U.S. Department of the Interior
U.S. Geological Survey

Summary of Water-Resources Data within the Little White River Basin, South Dakota and Nebraska

By Colin A. Niehus

Open-File Report 99-222

Prepared in cooperation with the
Rosebud Sioux Tribe

U.S. Department of the Interior

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ABSTRACT

All water-resources data for the Little White River Basin in South Dakota and Nebraska readily available from the U.S. Geological Survey, the South Dakota Department of Environment and Natural Resources, and the Rosebud Sioux Tribe's Office of Water Resources are summarized within this report. This includes streamflow and surface-water-quality data, ground-water-level and ground-water-quality data, and water-use data for the basin. Additionally, available publications that relate to the hydrology of the Little White River Basin are listed, and all readily available ground-water data associated with the High Plains aquifer in South Dakota are summarized.

INTRODUCTION

The Bureau of Reclamation (BOR), the Rosebud Sioux Tribe, and the Natural Resources Conservation Service (NRCS) have begun a study known as the Little White River Basin Water Management Study (LWRB-WMS). The LWRB-WMS is being conducted under the Missouri River Basin Tribes Water Management Study (MRBT-WMS) in the BOR's General Investigations Program. The purpose of the MRBT-WMS is to assist tribes in the Missouri River Basin in the accomplishment of water-development and management studies relative to the use of tribal-reserved water rights.

The objectives of the LWRB-WMS are to develop data, information, and analysis tools necessary to assist the Rosebud Sioux Tribe in the management of water and other natural and cultural resources within the basin that are under their jurisdiction. Included in the objectives of the management study is the need to summarize the existing water-resources data for the basin. The U.S. Geological Survey (USGS) is assisting in this portion of the LWRB-WMS. As part of this assistance, the USGS and the Rosebud Sioux Tribe entered into a cooperative agreement for 1997-99 to summarize existing water-resources data for the Little White River Basin in South Dakota and Nebraska.

Purpose and Scope

The purpose of this report is to summarize all readily available water-resources data for the Little White River Basin in South Dakota and Nebraska. This includes summarizing hydrologic data (streamflow, ground-water-level, and water-use data), water-quality data (ground and surface water), and performing a literature search of publications that relate to the hydrology of the basin. Additionally, ground-water data associated with the High Plains aquifer in South Dakota are summarized.

The data that are summarized include data from the USGS, the South Dakota Department of Environment and Natural Resources (SDDENR), the South Dakota Geological Survey (SDGS), and the Rosebud Sioux Tribe's Office of Water Resources. For the literature search, primary emphasis was placed on USGS and SDDENR publications.

All results shown in the tables of this report that summarize the water-quality data by presenting selected statistics had the following substitutions made to the data prior to doing the statistics: (1) ND (not detected) values were set equal to 0, and (2) less than some value (< ?) were set equal to the value.

Description of the Study Area

The study area is the Little White River Basin (figs. 1 and 2 in the Illustrations section at the end of the report), which occupies about 1,600 square miles within Bennett, Mellette, Shannon, and Todd Counties in south-central South Dakota, and Cherry and Sheridan Counties in north-central Nebraska. The Little White River drains about 560 square miles of the Rosebud Indian Reservation in Todd County in South Dakota.

Acknowledgments

The author would like to thank the Rosebud Sioux Tribe, the BOR, the SDDENR, and the SDGS for providing water-resources data and/or assisting in compilation of information in this report.

SUMMARY OF WATER-RESOURCES DATA FROM THE U.S. GEOLOGICAL SURVEY

All readily available water-resources data within the U.S. Geological Survey computer databases were summarized for the Little White River Basin in South Dakota and Nebraska and for the High Plains aquifer in South Dakota. The basic data were retrieved from the National Water Information System (NWIS) computerized databases maintained by the USGS. The NWIS databases include the Ground-Water Site Inventory (GWSI) system, the Automated Data Processing System (ADAPS), the Water-Quality System (QWDATA), and the Site-Specific Water-Use Data System (SWUDS).

These databases include some water-resource data collected by the SDDENR and by the SDGS. To avoid duplication later in this report, water-resources data collected by the SDDENR and SDGS and stored in the USGS databases are summarized in this section only.

The water-resources data include summaries of streamflow and surface-water-quality data, ground-water-level and ground-water-quality data, and water-use data. A listing of USGS publications pertaining to the Little White River Basin in South Dakota and Nebraska and the High Plains aquifer in South Dakota also is included.

Streamflow and Surface-Water-Quality Data

Monthly mean and annual flow at nine USGS streamflow-gaging stations are shown in tables 1-9 in the Tables section at the end of the report. These nine streamflow-gaging stations (fig. 3 in the Illustrations section at the end of the report) include the following:

06447500, Little White River near Martin, South Dakota
06449100, Little White River near Vetal, South Dakota
06449300, Little White River above Rosebud, South Dakota
06449500, Little White River near Rosebud, South Dakota
06450500, Little White River below White River, South Dakota
06448000, Lake Creek above refuge near Tuthill, South Dakota
06449000, Lake Creek below refuge near Tuthill, South Dakota
06449250, Spring Creek near St. Francis, South Dakota
06449400, Rosebud Creek at Rosebud, South Dakota

This information for two additional USGS gaging stations, 06449700 (Little Oak Creek near Mission, South Dakota) and 06449750 (West Branch Horse Creek near Mission, South Dakota) also shown in figure 3, is not included in these tables as these gaging stations had only peak-flow data collected at them.

Variations in annual, monthly, and daily mean flow for these same nine gaging stations previously listed are shown in figures 4-12 in the Illustrations section at the end of the report.

Summaries of statistics on mean streamflow are shown in tables 10-18 in the Tables section at the end of the report for the same nine gaging stations previously listed. These statistics include the following:

Number: Number of data values used to compute the statistics.

Maximum: Largest value in the group of data values.

Percentiles ["p" = 75, 50, or 25]: The data value that has at most "p" percent of the measurements below it and at most (100-"p") percent above it.

Minimum: Smallest value in the group of data values.

Mean: Sum of individual values in the group divided by the total number of values in the group.

Standard deviation: Measure of the dispersion of data values about the mean; equal to the square root of the sum of the squares of deviations from the mean of all values in the group divided by the total number of values in the group minus one.

Skewness: Measure of asymmetry of a group of data values.

Coefficient of variation: Dimensionless measure of the dispersion of data values; equal to the percentage that the standard deviation is of the mean.

Variance: Sum of the squared deviations from the mean of all values in the group divided by the total number values in the group minus one.

Percent of annual flow: Dimensionless measure of the amount of streamflow that passes the measuring site; equal to the percentage that monthly streamflow is of annual streamflow.

The results of correlation analyses for the monthly mean flow at the same nine gaging stations previously listed are shown in tables 19-27 in the Tables section at the end of the report. The correlation analyses are an indication of the strength of the relation between two different variables.

Water-quality data for selected parameters from samples collected at nine USGS streamflow-gaging stations (fig. 3) are summarized in tables 28-36 in the Tables section at the end of the report. The water-quality samples were collected at the following streamflow-gaging stations:

06447500, Little White River near Martin, South Dakota

06448000, Lake Creek above refuge near Tuthill, South Dakota

06449000, Lake Creek below refuge near Tuthill, South Dakota

06449100, Little White River near Vetal, South Dakota

06449250, Spring Creek near St. Francis, South Dakota

06449300, Little White River above Rosebud, South Dakota

06449400, Rosebud Creek at Rosebud, South Dakota

06449500, Little White River near Rosebud, South Dakota

06450500, Little White River below White River, South Dakota

No water-quality data was available for two additional USGS gaging stations shown in figure 3: 06449700, Little Oak Creek near Mission, South Dakota, and 06449750, West Branch Horse Creek near Mission, South Dakota.

Statistical summaries for USGS streamflow-gaging station 06449100, Little White River near Vetal, South Dakota, and 06450500, Little White River below White River, South Dakota, include the mean, median, standard deviation, first and third quartile, minimum, maximum, and number of valid samples used in the statistics.

Water-quality results for selected parameters from samples taken at additional USGS surface-water sites (fig. 13 in the Illustrations section at the end of the report) are summarized in table 37 in the Tables section at the end of the report. These sites are identified by a site number that is based on a 15-digit latitude-longitude numbering system. The first six digits denote the degrees, minutes, and seconds of latitude; the next seven digits denote the degrees, minutes, and seconds of longitude; and the last two digits differentiate sites within a 1-second grid.

Ground-Water-Level and Ground-Water-Quality Data

Statistical summaries of ground-water-level data for sites (fig. 14 in the Illustrations section at the end of the report) in the Little White River Basin from the U.S. Geological Survey databases are shown in tables 38 and 39 in the Tables section at the end of the report. Table 38 shows summaries of data for one site with daily ground-water-level data, while table 39 in the Tables section at the end of the report shows summaries of data for sites with periodic ground-water-level data.

Descriptive data for ground-water sites (fig. 15 in the Illustrations section at the end of the report) in the Little White River Basin from the USGS databases are summarized in table 40 in the Tables section at the end of the report. Descriptive data includes site number, local identifier, county code, depth of well, altitude of land surface, and geologic unit. The associated water-quality data for these sites are shown in table 41 in the Tables section at the end of the report.

Ground-water sites are identified by a site number that is based on the same 15-digit latitude-longitude numbering system used for the surface-water sites. The first six digits denote latitude; the next seven

digits denote longitude; and the last two digits differentiate sites within a 1-second grid.

A local identifier also has been included to correspond to each site number. The local identifier is a township-range location number that is based on the Federal system of rectangular surveys of public lands. The first number denotes the township north of a base line, the second number denotes the range west of the fifth principal meridian, and the third number denotes the section in which the site is located. The letters A, B, C, and D designate the northeast, northwest, southwest, and southeast quarter sections (160-acre tract), quarter-quarter sections (40-acre tract), quarter-quarter-quarter sections (10-acre tract), and quarter-quarter-quarter-quarter sections (2.5-acre tract), respectively. Consecutive terminal numbers are added if more than one site is located within a 2.5-acre tract. An "R" added to the local identifier means that it is located on a reservation.

Statistical summaries of selected water-quality data grouped by the aquifer the sample was taken from (fig. 16 in the Illustrations section at the end of the report) are presented in tables 42-54 in the Tables section at the end of the report. Statistical summaries are presented for the following aquifers:

110ALVM - Quaternary alluvium
110AVTN - Alluvium, terrace, non-glacial
111ALVM - Holocene alluvium
121ASHL - Ash Hollow Formation
121OGLL - Ogallala Formation
122ARKR - Arikaree Formation
122MOCN - Miocene Series
123CRDN - Chadron Formation
123WRVR - White River Group or Formation
211DKOT - Dakota Sandstone or Formation
211PIRR - Pierre Shale
217NCSL - Newcastle Sandstone
310MNLS - Minnelusa Formation (Permian and Pennsylvanian)

As requested by the cooperator, summaries of ground-water data also were compiled for wells completed in the High Plains aquifer in South Dakota. The High Plains aquifer underlies 174,050 square miles of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming. The High Plains aquifer is commonly referred to as the Ogallala aquifer but actually is made up of three main geologic units: the Ogallala Formation, the Arikaree Group, and the Brule Formation. The Ogallala Formation is generally the principal unit of the three geologic units (Gutentag and others, 1984). Nearly 37 percent of the areal extent of the High Plains aquifer and 66 percent of its volume underlies Nebraska.

Statistical summaries of ground-water-level data for wells (fig. 17 in the Illustrations section at the end of the report) completed in the High Plains aquifer in South Dakota (from the USGS databases) are shown in tables 55 and 56 in the Tables section at the end of the report. Table 55 shows summaries of data for two sites with daily ground-water level data, while table 56 shows summaries of data for sites with periodic ground-water level data.

Selected descriptive data for ground-water wells (fig. 18 in the Illustrations section at the end of the report) completed in the High Plains aquifer in South Dakota from the USGS databases are presented in table 57 in the Tables section at the end of the report. Statistical summaries of selected water-quality data for these ground-water sites are shown in table 58 in the Tables section at the end of the report.

Water-Use Data

The USGS collects and/or compiles water-use data from other Federal agencies, State agencies, local agencies, and private companies and individuals. These water-use data are stored by the USGS in South Dakota in the SWUDS database. Many of the water-use data are obtained from the SDDENR through water-permit applications and from annual reports from water-permit holders.

The 1995 estimated total withdrawals from surface and ground water within the Little White River Basin in South Dakota are shown in table 59 in the Tables section at the end of the report. Total withdrawals from surface and ground water in the Little White River Basin were about 7.5 million gallons per day. Over 93 percent of the total withdrawals was from ground water.

The 1995 estimated water-use withdrawals by category within the Little White River Basin in South Dakota are shown in table 60 in the Tables section at the end of the report. Water-use data are shown in this table for 11 categories.

Bibliographic Information

Water-resources data for South Dakota were first published in a series of U.S. Geological Survey Water-

Supply Papers. Data on stream discharge and stage and on lake or reservoir contents and stage, through September 1960, were published annually under the title "Surface-Water Supply of the United States, Parts 6A and 6B." For water years 1961-70, the data were published in two 5-year reports. Data on chemical quality, temperature, and suspended sediment for water years 1941-70 were published annually under the title "Quality of Surface Waters of the United States," and water levels for water years 1935-74 were published under the title "Ground-Water Levels in the United States."

Beginning in the 1961 water year, an annual report series was published containing only data relating to the quantities of surface water in South Dakota. In water year 1964, a similar annual report was published containing only data relating to the quality of water in South Dakota. Since water year 1975, these annual reports have been replaced by an annual publication series entitled "U.S. Geological Survey Water-Data Reports," which contained stream discharge, surface- and ground-water quality, and ground-water-level data for South Dakota. Almost all data collected through the water-resources data program and published in these annual data reports are stored in the U.S. Geological Survey's databases in NWIS.

Additional water-resources data and other information for the Little White River Basin and the High Plains aquifer in South Dakota can be obtained from the following U.S. Geological Survey publications:

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SUMMARY OF WATER-RESOURCES DATA FROM THE SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

All water-resources data for the Little White River Basin in South Dakota and Nebraska and for the High Plains aquifer in South Dakota readily available from the SDDENR (including the SDGS) were summarized. The data include summaries of characteristics of the Little White River and ground-water quality. A listing of SDDENR publications pertaining to the Little White River Basin in South Dakota and Nebraska and to the High Plains aquifer in South Dakota also is included.

The USGS databases include water-resources data collected and/or analyzed by the SDDENR and SDGS, including data on ground-water levels and ground-water quality. To avoid duplication, data collected and/or analyzed by the SDDENR and SDGS and stored in the USGS databases are only included in the previous section "Summary of Water-Resources Data from the U.S. Geological Survey."

Surface-Water Quality Data

The SDDENR annually publishes 305(b) Water Quality Assessment reports to fulfill the Federal Clean Water Act reporting requirements. According to the 1996 305(b) report (South Dakota Department of Environment and Natural Resources, 1996), the Little White River does not support fishing and swimming because of high suspended solids. The high suspended solids are primarily due to natural causes, as well as to flow alteration. This report also shows that a sample taken from the LaCreek National Wildlife Refuge had a fecal coliform concentration of 320 colonies per 100 milliliters as a result of nonpoint source contamination. Furthermore, because of fecal coliform detections, the beach at this refuge was closed at one time in 1994.

The SDDENR has one surface-water quality monitoring site near the mouth of the Little White River. The location of this site is shown on figure 23 of the 1996 305(b) report. The period of record for the site is May 1968 to present.

Ground-Water-Level and Ground-Water-Quality Data

The SDDENR has several ground-water-quality monitoring sites within the Little White River Basin and in the High Plains aquifer in South Dakota. The locations of these sites are shown in figure 20 of the 1996 305(b) report.

A summary of SDGS water-quality data at ground-water sites (fig 19 in the Illustrations section at the end of the report) are shown in tables 61-63 in the Tables section at the end of the report. Descriptive data for 14 SDGS wells and selected water-quality data for samples from the wells are shown in table 61. Selected radionuclide data for water samples from four SDGS wells are shown in table 62. Selected pesticide data for water samples from eight SDGS wells are shown in table 63. The SDGS also maintains a computer record of logs of wells and test holes. These data are available from the SDGS on request.

Bibliographic Information

Water-resources data and other information for the Little White River Basin in South Dakota and Nebraska and the High Plains aquifer in South Dakota can be obtained from the following SDDENR (including SDGS) publications:

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SUMMARY OF WATER-RESOURCES DATA FROM THE ROSEBUD SIOUX TRIBE

Computerized water-resources data for the Little White River Basin in South Dakota available from the Rosebud Sioux Tribe Office of Water Resources were summarized. The water-resources data include summaries of selected ground-water-level and water-quality data. The ground-water-level data included summaries of annual ground-water-level data for 22 wells. The selected water-quality data included information on physical properties, herbicides, metals, nonmetalic and inorganic compounds, nutrients and bacteria, miscellaneous compounds, PCB's, pesticides, phenols, radionuclides, and organic compounds. A listing of Rosebud Sioux Tribe publications pertaining to the Little White River Basin in South Dakota and Nebraska also is included.

Ground-Water-Level Data

The Rosebud Sioux Tribe Office of Water Resources provided computerized ground-water-level data to the USGS for inclusion in this report. Table 64 in the Tables section at the end of the report summarizes annual ground-water level data for 22 wells within the Little White River Basin. Geographic locations for these sites were not provided by the Tribe.

Water-Quality Data

The Rosebud Sioux Tribe Office of Water Resources provided computerized water-quality data to the USGS for inclusion in this report. The data (tables 65-75 in the Tables section at the end of the report) included information on physical properties (table 65), herbicides (table 66), metals (table 67), nonmetals and inorganic compounds (table 68), nutrients and bacteria (table 69), miscellaneous compounds (table 70), PCB's (table 71), pesticides (table 72), phenols (table 73), radionuclides (table 74), and organic compounds (table 75).

The summaries for the physical properties, metals, and nonmetals and inorganic compounds included statistics such as mean, median, standard deviation, first and third quartile, minimum, maximum, and number of valid samples used in the statistical analysis. Geographic locations for these sites were provided by the Rosebud Sioux Tribe for most of the sites.

Bibliographic Information

Water-resources data and other information for the Little White River Basin in South Dakota and Nebraska can be obtained from the following Rosebud Sioux Tribe publications:

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ILLUSTRATIONS

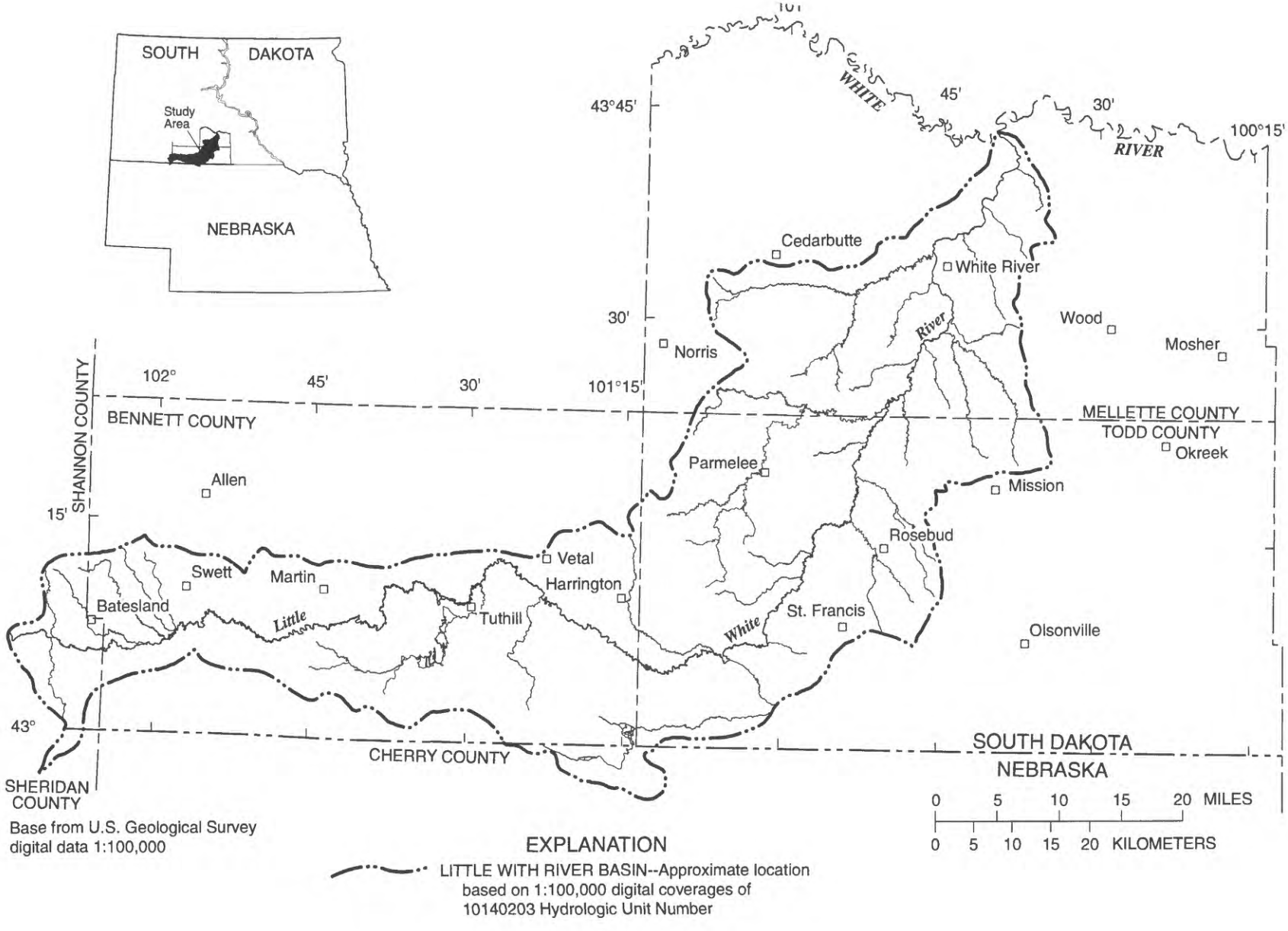


Figure 1. Location of the Little White River Basin, South Dakota and Nebraska.

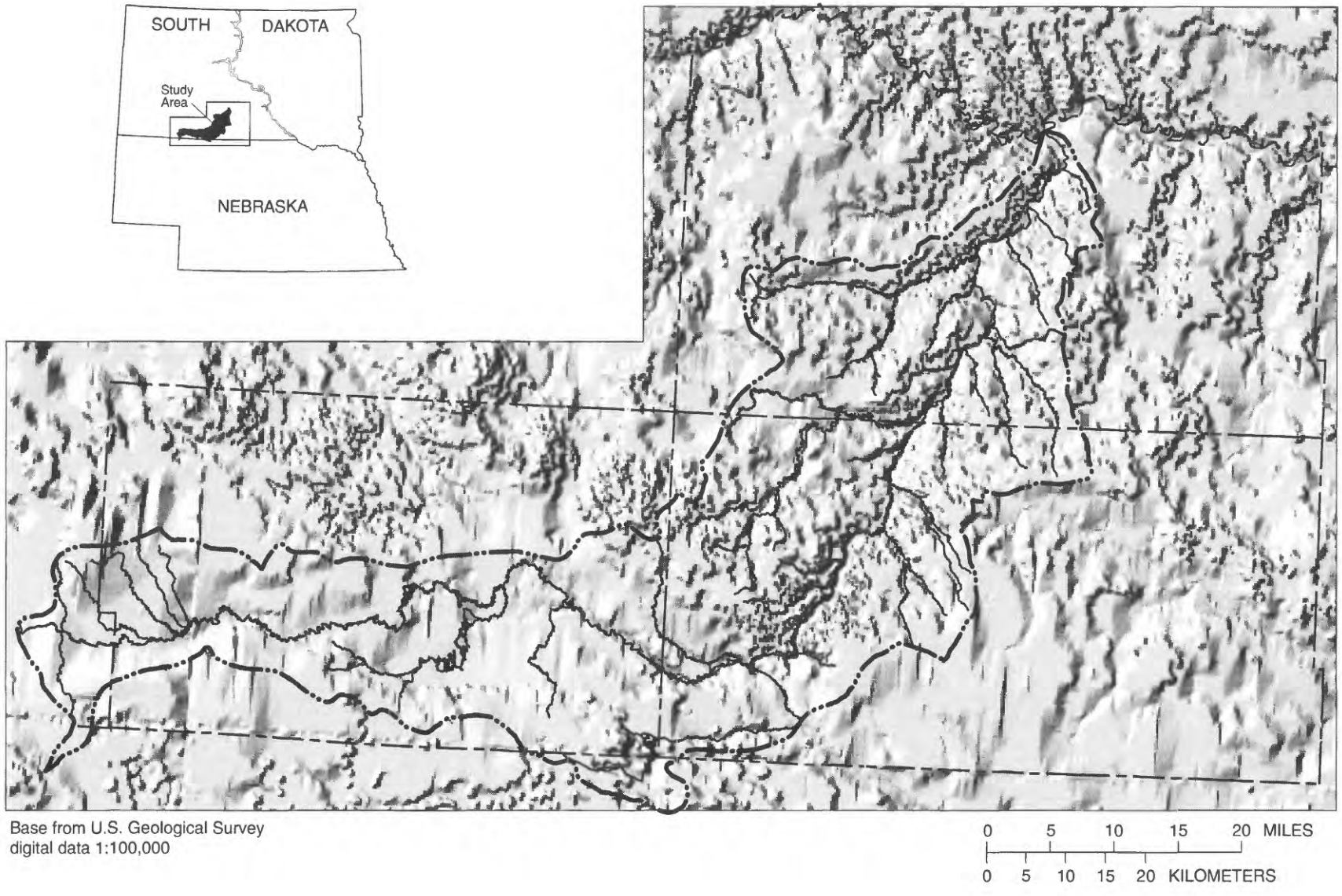


Figure 2. Hillshade of the Little White River Basin, South Dakota and Nebraska.

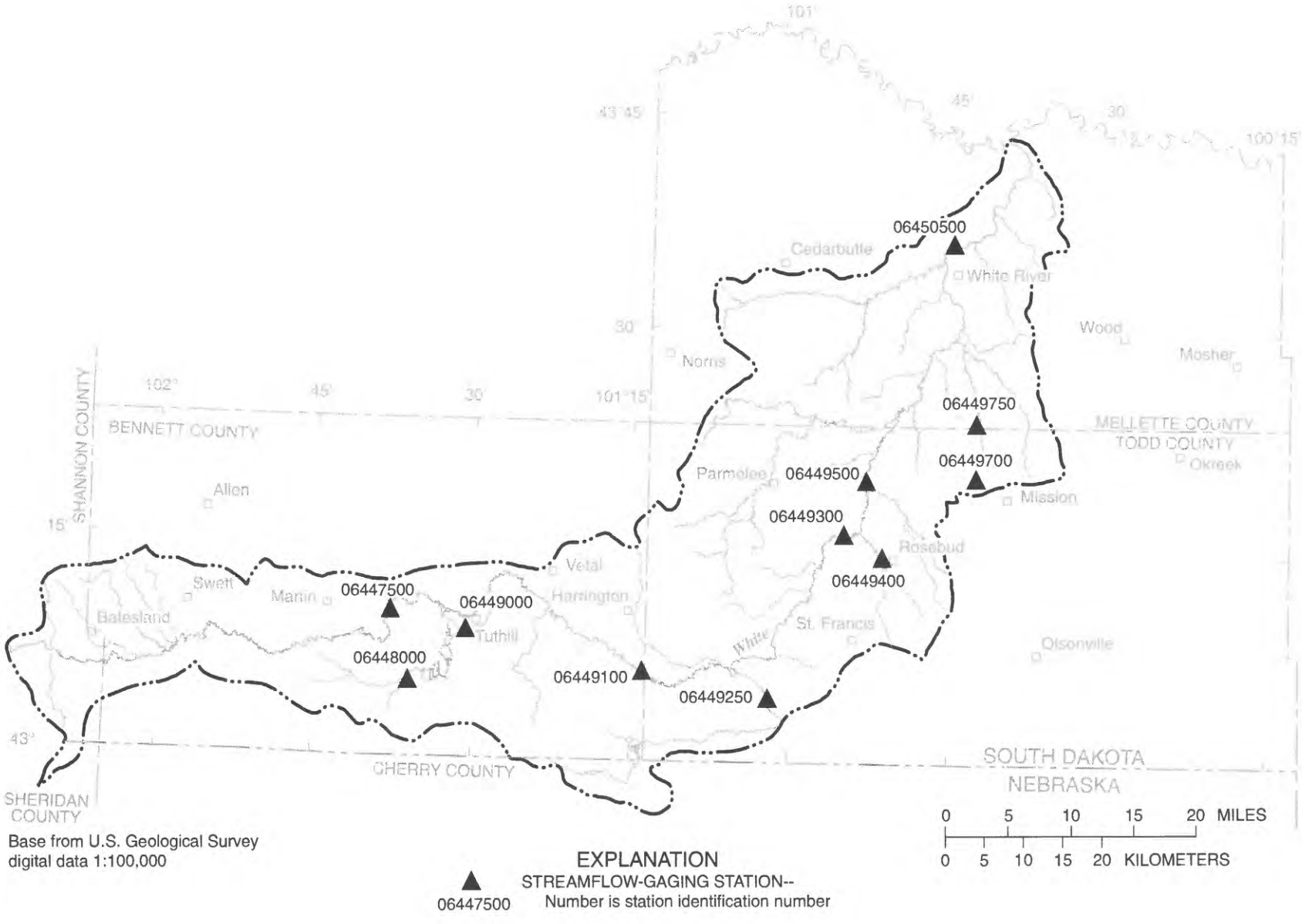


Figure 3. Locations of U.S. Geological Survey streamflow-gaging stations in Little White River Basin, South Dakota and Nebraska.

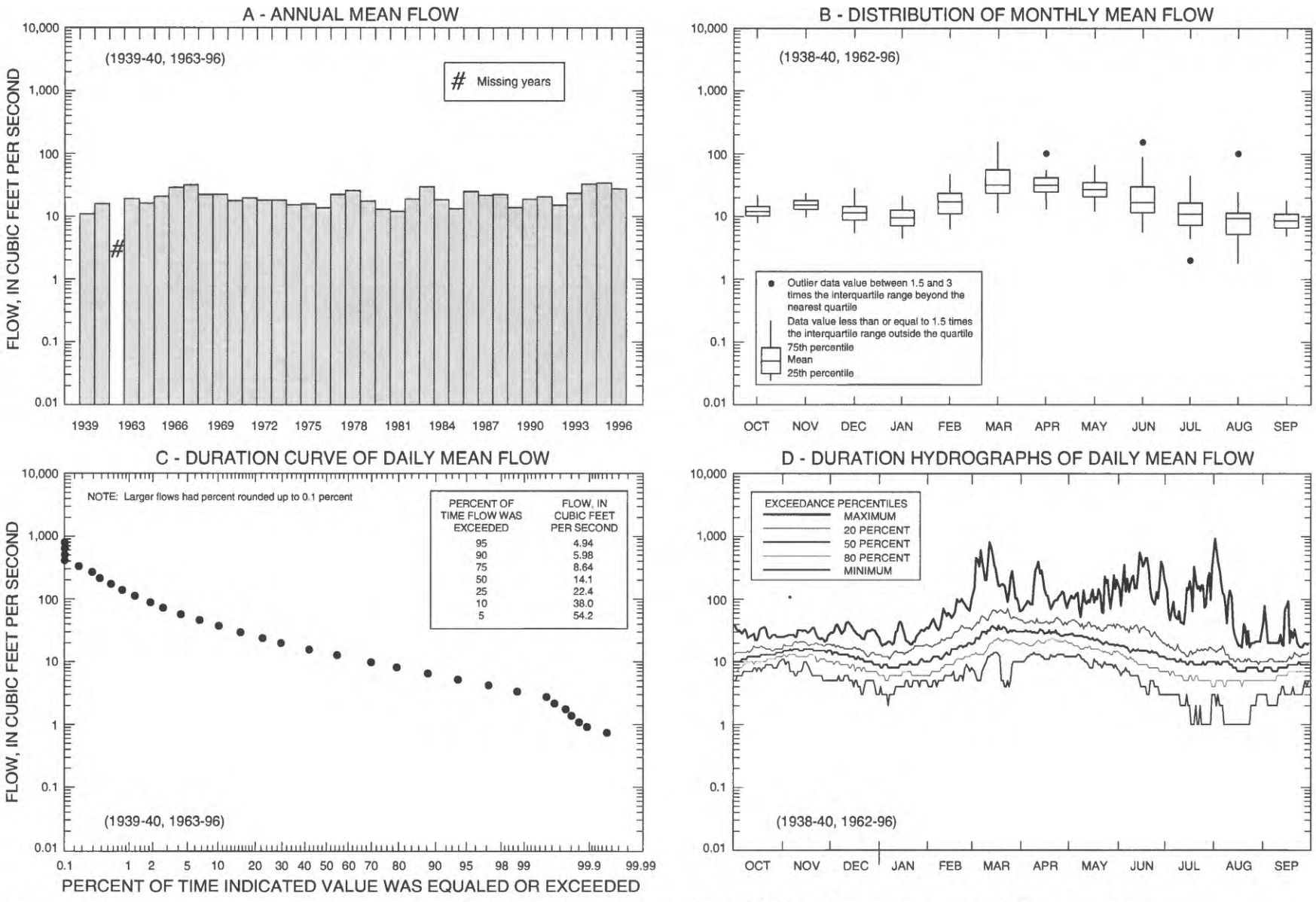


Figure 4. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06447500, Little White River near Martin, South Dakota.

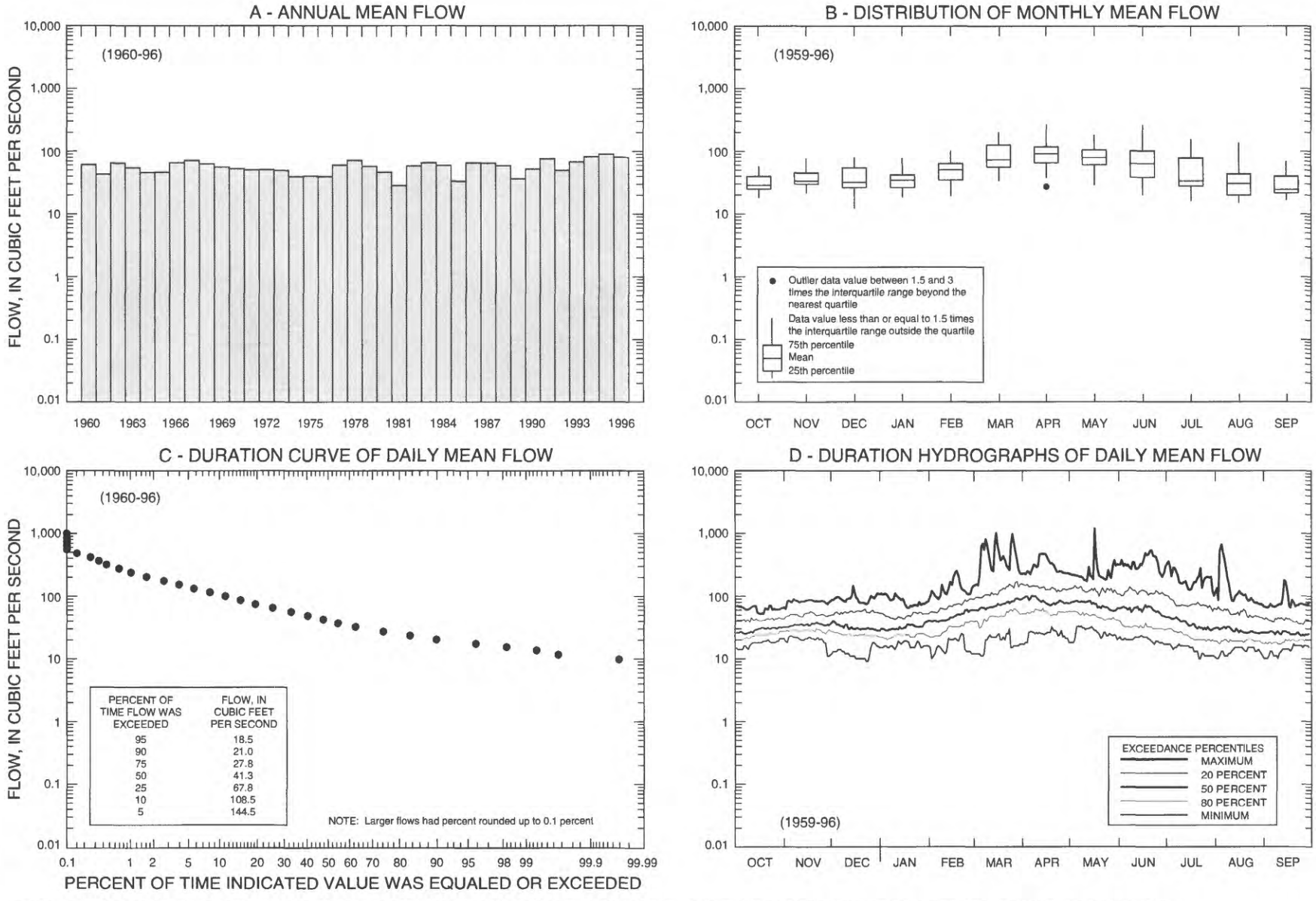


Figure 5. Variations in annual, monthiy, and daily mean flow for streamflow-gaging station 06449100, Little White River near Vetal, South Dakota.

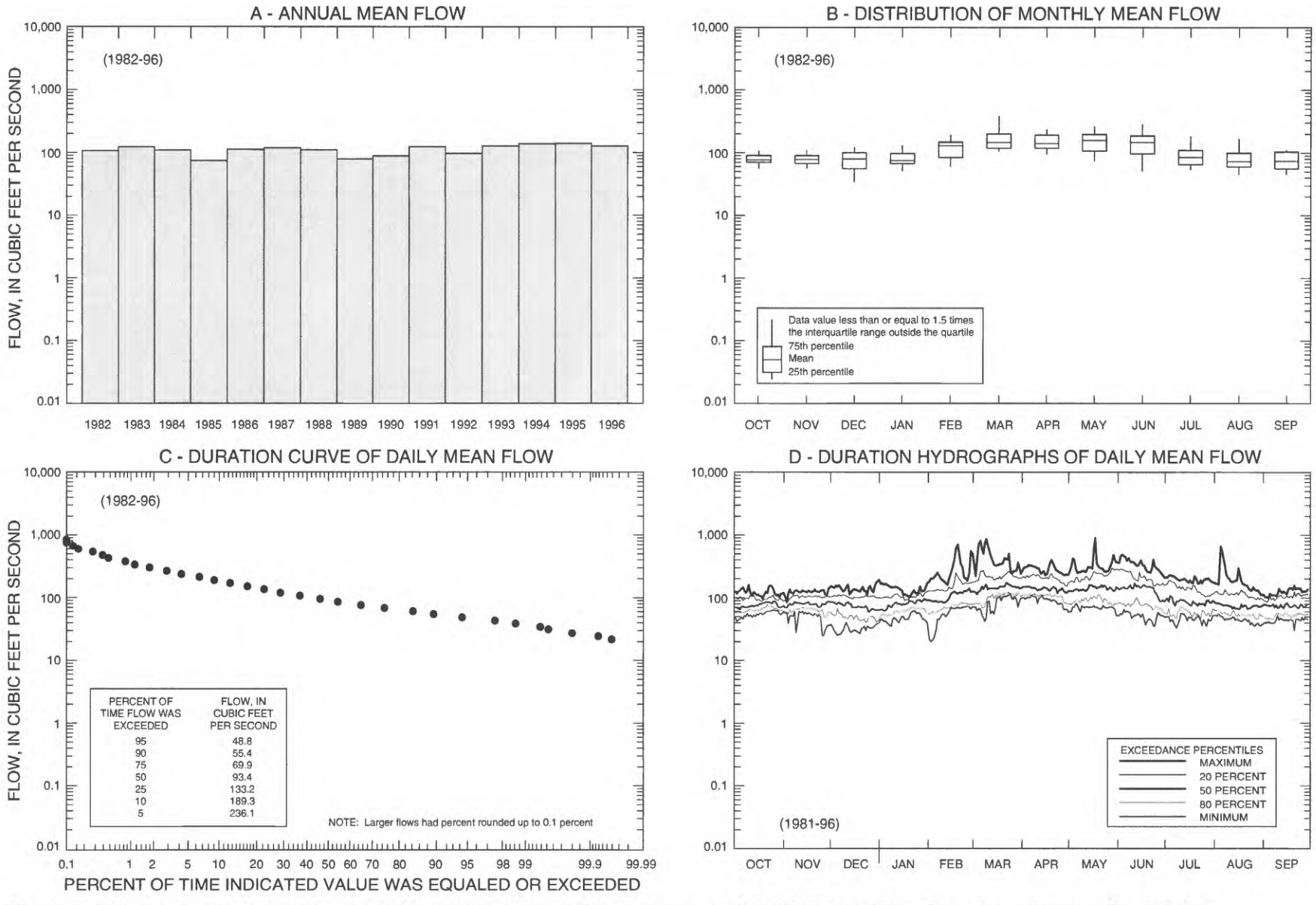


Figure 6. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota.

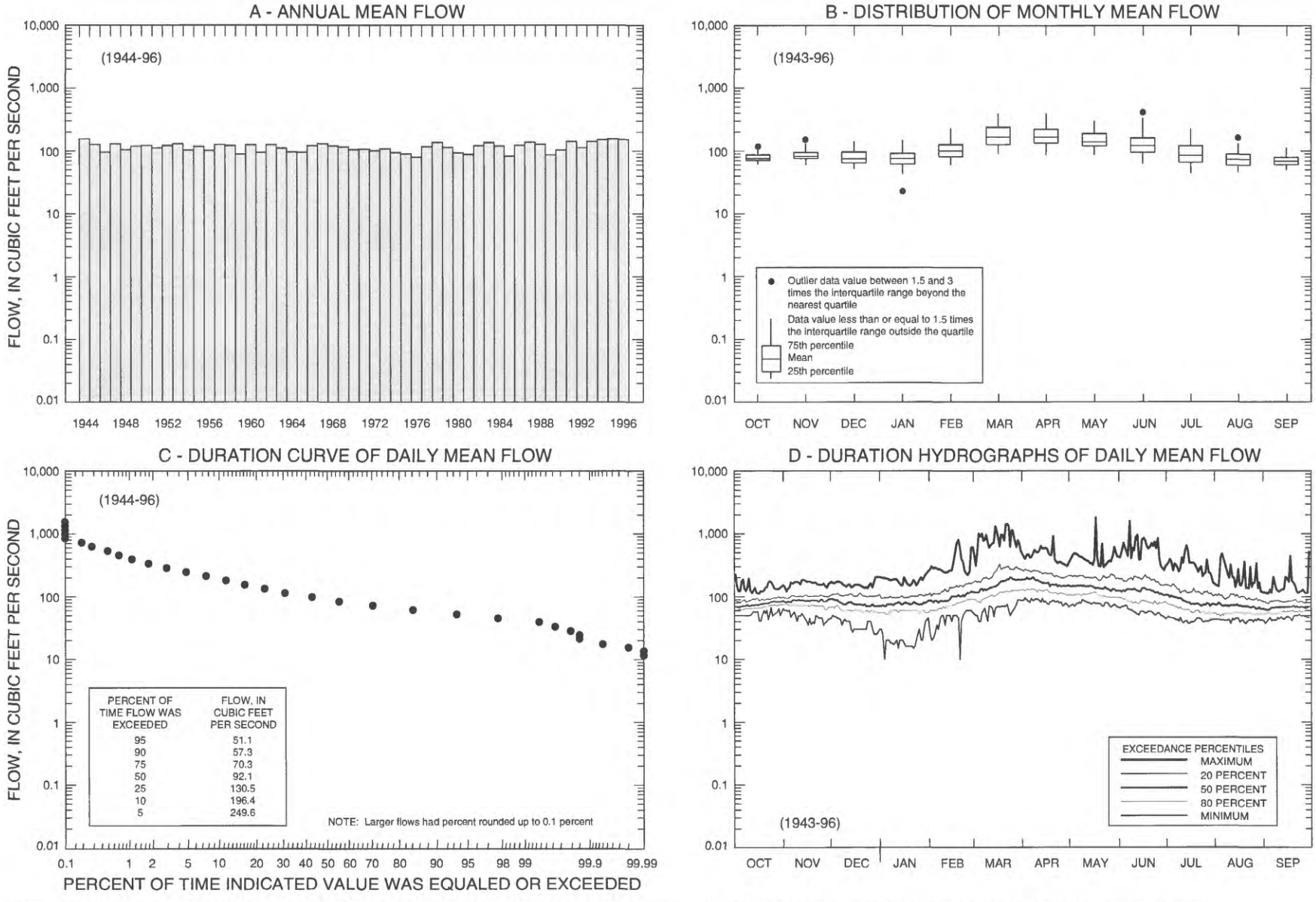


Figure 7. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota.

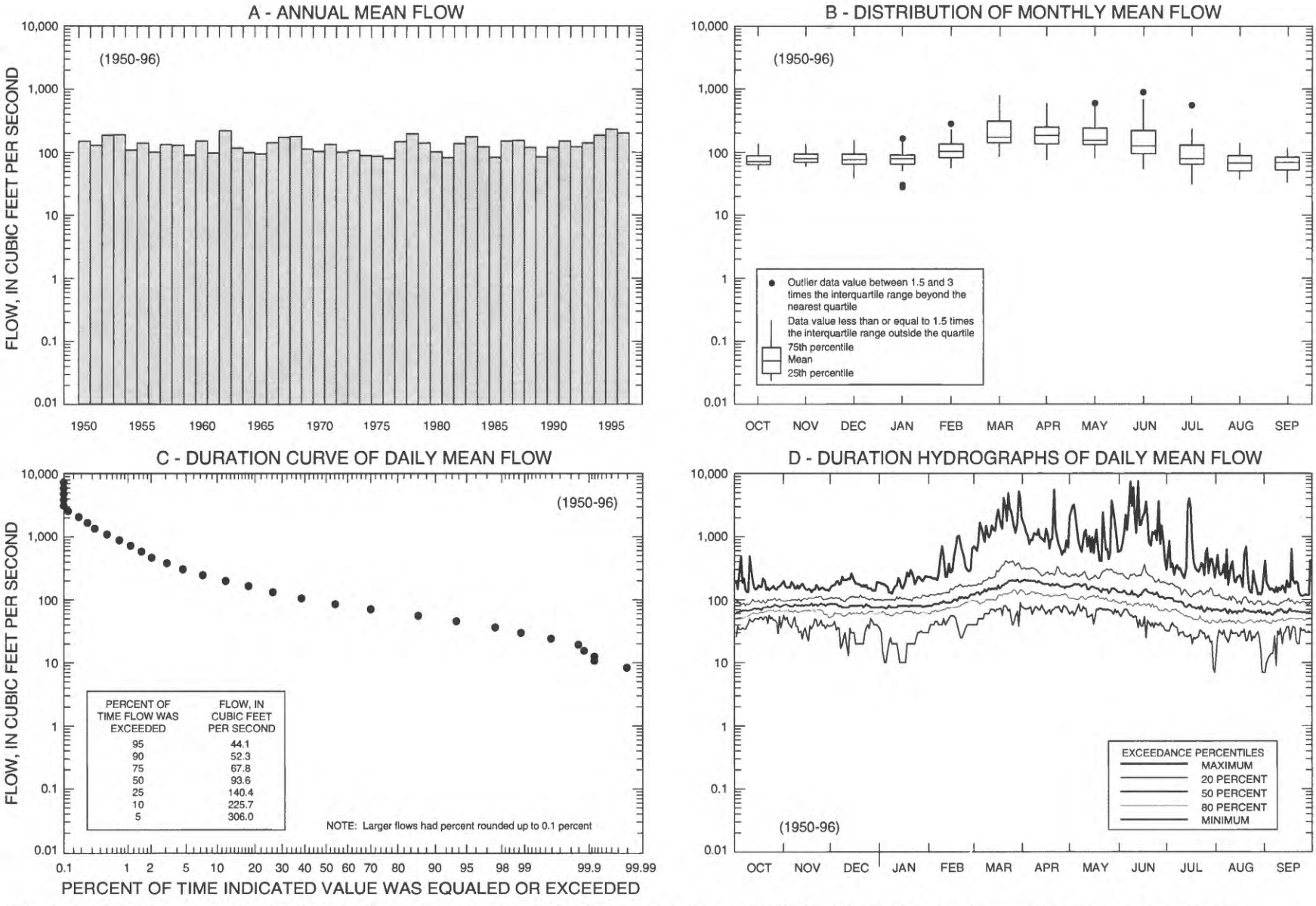


Figure 8. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06450500, Little White River below White River, South Dakota.

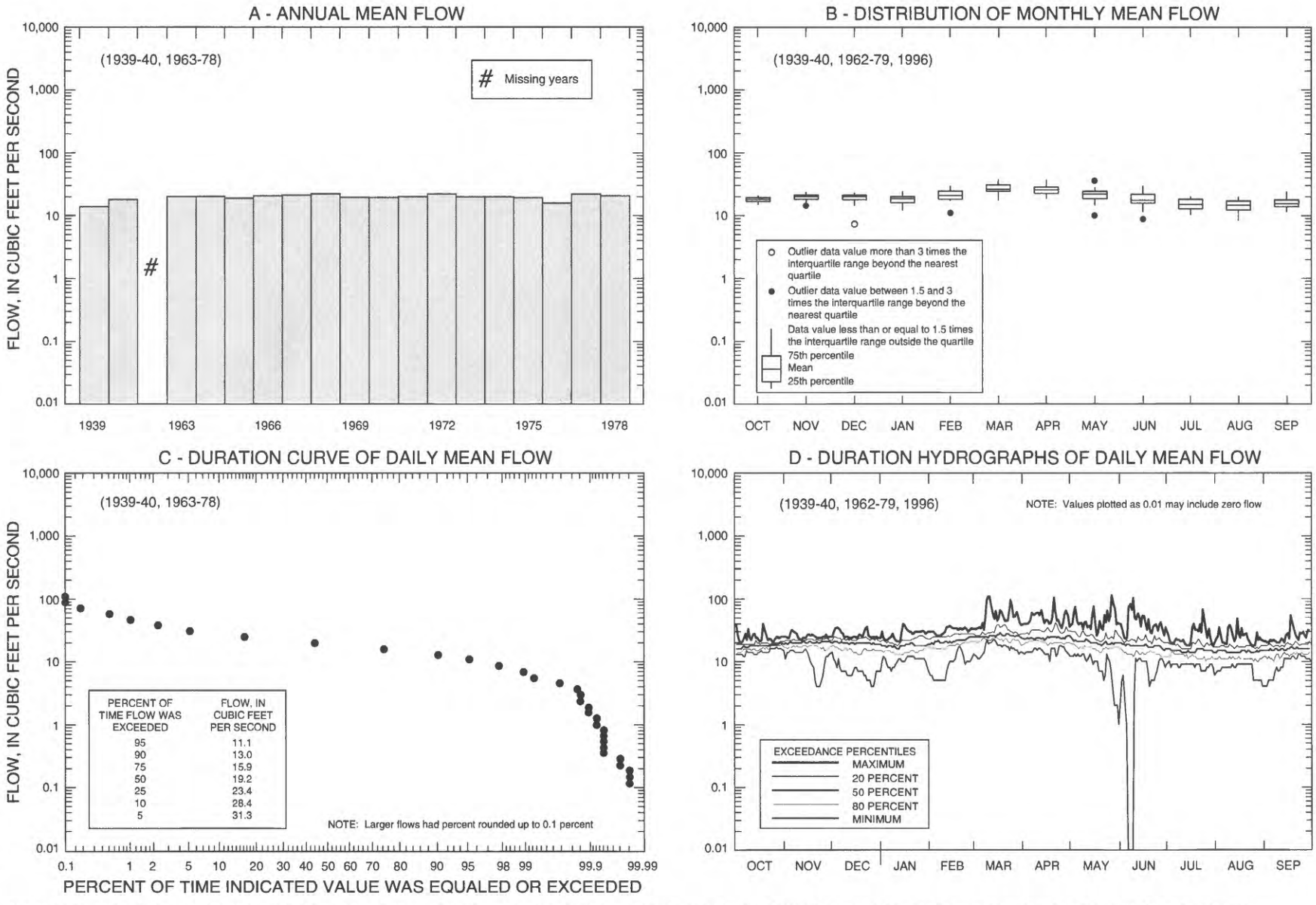


Figure 9. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06448000, Lake Creek above refuge, near Tuthill, South Dakota.

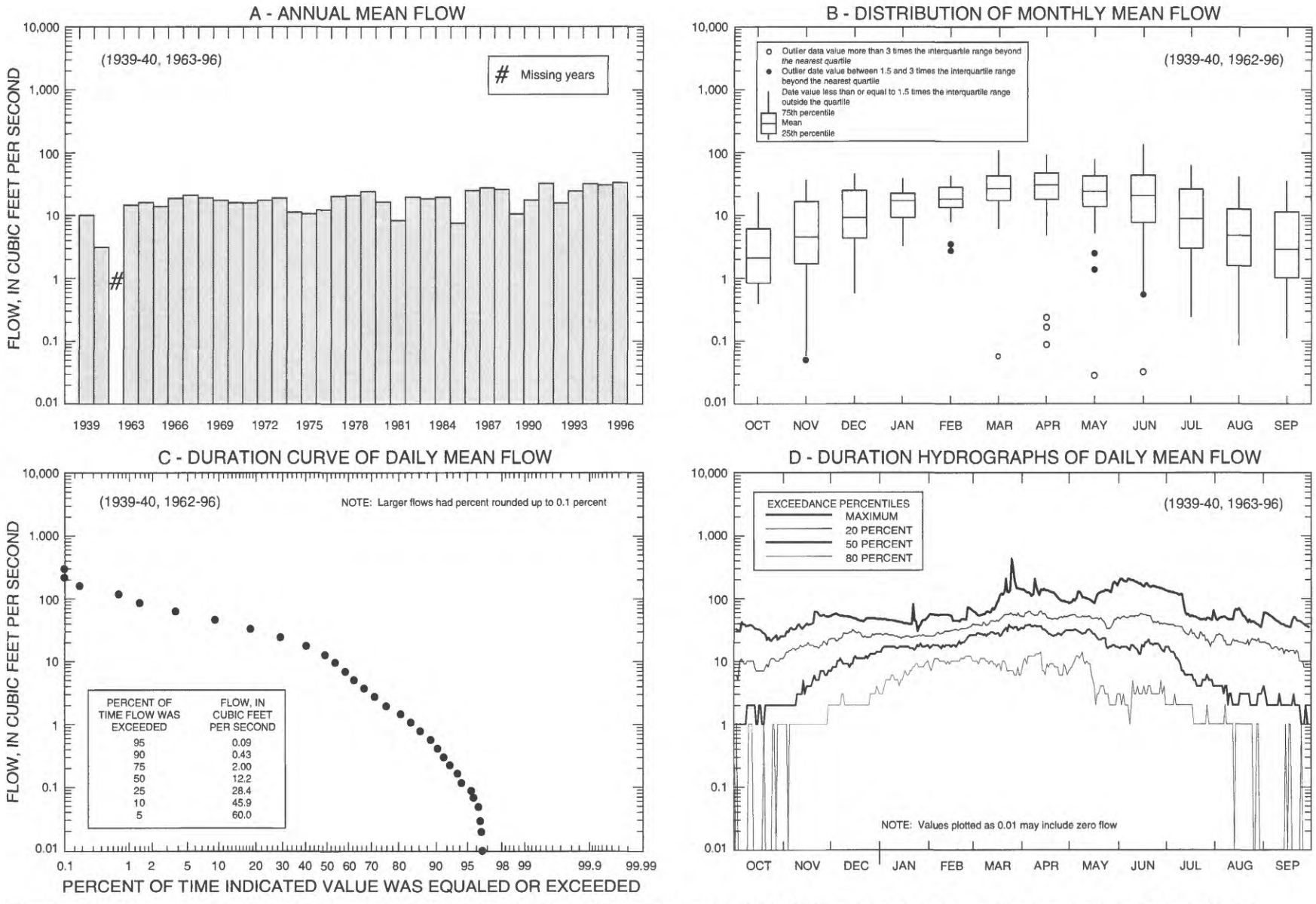


Figure 10. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota.

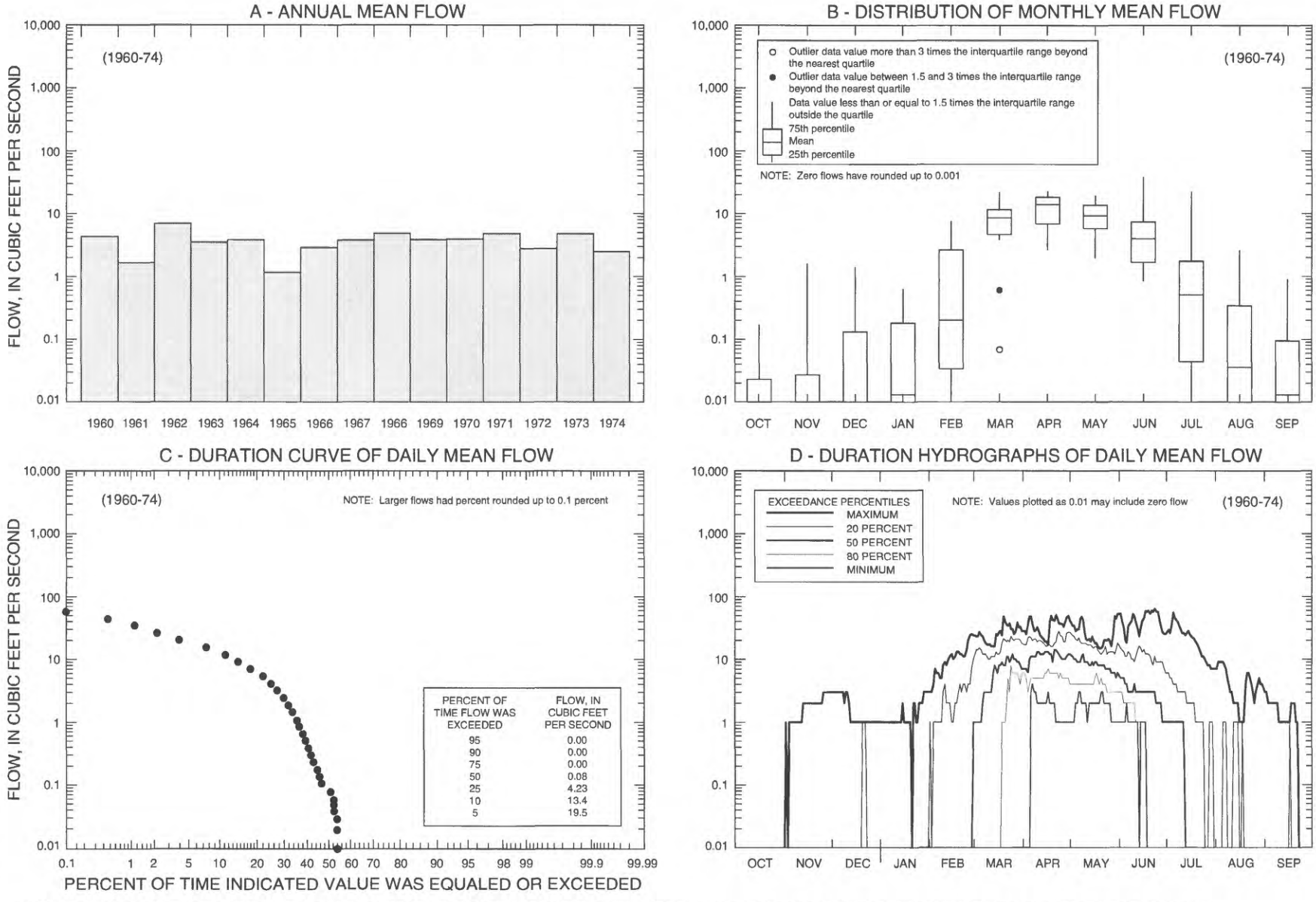


Figure 11. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06449250, Spring Creek near St. Francis, South Dakota.

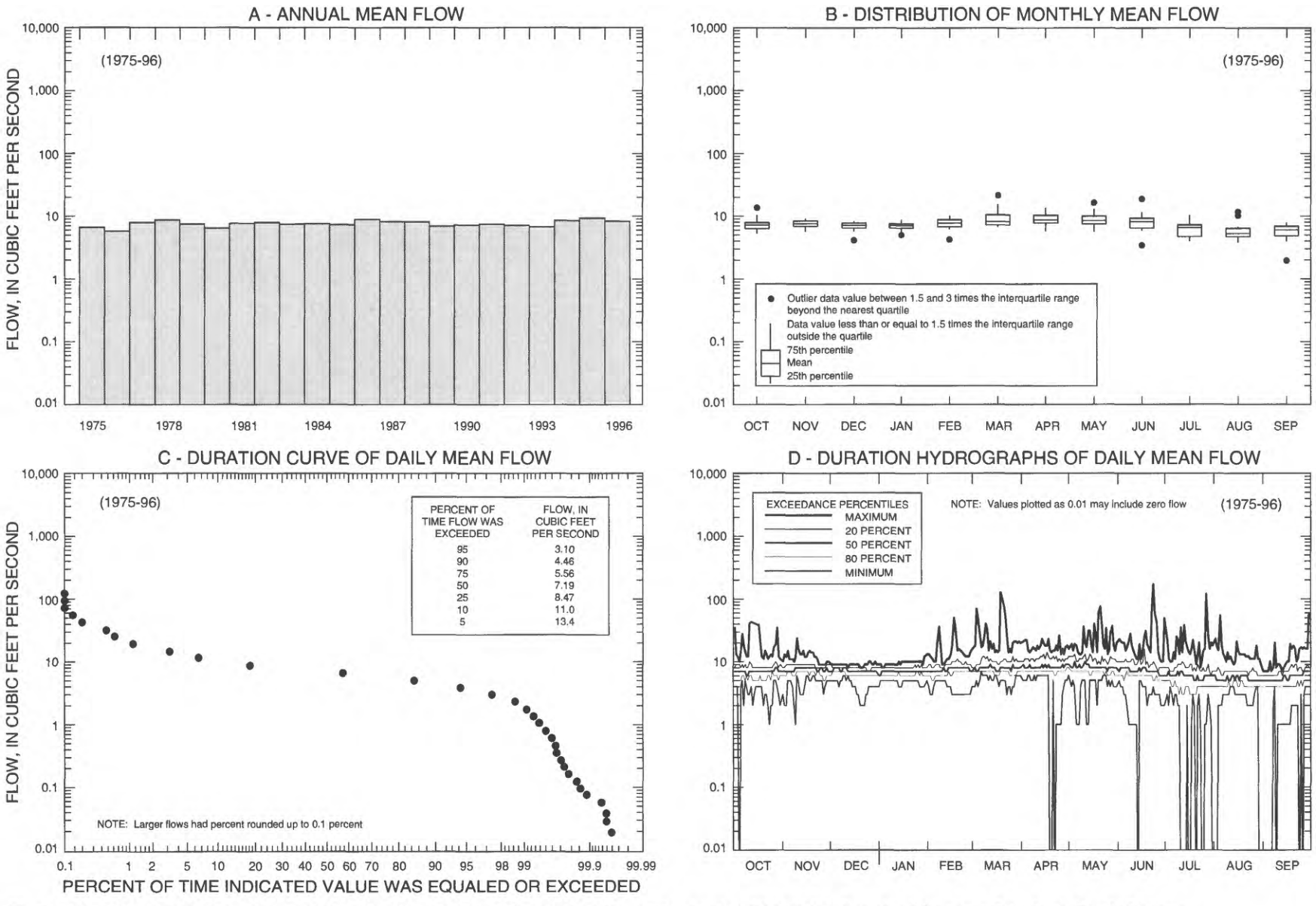


Figure 12. Variations in annual, monthly, and daily mean flow for streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota.

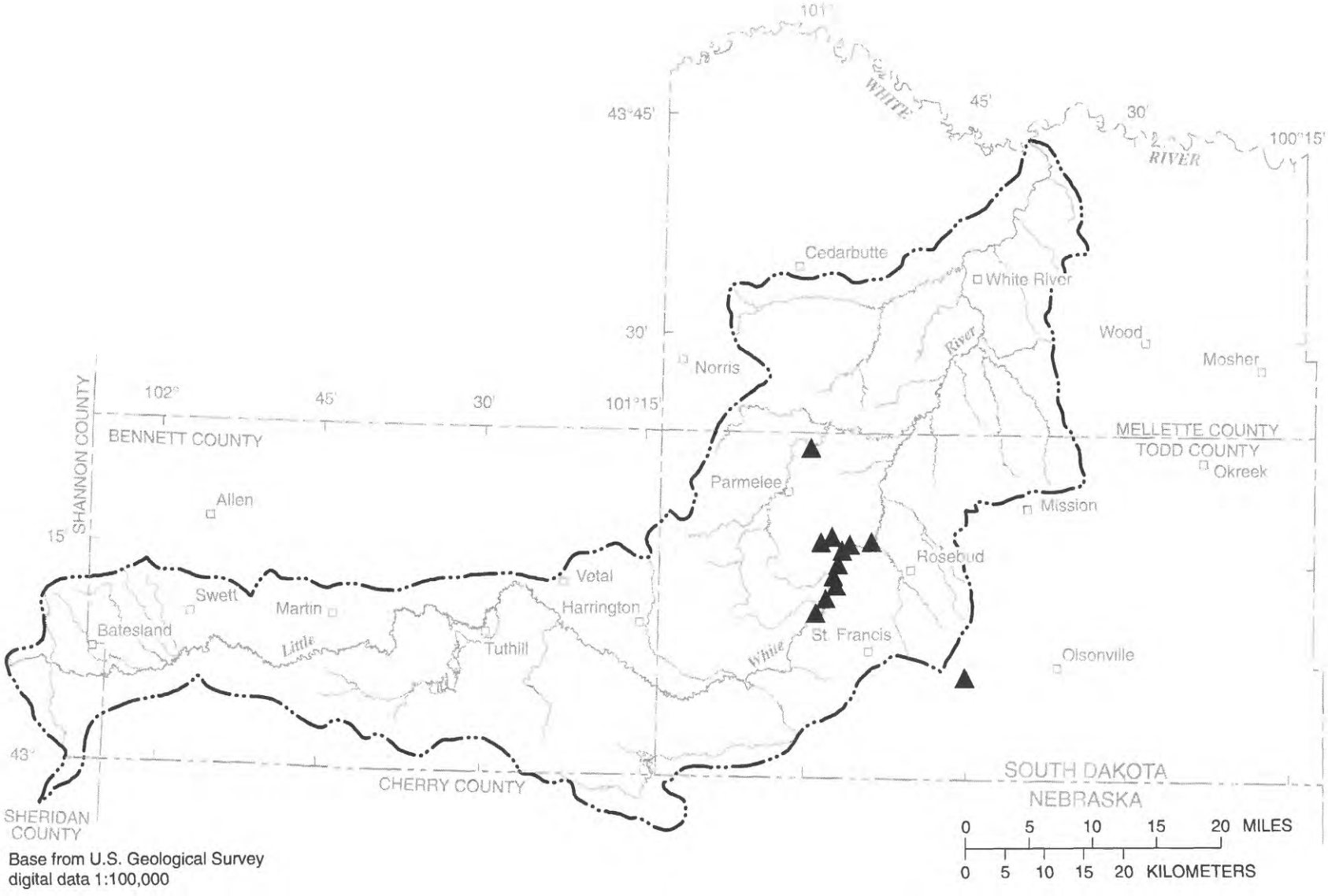


Figure 13. Location of surface-water quality sites in the Little White River Basin, South Dakota and Nebraska, from the U.S. Geological Survey database.

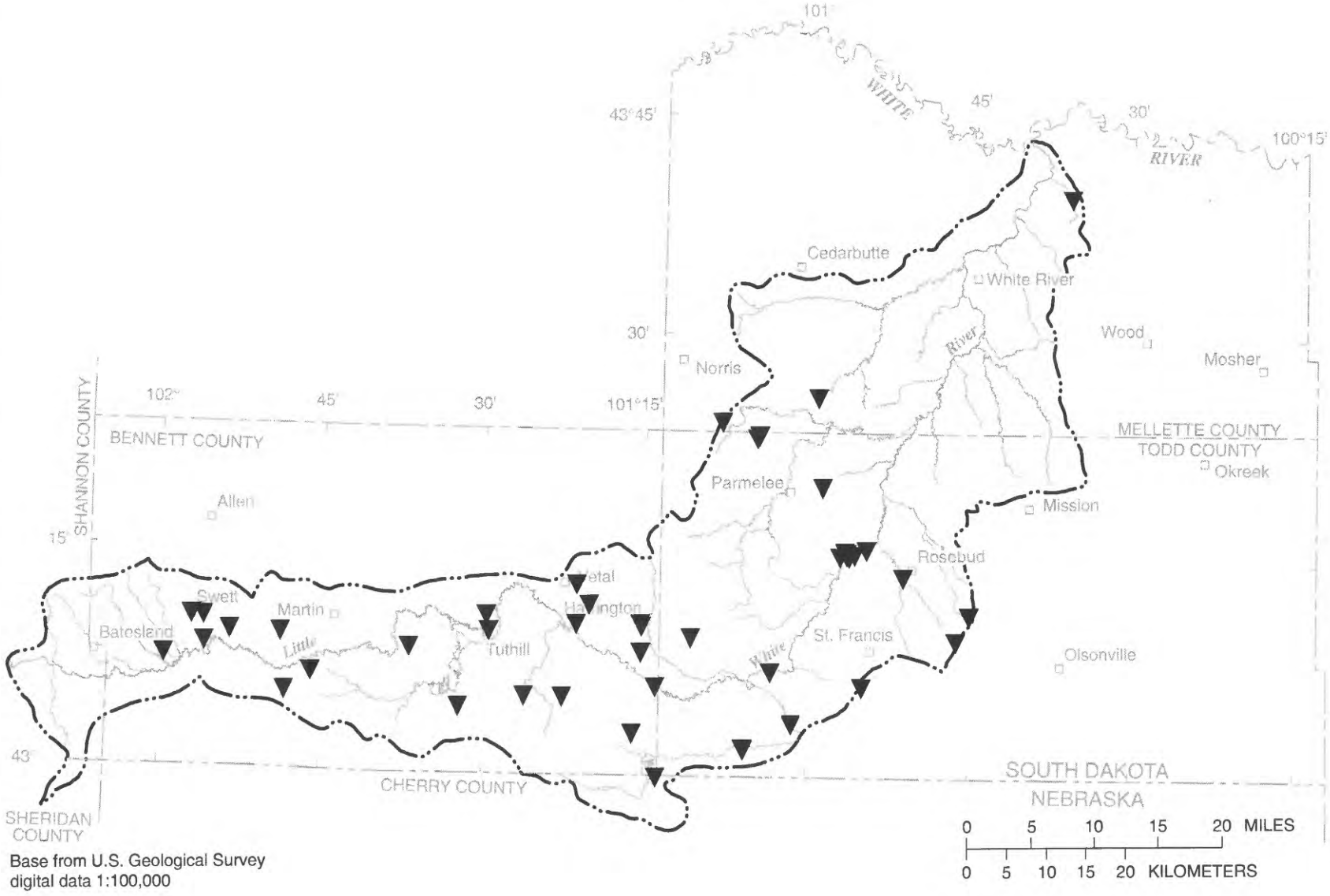


Figure 14. Location of ground-water sites with water-level data in the Little White River Basin, South Dakota and Nebraska, from the U.S. Geological Survey database.

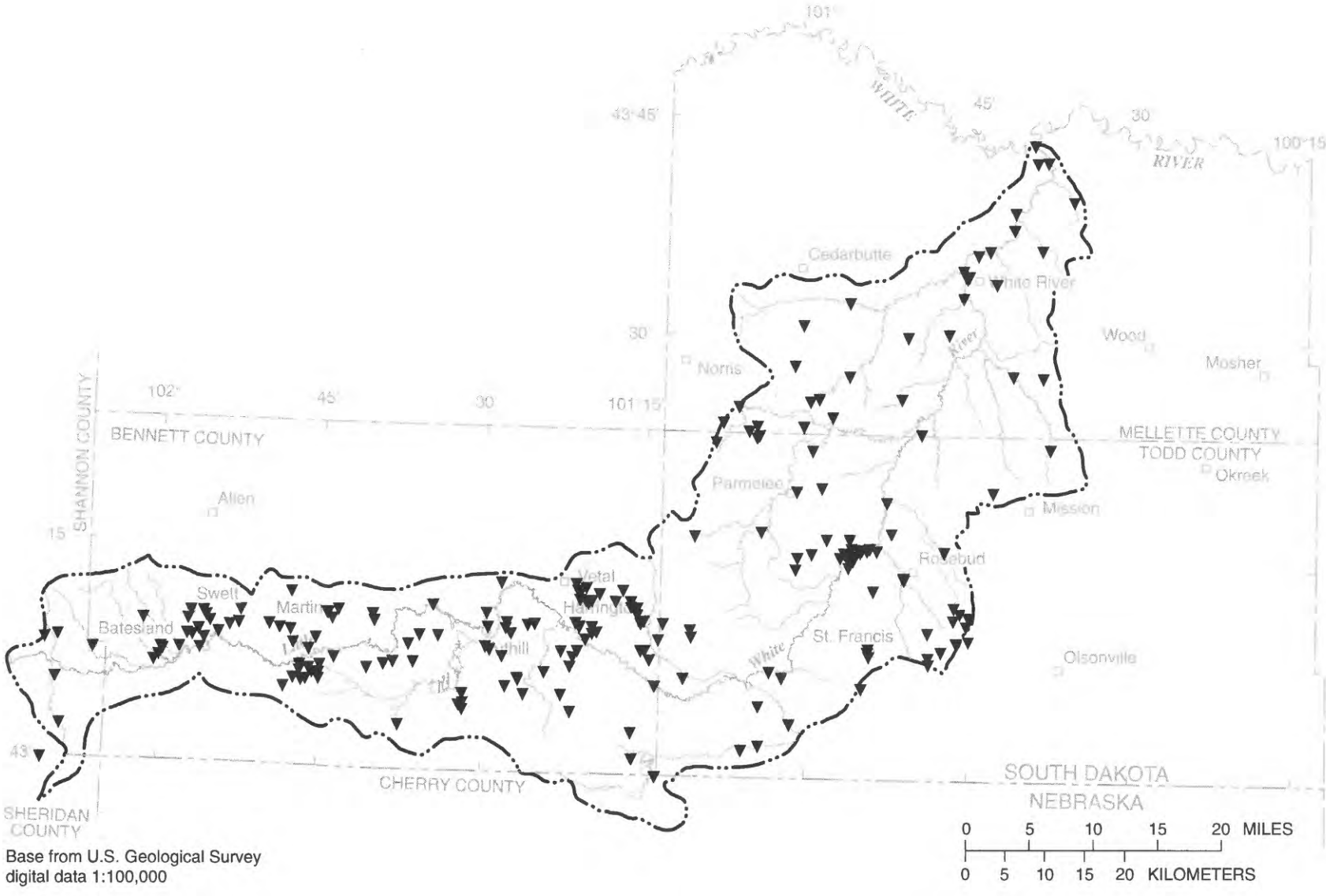
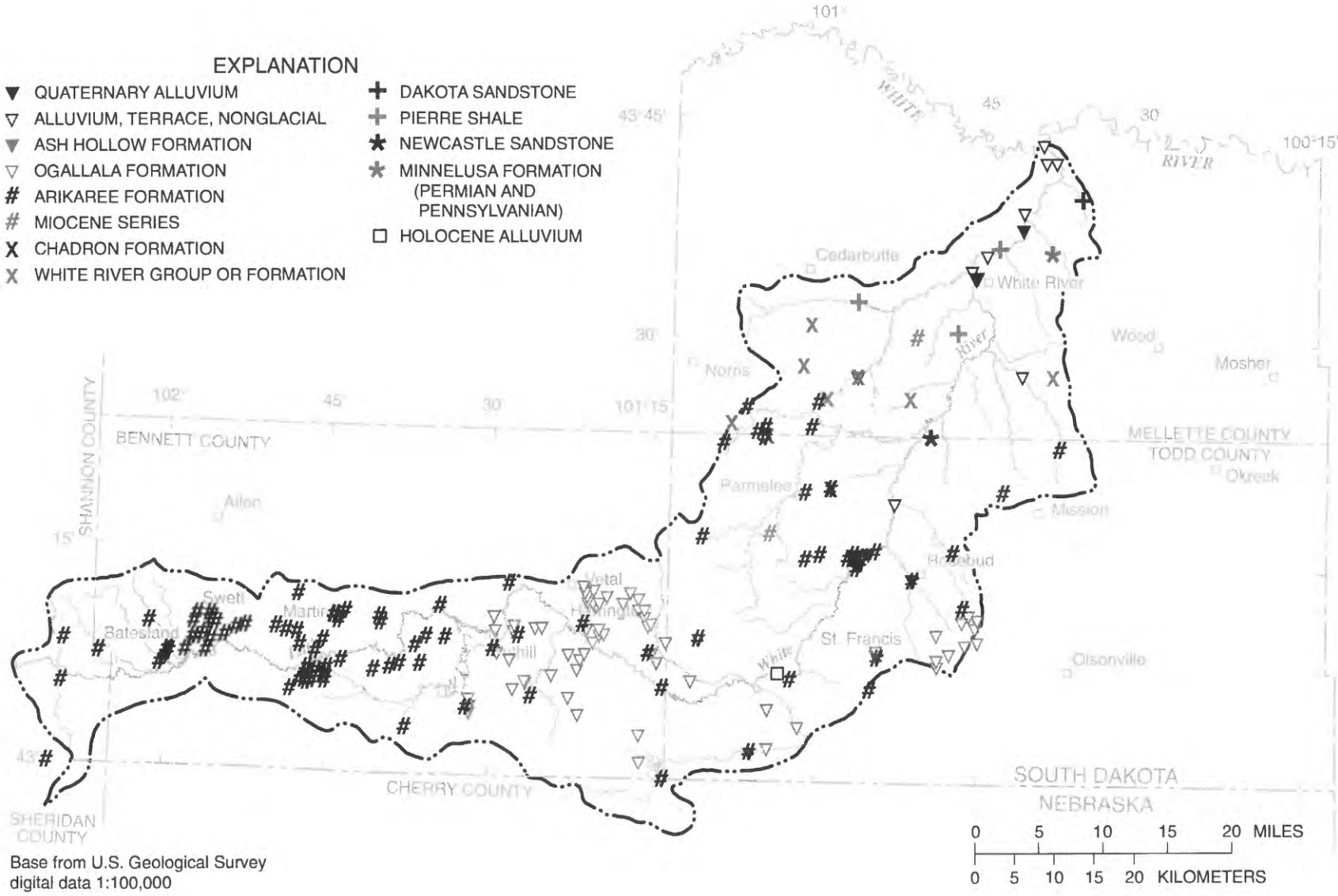


Figure 15. Location of ground-water sites in the Little White River Basin, South Dakota and Nebraska, from the U.S. Geological Survey database.



Base from U.S. Geological Survey digital data 1:100,000

Figure 16. Location of ground-water sites grouped by aquifer in the Little White River Basin, South Dakota and Nebraska, from the U.S. Geological Survey database.

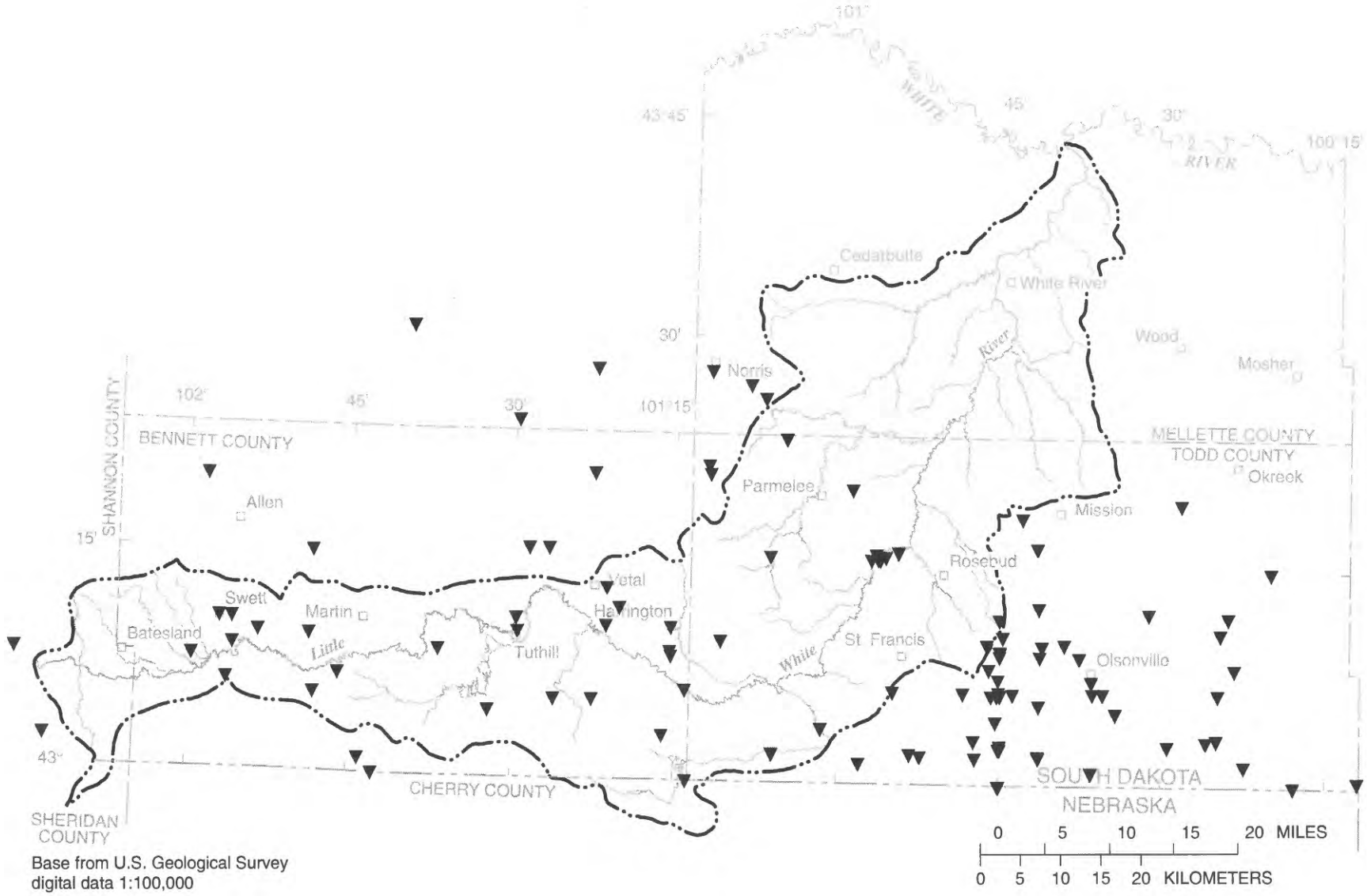


Figure 17. Location of ground-water sites with water-level data in the High Plains aquifer in South Dakota from the U.S. Geological Survey database.

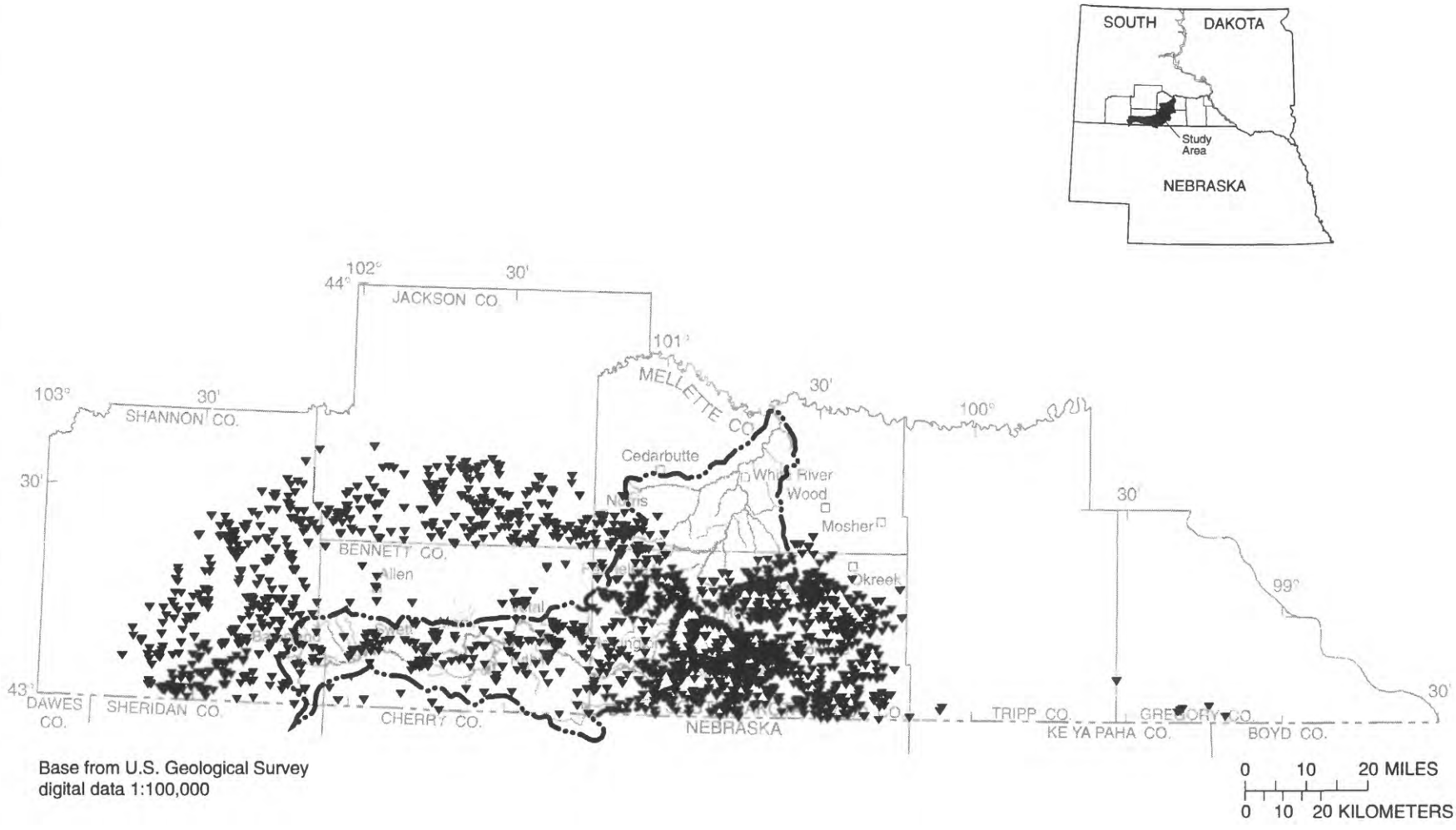


Figure 18. Location of ground-water sites in the High Plains aquifer in South Dakota from the U.S. Geological Survey database.

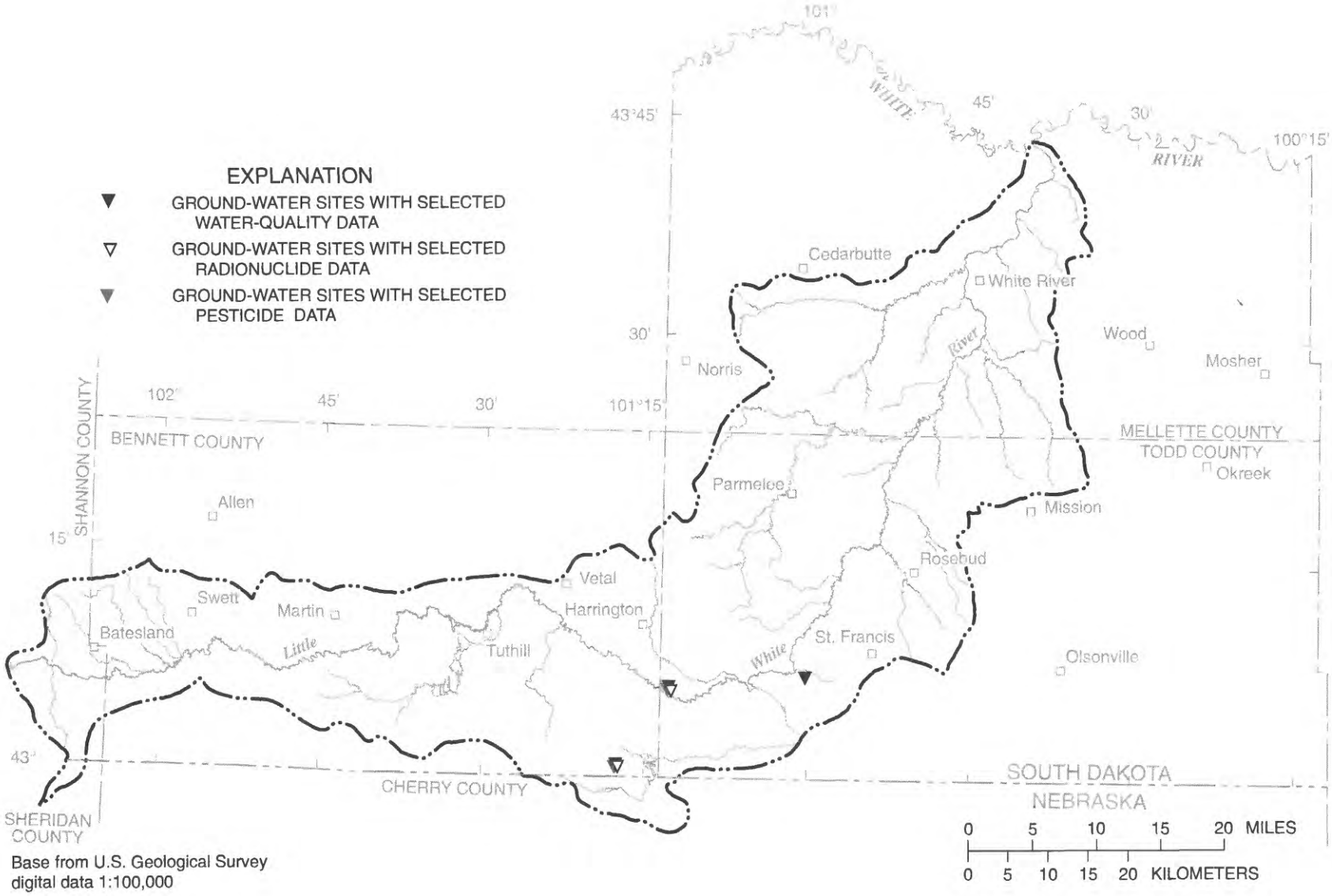


Figure 19. Location of selected South Dakota Geological Survey ground-water-quality sites in the Little White River Basin, South Dakota and Nebraska.

TABLES

Table 1. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1938	*	*	*	*	*	31.0	25.6	30.4	12.6	9.40	3.42	5.50	*
1939	8.61	11.6	7.19	12.0	11.4	45.0	25.8	37.9	11.4	7.91	4.91	4.87	15.8
1940	9.77	11.9	11.2	5.48	8.48	33.6	22.7	12.2	5.65	2.01	1.80	5.46	10.9
1962	*	*	*	*	*	*	*	*	*	*	10.4	9.12	*
1963	12.1	17.9	16.0	7.42	20.0	34.1	27.7	18.5	47.5	11.5	7.51	10.7	19.2
1964	11.5	14.2	7.97	7.16	10.8	24.0	41.4	31.6	22.9	10.4	5.38	6.74	16.2
1965	10.5	9.73	8.26	9.13	12.3	18.7	34.6	30.2	55.0	39.5	9.83	13.5	20.9
1966	18.2	18.3	16.6	10.3	11.2	157	38.7	21.7	15.5	9.30	12.1	15.2	28.9
1967	14.4	15.1	14.8	15.4	22.2	30.1	17.9	34.3	157	38.6	10.5	10.2	31.6
1968	12.2	15.6	9.71	12.8	16.6	35.5	45.8	23.5	63.6	14.2	9.99	9.14	22.3
1969	12.9	18.4	12.8	11.0	11.2	57.8	41.1	25.8	16.0	44.5	9.98	7.55	22.5
1970	13.1	18.3	16.3	12.2	17.1	23.1	50.2	27.6	16.0	7.40	4.24	5.72	17.6
1971	9.54	18.1	12.8	7.26	19.4	44.9	42.8	36.2	23.2	8.12	4.51	8.32	19.6
1972	13.7	15.1	11.5	6.89	17.4	32.3	28.7	46.1	16.9	10.9	8.93	7.78	18.0
1973	11.5	16.3	7.55	10.5	26.0	55.4	30.3	25.5	13.6	6.90	4.57	8.88	18.0
1974	14.6	17.9	13.6	14.3	18.4	24.2	35.5	16.7	10.7	5.19	5.66	6.61	15.2
1975	10.3	12.8	9.65	7.50	10.6	15.7	55.9	27.7	18.0	7.14	7.70	4.95	15.6
1976	9.16	10.7	8.69	7.60	27.3	23.4	24.7	20.7	7.28	4.70	6.94	13.5	13.6
1977	9.55	9.97	9.39	4.90	12.2	11.4	104	28.8	31.7	11.9	24.6	11.5	22.4
1978	20.6	20.6	11.7	8.34	8.24	97.5	47.9	36.8	21.7	13.3	10.9	8.62	25.7
1979	12.3	13.5	8.61	6.79	9.67	38.1	33.3	27.0	20.0	19.5	11.3	7.74	17.4
1980	7.86	9.80	10.3	6.78	8.26	24.5	39.2	17.6	11.4	4.85	4.77	8.58	12.8
1981	14.4	14.1	12.8	11.5	14.0	15.5	13.0	15.1	6.09	7.31	13.4	6.90	12.0
1982	11.5	14.9	13.5	4.51	21.7	30.7	24.8	50.5	27.6	11.7	6.37	8.44	18.8
1983	15.5	16.6	12.2	14.3	23.2	26.3	28.3	55.9	14.9	25.2	102	18.0	29.6
1984	14.4	17.2	13.9	18.2	27.9	36.4	32.2	22.2	11.9	10.3	10.2	6.39	18.4
1985	11.8	17.7	10.5	7.33	7.30	25.0	24.1	12.4	8.16	15.9	7.08	10.4	13.2
1986	13.5	10.7	5.59	12.5	23.7	97.1	45.6	25.5	24.7	12.0	12.1	15.1	24.9
1987	22.5	20.9	17.4	14.1	17.4	64.9	48.7	23.5	10.9	5.91	5.73	8.09	21.7
1988	12.1	14.9	11.5	4.98	28.4	73.0	31.0	54.7	16.5	9.47	4.81	5.72	22.3
1989	10.4	14.2	14.6	8.12	6.26	42.9	24.4	18.8	8.32	4.39	4.26	7.58	13.7
1990	9.63	13.4	8.06	11.3	13.8	22.3	18.2	30.5	58.9	12.1	19.4	6.55	18.7
1991	10.0	13.1	10.2	5.28	22.8	28.3	25.7	31.4	40.9	30.0	19.1	9.22	20.5
1992	11.0	18.5	11.6	11.4	18.1	27.1	20.6	13.0	13.1	11.4	12.0	10.9	14.9
1993	11.4	15.7	8.57	8.37	30.3	69.6	38.6	29.9	27.7	17.2	10.3	13.1	23.3
1994	20.8	23.8	28.8	13.9	35.1	124	31.9	27.3	28.7	37.6	10.1	9.24	32.7
1995	16.8	16.5	20.6	21.6	28.6	22.5	53.6	66.4	89.5	40.7	20.4	12.4	34.1
1996	20.8	22.9	16.4	18.0	48.0	57.5	37.9	44.6	32.3	11.1	9.11	13.9	27.6

Table 2. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1959	*	*	*	*	*	*	*	*	*	*	21.6	18.5	*
1960	28.3	32.3	31.3	28.5	51.6	186	111	91.7	64.6	28.4	25.5	47.8	60.6
1961	23.2	49.5	55.5	40.4	66.8	80.4	39.6	82.3	23.7	17.1	15.1	19.1	42.6
1962	41.8	44.4	31.5	24.1	32.5	64.7	94.1	111	170	86.5	44.1	26.6	64.4
1963	39.6	44.8	57.1	36.8	62.8	89.5	77.9	52.7	108	28.0	24.6	25.1	53.8
1964	29.8	42.7	30.8	26.5	36.5	51.5	91.9	94.0	62.0	38.8	18.6	22.3	45.4
1965	21.3	25.6	21.9	35.0	42.4	36.0	52.7	52.2	74.4	105	43.3	39.8	45.8
1966	47.5	51.8	55.6	43.7	41.1	202	86.3	73.7	29.7	37.9	66.4	46.8	65.6
1967	30.1	31.0	37.4	45.0	71.3	59.9	37.8	61.9	267	156	37.0	22.6	71.2
1968	27.2	35.6	28.5	42.1	53.9	71.9	126	61.9	143	79.7	49.3	34.5	62.6
1969	32.0	32.7	32.5	27.2	36.0	136	130	56.2	38.6	81.9	33.6	27.6	55.5
1970	34.0	33.0	29.7	36.4	45.7	96.5	143	103	48.7	21.5	17.4	19.0	52.3
1971	25.9	38.9	35.1	27.3	27.9	51.6	101	136	85.4	28.2	20.8	22.1	50.1
1972	25.7	35.8	26.1	26.7	44.8	70.5	67.8	136	60.2	41.8	42.5	27.0	50.5
1973	19.3	43.8	34.9	35.5	43.4	129	103	63.5	58.3	19.8	16.0	22.7	49.1
1974	39.3	32.9	24.1	42.5	57.0	50.5	82.3	63.4	28.4	16.2	16.9	17.9	39.1
1975	24.8	24.7	12.5	21.0	28.5	38.2	139	89.2	36.9	28.8	20.3	16.5	40.0
1976	21.3	29.5	23.0	28.9	65.1	55.6	60.0	64.7	45.7	40.3	19.6	20.0	39.3
1977	18.0	21.3	25.0	19.6	19.2	40.4	273	101	97.3	43.1	37.8	24.0	59.8
1978	34.5	44.5	56.9	43.7	31.7	205	142	108	88.4	45.1	32.7	23.5	71.6
1979	26.5	30.0	24.8	26.3	34.1	110	96.9	73.2	73.6	82.0	70.0	35.4	57.0
1980	29.1	46.3	62.0	40.0	49.2	66.8	99.7	63.3	39.0	17.9	15.2	24.3	46.0
1981	28.3	30.1	22.3	18.5	25.9	33.5	27.3	36.3	28.2	26.3	38.6	23.3	28.2
1982	25.5	33.2	34.8	22.2	91.7	73.7	65.3	99.5	100	91.2	25.9	35.5	58.0
1983	39.4	33.8	38.1	39.9	51.9	74.5	75.1	159	63.8	33.5	137	32.8	65.2
1984	40.4	58.2	53.8	53.9	76.9	115	110	77.0	52.7	32.9	19.0	18.3	58.9
1985	25.0	32.0	30.1	28.2	27.7	67.5	64.6	40.0	20.3	20.3	21.5	21.1	33.2
1986	28.8	24.8	22.4	26.7	62.3	189	161	95.5	72.7	31.7	31.2	40.2	65.4
1987	42.9	54.2	55.3	41.6	73.1	161	155	78.4	42.0	24.8	24.1	22.8	64.5
1988	28.0	35.6	28.8	19.2	58.2	139	82.0	128	105	30.7	25.6	24.1	58.7
1989	23.4	29.6	33.7	27.9	27.4	69.4	68.4	52.1	32.8	34.1	18.3	18.2	36.3
1990	24.2	28.9	27.2	32.8	39.6	82.0	65.4	60.5	148	30.7	41.6	40.4	51.7
1991	32.9	23.6	35.2	41.1	50.7	52.9	70.9	185	222	58.2	80.4	56.9	75.8
1992	49.4	56.9	70.6	55.1	80.1	84.6	39.6	28.5	31.0	33.0	30.1	33.4	49.3
1993	26.9	33.9	32.0	26.2	52.8	124	122	85.5	82.2	78.7	76.8	69.4	67.6
1994	58.1	55.6	80.5	78.3	56.2	196	92.7	80.7	87.4	80.1	65.8	43.3	81.6
1995	45.9	53.1	53.7	69.0	76.6	57.2	114	178	225	108	41.7	47.2	89.0
1996	51.8	79.2	80.2	52.4	102	101	110	114	121	63.9	44.4	43.8	80.1

Table 3. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1982	77.6	78.8	67.4	51.1	161	131	94.9	167	165	143	69.9	77.6	107
1983	93.8	82.1	81.6	86.9	98.0	135	142	268	148	105	161	68.2	123
1984	76.0	111	91.8	93.0	145	199	190	124	114	67.7	54.5	45.2	109
1985	69.6	70.8	56.1	67.8	69.3	119	127	89.6	50.8	54.0	58.2	56.3	74.0
1986	74.2	56.0	56.3	73.0	143	203	218	157	120	68.4	60.2	110	111
1987	84.4	90.9	101	97.3	131	252	239	136	97.4	64.5	62.5	56.4	118
1988	66.1	89.7	80.1	57.7	88.1	210	143	181	187	85.8	64.9	64.0	110
1989	70.8	75.9	64.6	62.5	60.3	140	125	108	69.2	70.7	45.4	51.9	78.8
1990	55.5	62.9	51.1	74.9	74.6	106	114	126	171	64.1	78.6	78.8	88.1
1991	81.7	68.2	59.9	71.4	118	107	129	238	281	90.5	123	104	123
1992	90.9	101	103	95.0	147	160	102	72.7	69.0	66.0	73.8	74.5	96.1
1993	71.2	58.5	34.9	75.5	147	158	198	160	159	186	168	110	127
1994	108	76.5	113	130	196	388	119	104	140	105	100	66.1	137
1995	78.9	83.8	80.7	98.1	135	108	193	263	291	155	79.5	106	139
1996	102	116	123	99.2	85.8	147	169	199	192	110	91.5	90.0	127

Table 4. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1943	*	*	*	*	*	*	*	*	120	83.3	49.9	51.1	*
1944	62.8	84.7	64.9	70.5	88.4	361	238	228	277	228	78.7	63.4	154
1945	81.3	90.7	105	96.1	163	344	170	104	149	67.8	72.8	61.7	125
1946	71.8	62.1	54.4	61.2	84.9	192	139	126	118	65.5	66.5	94.8	94.7
1947	118	128	119	85.3	101	207	204	131	220	121	51.6	53.9	128
1948	67.1	90.2	84.5	83.2	116	143	132	159	129	89.6	76.0	68.6	103
1949	76.9	95.4	71.4	47.9	60.2	396	206	142	115	68.3	58.5	58.5	117
1950	88.3	81.3	65.2	42.7	119	303	222	196	90.2	78.8	84.8	70.9	120
1951	71.2	82.2	89.3	76.8	107	138	152	140	159	147	79.6	77.9	110
1952	83.4	104	52.2	83.9	96.6	219	277	172	143	85.2	63.2	55.2	119
1953	66.4	79.8	66.1	90.3	80.9	285	231	280	106	91.0	74.4	67.2	127
1954	73.5	92.4	98.3	78.9	101	194	163	128	107	55.4	60.5	63.0	101
1955	74.5	81.6	95.7	94.0	109	321	167	105	136	80.4	61.6	70.3	116
1956	74.8	78.3	71.3	87.7	123	203	157	123	77.4	57.6	91.3	60.6	100
1957	63.4	64.4	65.3	63.7	89.2	158	254	254	223	86.3	94.4	77.2	124
1958	86.9	108	102	74.4	77.5	169	255	155	143	124	72.1	63.7	119
1959	71.0	67.4	66.6	62.3	60.4	156	155	140	73.5	63.7	65.1	56.8	86.8
1960	72.8	76.7	106	63.1	75.2	357	218	177	116	66.0	58.8	87.6	123
1961	68.2	96.0	97.3	92.6	124	140	106	173	69.4	46.0	51.6	58.6	93.5
1962	88.7	83.5	63.9	23.1	74.3	109	162	204	289	211	96.8	73.3	123
1963	82.2	99.9	110	89.7	104	169	155	119	171	72.3	56.2	70.4	108
1964	77.1	91.3	64.2	80.2	93.6	101	169	148	119	85.4	48.6	56.1	94.3
1965	63.9	74.0	70.6	79.7	95.4	98.9	107	103	109	163	78.1	79.8	93.5
1966	90.2	101	104	93.2	83.6	321	156	127	74.3	67.0	108	90.2	118
1967	75.8	74.2	93.7	89.5	111	127	92.0	107	417	196	79.6	79.6	128
1968	73.4	77.9	56.3	61.0	95.3	124	208	129	297	126	92.5	76.7	118
1969	75.8	83.6	80.4	69.2	84.3	254	215	114	99.3	134	78.1	65.8	113
1970	76.7	78.8	70.8	74.5	115	164	223	179	94.5	58.5	48.7	58.0	103
1971	66.9	82.3	73.4	68.2	88.2	136	222	209	131	66.5	52.2	62.6	105
1972	72.7	83.2	67.8	57.7	73.3	125	132	219	117	91.9	84.1	63.3	99.1
1973	65.7	95.9	76.9	74.4	129	234	176	142	116	58.0	45.3	62.7	106
1974	83.8	88.9	82.5	112	131	124	149	120	73.2	44.1	53.9	50.4	92.5
1975	65.1	71.7	61.4	70.7	74.0	102	208	142	86.5	66.4	60.5	50.2	88.2
1976	66.9	64.4	69.2	60.4	124	98.5	101	94.3	70.7	85.0	48.4	56.0	78.0
1977	63.1	65.9	60.5	50.3	66.1	117	401	174	146	77.5	85.5	77.3	115
1978	90.5	95.3	93.3	76.5	73.7	335	236	180	147	107	95.2	67.9	134
1979	61.1	60.0	68.7	60.4	70.3	202	210	135	151	139	104	72.8	111

Table 4. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1980	80.6	102	89.2	55.2	85.6	98.4	173	117	97.3	54.2	63.6	80.0	91.1
1981	81.3	81.0	76.0	71.7	94.2	91.6	85.9	97.5	78.6	74.4	117	83.2	86.0
1982	87.0	85.0	73.1	56.1	168	143	103	196	193	163	79.7	74.5	118
1983	95.9	95.0	88.6	100	107	146	156	282	150	124	164	83.2	133
1984	99.9	117	101	103	141	204	201	124	110	85.6	61.6	51.8	117
1985	76.0	80.5	63.6	75.6	75.6	129	130	92.7	62.5	56.4	65.4	62.9	80.9
1986	85.1	64.7	57.8	76.7	156	226	239	154	126	91.1	74.3	89.8	120
1987	105	106	121	104	138	255	285	185	115	67.8	71.6	70.7	135
1988	79.0	93.0	85.1	74.0	105	247	168	214	200	94.0	71.8	69.4	125
1989	80.5	88.4	79.0	50.2	74.2	139	130	107	77.1	68.5	53.0	65.9	84.5
1990	76.4	66.6	63.0	85.5	92.2	132	125	147	184	90.7	76.5	77.4	101
1991	92.5	85.6	65.9	90.0	132	113	132	277	325	98.4	132	116	138
1992	91.0	131	131	106	152	169	106	87.5	86.2	93.6	88.5	85.0	110
1993	76.3	76.4	51.4	109	199	205	240	182	153	128	123	116	138
1994	97.2	77.1	121	150	231	385	142	123	136	119	123	82.2	149
1995	82.3	93.8	86.9	111	144	135	225	302	340	146	77.8	83.9	152
1996	116	154	144	104	138	204	213	219	208	111	93.6	95.7	150

Table 5. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06450500, Little White River below White River, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1950	111	76.7	57.1	31.0	99.8	505	247	308	98.9	70.2	86.2	79.6	148
1951	72.8	73.6	79.5	82.4	89.1	155	151	159	257	170	143	100	128
1952	114	73.7	39.1	91.6	135	675	515	246	148	87.9	61.2	33.0	185
1953	60.7	69.8	61.0	80.3	85.9	533	344	545	255	102	69.2	54.0	189
1954	73.9	96.0	77.6	89.7	142	206	161	144	110	60.4	64.8	60.9	107
1955	83.5	86.7	94.2	92.4	117	476	200	143	172	74.3	60.3	71.8	139
1956	75.5	69.9	73.1	82.7	109	224	137	143	70.6	53.8	110	52.8	100
1957	62.1	77.8	89.2	85.6	106	170	269	256	220	75.8	93.7	62.7	131
1958	83.2	103	117	99.7	85.4	173	301	152	151	134	75.4	57.4	128
1959	71.3	69.3	66.7	65.9	79.5	173	167	137	76.5	57.0	56.1	54.1	89.5
1960	66.2	72.2	95.3	80.8	94.0	593	239	200	128	72.1	65.0	86.3	150
1961	64.1	91.1	94.7	91.8	150	155	102	165	80.5	66.7	51.7	42.1	96.0
1962	81.3	97.9	79.1	28.5	57.5	178	177	433	714	574	110	74.3	218
1963	90.6	105	111	93.2	105	178	174	133	198	76.4	61.1	71.3	116
1964	73.4	88.8	55.2	71.9	90.3	98.2	179	163	165	84.9	49.1	53.3	97.5
1965	56.9	67.3	69.4	79.8	86.8	103	117	118	125	155	71.7	76.0	93.8
1966	86.6	99.3	93.4	87.7	84.5	478	195	148	84.2	71.8	133	111	140
1967	71.2	63.8	85.2	92.3	112	151	93.1	114	907	244	68.9	73.9	172
1968	71.0	71.0	58.4	56.6	96.6	146	288	139	931	123	87.2	63.3	176
1969	63.3	79.7	70.5	68.8	87.5	286	229	117	88.5	136	64.7	53.6	112
1970	75.1	81.4	78.0	76.9	122	147	250	170	100	41.7	39.8	42.9	102
1971	58.4	84.3	69.3	69.0	98.4	149	481	245	168	65.3	46.5	52.9	132
1972	78.5	78.7	63.2	62.6	81.2	109	122	200	129	133	88.4	55.0	100
1973	64.8	87.2	77.3	75.4	130	213	184	159	110	49.0	41.2	84.7	106
1974	89.5	84.1	86.4	114	137	118	139	105	67.1	31.3	37.1	45.4	87.6
1975	57.6	70.6	62.6	72.5	74.9	109	222	131	102	44.2	44.2	44.9	86.0
1976	68.6	60.5	69.4	59.8	143	108	100	98.8	67.4	78.4	44.7	52.3	79.0
1977	53.3	66.9	66.6	52.3	72.1	201	613	208	126	114	96.3	89.1	146
1978	111	95.7	99.8	85.5	83.0	815	330	325	144	101	75.4	59.4	195
1979	76.2	81.2	77.9	66.5	73.8	211	205	211	251	203	91.0	112	139
1980	91.1	62.1	94.5	60.7	83.9	131	203	147	123	46.5	72.8	94.1	101
1981	89.9	107	83.7	74.9	89.7	85.9	76.9	86.0	82.8	74.4	62.1	70.8	81.9
1982	65.1	71.3	61.6	56.7	212	147	131	263	308	162	74.5	84.3	136
1983	141	125	103	108	121	138	171	614	204	133	117	120	175
1984	88.1	83.7	102	108	170	236	231	136	117	80.2	49.2	49.9	121
1985	71.1	83.1	71.2	76.5	83.3	158	132	82.5	54.7	48.5	67.1	57.4	82.1
1986	68.9	61.8	56.5	76.1	158	307	398	204	226	81.5	64.0	92.0	149

Table 5. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06450500, Little White River below White River, South Dakota—Continued

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1987	95.5	98.0	121	123	236	340	379	187	97.2	65.9	51.5	55.3	153
1988	68.0	91.3	111	56.9	75.9	245	167	248	159	76.2	52.0	62.6	118
1989	73.2	74.4	71.6	66.4	75.4	192	113	97.1	75.7	68.8	43.7	59.4	84.3
1990	65.3	80.7	79.1	83.6	117	135	140	159	275	117	89.5	74.4	118
1991	73.1	70.7	60.9	82.0	110	119	145	319	502	102	112	93.6	149
1992	87.3	125	148	169	179	181	106	111	93.0	97.0	81.2	83.0	122
1993	90.0	122	91.5	89.8	133	328	190	159	126	104	119	117	139
1994	125	110	160	149	289	526	209	159	161	120	123	72.2	183
1995	64.3	96.0	95.8	122	193	392	511	583	410	142	73.3	75.1	230
1996	116	140	150	117	170	318	256	480	282	152	106	104	200

Table 6. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06448000, Lake Creek above refuge, near Tuthill, South Dakota.

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1938	*	*	*	*	*	23.6	22.9	22.5	16.1	15.8	13.1	15.6	*
1939	15.8	14.5	7.39	15.0	11.1	26.5	18.9	9.99	8.83	10.9	13.3	13.7	13.8
1940	17.9	20.8	23.4	13.4	21.2	26.9	25.2	14.6	11.3	10.3	15.7	15.3	18.0
1962	*	*	*	*	*	*	*	*	*	*	17.0	17.3	*
1963	19.1	23.1	20.2	17.6	24.4	26.4	23.3	19.0	20.6	15.5	14.9	17.9	20.1
1964	19.8	18.3	18.1	19.9	20.7	26.7	31.6	23.0	22.0	13.5	12.9	15.6	20.2
1965	16.9	16.3	14.7	19.8	17.1	20.5	22.3	23.8	21.5	17.4	15.3	19.5	18.8
1966	20.9	19.3	21.1	18.0	20.9	37.6	23.2	18.0	16.9	14.7	17.3	18.7	20.6
1967	19.5	19.8	21.2	18.0	20.7	24.6	20.7	28.4	29.9	18.8	15.9	17.3	21.2
1968	18.2	20.5	21.3	21.4	23.2	25.5	26.0	22.0	29.3	19.9	20.2	17.6	22.1
1969	18.8	21.2	14.5	18.7	23.3	32.0	27.6	17.3	17.3	20.3	9.57	13.7	19.5
1970	17.9	22.7	21.1	20.1	25.7	25.9	28.5	22.0	17.2	12.3	8.40	11.5	19.4
1971	18.5	22.1	18.5	21.7	24.5	25.2	28.5	24.6	19.5	13.3	9.66	14.6	20.0
1972	19.8	23.8	23.0	21.1	26.0	26.6	27.4	26.0	18.7	19.9	17.3	15.0	22.0
1973	17.6	20.4	17.6	20.0	24.7	31.4	23.6	23.6	16.0	14.2	11.3	18.2	19.8
1974	18.7	20.8	23.2	24.4	29.7	23.0	25.9	20.6	13.9	10.3	13.4	14.3	19.8
1975	16.6	17.8	18.7	19.8	18.3	30.2	30.0	18.7	23.6	14.8	11.9	11.5	19.3
1976	15.0	16.6	19.1	12.9	18.4	17.5	18.6	18.8	13.5	12.9	13.2	13.5	15.8
1977	16.5	18.8	19.8	16.1	25.1	38.1	37.3	23.8	15.9	15.7	19.9	16.7	21.9
1978	19.9	20.3	20.6	16.1	20.7	31.1	27.8	25.4	18.1	16.5	15.9	14.7	20.6
1979	18.1	20.4	20.7	12.2	17.2	*	*	*	*	*	*	*	*
1996	*	*	*	*	*	*	*	36.4	22.9	18.6	18.2	24.1	*

Table 7. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1939	23.8	17.6	17.2	20.9	14.9	24.9	0.17	0.029	0.033	0.24	0.084	0.11	10.0
1940	.000	.000	.000	.000	.000	.058	15.8	9.73	.56	3.58	4.88	2.40	3.09
1962	*	*	*	*	*	*	*	*	*	*	10.4	3.39	*
1963	3.59	18.8	22.7	9.00	18.0	39.2	29.5	13.7	11.3	7.64	1.16	.30	14.5
1964	6.71	14.3	9.00	19.2	30.1	12.8	30.2	36.6	14.9	14.9	2.06	1.16	15.9
1965	1.07	3.99	18.9	20.6	21.7	7.76	.090	5.15	19.7	36.4	19.9	10.5	13.8
1966	16.7	20.9	26.8	17.6	18.0	22.0	17.6	23.5	2.11	9.13	34.6	15.1	18.7
1967	2.50	.69	9.03	18.3	28.7	18.6	.24	2.56	105	63.4	3.52	.91	21.0
1968	1.05	5.22	10.0	17.4	18.6	7.52	43.9	19.6	47.2	40.9	9.11	9.36	19.1
1969	4.82	3.36	5.31	14.8	21.5	49.2	53.2	13.2	8.83	27.8	5.85	.29	17.3
1970	.94	.62	1.85	17.2	14.8	39.8	53.9	39.4	14.8	1.54	1.49	2.93	15.8
1971	2.15	6.84	7.82	5.35	3.49	20.6	35.1	69.9	30.7	2.59	1.49	1.81	15.7
1972	2.30	2.10	3.54	11.9	12.3	17.5	27.0	72.7	19.6	13.8	18.6	7.20	17.4
1973	2.09	9.21	17.1	19.7	20.9	49.0	48.5	21.7	32.4	2.37	1.04	3.11	18.9
1974	1.11	5.68	8.95	28.5	18.8	11.5	28.4	23.8	4.35	2.17	1.27	.79	11.2
1975	.82	1.26	1.17	3.65	13.2	13.2	57.0	26.0	4.04	4.18	1.51	1.71	10.6
1976	.61	2.07	2.07	8.10	22.8	22.7	19.1	17.7	23.5	23.2	2.41	1.16	12.1
1977	.57	2.31	.58	3.56	2.79	24.3	96.1	55.1	46.4	6.69	4.04	1.61	20.3
1978	2.91	5.50	28.4	23.6	7.88	35.5	50.3	46.9	25.6	13.0	5.06	2.71	20.7
1979	.73	1.17	8.37	12.2	17.3	44.5	47.0	31.7	29.9	46.4	36.6	12.6	24.1
1980	.58	18.6	32.7	12.0	17.9	28.0	48.0	25.5	7.13	2.86	2.57	.43	16.3
1981	.40	.051	1.01	10.6	39.7	5.98	4.85	7.38	7.72	8.72	13.5	1.29	8.23
1982	2.52	2.33	8.07	19.6	26.3	26.3	32.4	23.3	63.4	29.8	1.91	.32	19.6
1983	2.15	1.90	17.3	23.2	24.5	30.6	17.5	58.2	27.8	3.01	6.03	8.88	18.4
1984	11.9	37.2	31.3	17.1	15.3	39.2	41.6	26.9	8.21	3.47	.98	.71	19.5
1985	.67	2.71	5.56	17.3	11.1	18.0	18.0	9.46	1.76	1.86	.50	3.03	7.48
1986	1.04	1.72	14.0	9.04	37.6	50.3	89.9	44.4	27.8	9.28	4.43	13.2	25.0
1987	11.0	21.6	26.0	24.4	30.4	109	72.3	20.3	8.67	3.12	2.08	1.89	27.5
1988	1.93	1.73	4.11	26.5	37.2	58.3	37.0	61.1	60.6	5.13	12.0	6.56	26.0
1989	.43	.058	3.13	7.69	9.80	30.0	27.6	17.2	12.0	16.1	1.69	.54	10.5
1990	1.41	1.03	5.55	3.24	14.5	44.5	28.5	15.1	61.9	.96	7.50	27.5	17.5
1991	.93	5.62	25.9	18.9	11.4	7.29	25.3	79.3	139	9.33	30.7	35.0	32.4
1992	19.6	12.3	26.2	28.6	30.9	26.7	9.17	1.41	.60	6.11	7.51	18.6	15.6
1993	3.32	8.64	9.76	10.6	28.4	52.0	36.0	36.0	22.6	21.2	28.9	35.8	24.4
1994	17.5	17.8	38.8	39.0	25.2	52.9	39.1	32.6	37.7	31.5	42.8	6.67	31.9
1995	9.60	19.9	23.7	26.5	43.9	32.9	30.0	52.7	72.2	36.9	5.58	15.1	30.6
1996	15.8	35.0	47.3	26.3	30.1	38.5	44.3	38.7	48.7	30.5	23.9	18.7	33.1

Table 8. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449250, Spring Creek near St. Francis, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1960	0.048	0.057	0.000	0.000	0.034	7.76	22.2	19.2	1.67	0.51	0.065	0.000	4.30
1961	.000	.023	.000	.000	.071	4.69	4.08	8.53	1.67	.55	.016	.013	1.65
1962	.000	.000	.000	.013	.036	.60	7.11	12.2	38.1	22.5	2.63	.020	6.94
1963	.000	.000	.068	.18	2.64	15.1	11.6	6.31	5.09	.45	.071	.12	3.47
1964	.023	.000	.016	.032	.20	8.10	17.7	13.7	4.12	1.74	.000	.013	3.81
1965	.000	.000	.000	.000	.000	.068	5.27	5.02	3.37	.029	.013	.023	1.15
1966	.005	.006	.52	.63	.32	11.6	14.0	5.85	.82	.10	.34	.095	2.87
1967	.10	.062	.33	.43	5.85	10.1	2.63	1.94	19.0	4.56	.17	.32	3.76
1968	.000	.000	.000	.000	1.32	8.64	18.2	9.34	15.7	1.94	1.84	.91	4.80
1969	.17	1.61	1.43	.039	.075	12.6	17.7	7.30	3.37	1.51	.036	.000	3.83
1970	.000	.027	.015	.026	.49	10.3	22.9	11.2	1.66	.044	.000	.000	3.90
1971	.000	.000	.000	.000	.000	7.52	22.8	19.6	7.34	.11	.000	.000	4.79
1972	.000	.000	.000	.000	.000	3.79	6.92	15.0	5.30	.51	1.44	.000	2.76
1973	.000	.000	.000	.000	5.06	21.8	16.3	9.75	4.00	.004	.000	.000	4.74
1974	.000	.000	.13	.44	7.82	8.76	6.94	4.86	.98	.002	.003	.000	2.46

Table 9. Monthly mean and annual flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota

[*, no data]

Water year	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1975	6.79	7.09	7.07	6.90	6.18	7.35	10.2	7.89	6.25	4.47	4.68	4.31	6.60
1976	5.42	5.64	5.97	6.44	7.08	6.73	6.52	5.64	3.47	7.57	3.79	4.14	5.70
1977	5.30	8.68	6.25	7.15	7.61	8.46	12.0	9.92	8.33	6.94	6.64	7.79	7.91
1978	9.36	7.64	7.21	6.45	6.69	21.6	10.7	9.27	3.43	4.64	10.2	6.03	8.63
1979	6.81	7.58	7.83	8.88	8.54	9.73	8.59	7.40	10.9	7.02	4.13	1.96	7.44
1980	6.23	6.74	6.77	7.27	8.43	7.38	8.34	7.55	6.00	3.96	4.73	3.96	6.44
1981	10.2	9.12	7.59	5.62	8.34	6.90	5.69	7.47	6.68	7.67	11.6	4.17	7.60
1982	13.7	7.04	5.58	5.40	9.64	8.68	8.13	9.98	9.03	5.89	4.05	7.76	7.89
1983	8.62	8.09	7.14	5.84	6.18	7.68	8.18	12.9	8.18	5.51	5.16	5.48	7.43
1984	6.80	8.17	7.12	6.96	7.51	9.75	9.46	8.01	7.13	7.12	6.44	5.88	7.53
1985	7.23	8.32	7.09	6.72	8.67	11.0	9.78	6.82	6.55	4.32	5.11	6.06	7.29
1986	6.40	7.60	8.36	8.09	10.1	15.3	13.5	8.53	8.27	6.59	5.99	7.38	8.84
1987	7.47	8.49	7.86	6.73	7.96	10.6	10.6	9.22	10.0	6.96	5.65	6.40	8.16
1988	7.23	7.49	7.48	8.14	7.23	8.00	8.32	16.4	8.38	6.85	4.86	5.98	8.04
1989	7.27	7.74	7.52	7.52	6.90	9.03	7.72	7.83	5.94	4.78	4.45	5.91	6.89
1990	6.22	6.72	5.99	6.88	6.80	7.16	7.22	8.12	8.95	8.34	6.38	6.78	7.13
1991	7.21	6.98	6.54	7.51	9.05	7.11	8.98	9.68	10.0	5.96	4.81	5.06	7.39
1992	7.30	8.33	7.79	7.47	6.63	6.98	7.82	6.23	7.45	6.61	5.96	6.42	7.08
1993	5.49	6.27	4.13	5.05	4.24	10.5	9.73	9.86	8.40	4.49	5.54	6.51	6.70
1994	7.63	8.88	7.76	7.17	9.96	10.6	7.55	8.43	11.4	10.4	6.32	6.41	8.53
1995	7.13	6.85	6.93	7.25	8.48	7.94	11.5	13.0	19.1	8.63	6.85	7.22	9.23
1996	10.3	8.66	7.91	7.80	8.98	7.75	8.85	12.4	7.68	6.40	5.14	7.43	8.27

Table 10. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota, for water years 1938-40 and 1962-96

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	36	36	36	36	36	37	37	37	37	37	38.	38	36
Maximum	22.5	23.8	28.8	21.6	48.0	157	104	66.4	157	44.5	102	18.0	34.1
Percentile													
75th	14.4	18.0	14.4	12.7	23.6	56.4	42.1	35.2	30.2	16.5	11.5	11.0	23.1
50th	12.1	15.4	11.5	9.71	17.4	32.3	32.2	27.6	16.9	11.1	9.47	8.60	19.0
25th	10.3	13.2	8.86	7.18	11.2	24.1	25.2	21.2	11.6	7.35	5.26	6.71	15.6
Minimum	7.86	9.73	5.59	4.51	6.26	11.4	13.0	12.2	5.65	2.01	1.80	4.87	10.9
Mean	13.0	15.6	12.3	10.3	18.5	43.8	35.5	29.7	27.5	14.9	11.7	9.27	20.3
Standard deviation	3.70	3.54	4.39	4.13	9.06	31.6	15.7	12.7	28.6	11.6	15.8	3.21	6.02
Skewness	1.13	0.26	1.65	0.79	1.08	2.01	2.36	1.07	3.07	1.48	5.26	0.83	0.66
Coefficient of variation	0.28	0.23	0.36	0.40	0.49	0.72	0.44	0.43	1.04	0.78	1.35	0.35	0.30
Variance	13.7	12.5	19.3	17.1	82.1	995	246	161	815	133	251	10.3	36.2
Percent of annual flow	5.38	6.44	5.06	4.24	7.64	18.1	14.7	12.3	11.4	6.14	4.85	3.83	--

Table 11. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota, for water years 1959-96

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	37	37	37	37	37	37	37	37	37	37	38	38	37
Maximum	58.1	79.2	80.5	78.3	102	205	273	185	267	156	137	69.4	89.0
Percentile													
75th	39.5	45.6	54.6	42.3	64.0	126	118	105	102	79.2	43.5	39.9	65.3
50th	28.8	33.9	32.5	35.0	50.7	74.5	92.7	80.7	64.6	34.1	30.6	24.7	57.0
25th	25.2	30.0	26.6	26.6	35.0	56.4	66.6	61.9	38.8	28.1	20.1	21.8	45.9
Minimum	18.0	21.3	12.5	18.5	19.2	33.5	27.3	28.5	20.3	16.2	15.1	16.5	28.2
Mean	32.2	38.8	38.8	36.0	51.2	94.9	96.7	87.5	83.2	49.3	37.1	30.4	56.4
Standard deviation	9.77	12.3	16.9	13.4	19.6	50.7	45.0	37.1	59.4	32.1	24.4	12.3	14.0
Skewness	0.89	1.16	1.01	1.25	0.60	0.97	1.63	0.95	1.57	1.42	2.23	1.25	0.20
Coefficient of variation	0.30	0.32	0.44	0.37	0.38	0.53	0.47	0.42	0.71	0.65	0.66	0.41	0.25
Variance	95.5	151	287	180	384	2,570	2,030	1,380	3,530	1,030	593	152	195
Percent of annual flow	4.76	5.73	5.74	5.32	7.58	14.1	14.3	12.9	12.3	7.29	5.49	4.49	--

Table 12. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota, for water years 1982-96

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	15	15	15	15	15	15	15	15	15	15	15	15	15
Maximum	108	116	123	130	196	388	239	268	291	186	168	110	139
Percentile													
75th	90.9	90.9	101	97.3	147	203	193	199	187	110	100	104	127
50th	77.6	78.8	80.1	75.5	131	147	142	157	148	85.8	73.8	74.5	111
25th	70.8	68.2	56.3	67.8	85.8	119	119	108	97.4	66.0	60.2	56.4	96.1
Minimum	55.5	56.0	34.9	51.1	60.3	106	94.9	72.7	50.8	54.0	45.4	45.2	74.0
Mean	80.1	81.5	77.6	82.2	120	171	154	160	150	95.7	86.1	77.3	111
Standard deviation	13.9	17.9	25.0	20.4	39.0	74.0	44.5	60.8	70.2	38.9	37.4	22.0	19.8
Skewness	0.49	0.53	0.23	0.65	0.09	1.99	0.55	0.56	0.69	1.17	1.36	0.33	-0.54
Coefficient of variation	0.17	0.22	0.32	0.25	0.33	0.43	0.29	0.38	0.47	0.41	0.43	0.28	0.18
Variance	94.3	320	626	416	1,520	5,480	1,980	3,700	4,920	1,510	1,390	485	392
Percent of annual flow	6.00	6.10	5.82	6.16	8.99	12.8	11.5	12.0	11.3	7.17	6.45	5.79	--

Table 13. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota, for water years 1943-96

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	53	53	53	53	53	53	53	53	54	54	54	54	53
Maximum	118	154	144	150	231	396	401	302	417	228	164	116	154
Percentile													
75th	86.9	95.3	96.5	91.4	126	240	222	190	162	122	89.2	79.8	125
50th	76.7	83.6	76.0	76.7	101	169	169	142	123	85.5	74.3	69.8	116
25th	71.1	76.9	65.2	62.7	82.2	128	135	121	96.6	66.9	60.1	61.4	99.6
Minimum	61.1	60.0	51.4	23.1	60.2	91.6	85.9	87.5	62.5	44.1	45.3	50.2	78.0
Mean	79.5	87.4	81.9	78.6	107	193	182	160	147	96.7	77.1	71.5	114
Standard deviation	12.7	17.9	21.4	21.4	34.8	84.5	59.0	53.4	75.9	40.9	23.9	14.7	18.8
Skewness	1.05	1.34	0.88	0.40	1.30	0.92	0.94	0.96	1.67	1.38	1.31	1.00	0.19
Coefficient of variation	0.16	0.21	0.26	0.27	0.32	0.44	0.32	0.33	0.52	0.42	0.31	0.21	0.17
Variance	61.8	321	459	459	1,210	7,140	3,480	2,850	5,760	1,680	573	216	354
Percent of annual flow	5.84	6.42	6.01	5.77	7.89	14.2	13.3	11.8	10.8	7.10	5.66	5.25	--

Table 14. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06450500, Little White River below White River, South Dakota, for water years 1950-96

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	47	47	47	47	47	47	47	47	47	47	47	47	47
Maximum	141	140	160	169	289	815	613	614	931	574	143	120	230
Percentile													
75th	89.5	96.0	95.3	92.3	137	318	256	246	226	133	91.0	84.7	150
50th	73.4	81.4	79.1	80.8	105	178	190	159	129	81.5	69.2	70.8	128
25th	65.3	71.0	66.7	66.5	84.5	146	139	136	97.2	66.7	52.0	54.0	100
Minimum	53.3	60.5	39.1	28.5	57.5	85.9	76.9	82.5	54.7	31.3	37.1	33.0	79.0
Mean	79.5	85.6	84.7	83.1	118	251	223	210	203	107	75.4	71.0	133
Standard deviation	19.0	18.3	25.3	25.9	46.9	169	121	128	195	82.4	26.7	21.3	38.5
Skewness	1.31	1.02	1.16	0.91	1.67	1.60	1.52	1.89	2.68	4.20	0.71	0.60	0.66
Coefficient of variation	0.24	0.21	0.30	0.31	0.40	0.67	0.54	0.61	0.96	0.77	0.35	0.30	0.29
Variance	61.0	335	638	673	2,200	28,600	14,600	16,500	38,000	6,790	710	455	1,480
Percent of annual flow	5.00	5.38	5.32	5.22	7.39	15.8	14.0	13.2	12.8	6.72	4.74	4.46	--

Table 15. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06448000, Lake Creek above refuge, near Tuthill, South Dakota, for water years 1938-40, 1962-79, and 1996

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	19	19	19	19	19	19	19	20	20	20	21	21	18
Maximum	20.9	23.8	23.4	24.4	29.7	38.1	37.3	36.4	29.9	20.3	20.2	24.1	22.1
Percentile													
75th	19.5	21.2	21.2	20.1	24.7	31.1	28.5	24.4	21.9	18.3	17.1	17.7	20.7
50th	18.2	20.4	20.2	18.7	21.2	26.5	25.9	22.2	17.7	15.1	14.9	15.6	19.9
25th	16.9	18.3	18.1	16.1	18.4	24.6	22.9	18.7	15.9	13.0	12.4	14.0	19.2
Minimum	15.0	14.5	7.39	12.2	11.1	17.5	18.6	9.99	8.83	10.3	8.40	11.5	13.8
Mean	18.2	19.9	19.2	18.2	21.7	27.3	25.8	21.9	18.7	15.3	14.5	16.0	19.6
Standard deviation	1.53	2.40	3.77	3.26	4.21	5.15	4.55	5.44	5.30	3.16	3.27	2.88	2.09
Skewness	-0.35	-0.52	-1.85	-0.31	-0.60	0.51	0.63	0.40	0.49	0.05	-0.09	0.88	-1.51
Coefficient of variation	0.08	0.12	0.20	0.18	0.19	0.19	0.18	0.25	0.28	0.21	0.23	0.18	0.11
Variance	2.34	5.78	14.2	10.6	17.7	26.6	20.7	29.6	28.1	10.0	10.7	8.29	4.36
Percent of annual flow	7.69	8.40	8.10	7.70	9.18	11.6	10.9	9.27	7.88	6.46	6.12	6.77	--

Table 16. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota, for water years 1939-40 and 1962-96

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	36	36	36	36	36	36	36	36	36	36	37	37	36
Maximum	23.8	37.2	47.3	39.0	43.9	109	96.1	79.3	139	63.4	42.8	35.8	33.1
Percentile													
75th	6.24	16.8	25.3	22.6	28.6	43.3	47.7	43.2	44.2	26.6	12.7	11.5	23.3
50th	2.12	4.60	9.40	17.3	18.7	27.3	31.3	24.6	21.1	8.92	4.88	2.93	18.0
25th	0.85	1.72	4.41	9.43	13.5	17.6	18.3	14.0	7.84	3.04	1.60	1.03	14.0
Minimum	0.000	0.000	0.000	0.000	0.000	0.058	0.090	0.029	0.033	0.24	0.084	0.11	3.09
Mean	4.87	8.61	14.4	16.5	20.6	30.9	34.9	30.0	29.1	15.0	9.67	7.39	18.5
Standard deviation	6.40	9.74	12.1	8.66	10.5	20.4	22.3	21.0	30.6	15.5	11.6	9.45	7.23
Skewness	1.66	1.45	0.85	0.20	0.23	1.54	0.79	0.71	1.86	1.35	1.55	1.79	0.28
Coefficient of variation	1.31	1.13	0.84	0.53	0.51	0.66	0.64	0.70	1.05	1.04	1.20	1.28	0.39
Variance	41.0	94.9	147	75.0	110	417	497	442	935	241	135	89.3	52.3
Percent of annual flow	2.20	3.88	6.50	7.42	9.27	13.9	15.7	13.5	13.1	6.76	4.36	3.33	--

Table 17. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449250, Spring Creek near St. Francis, South Dakota, for water years 1960-74

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	15	15	15	15	15	15	15	15	15	15	15	15	15
Maximum	0.17	1.61	1.43	0.63	7.82	21.8	22.9	19.6	38.1	22.5	2.63	0.91	6.94
Percentile													
75th	0.023	0.027	0.13	0.18	2.64	11.6	18.2	13.7	7.34	1.74	0.34	0.095	4.74
50th	0.000	0.000	0.000	0.013	0.20	8.64	14.0	9.34	4.00	0.51	0.036	0.013	3.81
25th	0.000	0.000	0.000	0.000	0.034	4.69	6.92	5.85	1.67	0.044	0.000	0.000	2.76
Minimum	0.000	0.000	0.000	0.000	0.000	0.068	2.63	1.94	0.82	0.002	0.000	0.000	1.15
Mean	0.02	0.12	0.17	0.12	1.59	8.76	13.1	9.99	7.48	2.30	0.44	0.10	3.68
Standard deviation	0.05	0.41	0.38	0.21	2.56	5.50	7.17	5.20	9.98	5.72	0.83	0.24	1.42
Skewness	2.44	3.86	3.02	1.69	1.61	0.58	-0.01	0.55	2.44	3.60	1.95	3.19	0.32
Coefficient of variation	2.13	3.47	2.27	1.73	1.61	0.63	0.55	0.52	1.33	2.48	1.88	2.37	0.39
Variance	0.00	0.17	0.14	0.04	6.57	30.3	51.4	27.1	99.5	32.7	0.69	0.06	2.02
Percent of annual flow	0.05	0.27	0.38	0.27	3.61	19.8	29.6	22.6	16.9	5.21	1.00	0.23	--

Table 18. Summary of statistics on mean flow, in cubic feet per second, for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota, for water years 1975-96

[--, not computed]

Statistic	Month												Annual
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Number	22	22	22	22	22	22	22	22	22	22	22	22	22
Maximum	13.7	9.12	8.36	8.88	10.1	21.6	13.5	16.4	19.1	10.4	11.6	7.79	9.23
Percentile													
75th	7.88	8.37	7.77	7.51	8.75	10.5	10.3	9.93	9.27	7.23	6.39	6.89	8.19
50th	7.22	7.62	7.13	7.05	7.78	8.23	8.72	8.48	8.23	6.60	5.35	6.05	7.48
25th	6.36	6.95	6.47	6.45	6.77	7.30	7.79	7.53	6.47	4.74	4.72	4.87	7.03
Minimum	5.30	5.64	4.13	5.05	4.24	6.73	5.69	5.64	3.43	3.96	3.79	1.96	5.70
Mean	7.55	7.64	6.99	6.97	7.78	9.37	9.06	9.21	8.25	6.41	5.84	5.87	7.58
Standard deviation	1.93	0.91	0.96	0.93	1.42	3.38	1.85	2.54	3.16	1.61	1.87	1.45	0.85
Skewness	1.77	-0.32	-1.35	-0.26	-0.42	2.64	0.55	1.28	1.78	0.46	1.99	-0.96	-0.09
Coefficient of variation	0.25	0.12	0.14	0.13	0.18	0.36	0.20	0.28	0.38	0.25	0.32	0.25	0.11
Variance	3.71	0.82	0.92	0.86	2.00	11.4	3.41	6.44	10.0	2.58	3.49	2.10	0.72
Percent of annual flow	8.30	8.40	7.69	7.66	8.56	10.3	9.96	10.1	9.07	7.05	6.42	6.45	--

Table 19. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota, for water years 1938-40 and 1962-96

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.769	0.663	0.573	0.391	0.564	0.090	0.218	0.078	0.209	0.134	0.246
Nov	*	1.000	0.705	0.451	0.409	0.455	-0.061	0.088	-0.035	0.135	0.008	0.045
Dec	*	*	1.000	0.458	0.375	0.350	-0.003	0.146	0.162	0.311	0.003	0.041
Jan	*	*	*	1.000	0.478	0.099	-0.024	0.205	0.344	0.315	0.216	0.227
Feb	*	*	*	*	1.000	0.204	-0.069	0.418	0.201	0.191	0.114	0.368
Mar	*	*	*	*	*	1.000	0.035	0.011	-0.129	0.062	-0.102	0.263
Apr	*	*	*	*	*	*	1.000	0.135	0.002	0.006	0.043	0.127
May	*	*	*	*	*	*	*	1.000	0.317	0.345	0.392	0.188
Jun	*	*	*	*	*	*	*	*	1.000	0.589	0.055	0.203
Jul	*	*	*	*	*	*	*	*	*	1.000	0.280	0.318
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.541
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month											
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
0.139	0.043	0.159	0.253	0.320	-0.062	0.086	0.070	0.177	0.093	-0.029	0.192

Table 20. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota, for water years 1959-96

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.733	0.750	0.749	0.462	0.368	-0.049	0.146	0.126	0.118	0.275	0.248
Nov	*	1.000	0.875	0.662	0.565	0.313	-0.072	0.030	-0.028	-0.033	-0.069	0.057
Dec	*	*	1.000	0.776	0.534	0.386	-0.076	0.013	0.042	0.019	0.057	0.166
Jan	*	*	*	1.000	0.513	0.257	-0.102	0.099	0.247	0.229	0.177	0.236
Feb	*	*	*	*	1.000	0.134	-0.202	0.107	0.236	0.226	-0.030	0.228
Mar	*	*	*	*	*	1.000	0.254	-0.023	-0.169	-0.099	0.091	0.294
Apr	*	*	*	*	*	*	1.000	0.220	-0.018	-0.095	-0.050	0.011
May	*	*	*	*	*	*	*	1.000	0.463	0.116	0.403	0.300
Jun	*	*	*	*	*	*	*	*	1.000	0.687	0.266	0.365
Jul	*	*	*	*	*	*	*	*	*	1.000	0.309	0.379
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.600
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month											
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
0.143	0.040	-0.016	0.235	0.000	0.006	0.078	-0.075	0.092	0.166	-0.023	0.294

Table 21. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota, for water years 1982-96

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.458	0.781	0.739	0.454	0.487	-0.020	0.138	0.038	0.146	0.290	-0.004
Nov	*	1.000	0.819	0.374	0.000	0.108	0.052	-0.013	-0.063	-0.150	-0.259	-0.427
Dec	*	*	1.000	0.707	0.246	0.502	0.031	-0.047	-0.054	-0.170	-0.188	-0.343
Jan	*	*	*	1.000	0.480	0.605	0.228	-0.057	0.027	0.029	0.161	-0.048
Feb	*	*	*	*	1.000	0.582	0.151	-0.070	0.102	0.385	0.171	0.230
Mar	*	*	*	*	*	1.000	0.182	-0.357	-0.257	-0.109	-0.085	-0.290
Apr	*	*	*	*	*	*	1.000	0.223	0.069	0.114	0.016	0.237
May	*	*	*	*	*	*	*	1.000	0.800	0.502	0.514	0.504
Jun	*	*	*	*	*	*	*	*	1.000	0.542	0.371	0.633
Jul	*	*	*	*	*	*	*	*	*	1.000	0.604	0.572
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.459
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month											
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-0.055	-0.106	-0.299	0.117	0.211	-0.082	0.052	-0.224	-0.039	0.228	-0.022	-0.042

Table 22. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota, for water years 1943-96

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.715	0.617	0.393	0.381	0.167	0.011	0.073	0.136	0.054	0.246	0.174
Nov	*	1.000	0.724	0.345	0.181	0.123	0.029	0.037	0.020	-0.039	-0.062	-0.056
Dec	*	*	1.000	0.527	0.318	0.288	-0.116	-0.150	-0.009	-0.054	0.002	0.039
Jan	*	*	*	1.000	0.680	0.200	-0.104	0.006	0.027	-0.063	0.237	0.185
Feb	*	*	*	*	1.000	0.152	-0.152	0.009	0.098	0.078	0.243	0.319
Mar	*	*	*	*	*	1.000	0.288	0.029	-0.093	-0.017	0.036	-0.005
Apr	*	*	*	*	*	*	1.000	0.360	0.065	-0.018	-0.035	-0.040
May	*	*	*	*	*	*	*	1.000	0.421	0.243	0.348	0.262
Jun	*	*	*	*	*	*	*	*	1.000	0.690	0.283	0.351
Jul	*	*	*	*	*	*	*	*	*	1.000	0.369	0.242
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.663
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month											
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-0.032	-0.157	-0.304	0.309	0.359	0.121	0.052	-0.007	0.084	-0.064	0.168	0.272

Table 23. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06450500, Little White River below White River, South Dakota, for water years 1950-96

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.595	0.472	0.391	0.336	0.398	-0.018	0.289	-0.093	0.026	0.323	0.240
Nov	*	1.000	0.730	0.569	0.330	0.120	-0.081	0.287	-0.116	0.110	0.285	0.315
Dec	*	*	1.000	0.722	0.500	0.155	-0.113	0.081	-0.106	0.021	0.213	0.239
Jan	*	*	*	1.000	0.666	0.179	0.013	0.036	-0.148	-0.223	0.091	0.046
Feb	*	*	*	*	1.000	0.179	0.091	0.080	-0.049	-0.129	0.016	0.009
Mar	*	*	*	*	*	1.000	0.441	0.302	-0.118	-0.073	0.128	0.021
Apr	*	*	*	*	*	*	1.000	0.380	0.027	-0.057	-0.045	-0.078
May	*	*	*	*	*	*	*	1.000	0.270	0.349	0.304	0.283
Jun	*	*	*	*	*	*	*	*	1.000	0.623	0.263	0.169
Jul	*	*	*	*	*	*	*	*	*	1.000	0.395	0.239
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.665
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month											
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-0.164	0.150	0.085	0.150	0.216	0.122	0.087	0.138	0.226	-0.074	0.175	0.115

Table 24. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06448000, Lake Creek above refuge, near Tuthill, South Dakota, for water years 1938-40, 1962-79, and 1996

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.594	0.458	0.344	0.410	0.323	0.160	0.383	0.345	0.325	0.149	0.297
Nov	*	1.000	0.650	0.345	0.778	0.131	0.301	0.388	0.188	0.245	-0.083	-0.020
Dec	*	*	1.000	0.146	0.647	0.031	0.278	0.467	0.267	0.059	0.319	0.072
Jan	*	*	*	1.000	0.609	-0.070	0.278	0.435	0.416	0.198	-0.184	0.043
Feb	*	*	*	*	1.000	0.148	0.465	0.472	0.111	0.102	-0.020	0.035
Mar	*	*	*	*	*	1.000	0.542	-0.052	-0.068	0.148	0.230	0.139
Apr	*	*	*	*	*	*	1.000	0.303	0.136	0.097	0.080	-0.202
May	*	*	*	*	*	*	*	1.000	0.581	0.529	0.292	0.579
Jun	*	*	*	*	*	*	*	*	1.000	0.670	0.285	0.346
Jul	*	*	*	*	*	*	*	*	*	1.000	0.394	0.409
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.599
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month												
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
0.148	0.346	-0.482	0.526	0.209	-0.478	-0.180	0.227	0.362	0.224	0.177	0.405

Table 25. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota, for water years 1939-40 and 1962-96

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.714	0.628	0.552	0.242	0.243	-0.184	-0.205	-0.178	-0.015	0.236	0.100
Nov	*	1.000	0.811	0.403	0.200	0.300	0.051	-0.042	-0.131	-0.055	0.124	0.056
Dec	*	*	1.000	0.602	0.220	0.289	0.024	0.058	0.093	0.074	0.344	0.245
Jan	*	*	*	1.000	0.479	0.263	-0.162	0.041	0.145	0.206	0.267	0.060
Feb	*	*	*	*	1.000	0.329	-0.068	-0.078	0.156	0.315	0.117	0.178
Mar	*	*	*	*	*	1.000	0.505	0.060	-0.049	-0.077	0.050	0.067
Apr	*	*	*	*	*	*	1.000	0.373	-0.014	-0.157	-0.103	-0.069
May	*	*	*	*	*	*	*	1.000	0.423	-0.138	0.230	0.282
Jun	*	*	*	*	*	*	*	*	1.000	0.437	0.243	0.445
Jul	*	*	*	*	*	*	*	*	*	1.000	0.366	0.100
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.594
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month												
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-0.028	0.009	0.089	0.059	0.309	0.317	0.171	0.000	0.050	0.283	0.105	0.440

Table 26. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06449250, Spring Creek near St. Francis, South Dakota, for water years 1960-74

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.850	0.845	0.086	0.031	0.195	0.058	-0.211	0.009	-0.005	-0.219	-0.013
Nov	*	1.000	0.922	-0.100	-0.158	0.194	0.178	-0.144	-0.114	-0.041	-0.149	-0.115
Dec	*	*	1.000	0.269	-0.043	0.268	0.077	-0.342	-0.126	-0.066	-0.185	-0.070
Jan	*	*	*	1.000	0.513	0.224	-0.308	-0.592	-0.088	-0.097	-0.189	0.056
Feb	*	*	*	*	1.000	0.464	-0.328	-0.530	-0.005	-0.113	-0.226	0.118
Mar	*	*	*	*	*	1.000	0.386	-0.187	-0.340	-0.399	-0.428	0.050
Apr	*	*	*	*	*	*	1.000	0.604	-0.283	-0.279	-0.196	0.036
May	*	*	*	*	*	*	*	1.000	-0.007	0.047	0.153	-0.232
Jun	*	*	*	*	*	*	*	*	1.000	0.922	0.790	0.318
Jul	*	*	*	*	*	*	*	*	*	1.000	0.741	0.015
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.416
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month												
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-0.207	-0.074	-0.115	0.202	0.335	-0.210	-0.097	0.201	-0.097	-0.106	-0.258	0.208

Table 27. Correlation matrix and serial correlation for 1-year lag for monthly mean flow for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota, for water years 1975-96

[*, not applicable]

(a) Correlation matrix

Month	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Oct	1.000	0.300	0.119	-0.325	0.353	0.089	-0.253	0.225	-0.010	-0.037	0.210	0.212
Nov	*	1.000	0.633	0.134	0.314	0.106	0.032	0.050	0.024	0.226	0.432	0.194
Dec	*	*	1.000	0.635	0.471	0.177	0.100	0.010	0.048	0.219	0.170	-0.133
Jan	*	*	*	1.000	0.387	-0.005	0.225	0.076	0.209	0.195	-0.288	-0.178
Feb	*	*	*	*	1.000	0.051	0.114	-0.027	0.317	0.381	-0.025	0.117
Mar	*	*	*	*	*	1.000	0.515	-0.043	-0.214	-0.202	0.396	0.186
Apr	*	*	*	*	*	*	1.000	0.212	0.268	-0.183	0.016	0.425
May	*	*	*	*	*	*	*	1.000	0.418	0.073	-0.039	0.378
Jun	*	*	*	*	*	*	*	*	1.000	0.526	-0.053	0.247
Jul	*	*	*	*	*	*	*	*	*	1.000	0.207	0.155
Aug	*	*	*	*	*	*	*	*	*	*	1.000	0.089
Sep	*	*	*	*	*	*	*	*	*	*	*	1.000

(b) Serial correlation

Month											
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
0.293	-0.444	-0.193	0.106	-0.011	0.144	0.098	0.048	0.100	-0.281	-0.251	0.228

Table 28. Water-quality data for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota

[µS/cm; microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19751007	97600062	7	--	12	12
19751105	97600063	13	--	24	8.5
19751203	97600064	7.1	--	6	0
19760105	97600065	3	--	1	0
19760127	97600066	8.5	--	-1	0
19760224	97600067	39	--	14	0
19760323	97600068	27	--	14	5
19760420	97600069	51	--	8	8
19760517	97600070	15	--	21.5	16.5
19760615	97600071	5.9	--	10.5	12
19760713	97600072	3.5	--	20	21.5
19760809	97600073	7.2	--	38	36
19760908	97600074	2.8	--	10	13
19761004	97700085	6.8	--	10	12
19761102	97700086	11.7	--	11.5	6
19761130	97700087	6.9	--	2	0
19761228	97700088	10.7	--	3	1
19770125	97700089	5.3	--	-3	0
19770222	97700090	41.8	--	13	.5
19770314	97700091	13.5	--	20	1
19770324	97700092	4.0	--	18	5
19770412	97700093	246	--	5	7.5
19770413	97700094	286	--	17	8
19770419	97700095	70.1	--	5	10
19770516	97700096	19.5	--	18	16.5
19770614	97700097[1]	12.8	--	18.5	21
19770712	97700098	9.8	--	19.5	20
19770809	97700099	13.5	--	26	23
19770907	97700100	9.5	--	23.5	21
19771101	97800080	16	240	30	5
19771129	97800081	17	305	5	0
19771228	97800082	9.8	130	-7	0
19780127	97800083	7.9	280	-5	0
19780228	97800084	8.3	250	-10	0
19780315	97800085	192	190	1	.5
19780509	97800086	60	400	19.5	11.5

Table 28. Water-quality data for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota—Continued

[µS/cm; microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19780613	97800087	17	510	23	16
19780711	97800088	12	310	22.5	19
19780829	97800089	9.7	430	14	13
19781003	97900061	10	230	2	10
19781102	97900062	15	240	20	6
19781127	97900063	12	240	-5	0
19781220	97900064	9.6	200	0	0
19790123	97900065	7.1	280	-5	0
19790220	97900066	9.3	300	1	0
19790321	97900067	58	270	0	0
19790417	97900068	40	360	27	16
19790513	97900069	36	340	22	17
19790612	97900070	12	300	27	25
19790710	97900071	15	310	31	28
19790807	97900072	12	375	30	27.5
19790905	97900073	8	270	28	26
19791001	98000065	6.4	280	20	17
19791106	98000066	6.7	230	1	0
19791126	98000067	18.9	270	4	1
19791217	98000068	10.2	270	8	0
19800122	98000069	6.6	240	0	0
19800220	98000070	12.2	230	-2.5	0
19800318	98000071	51.6	180	17	4.5
19800414	98000072	40.1	455	16	10.5
19800513	98000073	21.2	280	18.5	13.5
19800609	98000074	13.3	240	23.5	22
19800708	98000075	4.6	350	25	26.5
19800804	98000076	3.1	230	23	21
19800902	98000077	4.9	320	29	24
19801002	98100067	14	250	--	--
19801028	98100068	12	290	3	6.5
19801124	98100069	14	200	9	2
19810120	98100070	12	240	--	--
19810318	98100071	17	200	--	--
19810415	98100072	11	240	15	12
19810513	98100073	18	--	19	13

Table 28. Water-quality data for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota—Continued

[µS/cm; microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19810609	98100074	6.2	250	23.5	21
19810708	98100075	3.9	--	17.5	20
19810805	98100076	16	200	--	--
19810902	98100077	7.5	--	18	17
19811007	98200048	11.7	--	20	13
19811117	98200049	13.4	200	20	6
19820113	98200050	3.8	370	--	--
19820309	98200051	28.8	235	2	0
19820406	98200052	28.8	330	5.5	4
19820504	98200053	16	245	15.5	18
19820602	98200054	31.3	440	12	13.5
19820630	98200055	13.6	407	18	19
19820727	98200056	8.6	430	30	28
19820824	98200057	5.6	275	18	18
19820922	98200058	9.7	220	27.5	18.5
19821020	98300057	15	--	-10	.5
19821220	98300058	15.1	330	11	3
19830118	98300059	14.9	270	-5	0
19830222	98300060	32.6	200	10	2
19830322	98300061	24.7	380	0	2
19830419	98300062	33.7	455	12	13.5
19830520	98300063	50.8	630	16	12
19830614	98300064	14.2	435	19	18
19830712	98300065	10.1	470	30.5	26
19830824	98300066	17.1	465	19.5	21.5
19831004	98400063	17	250	22.5	16
19831026	98400064	13	270	24	9.5
19831121	98400065	18	--	0	--
19831219	98400066	13	305	-21	0
19840117	98400067	18	--	--	--
19840216	98400068	41	250	-4	0
19840313	98400069	32	550	14.5	3.5
19840417	98400070	26	540	6.5	9
19840515	98400071	21	480	20.5	18.5
19840611	98400072	13	360	16	18.5
19840712	98400073	9.5	260	24	21.5

Table 28. Water-quality data for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota—Continued

[µS/cm; microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19840806	98400074	24	220	25.5	24.5
19840904	98400075	4.6	350	21.5	20
19841003	98501447	9.8	215	23	12.5
19841030	98501448	12	260	4.5	4
19841119	98501449	21	248	-5	.5
19850104	98501450	6.7	370	-2.5	0
19850121	98501451	9.2	220	-9	0
19850219	98501452	7.9	193	4.5	0
19850318	98501453	64	175	13	1
19850417	98501454	21	435	29	18
19850514	98501455	12	310	17.5	15
19850613	98501456	7.7	280	15	17.5
19850709	98501457	17	379	33	28
19850808	98501458	5.4	--	19.5	23
19850912	98501459	12	--	17	17.5
19851009	98601620	11	210	-1.5	4
19851030	98601621	14	245	-.5	4.5
19851205	98601622	5	--	-2	0
19860108	98601623	7.5	235	-6	0
19860129	98601624	20	670	-3	0
19860226	98601625	24	241	7	.5
19860304	98601626	324	173	5	1
19860423	98601627	48	550	20	13.5
19860521	98601628	20	425	--	16.5
19860617	98601629	36	450	27	26
19860716	98601630	12	300	--	--
19860812	98601631	8.1	350	30	25
19860912	98601632	31	260	18	16.5
19861007	98701484	27	240	20.5	13.5
19861104	98701485	26	280	17	10.5
19861203	98701486	16	265	-6.5	0
19870106	98701487	15	250	1	1
19870127	98701488	13	260	7.5	0
19870224	98701489	17	250	0	.5
19870401	98701490	64	450	1	0
19870421	98701491	29	430	14	10

Table 28. Water-quality data for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota—Continued

[µS/cm; microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19870519	98701492	16	450	21.5	22
19870617	98701493	10	350	15	15
19870715	98701494	6.3	315	16.5	19
19870811	98701495	5.7	240	35	34
19870909	98701496	6.4	212	14	15
19871006	98800696	10	--	16.5	13
19871028	98800697	13	219	8.5	4
19871202	98800698	14	--	4	1
19880113	98800699	4.5	245	-6	0
19880203	98800700	5.1	--	-1	0
19880217	98800701	--	--	-1	0
19880405	98800702	37	372	17	11.5
19880510	98800703	33	438	20	16.5
19880613	98800704	16	450	19	20
19880712	98800705	6.4	370	--	24
19880817	98800706	3.5	275	21.5	22.5
19880928	98800707	7.5	225	8.5	11.5
19881103	98901369	13.2	201	7	6
19881214	98901370	18.7	240	-1	0
19890111	98901371	6.8	264	3	0
19890214	98901372	6.4	234	4	0
19890329	98901373	38.5	254	7	9.5
19890426	98901374	17.9	305	10	7
19890524	98901375	12.7	295	--	19
19890613	98901376	7.8	254	9.5	14
19890724	98901377	3.6	222	30.5	25.5
19890915	98901378	8.1	217	10	12.5
19891018	99001173	9.6	218	1.5	5
19891206	99001174	18.2	195	0	0
19900118	99001175	14.7	193	--	0
19900227	99001176	36.8	177	-1	.5
19900403	99001177	19.5	245	14	8
19900430	99001178	28.8	287	7.5	8
19900606	99001179	48.3	386	19.5	19.5
19900710	99001180	12.9	325	15	19
19900906	99001398	6.3	293	37	25

Table 28. Water-quality data for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota—Continued

[µS/cm; microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19901031	99101016	11.8	221	15	8
19901205	99101017	18.6	249	2.5	1
19910111	99101018	3.1	320	-10	0
19910226	99101019	36.3	209	-3.5	0
19910410	99101020	18.6	258	9	7
19910508	99101021	28.7	362	9	10
19910612	99101022	54.4	371	28.5	26
19910717	99101023	8.7	339	25.5	24
19910819	99101024	12.5	347	26.5	25
19911002	99200991	10	252	12	14.5
19911113	99200992	31.4	193	7	0
19920108	99200993	11.2	228	-7	0
19920219	99200994	15.6	234	-8	0
19920330	99200995	19.7	331	3	10
19920520	99200996	8.4	282	22	18
19920609	99200997	11.9	252	26	22
19920714	99200998	15.8	312	29	26.5
19920825	99200999	14	203	16	17
19921014	99301798	10.3	227	10	6
19921123	99301799	16	230	0	0
19921228	99301800	7.8	190	0	0
19930208	99301801	32	209	4	.5
19930324	99301802	67.8	221	22	.5
19930505	99301803	22.9	433	22	15
19930616	99301804	17.4	499	--	--
19930707	99301805	13.6	460	29.5	19
19930805	99301806	10.2	350	23	22.5
19930909	99301807	14.8	254	18	15
19931014	99400855	21.7	254	17	10.2
19931129	99400856	18.1	420	6	.5
19931230	99400857	25	527	2	0
19940126	99400858	13.1	440	-1.5	0
19940525	99400859	27.9	375	22	22.5
19940629	99400860	10.9	350	--	21
19940810	99400861	10.4	310	24	23
19940831	99400862	7.7	292	11.5	17

Table 28. Water-quality data for U.S. Geological Survey streamflow-gaging station 06447500, Little White River near Martin, South Dakota—Continued

[µS/cm; microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19941012	99500710	14.7	261	15	12
19941123	99500711	15.8	262	8	.5
19950105	99500712	10.4	314	4	0
19950208	99500713	35	244	7	0
19950314	99500714	37.2	212	20	10
19950419	99500715	64.8	404	4	4.5
19950614	99500716	217	499	28.5	22
19950809	99500717	35	325	27	25.5
19950907	99500718	9.4	324	17	19.5
19951011	99600733	26.1	352	27	11
19951205	99600734	24.6	309	-3	0
19960123	99600735	18.9	338	3	0
19960312	99600736	--	--	--	--
19960410	99600737	34.1	395	27	17
19960520	99600738	22.3	474	--	20
19960612	99600739	27	550	25	25
19960722	99600740	9.5	328	22	26.5
19960805	99600741	--	--	--	--
19960910	99600742	9.9	246	22	18.5

[1]Additional water-quality data for this sample includes: Sediment, bed material, fall diameter, distilled water, percent finer than 0.062 mm (11); sediment, bed material, fall diameter, distilled water, percent finer than 0.125 mm (24); sediment, bed material, fall diameter, distilled water, percent finer than 0.250 mm (61); sediment, bed material, fall diameter, distilled water, percent finer than 0.500 mm (78); sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm (78); sediment, bed material, sieve diameter, percent finer than 2.00 mm (79); sediment, bed material, sieve diameter, percent finer than 4.00 mm (83); sediment, bed material, sieve diameter, percent finer than 8.00 mm (88); sediment, bed material, sieve diameter, percent finer than 16.0 mm (98); and sediment, bed material, sieve diameter, percent finer than 32.0 mm (100).

Table 29. Water-quality data for U.S. Geological Survey streamflow-gaging station 06448000, Lake Creek above refuge, near Tuthill, South Dakota

[µS/cm, microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19751006	97600075	13	--	31.5	14.5
19751105	97600076	17	--	24	10.5
19751202	97600077	30	--	10	1
19760106	97600078	8.1	--	-2	0
19760126	97600079	14	--	12	0
19760224	97600080	20	--	6	6.5
19760322	97600081	17	--	14	12
19760419	97600082	25	--	11	10
19760518	97600083	14	--	13.5	8
19760614	97600084	12	--	20	12
19760713	97600085	12	--	24	20
19760809	97600086	13	--	38	36
19760907	97600087	9.9	--	13.5	16
19761004	97700101	15.1	--	10	12
19761102	97700102	19.2	--	15	7
19761130	97700103	16.2	--	2	0
19761227	97700104	24	--	8	1
19770124	97700105	16.6	--	-1	0
19770222	97700106	26.7	--	9	3
19770324	97700107	86.5	--	22	4
19770412	97700108	51.2	--	5	6
19770419	97700109	25.5	--	5	8
19770517	97700110	16.9	--	12.5	12.5
19770614	97700111	16.6	--	20	20
19770712	97700112	14.4	--	23	18
19770810	97700113	35.2	--	11	17
19770906	97700114	15.1	--	29	23.5
19771031	97800090	19	100	10	12
19771129	97800091	24	110	10	20
19771228	97800092	19	130	-1	0
19780126	97800093	14	130	-6	0
19780228	97800094	28	105	-8	0
19780315	97800095	30	120	1	2
19780411	97800096	23	120	14	6.5
19780510	97800097	24	130	14.5	9
19780613	97800098	18	110	22	16

Table 29. Water-quality data for U.S. Geological Survey streamflow-gaging station 06448000, Lake Creek above refuge, near Tuthill, South Dakota—Continued

[µS/cm, microsiemens per centimeter; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19780711	97800099	15	100	23	18.5
19780829	97800100	16	110	13	13
19781003	97900074	15	110	9	10
19781102	97900075	21	120	18	6
19781127	97900076	21	110	-5	1
19781219	97900077	24	120	2	0
19790123	97900078	12	130	-5	0
19790220	97900079	22	230	2	3
19960311	99600706	46	110	16.5	8.5
19960312	99600707	33.7	117	16	6
19960410	99600708	28.6	112	31	15
19960520	99600709	22.8	117	--	21
19960612	99600710	25.2	121	26	26
19960722	99600711	18.2	101	32	25.5
19960909	99600712	19.9	106	33	23

Table 30. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota

[µS/cm, microsiemens per centimeter; --, no data; E, estimated]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19751006	97600088	0.8	--	32	16.5
19751105	97600089	1.1	--	25	12
19751202	97600090	2.8	--	9	0
19760105	97600091	1.1	--	2.5	0
19760126	97600092	12	--	11	2
19760224	97600093	34	--	5	2.5
19760322	97600094	26	--	14.5	6.5
19760419	97600095	14	--	12	10
19760518	97600096	9.3	--	18	12.5
19760614	97600097	6.5	--	9	14
19760712	97600098	30	--	35	27
19760809	97600099	.9	--	37	33
19760907	97600100	1.6	--	13.5	15.5
19761004	97700115	.04	--	10	12
19761102	97700116	2.8	--	14	10
19761130	97700117	.24	--	1.5	.5
19761227	97700118	2.2	--	9	1
19770124	97700119	3.4	--	0	2
19770222	97700120	2.3	--	9.5	4
19770315	97700121	28.4	--	5	2
19770324	97700122	43.2	--	24	4
19770412	97700123	136	--	6	9.5
19770414	97700124	137	--	14.5	10
19770418	97700125	126	--	10	11
19770517	97700126	50.1	--	14	15
19770613	97700127	74.5	--	20	20
19770711	97700128	4.4	--	27.5	27.5
19770810	97700129	3.3	--	11	18.5
19770906	97700130	3.3	--	29	26
19771031	97800101	4.2	550	9	10
19771129	97800102	7.3	600	10	2
19771227	97800103	36	550	-5	2.5
19780126	97800104	11	740	-6	1
19780228	97800105	5.3	600	-10	2
19780316	97800106	16	380	-2	2
19780410	97800107	53	230	8	8

Table 30. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota—Continued

[µS/cm, microsiemens per centimeter; --, no data; E, estimated]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19780510	97800108	59	300	15.5	13
19780612	97800109	20	430	25	24
19780710	97800110	14	440	25.5	23
19780828	97800111	4.6	230	20	23
19781003	97900080	.8	540	13	12
19781102	97900081	.5	680	16	6
19781127	97900082	1.6	760	-5	.5
19781219	97900083	9.2	820	3	0
19790123	97900084	11	820	0	1
19790220	97900085	16	660	-1	3
19790320	97900086	56	420	6	0
19790417	97900087	46	330	27	12
19790515	97900088	33	370	21	15
19790612	97900089	26	490	29	24
19790710	97900090	45	420	32	24
19790807	97900091	35	440	30	26
19790906	97900092	21	410	18	20
19791106	98000078	9.4	470	-4	1
19791126	98000079	52.1	590	4	1
19791217	98000080	31.1	470	8	2
19800122	98000081	9.8	440	0	0
19800219	98000082	25.1	400	9	4
19800318	98000083	35.1	220	14	4.5
19800414	98000084	64.8	290	15.5	12
19800513	98000085	25.2	320	16	13.5
19800609	98000086	8.3	420	23.5	24.5
19800708	98000087	9.1	500	25	24
19800804	98000088	2.4	395	23.5	22.5
19800902	98000089	.4	620	27.5	23
19801002	98100078	1.1	850	16.5	14
19801028	98100079	E.01	--	--	--
19801124	98100080	0	--	--	--
19810120	98100081	2.4	--	5	0
19810318	98100082	3.1	370	--	--
19810415	98100083	5.7	430	17	13
19810513	98100084	7.1	480	19	15

Table 30. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota—Continued

[µS/cm, microsiemens per centimeter; --, no data; E, estimated]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19810609	98100085	1.4	510	19	21
19810707	98100086	9.2	--	31.5	27
19810805	98100087	21	490	--	--
19810901	98100088	2.4	--	28	23.5
19811007	98200059	.1	--	21.5	17
19811117	98200060	2.0	550	20	9
19820112	98200061	13.8	520	--	--
19820308	98200062	25.6	295	-2	2
19820406	98200063	37.7	340	5.5	4.5
19820504	98200064	23.7	355	16	16.5
19820607	98200065	22.2	440	23	19.5
19820629	98200066	71.4	431	--	--
19820727	98200067	11.6	530	30.5	29
19821019	98300067	6.6	580	-3	.5
19821220	98300068	21.5	--	10.5	2.5
19830117	98300069	25.6	470	-5	2
19830222	98300070	18.3	360	13.5	9
19830322	98300071	27.7	470	0	2.5
19830520	98300072	101	390	21	13.5
19830614	98300073	24.9	435	18	18.5
19830712	98300074	1.2	430	30	28
19830823	98300075	6.6	550	27	25
19831004	98400076	15	470	24	18
19831026	98400077	13	--	24	11
19831121	98400078	60	490	0	1
19831219	98400079	30	610	-17	0
19840117	98400080	17	--	-18	0
19840215	98400081	8.6	450	4	5
19840313	98400082	42	500	14.5	2
19840416	98400083	56	340	15	8.5
19840515	98400084	32	540	19	19
19840611	98400085	7.8	420	19.5	19
19840712	98400086	5.5	460	25.5	24
19840806	98400087	1.0	520	23.5	26
19840904	98400088	.2	580	22	25
19840904	98401532	.2	580	22	25

Table 30. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota—Continued

[µS/cm, microsiemens per centimeter; --, no data; E, estimated]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19841003	98501460	0.8	620	20.5	16.5
19841030	98501461	1.6	730	6	4
19841119	98501462	.1	715	-2.5	4.5
19850103	98501463	27	650	.5	1.5
19850121	98501464	12	600	-8	.5
19850219	98501465	8.9	630	4.5	.5
19850318	98501466	18	367	16	5
19850417	98501467	28	395	29	18.5
19850514	98501468	13	410	17	15
19850612	98501469	0	510	21.5	22
19850709	98501470	2.6	550	37	31
19850808	98501471	.3	--	25	--
19850911	98501472	8.6	635	19	18
19851008	98601593	.4	260	5.5	8
19851029	98601594	1.2	679	4.5	9
19851205	98601595	1.8	--	-2	.5
19860108	98601596	7	750	-5	1
19860129	98601597	12	670	-2	1
19860225	98601598	44	424	13.5	2.5
19860422	98601599	--	350	27	14
19860521	98601600	35	360	13	16
19860617	98601601	40	390	32	25.5
19860716	98601602	9.7	440	34.5	31
19860812	98601603	4.1	450	28	26
19860909	98601604	7.5	580	21.5	20.5
19861007	98701497	16	475	21.5	15
19861104	98701498	16	480	16	9
19861202	98701499	29	470	1	.5
19870106	98701500	25	450	2	1.5
19870127	98701501	24	450	8.5	4
19870224	98701502	32	345	.5	.5
19870331	98701503	140	340	7	2.5
19870408	98701504	98	330	9	8
19870421	98701505	43	360	13	10
19870519	98701506	12	400	28	23
19870617	98701507	16	430	15	14.5

Table 30. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota—Continued

[µS/cm, microsiemens per centimeter; --, no data; E, estimated]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19870715	98701508	3.2	585	22	21
19870811	98701509	2.2	670	35	31
19870909	98701510	1.9	615	18	17
19871006	98801784	.6	--	17.5	14.5
19871027	98801785	1.7	645	5	8
19871202	98801786	1.9	--	4	1.5
19880113	98801787	25.5	660	-2	2
19880203	98801788	31.6	--	--	--
19880406	98801789	55.4	315	10.5	7.5
19880510	98801790	36.5	370	19.5	15
19880613	98801791	46.8	366	23	19.5
19880712	98801792	4.8	420	32.5	25.5
19880817	98801793	3.0	488	24.5	24
19880928	98801794	.9	575	9.5	12
19881103	98901359	.1	648	15	8
19881214	98901360	.1	605	0	1.5
19890111	98901361	8.4	853	4	0
19890214	98901362	8.4	648	2	0
19890329	98901363	37.6	361	9.5	10
19890426	98901364	20.1	376	13	8
19890523	98901365	14.5	410	35	32
19890620	98901366	8.7	456	21	22
19890724	98901367	38	565	28.5	26
19890914	98901368	.7	808	20.5	20
19891017	99001181	2.8	805	5.5	10
19891206	99001182	15.6	879	3	1
19900118	99001183	2.2	628	3.5	4.5
19900226	99001184	37	407	11	.5
19900403	99001185	79.4	348	20.5	10
19900430	99001186	.5	461	8	10.5
19900606	99001187	86.7	421	20.5	17
19900711	99001188	.9	518	20	19
19900906	99001189	51	559	37	24
19901030	99101177	2.5	564	23	14
19901206	99101178	25.3	576	-1	.5
19910110	99101179	20.3	620	-6	.5

Table 30. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota—Continued

[µS/cm, microsiemens per centimeter; --, no data; E, estimated]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19910226	99101180	8.4	221	0	1
19910409	99101181	33.8	309	14.5	10
19910507	99101182	18.3	380	11	10.5
19910516	99101183	87.6	370	12	16
19910521	99101184	125	382	19	18
19910613	99101185	171	375	25	23.5
19910716	99101186	5.6	479	33.5	31
19910819	99101187	53.8	458	27.5	24.5
19911002	99200972	32.1	496	17.5	16
19911113	99200973	11.9	397	14	3
19920108	99200974	33	330	-6	1.5
19920219	99200975	34.3	272	0	1
19920331	99200976	14.1	326	6	6
19920520	99200977	.8	505	26	18
19920609	99200978	.1	572	27	--
19920714	99200979	2.0	580	30	29
19920825	99200980	.9	550	16	16
19921124	99301613	11.9	510	0	0
19921229	99301614	6.2	630	18	11
19930208	99301615	27.1	470	4	.5
19930324	99301616	84.2	260	21	.5
19930505	99301617	32.4	382	13	15
19930623	99301618	54.3	418	26	22.5
19930707	99301619	22.2	392	29	19
19930805	99301620	21.2	410	23	22.5
19930908	99301621	53.3	375	24	19
19930909	99301622	41.1	--	--	--
19931014	99400840	16.2	385	16	11.5
19931129	99400841	19.3	415	6	.5
19931230	99400842	48.3	390	5	.5
19940125	99400843	30.4	440	-4.5	0
19940525	99400844	32.4	312	19.5	19
19940628	99400845	25.6	354	30	26
19940810	99400846	45.7	345	22	25
19940831	99400847	22.9	370	12	15
19941012	99500675	.1	503	13	11

Table 30. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449000, Lake Creek below refuge, near Tuthill, South Dakota—Continued

[µS/cm, microsiemens per centimeter; --, no data; E, estimated]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19941123	99500676	16.9	324	8	2
19950105	99500677	27.2	277	-7.5	0
19950208	99500678	46.5	217	7	0
19950314	99500679	28	236	18	18.5
19950419	99500680	40	382	6	7
19950612	99500681	73	369	28	18.5
19950809	99500682	.1	472	28	28
19950907	99500683	17.3	497	17	22.5
19951011	99600713	12.5	377	20	11
19951204	99600714	57	305	11	5
19960123	99600715	25.5	331	2	1
19960311	99600716	31.6	233	15	5
19960417	99600717	47.2	259	26	12.5
19960520	99600718	25.2	341	--	21
19960612	99600719	50.9	348	26	24.5
19960722	99600720	29	411	29	28.5
19960805	99600721	--	--	--	--
19960909	99600722	16	443	32	26.5

Table 31. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents								
Discharge, instantaneous (cubic feet per second)	62.7	41	81.0	27	68	12	992	268
Gage height (feet)	3.83	3.75	0.36	3.57	4.10	3.38	4.92	28
Specific conductance (µS/cm at 25 deg C)	345	339	63	301	378	117	670	257
pH, water, whole, field (standard units)	--	--	--	--	--	7.8	8.6	32
Temperature, air (deg C)	13.1	15	11.8	4	21.6	-22	38.5	234
Water temperature (deg C)	10.9	10	9.0	1	19	0	30.5	264
Barometric pressure (mm of Hg)	--	--	--	--	--	675	705	31
Oxygen dissolved (mg/L)	9.6	9.4	2.3	7.8	10.8	7.1	18.1	30
Hardness, total (mg/L)	115.43	115.92	9.89	107.96	121.11	96.32	135.85	30
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	156.4	158	17.0	141	169	128	187	29
Alkalinity, water, whole, total, fixed endpoint titration, lab (mg/L as $CaCO_3$)	--	--	--	--	--	184	184	1
Calcium, dissolved (mg/L)	35.8	36	2.8	34	38	29	41	30
Magnesium, dissolved (mg/L)	6.3	6.3	1.0	5.4	7.1	4.5	8.3	31
Sodium, dissolved (mg/L)	26.6	26	4.3	23	29	19	36	31
Sodium, percent	30.79	30.46	2.26	29.52	32.70	26.60	36.53	30
Sodium adsorption ratio	1.08	1.06	0.14	0.98	1.16	0.82	1.43	30
Potassium, dissolved (mg/L)	11.3	11	2.0	10	13	7	16	31
Sulfate, dissolved (mg/L)	21.4	21	5.5	18	24	11	37	31
Chloride, dissolved (mg/L)	3.2	3.2	0.6	2.8	3.7	2.2	4.4	31
Sulfate, water, dissolved, uncorrected (mg/L)	--	--	--	--	--	1	1	1
Fluoride, dissolved (mg/L)	0.5	0.5	0.1	0.4	0.5	0.4	0.6	11
Silica, dissolved (mg/L)	46.2	47	6.5	40	51	34	57	31
Solids, sum of constituents, dissolved (mg/L)	247.71	247.44	22.14	224.33	264.11	206.79	285.61	29

Table 31. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	261.6	266	25.3	243	282	218	296	19
Solids, dissolved (tons per acre-foot)	0.34	0.33	0.04	0.31	0.37	0.28	0.40	29
Solids, dissolved (tons per day)	39.08	30.54	28.26	16.51	63.21	10.68	130.62	29
Residue, total non filterable (mg/L)	65.0	45	56.3	22.3	103	7	216	20
Nitrogen ammonia, dissolved (mg/L)	0.03	0.02	0.02	0.02	0.05	0.01	0.06	11
Nitrogen, ammonia, dissolved (mg/L as NH_4)	0.04	0.03	0.02	0.03	0.06	0.01	0.08	11
Nitrogen, nitrite, total (mg/L as N)	0.03	0.02	0.02	0.01	0.05	0.01	0.05	5
Nitrogen, nitrite, dissolved (mg/L as N)	0.01	0.01	0.003	0.01	0.01	0.01	0.02	31
Nitrogen nitrite plus nitrate, total (mg/L as N)	0.6	0.6	0.2	0.4	0.7	0.1	1.2	32
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	0.6	0.6	0.2	0.4	0.7	0.1	1.2	31
Nitrogen nitrate, total (mg/L as N)	0.6	0.6	0.2	0.4	0.7	0.1	1.2	32
Phosphorus, total (mg/L)	0.3	0.3	0.2	0.2	0.4	0.1	0.9	13
Phosphorus, dissolved (mg/L)	0.25	0.25	0.12	0.16	0.32	0.03	0.51	20
Phosphorus orthophosphate, total (mg/L as P)	0.31	0.30	0.03	0.29	0.34	0.29	0.34	3
Phosphorus orthophosphate, dissolved (mg/L)	0.21	0.20	0.10	0.16	0.27	0.07	0.45	28
Antimony, total (µg/L)	1.3	1	0.6	1	2	1	2	3
Antimony, dissolved (µg/L)	4.2	2	6.3	1	3.5	1	21	17
Arsenic, total (µg/L)	9.3	10	1.2	8	10	8	10	3
Arsenic, dissolved (µg/L)	9.6	9	1.5	8.8	10.3	7	13	18
Barium, total (µg/L)	133.3	100	57.7	100	200	100	200	3
Barium, dissolved (µg/L)	111.2	110	15.1	100	120	94	150	17
Beryllium, total (µg/L)	10	10	0	10	10	10	10	3
Beryllium, dissolved (µg/L)	1.1	0.5	2.2	0.5	0.5	0.5	10	18
Boron, total (µg/L)	75	75	7.1	--	--	70	80	2

Table 31. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Boron, dissolved (µg/L)	48.9	50	8.7	40	60	30	60	19
Cadmium, total (µg/L)	1	1	0	1	1	1	1	3
Cadmium, dissolved (µg/L)	2	1	2.6	1	1	1	10	18
Chromium, dissolved (µg/L)	1	1	0	1	1	1	1	17
Cobalt, dissolved (µg/L)	6.1	3	12.1	3	3	3	50	15
Copper, dissolved (µg/L)	4.6	3.5	4.9	1.3	5	1	22	20
Iron, dissolved (µg/L)	38.5	36	27.6	12	60	3	100	19
Lead, dissolved (µg/L)	4.2	5	1.5	3	5	1	5	19
Manganese, dissolved (µg/L)	10.8	7	15.2	4.3	8	1	69	20
Mercury, dissolved (µg/L as Hg)	0.1	0.1	0	0.1	0.1	0.1	0.1	19
Nickel, total (µg/L)	6.7	9	4.0	2	9	2	9	3
Nickel, dissolved (µg/L)	2.5	2	1.9	1	4	1	7	17
Selenium, total (µg/L)	1	1	0	1	1	1	1	3
Selenium, dissolved (µg/L)	1	1	0	1	1	1	1	30
Silver, total (µg/L)	1	1	0	1	1	1	1	3
Silver, dissolved (µg/L)	1.1	1	0.2	1	1	1	2	18
Thallium, total (µg/L)	1	1	0	1	1	1	1	3
Thallium, dissolved (µg/L)	1	1	0	1	1	1	1	15
Zinc, dissolved (µg/L)	15.3	8	22.1	5	14	3	100	30
Cyanide, total (mg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	3
Cyanide, dissolved (mg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Sediment, suspended concentration (mg/L)	221.6	173	216.3	57.5	306.3	12	984	24
Sediment discharge, suspended (tons/day)	158.5	20.6	532.6	4.2	81.6	0.6	2,635.5	24
Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	--	--	--	--	--	0	0	1

Table 31. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	--	--	--	--	--	17	17	1
Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	--	--	--	--	--	80	80	1
Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	--	--	--	--	--	98	98	1
Sediment, bed material, sieve diameter, percent finer than 2.00 mm	--	--	--	--	--	99	99	1
Sediment, bed material, sieve diameter, percent finer than 4.00 mm	--	--	--	--	--	100	100	1
Sediment, suspended, sieve diameter, percent finer than .062 mm	82.1	86	--	--	--	50	96.8	25
Sediment, suspended, fall diameter, distilled water, percent finer than .002 mm	--	--	--	--	--	60	60	1
Sediment, suspended, fall diameter, distilled water, percent finer than .004 mm	--	--	--	--	--	74	74	1
Sediment, suspended, fall diameter, distilled water, percent finer than .008 mm	--	--	--	--	--	81	81	1
Sediment, suspended, fall diameter, distilled water, percent finer than .016 mm	--	--	--	--	--	87	87	1
Sediment, suspended, fall diameter, distilled water, percent finer than .062 mm	--	--	--	--	--	98	98	1
Sediment, suspended, fall diameter, distilled water, percent finer than .125 mm	--	--	--	--	--	100	100	1
Organic Constituents								
Turbidity (NTU)	30.8	28.5	21.9	9.1	47.3	5	75	20
Alachlor, total recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Aldrin, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Ametryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5

Table 31. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosophorus; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents—Continued								
Atrazine, water, unfiltered, recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Carbaryl, water, unfiltered, recoverable (µg/L)	2	2	0	2	2	2	2	4
Chlordane, technical, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Chlordane, technical, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Cyanazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
2,4-D, total (µg/L)	0.02	0.02	0.02	0.01	0.04	0.01	0.05	5
P,P'-DDD, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
P,P'-DDD, water, filtered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
DDE, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
P,P'-DDE , water, filtered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
P,P'-DDT, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
P,P'-DDT, water, filtered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
2, 4-DP, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Diazinon, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Diazinon, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Dieldrin, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Dieldrin, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Disulfoton, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	3
Endosulfan I, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Endosulfan I, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Endrin, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Ethion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Ethion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Guthion, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	4
Heptachlor, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5

Table 31. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
			Organic Constituents—Continued					
Heptachlor, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Heptachlor epoxide, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Heptachlor epoxide, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Lindane, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Lindane, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Malathion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Malathion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Methomyl, total (µg/L)	2	2	0	2	2	2	2	4
Methoxychlor, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Methoxychlor, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Metolachlor, water, whole, total recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Metribuzin, water, whole, total recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Mirex, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Mirex, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Parathion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Parathion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Methyl parathion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Methyl parathion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
PCN's, water, unfiltered, recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
PCB, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
PCB, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
PCN, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Perthane, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Perthane, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Phorate, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5

Table 31. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449100, Little White River near Vetal, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosophorus; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents—Continued								
Prometone, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Prometryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Propazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Propham, total (µg/L)	2	2	0	2	2	2	2	4
Silvex, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Simazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
Simetryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	5
2,4,5-T, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Toxaphene, total (µg/L)	1	1	0	1	1	1	1	5
Toxaphene, dissolved (µg/L)	1	1	0	1	1	1	1	5
Trifluralin, total recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	3
Trithion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Trithion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Methyl trithion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5
Methyltrithion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	5

Table 32. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449250, Spring Creek near St. Francis, South Dakota

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; NO_3, nitrate; --, not applicable]

Date of sampling (year/month/day)	Sample number	Discharge (cubic feet per second)	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	pH, water, whole, field (standard units)	Water temperature (degrees Celsius)	Hardness total (mg/L)	Noncarbonate hardness water whole total, field, (mg/L as $CaCO_3$)	Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	Calcium dissolved (mg/L)	Magnesium, dissolved (mg/L)	Sodium, dissolved (mg/L)
19651117	96600075	0.5	--	496	7.7	2.2	218.4	0	261	66	13	16
19730710	97300055	--	0.01	480	--	30	--	--	--	--	--	--
19730809	97300056	--	0	--	--	--	--	--	--	--	--	--
19730905	97300057	--	0	--	--	--	--	--	--	--	--	--
19731002	97400058	--	0	--	--	--	--	--	--	--	--	--
19731031	97400059	--	0	--	--	--	--	--	--	--	--	--
19731128	97400060	--	0	--	--	--	--	--	--	--	--	--
19731218	97400061	--	.2	--	--	--	--	--	--	--	--	--
19740115	97400062	--	0	--	--	--	--	--	--	--	--	--
19740212	97400063	--	6	--	--	--	--	--	--	--	--	--
19740316	97400064	--	8.6	350	--	2.5	--	--	--	--	--	--
19740416	97400065	--	12	410	--	12	--	--	--	--	--	--
19740521	97400066	--	8.9	400	--	18	--	--	--	--	--	--
19740618	97400067	--	.4	430	--	25	--	--	--	--	--	--
19740723	97400068	--	0	--	--	--	--	--	--	--	--	--
19740820	97400069	--	0	--	--	--	--	--	--	--	--	--
19740917	97400070	--	0	--	--	--	--	--	--	--	--	--
19741015	97500086	--	0	--	--	--	--	--	--	--	--	--

Table 32. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449250, Spring Creek near St. Francis, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; NO_3, nitrate; --, not applicable]

Date of sampling (year/month/day)	Sample number	Sodium, percent	Sodium adsorption ratio	Potassium, dissolved (mg/L)	Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	Sulfate, dissolved (mg/L)	Chloride, dissolved (mg/L)	Fluoride, dissolved (mg/L)	Silica, dissolved (mg/L)	Nitrogen, nitrate, dissolved (mg/L as NO_3)	Boron, dissolved (µg/L)	Iron (µg/L)
19651117	96600075	12.7	0.47	16	318	0	5.2	5.2	0.6	46	0.4	40	100
19730710	97300055	--	--	--	--	--	--	--	--	--	--	--	--
19730809	97300056	--	--	--	--	--	--	--	--	--	--	--	--
19730905	97300057	--	--	--	--	--	--	--	--	--	--	--	--
19731002	97400058	--	--	--	--	--	--	--	--	--	--	--	--
19731031	97400059	--	--	--	--	--	--	--	--	--	--	--	--
19731128	97400060	--	--	--	--	--	--	--	--	--	--	--	--
19731218	97400061	--	--	--	--	--	--	--	--	--	--	--	--
19740115	97400062	--	--	--	--	--	--	--	--	--	--	--	--
19740212	97400063	--	--	--	--	--	--	--	--	--	--	--	--
19740316	97400064	--	--	--	--	--	--	--	--	--	--	--	--
19740416	97400065	--	--	--	--	--	--	--	--	--	--	--	--
19740521	97400066	--	--	--	--	--	--	--	--	--	--	--	--
19740618	97400067	--	--	--	--	--	--	--	--	--	--	--	--
19740723	97400068	--	--	--	--	--	--	--	--	--	--	--	--
19740820	97400069	--	--	--	--	--	--	--	--	--	--	--	--
19740917	97400070	--	--	--	--	--	--	--	--	--	--	--	--
19741015	97500086	--	--	--	--	--	--	--	--	--	--	--	--

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
			Inorganic Constituents					
Discharge, instantaneous (cubic feet per second)	133.7	97.5	153.6	69.2	142	7.5	1550	187
Gage height (feet)	--	--	--	--	--	-0.23	4.85	67
Specific conductance (µS/cm at 25 degrees centigrade)	313.3901	307	46.6029	280	341	219	580	182
pH, water, whole, field (standard units)	--	--	--	--	--	7.1	9.4	111
Temperature, air (deg C)	13.9	14	10.8	6.3	22.3	-18	38	173
Water temperature (deg C)	11.5	11.5	9.1	2.5	19.8	-1	31	189
Turbidity (NTU)	33.6	27	32.7	12	40	1	220	107
Barometric pressure (mm of Hg)	--	--	--	--	--	680	788	88
Oxygen, dissolved (mg/L)	9.9	9.6	2.0	8.1	11.5	6.7	14.2	97
Hardness, total (mg/L)	113.29	113.84	11.04	107.05	120.61	66.45	133.73	60
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	155	155	1
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	148.6	147	20.2	136	163	65	195	105
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	147	147	1
Alkalinity, water, whole, total, fixed endpoint titration, lab (mg/L as $CaCO_3$)	--	--	--	--	--	165	165	1
Calcium, dissolved (mg/L)	36.0	36.5	3.3	34	38	21	43	60
Magnesium, dissolved (mg/L)	5.7	5.65	0.8	5	6.1	3.4	7.5	62
Sodium, dissolved (mg/L)	22.0	21	4.1	19	26	10	31	62
Sodium, percent	27.47	27.25	2.36	25.58	28.71	21.28	33.14	60
Sodium adsorption ratio	0.90	0.88	0.14	0.79	1.01	0.53	1.22	60

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Potassium, dissolved (mg/L)	9.7	9.4	1.7	8.6	11	5.8	14	62
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	--	--	--	--	--	167	167	1
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	--	--	--	--	--	189	189	1
Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	--	--	--	--	--	6	6	1
Carbonate, water, dissolved, incremental titration, field (mg/L as CO_3)	--	--	--	--	--	0	0	1
Sulfate, dissolved (mg/L)	16.0	15	4.6	13	18	6.4	30	61
Chloride, dissolved (mg/L)	3.7	3.15	3.2	2.1	3.9	0.8	17	62
Sulfate, water, dissolved, uncorrected (mg/L)	9.7	14	7.5	1	14	1	14	3
Fluoride, dissolved (mg/L)	0.5	0.5	0.1	0.4	0.5	0.3	0.7	27
Silica, dissolved (mg/L)	48.8	49	5.2	45	53	38	56	23
Solids, sum of constituents, dissolved (mg/L)	201.75	192.38	33.81	175.69	227.41	113.95	269.44	57
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	234.1	232	27.5	219	253	151	292	61
Residue, total nonfilterable (mg/L)	176.4	94	362.2	33.3	157.5	1	2,500	60
Nitrogen ammonia, dissolved (mg/L)	0.03	0.02	0.02	0.01	0.04	0.01	0.11	41
Nitrogen, nitrite, total (mg/L as N)	0.03	0.02	0.03	0.01	0.03	0.01	0.19	65
Nitrogen, nitrite, dissolved (mg/L as N)	0.01	0.01	0.01	0.01	0.01	0.01	0.05	62
Nitrogen nitrite plus nitrate, total (mg/L as N)	0.5	0.5	0.2	0.4	0.7	0.1	1.3	65
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	0.6	0.52	0.2	0.4	0.7	0.1	1.6	61

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
			Inorganic Constituents—Continued					
Nitrogen nitrate, total (mg/L as N)	0.45	0.45	0.18	0.37	0.52	0.1	0.97	41
Phosphorus, total (mg/L)	0.27	0.27	0.10	0.19	0.32	0.08	0.57	65
Phosphorus, dissolved (mg/L)	0.20	0.18	0.10	0.14	0.25	0.03	0.54	57
Phosphorus orthophosphate, total (mg/L as P)	0.19	0.18	0.13	0.09	0.27	0.003	0.51	12
Phosphorus orthophosphate, dissolved (mg/L)	0.18	0.18	0.08	0.132	0.22	0.02	0.47	59
Antimony, total (µg/L)	1.2	1	0.4	1	1.5	1	2	5
Antimony, dissolved (µg/L)	3.8	2	5.3	1	3	1	20	19
Arsenic, total (µg/L)	6.6	7	2.8	5.75	8	0	12	22
Arsenic, dissolved (µg/L)	8	8	2.0	7	9	5	13	60
Barium, total (µg/L)	160	100	89.4	100	250	100	300	5
Barium, dissolved (µg/L)	89.2	100	36.3	63	110	2	180	51
Beryllium, total (µg/L)	8.3	10	4.1	7.5	10	0	10	6
Beryllium, dissolved (µg/L)	1.1	0.5	2.2	0.5	0.5	0.5	10	19
Boron, total (µg/L)	60	60	8.2	52.5	67.5	50	70	4
Boron, dissolved (µg/L)	45.1	40	9.5	40	50	30	80	57
Cadmium, total (µg/L)	1	1	0	1	1	1	1	20
Cadmium, dissolved (µg/L)	5.8	10	4.4	1	10	1	10	60
Chromium, dissolved (µg/L)	1	1	0	1	1	1	1	19
Cobalt, dissolved (µg/L)	5.9	3	11.8	3	3	3	50	16
Copper, dissolved (µg/L)	4.0	3	4.6	1	4	1	29	62
Iron, total (µg/L)	3,416	2,950	2,854	1,725	3,925	560	13,000	16
Iron, dissolved (µg/L)	90	34.5	164	18	90.0	5	1,100	62
Lead, dissolved (µg/L)	2.7	1	3.1	1	5	1	20	59

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Manganese, total (µg/L)	129.4	95	171.9	62.5	130	20	760	16
Manganese, dissolved (µg/L)	7.2	4.5	8.2	2	8.3	1	48	62
Mercury, dissolved (µg/L as Hg)	0.2	0.1	0.5	0.1	0.1	0.1	3.8	59
Molybdenum, dissolved (µg/L)	--	--	--	--	--	1.8	1.8	1
Nickel, total (µg/L)	8.8	6.5	8.4	3	15	0	24	6
Nickel, dissolved (µg/L)	1.4	1	1.0	1	1.3	1	5	18
Selenium, total (µg/L)	1	1	0	1	1	1	1	21
Selenium, dissolved (µg/L)	1.0	1	0.2	1	1	1	3	109
Silver, total (µg/L)	0.8	1	0.4	0.8	1	0	1	6
Silver, dissolved (µg/L)	1	1	0	1	1	1	1	19
Thallium, total (µg/L)	1	1	0	1	1	1	1	5
Thallium, dissolved (µg/L)	1	1	0	1	1	1	1	16
Vanadium, dissolved (µg/L)	--	--	--	--	--	8.6	8.6	1
Zinc, dissolved (µg/L)	14.3	8	20.9	4	17	3	150	95
Uranium, natural, water, dissolved (µg/L)	--	--	--	--	--	2	2	1
Uranium, natural, 2 sigma precision estimate, water, dissolved (µg/L)	--	--	--	--	--	0.054	0.054	1
Cyanide, total (mg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	20
Cyanide, dissolved (mg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	55
Sediment, suspended concentration (mg/L)	966	485	1,628	236	990	35	10,200	47
Sediment, suspended, sieve diameter, percent finer than .062 mm	44.9	39	23.1	28.5	57.5	12	99	45

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents								
Alachlor, total recoverable (µg/L)	0.1	0.1	0.03	0.1	0.1	0.1	0.2	13
Aldrin, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Aldrin, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Ametryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	17
Atrazine, water, unfiltered, recoverable (µg/L)	0.1	0.1	0.1	0.1	0.1	0.1	0.5	17
Carbaryl, water, unfiltered, recoverable (µg/L)	0.9	0.5	0.7	0.5	2	0.5	2	14
Chlordane, technical, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	15
Chlordane, technical, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	16
Cyanazine, total (µg/L)	0.1	0.1	0.1	0.1	0.2	0.1	0.2	17
2,4-D, total (µg/L)	0.01	0.01	0.004	0.01	0.015	0.01	0.02	17
P,P'-DDD, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
P,P'-DDD, water, filtered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
DDE, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
P,P'-DDE, water, filtered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
P,P'-DDT, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
P,P'-DDT, water, filtered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
2, 4-DP, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	17
Diazinon, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Diazinon, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Dieldrin, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents—Continued								
Dieldrin, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Disulfoton, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	13
Endosulfan I, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Endosulfan I, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Endrin, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Endrin, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Ethion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Ethion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Guthion, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Heptachlor, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Heptachlor, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Heptachlor epoxide, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Heptachlor epoxide, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Lindane, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Lindane, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Malathion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Malathion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Methomyl, total (µg/L)	0.9	0.5	0.7	0.5	2	0.5	2	14
Methoxychlor, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Methoxychlor, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Metolachlor, water, whole, total recoverable (µg/L)	0.1	0.1	0.1	0.1	0.2	0.1	0.2	13
Metribuzin, water, whole, total recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	13

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents—Continued								
Mirex, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Mirex, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Parathion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Parathion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Methyl parathion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Methyl parathion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
PCN's, water, unfiltered, recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	15
PCB, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	15
PCB, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	16
PCN, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	16
Perthane, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	15
Perthane, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	16
Phorate, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Phenols, total (µg/L)	--	--	--	--	--	12	12	1
Prometone, total (µg/L)	0.1	0.1	0.1	0.1	0.2	0.1	0.2	17
Prometryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	17
Propazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	18
Propham, total (µg/L)	0.9	0.5	0.7	0.5	2	0.5	2	14
Silvex, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	17
Simazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	17
Simetryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	17
2,4,5-T, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	17
Toxaphene, total (µg/L)	1	1	0	1	1	1	1	15
Toxaphene, dissolved (µg/L)	1	1	0	1	1	1	1	16

Table 33. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06449300, Little White River above Rosebud, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents—Continued								
Trifluralin, total recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	15
Trithion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	15
Trithion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	16
Methyl trithion, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	9
Methyltrithion, dissolved (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	12

Table 34. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota

[µS/cm, microsiemens per centimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19741112	97500087	7	365	--	5
19741211	97500088	6.3	360	--	0
19750107	97500089	6.6	370	--	.5
19750205	97500090	4.8	360	--	0
19750304	97500091	6.8	360	--	2
19750304	97500092	6.8	360	--	2
19750402	97500093	10	290	--	1
19750410	97500094	10	--	--	5.5
19750430	97500095	9.2	360	--	11.5
19750430	97500096	9.2	360	--	11.5
19750520	97500097	7.1	340	--	14.5
19750617	97500098	7.4	320	--	20
19750722	97500099	5.1	305	--	25.5
19750813	97500100	4.1	330	--	18.5
19750910	97500101	4	335	--	20
19751007	97600114	5	360	30	15
19751106	97600115	5.5	360	17.5	8
19751203	97600116	6.6	370	20	2
19760107	97600117	5.4	115	-20	0
19760127	97600118	6.9	360	7	1
19760225	97600119	6.9	115	8	5
19760323	97600120	6.6	360	25	8.5
19760420	97600121	6.3	340	20	10
19760518	97600122	4.6	350	30	20.5
19760615	97600123	5.9	330	17	13
19760713	97600124	2.2	310	26	25
19760810	97600125	3.3	360	33	29
19760908	97600126	4.5	360	17	17
19761005	97700146	4.4	360	10	7
19761103	97700147	6.1	360	6	5
19761201	97700148	7	210	1	1.5
19761228	97700149	5.7	180	2	4
19770125	97700150	6.8	310	4.5	1.5
19770224	97700151	11	330	3	2.5
19770316	97700152	8.3	330	2	2

Table 34. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19770411	97700153	13	330	14	11.5
19770413	97700154	13	340	9.5	8
19770419	97700155	14	340	5	10
19770517	97700156	8.6	360	22	21
19770615	97700157	7.8	350	21	21.5
19770712	97700158	6.8	330	28.5	25.5
19770810	97700159	12	300	11	17.5
19770930	97700160	66	380	12	13.5
19771101	97800122	7.8	400	9	9
19771130	97800123	7.8	400	4	3
19771229	97800124	6	400	0	0
19780130	97800125	7.2	400	-3	0
19780301	97800126	7	380	-7	0
19780316	97800127	11	310	4.5	3.5
19780411	97800128	8.8	370	25	12
19780510	97800129	9.5	340	23.5	16
19780613	97800130	.1	690	27	23
19780711	97800131	8.7	370	32	25
19780829	97800132	7.8	350	20	18
19781003	97900106	6.7	330	17.5	15
19781101	97900107	7.7	320	20	6
19781128	97900108	9	350	5	2.5
19781220	97900109	8.1	400	2	0
19790123	97900110	10	380	-12	.5
19790221	97900111	7.8	370	-1	2
19790321	97900112	11	400	4	1
19790418	97900113	9.8	370	23	15
19790516	97900114	11	300	17	16
19790613	97900115	6.7	340	28	25
19790711	97900116	7.2	330	29.5	23
19790808	97900117	5.2	330	25	--
19790906	97900118	.3	410	28	26
19791002	98000103	4.8	340	18	17
19791030	98000104	11.4	360	4	5
19791127	98000105	5.1	410	0	1

Table 34. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19791218	98000106	8.0	360	12	2.5
19800123	98000107	8.1	370	--	1
19800220	98000108	8.5	325	12	4
19800319	98000109	7.9	340	15	7.5
19800415	98000110	8.2	335	11	11
19800514	98000111	8.3	310	18	17
19800610	98000112	6.7	320	25	21
19800709	98000113	4.6	270	26	25
19800805	98000114	3.7	290	25.5	20
19800903	98000115	5.2	290	27	22.5
19801003	98100100	5.2	340	17	13.5
19801029	98100101	9.7	350	6	8
19801125	98100102	6.3	345	3	3
19810121	98100103	4.7	370	5	1
19810319	98100104	6.8	320	--	--
19810416	98100105	5.6	340	22.5	10.5
19810514	98100106	6.1	330	22.5	15.5
19810610	98100107	5.9	310	22	18.5
19810708	98100108	5.1	--	23.5	21.5
19810805	98100109	19	300	--	--
19810902	98100110	4.3	--	29	21.5
19811008	98200094	6.1	--	16	12
19811118	98200095	6.5	350	1.7	6
19820113	98200096	6.2	--	--	0
19820309	98200097	10.6	340	--	6
19820407	98200098	7.2	420	2.5	5
19820505	98200099	.7	375	11.5	10.5
19820602	98200100	9.5	640	20.5	19
19820630	98200101	6.4	343	26.5	21.5
19820727	98200102	7.0	320	31	31.5
19820825	98200103	5.0	385	17.5	14
19820921	98200104	6.1	350	28	17
19821020	98300099	7.8	380	-2.5	3
19821021	98300100	8	430	15.5	5.5
19830118	98300101	5.9	400	-1	1

Table 34. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19830223	98300102	7	340	11	5
19830323	98300103	7.4	370	0	3.5
19830420	98300104	7.9	360	18	14
19830518	98300105	14.1	420	9	10.5
19830615	98300106	7.8	340	17	17
19830713	98300107	4.9	480	24	24.5
19830824	98300108	5.4	340	26	24.5
19831005	98400113	6.6	280	15	13.5
19831027	98400114	7.1	340	18	10
19831222	98400115	6.5	400	-25	0
19840216	98400116	7.4	350	6	5
19840314	98400117	9.9	440	13.5	8.5
19840417	98400118	8.7	360	16	13.5
19840516	98400119	8.2	340	27	19.5
19840612	98400120	7.8	340	18	17
19840712	98400121	8.4	320	32.5	27
19840807	98400122	5.8	320	22	23
19840905	98400123	5.6	330	17	17
19841004	98501500	6.8	340	23	12
19841031	98501501	7.3	410	8	5
19841120	98501502	9.1	340	6	2
19850104	98501503	6.2	340	.5	0
19850122	98501504	7.4	380	-1.5	0
19850220	98501505	16	210	3.5	0
19850319	98501506	8.4	325	15	7
19850418	98501507	7.4	360	30	26
19850515	98501508	6.5	350	12	14
19850613	98501509	5.9	330	21	18
19850710	98501510	3.8	318	31	24
19850808	98501511	4.3	302	31.5	25
19850912	98501512	7.4	345	17.5	18
19851009	98601637	5.9	350	3	5
19851030	98601638	6.6	347	13	8.5
19851205	98601639	7.9	--	1	0
19860108	98601640	7.1	345	3.5	.5

Table 34. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19860130	98601641	8.7	--	-3	0
19860226	98601642	11	280	15	3
19860423	98601643	8.9	415	28	18
19860521	98601644	7.8	305	23	20.5
19860618	98601645	7	330	33	26.5
19860717	98601646	6	520	24	22.5
19860813	98601647	8.6	300	24.5	20.5
19860910	98601648	8.2	370	17.5	17
19861008	98701390	6.6	355	10	12
19861105	98701391	9	350	16	10
19861203	98701392	6.9	360	1.5	3
19870107	98701393	6	340	0	1
19870128	98701394	7.8	350	5	2.5
19870225	98701395	7.7	340	-1	1
19870402	98701396	12	330	-3	3
19870422	98701397	9.6	360	13	11
19870520	98701398	9.4	340	20.5	19
19870617	98701399	15	300	25	24.5
19870715	98701400	6.1	375	32	24
19870812	98701401	5.2	330	18	18
19870909	98701402	6.2	316	24	20.5
19871007	98801672	7.1	--	0	9
19871028	98801673	7.1	350	18	--
19871203	98801674	7.5	--	5	1.5
19880114	98801675	8.6	360	3.5	0
19880225	98801676	7.7	360	-.5	.5
19880405	98801677	8.4	320	14.5	13
19880511	98801678	8.7	358	23	19.5
19880614	98801679	10.0	318	15	17
19880713	98801680	6.2	330	28	23.5
19880816	98801681	4.2	308	39.5	27.5
19880927	98801682	5.9	337	17	14.5
19881102	98901444	7.9	338	18	8
19881214	98901445	8.2	350	7	2
19890112	98901446	6.8	356	5	0

Table 34. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19890216	98901447	7.4	338	11	0
19890330	98901448	7.8	337	2	6.5
19890427	98901449	8.5	339	2.5	12
19890524	98901450	6.9	342	18	21.5
19890621	98901451	4.8	312	16	19.5
19890725	98901452	4.8	299	32	23.5
19890914	98901453	5.9	337	23	16
19891018	99001145	6.3	354	4.5	8
19891205	99001146	7.4	355	8	5
19900122	99001147	6.9	355	9.5	3.5
19900227	99001148	7.4	334	3	6
19900404	99001149	7	322	9.5	10
19900501	99001150	7.0	348	14.5	12
19900612	99001151	6.8	343	20.5	20
19900711	99001152	15.7	284	24	19
19900905	99001397	4.8	324	34.5	26
19901010	99101294	6.5	353	18.5	10.5
19901205	99101295	6.5	364	9	3.5
19910109	99101296	7.1	364	--	0
19910225	99101297	9.6	355	0	3
19910410	99101298	7.3	332	17	11
19910508	99101299	7.9	321	21	15
19910611	99101300	7.7	344	28.5	25
19910716	99101301	4.8	355	31.5	23
19910821	99101302	4.6	324	29.5	24.5
19911002	99201066	5.9	351	16	17
19911114	99201067	8.2	357	3	4
19920109	99201068	7.6	356	-6	0
19920220	99201069	7.2	352	0	2
19920331	99201070	6.7	340	9	9
19920513	99201071	5.9	323	10	15
19920608	99201072	7.9	355	18	17
19920709	99201073	6.5	331	22	22.5
19920818	99201074	5.8	330	25.5	23
19921005	99301715	9	385	15	15

Table 34. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449400, Rosebud Creek at Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)
19921119	99301716	9.2	370	5	4
19930106	99301717	6.0	373	-5	.5
19930303	99301718	11.7	380	2	0
19930406	99301719	8.4	373	6	5.5
19930513	99301720	7.6	387	21.5	16
19930617	99301721	30.2	249	25	19
19930630	99301722	1.3	--	24	21
19930811	99301723	5.5	346	29	21
19930908	99301724	5.6	341	25.5	19.5
19931019	99400222	7.0	350	11	9
19931201	99401670	7.3	356	5.5	2
19931229	99401671	6.2	409	-3	2
19940216	99401672	11.8	341	5	3
19940601	99401673	8.0	321	17.5	20
19940628	99401674	5.5	314	22.5	23.5
19940810	99401675	5.8	320	20	--
19941011	99502444	6.9	335	24	14
19941114	99502445	6.5	349	4.5	6
19950110	99502446	8.1	358	-4	0
19950221	99502447	8.3	333	19.5	6.5
19950413	99502448	12.6	311	11.5	7.5
19950414	99502449	11.4	321	15.5	10.5
19950424	99502450	12.1	341	13.5	10.5
19950511	99502451	11.2	364	19.5	14.5
19950626	99502452	12.1	348	24	19
19950817	99502453	6.4	330	32.5	25
19951017	99602046	8.1	359	16.5	11.5
19951204	99602047	7.8	360	11.5	4
19960206	99602048	7.4	363	7.5	0
19960416	99602049	8.9	359	15	9
19960520	99602050	8.5	354	19	19
19960718	99602052	6.5	320	28	26.5
19960826	99602053	5.8	319	20.5	21.5

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19751007	97600127	60	--	29	16	--	--	--	--	--	--	--	--
19751106	97600128	79	--	14	8	--	--	--	--	--	--	--	--
19751203	97600129	74	--	18	0	--	--	--	--	--	--	--	--
19760107	97600130	53	--	-30	0	--	--	--	--	--	--	--	--
19760127	97600131	57	--	7	0	--	--	--	--	--	--	--	--
19760225	97600132	140	--	7	3	--	--	--	--	--	--	--	--
19760323	97600133	116	--	23.5	9.5	--	--	--	--	--	--	--	--
19760420	97600134	93	--	14	8	--	--	--	--	--	--	--	--
19760518	97600135	90	--	29	20.5	--	--	--	--	--	--	--	--
19760615	97600136	64	--	16	13	--	--	--	--	--	--	--	--
19760713	97600137	74	--	26	26.5	--	--	--	--	--	--	--	--
19760810	97600138	46	--	32	28	--	--	--	--	--	--	--	--
19760908	97600139	46	--	32	28	--	--	--	--	--	--	--	--
19761005	97700161	53	--	8	6	--	--	--	--	--	--	--	--
19761103	97700162	67.5	--	6	3	--	--	--	--	--	--	--	--
19761201	97700163	53.9	--	-1	0	--	--	--	--	--	--	--	--
19761229	97700164	60.7	--	-2	0	--	--	--	--	--	--	--	--
19770125	97700165	65.4	--	.5	0	--	--	--	--	--	--	--	--
19770224	97700166	67.7	--	1	0	--	--	--	--	--	--	--	--
19770316	97700167	103	--	2	2	--	--	--	--	--	--	--	--
19770323	97700168	116	--	16	4	--	--	--	--	--	--	--	--
19770411	97700169	522	--	14	12.5	--	--	--	--	--	--	--	--
19770413	97700170	584	--	6.5	6.5	--	--	--	--	--	--	--	--
19770420	97700171	485	--	8	10	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19770517	97700172	161	--	22	21.5	--	--	--	--	--	--	--	--
19770613	--	--	--	--	--	--	--	--	--	--	--	--	--
19770615	97700174	130	--	21	21	--	--	--	--	--	--	--	--
19770712	97700175	78.5	--	28	27.5	--	--	--	--	--	--	--	--
19770810	97700176	108	--	16	18	--	--	--	--	--	--	--	--
19770907	97700177	68.1	--	25	25	--	--	--	--	--	--	--	--
19771101	97800133	84	350	14	5	--	--	--	--	--	--	--	--
19771130	97800134	112	320	4	0	--	--	--	--	--	--	--	--
19771228	97800135	94	420	1.5	0	--	--	--	--	--	--	--	--
19780130	97800136	69	380	-1	0	--	--	--	--	--	--	--	--
19780301	97800137	75	360	-7	0	--	--	--	--	--	--	--	--
19780315	97800138	720	180	0	.5	--	--	--	--	--	--	--	--
19780411	97800139	199	320	21.5	11	--	--	--	--	--	--	--	--
19780510	97800140	203	340	23.5	17.5	--	--	--	--	--	--	--	--
19780614	97800141	126	370	25	26	--	--	--	--	--	--	--	--
19780711	97800142	85	350	32	28	--	--	--	--	--	--	--	--
19780829	97800143	80	340	20	16	--	--	--	--	--	--	--	--
19781004	97900119	63	310	15	10	--	--	--	--	--	--	--	--
19781101	97900120	83	360	18	6	--	--	--	--	--	--	--	--
19781128	97900121	78	315	1	0	--	--	--	--	--	--	--	--
19781220	97900122	71	350	2	0	--	--	--	--	--	--	--	--
19790124	97900123	68	400	-5	0	--	--	--	--	--	--	--	--
19790221	97900124	87	340	-5	0	--	--	--	--	--	--	--	--
19790321	97900125	263	350	3	0	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19790418	97900126	197	340	21	13	--	--	--	--	--	--	--	--
19790516	97900127	131	350	17	16	--	--	--	--	--	--	--	--
19790613	97900128	102	380	22	19	--	--	--	--	--	--	--	--
19790711	97900129	126	330	31	26.5	--	--	--	--	--	--	--	--
19790808	97900130	108	330	23.5	24	--	--	--	--	--	--	--	--
19790906	97900131	69	340	26	23	--	--	--	--	--	--	--	--
19791002	98000116	66.3	330	18	16	--	--	--	--	--	--	--	--
19791030	98000117	123	270	5	4	--	--	--	--	--	--	--	--
19791127	98000118	94.2	580	0	1	--	--	--	--	--	--	--	--
19791218	98000119	134	370	11	0	--	--	--	--	--	--	--	--
19800123	98000120	74.5	340	0	0	--	--	--	--	--	--	--	--
19800220	98000121	143	305	10	0	--	--	--	--	--	--	--	--
19800319	98000122	79.9	270	14	6	--	--	--	--	--	--	--	--
19800415	98000123	236	300	8.5	9	--	--	--	--	--	--	--	--
19800514	98000124	129	320	23	16.5	--	--	--	--	--	--	--	--
19800610	98000125	91.7	315	25	22.5	--	--	--	--	--	--	--	--
19800709	98000126	61.6	300	26.5	24.5	--	--	--	--	--	--	--	--
19800805	98000127	43	320	23.5	17.5	--	--	--	--	--	--	--	--
19800903	98000128	63	350	27	24	--	--	--	--	--	--	--	--
19801003	98100111	67	290	17	14	--	--	--	--	--	--	--	--
19801029	98100112	88	300	4	7	--	--	--	--	--	--	--	--
19801125	98100113	81	280	2	1	--	--	--	--	--	--	--	--
19810121	98100114	68	280	5	0	--	--	--	--	--	--	--	--
19810319	98100115	95	290	--	--	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19810416	98100116	78	300	16	10	--	--	--	--	--	--	--	--
19810514	98100117	86	310	22.5	14.5	--	--	--	--	--	--	--	--
19810610	98100118	82	320	22	17.5	--	--	--	--	--	--	--	--
19810708	98100119	61	--	18	18.5	--	--	--	--	--	--	--	--
19810805	98100120	169	310	--	--	--	--	--	--	--	--	--	--
19810902	98100121	71	--	28.5	21	--	--	--	--	--	--	--	--
19811008	98200105	73	--	18	14	--	--	--	--	--	--	--	--
19811118	98200106	83.4	290	1	4	--	--	--	--	--	--	--	--
19820114	98200107	82	320	--	--	--	--	--	--	--	--	--	--
19820223	98200108	135	300	12	7.5	--	--	--	--	--	--	--	--
19820310	98200109	141	275	10	4	--	--	--	--	--	--	--	--
19820407	98200110	96.7	370	1.5	3.5	--	--	--	--	--	--	--	--
19820505	98200111	110	290	14.5	14.5	--	--	--	--	--	--	--	--
19820603	98200112	204	360	14	12.5	--	--	--	--	--	--	--	--
19820630	98200113	168	380	24.5	22	--	--	--	--	--	--	--	--
19820728	98200114	106	440	30	24	--	--	--	--	--	--	--	--
19820825	98200115	61.6	--	--	15	--	--	--	--	--	--	--	--
19820921	98200116	80.7	345	29	21	--	--	--	--	--	--	--	--
19821020	98300109	99.1	310	3	2	--	--	--	--	--	--	--	--
19821109	98300110	102	330	0	5.5	--	--	--	--	--	--	--	--
19821221	98300111	123	410	15.5	2.5	--	--	--	--	--	--	--	--
19830118	98300112	94.3	360	-1	0	--	--	--	--	--	--	--	--
19830323	98300113	141	340	0	2.5	--	--	--	--	--	--	--	--
19830420	98300114	137	360	20	16.5	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19830518	98300115	335	380	12	9.5	--	--	--	--	--	--	--	--
19830615	98300116	149	--	20.5	20	--	--	--	--	--	--	--	--
19830713	98300117	121	450	31	26.5	--	--	--	--	--	--	--	--
19830824	98300118	101	360	32.5	27	--	--	--	--	--	--	--	--
19831005	98400124	98	330	15.5	12.5	--	--	--	--	--	--	--	--
19831027	98400125	100	340	20	11.5	--	--	--	--	--	--	--	--
19831122	98400126	--	--	-1	--	--	--	--	--	--	--	--	--
19831221	98400127	92	--	-25	0	--	--	--	--	--	--	--	--
19840216	98400128	159	310	--	0	--	--	--	--	--	--	--	--
19840314	98400129	185	470	13	8	--	--	--	--	--	--	--	--
19840417	98400130	227	360	15.5	14.5	--	--	--	--	--	--	--	--
19840516	98400131	171	360	27.5	20.5	--	--	--	--	--	--	--	--
19840612	98400132	110	350	20	19.5	--	--	--	--	--	--	--	--
19840712	98400133	97	330	32.5	24.5	--	--	--	--	--	--	--	--
19840807	98400134	66	300	29.5	25	--	--	--	--	--	--	--	--
19840905	98401533	50	290	26	19	--	--	--	--	--	--	--	--
19840905	98400135	50	290	26	19	--	--	--	--	--	--	--	--
19841004	98501513	67	300	22.5	15.5	--	--	--	--	--	--	--	--
19841031	98501514	79	290	10.5	4	--	--	--	--	--	--	--	--
19841120	98501515	81	--	--	.5	--	--	--	--	--	--	--	--
19850107	98501516	87	--	2	0	--	--	--	--	--	--	--	--
19850123	98501517	78	290	-4	0	--	--	--	--	--	--	--	--
19850220	98501518	87	268	9.5	0	--	--	--	--	--	--	--	--
19850319	98501519	160	290	14.5	8	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19850418	98501520	120	360	30	21	--	--	--	--	--	--	--	--
19850515	98501521	92	350	17.5	13	--	--	--	--	--	--	--	--
19850613	98501522	62	310	21	18	--	--	--	--	--	--	--	--
19850710	98501523	59	325	39	26	--	--	--	--	--	--	--	--
19850808	98501524	62	285	--	--	--	--	--	--	--	--	--	--
19850912	98501525	72	270	20	19	--	--	--	--	--	--	--	--
19851009	98601608	75.6	310	4	5.5	--	--	--	--	--	--	--	--
19851030	98601609	74.5	292	14.5	6	--	--	--	--	--	--	--	--
19851205	98601610	94.8	--	0	0	--	--	--	--	--	--	--	--
19860109	98601611	66.6	290	-.5	0	--	--	--	--	--	--	--	--
19860130	98601612	116	--	-1	0	--	--	--	--	--	--	--	--
19860304	98601613	338	285	19	5	--	--	--	--	--	--	--	--
19860423	98601614	271	380	28	17.5	--	--	--	--	--	--	--	--
19860521	98601615	139	370	25.5	22.5	--	--	--	--	--	--	--	--
19860618	98601616	157	375	29	28	--	--	--	--	--	--	--	--
19860717	98601617	95.5	340	29.5	27.5	--	--	--	--	--	--	--	--
19860813	98601618	90.4	280	25	24	--	--	--	--	--	--	--	--
19860910	98601619	89.4	312	17	17	--	--	--	--	--	--	--	--
19861008	98701429	108	330	8	12	--	--	--	--	--	--	--	--
19861105	98701430	107	315	16	9	--	--	--	--	--	--	--	--
19861203	98701431	123	330	2	0	--	--	--	--	--	--	--	--
19870109	98701432	99	370	0	.5	--	--	--	--	--	--	--	--
19870112	98701433	--	--	15.5	--	--	--	--	--	--	--	--	--
19870128	98701434	99	310	6	0	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19870205	98701435	--	--	-1	0	--	--	--	--	--	--	--	--
19870225	98701436	154	240	-1	.5	--	--	--	--	--	--	--	--
19870401	98701437	362	340	1	6	--	--	--	--	--	--	--	--
19870422	98701438	228	380	14.5	10.5	--	--	--	--	--	--	--	--
19870521	98701439	148	340	6.5	12.5	--	--	--	--	--	--	--	--
19870617	98701440	100	325	22	21	--	--	--	--	--	--	--	--
19870715	98701441	61	360	31	27.5	--	--	--	--	--	--	--	--
19870812	98701442	69	310	19	18	--	--	--	--	--	--	--	--
19870909	98701443	64	281	27	23	--	--	--	--	--	--	--	--
19871007	98801722	72.8	--	2	8	--	--	--	--	--	--	--	--
19871028	98801723	74.2	307	18	7.5	--	--	--	--	--	--	--	--
19871203	98801724	115	--	6	--	--	--	--	--	--	--	--	--
19880115	98801725	72.4	310	7	0	--	--	--	--	--	--	--	--
19880225	98801726	153	365	12.5	0	--	--	--	--	--	--	--	--
19880405	98801727	201	300	7	10	--	--	--	--	--	--	--	--
19880511	98801728	193	355	20	20	--	--	--	--	--	--	--	--
19880614	98801729	232	320	16	19	--	--	--	--	--	--	--	--
19880713	98801730	92.2	320	27.5	24	--	--	--	--	--	--	--	--
19880816	98801731	57.5	302	39	28.5	--	--	--	--	--	--	--	--
19880927	98801732	64.4	297	17	14	--	--	--	--	--	--	--	--
19881102	98901386	65.9	289	21	9	--	--	--	--	--	--	--	--
19881214	98901387	102	294	-1	1	--	--	--	--	--	--	--	--
19890111	98901388	44.6	337	2	0	--	--	--	--	--	--	--	--
19890214	98901389	88.3	307	4	0	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19890330	98901390	164	295	1	6.5	--	--	--	--	--	--	--	--
19890427	98901391	122	308	1.5	11	--	--	--	--	--	--	--	--
19890524	98901392	95.3	328	17	23.5	--	--	--	--	--	--	--	--
19890619	98901393	70.9	317	33.5	30	--	--	--	--	--	--	--	--
19890725	98901394	59.4	343	33	24	--	--	--	--	--	--	--	--
19890914	98901395	59.4	295	17	14	--	--	--	--	--	--	--	--
19891017	99001338	71.2	297	11	7	--	--	--	--	--	--	--	--
19891206	99001339	90.6	295	3.5	4.5	--	--	--	--	--	--	--	--
19900118	99001340	86.9	291	-3.5	0	--	--	--	--	--	--	--	--
19900226	99001341	106	334	13	.5	--	--	--	--	--	--	--	--
19900404	99001342	185	322	16.5	11	--	--	--	--	--	--	--	--
19900501	99001343	91.6	310	16	15	--	--	--	--	--	--	--	--
19900607	99001344	408	334	26	19	--	--	--	--	--	--	--	--
19900611	99001345	198	352	29	28	--	--	--	--	--	--	--	--
19900709	99001346	88.2	305	24.5	24	--	--	--	--	--	--	--	--
19900905	99001347	82.1	387	37.5	28	--	--	--	--	--	--	--	--
19901010	99101202	70	302	18	8	210	39.7	--	--	--	--	--	--
19901205	99101203	94.4	354	8.5	.5	358	91.2	--	--	--	--	--	--
19910110	99101204	79.1	377	3	0	--	--	--	--	--	--	--	--
19910226	99101205	121	301	0	2	--	--	--	--	--	--	--	--
19910410	99101206	122	295	17.5	11	573	188.7	--	--	--	--	--	--
19910508	99101207	139	330	17	13	648	243.2	--	--	--	--	--	--
19910517	99101208	1010	213	14	13	4,970	13,553.2	--	--	--	--	--	--
19910520	99101209	272	272	23	21	1,090	800.5	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19910611	99101210	386	368	30	23	1,750	1,823.9	--	--	--	--	--	--
19910716	99101211	90.3	361	29	24	--	--	--	--	--	--	--	--
19910821	99101212	129	359	28	23	517	180.1	--	--	--	--	--	--
19911001	99201000	110	374	31.5	20	--	--	--	--	--	--	--	--
19911112	99201001	164	301	15	.5	--	--	--	--	--	--	--	--
19920107	99201002	126	313	-2	0	--	--	--	--	--	--	--	--
19920218	99201003	164	291	0	1.5	--	--	--	--	--	--	--	--
19920330	99201004	126	322	16.5	11	--	--	--	--	--	--	--	--
19920513	99201005	73.8	316	15	15	--	--	--	--	--	--	--	--
19920608	99201006	77.4	309	17.5	18	--	--	--	--	--	--	--	--
19920710	99201007	110	297	17	18	--	--	--	--	--	--	--	--
19920818	99201008	69.8	309	27.5	26.5	--	--	--	--	--	--	--	--
19921005	99301604	75.1	352	17	17	--	--	--	--	--	--	--	--
19921118	99301605	97	342	0	4	--	--	--	--	--	--	--	--
19930106	99301606	70.7	366	-7	.5	--	--	--	--	--	--	--	--
19930304	99301607	138	303	5	0	--	--	--	--	--	--	--	--
19930406	99301608	271	294	4	5	--	--	--	--	--	--	--	--
19930513	99301609	190	385	26.5	16	--	--	--	--	--	--	--	--
19930616	99301610	137	357	24	18	--	--	--	--	--	--	--	--
19930811	99301611	103	340	25.5	21.5	--	--	--	--	--	--	--	--
19930908	99301612	117	392	21	17	--	--	--	--	--	--	--	--
19931018	99400221	97	310	12.5	12	--	--	--	--	--	--	--	--
19931201	99401676	98.6	311	7	.5	--	--	--	--	--	--	--	--
19931229	99401677	173	392	-5	0	--	--	--	--	--	--	--	--

Table 35. Water-quality data for U.S. Geological Survey streamflow-gaging station 06449500, Little White River near Rosebud, South Dakota—Continued

[µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeters; --, no data]

Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 degrees Celsius)	Temperature, air (degrees Celsius)	Water temperature (degrees Celsius)	Sediment, suspended concentration (mg/L)	Sediment discharge, suspended (tons/day)	Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .250 mm	Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	Sediment, bed material, sieve diameter, percent finer than 2.00 mm
19940216	99401678	300	290	9	0	--	--	--	--	--	--	--	--
19940309	99401679	672	227	4	3	--	--	--	--	--	--	--	--
19940601	99401680	139	334	20	19.5	--	--	--	--	--	--	--	--
19940628	99401681	116	337	25	22	--	--	--	--	--	--	--	--
19940810	99401682	122	315	18.5	21.5	--	--	--	--	--	--	--	--
19941011	99502454	72.7	317	23	15	--	--	--	--	--	--	--	--
19941114	99502455	105	308	5	5.5	--	--	--	--	--	--	--	--
19950110	99502456	168	290	8	0	--	--	--	--	--	--	--	--
19950221	99502457	150	272	20	9.5	--	--	--	--	--	--	--	--
19950414	99502458	198	294	9	8	--	--	--	--	--	--	--	--
19950424	99502459	308	344	13	12.5	--	--	--	--	--	--	--	--
19950626	99502460	320	394	22.5	23.5	--	--	--	--	--	--	--	--
19950817	99502461	71.6	275	35	31.5	--	--	--	--	--	--	--	--
19951017	99602054	110	328	16.5	13	--	--	--	--	--	--	--	--
19951204	99602055	173	321	18	5	--	--	--	--	--	--	--	--
19960206	99602056	94.4	342	6	0	--	--	--	--	--	--	--	--
19960416	99602057	204	332	22.5	14	--	--	--	--	--	--	--	--
19960520	99602058	179	357	21	23	--	--	--	--	--	--	--	--
19960528	99602059	437	350	14.5	11	--	--	--	--	--	--	--	--
19960723	99602060	96.1	353	28.5	26	--	--	--	--	--	--	--	--
19960826	99602061	83.8	346	29	25.5	--	--	--	--	--	--	--	--
19970613	--	--	--	--	--	--	--	0	2	34	93	99	100

Table 36. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06450500, Little White River below White River, South Dakota

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents								
Discharge (cubic feet per second)	171.8	98	251.1	68	169.5	0	1,914	156
Discharge, instantaneous (cubic feet per second)	162.0	98	272.5	69	147	8.7	2,800	251
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	1,912.8	1,912.8	17
Specific conductance (µS/cm at 25 deg Celsius)	393	361	136	330	409	210	1,760	338
pH, water, whole, field (standard units)	--	--	--	--	--	7	8.9	147
Temperature, air (deg Celsius)	14.8	15	12.1	6.5	23.3	-22	40	225
Water temperature (deg Celsius)	12.5	12.9	9.9	1.7	21	0	32	278
Hardness, total (mg/L)	142.84	128.78	45.09	121.75	147.83	101.85	434.51	147
Noncarbonate hardness water whole total, field, (mg/L as $CaCO_3$)	7.1	0	32.3	0	0	0	233	145
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	161.1	159	17.5	151.8	171.3	118	198	42
Calcium, dissolved (mg/L)	46.9	42	14.5	40	48	34	141	143
Magnesium, dissolved (mg/L)	6.4	6	2.7	5.2	6.8	1.7	26	143
Sodium, dissolved (mg/L)	29.9	27	11.4	23	32	18	109	147
Sodium, percent	26.56	27.68	7.91	26.21	30.32	0	37.92	101
Sodium adsorption ratio	1.08	1.02	0.26	0.90	1.20	0.65	2.35	146
Potassium, dissolved (mg/L)	9.6	9.1	1.7	8.4	10.3	6.4	15	94
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	197	194	22.6	180	210	144	262	145
Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	1.5	0	4.4	0	0	0	21	153
Sulfate, dissolved (mg/L)	46.4	28	58.4	21	43	14	445	144
Chloride, dissolved (mg/L)	1.7	1.5	1.5	0.5	2.5	0	9	144
Fluoride, dissolved (mg/L)	0.5	0.4	0.1	0.4	0.5	0.2	1.1	75
Silica, dissolved (mg/L)	51.0	53	13.7	43	59	5.4	84	79

Table 36. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06450500, Little White River below White River, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Solids, sum of constituents, dissolved (mg/L)	282.69	257.90	113.93	227.75	291.80	173.98	915.14	92
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	305.3	282.5	96.5	261.3	315.5	220	948	132
Solids, dissolved (tons per acre-foot)	0.42	0.38	0.13	0.36	0.43	0.30	1.29	132
Solids, dissolved (tons per day)	165.1	71.1	320.7	48.1	147	19.1	2,739.7	111
Nitrogen, ammonia, dissolved (mg/L as NH_4)	1.6	1.6	0.2	1.5	1.7	1.2	2.1	103
Nitrogen, nitrate, total (mg/L as NO_3)	1.8	1.8	0.8	0.9	2.6	0.7	2.7	6
Arsenic, dissolved (µg/L)	0	0	0	0	0	0	0	47
Boron, dissolved (µg/L)	93.2	80	51.7	60	100	30	290	94
Bromide, dissolved (mg/L)	0.30	0.29	0.04	0.27	0.33	0.19	0.45	105
Cadmium, dissolved (µg/L)	0	0	0	0	0	0	0	47
Iron, total, (µg/L)	33.5	20	43.4	15	30	0	190	17
Iron (µg/L)	39.9	20	60.5	10	50	0	470	97
Selenium, dissolved (µg/L)	5.5	0	14.9	0	0	0	80	47
Sediment, suspended concentration (mg/L)	1,096.5	323	1,784.2	180	984	159	6,110	11
Sediment discharge, suspended (tons/day)	1,200.6	200.1	3,162.6	48.0	772.7	36.7	11,184	12
Sediment, bed material, fall diameter, distilled water, percent finer than .062 mm	32.5	0	104.3	0	4	0	347	11
Sediment, bed material, fall diameter, distilled water, percent finer than .125 mm	3.5	2.5	2.9	1	5	1	9	10
Sediment, bed material, fall diameter, distilled water, percent finer than .500 mm	80.8	82.5	9.0	75.8	87.8	61	91	10
Sediment, bed material, fall diameter, distilled water, percent finer than 1.00 mm	88.4	90	6.4	82.3	93.5	78	97	10
Sediment, bed material, sieve diameter, percent finer than 2.00 mm	89.6	91	5.9	83.5	93.75	81	98	10

Table 36. Summary of selected water-quality data for U.S. Geological Survey streamflow-gaging station 06450500, Little White River below White River, South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; NH_4, ammonia; NO_3, nitrate; NO_2, nitrite; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Sediment, bed material, sieve diameter, percent finer than 4.00 mm	91.3	92.5	5.3	87.3	94.8	82	99	10
Sediment, bed material, sieve diameter, percent finer than 8.00 mm	93.5	95	4.6	89.3	96.5	86	100	10
Sediment, bed material, sieve diameter, percent finer than 16.0 mm	95	96	3.7	91	98	90	100	9
Sediment, bed material, sieve diameter, percent finer than 32.0 mm	97.8	98	1.8	96.5	99.3	95	100	6
Sediment, bed material, sieve diameter, percent finer than 64.0 mm	99	100	2.2	97.5	100	95	100	5
Sediment, bed material, sieve diameter, percent finer than 128.0 mm	--	--	--	--	--	100	100	1
Sediment, suspended, fall diameter, distilled water, percent finer than .002 mm	--	--	--	--	--	35	35	1
Sediment, suspended, fall diameter, distilled water, percent finer than .004 mm	34.1	33	13.6	22	48	16	52	9
Sediment, suspended, fall diameter, distilled water, percent finer than .016 mm	50.2	48	16.8	36.5	66	23	75	9
Sediment, suspended, fall diameter, distilled water, percent finer than .062 mm	57.1	54.5	21.6	41	72.8	21	100	12
Sediment, suspended, fall diameter, distilled water, percent finer than .125 mm	70.4	74	14.1	56	80	48	93	11
Sediment, suspended, fall diameter, distilled water, percent finer than .250 mm	96.5	97	3.5	94	99	88	100	11
Sediment, suspended, fall diameter, distilled water, percent finer than .500 mm	100	100	0	100	100	100	100	8
Organic Constituent								
Phenols, total (µg/L)	16,229	7,800	45,391	7,500	8,200	5,000	376,000	153

Table 37. Water-quality data (from the U.S. Geological Survey database) for surface-water sites in the Little White River Basin, South Dakota and Nebraska

[mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; NO_3, nitrate; <, less than; --, not applicable]

Site number	Date of sampling (year/month/day)	Sample number	Discharge, instantaneous (cubic feet per second)	Specific conductance (µS/cm at 25 deg C)	pH, water, whole, field (standard units)	Temperature, air (deg C)	Water temperature (deg C)	Turbidity (NTU)	Barometric pressure (mm of Hg)	Oxygen dissolved (mg/L)	Hardness, total (mg/L)	Noncarbonate hardness water whole total, field (mg/L as $CaCO_3$)
430652100450601	19910806	99100429	--	424	7.3	33	15.7	--	--	--	--	--
431107100585900	19950927	99500317	80.9	327	7.78	34.5	16.8	--	682	9.8	109.22	--
431208100580300	19950927	99500327	84	331	7.94	30.8	14.7	--	682	9.6	108.80	--
431301100570600	19950925	99500320	.2	462	8.39	21.7	13.7	--	680	8.7	166.27	--
431336100572000	19910806	99100440	113	300	8.2	32.5	23	89	--	8.2	104.25	--
431336100572000	19950927	99500326	83.6	333	8.06	25.7	12.7	--	682	10.1	112.12	--
431428100565800	19910806	99100441	117	302	8.3	31.5	26.5	90	--	8.2	103.83	--
431428100565800	19950927	99500325	83.6	336	8.11	19.2	10.6	--	682	10.3	112.12	--
431522100563700	19910806	99100442	111	303	8.1	33	27	87	--	7.8	103.83	--
431522100563700	19950926	99500324	92.5	335	7.69	26.4	16.4	--	685	8.8	114.62	--
431547100555200	19910806	99100443	111	301	8.2	31.5	28	87	--	7.4	103.83	--
431547100555200	19950926	99500323	82.7	336	7.9	27	13	--	685	9.4	114.62	--
431555100583400	19950925	99500318	.4	259	8.83	20.6	13	--	680	9.7	97.63	--
431602100535300	19910807	99100444	152	273	8	25.5	24.5	96	--	7.6	94.69	--
431602100535300	19950926	99500322	90	336	7.82	19.1	10.5	--	685	10	114.62	--
431618100573300	19950925	99500319	.1	373	7.68	22.6	9.6	--	680	9.6	115.14	--
432221100594201	19660707	96600179	--	384	8.1	--	--	--	--	--	49.90	0

Table 37. Water-quality data (from the U.S. Geological Survey database) for surface-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; NO_3, nitrate; <, less than; --, not applicable]

Site number	Date of sampling (year/month/day)	Sample number	Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Sodium, dissolved (mg/L)	Sodium, adsorption ratio	Potassium, dissolved (mg/L)	Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)
430652100450601	19910806	99100429	--	--	--	--	--	--	--	--	--	--
431107100585900	19950927	99500317	151	151	--	34	5.9	21	0.88	11	--	185
431208100580300	19950927	99500327	144	152	--	34	5.8	21	.88	10	--	176
431301100570600	19950925	99500320	229	236	--	58	5.2	31	1.05	10	--	278
431336100572000	19910806	99100440	--	134	--	33	5.3	18	.77	12	--	--
431336100572000	19950927	99500326	152	153	--	35	6	22	.90	10	--	185
431428100565800	19910806	99100441	--	135	--	33	5.2	18	.77	12	--	--
431428100565800	19950927	99500325	153	155	--	35	6	22	.90	10	--	186
431522100563700	19910806	99100442	--	135	--	33	5.2	18	.77	12	--	--
431522100563700	19950926	99500324	155	156	--	36	6	23	.94	9.8	--	190
431547100555200	19910806	99100443	--	134	--	33	5.2	18	.77	13	--	--
431547100555200	19950926	99500323	151	156	--	36	6	23	.94	9.8	--	184
431555100583400	19950925	99500318	120	124	--	32	4.3	12	.53	9	--	122
431602100535300	19910807	99100444	--	123	--	30	4.8	17	.76	10	--	--
431602100535300	19950926	99500322	152	156	--	36	6	23	.94	9.8	--	185
431618100573300	19950925	99500319	174	177	--	40	3.7	29	1.18	8	--	212
432221100594201	19660707	96600179	--	--	190	18	1.2	65	4.01	9.4	232	--

Table 37. Water-quality data (from the U.S. Geological Survey database) for surface-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; NO_3, nitrate; <, less than; --, not applicable]

Site number	Date of sampling (year/month/day)	Sample number	Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	Carbonate, water, dissolved, incremental titration field (mg/L as CO_3)	Sulfate, dissolved (mg/L)	Chloride, dissolved (mg/L)	Fluoride, dissolved (mg/L)	Silica, dissolved (mg/L)	Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	Nitrogen ammonia, dissolved (mg/L)	Nitrogen, nitrite, dissolved (mg/L as N)	Nitrogen nitrite plus nitrate, dissolved (mg/L as N)
430652100450601	19910806	99100429	--	--	--	--	--	--	--	--	--	--
431107100585900	19950927	99500317	--	0	14	1.8	0.5	49	263	--	--	--
431208100580300	19950927	99500327	--	0	14	1.9	.5	48	237	--	--	--
431301100570600	19950925	99500320	--	0	14	1.7	.5	58	323	--	--	--
431336100572000	19910806	99100440	--	--	14	1.1	.4	47	213	<0.01	0.01	0.76
431336100572000	19950927	99500326	--	0	14	1.8	.5	48	242	--	--	--
431428100565800	19910806	99100441	--	--	12	1	.4	47	225	<.01	<.01	.75
431428100565800	19950927	99500325	--	0	14	1.9	.4	49	238	--	--	--
431522100563700	19910806	99100442	--	--	13	1	.4	47	219	<.01	.01	.74
431522100563700	19950926	99500324	--	0	14	1.8	.5	49	240	--	--	--
431547100555200	19910806	99100443	--	--	13	1.1	.4	46	215	<.01	.01	.76
431547100555200	19950926	99500323	--	0	14	1.8	.5	49	240	--	--	--
431555100583400	19950925	99500318	--	12	6.8	3.8	.6	32	182	--	--	--
431602100535300	19910807	99100444	--	--	12	2.4	.4	42	186	<.01	.01	.69
431602100535300	19950926	99500322	--	0	14	1.8	.5	47	233	--	--	--
431618100573300	19950925	99500319	--	0	8.2	4.6	.4	69	271	--	--	--
432221100594201	19660707	96600179	0	--	8	3	.4	65	285	--	--	--

Table 37. Water-quality data (from the U.S. Geological Survey database) for surface-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; NO_3, nitrate; <, less than; --, not applicable]

Site number	Date of sampling (year/month/day)	Sample number	Phos-phorus ortho-phos-phate, dissolved (mg/L)	Arsenic, total (µg/L)	Arsenic, dissolved (µg/L)	Boron, dissolved (µg/L)	Cadmium, dissolved (µg/L)	Chrom-ium, dissolved (µg/L)	Copper, dissolved (µg/L)	Iron, total, (µg/L)	Iron, dissolved (µg/L)	Lead, dissolved (µg/L)
430652100450601	19910806	99100429	--	--	--	--	--	--	--	--	--	--
431107100585900	19950927	99500317	--	9	8	--	<1.00	<1.00	<1.00	3,400	150	<1.00
431208100580300	19950927	99500327	--	9	7	--	<1.00	<1.00	<1.00	3,300	<10.0	<1.00
431301100570600	19950925	99500320	--	7	7	--	<1.00	<1.00	<1.00	1,800	9	<1.00
431336100572000	19910806	99100440	0.25	--	8	--	<1.00	<1.00	3	--	10	<1.00
431336100572000	19950927	99500326	--	9	8	--	<1.00	<1.00	<1.00	3,800	70	<1.00
431428100565800	19910806	99100441	.22	--	8	--	<1.00	<1.00	2	--	11	<1.00
431428100565800	19950927	99500325	--	9	8	--	<1.00	<1.00	<1.00	3,300	20	<1.00
431522100563700	19910806	99100442	.24	--	14	--	<1.00	<1.00	5	--	60	<1.00
431522100563700	19950926	99500324	--	8	8	--	<1.00	<1.00	<1.00	3,000	30	<1.00
431547100555200	19910806	99100443	.24	--	8	--	<1.00	<1.00	5	--	16	<1.00
431547100555200	19950926	99500323	--	8	8	--	<1.00	<1.00	<1.00	3,000	30	<1.00
431555100583400	19950925	99500318	--	3	3	--	<1.00	<1.00	<1.00	40	7	<1.00
431602100535300	19910807	99100444	.22	--	7	--	<1.00	<1.00	1	--	31	<1.00
431602100535300	19950926	99500322	--	8	8	--	<1.00	<1.00	<1.00	3,000	50	<1.00
431618100573300	19950925	99500319	--	7	8	--	<1.00	<1.00	<1.00	150	4	<1.00
432221100594201	19660707	96600179	--	--	--	100	--	--	--	--	--	--

Table 37. Water-quality data (from the U.S. Geological Survey database) for surface-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; NO_3, nitrate; <, less than; --, not applicable]

Site number	Date of sampling (year/month/day)	Sample number	Manganese, total (µg/L)	Manganese, dissolved (µg/L)	Mercury	Molybdenum, dissolved (µg/L)	Selenium, total (µg/L)	Selenium, dissolved (µg/L)	Vanadium, dissolved (µg/L)	Zinc, dissolved (µg/L)	Uranium, natural, water, dissolved (µg/L)	Uranium, natural, 2 sigma precision estimate, water, dissolved (µg/L)
430652100450601	19910806	99100429	--	--	--	--	--	--	--	--	--	--
431107100585900	19950927	99500317	190	<10.00	<0.100	1.9	<1.00	<1.00	10	<10.00	2.2	0.06
431208100580300	19950927	99500327	200	<10.00	<.100	1.8	<1.00	<1.00	9.2	<10.00	2.1	.05
431301100570600	19950925	99500320	150	5	<.100	1.5	<1.00	<1.00	4.7	<3.00	2.5	.06
431336100572000	19910806	99100440	--	3	<.100	--	--	<1.00	--	4	--	--
431336100572000	19950927	99500326	210	<10.00	<.100	1.9	<1.00	<1.00	9.6	<10.00	2.2	.05
431428100565800	19910806	99100441	--	2	<.100	--	--	<1.00	--	<3.00	--	--
431428100565800	19950927	99500325	200	<10.00	<.100	1.2	<1.00	<1.00	9	<10.00	2.1	.05
431522100563700	19910806	99100442	--	19	<.100	--	--	<1.00	--	6	--	--
431522100563700	19950926	99500324	150	20	<.100	1.8	<1.00	<2.00	9.1	<10.00	2.1	.05
431547100555200	19910806	99100443	--	3	<.100	--	--	<1.00	--	5	--	--
431547100555200	19950926	99500323	150	<20.00	<.100	1.8	<1.00	<2.00	9.1	<10.00	2.1	.05
431555100583400	19950925	99500318	<10.00	5	<.100	<1.00	<1.00	<1.00	5	<3.00	.7	.02
431602100535300	19910807	99100444	--	2	<.100	--	--	<1.00	--	<3.00	--	--
431602100535300	19950926	99500322	160	10	<.100	1.9	<1.00	<1.00	9	<10.00	2.1	.05
431618100573300	19950925	99500319	<10.00	4	<.100	<1.00	1	1	5.7	<3.00	6.1	.14
432221100594201	19660707	96600179	--	--	--	--	--	--	--	--	--	--

Table 38. Summary of daily ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for one site in the Little White River Basin, South Dakota and Nebraska

Site number	Month	Ground-water level (in feet below land surface)				Number of valid samples
		Mean	Standard deviation	Minimum	Maximum	
432306099284801	1	171.27	1.20	169.26	172.97	155
	2	171.30	1.15	169.38	172.95	141
	3	171.24	1.16	169.25	173.00	155
	4	171.30	1.14	169.45	172.99	148
	5	171.19	1.11	169.31	172.84	155
	6	171.04	1.20	169.15	172.76	133
	7	171.09	1.07	169.43	172.64	123
	8	171.27	1.18	169.58	173.05	110
	9	171.04	1.17	169.37	173.03	144
	10	170.53	.84	169.29	171.69	123
	11	170.76	.93	169.30	171.99	143
	12	171.05	1.11	169.27	172.80	155

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
425956101134501	1	--	--	6.59	6.59	1
	9	8.12	1.25	7.24	9.00	2
	10	--	--	8.92	8.92	1
	11	--	--	7.13	7.13	1
425956101134502	9	--	--	7.75	7.75	1
	10	--	--	9.52	9.52	1
425956101134503	1	--	--	7.10	7.10	1
	9	7.91	.08	7.85	7.96	2
	10	--	--	9.46	9.46	1
	11	--	--	7.56	7.56	1
430152101054803	8	--	--	7.30	7.30	1
	10	--	--	9.29	9.29	1
430153101054902	8	--	--	11.80	11.80	1
	10	--	--	9.92	9.92	1
430256101160001	3	5.50	.66	5.00	6.60	5
	4	5.59	.85	4.40	7.20	13
	5	5.41	.37	4.80	5.80	9
	6	5.80	.67	4.70	7.60	14
	7	5.99	.45	5.40	6.70	9
	8	6.17	.55	5.60	7.90	15
	9	6.41	.65	6.00	8.00	8
	10	6.05	.55	5.08	6.70	8
	11	6.43	.71	5.80	7.80	6
	12	6.17	1.10	5.30	7.40	3
430340101012301	2	7.05	2.76	5.10	9.00	2
	3	6.72	.68	5.90	7.80	6
	4	6.42	.93	5.00	7.90	13
	5	6.42	1.13	4.70	8.60	13
	6	6.60	1.29	3.20	8.70	15
	7	7.31	1.32	4.80	8.90	13
	8	7.66	.88	6.10	9.40	18
	9	8.66	.66	8.10	9.80	8
	10	8.05	.58	6.90	8.70	7
	11	8.27	.61	7.70	9.20	6
	12	7.50	.71	7.00	8.00	2

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430429101320401	2	--	--	5.00	5.00	1
	3	6.69	2.42	4.00	10.90	8
	4	5.18	1.93	2.30	10.90	14
	5	5.79	2.08	3.60	11.40	12
	6	6.83	2.27	2.40	11.70	20
	7	7.79	1.78	4.80	10.90	17
	8	8.94	1.71	4.40	11.20	21
	9	9.32	2.37	6.10	12.80	10
	10	9.17	2.35	6.30	13.70	9
	11	8.64	2.59	4.90	13.50	8
	12	8.78	3.97	3.10	13.00	6
430520101260401	3	31.37	.94	30.20	32.60	7
	4	31.31	1.05	29.30	33.00	13
	5	31.18	.74	30.30	32.30	10
	6	31.33	.74	30.20	32.70	17
	7	31.49	.87	30.00	32.70	14
	8	31.19	.84	29.80	32.70	17
	9	31.33	.87	30.40	32.60	8
	10	31.21	.56	30.50	32.20	8
	11	31.55	.82	30.60	32.70	6
	12	31.50	.74	31.00	32.60	4
430521101223401	3	13.90	1.01	12.70	15.30	8
	4	13.72	1.00	12.50	15.30	14
	5	13.69	.89	12.60	15.20	13
	6	13.60	.82	12.40	15.30	20
	7	13.85	1.02	12.30	15.50	17
	8	13.85	.92	12.30	15.50	21
	9	14.01	1.07	12.60	15.60	10
	10	13.96	.85	12.70	15.60	10
	11	14.29	.90	13.20	15.70	8
	12	16.38	4.81	13.50	26.10	6

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430524101481601	2	--	--	7.90	7.90	1
	3	6.51	0.31	6.00	7.00	7
	4	6.61	.56	5.90	7.70	13
	5	6.64	.79	5.30	7.90	10
	6	7.25	.77	5.90	8.60	16
	7	7.96	.86	6.50	9.40	14
	8	8.28	.67	7.20	9.30	17
	9	8.33	.37	7.90	9.00	7
	10	8.20	.72	7.30	9.00	8
	11	8.27	.34	7.90	8.80	6
	12	7.30	.54	6.60	7.90	4
430605101135701	1	--	--	-6.59	-6.59	1
	8	--	--	-13.94	-13.94	1
	10	--	--	-18.03	-18.03	1
430605101135702	8	--	--	-14.60	-14.60	1
	10	-6.40	11.88	-14.80	2.00	2
430613100544901	10	59.14	--	59.14	59.14	1
430642101455801	2	15.00	--	15.00	15.00	1
	3	14.29	.64	13.50	15.20	9
	4	14.59	1.32	12.60	16.90	14
	5	14.13	1.12	12.70	16.80	14
	6	14.91	1.47	12.70	18.40	21
	7	15.49	1.71	13.80	20.00	17
	8	15.92	1.92	13.20	20.70	23
	9	15.87	1.02	14.00	18.00	11
	10	15.36	1.25	13.40	17.20	11
	11	15.92	1.04	14.50	17.80	9
	12	14.83	.99	13.40	15.90	6
430715101031901	10	--	--	11.28	11.28	1

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430744101593201	3	0.00	1.28	-2.00	2.10	9
	4	-.21	1.40	-2.20	2.20	13
	5	-.34	1.59	-2.20	3.40	13
	6	3.69	7.56	-2.20	23.50	20
	7	9.15	9.13	-1.60	27.30	15
	8	19.96	12.03	.70	36.70	21
	9	18.99	12.68	5.10	45.20	10
	10	8.09	4.52	1.30	15.60	8
	11	7.76	6.03	1.10	17.70	8
	12	2.08	2.55	-.40	5.60	5
430825101151801	2	--	--	57.90	57.90	1
	3	58.28	.28	58.00	58.70	8
	4	58.16	.39	57.60	58.90	13
	5	58.20	.40	57.50	58.80	10
	6	58.22	.44	57.40	59.00	16
	7	58.32	.29	57.80	58.80	13
	8	58.22	.29	57.80	58.60	16
	9	58.28	.36	57.80	58.80	9
	10	58.30	.51	57.40	58.90	8
	11	58.42	.36	58.00	59.00	6
	12	58.43	.33	58.10	58.80	4
430832101364701	2	--	--	127.70	127.70	1
	3	126.78	.69	125.90	127.70	9
	4	126.57	.77	125.40	127.90	13
	5	126.89	.85	125.80	128.20	14
	6	126.78	.77	125.60	128.10	21
	7	126.90	.69	125.60	127.80	16
	8	126.77	.68	125.60	127.70	23
	9	126.76	.62	125.90	127.40	11
	10	126.69	.57	125.70	127.30	11
	11	127.02	.76	126.10	127.90	9
	12	126.92	.31	126.50	127.30	6

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430835101554601	3	17.07	2.85	10.50	19.60	9
	4	17.25	2.26	12.40	20.50	14
	5	17.44	2.07	13.60	20.70	14
	6	17.48	2.10	13.90	21.20	21
	7	17.68	1.97	14.00	21.10	15
	8	17.73	2.49	14.30	22.30	23
	9	18.31	1.74	15.90	20.70	11
	10	17.36	1.55	15.20	19.80	11
	11	18.43	1.66	16.20	20.80	9
	12	17.95	1.85	15.70	20.30	6
430923101484301	2	--	--	39.10	39.10	1
	3	37.80	1.89	35.30	40.00	8
	4	36.54	2.37	32.80	40.20	14
	5	36.99	2.33	33.90	40.70	11
	6	37.04	2.06	33.70	39.90	20
	7	36.93	3.67	25.30	39.70	16
	8	36.99	2.11	33.50	39.60	21
	9	37.32	1.88	35.20	39.50	10
	10	36.93	1.66	35.10	39.40	10
	11	37.09	1.71	35.50	39.40	7
	12	38.04	1.81	35.70	39.70	5
430924100460601	1	--	--	74.00	74.00	1
	2	78.15	3.75	75.50	80.80	2
	3	77.56	2.51	74.50	81.00	9
	4	78.03	2.13	75.10	81.40	15
	5	77.24	2.51	73.70	81.20	18
	6	77.06	2.41	74.10	81.20	21
	7	77.10	2.34	74.40	81.40	17
	8	77.26	2.54	74.10	81.90	25
	9	77.52	2.78	73.90	81.40	13
	10	77.98	3.08	74.40	84.39	12
	11	77.27	2.34	74.60	81.00	9
	12	76.15	1.45	74.40	78.00	6

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430928101532401	2	27.30	--	27.30	27.30	1
	3	25.36	2.02	22.60	27.70	8
	4	24.04	2.33	20.30	27.70	14
	5	24.69	2.24	21.40	27.70	14
	6	24.72	2.28	20.60	27.90	21
	7	24.85	2.23	20.70	27.60	13
	8	25.14	2.16	21.60	28.10	23
	9	25.44	2.25	22.50	28.20	11
	10	24.56	1.76	22.30	27.50	10
	11	25.48	2.05	22.90	28.00	9
	12	25.70	1.71	23.60	27.60	6
430929101104202	1	--	--	78.25	78.25	1
	8	--	--	77.98	77.98	1
	10	78.36	2.38	76.68	80.04	2
	11	78.42	--	78.42	78.42	1
430929101104203	8	77.38	--	77.38	77.38	1
	10	78.18	1.10	77.40	78.95	2
	11	--	--	77.86	77.86	1
430949101292701	1	--	--	21.30	21.30	1
	2	--	--	21.50	21.50	1
	3	20.38	.92	18.20	21.40	10
	4	20.71	.59	19.70	21.90	14
	5	20.52	.49	19.90	21.70	15
	6	20.81	.57	19.30	21.90	23
	7	21.14	.51	20.30	22.20	19
	8	21.08	.58	19.90	22.20	23
	9	21.37	.48	20.50	22.40	13
	10	21.26	.42	20.70	22.00	11
	11	21.62	.36	21.00	22.10	11
	12	21.28	.33	20.80	21.80	6

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431018101152001	1	--	--	67.00	67.00	1
	2	--	--	67.60	67.60	1
	3	67.60	0.95	66.10	68.70	9
	4	67.54	.87	65.90	68.90	14
	5	67.22	.92	65.90	68.70	14
	6	67.42	.84	65.80	68.70	21
	7	67.79	.71	66.70	68.80	19
	8	67.97	.87	66.50	69.50	23
	9	68.35	.94	66.60	69.50	13
	10	68.42	1.00	66.70	69.90	12
	11	68.16	1.02	66.50	69.60	10
	12	67.68	.64	66.70	68.30	6
431018101212001	2	--	--	29.20	29.20	1
	3	27.38	2.34	23.30	29.90	10
	4	27.21	2.14	23.20	30.30	14
	5	27.39	1.91	24.50	29.70	12
	6	27.57	1.69	24.10	30.20	21
	7	27.94	1.86	23.70	30.10	17
	8	27.45	1.88	23.50	30.00	21
	9	27.44	1.79	25.30	30.00	11
	10	27.69	1.64	25.10	30.00	9
	11	27.79	1.39	25.40	29.70	8
	12	28.22	1.12	26.40	29.80	6
431022101555001	2	--	--	25.60	25.60	1
	3	21.95	2.78	17.80	25.30	6
	4	21.34	2.67	17.60	25.70	12
	5	21.10	2.17	18.00	25.70	11
	6	21.74	2.38	17.30	26.30	17
	7	21.83	2.15	17.60	24.90	11
	8	21.59	2.39	18.00	26.20	17
	9	21.99	2.38	19.80	26.20	8
	10	21.82	1.62	19.80	25.30	9
	11	22.18	2.13	20.40	26.30	6
	12	22.77	2.63	21.20	25.80	3

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431022101570101	3	24.40	5.19	18.00	30.90	10
	4	23.90	5.39	14.20	32.20	13
	5	23.45	4.61	14.50	29.30	14
	6	24.21	5.30	14.60	33.90	20
	7	23.37	4.79	16.70	33.80	15
	8	24.23	5.71	15.80	34.30	21
	9	24.48	6.60	18.30	34.10	10
	10	23.04	5.68	15.50	34.10	9
	11	24.25	4.42	19.40	32.90	8
	12	22.25	6.16	15.60	33.40	6
431045101293701	1	16.20	1.41	15.20	17.20	2
	2	--	--	17.30	17.30	1
	3	15.65	1.70	12.40	20.00	13
	4	16.11	1.29	13.80	18.80	12
	5	16.20	.69	15.40	16.90	5
	6	16.11	.98	14.00	17.10	12
	7	16.29	1.22	13.90	18.20	21
	8	16.75	.67	15.40	17.90	12
	9	16.93	.57	15.80	17.60	7
	10	16.34	1.42	13.60	17.70	7
	11	17.19	.98	15.50	18.60	14
	12	16.41	.79	15.20	17.60	9
431109100445901	1	--	--	95.10	95.10	1
	2	98.65	2.48	96.90	100.40	2
	3	98.23	1.77	96.00	100.30	8
	4	98.54	1.41	96.10	100.50	14
	5	97.95	1.74	95.30	100.30	18
	6	98.03	1.55	95.40	100.50	20
	7	97.90	1.50	95.50	100.30	19
	8	97.79	1.67	95.30	100.40	24
	9	98.07	1.74	95.60	100.40	13
	10	98.40	2.25	95.50	103.40	12
	11	97.79	1.73	95.60	100.20	9
	12	96.93	1.51	95.10	98.70	7

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431136101200901	1	--	--	22.40	22.40	1
	2	--	--	24.00	24.00	1
	3	21.86	1.05	19.80	23.40	9
	4	21.54	1.49	19.50	23.90	14
	5	21.15	1.50	19.30	24.30	14
	6	22.15	1.74	19.30	26.10	22
	7	23.68	2.12	21.10	28.80	19
	8	24.50	2.24	21.40	30.60	23
	9	24.56	1.58	21.90	26.50	13
	10	23.50	1.85	21.40	27.50	11
	11	23.44	1.60	20.80	25.30	11
	12	22.30	1.25	21.00	24.30	6
431255101212001	1	--	--	68.30	68.30	1
	2	--	--	68.70	68.70	1
	3	68.09	.69	66.90	69.20	8
	4	67.92	.82	66.60	69.20	13
	5	68.00	.60	67.00	68.70	12
	6	68.23	.55	67.30	69.30	17
	7	69.01	.72	67.40	70.30	15
	8	69.51	.83	67.80	71.00	19
	9	69.77	.86	68.50	71.00	10
	10	69.21	.71	68.20	70.50	8
	11	69.15	.78	68.10	70.00	8
	12	68.45	.79	67.60	69.50	4
431348100510401	11	--	--	16.50	16.50	1
431505100560901	9	--	--	134.94	134.94	1
431505100565801	9	--	--	16.25	16.25	1
	10	--	--	18.67	18.67	1
431508100562101	9	--	--	100.94	100.94	1
	10	--	--	101.99	101.99	1
431515100553901	10	--	--	145.54	145.54	1
431517100562301	9	103.11	.01	103.10	103.11	2
	10	--	--	104.14	104.14	1
431526100563202	9	--	--	10.96	10.96	1
	10	--	--	13.15	13.15	1

Table 39. Summary of periodic ground-water level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Negative numbers mean water surface above land surface]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431526100563203	9	11.40	0.01	11.39	11.40	2
	10	--	--	13.44	13.44	1
431536100543101	9	--	--	18.87	18.87	1
431949100584601	9	--	--	87.10	87.10	1
431949100584602	9	--	--	62.00	62.00	1
432310101045501	2	32.20	4.67	28.90	35.50	2
	3	33.47	2.20	31.30	36.10	6
	4	32.40	1.98	28.80	35.80	12
	5	32.72	1.65	31.20	35.80	13
	6	32.95	1.95	30.90	36.50	15
	7	33.52	2.11	30.50	36.40	13
	8	32.91	1.96	30.20	36.30	18
	9	32.98	2.08	31.00	36.30	9
	10	32.42	2.54	27.60	36.20	9
	11	32.93	1.97	31.30	36.30	6
	12	33.78	1.98	31.50	36.00	4
432320101044101	9	--	--	74.32	74.32	1
	10	--	--	76.27	76.27	1
432411101080701	2	20.95	1.20	20.10	21.80	2
	3	21.31	2.36	15.40	23.20	9
	4	21.08	2.12	15.00	23.60	13
	5	21.28	1.93	15.20	22.80	14
	6	21.04	2.06	15.60	23.10	19
	7	21.77	.95	20.40	23.20	16
	8	21.56	.94	20.10	23.20	21
	9	21.91	1.05	20.20	22.90	11
	10	21.50	.91	20.50	22.80	9
	11	20.78	2.95	13.90	23.10	8
	12	21.25	1.10	20.60	22.90	4
432555100591302	1	--	--	59.93	59.93	1
	7	--	--	58.60	58.60	1
	9	--	--	61.35	61.35	1
	10	--	--	59.78	59.780	1
	11	--	--	59.97	59.97	1
433939100355001	9	--	--	150.00	150.00	1

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
425956101134501	35N33W20ABCC	7	580	3,039	122ARKR
425956101134502	35N33W20ABCC2	7	64	3,040	121OGLL
425956101134503	35N33W20ABCC3	7	165	3,040	121OGLL
430000102103001	35N41W 4BCC	113	120	3,470	122ARKR
430104101155501	35N34W12DCC	7	250	--	121OGLL
430152101054803	35N32W 9BABB3	121	67	2,935	121ASHL
430153101054902	35N32W 9BABB5	121	452	2,938	122ARKR
430212101041201	35N32W 3DAB	121	110	2,910	121OGLL
430223102084901	WAKPAMN WELL	113	--	3,480	--
430256101160001	36N34W36DBCC	7	205	2,930	121OGLL
430300101373501	36N37W36CCA	7	250	--	122ARKR
430340101012301	36N32W25DDDD	121	125	2,841	121OGLL
430413101214101	36N34W30AAC	7	230	--	121OGLL
430414101314401	36N36W26BBD	7	340	--	121OGLL
430429101320401	36N36W22DDDD2	7	263	3,068	122ARKR
430438101314301	36N36W23CCA	7	350	--	121OGLL
430451101041601	36N32W22DBB	121	83	2,855	121OGLL
430504101314401	36N36W23BBD	7	320	--	121OGLL
430520101260401	36N35W15CCCC	7	165	3,090	122ARKR
430521101223401	36N34W18CCCC2	7	78.2	3,071	121OGLL
430524101481601	36N38W16CCCC	7	279	3,230	122ARKR
430530102092301	36N41W29AAA	113	120	3,530	122ARKR
430550101274501	36N35W17ACC	7	210	--	121OGLL
430553101463901	36N38W15BDD	7	260	3,247	122ARKR
430600101450201	36N38W14AAC	7	150	3,231	122ARKR
430600101461301	36N38W15AAC	7	360	3,280	122ARKR
430600101472401	36N38W16AAC	7	375	3,211	122ARKR
430605101135701	36N33W17BACA	7	216	2,807	122ARKR

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
430605101135702	36N33W17BACA2	7	290	2,808	122ARKR
430613100544901	36N31W12DCCD	121	194	2,899	122ARKR
430617101263501	36N35W 9DCC	7	350	--	121OGLL
430625101264101	36N35W 9DBCC	7	350	--	121OGLL
430625101450101	36N38W11DDB	7	475	3,241	122ARKR
430625101453801	36N38W11CCA	7	350	3,215	122ARKR
430630101465001	36N38W10CC	7	500	3,221	122ARKR
430640101112001	36N33W10ABCA	121	65	2,881	121OGLL
430642101455801	36N38W10ADDD	7	443	3,199	122ARKR
430650101021001	36N32W 1DCDC	121	60	2,623	122ARKR
430651101241001	36N35W11AAC	7	270	--	121OGLL
430651101403501	36N37W 9AAC	7	525	--	122ARKR
430653101464801	36N38W10BBD	7	350	3,182	122ARKR
430656101445501	36N38W11AAC	7	480	3,228	122ARKR
430656102002101	36N40W10AAC	7	50	3,284	122ARKR
430704101390601	36N37W11BBBB2	7	320	3,159	122ARKR
430715101031901	36N32W 2CDBD	121	44	2,655	111ALVM
430716101214801	36N34W 6DBDC	7	220	--	121OGLL
430716101595401	36N40W 2CCA	7	60	3,290	122ARKR
430717101381201	36N37W 2DDB	7	500	--	122ARKR
430720101361901	36N36W 6CDD	7	480	--	122ARKR
430727101433601	36N38W 1DAA	7	450	3,198	122ARKR
430738102055901	36N41W 1BBCB	113	250	3,418	122ARKR
430744101593201	36N40W 2ABBB	7	398	3,300	122ARKR
430750101594301	37N40W36DDBC	7	400	3,264	122ARKR
430751101142801	37N33W32DCAA	7	370	2,940	121OGLL
430751101280601	37N35W33CCA	7	320	3,018	121OGLL
430752101560701	37N39W33DDB	7	50	3,274	122ARKR

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
430752101580001	37N39W32CCA	7	40	3,297	122ARKR
430757100484001	37N30W36D	121	--	2,980	121OGLL
430757101213301	37N34W32DACB	7	350	3,001	121OGLL
430759101460001	37N38W36CCA	7	520	3,202	122ARKR
430811102102701	37N45W32(2)	113	--	3,177	--
430818101291701	37N35W32B	7	350	2,998	121OGLL
430819101223701	37N34W31AADC	7	350	2,988	121OGLL
430822101210701	37N34W33BBDB	7	164	2,988	121OGLL
430823100484101	37N30W36A	121	--	2,940	121OGLL
430824101472701	37N38W34AADC	7	50	3,231	122ARKR
430824102091401	37N41W34A	113	250	3,428	122ARKR
430825100541001	37N30W32BB	121	295	2,987	122ARKR
430825101151801	37N33W32BBBB3	7	143	2,960	122ARKR
430828101145601	37N33W32BABA	7	350	2,943	121OGLL
430829101294101	37N35W31AAAA	7	302	2,999	122ARKR
430832101364701	37N36W31B	7	425	3,189	122ARKR
430835101554601	37N39W34CCCC	7	382	3,284	122ARKR
430842100541801	37N30W29CCBD	121	274	2,980	121OGLL
430844101565001	37N39W28CCA	7	130	3,303	122ARKR
430846101572001	37N39W29DDB	7	400	3,310	122ARKR
430847101452001	37N38W25DDB	7	500	3,244	122ARKR
430848100473101	37N29W30D	121	--	2,905	121OGLL
430855100541501	37N30W29CB	121	265	2,980	121OGLL
430859101542401	37N39W26CBAA	7	300	3,313	122ARKR
430907101561701	37N39W28ACC	7	500	3,307	122ARKR
430910101202401	37N34W28AAC	7	340	2,962	121OGLL
430910101340301	37N36W27BBC	7	220	3,100	122ARKR
430910101354901	37N36W29AAC	7	250	3,165	122ARKR

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
430914101134001	37N33W28BAAA	7	266	2,961	121OGLL
430917101474301	37N38W27AAC	7	370	3,264	122ARKR
430923101484301	37N38W28AAAA	7	398	3,268	122ARKR
430924100460601	37N29W29AAAA	121	204	2,868	121OGLL
430926101271801	37N35W21DDDD2	7	--	2,975	122ARKR
430928101532401	37N39W25BBBB	7	382	3,287	122ARKR
430929101104202	37N33W26AAAA2	121	395	2,953	122ARKR
430929101104203	37N33W26AAAA3	121	236	2,953	121OGLL
430937100445801	37N29W21DDAD	121	--	2,880	121OGLL
430937101194901	37N34W22CCA	7	350	2,949	121OGLL
430938101494101	37N38W21CCA	7	450	3,247	122ARKR
430938101523101	37N39W24DDB	7	130	3,297	122ARKR
430943101192301	37N34W22DBB	7	370	2,965	121OGLL
430943101551401	37N39W22DBCC	7	160	3,287	122ARKR
430946102012401	37N40W23CAA	7	400	1,030	122ARKR
430947101274801	37N35W21DBB	7	200	2,992	121OGLL
430948101571601	37N39W20DABC	7	460	3,343	122ARKR
430949101292701	37N35W20CBBA	7	128	2,995	121OGLL
430958101104701	37N33W23ADCA	121	--	3,008	--
431002101194901	37N34W22BBD	7	370	2,969	121OGLL
431002101195001	37N34W22BBD2	7	350	2,969	121OGLL
431002101205901	37N34W21BBD	7	350	2,956	121OGLL
431002101210001	37N34W21BBD2	7	350	2,956	121OGLL
431002101254501	37N35W23BBD	7	260	2,969	121OGLL
431003101395901	37N37W23B	7	420	3,231	122ARKR
431005100484401	37N30W24A	121	--	2,900	121OGLL
431005101553501	37N39W22BBD	7	480	3,330	122ARKR
431007101250601	37N35W23A	7	470	2,978	121OGLL

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
431007101435101	37N37W20BBCC	7	--	3,264	122ARKR
431009101274101	37N35W21ABB	7	390	3,002	121OGLL
431018101152001	37N33W17CCCC	7	181	2,998	121OGLL
431018101212001	37N34W17DDDD	7	43.7	2,956	122ARKR
431022101131701	37N33W16D	121	--	2,989	--
431022101555001	37N39W16DDDD	7	565	3,350	122ARKR
431022101570101	37N39W17DDDD	7	305	3,337	122ARKR
431029101150401	37N33W17CBDD	7	300	2,992	121OGLL
431029101400902	37N37W17CB2	7	500	3,287	122ARKR
431029101441601	37N37W18DCAB	7	--	3,290	122ARKR
431031101435201	37N37W17CCBB	7	--	3,297	122ARKR
431031101442201	37N37W18DCBA	7	--	3,287	122ARKR
431031101522201	37N39W13	113	--	3,340	--
431034100451201	37N29W16D	121	--	2,858	121OGLL
431044101431801	37N37W17CAAA	7	--	3,208	122ARKR
431045101293701	37N35W18DAAA	7	27.1	2,995	121OGLL
431054101154001	37N33W18AAC	7	225	3,005	121OGLL
431058100462401	37N29W17A	121	--	2,850	121OGLL
431109100445901	37N29W16AAAA	121	184	2,852	121OGLL
431117101343501	37N36W 9DDB	7	400	3,083	122ARKR
431121101154001	37N33W 7DDB	7	390	3,001	121OGLL
431124101161501	37N33W 7C	7	340	3,034	121OGLL
431125100454801	37N29W 9C	121	--	2,825	121OGLL
431136101200901	37N34W 9AAAA	7	93.6	2,978	121OGLL
431147101161501	37N33W 7BBD	7	360	3,054	121OGLL
431147101202601	37N34W 9AAC	7	260	2,985	121OGLL
431148101174001	37N34W12BBC	7	320	3,047	121OGLL
431148101195101	37N34W10B	7	255	2,992	121OGLL

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
431149100462301	37N29W 8AADC	121	--	2,810	122ARKR
431151101205701	37N34W 9BACB	7	375	2,986	121OGLL
431151101474101	37N38W10AAC	7	420	3,362	122ARKR
431214101210001	37N34W 4CCA	7	250	2,988	121OGLL
431215101191001	37N34W 3DDB	7	230	3,038	121OGLL
431230101211001	37N34W 4BCCA	7	300	3,001	121OGLL
431233101170101	37N34W 1ACBD	7	300	3,051	121OGLL
431239101202401	37N34W 4AAC	7	350	3,018	121OGLL
431253100535201	37N30W31DAB	121	--	2,720	--
431255101212001	38N34W32DDDD	7	172	3,031	121OGLL
431257101281501	38N35W33CC	7	96	2,969	122ARKR
431340100510202	38N30W34AA2	121	--	2,645	122ARKR
431348100510401	38N30W27DDDC	121	58	2,582	110ALVM
431415101010601	38N31W29BCCBR	121	--	2,920	--
431427100561201	38N31W25BBAC	121	360	2,722	122ARKR
431455100554801	38N31W24DADB	121	300	2,680	122ARKR
431501101005701	38N31W20CBAA	121	140	2,837	122ARKR
431505100560901	38N31W24ACCA	121	2,272	71.97	122ARKR
431505100565801	38N31W23ACCBR	121	732	59.49	122ARKR
431508100562101	38N31W24BDADR	121	2,622	04.68	122ARKR
431515100553901	38N30W19BCBAR	121	2,742	59.35	122ARKR
431515100562701	38N31W24BDAC	121	--	2,600	--
431517100562301	38N31W24BDAC2R	121	2,422	73.99	--
431520100593601	38N31W16DBAA	121	128	2,710	122ARKR
431525100563801	38N31W23ABAD2	121	--	2,446	--
431526100563201	38N31W23AAB2	121	33	2,445	--
431526100563202	38N31W23AAAB2R	121	602	42.71	122ARKR
431526100563203	38N31W23AAAB3R	121	332	42.55	110ALVM

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
431530100550801	38N30W18DBCD	121	28	411.5	110ALVM
431536100472201	38N29W17BCDA	121	100	2,687	122ARKR
431536100533601	38N30W17DCD	121	35	2,550	--
431536100543101	38N30W18DDAD	121	602	19.62	122ARKR
431540100545801	38N30W18DCBD	121	27	2,425	--
431545100541501	38N30W17CBDD	121	--	2,408	--
431547100555601	38N31W13DABC	121	--	2,425	--
431620100560601	38N30W18BAAAR	121	--	2,562	--
431620100581301	38N31W10DCCCR	121	--	2,772	--
431625101103001	38N33W12CCDC	121	150	2,943	122ARKR
431645101042001	38N32W11CBD	121	123	2,785	122MOCN
431648100521601	38N30W 9ABD	121	--	2,565	--
431855100524501	39N30W28CDBD	121	40	2,330	110AVTN
431933101010501	39N31W29BCB	121	240	2,640	122ARKR
431943100425001	39N29W26AABA	121	60	2,542	122ARKR
431949100584601	39N31W27BBBB	121	565	2,622	123CRDN
431949100584602	39N31W27BBBB2	121	95	2,622	122ARKR
432221100594201	39N31W 9BBA	121	--	2,480	--
432244100373601	39N28W 3DBAC2	121	35	2,482	122ARKR
432250101084501	39N32W 6AC	121	150	2,667	122ARKR
432310101045501	39N32W 3AAAA	121	125	2,610	122ARKR
432320101044101	39N32W 3AAAA2	121	526	2,607	123WRVR
432336100494001	99N76W15CDA	123	1,320	1,953	217NCSL
432338101053901	40N32W33DA	95	180	2,609	122ARKR
432358101045501	40N32W34AC	95	270	2,610	122ARKR
432359101003501	40N31W32AC	95	220	2,540	122ARKR
432411101080701	40N32W32BBBB	95	265	2,640	123WRVR
432440100575501	40N31W28CAA	95	--	2,457	--

Table 40. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[County code: 7 = Bennett County, 95 = Mellette County, 113 = Shannon County, 121 = Todd County, 123 = Tripp County; 110ALVM, Quaternary alluvium; 110AVTN, Alluvium, terrace, non-glacial; 111ALVM, Holocene Alluvium; 121ASHL, Ash Hollow Formation; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; 122MOCN, Miocene Series; 123CRDN, Chadron Formation; 123WRVR, White River Group or Formation; 211DKOT, Dakota Sandstone or Formation; 211PIRR, Pierre Shale; 217NCSL, Newcastle Sandstone; 310 MNLS, Minnelusa Formation. Datum, National Geodetic Vertical Datum; --, no data]

Site number	Local identifier	County code	Depth of well, total (feet)	Altitude of land surface, datum (feet)	Geologic unit
432517101064001	40N32W21CAACC	95	240	2,600	122ARKR
432542101000101	40N31W21BC	95	200	2,550	122ARKR
432555100591302	40N31W21AAAA2	95	81.2	2,587	123WRVR
432558100513303	40N30W22BAB	95	60	2,360	123WRVR
432728100562702	40N31W12BDB2	95	89	2,345	123WRVR
432728100562703	40N31W12BDB3	95	40	2,345	110AVTN
432737100382201	40N28W 9ABAC	95	16	2,400	123WRVR
432741100411201	40N28W 7BCAA	95	45	2,200	110AVTN
432808101012902	40N31W 5CBB2	95	105	2,610	123WRVR
433013100510501	38N30W34AABA	121	200	2,600	122MOCN
433027100471601	41N29W20DDD2	95	--	2,346	211PIRR
433055101004902	41N31W21BDB2	95	40	2,345	123WRVR
433229100563101	41N30W 7DDBD	95	32	2,188	211PIRR
433256100460001	41N29W10BAB	95	--	--	--
433355100425301	42N29W36DCD	95	--	--	--
433416100454101	42N29W34CAAC2	95	18	1,959	110ALVM
433425100453001	42N29W34CAAC2	95	13	1,959	110AVTN
433427100454801	42N29W34BDBD	95	15	1,958	110ALVM
433447100460401	42N29W27CDC	95	48	1,952	110AVTN
433552100444001	42N29W23CACC	95	48	1,929	110AVTN
433613100433201	42N29W24BCAD2	95	47	1,912	211PIRR
433617100384101	42N28W22B	95	2,360	2,101	310MNLS
433738100411901	42N28W 8CBC	95	50	1,875	110ALVM
433847100411401	42N28W 5BCD	95	14	1,865	110AVTN
433939100355001	43N28W36AC	95	1,990	2,112	211DKOT
434213100391601	43N28W15ACCD	95	--	1,798	110AVTN
434216100381601	43N28W15ACBD	95	--	1,795	110AVTN
434325100393301	43N28W 9ABBB	95	--	1,790	110AVTN

Table 41. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; mL, milliliters; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; U, uranium; Cs, Cesium; Th, thorium; OH, hydroxide; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents								
Flow rate instantaneous (gallons/minute)	0.93	0.92	0.13	0.87	1.02	0.66	1.13	9
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,000	3,530	32
Depth of well, total (feet)	--	--	--	--	--	13	2,380	145
Specific conductance, µS/cm at 25 deg C	535.4	391.5	506.1	299.3	561	70	3,430	212
pH, water, whole, field (standard units)	--	--	--	--	--	6.3	8.51	274
Temperature, air (deg C)	14.2	16.8	11.5	1.8	24.9	0	36	44
Water temperature (deg C)	15.2	14	5.8	12.8	16.4	9.4	60	96
Turbidity (NTU)	3.2	0.4	8.0	0.2	0.8	0.1	38	28
Barometric pressure (mm of Hg)	--	--	--	--	--	677	785	33
Oxygen, dissolved (mg/L)	4.4	4.2	3.7	0.4	8.3	0	9.8	34
Oxygen, dissolved (percent of saturation)	48.3	53.5	37.6	7.4	85.1	.2	103.4	31
Oxidation reduction potential (millivolts)	224.1	243	64.8	197.8	264.3	52	304	20
Hardness, total (mg/L as $CaCO_3$)	176.8	153.6	194.3	99.7	178.7	10.0	1,721.2	269
Noncarbonate hardness, water, whole, total, field (mg/L as $CaCO_3$)	72.3	0	233.6	0	0	0	1,130	58
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	197.1	165	91.2	143	230.3	84	481	32
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	183.9	180	80.6	137	219.5	1	492	73
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	195.1	165.5	89.7	142.3	224.3	84	472	32
Alkalinity, water, whole, total, incremental titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	177	177	1
Fecal coliform .7 µm-mf (colonies/100 mL)	0.2	0	0.4	0	.5	0	1	5

Table 41. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; mL, milliliters; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; U, uranium; Cs, Cesium; Th, thorium; OH, hydroxide; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Coliform, membrane filter, delayed m-endo medium (colonies/100 mL)	--	--	--	--	--	0.58	0.58	1
E. coli, water, whole, total, thermotol, mf, m-tec, in situ, urease (colonies/100 mL)	--	--	--	--	--	0.01	.01	1
Streptococci, fecal, membrane filter, KF agar (colonies/100 mL)	0.49	0	1.09	0	1.22	0	2.43	5
Calcium, dissolved (mg/L)	54.7	46.4	62.0	30	58.0	0.4	582	276
Magnesium, dissolved (mg/L)	10.4	7.3	22.7	3.8	10	0	330	271
Sodium, dissolved (mg/L)	47.3	19.9	79.9	8	55	2	690	272
Sodium (percent)	27.6	19.4	23.7	10.1	37.0	2	97.4	259
Sodium adsorption ratio	2.65	0.67	8.28	0.28	1.99	0.06	95.39	267
Sodium plus potassium, dissolved (mg/L)	44.5	15	56.8	8.4	110	8.4	110	3
Potassium, dissolved (mg/L)	11.1	9.5	14.6	7	12	1.3	230	264
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	205.1	210	75.4	161	239	1.3	600	179
Bicarbonate, incremental titration, lab (mg/L as HCO_3)	231.1	220	64.8	195	279	93	342	17
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	239.5	201.5	111.6	173.3	280	103	587	32
Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	3.2	0	6.8	0	1.1	0	24	38
Carbonate, water, dissolved, incremental titration, field (mg/L as CO_3)	0.5	0	1.8	0	0	0	8	32
Sulfate, dissolved (mg/L)	69.3	18	225.0	6.1	38.5	0	2,358	269
Chloride, dissolved (mg/L)	13.0	4	34.8	2.4	8	0	321	274
Fluoride, dissolved (mg/L)	1.3	0.4	6.7	0.3	0.6	0.03	77	135

Table 41. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; mL, milliliters; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; U, uranium; Cs, Cesium; Th, thorium; OH, hydroxide; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
			Inorganic Constituents—Continued					
Silica, dissolved (mg/L)	56.6	62	16.3	51	67	12	80	83
Solids, sum of constituents, dissolved (mg/L)	317.2	236.6	332.8	182.3	325.7	69.7	2,515.7	243
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	468.5	314	520.6	261.5	401.5	102	3,948	161
Solids, dissolved (tons per acre-foot)	0.47	0.38	0.49	0.26	0.47	0.10	3.86	239
Solids, residue on total evaporation at 105 deg C (mg/L)	--	--	--	--	--	90	90	1
Nitrogen, total (mg/L as NO_3)	--	--	--	--	--	1.06	1.06	1
Nitrogen ammonia, total (mg/L as N)	--	--	--	--	--	0.43	0.43	1
Nitrogen ammonia, dissolved (mg/L as N)	0.11	0.02	0.27	0.01	0.09	0.002	1.5	35
Nitrogen ammonia plus organic, total (mg/L as N)	--	--	--	--	--	0.23	0.23	1
Nitrogen, nitrite, total (mg/L as N)	0.01	0.01	0.01	0.01	0.01	0.01	0.03	18
Nitrogen, nitrite, dissolved (mg/L as N)	0.010	0.01	0.011	0.002	0.01	0.001	0.07	34
Nitrogen nitrite plus nitrate, total (mg/L as N)	3.26	1.05	7.90	0.56	1.88	0.01	39	36
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	2.69	0.80	7.23	0.16	1.58	0.005	39	44
Nitrogen nitrate, total (mg/L as N)	2.34	0.92	6.27	0.53	1.8	0	40	129
Nitrogen nitrate, dissolved (mg/L as N)	4.13	0.56	10.18	0.10	1.80	0	38.99	16
Phosphorus, dissolved (mg/L)	0.045	0.026	0.053	0.008	0.101	0.007	0.121	4
Phosphate ortho, dissolved (mg/L)	1.258	0.215	3.303	0.064	0.797	0.021	17.477	31
Phosphorus orthophosphate, dissolved (mg/L as P)	0.38	0.05	1.01	0.01	0.20	0.007	5.7	32
Aluminum, dissolved (µg/L)	36.7	5	49.1	5	100	5	100	6
Arsenic, total (µg/L)	4.2	2.8	3.2	1.9	7.7	1.5	9.2	6
Arsenic, dissolved (µg/L)	24.5	11	28.6	6	35.3	1	110	58

Table 41. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; mL, milliliters; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; U, uranium; Cs, Cesium; Th, thorium; OH, hydroxide; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Barium, total (µg/L)	118.7	117	34.6	84.8	156.3	75	160	6
Barium, dissolved (µg/L)	186.2	140	125.0	80.5	315	61	360	5
Beryllium, dissolved (µg/L)	--	--	--	--	--	0.5	0.5	1
Boron, dissolved (µg/L)	189.6	78.1	368.3	40	180	0	2120	71
Bromide, dissolved (mg/L)	--	--	--	--	--	0.9	0.9	1
Cadmium, total (µg/L)	1.3	1	0.6	1	2	1	2.4	7
Cadmium, dissolved (µg/L)	1	1	0	1	1	1	1	31
Chromium, total (µg/L)	3.0	1.3	3.5	1	5.0	1	10	6
Chromium, dissolved (µg/L)	1.8	1	3.4	1	1	1	20	32
Cobalt, dissolved (µg/L)	--	--	--	--	--	3	3	1
Copper, total (µg/L)	5.2	2.6	7.1	0.03	10.5	0.015	18	6
Copper, dissolved (µg/L)	4.5	3	4.4	1	6	1	17	31
Iodide, dissolved (mg/L)	--	--	--	--	--	0.01	0.01	1
Iron, total (µg/L)	1,550	80	8,469	30	248	0	74,000	88
Iron, dissolved (µg/L)	102.4	9	468.3	3	22	0	3,300	55
Lead, total (µg/L)	3.0	1.1	4.6	1	4.2	1	12.5	6
Lead, dissolved (µg/L)	1.3	1	1.6	1	1	1	10	31
Lithium, dissolved (µg/L)	48	24	45.1	20	100	20	100	3
Manganese, total (µg/L)	490	20	1,512	20	260	0	9,000	44
Manganese, dissolved (µg/L)	35.3	9.5	77.6	1	14.5	1	360	54
Mercury, total recoverable (µg/L)	0.6	0.3	0.7	0.2	0.8	0.2	2	6
Mercury, dissolved (µg/L)	0.1	0.1	0.1	0.1	0.1	0.1	0.6	32

Table 41. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; mL, milliliters; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; U, uranium; Cs, Cesium; Th, thorium; OH, hydroxide; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Molybdenum, dissolved (µg/L)	2.7	2	2.2	1.1	3.8	1	10	20
Nickel, dissolved (µg/L)	--	--	--	--	--	10	10	1
Selenium, total (µg/L)	1.0	1	0.04	1	1.0	1	1.1	6
Selenium, dissolved (µg/L)	2.2	1	3.1	1	2	0	20	55
Silver, total (µg/L)	12.5	1	23.6	1	23.3	1	60	6
Silver, dissolved (µg/L)	--	--	--	--	--	1	1	1
Thallium, dissolved (µg/L)	--	--	--	--	--	0.5	0.5	1
Strontium, dissolved (µg/L)	2,973	470	4,440	350	8,100	350	8,100	3
Vanadium, dissolved (µg/L)	19.9	9.5	33.6	6.3	19.3	1.1	150	20
Zinc, total (µg/L)	11.5	8.3	12.9	0.1	24.5	0.046	29	6
Zinc, dissolved (µg/L)	65.2	11	185.5	6	30.3	3	960	32
Gross alpha, dissolved (pCi/L as U-nat)	--	--	--	--	--	27	27	1
Gross alpha suspended (pCi/L as U-nat)	--	--	--	--	--	1.5	1.5	1
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	3.6	3.2	2.3	1.5	5.9	0.6	7.5	16
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	1.05	0.94	0.58	0.73	1.38	0.33	2.75	16
Alpha, gross total as U natural (µg/L)	1.93	1.80	0.95	1.05	2.94	1.05	2.94	3
Alpha, gross, dissolved as U natural (µg/L)	7.7	4.3	10.8	1.8	9.3	0.6	40	12
Alpha radioactivity, 2 sigma precision estimate, water, dissolved, as nat U (µg/L)	1.31	1.35	0.58	0.83	2.01	0.47	2.13	11
Gross alpha radioactivity, suspended total (µg/L as U natural)	--	--	--	--	--	2.2	2.2	1
Gross beta, dissolved (pCi/L as Cs-137)	14.5	12	7.9	9.8	18.5	5.2	37	17

Table 41. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; mL, milliliters; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; U, uranium; Cs, Cesium; Th, thorium; OH, hydroxide; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	3.11	2.23	2.01	2.01	3.29	1.26	9.09	16
Gross beta suspended (pCi/L as Cs-137)	--	--	--	--	--	1.2	1.2	1
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	10.5	8.6	7.9	6.6	10.6	4	34	12
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as S4-90/Y-90 (pCi/L)	1.56	1.57	0.41	1.2	1.88	0.87	2.17	11
Gross beta radioactivity, suspended total (pCi/L as Sr/Y-90)	--	--	--	--	--	1.2	1.2	1
Radium 226 dissolved, radon method (pCi/L)	--	--	--	--	--	2.2	2.2	1
Radium 226 dissolved, planchet count (pCi/L)	0.163	0.163	0.088	--	--	0.1	0.225	2
Radium-226, 2 sigma precision estimate, water, dissolved (pCi/L)	--	--	--	--	--	0.074	0.074	1
Uranium, natural, water, dissolved (µg/L)	4,006	5.7	17,432	3.8	9.4	1.4	75,990	19
Uranium, dissolved, extraction fluorometric (µg/L)	--	--	--	--	--	0.01	0.01	1
Uranium, natural, 2 sigma precision estimate, water, dissolved (µg/L)	0.31	0.13	0.55	0.08	0.202	0.032	2.06	17
Carbon organic, dissolved (mg/L as carbon)	--	--	--	--	--	0	0	1
Organic Constituents								
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	247.0	207.5	127.0	159.8	307.8	88	668	60
Alachlor, total recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Ametryne, total (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Atrazine, water, unfiltered, recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Cyanazine, total (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
2,4-D, total (µg/L)	0.03	0.03	0.02	--	--	0.01	0.04	2

Table 41. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; mL, milliliters; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; U, uranium; Cs, Cesium; Th, thorium; OH, hydroxide; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents—Continued								
2, 4-DP, total (µg/L)	0.01	0.01	0	--	--	0.01	0.01	2
Dicamba, total (µg/L)	0.01	0.01	0	--	--	0.01	0.01	2
Metolachlor, water, whole, total recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Metribuzin, water, whole, total recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Picloram, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	--	--	0.01	0.01	2
Prometone, total (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Prometryne, total (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Propazine, total (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Silvex, total (µg/L)	0.01	0.01	0	--	--	0.01	0.01	2
Simazine, total (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
Simetryne, total (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2
2,4,5-T, total (µg/L)	0.01	0.01	0	--	--	0.01	0.01	2
Trifluralin, total recoverable (µg/L)	0.1	0.1	0	--	--	0.1	0.1	2

Table 42. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 110ALVM (Quaternary alluvium) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, Mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; NO_3, nitrate; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,412	2,440	2
Depth of well, total (feet)	43.3	39	--	--	--	33	58	3
Specific conductance, µS/cm at 25 deg C	1,112	614	1,117	463	2,259	440	2,780	4
pH, water, whole, field (standard units)	--	--	--	--	--	7.13	7.9	8
Water temperature (deg C)	11.7	12	0.6	11.1	12.1	11.1	12.1	3
Turbidity (NTU)	--	--	--	--	--	0.8	0.8	1
Barometric pressure (mm of Hg)	--	--	--	--	--	693	693	1
Oxygen, dissolved (mg/L)	--	--	--	--	--	0.03	0.03	1
Oxygen, dissolved (percent of saturation)	--	--	--	--	--	0.2	0.2	1
Oxidation reduction potential (millivolts)	--	--	--	--	--	52	52	1
Hardness, total (mg/L as $CaCO_3$)	204.83	168.66	128.26	98.51	307.52	77.70	437.16	9
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	234	234	1
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	449.5	449.5	309.0	--	--	231	668	2
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	214	214	29.7	--	--	193	235	2
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	234	234	1
Calcium, dissolved (mg/L)	69.8	57.8	43.3	34	103.5	26	150.7	9
Magnesium, dissolved (mg/L)	7.39	6	5.10	3.85	10.78	2	17.01	9
Sodium, dissolved (mg/L)	114.7	48.8	186.3	24.1	91	22	570	8
Sodium (percent)	42.26	26.23	27.98	21.66	66.39	16.82	91.83	8
Sodium adsorption ratio	4.78	1.24	8.40	0.79	4.16	0.64	25.27	8
Potassium, dissolved (mg/L)	10.2	10	1.5	9.1	11	8.1	12.9	8

Table 42. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 110ALVM (Quaternary alluvium) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, Mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; NO_3, nitrate; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	292.2	287	54.6	240.5	346.5	235	363.6	5
Bicarbonate, incremental titration, lab (mg/L as HCO_3)	--	--	--	--	--	240	240	1
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	--	--	--	--	--	286	286	1
Sulfate, dissolved (mg/L)	134.6	65	160.7	18.5	249.5	3.5	480	9
Chloride, dissolved (mg/L)	24.9	11	50.9	2.5	14.3	2	160	9
Fluoride, dissolved (mg/L)	0.7	0.5	0.6	0.3	0.7	0.2	2.2	8
Silica, dissolved (mg/L)	38.3	37	23.9	15.8	62	12	67	4
Solids, sum of constituents, dissolved (mg/L)	594.5	336.7	553.3	298.3	903.6	247.8	1,688.7	6
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	595.4	345	490.4	312	736.8	280	1,720	8
Solids, dissolved (tons per acre-foot)	0.846	0.470	0.759	0.427	1.296	0.423	2.339	6
Nitrogen ammonia, dissolved (mg/L as N)	--	--	--	--	--	1.5	1.5	1
Nitrogen, nitrite, total (mg/L as N)	0.01	0.01	0	--	--	0.01	0.01	2
Nitrogen, nitrite, dissolved (mg/L as N)	--	--	--	--	--	0.01	0.01	1
Nitrogen, nitrite plus nitrate, total (mg/L as N)	--	--	--	--	--	0.1	0.1	1
Nitrogen, nitrite plus nitrate, dissolved (mg/L as N)	--	--	--	--	--	0.1	0.1	1
Nitrogen, nitrate, total (mg/L as N)	0.2	0.2	0.1	0.1	0.2	0.1	0.2	3
Phosphorus orthophosphate, dissolved (mg/L as P)	--	--	--	--	--	0.01	0.01	1
Arsenic, dissolved (µg/L)	--	--	--	--	--	25	25	1
Boron, dissolved (µg/L)	336.7	160	405.0	50	800	50	800	3
Cadmium, dissolved (µg/L)	--	--	--	--	--	1	1	1
Chromium, dissolved (µg/L)	--	--	--	--	--	1	1	1

Table 42. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 110ALVM (Quaternary alluvium) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, Mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; NO_3, nitrate; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Copper, total (µg/L)	--	--	--	--	--	8	8	1
Copper, dissolved (µg/L)	--	--	--	--	--	1	1	1
Iron, total (µg/L)	1,030	110	1,327.7	60	2,460	30	2,800	5
Iron, dissolved (µg/L)	--	--	--	--	--	58	58	1
Lead, dissolved (µg/L)	--	--	--	--	--	1	1	1
Manganese, total (µg/L)	693.3	560	749.0	20	1,500	20	1,500	3
Manganese, dissolved (µg/L)	--	--	--	--	--	360	360	1
Mercury, dissolved (µg/L)	--	--	--	--	--	0.1	0.1	1
Molybdenum, dissolved (µg/L)	--	--	--	--	--	3.4	3.4	1
Selenium, dissolved (µg/L)	5.5	5.5	6.4	--	--	1	10	2
Vanadium, dissolved (µg/L)	--	--	--	--	--	1.1	1.1	1
Zinc, total (µg/L)	--	--	--	--	--	23	23	1
Uranium, natural, water, dissolved (µg/L)	--	--	--	--	--	9.4	9.4	1
Uranium, natural, 2 sigma precision estimate, water, dissolved (µg/L)	--	--	--	--	--	0.22	0.22	1

Table 43. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 110AVTN (alluvium, terrace, non-glacial) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; NTU, nephelometric turbidity unit; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; NO_3, nitrate; U, uranium; NGVD, National Geodetic Vertical Datum; deg C, degrees Celsius; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,000	2,180	2
Depth of well, total (feet)	34.5	40	--	--	--	13	45	4
Specific conductance, µS/cm at 25 deg C	1,664.5	1,240	1,343.6	496.8	3,250	337	3,430	6
pH, water, whole, field (standard units)	--	--	--	--		7.15	8.3	9
Water temperature (deg C)	14.2	14	2.1	12.5	16.5	11.7	16.5	6
Turbidity (NTU)	0.7	0.7	0.4	--	--	0.4	1	2
Hardness, total (mg/L as $CaCO_3$)	469.4	215.6	514.2	132.1	951.9	110.5	1,721.3	14
Noncarbonate hardness, water, whole, total, field (mg/L as $CaCO_3$)	610	610	31.1	--	--	588	632	2
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	396	396	36.8	--	--	370	422	2
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	307.9	289.5	119.4	219.3	436	165	492	8
Calcium, dissolved (mg/L)	155.7	60.3	176.0	45.8	332.5	34	582	14
Magnesium, dissolved (mg/L)	19.5	13.5	19.0	4.8	29.5	2.5	65	14
Sodium, dissolved (mg/L)	154.6	60.5	162.3	28.8	335.3	24	440	14
Sodium (percent)	41.43	28.70	22.80	24.67	58.20	22.58	85.41	9
Sodium adsorption ratio	3.290	1.735	3.483	0.958	5.141	0.859	13.252	14
Potassium, dissolved (mg/L)	12.7	9.2	6.9	8.6	18	6.7	25	9
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	351.7	253	172.6	210	583	201	600	7
Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	9	9	9.3	--	--	2.4	15.6	2
Sulfate, dissolved (mg/L)	450.5	88	693.5	23.7	832	9.2	2,358	14
Chloride, dissolved (mg/L)	48.6	8	90.3	3.1	67.5	1	321	13
Fluoride, dissolved (mg/L)	0.8	0.6	1.0	0.4	0.9	0.2	4	14

Table 43. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 110AVTN (alluvium, terrace, non-glacial) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; NTU, nephelometric turbidity unit; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; NO_3, nitrate; U, uranium; NGVD, National Geodetic Vertical Datum; deg C, degrees Celsius; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Silica, dissolved (mg/L)	35.2	36	14.2	24.3	48	13	51	6
Solids, sum of constituents, dissolved (mg/L)	1,053.1	586.0	986.1	262.5	2,361.2	233.2	2,515.8	7
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	1,117	471	1,201	317	2,005	232	3,948	14
Solids, dissolved (tons per acre-foot)	1.554	0.782	1.520	0.452	3.563	0.316	3.862	7
Nitrogen ammonia, dissolved (mg/L as N)	--	--	--	--	--	0.02	0.02	1
Nitrogen, nitrite, total (mg/L as N)	0.02	0.02	0.01	--	--	0.01	0.03	2
Nitrogen, nitrite, dissolved (mg/L as N)	--	--	--	--	--	0.01	0.01	1
Nitrogen nitrite plus nitrate, total (mg/L as N)	--	--	--	--	--	2.3	2.3	1
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	0.8	0.1	1.3	0.1	2.3	0.1	2.3	3
Nitrogen nitrate, total (mg/L as N)	5.1	1.1	12.3	0.4	2.6	0.3	40	10
Phosphorus orthophosphate, dissolved (mg/L as P)	--	--	--	--	--	0.03	0.03	1
Aluminum, dissolved (µg/L)	--	--	--	--	--	100	100	1
Arsenic, total (µg/L)	2.3	2.3	0.4	--	--	2	2.5	2
Barium, total (µg/L)	139.5	139.5	21.9	--	--	124	155	2
Boron, dissolved (µg/L)	325	295	324.6	40	640	30	680	4
Cadmium, total (µg/L)	1.7	1.7	1.0	--	--	1	2.4	2
Chromium, total (µg/L)	5.6	5.6	6.2	--	--	1.2	10	2
Copper, total (µg/L)	--	--	--	--	--	18	18	1
Iron, total (µg/L)	1,596.7	1,765	1,139.1	462.5	2,450	50	3,200	6
Iron, dissolved (µg/L)	--	--	--	--	--	9	9	1
Lead, total (µg/L)	1.3	1.3	0.1	--	--	1.2	1.4	2
Lithium, dissolved (µg/L)	--	--	--	--	--	20	20	1
Manganese, total (µg/L)	1,317	740	1,468	280	1,800	200	4,400	7

Table 43. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 110AVTN (alluvium, terrace, non-glacial) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; NTU, nephelometric turbidity unit; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; NO_3, nitrate; U, uranium; NGVD, National Geodetic Vertical Datum; deg C, degrees Celsius; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Manganese, dissolved (µg/L)	--	--	--	--	--	10	10	1
Mercury, total recoverable (µg/L)	0.31	0.31	.15	--	--	0.2	0.41	2
Selenium, total (µg/L)	1	1	0	--	--	1	1	2
Silver, total (µg/L)	30.5	30.5	41.7	--	--	1	60	2
Strontium, dissolved (µg/L)	--	--	--	--	--	350	350	1
Zinc, total (µg/L)	--	--	--	--	--	29	29	1
Alpha, gross total as U natural (µg/L)	--	--	--	--	--	2.941	2.941	1

Table 44. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 111ALVM (Holocene alluvium) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µS/cm, microsiemens per centimeter; deg C, degrees Celsius; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; $CaCO_3$, calcium carbonate; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Hardness, total (mg/L as $CaCO_3$)	--	--	--	--	--	76.85	76.85	1
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	96	96	1
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	--	--	--	--	--	107	107	1
Calcium, dissolved (mg/L)	--	--	--	--	--	25	25	1
Magnesium, dissolved (mg/L)	--	--	--	--	--	3.5	3.5	1
Sodium, dissolved (mg/L)	--	--	--	--	--	14	14	1
Sodium (percent)	--	--	--	--	--	26.36	26.36	1
Sodium adsorption ratio	--	--	--	--	--	0.695	0.695	1
Potassium, dissolved (mg/L)	--	--	--	--	--	6.5	6.5	1
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	--	--	--	--	--	117	117	1
Sulfate, dissolved (mg/L)	--	--	--	--	--	5.9	5.9	1
Chloride, dissolved (mg/L)	--	--	--	--	--	0.9	0.9	1
Fluoride, dissolved (mg/L)	--	--	--	--	--	0.3	0.3	1
Silica, dissolved (mg/L)	--	--	--	--	--	60	60	1
Solids, sum of constituents, dissolved (mg/L)	--	--	--	--	--	176.76	176.76	1
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	--	--	--	--	--	175	175	1
Solids, dissolved (tons per acre-foot)	--	--	--	--	--	0.238	0.238	1
Nitrogen ammonia, dissolved (mg/L as N)	--	--	--	--	--	0.002	0.002	1
Nitrogen, nitrite, dissolved (mg/L as N)	--	--	--	--	--	0.002	0.002	1
Nitrogen nitrite plus nitrate, total (mg/L as N)	--	--	--	--	--	0.662	0.662	1
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	--	--	--	--	--	0.662	0.662	1
Nitrogen nitrate, total (mg/L as N)	--	--	--	--	--	0.66	0.66	1

Table 44. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 111ALVM (Holocene alluvium) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µS/cm, microsiemens per centimeter; deg C, degrees Celsius; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; $CaCO_3$, calcium carbonate; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Nitrogen nitrate, dissolved (mg/L as N)	--	--	--	--	--	0.66	0.66	1
Phosphate ortho, dissolved (mg/L)	--	--	--	--	--	0.16	0.16	1
Phosphorus orthophosphate, dissolved (mg/L as P)	--	--	--	--	--	0.05	0.05	1
Arsenic, dissolved (µg/L)	--	--	--	--	--	6	6	1
Boron, dissolved (µg/L)	--	--	--	--	--	20	20	1
Iron, dissolved (µg/L)	--	--	--	--	--	3	3	1
Manganese, dissolved (µg/L)	--	--	--	--	--	6	6	1
Selenium, dissolved (µg/L)	--	--	--	--	--	1	1	1
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	--	--	--	--	--	1.3	1.3	1
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	--	--	--	--	--	0.578	0.578	1
Alpha, gross, dissolved as U natural (µg/L)	--	--	--	--	--	1.8	1.8	1
Alpha radioactivity, 2 sigma precision estimate, water, dissolved, as nat U (µg/L)	--	--	--	--	--	0.828	0.828	1
Gross beta, dissolved (pCi/L as Cs-137)	--	--	--	--	--	8.5	8.5	1
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	--	--	--	--	--	2	2	1
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	--	--	--	--	--	6.4	6.4	1
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Sr-90/Y-90 (pCi/L)	--	--	--	--	--	1.88	1.88	1

Table 45. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 121ASHL (Ash Hollow Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Flow rate instantaneous (gallons/minute)	--	--	--	--	--	0.92	0.92	1
Specific conductance, µS/cm at 25 deg C	--	--	--	--	--	187	187	1
pH, water, whole, field (standard units)	--	--	--	--	--	7.29	7.29	1
Temperature, air (deg C)	--	--	--	--	--	18	18	1
Water temperature (deg C)	--	--	--	--	--	12.6	12.6	1
Turbidity (NTU)	--	--	--	--	--	0.3	0.3	1
Barometric pressure (mm of Hg)	--	--	--	--	--	684	684	1
Oxygen, dissolved (mg/L)	--	--	--	--	--	0.11	0.11	1
Oxygen, dissolved (percent of saturation)	--	--	--	--	--	1.16	1.16	1
Hardness, total (mg/L as $CaCO_3$)	--	--	--	--	--	70.24	70.24	1
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	84	84	1
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	--	--	--	--	--	88	88	1
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	84	84	1
Calcium, dissolved (mg/L)	--	--	--	--	--	24	24	1
Magnesium, dissolved (mg/L)	--	--	--	--	--	2.5	2.5	1
Sodium, dissolved (mg/L)	--	--	--	--	--	5.5	5.5	1
Sodium (percent)	--	--	--	--	--	13.26	13.26	1
Sodium adsorption ratio	--	--	--	--	--	0.286	0.286	1
Potassium, dissolved (mg/L)	--	--	--	--	--	6.3	6.3	1
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	--	--	--	--	--	103	103	1
Sulfate, dissolved (mg/L)	--	--	--	--	--	4.3	4.3	1
Chloride, dissolved (mg/L)	--	--	--	--	--	0.5	0.5	1
Fluoride, dissolved (mg/L)	--	--	--	--	--	0.3	0.3	1
Silica, dissolved (mg/L)	--	--	--	--	--	62	62	1

Table 45. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 121ASHL (Ash Hollow Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Solids, sum of constituents, dissolved (mg/L)	--	--	--	--	--	157.49	157.49	1
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	--	--	--	--	--	154	154	1
Solids, dissolved (tons per acre-foot)	--	--	--	--	--	0.209	0.209	1
Nitrogen ammonia, dissolved (mg/L as N)	--	--	--	--	--	0.011	0.011	1
Nitrogen, nitrite, dissolved (mg/L as N)	--	--	--	--	--	0.001	0.001	1
Nitrogen nitrite plus nitrate, total (mg/L as N)	--	--	--	--	--	0.124	0.124	1
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	--	--	--	--	--	0.124	0.124	1
Nitrogen nitrate, total (mg/L as N)	--	--	--	--	--	0.123	0.123	1
Nitrogen nitrate, dissolved (mg/L as N)	--	--	--	--	--	0.123	0.123	1
Phosphorus orthophosphate, dissolved (mg/L as P)	--	--	--	--	--	0.202	0.202	1
Arsenic, dissolved (µg/L)	--	--	--	--	--	9	9	1
Boron, dissolved (µg/L)	--	--	--	--	--	30	30	1
Iron, dissolved (µg/L)	--	--	--	--	--	130	130	1
Manganese, dissolved (µg/L)	--	--	--	--	--	90	90	1
Selenium, dissolved (µg/L)	--	--	--	--	--	1	1	1
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	--	--	--	--	--	0.6	0.6	1
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	--	--	--	--	--	0.329	0.329	1
Alpha, gross, dissolved as U natural (µg/L)	--	--	--	--	--	0.6	0.6	1
Alpha radioactivity, 2 sigma precision estimate, water, dissolved, as nat U (µg/L)	--	--	--	--	--	0.469	0.469	1
Gross beta, dissolved (pCi/L as Cs-137)	--	--	--	--	--	6.6	6.6	1
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	--	--	--	--	--	1.26	1.26	1
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	--	--	--	--	--	5.4	5.4	1
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Sr-90/Y-90 (pCi/L)	--	--	--	--	--	1.04	1.04	1

Table 46. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 121OGLL (Ogallala Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents								
Flow rate, instantaneous (gallons/minute)	0.99	1.01	0.05	0.94	1.03	0.94	1.03	3
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	3,039	3,039	2
Depth of well, total (feet)	--	--	--	--	--	27	470	56
Specific conductance, µS/cm at 25 deg C	324.9	293.5	144.7	244	363.3	92	754	66
pH, water, whole, field (standard units)	--	--	--	--	--	6.9	8.3	81
Temperature, air (deg C)	25.2	23	9.9	16.5	36	16.5	36	3
Water temperature (deg C)	13.3	13.5	2.0	12.3	14.6	9.4	16	8
Turbidity (NTU)	0.2	0.2	0.1	0.1	0.2	0.1	0.2	4
Barometric pressure (mm of Hg)	--	--	--	--	--	679	752	3
Oxygen, dissolved (mg/L)	8.42	8.43	0.14	8.27	8.55	8.27	8.55	3
Oxygen, dissolved (percent of saturation)	87.28	88.50	2.81	84.06	89.27	84.06	89.27	3
Hardness, total (mg/L as $CaCO_3$)	135.88	128.36	64.34	94.12	168.19	28.22	416.77	80
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	159	155.5	49.0	113.8	207.8	104	221	4
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	121.1	107	52.4	88.5	155.3	40	264	16
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	135	142	32.1	100	163	100	163	3
Calcium, dissolved (mg/L)	42.4	40	20.3	29.5	53.2	8	124	81
Magnesium, dissolved (mg/L)	7.4	7	4.4	4	10	1	26	77
Sodium, dissolved (mg/L)	15.8	6.105	22.7	5	13.8	2	109	80
Sodium (percent)	16.06	10.06	15.86	6.53	15.75	3.5	73.53	79
Sodium adsorption ratio	0.651	0.244	1.067	0.184	0.494	0.082	6.134	80
Potassium, dissolved (mg/L)	8.7	7	4.7	6	10	2	24	80

Table 46. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 121OGLL (Ogallala Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	167.5	163.5	59.1	117	202.5	49	322	66
Bicarbonate, incremental titration, lab (mg/L as HCO_3)	213.1	197	80.1	158.5	297.3	93	327	8
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	164.3	171	37.4	124	198	124	198	3
Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	23	23	1.4	--	--	22	24	2
Sulfate, dissolved (mg/L)	15.5	7	24.5	2.3	16.9	1	140	72
Chloride, dissolved (mg/L)	7.0	4	13.2	2	6	0.1	81	80
Fluoride, dissolved (mg/L)	0.7	0.3	1.3	0.2	0.5	0.2	4.6	11
Silica, dissolved (mg/L)	62.9	63	6.0	59	67	55	73	7
Solids, sum of constituents, dissolved (mg/L)	192.23	164.52	95.19	127.19	222.53	69.71	496.79	75
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	250.0	248	100.0	184	269	102	530	23
Solids, dissolved (tons per acre-foot)	0.280	0.224	0.144	0.18	0.354	0.095	0.721	71
Solids, residue on total evaporation at 105 deg C (mg/L)	--	--	--	--	--	90	90	1
Nitrogen ammonia, dissolved (mg/L as N)	0.004	0.002	0.004	0.002	0.008	0.002	0.01	4
Nitrogen, nitrite, total (mg/L as N)	0.01	0.01	0	0.01	0.01	0.01	0.01	4
Nitrogen, nitrite, dissolved (mg/L as N)	0.004	0.002	0.004	0.001	0.008	0.001	0.01	4
Nitrogen, nitrite plus nitrate, total (mg/L as N)	8.36	1.35	14.44	0.76	22.98	0.74	30	4
Nitrogen, nitrite plus nitrate, dissolved (mg/L as N)	8.36	1.35	14.44	0.76	22.98	0.74	30	4
Nitrogen, nitrate, total (mg/L as N)	3.62	1.35	8.37	0.77	2.11	0.16	37	29
Nitrogen, nitrate, dissolved (mg/L as N)	0.42	0.42	0.46	--	--	0.09	0.74	2

Table 46. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 121OGLL (Ogallala Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Phosphorus orthophosphate, dissolved (mg/L as P)	0.19	0.02	0.34	0.01	0.52	0.01	0.69	4
Arsenic, total (µg/L)	2.3	2.3	1.1	--	--	1.5	3	2
Arsenic, dissolved (µg/L)	6.8	5.5	6.2	1.5	13.3	1	15	4
Barium, total (µg/L)	135	135	35.4	--	--	110	160	2
Barium, dissolved (µg/L)	--	--	--	--	--	360	360	1
Boron, dissolved (µg/L)	146	80	195.3	40	220	10	760	15
Cadmium, total (µg/L)	1	1	0	--	--	1	1	2
Cadmium, dissolved (µg/L)	--	--	--	--	--	1	1	1
Chromium, total (µg/L)	1.2	1.2	0.3	--	--	1	1.4	2
Chromium, dissolved (µg/L)	--	--	--	--	--	1	1	1
Copper, total (µg/L)	--	--	--	--	--	5	5	1
Iron, total (µg/L)	1,379	40	6,240	20	100	0.1	30,000	23
Iron, dissolved (µg/L)	4.8	3	3.0	3	7.5	3	10	5
Lead, total (µg/L)	6.8	6.8	8.1	--	--	1	12.5	2
Lead, dissolved (µg/L)	--	--	--	--	--	1	1	1
Manganese, total (µg/L)	20	20	0	20	20	20	20	5
Manganese, dissolved (µg/L)	2.8	1	4.0	1	5.5	1	10	5
Mercury, total recoverable (µg/L)	0.27	0.27	0.10	--	--	0.2	0.34	2
Mercury, dissolved (µg/L)	--	--	--	--	--	0.1	0.1	1
Selenium, total (µg/L)	1	1	0	--	--	1	1	2
Selenium, dissolved (µg/L)	1	1	0	1	1	1	1	4
Silver, total (µg/L)	1	1	0	--	--	1	1	2

Table 46. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 121OGLL (Ogallala Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Zinc, total (µg/L)	--	--	--	--	--	16	16	1
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	2.2	2.6	1.4	0.6	3.3	0.6	3.3	3
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	0.708	0.832	0.319	0.345	0.946	0.345	0.946	3
Alpha, gross total as U natural (µg/L)	--	--	--	--	--	1.801	1.801	1
Alpha, gross, dissolved as U natural (µg/L)	3.1	3.6	2.2	0.7	4.9	0.7	4.9	3
Alpha radioactivity, 2 sigma precision estimate, water, dissolved, as nat U (µg/L)	1.02	1.15	0.42	0.55	1.35	0.55	1.35	3
Gross beta, dissolved (pCi/L as Cs-137)	9.3	9.7	3.9	5.2	13	5.2	13	3
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	1.89	2.07	0.38	1.45	2.15	1.45	2.15	3
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	6.8	7	2.8	4	9.5	4	9.5	3
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Sr-90/Y-90 (pCi/L)	1.214	1.2	0.349	0.872	1.57	0.872	1.57	3
Organic Constituents								
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	134.7	140	30.4	102	162	102	162	3
Alachlor, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Ametryne, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Atrazine, water, unfiltered, recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Cyanazine, total (µg/L)	--	--	--	--	--	0.1	0.1	1
2,4-D, total (µg/L)	--	--	--	--	--	0.01	0.01	1
2, 4-DP, total (µg/L)	--	--	--	--	--	0.01	0.01	1

Table 46. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 121OGLL (Ogallala Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents—Continued								
Dicamba, total (µg/L)	--	--	--	--	--	0.01	0.01	1
Metolachlor, water, whole, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Metribuzin, water, whole, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Picloram, water, unfiltered, recoverable (µg/L)	--	--	--	--	--	0.01	0.01	1
Prometone, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Prometryne, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Propazine, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Silvex, total (µg/L)	--	--	--	--	--	0.01	0.01	1
Simazine, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Simetryne, total (µg/L)	--	--	--	--	--	0.1	0.1	1
2,4,5-T, total (µg/L)	--	--	--	--	--	0.01	0.01	1
Trifluralin, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1

Table 47. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 122ARKR (Arikaree Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, milliliters; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents								
Flow rate instantaneous (gallons/minute)	0.90	0.9	0.24	0.66	1.13	0.66	1.13	3
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,400	3,530	15
Depth of well, total (feet)	--	--	--	--	--	40	565	74
Specific conductance, µS/cm at 25 deg C	420.8	405	149.5	345.5	491.5	138	1,140	89
pH, water, whole, field (standard units)	--	--	--	--	--	6.87	8.5	127
Temperature, air (deg C)	14	9.5	12.0	2.5	25.5	1	33	17
Water temperature (deg C)	14.8	14.1	3.2	13.0	16.3	9.4	25	34
Turbidity (NTU)	5.1	0.5	13.3	0.2	0.7	0.2	38	8
Barometric pressure (mm of Hg)	--	--	--	--	--	679	785	17
Oxygen, dissolved (mg/L)	5.13	6.23	3.38	0.65	8.14	0.06	9.23	15
Oxygen, dissolved (percent of saturation)	52.09	63.59	34.36	7.36	83.69	0.63	92.97	15
Oxidation reduction potential (millivolts)	239.7	246	44.4	203.3	265.8	152	300	12
Hardness, total (mg/L as $CaCO_3$)	145.46	154.45	76.48	94.77	174.56	9.98	548.57	127
Noncarbonate hardness, water, whole, total, field (mg/L as $CaCO_3$)	101.4	34	135.4	13	160	10	382	7
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	177.1	168	39.6	144.5	205	100	252	17
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	183.5	182	35.5	153	208	109	254	23
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	174.8	180	52.2	147.5	206.8	1	272	36
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	175	168	38.4	143	203	97	245	17
Fecal coliform .7 µm-mf (colonies/100 mL)	--	--	--	--	--	1	1	1
Calcium, dissolved (mg/L)	43.7	47	21.2	30	52.2	3.6	150	130

Table 47. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 122ARKR (Arikaree Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, milliliters; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Magnesium, dissolved (mg/L)	8.4	8.8	8.3	4.0	10.1	0.19	70	125
Sodium, dissolved (mg/L)	34.3	20	30.4	14.2	50.9	3	130	128
Sodium (percent)	28.51	19.70	22.80	14.73	35.88	2	91.64	125
Sodium adsorption ratio	1.769	0.672	2.735	0.501	1.805	0.142	13.259	124
Potassium, dissolved (mg/L)	11.0	10	5.6	8.6	12	4	60	126
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	213.5	224.5	53.7	205	241.8	1.32	317	93
Bicarbonate, incremental titration, lab (mg/L as HCO_3)	253.3	246	51.1	212	290	195	342	7
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	213.9	205	48.0	173.5	242.5	122	308	17
Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	9.8	10	6.5	3.9	15.3	0.6	19	6
Carbonate, water, dissolved, incremental titration, field (mg/L as CO_3)	7.5	7.5	0.7	--	--	7	8	2
Sulfate, dissolved (mg/L)	29.1	23	27.7	12	32	1	201	127
Chloride, dissolved (mg/L)	7.0	4	12.4	2.5	6.8	0.4	109	128
Fluoride, dissolved (mg/L)	0.5	0.4	0.5	0.3	0.5	0.03	3.1	63
Silica, dissolved (mg/L)	66.2	67	10.2	62.3	71	22	80	32
Solids, sum of constituents, dissolved (mg/L)	257.51	240.34	92.36	213.00	302.32	70.44	758.41	117
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	315.3	305.5	92.5	272.5	330.5	144	934	78
Solids, dissolved (tons per acre-foot)	0.391	0.397	0.136	0.323	0.443	0.096	1.27	117
Nitrogen ammonia, dissolved (mg/L as N)	0.038	0.01	0.072	0.002	0.02	0.002	0.245	11
Nitrogen, nitrite, total (mg/L as N)	0.01	0.01	0	0.01	0.01	0.01	0.01	9
Nitrogen, nitrite, dissolved (mg/L as N)	0.013	0.01	0.020	0.001	0.01	0.001	0.07	11

Table 47. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 122ARKR (Arikaree Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, milliliters; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Nitrogen nitrite plus nitrate, total (mg/L as N)	1.3	1.3	0.8	0.6	1.6	0.4	3.3	12
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	1.17	1.2	0.831	0.53	1.55	0.005	3.3	13
Nitrogen nitrate, total (mg/L as N)	1.2	0.9	0.8	0.6	1.6	0.1	4	64
Nitrogen nitrate, dissolved (mg/L as N)	3.18	1.16	5.67	0.44	2.90	0.14	17	8
Phosphorus orthophosphate, dissolved (mg/L as P)	0.65	0.05	1.69	0.01	0.41	0.007	5.7	11
Aluminum, dissolved (µg/L)	5	5	0	--	--	5	5	2
Arsenic, total (µg/L)	8.2	8.2	1.4	--	--	7.2	9.2	2
Arsenic, dissolved (µg/L)	23.3	10	33.1	6	20.5	2	110	24
Barium, total (µg/L)	81.5	81.5	9.2	--	--	75	88	2
Barium, dissolved (µg/L)	--	--	--	--	--	140	140	1
Boron, dissolved (µg/L)	107.1	60	103.1	40	150	0.16	400	31
Cadmium, total (µg/L)	1.5	1.5	0.7	--	--	1	2	2
Cadmium, dissolved (µg/L)	1	1	0	1	1	1	1	14
Chromium, total (µg/L)	2.2	2.2	1.6	--	--	1	3.3	2
Chromium, dissolved (µg/L)	1.1	1	0.3	1	1.0	1	2	14
Copper, total (µg/L)	0.052	0.034	0.049	0.015	0.107	0.015	0.107	3
Copper, dissolved (µg/L)	3.9	1	4.9	1	5.3	1	17	14
Iron, total (µg/L)	1,833	100	10,559	40	245	0.001	74,000	49
Iron, dissolved (µg/L)	21.0	10	29.5	3	31	3	130	23
Lead, total (µg/L)	1	1	0	--	--	1	1	2
Lead, dissolved (µg/L)	1.1	1	0.3	1	1	1	2	14
Manganese, total (µg/L)	535	20	2,053	20	50	20	9,000	19
Manganese, dissolved (µg/L)	20.6	8	48.9	1	14	1	230	23
Mercury, total recoverable (µg/L)	1.1	1.1	1.3	--	--	0.2	2	2

Table 47. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 122ARKR (Arikaree Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, milliliters; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Mercury, dissolved (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	14
Molybdenum, dissolved (µg/L)	2.0	1.3	1.2	1	3.4	1	3.9	10
Selenium, total (µg/L)	1.1	1.1	0.1	--	--	1	1.1	2
Selenium, dissolved (µg/L)	2.5	1	4.0	1	2	1	20	23
Silver, total (µg/L)	6	6	7.1	--	--	1	11	2
Vanadium, dissolved (µg/L)	25.7	12	44.0	7.5	16.5	6	150	10
Zinc, total (µg/L)	0.255	0.07	0.342	0.046	0.65	0.046	0.65	3
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	4.7	4.4	2.2	3	6.6	2	7.5	7
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	1.1	1.0	0.4	0.8	1.5	0.7	1.5	7
Alpha, gross, total as U natural (µg/L)	--	--	--	--	--	1.051	1.051	1
Alpha, gross, dissolved as U natural (µg/L)	7.76	9.2	3.2	4.6	10.2	2.8	11	5
Alpha radioactivity, 2 sigma precision estimate, water, dissolved, as nat U (µg/L)	1.74	2.01	0.47	1.28	2.08	1.02	2.13	5
Gross beta, dissolved (pCi/L as Cs-137)	12.8	12	3.1	11	14	9.8	19	7
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	2.55	2.3	0.57	2.05	3.24	1.99	3.3	7
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	10.3	9.3	2.3	8.6	12.5	8.3	14	5
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Sr-90/Y-90 (pCi/L)	1.70	1.6	0.25	1.52	1.93	1.49	2.12	5
Radium 226, dissolved, planchet count (pCi/L)	--	--	--	--	--	0.225	0.225	1
Uranium, natural, water, dissolved (µg/L)	4.7	5.0	2.0	2.9	6.4	1.4	7.8	10
Uranium, natural, 2 sigma precision estimate, water, dissolved (µg/L)	0.108	0.111	0.047	0.066	0.144	0.032	0.183	10

Table 47. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 122ARKR (Arikaree Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, milliliters; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Organic Constituents								
Alachlor, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Ametryne, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Atrazine, water, unfiltered, recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Cyanazine, total (µg/L)	--	--	--	--	--	0.1	0.1	1
2,4-D, total (µg/L)	--	--	--	--	--	0.04	0.04	1
2, 4-DP, total (µg/L)	--	--	--	--	--	0.01	0.01	1
Dicamba, total (µg/L)	--	--	--	--	--	0.01	0.01	1
Metolachlor, water, whole, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Metribuzin, water, whole, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1
Picloram, water, unfiltered, recoverable (µg/L)	--	--	--	--	--	0.01	0.01	1
Prometone, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Prometryne, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Propazine, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Silvex, total (µg/L)	--	--	--	--	--	0.01	0.01	1
Simazine, total (µg/L)	--	--	--	--	--	0.1	0.1	1
Simetryne, total (µg/L)	--	--	--	--	--	0.1	0.1	1
2,4,5-T, total (µg/L)	--	--	--	--	--	0.01	0.01	1
Trifluralin, total recoverable (µg/L)	--	--	--	--	--	0.1	0.1	1

Table 48. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 122MOCN (Miocene Series) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; NO_3, nitrate, --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Depth of well, total (feet)	--	--	--	--	--	123	200	2
Specific conductance, µS/cm at 25 deg C	499.5	499.5	154.9	--	--	390	609	2
pH, water, whole, field (standard units)	--	--	--	--	--	7.5	8.1	2
Water temperature (deg C)	12.5	12.5	2.0	--	--	11.1	13.9	2
Hardness, total (mg/L as $CaCO_3$)	126.76	126.76	71.71	--	--	76.06	177.47	2
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	215.5	215.5	48.8	--	--	181	250	2
Calcium, dissolved (mg/L)	43.5	43.5	24.7	--	--	26	61	2
Magnesium, dissolved (mg/L)	4.4	4.4	2.4	--	--	2.7	6.1	2
Sodium, dissolved (mg/L)	61.5	61.5	70.0	--	--	12	111	2
Sodium (percent)	42.67	42.67	42.66	--	--	12.50	72.83	2
Sodium adsorption ratio	2.966	2.966	3.639	--	--	0.392	5.539	2
Potassium, dissolved (mg/L)	7.6	7.6	4.8	--	--	4.2	11	2
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	264	264	58.0	--	--	223	305	2
Sulfate, dissolved (mg/L)	41.5	41.5	44.5	--	--	10	73	2
Chloride, dissolved (mg/L)	5.7	5.7	2.1	--	--	4.2	7.1	2
Fluoride, dissolved (mg/L)	0.5	0.5	0.1	--	--	0.4	0.5	2
Silica, dissolved (mg/L)	67	67	4.2	--	--	64	70	2
Solids, sum of constituents, dissolved (mg/L)	361.53	361.53	123.11	--	--	274.48	448.58	2
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	373.5	373.5	106.8	--	--	298	449	2
Solids, dissolved (tons per acre-foot)	0.508	0.508	0.146	--	--	0.405	0.611	2
Nitrogen, nitrate, dissolved (mg/L as NO_3)	1	1	0.6	--	--	0.6	1.4	2
Boron, dissolved (µg/L)	120	120	127.3	--	--	30	210	2
Iron (µg/L)	20	20	0	--	--	20	20	2
Manganese (µg/L)	175	175	77.8	--	--	120	230	2

Table 49. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 123CRDN (Chadron Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,622	2,622	1
Specific conductance, µS/cm at 25 deg C	--	--	--	--	--	1,672	1,672	1
pH, water, whole, field (standard units)	--	--	--	--	--	7.66	7.66	1
Temperature, air (deg C)	--	--	--	--	--	23	23	1
Water temperature (deg C)	--	--	--	--	--	20.3	20.3	1
Barometric pressure (mm of Hg)	--	--	--	--	--	696	696	1
Oxygen, dissolved (mg/L)	--	--	--	--	--	0.1	0.1	1
Oxygen, dissolved (percent of saturation)	--	--	--	--	--	1.22	1.22	1
Oxidation reduction potential (millivolts)	--	--	--	--	--	-65,429	-65,429	1
Hardness, total (mg/L as $CaCO_3$)	--	--	--	--	--	27.45	27.45	1
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	428	428	1
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	--	--	--	--	--	414	414	1
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	421	421	1
Calcium, dissolved (mg/L)	--	--	--	--	--	10	10	1
Magnesium, dissolved (mg/L)	--	--	--	--	--	0.6	0.6	1
Sodium, dissolved (mg/L)	--	--	--	--	--	350	350	1
Sodium (percent)	--	--	--	--	--	94.83	94.83	1
Sodium adsorption ratio	--	--	--	--	--	29.076	29.076	1
Potassium, dissolved (mg/L)	--	--	--	--	--	11	11	1
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	--	--	--	--	--	523	523	1
Sulfate, dissolved (mg/L)	--	--	--	--	--	0.1	0.1	1
Chloride, dissolved (mg/L)	--	--	--	--	--	300	300	1

Table 49. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 123CRDN (Chadron Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Fluoride, dissolved (mg/L)	--	--	--	--	--	1.4	1.4	1
Silica, dissolved (mg/L)	--	--	--	--	--	16	16	1
Solids, sum of constituents, dissolved (mg/L)	--	--	--	--	--	949.09	949.09	1
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	--	--	--	--	--	952	952	1
Solids, dissolved (tons per acre-foot)	--	--	--	--	--	1.295	1.295	1
Nitrogen ammonia, dissolved (mg/L as N)	--	--	--	--	--	0.45	0.45	1
Nitrogen, nitrite, dissolved (mg/L as N)	--	--	--	--	--	0.01	0.01	1
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	--	--	--	--	--	0.05	0.05	1
Phosphorus orthophosphate, dissolved (mg/L as P)	--	--	--	--	--	0.03	0.03	1
Aluminum, dissolved (µg/L)	--	--	--	--	--	5	5	1
Arsenic, dissolved (µg/L)	--	--	--	--	--	1	1	1
Boron, dissolved (µg/L)	--	--	--	--	--	2,120	2,120	1
Iron, dissolved (µg/L)	--	--	--	--	--	18	18	1
Manganese, dissolved (µg/L)	--	--	--	--	--	19	19	1
Selenium, dissolved (µg/L)	--	--	--	--	--	1	1	1
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	--	--	--	--	--	6.1	6.1	1
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	--	--	--	--	--	1.2	1.2	1
Gross beta, dissolved (pCi/L as Cs-137)	--	--	--	--	--	26	26	1
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	--	--	--	--	--	9.09	9.09	1

Table 50. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 123WRVR (White River Group or Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Flow rate instantaneous (gallons/minute)	--	--	--	--	--	0.85	0.85	1
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,587	2,600	2
Depth of well, total (feet)	--	--	--	--	--	105	105	1
Specific conductance, µS/cm at 25 deg C	824.4	795	349.3	517	1008.5	431	1,518	8
pH, water, whole, field (standard units)	--	--	--	--	--	6.8	8	8
Temperature, air (deg C)	21.3	21.3	1.1	--	--	20.5	22	2
Water temperature (deg C)	15.8	16	2.2	13.4	17.3	12.8	19.1	7
Turbidity (NTU)	5.9	0.4	9.6	0.4	17	0.4	17	3
Barometric pressure (mm of Hg)	--	--	--	--	--	694	766	2
Oxygen, dissolved (mg/L)	4.93	4.93	6.89	--	--	0.05	9.8	2
Oxygen, dissolved (percent of saturation)	51.94	51.94	72.72	--	--	0.52	103.36	2
Oxidation reduction potential (millivolts)	--	--	--	--	--	98	98	1
Hardness, total (mg/L as $CaCO_3$)	127.01	116.17	89.94	55.92	194.88	24.00	268.98	6
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	268	268	164.0	--	--	152	384	2
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	338.3	305.5	197.0	168	541.3	153	589	4
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	212	212	48.1	--	--	178	246	2
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	268	268	164.0	--	--	152	384	2
Calcium, dissolved (mg/L)	44.5	41.5	31.8	18.7	67.3	8.9	95	6
Magnesium, dissolved (mg/L)	3.9	4.0	2.8	0.9	6.5	0.43	7.7	6
Sodium, dissolved (mg/L)	127.8	104	106.6	57.5	182.3	29	330	6
Sodium (percent)	60.39	57.0	24.40	43.50	82.31	25.54	95.39	6

Table 50. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 123WRVR (White River Group or Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Sodium adsorption ratio	7.825	3.446	10.717	2.252	12.651	0.968	29.317	6
Potassium, dissolved (mg/L)	9.7	9.5	1.6	8.3	11.3	8	12	6
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	258.5	258.5	58.7	--	--	217	300	2
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	327	327	200.8	--	--	185	469	2
Sulfate, dissolved (mg/L)	44.8	17.5	63.1	12.3	77.8	1	170	6
Chloride, dissolved (mg/L)	45.8	10	90.3	6.1	67.3	5.9	230	6
Fluoride, dissolved (mg/L)	0.5	0.3	0.7	0.1	1	0.1	1.7	5
Silica, dissolved (mg/L)	45.8	48	17.2	32.5	58	17	63	5
Solids, sum of constituents, dissolved (mg/L)	466.19	375.55	226.62	307.36	670.35	292.28	847.75	5
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	527.8	502	240.0	303.5	765	299	856	5
Solids, dissolved (tons per acre-foot)	0.637	0.511	0.315	0.413	0.924	0.407	1.164	5
Nitrogen, ammonia, dissolved (mg/L as N)	0.11	0.02	0.14	0.01	0.26	0.01	0.28	5
Nitrogen, nitrite, dissolved (mg/L as N)	0.009	0.01	0.001	0.009	0.01	0.007	0.01	5
Nitrogen, nitrite plus nitrate, total (mg/L as N)	4.9	4.4	2.4	2.8	7.6	2.8	7.6	3
Nitrogen, nitrite plus nitrate, dissolved (mg/L as N)	2.98	2.8	3.18	0.05	6	0.005	7.6	5
Nitrogen, nitrate, total (mg/L as N)	4.7	4.3	2.0	3.1	6.8	2.8	7.6	4
Phosphorus, orthophosphate, dissolved (mg/L as P)	0.184	0.14	0.146	0.061	0.33	0.041	0.4	5
Aluminum, dissolved (µg/L)	--	--	--	--	--	5	5	1
Arsenic, dissolved (µg/L)	7.3	9	3.8	3	10	3	10	3
Barium, dissolved (µg/L)	--	--	--	--	--	270	270	1
Boron, dissolved (µg/L)	603	136	1,000	53.1	1,620	40	2100	4
Cadmium, dissolved (µg/L)	--	--	--	--	--	1	1	1

Table 50. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 123WRVR (White River Group or Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Chromium, dissolved (µg/L)	--	--	--	--	--	2	2	1
Iron, total (µg/L)	--	--	--	--	--	110	110	1
Iron, dissolved (µg/L)	31.7	3	49.7	3	89	3	89	3
Lead, dissolved (µg/L)	--	--	--	--	--	1	1	1
Manganese, dissolved (µg/L)	3.7	1	4.6	1	9	1	9	3
Mercury, dissolved (µg/L)	--	--	--	--	--	0.1	0.1	1
Selenium, dissolved (µg/L)	3.3	4	2.1	1	5	1	5	3
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	3.3	3.3	2.8	--	--	1.3	5.3	2
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	1.036	1.036	0.134	--	--	0.941	1.13	2
Alpha, gross, dissolved as U natural (µg/L)	--	--	--	--	--	1.8	1.8	1
Alpha radioactivity, 2 sigma precision estimate, water, dissolved, as nat U (µg/L)	--	--	--	--	--	1.36	1.36	1
Gross beta, dissolved (pCi/L as Cs-137)	14.5	14.5	4.9	--	--	11	18	2
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	3.96	3.96	1.48	--	--	2.91	5.01	2
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Sr-90/Y-90 (pCi/L)	--	--	--	--	--	2.17	2.17	1
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	--	--	--	--	--	7.8	7.8	1

Table 51. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 211DKOT (Dakota Sandstone or Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,095	2,095	1
Depth of well, total (feet)	--	--	--	--	--	1,992	1,992	1
Specific conductance, µS/cm at 25 deg C	--	--	--	--	--	2,670	2,670	1
pH, water, whole, field (standard units)	--	--	--	--	--	8.2	8.2	1
Hardness, total (mg/L as $CaCO_3$)	--	--	--	--	--	29.87	29.87	1
Calcium, dissolved (mg/L)	--	--	--	--	--	8	8	1
Magnesium, dissolved (mg/L)	--	--	--	--	--	2.4	2.4	1
Sodium, dissolved (mg/L)	--	--	--	--	--	690	690	1
Sodium (percent)	--	--	--	--	--	97.4	97.4	1
Sodium adsorption ratio	--	--	--	--	--	54.951	54.951	1
Potassium, dissolved (mg/L)	--	--	--	--	--	8	8	1
Sulfate, dissolved (mg/L)	--	--	--	--	--	550	550	1
Chloride, dissolved (mg/L)	--	--	--	--	--	104	104	1
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	--	--	--	--	--	1,766	1,766	1

Table 52. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 211PIRR (Pierre Shale) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Specific conductance, µS/cm at 25 deg C	1,215.5	1,215.5	128.0	--	--	1125	1306	2
pH, water, whole, field (standard units)	--	--	--	--	--	7.05	7.24	2
Water temperature (deg C)	15	15	0.7	--	--	14.5	15.5	2
Turbidity (NTU)	0.5	0.5	0.1	--	--	0.4	0.6	2
Hardness, total (mg/L as $CaCO_3$)	326.97	347.85	80.23	238.36	394.69	238.36	394.69	3
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	348	348	25.5	--	--	330	366	2
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	272	272	1
Calcium, dissolved (mg/L)	102.3	103	28.0	74	130	74	130	3
Magnesium, dissolved (mg/L)	17.3	17	4.5	13	22	13	22	3
Sodium, dissolved (mg/L)	163.7	200	62.9	91	200	91	200	3
Sodium (percent)	48.05	48.05	21.79	--	--	32.65	63.46	2
Sodium adsorption ratio	4.100	4.667	1.887	1.994	5.638	1.994	5.638	3
Potassium, dissolved (mg/L)	10.4	10.4	0.9	--	--	9.7	11	2
Sulfate, dissolved (mg/L)	330	330	130	200	460	200	460	3
Chloride, dissolved (mg/L)	19.5	23	10.7	7.5	28	7.5	28	3
Fluoride, dissolved (mg/L)	0.3	0.4	0.1	0.2	0.4	0.2	0.4	3
Silica, dissolved (mg/L)	32	32	7.1	--	--	27	37	2
Solids, sum of constituents, dissolved (mg/L)	805.81	805.81	81.92	--	--	747.89	863.74	2
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	870.7	872	144.0	726	1014	726	1,014	3
Solids, dissolved (tons per acre-foot)	1.087	1.087	0.141	--	--	0.987	1.186	2
Nitrogen ammonia, dissolved (mg/L as N)	--	--	--	--	--	0.01	0.01	1

Table 52. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 211PIRR (Pierre Shale) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Nitrogen, nitrite, dissolved (mg/L as N)	--	--	--	--	--	0.01	0.01	1
Nitrogen nitrite plus nitrate, total (mg/L as N)	2.7	2.7	2.3	--	--	1	4.3	2
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	2.7	2.7	2.3	--	--	1	4.3	2
Nitrogen nitrate, total (mg/L as N)	2	1	2.0	0.7	4.3	0.7	4.3	3
Phosphorus orthophosphate, dissolved (mg/L as P)	--	--	--	--	--	0.01	0.01	1

Table 53. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 217NCSL (Newcastle Sandstone) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; U, uranium; Cs, cesium; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Specific conductance, µS/cm at 25 deg C	--	--	--	--	--	2,420	2,420	1
pH, water, whole, field (standard units)	--	--	--	--	--	6.7	6.7	1
Water temperature (deg C)	--	--	--	--	--	35.2	35.2	1
Hardness, total (mg/L as $CaCO_3$)	--	--	--	--	--	1,221.63	1,221.63	1
Noncarbonate hardness, water, whole, total, field (mg/L as $CaCO_3$)	--	--	--	--	--	1100	1,100	1
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	--	--	--	--	--	130	130	1
Calcium, dissolved (mg/L)	--	--	--	--	--	370	370	1
Magnesium, dissolved (mg/L)	--	--	--	--	--	70	70	1
Sodium, dissolved (mg/L)	--	--	--	--	--	90	90	1
Sodium (percent)	--	--	--	--	--	13.70	13.70	1
Sodium adsorption ratio	--	--	--	--	--	1.125	1.125	1
Sodium plus potassium, dissolved (mg/L)	--	--	--	--	--	110	110	1
Potassium, dissolved (mg/L)	--	--	--	--	--	17	17	1
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	--	--	--	--	--	159	159	1
Sulfate, dissolved (mg/L)	--	--	--	--	--	1,100	1,100	1
Chloride, dissolved (mg/L)	--	--	--	--	--	160	160	1
Fluoride, dissolved (mg/L)	--	--	--	--	--	2.7	2.7	1
Silica, dissolved (mg/L)	--	--	--	--	--	19	19	1
Solids, sum of constituents, dissolved (mg/L)	--	--	--	--	--	1,919.61	1,919.61	1
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	--	--	--	--	--	1,990	1,990	1
Solids, dissolved (tons per acre-foot)	--	--	--	--	--	2.706	2.706	1
Nitrogen, total (mg/L as N)	--	--	--	--	--	0.24	0.24	1
Nitrogen, ammonia, total (mg/L as N)	--	--	--	--	--	0.43	0.43	1
Nitrogen, ammonia plus organic, total (mg/L as N)	--	--	--	--	--	0.23	0.23	1

Table 53. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 217NCSL (Newcastle Sandstone) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; U, uranium; Cs, cesium; NH_4, ammonia; NO_3, nitrate; Sr, strontium; Y, yttrium; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Nitrogen, nitrite, total (mg/L as N)	--	--	--	--	--	0.02	0.02	1
Nitrogen, nitrite plus nitrate, total (mg/L as N)	--	--	--	--	--	0.01	0.01	1
Phosphorus, dissolved (mg/L)	--	--	--	--	--	0.01	0.01	1
Aluminum, dissolved (µg/L)	--	--	--	--	--	100	100	1
Arsenic, dissolved (µg/L)	--	--	--	--	--	3	3	1
Barium, dissolved (µg/L)	--	--	--	--	--	100	100	1
Boron, dissolved (µg/L)	--	--	--	--	--	150	150	1
Chromium, dissolved (µg/L)	--	--	--	--	--	20	20	1
Iron, dissolved (µg/L)	--	--	--	--	--	3,300	3,300	1
Iodide, dissolved (mg/L)	--	--	--	--	--	0.01	0.01	1
Lithium, dissolved (µg/L)	--	--	--	--	--	100	100	1
Manganese, dissolved (µg/L)	--	--	--	--	--	110	110	1
Mercury, dissolved (µg/L)	--	--	--	--	--	0.1	0.1	1
Molybdenum, dissolved (µg/L)	--	--	--	--	--	2	2	1
Selenium, dissolved (µg/L)	--	--	--	--	--	1	1	1
Strontium, dissolved (µg/L)	--	--	--	--	--	8,100	8,100	1
Vanadium, dissolved (µg/L)	--	--	--	--	--	4	4	1
Alpha, gross, dissolved as U natural (µg/L)	--	--	--	--	--	40	40	1
Gross alpha radioactivity, suspended, total (µg/L as U natural)	--	--	--	--	--	2.2	2.2	1
Gross beta, dissolved (pCi/L as Cs-137)	--	--	--	--	--	37	37	1
Gross beta, suspended (pCi/L as Cs-137)	--	--	--	--	--	1.2	1.2	1
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	--	--	--	--	--	34	34	1
Gross beta radioactivity, suspended, total (pCi/L as Sr/Y-90)	--	--	--	--	--	1.2	1.2	1
Radium 226, dissolved, radon method (pCi/L)	--	--	--	--	--	2.2	2.2	1

Table 54. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 310MNLS (Minnelusa Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; NO_3, nitrate; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,100	2,100	1
Depth of well, total (feet)	--	--	--	--	--	2,380	2,380	1
Specific conductance, µS/cm at 25 deg C	--	--	--	--	--	2,480	2,480	1
pH, water, whole, field (standard units)	--	---	--	--	--	7.2	7.2	1
Water temperature (deg C)	--	--	--	--	--	60	60	1
Hardness, total (mg/L as $CaCO_3$)	--	--	--	--	--	1,242.17	1,242.17	1
Noncarbonate hardness, water, whole, total, field (mg/L as $CaCO_3$)	--	--	--	--	--	1,130	1,130	1
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	--	---	--	--	--	108	108	1
Calcium, dissolved (mg/L)	--	--	--	--	--	344	344	1
Magnesium, dissolved (mg/L)	--	--	--	--	--	93	93	1
Sodium, dissolved (mg/L)	--	--	--	--	--	131	131	1
Sodium (percent)	--	---	--	--	--	18.37	18.37	1
Sodium adsorption ratio	--	--	--	--	--	1.618	1.618	1
Potassium, dissolved (mg/L)	--	--	--	--	--	20	20	1
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	--	--	--	--	--	132	132	1
Sulfate, dissolved (mg/L)	--	---	--	--	--	1,090	1,090	1
Chloride, dissolved (mg/L)	--	--	--	--	--	184	184	1
Fluoride, dissolved (mg/L)	--	--	--	--	--	2.8	2.8	1
Silica, dissolved (mg/L)	--	--	--	--	--	32	32	1
Solids, sum of constituents, dissolved (mg/L)	--	---	--	--	--	1,963.78	1,963.78	1
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	--	--	--	--	--	2,140	2,140	1

Table 54. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the 310MNLS (Minnelusa Formation) geologic unit in the Little White River Basin, South Dakota and Nebraska—Continued

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; N, nitrogen; NO_3, nitrate; NGVD, National Geodetic Vertical Datum; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Solids, dissolved (tons per acre-foot)	--	--	--	--	--	2.91	2.91	1
Nitrogen nitrate, dissolved (mg/L as N)	--	--	--	--	--	0.09	0.09	1
Boron, dissolved (µg/L)	--	---	--	--	--	210	210	1
Iron, dissolved (µg/L)	--	--	--	--	--	1,200	1,200	1
Manganese, dissolved (µg/L)	--	--	--	--	--	270	270	1

Table 55. Summary of daily ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for two sites in the High Plains aquifer in South Dakota

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430027102311801	January	42.92	0.07	42.78	43.08	155
	February	42.92	.07	42.79	43.05	141
	March	42.91	.07	42.74	43.09	155
	April	42.91	.08	42.76	43.06	150
	May	42.91	.08	42.75	43.07	155
	June	42.92	.08	42.75	43.05	172
	July	42.92	.08	42.73	43.04	186
	August	42.91	.08	42.71	43.07	186
	September	42.91	.09	42.71	43.09	180
	October	42.93	.07	42.80	43.08	155
	November	42.93	.06	42.80	43.05	150
	December	42.93	.07	42.79	43.13	155
430027102311806	January	36.90	.48	35.96	38.03	216
	February	36.92	.47	36.05	37.86	192
	March	36.90	.59	35.97	38.50	202
	April	36.77	.46	35.94	37.94	189
	May	36.85	.58	35.96	38.47	203
	June	36.85	.43	36.01	37.68	232
	July	36.97	.32	36.38	37.70	237
	August	37.03	.30	36.59	37.71	217
	September	37.07	.31	36.55	37.69	210
	October	36.99	.38	36.25	37.80	246
	November	37.02	.61	36.18	39.14	239
	December	36.91	.63	35.95	38.99	236

Table 56. *Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota*

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
425956101134501	January	--	--	6.59	6.59	1
	September	8.12	1.25	7.24	9.00	2
	October	--	--	8.92	8.92	1
	November	--	--	7.13	7.13	1
425956101134502	September	--	--	7.75	7.75	1
	October	--	--	9.52	9.52	1
425956101134503	January	--	--	7.10	7.10	1
	September	7.91	.08	7.85	7.96	2
	October	--	--	9.46	9.46	1
	November	--	--	7.56	7.56	1
425956101424101	January	--	--	6.50	6.50	1
	March	6.20	.65	5.20	7.10	7
	April	5.61	.87	3.50	6.70	14
	May	5.63	.60	4.70	6.60	14
	June	5.70	.60	4.20	6.70	21
	July	5.80	.66	4.10	6.80	15
	August	5.69	.63	4.10	6.60	20
	September	6.12	.50	5.40	6.80	9
	October	5.81	.41	5.20	6.60	12
	November	6.15	.54	5.30	6.80	8
	December	5.87	.76	5.10	6.80	6
425957100445302	May	--	--	81.18	81.18	1
	October	--	--	83.05	83.05	1
425957100445601	January	--	--	85.60	85.60	1
	February	86.00	1.27	85.10	86.90	2
	March	85.65	.47	85.00	86.70	10
	April	85.76	.79	84.70	87.30	18
	May	85.86	.94	84.60	87.50	16
	June	85.83	.91	84.80	87.40	16
	July	85.96	.78	84.80	87.60	22
	August	86.00	.97	84.60	87.70	23
	September	86.00	1.04	84.70	87.50	11
	October	85.89	.91	84.70	87.80	12
	November	86.03	.80	84.70	87.40	17
	December	86.47	.89	85.10	87.70	7
430002100174801	October	--	--	5.07	5.07	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430003100174802	June	--	--	3.22	3.22	1
	October	--	--	4.22	4.22	1
430023100115602	August	--	--	8.00	8.00	1
	October	--	--	10.01	10.01	1
430027102311801	January	--	--	43.10	43.10	1
	February	--	--	42.95	42.95	1
	March	--	--	42.95	42.95	1
	April	--	--	42.83	42.83	1
	May	42.88	0.04	42.85	42.93	3
	June	43.22	.16	43.08	43.41	4
	July	43.02	.08	42.94	43.09	3
	September	43.40	.39	43.00	43.77	3
	October	43.66	.38	43.30	44.30	9
	December	--	--	42.05	42.05	1
430027102311806	January	37.07	.51	36.67	37.65	3
	February	37.02	.37	36.76	37.28	2
	March	36.92	.24	36.75	37.09	2
	April	--	--	37.07	37.07	1
	May	36.85	.08	36.81	36.94	3
	June	37.19	.12	37.09	37.35	4
	July	37.03	.10	36.95	37.15	3
	August	--	--	36.94	36.94	1
	September	--	--	36.93	36.93	1
	October	38.57	1.00	36.92	39.54	8
	November	--	--	36.96	36.96	1
	December	--	--	38.33	38.33	1
430055100362702	January	--	--	12.09	12.09	1
	August	--	--	11.53	11.53	1
	October	11.30	.26	11.12	11.48	2
	November	--	--	12.18	12.18	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430055101440002	March	24.18	0.96	23.00	25.10	4
	April	23.42	.90	22.40	24.80	6
	May	23.69	1.30	22.00	25.30	8
	June	23.78	1.14	22.40	25.60	11
	July	24.51	1.32	22.80	26.30	8
	August	24.39	.97	22.80	26.00	10
	September	25.60	1.25	24.20	26.80	4
	October	24.50	.92	23.30	25.40	4
	November	25.13	.60	24.70	26.00	4
	December	24.95	1.06	24.20	25.70	2
430120100574901	September	5.09	.98	4.40	5.78	2
	October	--	--	5.76	5.76	1
430126100221901	October	--	--	48.25	48.25	1
430126100222001	May	--	--	45.60	45.60	1
	October	--	--	45.80	45.80	1
430129099201201	February	36.25	4.60	33.00	39.50	2
	March	36.45	3.38	32.60	41.40	8
	April	36.56	3.30	31.70	41.50	11
	May	35.90	2.91	31.50	40.90	14
	June	37.00	3.28	31.50	41.30	17
	July	37.51	2.83	32.90	41.60	12
	August	36.88	3.41	31.40	41.80	21
	September	37.04	3.00	32.50	41.70	9
	October	35.68	3.29	31.40	41.40	8
	November	35.46	3.62	32.00	41.10	5
	December	35.95	4.39	31.00	41.10	4
430148100471001	January	--	--	65.10	65.10	1
	February	65.75	.21	65.60	65.90	2
	March	65.62	.45	64.80	66.50	12
	April	65.66	.45	64.70	66.40	18
	May	65.75	.51	64.90	66.60	17
	June	65.68	.50	64.80	66.40	16
	July	65.73	.41	64.90	66.40	23
	August	65.73	.43	64.80	66.60	24
	September	65.69	.39	65.00	66.40	10
	October	65.84	.79	65.00	67.75	13
	November	66.09	.78	65.10	68.00	18
	December	65.94	.73	65.10	67.10	8

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430150100054601	January	--	--	5.10	5.10	1
	August	--	--	7.97	7.97	1
	October	--	--	9.06	9.06	1
	November	--	--	5.60	5.60	1
430153100521302	October	--	--	22.89	22.89	1
430153100521303	October	--	--	23.33	23.33	1
430153101054902	August	--	--	11.80	11.80	1
	October	--	--	9.92	9.92	1
430154100411801	February	--	--	8.60	8.60	1
	March	11.56	0.75	10.50	12.30	5
	April	11.08	1.35	8.40	12.90	10
	May	10.86	1.29	8.40	12.70	10
	June	10.52	1.13	7.90	11.90	10
	July	11.28	1.15	8.90	12.70	8
	August	11.01	.74	9.70	12.80	12
	September	11.88	.48	11.10	12.60	6
	October	11.64	.90	10.16	13.10	7
	November	12.28	.37	12.00	12.90	5
	December	11.80	.14	11.70	11.90	2
430156100411901	October	--	--	10.28	10.28	1
430159100531001	February	--	--	22.10	22.10	1
	March	23.34	.63	22.60	24.00	5
	April	23.20	.67	22.00	23.90	10
	May	23.30	.63	22.20	24.00	10
	June	23.18	.68	22.00	24.00	10
	July	23.10	.80	22.00	24.10	8
	August	23.02	.66	22.00	24.00	13
	September	23.80	.56	22.70	24.10	6
	October	23.53	.58	22.50	24.10	7
	November	23.52	.77	22.50	24.20	5
	December	22.95	.64	22.50	23.40	2

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430200102130001	March	29.89	0.80	28.60	30.70	7
	April	29.91	.70	28.60	30.70	12
	May	30.03	.58	28.70	30.80	12
	June	29.93	.55	28.70	30.70	15
	July	29.91	.61	29.00	30.80	10
	August	29.97	.57	29.00	30.60	15
	September	30.42	.70	29.30	31.00	6
	October	30.14	.52	29.30	30.70	8
	November	30.34	.56	29.30	31.10	7
	December	--	--	29.90	29.90	1
430224100445701	July	--	--	21.23	21.23	1
430225100445002	July	--	--	17.65	17.65	1
	October	--	--	18.00	18.00	1
430226100445201	February	--	--	16.30	16.30	1
	March	--	--	18.40	18.40	1
	April	17.90	1.23	16.50	18.80	3
	May	18.27	.51	17.70	18.70	3
	June	18.20	.74	17.00	18.80	5
	July	17.90	1.14	16.60	18.70	3
	August	17.98	1.02	16.50	18.80	4
	September	18.65	.21	18.50	18.80	2
	October	18.53	.24	18.36	18.70	2
	November	--	--	18.90	18.90	1
430226100445203	July	--	--	17.21	17.21	1
	October	--	--	19.37	19.37	1
430237100445001	July	--	--	18.16	18.16	1
430245100292701	May	--	--	12.99	12.99	1
	October	--	--	11.96	11.96	1
430245100292801	January	--	--	11.69	11.69	1
	August	--	--	11.58	11.58	1
	October	11.55	.10	11.48	11.62	2
	November	--	--	11.60	11.60	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430256101160001	March	5.50	0.66	5.00	6.60	5
	April	5.59	.85	4.40	7.20	13
	May	5.41	.37	4.80	5.80	9
	June	5.80	.67	4.70	7.60	14
	July	5.99	.45	5.40	6.70	9
	August	6.17	.55	5.60	7.90	15
	September	6.41	.65	6.00	8.00	8
	October	6.05	.55	5.08	6.70	8
	November	6.43	.71	5.80	7.80	6
	December	6.17	1.10	5.30	7.40	3
430258100471401	February	--	--	48.80	48.80	1
	March	49.24	.15	49.00	49.40	5
	April	48.88	.48	48.10	49.60	10
	May	48.92	.51	48.20	49.60	10
	June	48.90	.49	48.20	49.60	10
	July	48.99	.41	48.20	49.50	8
	August	48.88	.45	48.10	49.50	14
	September	48.97	.47	48.20	49.40	6
	October	49.09	.62	48.30	50.22	7
	November	48.86	.44	48.30	49.30	5
	December	48.55	.35	48.30	48.80	2
430302100255101	July	--	--	59.00	59.00	1
430310100245501	February	25.65	4.60	22.40	28.90	2
	March	26.13	.85	25.50	27.80	6
	April	25.56	1.63	22.30	28.90	12
	May	25.49	1.37	23.90	29.20	13
	June	25.65	1.59	22.60	29.40	15
	July	26.43	1.92	22.70	29.60	13
	August	26.08	1.64	23.00	29.60	17
	September	26.77	1.35	25.70	29.70	9
	October	26.11	1.24	23.72	28.40	9
	November	26.67	1.48	25.60	29.60	6
	December	25.60	.36	25.30	26.00	3

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430340101012301	February	7.05	2.76	5.10	9.00	2
	March	6.72	.68	5.90	7.80	6
	April	6.42	.93	5.00	7.90	13
	May	6.42	1.13	4.70	8.60	13
	June	6.60	1.29	3.20	8.70	15
	July	7.31	1.32	4.80	8.90	13
	August	7.66	.88	6.10	9.40	18
	September	8.66	.66	8.10	9.80	8
	October	8.05	.58	6.90	8.70	7
	November	8.27	.61	7.70	9.20	6
	December	7.50	.71	7.00	8.00	2
430415100451401	August	--	--	21.27	21.27	1
430429101320401	February	--	--	5.00	5.00	1
	March	6.69	2.42	4.00	10.90	8
	April	5.18	1.93	2.30	10.90	14
	May	5.79	2.08	3.60	11.40	12
	June	6.83	2.27	2.40	11.70	20
	July	7.79	1.78	4.80	10.90	17
	August	8.94	1.71	4.40	11.20	21
	September	9.32	2.37	6.10	12.80	10
	October	9.17	2.35	6.30	13.70	9
	November	8.64	2.59	4.90	13.50	8
	December	8.78	3.97	3.10	13.00	6
430454100341801	May	--	--	18.00	18.00	1
430520101260401	March	31.37	.94	30.20	32.60	7
	April	31.31	1.05	29.30	33.00	13
	May	31.18	.74	30.30	32.30	10
	June	31.33	.74	30.20	32.70	17
	July	31.49	.87	30.00	32.70	14
	August	31.19	.84	29.80	32.70	17
	September	31.33	.87	30.40	32.60	8
	October	31.21	.56	30.50	32.20	8
	November	31.55	.82	30.60	32.70	6
	December	31.50	.74	31.00	32.60	4

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430521101223401	March	13.90	1.01	12.70	15.30	8
	April	13.72	1.00	12.50	15.30	14
	May	13.69	.89	12.60	15.20	13
	June	13.60	.82	12.40	15.30	20
	July	13.85	1.02	12.30	15.50	17
	August	13.85	.92	12.30	15.50	21
	September	14.01	1.07	12.60	15.60	10
	October	13.96	.85	12.70	15.60	10
	November	14.29	.90	13.20	15.70	8
	December	16.38	4.81	13.50	26.10	6
430522100411902	June	--	--	74.86	74.86	1
	October	--	--	72.95	72.95	1
430524101481601	February	--	--	7.90	7.90	1
	March	6.51	.31	6.00	7.00	7
	April	6.61	.56	5.90	7.70	13
	May	6.64	.79	5.30	7.90	10
	June	7.25	.77	5.90	8.60	16
	July	7.96	.86	6.50	9.40	14
	August	8.28	.67	7.20	9.30	17
	September	8.33	.37	7.90	9.00	7
	October	8.20	.72	7.30	9.00	8
	November	8.27	.34	7.90	8.80	6
	December	7.30	.54	6.60	7.90	4
430600100450801	July	--	--	93.74	93.74	1
430600100454101	December	--	--	73.00	73.00	1
430604100445201	July	--	--	68.48	68.48	1
430604100445302	July	--	--	68.74	68.74	1
	October	--	--	72.33	72.33	1
430604100445401	February	--	--	69.70	69.70	1
	March	69.60	.28	69.40	69.80	2
	April	69.87	.21	69.70	70.10	3
	May	69.53	.45	69.10	70.00	3
	June	69.54	.39	69.10	70.00	5
	July	69.63	.45	69.20	70.10	3
	August	69.83	.17	69.60	70.00	4
	September	69.37	.21	69.20	69.60	3
	October	70.53	1.74	69.30	71.76	2
	November	--	--	69.40	69.40	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430604100445403	July	--	--	68.17	68.17	1
	October	--	--	71.76	71.76	1
430605101135701	January	--	--	-6.59	-6.59	1
	August	--	--	-13.94	-13.94	1
	October	--	--	-18.03	-18.03	1
430605101135702	August	--	--	-14.60	-14.60	1
	October	-6.40	11.88	-14.80	2.00	2
430609100434201	January	--	--	38.00	38.00	1
	February	41.35	2.90	39.30	43.40	2
	March	41.27	2.40	38.70	46.10	9
	April	41.57	1.90	38.70	46.10	15
	May	41.13	2.19	38.10	46.00	17
	June	40.85	2.09	38.00	46.00	21
	July	40.84	1.75	38.40	44.10	17
	August	41.09	2.20	38.10	46.20	25
	September	40.88	1.99	38.00	43.80	13
	October	41.23	2.28	38.10	46.06	12
	November	40.59	1.75	38.30	43.30	9
	December	39.92	1.38	38.10	41.50	6
430610100481701	January	--	--	72.70	72.70	1
	February	--	--	73.20	73.20	1
	March	72.66	.70	71.70	73.60	8
	April	72.57	.70	71.50	73.70	15
	May	72.49	.73	71.50	73.60	17
	June	72.47	.66	71.40	73.60	20
	July	72.54	.58	71.70	73.60	17
	August	72.46	.64	71.40	73.70	25
	September	72.58	.61	71.80	73.60	12
	October	72.90	1.18	71.70	76.30	12
	November	72.66	.48	71.90	73.50	9
	December	72.20	.28	72.00	72.60	5
430613100352901	May	--	--	19.00	19.00	1
430613100445901	August	--	--	59.25	59.25	1
430613100544901	October	--	--	59.14	59.14	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430613101561701	February	137.50	0.71	137.00	138.00	2
	March	138.03	1.37	136.30	139.40	6
	April	138.03	1.57	136.20	141.40	11
	May	138.27	1.15	136.10	139.80	12
	June	138.93	1.84	136.20	141.60	15
	July	138.33	1.51	136.10	140.10	11
	August	139.40	1.38	136.40	142.20	16
	September	139.16	1.22	136.40	140.20	8
	October	139.72	1.74	136.40	142.20	8
	November	138.94	.96	137.50	139.80	5
	December	--	--	140.40	140.40	1
430614100244802	September	--	--	12.58	12.58	1
430614100362502	October	--	--	26.87	26.87	1
430614100362503	October	--	--	26.60	26.60	1
430642101455801	February	--	--	15.00	15.00	1
	March	14.29	.64	13.50	15.20	9
	April	14.59	1.32	12.60	16.90	14
	May	14.13	1.12	12.70	16.80	14
	June	14.91	1.47	12.70	18.40	21
	July	15.49	1.71	13.80	20.00	17
	August	15.92	1.92	13.20	20.70	23
	September	15.87	1.02	14.00	18.00	11
	October	15.36	1.25	13.40	17.20	11
	November	15.92	1.04	14.50	17.80	9
	December	14.83	.99	13.40	15.90	6
430701100363001	January	--	--	75.10	75.10	1
	February	72.70	1.41	71.70	73.70	2
	March	73.07	.77	72.10	74.30	9
	April	72.62	1.09	71.20	74.50	14
	May	72.79	1.09	71.20	74.90	17
	June	72.86	1.09	71.20	74.90	20
	July	73.15	1.03	71.30	75.10	19
	August	73.03	1.10	71.30	75.30	25
	September	73.13	1.06	71.40	75.10	13
	October	73.19	1.15	71.50	74.90	12
	November	73.21	1.05	71.90	74.70	8
	December	73.30	1.18	71.70	75.00	6

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430705100450201	August	--	--	67.01	67.01	1
	October	--	--	66.63	66.63	1
430744101593201	March	0	1.28	-2.00	2.10	9
	April	-.21	1.40	-2.20	2.20	13
	May	-.34	1.59	-2.20	3.40	13
	June	3.69	7.56	-2.20	23.50	20
	July	9.15	9.13	-1.60	27.30	15
	August	19.96	12.03	.70	36.70	21
	September	18.99	12.68	5.10	45.20	10
	October	8.09	4.52	1.30	15.60	8
	November	7.76	6.03	1.10	17.70	8
	December	2.08	2.55	-.40	5.60	5
430748100455601	January	--	--	87.90	87.90	1
	February	--	--	89.90	89.90	1
	March	91.23	1.99	88.90	94.10	7
	April	91.39	1.70	89.00	94.10	14
	May	90.96	2.23	88.00	94.20	16
	June	90.84	2.08	87.60	94.30	21
	July	91.09	2.02	88.50	94.30	16
	August	91.63	1.95	88.70	95.20	24
	September	91.99	2.16	89.000	95.00	13
	October	92.39	2.73	89.00	98.66	12
	November	91.41	1.96	88.70	94.40	9
	December	90.50	1.56	88.80	92.10	4
430748102154801	March	101.89	2.02	99.20	104.40	7
	April	101.55	1.93	99.00	104.60	13
	May	101.84	2.05	99.40	104.90	8
	June	101.49	1.71	99.60	104.60	13
	July	101.66	1.79	99.40	104.30	9
	August	101.85	1.85	99.50	104.70	15
	September	100.87	1.23	100.00	103.30	6
	October	101.70	1.31	100.00	103.90	8
	November	102.10	1.71	100.40	104.50	5
	December	102.67	1.36	101.40	104.10	3
430756100231601	June	--	--	16.00	16.00	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430825101151801	February	--	--	57.90	57.90	1
	March	58.28	0.28	58.00	58.70	8
	April	58.16	.39	57.60	58.90	13
	May	58.20	.40	57.50	58.80	10
	June	58.22	.44	57.40	59.00	16
	July	58.32	.29	57.80	58.80	13
	August	58.22	.29	57.80	58.60	16
	September	58.28	.36	57.80	58.80	9
	October	58.30	.51	57.40	58.90	8
	November	58.42	.36	58.00	59.00	6
	December	58.43	.33	58.10	58.80	4
430832101364701	February	--	--	127.70	127.70	1
	March	126.78	.69	125.90	127.70	9
	April	126.57	.77	125.40	127.90	13
	May	126.89	.85	125.80	128.20	14
	June	126.78	.77	125.60	128.10	21
	July	126.90	.69	125.60	127.80	16
	August	126.77	.68	125.60	127.70	23
	September	126.76	.62	125.90	127.40	11
	October	126.69	.57	125.70	127.30	11
	November	127.02	.76	126.10	127.90	9
	December	126.92	.31	126.50	127.30	6
430835101554601	March	17.07	2.85	10.50	19.60	9
	April	17.25	2.26	12.40	20.50	14
	May	17.44	2.07	13.60	20.70	14
	June	17.48	2.10	13.90	21.20	21
	July	17.68	1.97	14.00	21.10	15
	August	17.73	2.49	14.30	22.30	23
	September	18.31	1.74	15.90	20.70	11
	October	17.36	1.55	15.20	19.80	11
	November	18.43	1.66	16.20	20.80	9
	December	17.95	1.85	15.70	20.30	6
430836101152202	October	--	--	59.73	59.73	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430839100373801	January	--	--	78.00	78.00	1
	February	78.35	0.64	77.90	78.80	2
	March	78.34	.73	77.30	79.20	9
	April	78.11	.79	76.80	79.20	15
	May	77.88	.88	76.20	79.20	17
	June	78.22	1.00	77.10	81.40	21
	July	78.63	.78	77.20	79.90	17
	August	78.74	.75	77.50	80.10	25
	September	78.79	.80	77.30	79.80	13
	October	78.91	1.57	77.50	83.36	12
	November	78.27	.72	77.20	79.50	9
	December	77.80	.46	77.40	78.40	4
430840100445601	January	--	--	62.60	62.60	1
	February	67.35	2.90	65.30	69.40	2
	March	66.90	3.13	62.90	71.50	9
	April	67.49	2.63	62.70	71.20	14
	May	66.99	2.93	62.50	71.10	15
	June	65.81	3.11	61.30	70.90	21
	July	65.92	2.89	61.80	70.80	18
	August	66.52	3.04	61.70	71.40	25
	September	67.72	3.41	62.50	72.00	11
	October	68.31	3.61	63.00	73.38	10
	November	67.29	3.20	63.20	71.50	9
	December	66.24	2.15	63.30	68.70	5
430842100411301	January	--	--	24.80	24.80	1
	February	24.60	.57	24.20	25.00	2
	March	24.66	.82	23.70	25.90	9
	April	24.47	.90	23.10	25.90	15
	May	24.20	1.16	22.30	26.50	17
	June	24.38	.97	22.50	26.60	21
	July	25.16	.96	23.50	26.60	17
	August	25.55	.94	23.70	27.00	25
	September	25.86	1.04	24.00	27.30	13
	October	25.99	1.13	24.40	28.35	10
	November	25.46	1.15	23.50	27.00	9
	December	24.75	.56	24.10	25.50	6
430857100445101	July	--	--	70.96	70.96	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430858100445302	July	--	--	70.92	70.92	1
	October	--	--	75.10	75.10	1
430858100445503	July	--	--	71.01	71.01	1
430922100410302	October	--	--	71.89	71.89	1
430923101484301	February	--	--	39.10	39.10	1
	March	37.80	1.89	35.30	40.00	8
	April	36.54	2.37	32.80	40.20	14
	May	36.99	2.33	33.90	40.70	11
	June	37.04	2.06	33.70	39.90	20
	July	36.93	3.67	25.30	39.70	16
	August	36.99	2.11	33.50	39.60	21
	September	37.32	1.88	35.20	39.50	10
	October	36.93	1.66	35.10	39.40	10
	November	37.09	1.71	35.50	39.40	7
	December	38.04	1.81	35.70	39.70	5
430924100460601	January	--	--	74.00	74.00	1
	February	78.15	3.75	75.50	80.80	2
	March	77.56	2.51	74.50	81.00	9
	April	78.03	2.13	75.10	81.40	15
	May	77.24	2.51	73.70	81.20	18
	June	77.06	2.41	74.10	81.20	21
	July	77.10	2.34	74.40	81.40	17
	August	77.26	2.54	74.10	81.90	25
	September	77.52	2.78	73.90	81.40	13
	October	77.98	3.08	74.40	84.39	12
	November	77.27	2.34	74.60	81.00	9
	December	76.15	1.45	74.40	78.00	6
430928101532401	February	--	--	27.30	27.30	1
	March	25.36	2.02	22.60	27.70	8
	April	24.04	2.33	20.30	27.70	14
	May	24.69	2.24	21.40	27.70	14
	June	24.72	2.28	20.60	27.90	21
	July	24.85	2.23	20.70	27.60	13
	August	25.14	2.16	21.60	28.10	23
	September	25.44	2.25	22.50	28.20	11
	October	24.56	1.76	22.30	27.50	10
	November	25.48	2.05	22.90	28.00	9
	December	25.70	1.71	23.60	27.60	6

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430929101104202	January	--	--	78.25	78.25	1
	August	--	--	77.98	77.98	1
	October	78.36	2.38	76.68	80.04	2
	November	--	--	78.42	78.42	1
430929101104203	August	--	--	77.38	77.38	1
	October	78.18	1.10	77.40	78.95	2
	November	--	--	77.86	77.86	1
430932100390001	January	--	--	47.10	47.10	1
	February	46.30	.14	46.20	46.40	2
	March	46.15	1.35	45.10	48.60	8
	April	45.39	1.44	43.50	48.00	15
	May	45.30	1.46	43.50	48.10	16
	June	45.28	1.21	43.60	48.20	21
	July	45.94	1.31	43.90	48.10	17
	August	46.37	1.31	44.40	48.80	25
	September	46.60	1.07	44.90	48.70	12
	October	46.28	1.29	44.90	48.60	11
	November	46.07	1.00	44.80	47.40	9
	December	45.73	1.12	44.70	47.30	4
430949101292701	January	--	--	21.30	21.30	1
	February	--	--	21.50	21.50	1
	March	20.38	.92	18.20	21.40	10
	April	20.71	.59	19.70	21.90	14
	May	20.52	.49	19.90	21.70	15
	June	20.81	.57	19.30	21.90	23
	July	21.14	.51	20.30	22.20	19
	August	21.08	.58	19.90	22.20	23
	September	21.37	.48	20.50	22.40	13
	October	21.26	.42	20.70	22.00	11
	November	21.62	.36	21.00	22.10	11
	December	21.28	.33	20.80	21.80	6

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
430959100444001	February	100.75	4.88	97.30	104.20	2
	March	100.42	2.49	98.20	103.60	5
	April	100.48	2.34	97.80	103.70	12
	May	100.15	2.37	96.80	103.30	12
	June	100.12	2.48	96.90	103.60	13
	July	100.32	2.45	97.30	104.30	13
	August	101.80	2.31	98.50	105.90	15
	September	102.09	1.92	99.60	105.20	9
	October	102.42	2.19	99.90	105.64	8
	November	101.33	2.10	99.20	103.80	6
	December	99.43	.32	99.20	99.80	3
431018101152001	January	--	--	67.00	67.00	1
	February	--	--	67.60	67.60	1
	March	67.60	.95	66.10	68.70	9
	April	67.54	.87	65.90	68.90	14
	May	67.22	.92	65.90	68.70	14
	June	67.42	.84	65.80	68.70	21
	July	67.79	.71	66.70	68.80	19
	August	67.97	.87	66.50	69.50	23
	September	68.35	.94	66.60	69.50	13
	October	68.42	1.00	66.70	69.90	12
	November	68.16	1.02	66.50	69.60	10
	December	67.68	.64	66.70	68.30	6
431018101212001	February	--	--	29.20	29.20	1
	March	27.38	2.34	23.30	29.90	10
	April	27.21	2.14	23.20	30.30	14
	May	27.39	1.91	24.50	29.70	12
	June	27.57	1.69	24.10	30.20	21
	July	27.94	1.86	23.70	30.10	17
	August	27.45	1.88	23.50	30.00	21
	September	27.44	1.79	25.30	30.00	11
	October	27.69	1.64	25.10	30.00	9
	November	27.79	1.39	25.40	29.70	8
	December	28.22	1.12	26.40	29.80	6

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431020100243501	February	8.05	6.15	3.70	12.40	2
	March	8.39	2.37	6.70	13.10	7
	April	7.12	3.02	3.20	13.40	13
	May	6.72	2.47	3.40	12.50	14
	June	7.36	2.86	2.80	12.70	16
	July	7.91	2.68	4.20	12.90	14
	August	7.51	2.38	4.70	13.00	18
	September	8.11	2.70	3.75	13.10	11
	October	7.58	1.49	5.80	10.70	8
	November	8.07	2.60	6.20	13.30	6
	December	6.50	.82	5.80	7.40	3
431022101555001	February	--	--	25.60	25.60	1
	March	21.95	2.78	17.80	25.30	6
	April	21.34	2.67	17.60	25.70	12
	May	21.10	2.17	18.00	25.70	11
	June	21.74	2.38	17.30	26.30	17
	July	21.83	2.15	17.60	24.90	11
	August	21.59	2.39	18.00	26.20	17
	September	21.99	2.38	19.80	26.20	8
	October	21.82	1.62	19.80	25.30	9
	November	22.18	2.13	20.40	26.30	6
	December	22.77	2.63	21.20	25.80	3
431022101570101	March	24.40	5.19	18.00	30.90	10
	April	23.90	5.39	14.20	32.20	13
	May	23.45	4.61	14.50	29.30	14
	June	24.21	5.30	14.60	33.90	20
	July	23.37	4.79	16.70	33.80	15
	August	24.23	5.71	15.80	34.30	21
	September	24.48	6.60	18.30	34.10	10
	October	23.04	5.68	15.50	34.10	9
	November	24.25	4.42	19.40	32.90	8
	December	22.25	6.16	15.60	33.40	6

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431045101293701	January	16.20	1.41	15.20	17.20	2
	February	--	--	17.30	17.30	1
	March	15.65	1.70	12.40	20.00	13
	April	16.11	1.29	13.80	18.80	12
	May	16.20	.69	15.40	16.90	5
	June	16.11	.98	14.00	17.10	12
	July	16.29	1.22	13.90	18.20	21
	August	16.75	.67	15.40	17.90	12
	September	16.93	.57	15.80	17.60	7
	October	16.34	1.42	13.60	17.70	7
	November	17.19	.98	15.50	18.60	14
	December	16.41	.79	15.20	17.60	9
431109100445901	January	--	--	95.10	95.10	1
	February	98.65	2.48	96.90	100.40	2
	March	98.23	1.77	96.00	100.30	8
	April	98.54	1.41	96.10	100.50	14
	May	97.95	1.74	95.30	100.30	18
	June	98.03	1.55	95.40	100.50	20
	July	97.90	1.50	95.50	100.30	19
	August	97.79	1.67	95.30	100.40	24
	September	98.07	1.74	95.60	100.40	13
	October	98.40	2.25	95.50	103.40	12
	November	97.79	1.73	95.60	100.20	9
	December	96.93	1.51	95.10	98.70	7
431127100235201	June	--	--	26.00	26.00	1
431136101200901	January	--	--	22.40	22.40	1
	February	--	--	24.00	24.00	1
	March	21.86	1.05	19.80	23.40	9
	April	21.54	1.49	19.50	23.90	14
	May	21.15	1.50	19.30	24.30	14
	June	22.15	1.74	19.30	26.10	22
	July	23.68	2.12	21.10	28.80	19
	August	24.50	2.24	21.40	30.60	23
	September	24.56	1.58	21.90	26.50	13
	October	23.50	1.85	21.40	27.50	11
	November	23.44	1.60	20.80	25.30	11
	December	22.30	1.25	21.00	24.30	6
431139100311501	August	--	--	12.00	12.00	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431159100412102	October	--	--	80.52	80.52	1
431159100412103	October	--	--	80.24	80.24	1
431255101212001	January	--	--	68.30	68.30	1
	February	--	--	68.70	68.70	1
	March	68.09	0.69	66.90	69.20	8
	April	67.92	.82	66.60	69.20	13
	May	68.00	.60	67.00	68.70	12
	June	68.23	.55	67.30	69.30	17
	July	69.01	.72	67.40	70.30	15
	August	69.51	.83	67.80	71.00	19
	September	69.77	.86	68.50	71.00	10
	October	69.21	.71	68.20	70.50	8
	November	69.15	.78	68.10	70.00	8
	December	68.45	.79	67.60	69.50	4
431430100195901	February	--	--	22.30	22.30	1
	March	26.34	1.47	24.80	29.10	7
	April	25.89	1.89	22.30	29.30	14
	May	25.28	1.26	23.40	27.30	12
	June	25.52	2.02	21.60	29.60	15
	July	26.15	2.33	21.70	29.90	13
	August	25.79	1.97	22.10	29.70	18
	September	26.16	1.97	22.30	29.90	10
	October	25.96	1.13	23.90	27.30	8
	November	26.63	1.82	24.50	29.80	6
	December	24.90	.79	24.00	25.50	3
431458101483001	March	187.80	.62	187.00	188.70	5
	April	187.79	.29	187.40	188.40	13
	May	187.98	.46	187.60	188.90	9
	June	187.92	.50	186.50	188.80	17
	July	187.84	.47	187.00	188.60	10
	August	187.94	.47	187.30	189.30	18
	September	188.16	.77	187.50	189.80	8
	October	187.91	.28	187.60	188.30	7
	November	188.30	.35	187.90	188.90	6
	December	188.25	.35	187.90	188.60	4
431505100560901	September	--	--	134.94	134.94	1
431505100565801	September	--	--	16.25	16.25	1
	October	--	--	18.67	18.67	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431508100562101	September	--	--	100.94	100.94	1
	October	--	--	101.99	101.99	1
431514101061101	February	--	--	30.80	30.80	1
	March	29.30	1.08	28.40	30.50	3
	April	29.36	.96	28.10	30.80	8
	May	28.35	1.40	26.90	30.60	6
	June	28.82	1.41	26.80	30.80	11
	July	29.26	1.46	27.20	31.10	11
	August	29.19	1.45	27.30	31.20	13
	September	30.26	1.02	28.80	31.40	5
	October	28.95	1.29	27.80	30.70	4
	November	30.16	.97	28.80	31.30	5
	December	29.03	1.02	28.20	30.40	4
431515100553901	October	--	--	145.54	145.54	1
431517100562301	September	103.11	.01	103.10	103.11	2
	October	--	--	104.14	104.14	1
431526100563202	September	--	--	10.96	10.96	1
	October	--	--	13.15	13.15	1
431530101264101	February	--	--	19.80	19.80	1
	March	16.25	2.28	11.90	19.40	10
	April	13.58	6.05	-.50	19.50	15
	May	13.70	5.34	.60	18.90	16
	June	15.07	4.61	2.20	19.80	23
	July	17.00	2.78	11.10	21.50	16
	August	16.87	2.91	11.60	22.10	21
	September	17.54	2.59	14.80	22.00	12
	October	16.98	1.61	14.90	19.40	10
	November	17.28	2.11	14.50	20.50	9
	December	17.15	1.72	15.40	20.10	6

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
431531101282701	February	--	--	27.40	27.40	1
	March	27.17	1.18	25.40	28.50	10
	April	27.46	1.47	24.80	30.00	14
	May	27.38	3.66	21.30	34.80	14
	June	30.08	4.50	21.50	39.20	21
	July	35.16	7.52	26.40	48.90	16
	August	34.84	6.80	27.40	53.40	22
	September	30.91	4.18	26.90	42.70	12
	October	28.53	1.75	24.90	31.00	10
	November	28.47	1.91	25.40	31.30	9
	December	27.30	1.49	25.10	28.80	6
431536100543101	September	--	--	18.87	18.87	1
431600100413203	October	--	--	8.56	8.56	1
431806100425801	September	--	--	69.00	69.00	1
431903100282002	January	--	--	48.65	48.65	1
	August	--	--	40.20	40.20	1
	September	--	--	46.03	46.03	1
431949100584602	September	--	--	62.00	62.00	1
431958101582101	March	149.77	.82	148.50	150.70	7
	April	149.49	.85	147.40	150.60	13
	May	149.61	.95	147.80	150.70	11
	June	149.65	.83	147.30	150.60	15
	July	149.64	1.07	147.30	150.70	9
	August	149.39	1.08	146.80	150.70	20
	September	149.86	.79	148.20	150.50	7
	October	149.69	.45	149.10	150.50	7
	November	149.83	.65	148.60	150.30	6
	December	149.38	.71	148.40	149.90	4
432038101223501	March	65.96	.92	64.10	66.70	7
	April	65.65	1.01	63.90	67.40	13
	May	65.81	.72	64.90	67.10	10
	June	65.73	.76	64.70	67.40	16
	July	66.15	.85	64.90	67.50	13
	August	65.75	.77	64.70	67.30	17
	September	66.10	.72	65.00	67.00	8
	October	65.84	.43	65.20	66.40	7
	November	66.22	.69	65.40	67.20	6
	December	65.68	.75	65.20	66.80	4

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
432044101115201	March	37.90	0.58	37.20	38.80	5
	April	37.10	1.25	34.30	39.20	12
	May	37.06	1.06	35.30	38.70	12
	June	37.00	1.26	33.70	39.00	15
	July	37.50	1.47	33.90	39.40	12
	August	37.48	1.16	34.40	39.50	18
	September	37.77	1.47	34.40	39.60	9
	October	37.67	.66	36.70	38.40	7
	November	38.37	.91	36.90	39.70	6
	December	37.80	1.21	36.70	39.10	3
432120101120001	March	34.84	2.00	31.60	37.30	8
	April	35.13	2.09	30.80	39.10	13
	May	35.36	1.95	32.70	38.80	10
	June	35.82	2.35	29.00	38.10	13
	July	36.46	2.50	31.70	39.20	11
	August	37.14	1.89	32.60	40.10	16
	September	38.68	1.59	36.50	40.40	6
	October	37.87	2.10	34.50	40.90	9
	November	38.48	1.33	36.30	39.40	5
	December	36.70	2.08	34.30	37.90	3
432310101045501	February	32.20	4.67	28.90	35.50	2
	March	33.47	2.20	31.30	36.10	6
	April	32.40	1.98	28.80	35.80	12
	May	32.72	1.65	31.20	35.80	13
	June	32.95	1.95	30.90	36.50	15
	July	33.52	2.11	30.50	36.40	13
	August	32.91	1.96	30.20	36.30	18
	September	32.98	2.08	31.00	36.30	9
	October	32.42	2.54	27.60	36.20	9
	November	32.93	1.97	31.30	36.30	6
	December	33.78	1.98	31.50	36.00	4

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
432410101294002	March	53.48	1.42	50.30	54.60	8
	April	52.34	1.77	49.80	54.50	7
	May	53.40	.79	52.30	54.60	8
	June	53.40	.69	52.20	54.50	10
	July	53.63	.60	52.70	54.60	7
	August	53.20	.61	52.10	53.90	12
	September	53.95	.77	53.00	54.90	6
	October	53.58	.51	53.10	54.30	4
	November	53.93	.74	53.10	54.80	4
	December	53.47	.47	53.10	54.00	3
432554101065601	February	13.75	7.00	8.80	18.70	2
	March	15.82	2.81	12.50	19.90	9
	April	14.98	4.68	7.80	22.40	14
	May	13.47	5.40	6.10	21.30	14
	June	13.36	4.16	5.20	20.40	19
	July	13.73	4.90	6.40	21.60	16
	August	15.71	4.03	7.60	22.10	21
	September	18.91	3.72	9.80	23.50	11
	October	17.34	3.95	11.62	22.20	10
	November	20.36	3.47	14.20	24.00	8
	December	16.94	4.33	12.30	22.90	5
432649101081802	October	--	--	12.98	12.98	1
432740101223501	March	30.36	1.38	27.60	31.70	7
	April	30.11	1.58	27.40	32.00	8
	May	30.20	1.09	28.10	31.60	8
	June	30.31	1.15	27.90	31.80	10
	July	30.44	1.12	28.10	31.80	8
	August	30.25	1.10	28.20	32.00	11
	September	30.70	1.20	28.50	32.10	7
	October	30.56	1.08	28.90	31.90	5
	November	30.50	1.51	28.60	32.20	4
	December	30.43	1.56	29.00	32.10	3
432742101115802	October	--	--	25.40	25.40	1

Table 56. Summary of periodic ground-water-level data (from the U.S. Geological Survey database), in feet below land surface, for sites in the High Plains aquifer in South Dakota—Continued

[Negative values means water levels above land surface. --, not applicable]

Site number	Month	Mean	Standard deviation	Minimum	Maximum	Number of valid samples
433020101394201	March	72.22	0.72	71.40	73.30	6
	April	71.60	.47	71.20	72.50	6
	May	72.30	.82	71.30	73.10	5
	June	72.17	.73	71.30	73.10	6
	July	72.56	.91	71.40	73.50	5
	August	72.24	.60	71.50	73.00	8
	September	73.20	.27	72.90	73.40	3
	October	72.63	.83	71.70	73.30	3
	November	73.05	.21	72.90	73.20	2
	December	72.10	.71	71.60	72.60	2

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
425947101191901	35N34W21ADBC	7	10140203	121OGLL	265	--
425956101134501	35N33W20ABCC	7	10140203	122ARKR	580	3,039
425956101134502	35N33W20ABCC2	7	10140203	121OGLL	64	3,040
425956101134503	35N33W20ABCC3	7	10140203	121OGLL	165	3,040
425956101424101	35N37W19AADD	7	10150003	121OGLL	164	3,297
425957100445302	35N29W20AADD2	121	--	121OGLL	106	2,890
425957100445601	35N29W20AADD	121	10150004	121OGLL	127.6	2,890
430000100273901	35N27W23BAAD	121	10150004	121OGLL	75	2,703
430000100285401	35N27W22ABBC	121	10150004	122ARKR	75	2,679
430000102103001	35N41W 4BCC	113	10140203	122ARKR	120	3,470
430002100174801	35N25W20BBBC	121	--	121OGLL	46.5	2,493
430002100483201	35N30W23AAAB	121	10150004	122ARKR	180	2,885
430003100174802	35N25W20BBBC3	121	--	122ARKR	120	2,493
430006100254301	35N26W19BBAC	121	10150006	121OGLL	100	2,660
430006101005701	35N31W18BCAB	121	10150004	121OGLL	60	2,895
430014100445401	35N29W17DDDA	121	10150004	122ARKR	140	2,878
430021100543301	35N31W13D	121	10150004	122ARKR	125	2,840
430022100270901	35N27W14DAA	121	10150006	121OGLL	50	2,676
430023100115602	35N25W13DADD2	121	10150006	121OGLL	160	2,443
430025102213601	35N43W15DD	113	10140201	122ARKR	190	3,640
430027102311801	35N44W17DBCA	113	10140201	122ARKR	180	3,296.45
430027102311806	35N44W17DBCA6	113	10140201	122ARKR	835	3,296.41
430030100204501	35N26W14CAAC	121	10150006	122ARKR	100	2,534
430033100203001	35N26W14DB	121	10150006	121OGLL	28	2,530
430033100234902	35N26W17DAB2	121	10150006	122ARKR	103	2,583
430033102274301	35N44W14D	113	10140201	121OGLL	165	3,455
430034101082201	35N32W18CCCD	121	10150004	121OGLL	50	2,997
430037100471601	35N30W13ADD	121	10150004	121OGLL	140	2,895
430037101093301	35N33W13DCD	121	10140203	121OGLL	50	3,100
430038100502401	35N30W15BCD	121	10150004	122ARKR	160	2,860
430038102332501	35N45W13DAAA	113	10140201	122ARKR	125	3,255
430039100301001	35N27W16BD	121	10150006	121OGLL	55	2,695
430039100320801	35N27W18A	121	10150001	121OGLL	55	2,725
430040100233901	35N26W17DAB	121	10150006	121OGLL	60	2,583
430040100291901	35N27W15BC	121	10150004	121OGLL	55	2,680
430042100565801	35N31W15ACA	121	10150004	121OGLL	75	2,822
430044102182701	35N42W18	113	10140201	122ARKR	55	3,560
430044102332501	35N45W13ADDD	113	10140201	122ARKR	140	3,240

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430044102332502	35N45W13ADDD2	113	10140201	122ARKR	65	3,240
430044102333001	35N45W13ADDC	113	10140201	122ARKR	115	3,240
430045100495701	35N30W15ACA	121	10150004	121OGLL	125	2,880
430045101011102	35N31W18BCAB2	121	10140203	121OGLL	60	2,910
430046102332701	35N45W13ADD	113	10140201	122ARKR	112	3,240
430047101025001	35N32W14A	121	10150004	121OGLL	105	2,982
430048100450201	35N29W17AACD	121	10150004	122ARKR	190	2,913
430049100363401	35N28W10CCC	121	10150004	122ARKR	145	2,750
430050100243201	35N26W17B	121	10150006	121OGLL	69	2,578
430050102020601	35N40W16BDD	7	10150003	122ARKR	59	3,450
430052099110801	95N71W25DB	53	10150001	122ARKR	60	2,130
430055100362702	35N28W15BBBD2	121	10150004	121OGLL	76	2,754
430055101440001	40N37W30DDDD	71	10140202	122ARKR	230	2,682
430055101440002	40N37W30DDDD2	71	10150003	122ARKR	215.9	2,729
430057100474301	35N30W13ABDA	121	10150004	121OGLL	140	2,905
430100100460501	35N29W18AAAA	121	10150004	121OGLL	83.8	2,870
430103100280601	35N27W11CCDC	121	10150006	121OGLL	120	2,682
430103100445501	35N29W 8DDD	121	10150004	122ARKR	175	2,898
430104100543301	35N31W12DDCB	121	10150004	121OGLL	125	2,873
430104101155501	35N34W12DCC	7	10140203	121OGLL	250	--
430104101570501	35N39W 7BDA	7	10150003	122ARKR	59	3,530
430105100445601	35N29W 8DDD2	121	10150006	122ARKR	250	2,900
430106100271402	35N27W11DD2	121	10150006	122ARKR	120	2,637
430106100271403	35N27W11DD	121	10150006	121OGLL	80	2,637
430106100543301	35N31W12DDCB2	121	10150004	121OGLL	125	2,878
430111102353601	35N45W11CC	113	10140201	122ARKR	245	3,340
430113100491601	35N30W11C	121	10150004	122ARKR	260	2,910
430113101040101	35N32W10D	121	10140203	121OGLL	70	2,970
430113101062401	35N32W 8D	121	10140203	121OGLL	80	2,980
430115100322101	35N27W 7DACC	121	10150004	122ARKR	120	2,731
430117102360301	35N45W10D	113	10140201	122ARKR	152	3,270
430119100291801	35N27W10CBBB	121	10150006	121OGLL	100	2,717
430120100061001	35N32W 8DADA	121	10140203	121OGLL	86	2,955
430120100574901	35N31W10CBBC	121	10150004	121OGLL	57	2,823
430120102341601	35N45W12CBD	113	10140201	122ARKR	303	3,230
430121100323001	35N27W 7CACB	121	10150004	121OGLL	120	2,724
430121102274101	35N44W11DDBB	113	10140201	122ARKR	135	3,370
430121102282601	35N44W11CCAB	113	10140201	122ARKR	162	3,352

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430122100344501	35N28W11DBBB	121	10150006	121OGLL	94.1	2,728
430123102321501	35N44W 7CAB	113	10140201	122ARKR	284	3,300
430124100415701	35N29W11CAA	121	10150004	121OGLL	42	2,777
430124102342501	35N45W12CB	113	10140201	122ARKR	350	3,230
430125102343201	35N45W12CBBC	113	10140201	122ARKR	--	3,130
430126100221901	35N26W10CBBA3	121	--	122ARKR	492	2,617
430126100222001	35N26W10CBBA2	121	--	121OGLL	82	2,618
430127100230601	35N26W 9BDAD	121	10150006	122ARKR	100	2,585
430127100481701	35N30W12BCCD	121	10150004	121OGLL	150	2,915
430127102333601	35N45W12DAB	113	10140201	122ARKR	120	3,230
430129099201201	95N72W22DDDD	53	10150006	122ARKR	104	2,217
430129101075401	35N32W 7BDD	121	10140203	121OGLL	50	2,950
430131102261601	35N44W12DADA	113	10140201	122ARKR	155	3,382
430135100302401	35N27W 9BADB	121	10150004	122ARKR	135	2,701
430136102355401	35N45W10AD	113	10140201	122ARKR	127	3,250
430138100470601	35N29W 7BCBA	121	10150004	121OGLL	--	2,909
430138102363201	35N45W10BDBD	113	10140201	122ARKR	170	3,340
430139100264401	35N27W12B	121	10150006	121OGLL	85	2,636
430139100474801	35N30W12ACBB	121	10150004	121OGLL	160	2,935
430140102273701	35N44W11ADCD	113	10140201	122ARKR	125	3,357
430141100243201	35N26W 8B	121	10150006	122ARKR	105	2,627
430142100580301	35N31W 9AACD	121	10150004	122ARKR	120	2,840
430142102093601	35N41W 8ADAA	113	10140201	122ARKR	120	3,550
430142102341601	35N45W12B	113	10140201	122ARKR	112	3,195
430142102341602	35N45W12B2	113	10140201	122ARKR	92	3,195
430144099194301	95N72W23CA2	53	10150001	121OGLL	100	2,220
430146102322701	35N44W 7ADBB	113	10140201	122ARKR	--	3,249
430146102325801	35N44W 7BDBA	113	10140201	122ARKR	--	3,265
430147102343601	35N45W11AADD	113	10140201	122ARKR	129	3,215
430148100471001	35N29W 7BBBB	121	10150004	121OGLL	83.1	2,903
430149102355401	35N45W10AA	113	10140201	122ARKR	127	3,280
430150100054601	35N32W 9BABB	121	10140203	122ARKR	678	2,935
430150100523801	35N30W 8BAA	121	10150004	121OGLL	95	2,840
430150102303501	35N44W 9BBAD	113	10140201	122ARKR	245	3,280
430151100173901	35N25W 8BB	121	10150006	121OGLL	90	2,513
430151100415401	35N29W11ABBB	121	10150004	121OGLL	65	2,800
430151100415402	35N29W11ABBB2	121	10150004	121OGLL	110	2,800
430152102335401	35N45W12ABB	113	10140201	122ARKR	220	3,262

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430153100521302	35N30W 5DDCC2	121	10150004	122ARKR	323	2,842
430153100521303	35N30W 5DDCC3	121	10150004	121OGLL	108	2,842
430153101054902	35N32W 9BABB5	121	10140203	122ARKR	452	2,938
430154100332601	35N28W 1DC	121	10150006	122ARKR	100	2,683
430154100411801	35N29W 2DDDD	121	10150004	121OGLL	44.4	2,800
430155100394201	35N28W 6CDD	121	10150004	121OGLL	150	2,795
430155102291101	35N44W10ABCB	113	10140201	122ARKR	145	3,353
430155102291501	35N44W10BAAD	113	10140201	122ARKR	165	3,545
430156099192001	95N72W23ACD	53	10150001	122ARKR	95	2,224
430156100212601	35N26W 3DDC	121	10150006	121OGLL	140	2,636
430156100215401	35N26W 3CDD	121	10150006	121OGLL	110	2,561
430156100411901	35N29W 2DDDD2	121	--	121OGLL	37	2,800
430157100464201	35N29W 6CDDA	121	10150004	121OGLL	100	2,869
430159100212101	35N26W 3DD	121	10150006	121OGLL	110	2,618
430159100531001	35N30W 6DDDD	121	10150004	121OGLL	83.5	2,853
430159102290201	35N44W10ABAB	113	10140201	122ARKR	160	3,345
430159102291101	35N44W10ABBB	113	10140201	122ARKR	160	3,345
430200100164801	35N25W 5DDD	121	10150006	121OGLL	100	2,501
430200100292001	35N27W 3BCCB	121	10150006	122ARKR	180	2,697
430200102130001	35N42W 1CCDD	113	10140201	122ARKR	280	3,400
430201102381701	35N45W 5DD	113	10140201	122ARKR	260	3,385
430201102385201	35N45W 5CD	113	10140201	122ARKR	57	3,380
430202101500401	35N40W 1DAB	7	10150003	122ARKR	54	3,500
430203100454301	35N29W 5C	121	10150004	121OGLL	150	2,897
430204100212001	35N26W 3DDAB	121	10150006	122ARKR	120	2,617
430205100321201	35N27W 6DACC	121	10150004	122ARKR	70	2,676
430205100471601	35N30W 1DDAA	121	10150004	121OGLL	150	2,903
430205100471602	35N30W 1DDAA2	121	10150004	121OGLL	136	2,903
430205101011501	35N31W 6CABD	121	10140203	121OGLL	85	2,860
430205102291501	35N44W 3CDDD	113	10140201	122ARKR	160	3,255
430205102291901	35N44W 3CDDC	113	10140201	122ARKR	160	3,360
430206102343601	35N45W 2DDAA	113	10140201	122ARKR	75	3,210
430207101004201	35N31W 6DBCD	121	10140203	121OGLL	90	2,890
430208102083301	35N41W 4DADA	113	10140203	122ARKR	92	3,470
430208102382501	35N45W 5D	113	10140201	122ARKR	305	3,400
430212100282501	35N27W 3DAAA	121	10150006	121OGLL	100	2,687
430212100524001	35N30W 5CA	121	10150004	121OGLL	105	2,828
430212101041201	35N32W 3DAB	121	10150004	121OGLL	110	2,910

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430215100273301	35N27W 2DBCC	121	10150006	121OGLL	--	2,695
430215100320901	35N27W 6ADC	121	10150004	122ARKR	70	2,697
430216100252101	35N26W 6DBBA	121	10150006	122ARKR	132	2,620
430216100300301	35N27W 4BAAA	121	10150006	122ARKR	180	2,713
430216102083201	35N41W 4DA	113	10140201	122ARKR	120	3,320
430217100370801	35N28W 4ACCB	121	10150006	122ARKR	140	2,753
430217100535201	35N30W 6CABA	121	10150004	121OGLL	105	2,873
430217100573201	35N31W 3CBAA	121	10150004	121OGLL	108	2,905
430218100371201	35N28W 4BDD	121	10150004	122ARKR	130	2,780
430219099141701	95N71W21AAA	53	10150001	122ARKR	32	2,130
430219101103201	35N33W 2BCDD	121	10140203	121OGLL	50	2,985
430224100445701	35N29W 5ADDB	121	10150004	121OGLL	27	2,843
430224101090501	35N33W 1CADA	121	10140203	121OGLL	50	3,060
430224102242601	35N43W 5	113	10140201	122ARKR	120	3,405
430225100445002	35N29W 4BCCB2	121	10150004	121OGLL	53	2,845
430225100445401	35N29W 5DDDA	121	10150004	122ARKR	135	2,880
430226100445201	35N29W 4BCCB	121	10150004	122ARKR	113	2,845
430226100445203	35N29W 4BCCB3	121	10150004	121OGLL	27	2,845
430226100460401	35N29W 6ADAD	121	10150004	121OGLL	73	2,895
430226102235301	35N43W 5ADDB	113	10140201	122ARKR	115	3,470
430228102240601	35N43W 5ADCC	113	10140201	122ARKR	165	3,460
430230100320301	35N27W 6AAC	121	10150004	121OGLL	--	2,710
430230100335201	35N28W 1BDBB	121	10150006	122ARKR	120	2,674
430230100545201	35N31W 1ACBB	121	10150004	121OGLL	110	2,878
430230101340201	35N36W 5BAC	7	10140203	122ARKR	80	3,355
430230102035001	36N41W 2DDD	113	10140201	122ARKR	384	3,415
430230102151901	35N42W 3BC	113	10140201	122ARKR	80	3,410
430231100591401	35N31W 5AACC2	121	10150004	121OGLL	90	2,865
430231100591501	35N31W 5AACC	121	10150004	121OGLL	70	2,865
430231102384501	35N45W 5BDAA	113	10140201	122ARKR	285	3,460
430232100584301	35N31W 4B	121	10150004	121OGLL	95	2,853
430232100593401	35N31W 5ABC	121	10150004	121OGLL	90	2,850
430236100274201	35N27W 2ABCC	121	10150006	121OGLL	90	2,700
430236100331801	35N28W 1ABDC	121	10150006	122ARKR	110	2,685
430236100453101	35N29W 5BDDA	121	10150004	121OGLL	43	2,855
430237100241201	35N26W 5BA	121	10150006	121OGLL	70	2,635
430237100445001	35N29W 4BBCB	121	10150004	122ARKR	113	2,845
430238100434801	35N29W 4AA	121	10150004	121OGLL	50	2,830

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430239100164801	35N25W 5AA	121	10150006	122ARKR	100	2,513
430239100174301	35N25W 5BBAA	121	10150006	121OGLL	72	2,518
430240102115301	35N41W 6BBCC	113	10140201	122ARKR	140	3,550
430242100184801	35N25W 6BBA	121	10150006	122ARKR	100	2,525
430242102210001	35N43W 2BA	113	10140201	122ARKR	110	3,450
430243100333301	35N28W 1ABB	121	10150006	122ARKR	105	2,695
430243100371701	36N28W33BDDD	121	10150006	121OGLL	74.8	2,753
430243102125601	35N42W 1BB	113	10140201	122ARKR	60	3,430
430244101284101	36N35W31D	7	10140203	122ARKR	60	3,200
430245100272401	36N27W35DCD	121	10150006	122ARKR	144	2,673
430245100292701	35N27W 3BBBB4	121	--	122ARKR	202	2,671
430245100292801	35N27W 3BBBB	121	10150006	121OGLL	47	2,671
430246100222302	36N26W34CCC2	121	10150006	121OGLL	110	2,634
430247100433801	36N29W34CCCC	121	10150004	121OGLL	40	2,831
430250100532701	36N30W31DCDA	121	10150004	121OGLL	50	2,868
430250100584701	36N31W33CCDA	121	10140203	121OGLL	146	2,877
430252100431301	36N29W34CD	121	10150004	121OGLL	100	2,804
430252100531701	36N30W31DDBD	121	10150004	121OGLL	40	2.951
430254100453001	36N29W32CDAD	121	10150004	121OGLL	60	2,851
430254100515001	36N30W33CCBD	121	10150004	121OGLL	50	2,879
430255100390101	36N28W31DDA	121	10150006	121OGLL	180	2,830
430255101032301	36N32W35CDBB	121	10140203	121OGLL	85	2,897
430255102191201	36N43W36DD	113	10140201	122ARKR	80	3,400
430256101160001	36N34W36DBCC	7	10140203	121OGLL	205	2,930
430256102305101	36N44W33CC	113	10140201	122ARKR	380	3,320
430257101003001	36N31W31D	121	10140203	121OGLL	63	2,843
430257102340501	36N45W36CDAB	113	10140201	122ARKR	148	3,230
430258100294701	36N27W33DAAC	121	10150006	122ARKR	140	2,673
430258100445701	36N29W32DDAB	121	10150004	121OGLL	60	2,837
430258100471401	36N30W36DDDA	121	10150004	121OGLL	123	2,885
430258100491601	36N30W35CCAA	121	10150004	121OGLL	179	2,903
430259100521001	36N30W32DACC	121	10150004	121OGLL	115	2,974
430259102323501	36N44W31DCBB	113	10140201	122ARKR	38	3,265
430300101012701	36N32W36DADC	121	10140203	121OGLL	146	2,858
430300101373501	36N37W36CCA	7	10140203	122ARKR	250	--
430301100365801	36N28W33DBD	121	10150006	122ARKR	160	2,750
430301100492101	36N30W35CBCC	121	10150004	122ARKR	179	2,917
430301100555201	36N31W35DBDC	121	10140203	121OGLL	140	2,904

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430301102121101	36N42W36D	113	10140201	122ARKR	--	3,500
430302100255101	36N26W33DBDB	121	10150006	121OGLL	130	2,630
430302100412001	36N29W35DAD	121	10150004	121OGLL	45	2,834
430305100455401	36N29W32CB	121	10150004	121OGLL	60	2,835
430305100531601	36N30W31DA	121	10150004	121OGLL	80	2,841
430308100222801	36N26W33DAA	121	10150006	121OGLL	110	2,637
430308102183601	36N42W31CA	113	10140201	122ARKR	20	3,375
430309100290001	36N27W34CAA	121	10150006	122ARKR	110	2,673
430310100245501	36N26W31ADDD	121	10150006	121OGLL	125	2,620
430310101125201	36N33W33CABB	121	10140203	121OGLL	99	3,015
430313100491501	36N30W35BDCC	121	10150004	121OGLL	246	2,913
430314100392301	36N28W31ACDC	121	10150006	121OGLL	95	2,839
430315100184301	36N25W31BDCB	121	10150006	121OGLL	70	2,552
430315100282501	36N27W34ADDB	121	10150006	122ARKR	100	2,670
430315100303001	36N27W33BCCC	121	10150006	122ARKR	120	2,708
430315102280101	36N44W35	113	10140201	122ARKR	--	3,294
430321100313401	36N27W32BAAA	121	10150006	122ARKR	140	2,706
430322100280301	36N27W35BBCD	121	10150006	122ARKR	100	2,654
430323100430001	36N29W34ACBB	121	10150004	121OGLL	100	2,827
430324100161901	36N25W33B	121	10150006	122ARKR	142	2,605
430324100383901	36N28W32B	121	10150006	121OGLL	151	2,810
430324100491501	36N30W35B	121	10150004	121OGLL	--	2,890
430324100571301	36N31W34	121	10140203	121OGLL	190	2,945
430325100180701	36N25W31A	121	10150006	122ARKR	150	2,577
430325100540001	36N30W31BACC	121	10150004	121OGLL	128	2,885
430326100185001	36N25W31ABC	121	10150006	122ARKR	100	2,597
430326100431101	36N29W35B	121	10150004	121OGLL	98	2,835
430326100520801	36N30W32AACC	121	10150004	121OGLL	180	2,940
430326102240801	36N43W32A	113	10140201	122ARKR	--	3,409
430327100512301	36N30W33BADD	121	10150004	121OGLL	180	2,945
430329101123101	36N33W33ABCB	121	10140203	121OGLL	126	2,959
430331100153301	36N25W33AA	121	10150006	121OGLL	70	2,585
430331100455101	36N29W32BB	121	10150004	121OGLL	60	2,850
430331100512901	36N30W33BAA	121	10150004	121OGLL	170	2,935
430331101141201	36N33W32BB	7	10140203	121OGLL	150	2,999
430332102200601	36N43W36BB	113	10140201	122ARKR	100	3,380
430332102202401	36N43W35AA	113	10140201	122ARKR	125	3,390
430332102202402	36N43W35AA2	113	10140201	122ARKR	75	3,390

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430333101010201	36N31W31BAB	121	10140203	121OGLL	90	2,860
430333101010202	36N31W31BAB2	121	10140203	121OGLL	96	2,860
430333101010203	36N31W31BAB3	121	10140203	121OGLL	28	2,860
430333102322001	36N44W31AA	113	10140201	122ARKR	420	3,385
430334100515201	36N30W33BBB	121	10150004	121OGLL	110	2,896
430335102304901	36N44W33BBDB	113	10140201	122ARKR	115	3,335
430336100214301	36N26W34ABBB	121	10150006	122ARKR	110	2,575
430336101101401	36N33W35BAAA	121	10140203	121OGLL	80	3,020
430336101121701	36N33W33ABAA	121	10140203	121OGLL	132	2,864
430338102201101	36N43W36BBB	113	10140201	122ARKR	100	3,380
430339100534901	36N30W30CDDC	121	10150004	121OGLL	128	2,867
430340101012301	36N32W25DDDD	121	10140203	121OGLL	125	2,841
430342100293901	36N27W28DDBC	121	10150006	122ARKR	147	2,692
430342100391001	36N28W30DDCA	121	10150006	121OGLL	110	2,812
430342100482901	36N30W26DDDB	121	10150004	121OGLL	50	2,851
430342102342501	36N45W25CC	113	10140201	122ARKR	72	3,200
430344100265801	36N27W25CC	121	10150006	122ARKR	170	2,668
430345102150101	36N42W27CDD	113	10140201	122ARKR	200	3,505
430345102200601	36N43W25CC	113	10140201	122ARKR	92	3,358
430345102200602	36N43W25CC2	113	10140201	122ARKR	65	3,359
430345102200603	36N43W25CC3	113	10140201	122ARKR	92	3,358
430345102200604	36N43W25CC4	113	10140201	122ARKR	65	3,358
430346100504701	36N30W28DDAD	121	10150004	121OGLL	50	2,880
430348100172001	36N25W29CDAC	121	10150006	121OGLL	120	2,573
430348100390401	36N28W30DDAB	121	10150006	121OGLL	100	2,792
430349101014601	36N32W25DCAB	121	10140203	121OGLL	160	2,837
430350102284801	36N45W29C	113	10140201	122ARKR	300	3,450
430351100461601	36N29W30D	121	10150004	121OGLL	--	2,874
430351102225601	36N43W28D	113	10140201	122ARKR	--	3,425
430352101013701	36N32W25DACC	121	10140203	121OGLL	98	2,842
430353101005301	36N31W30CADC	121	10140203	121OGLL	90	2,855
430357100433501	36N29W27CBCA	121	10150004	121OGLL	174	2,882
430358100380301	36N28W29DABC	121	10150006	121OGLL	40	2,749
430358102292201	36N44W27CA	113	10140201	122ARKR	300	3,425
430402100504801	36N30W28DAAA	121	10150004	121OGLL	60	2,870
430403100380401	36N28W29ACDD	121	10150006	121OGLL	40	2,755
430403100395001	36N28W30BCDD	121	10150006	121OGLL	100	2,820
430405100434201	36N29W28ADA	121	10150004	121OGLL	160	2,895

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430406100214401	36N26W27ACC	121	10150006	121OGLL	110	2,633
430406100380701	36N28W29ACDC	121	10150006	121OGLL	40	2,771
430408102234901	36N43W29ADDD	113	10140201	122ARKR	355	3,443
430408102235301	36N43W29ADDD2	113	10140201	122ARKR	202	3,450
430408102272201	36N44W26ADDD	113	10140201	122ARKR	354	3,510
430409100291301	36N27W27BDB	121	10150006	122ARKR	165	2,683
430409101125301	36N33W28BCAD	121	10140203	121OGLL	--	3,038
430410100261701	36N27W25ADBB	121	10150006	122ARKR	205	2,658
430411102265901	36N44W25BD	113	10140201	122ARKR	250	3,535
430412100323001	36N27W30BDA	121	10150006	122ARKR	140	2,693
430413101214101	36N34W30AAC	7	10140203	121OGLL	230	--
430414101314401	36N36W26BBD	7	10140203	121OGLL	340	--
430415100451401	36N29W29ACAA	121	10150004	121OGLL	133.5	2,870
430415101025301	36N32W26ACAA	121	10140203	121OGLL	90	2,855
430416100565601	36N31W27A	121	10150004	121OGLL	160	2,976
430416102184501	36N42W30B	113	10140201	122ARKR	128	3,340
430418100480801	36N30W24CCDB	121	10150004	121OGLL	--	2,934
430419101033101	36N32W26BBDD	121	10140203	121OGLL	180	2,858
430422100381201	36N28W29AB	121	10150006	121OGLL	40	2,793
430422101072201	36N32W30AADB	121	10140203	121OGLL	90	2,935
430422102245301	36N43W29BB	113	10140201	122ARKR	200	3,420
430423102322001	36N44W30AA	113	10140201	122ARKR	330	3,500
430424100214301	36N26W27ABBB	121	10150006	122ARKR	130	2,588
430424102093301	36N41W28BBBA	113	10140203	122ARKR	135	3,500
430425100474001	36N30W24CCDA	121	10150004	121OGLL	80	2,934
430426101020201	36N32W25BAA	121	10140203	121OGLL	55	2,845
430427101015801	36N32W25BAAA	121	10140203	121OGLL	195	2,845
430429101320401	36N36W22DDDD2	7	10140203	122ARKR	263	3,068
430433100330701	36N28W24ADD	121	10150006	122ARKR	140	2,675
430435100431201	36N29W22CDBB	121	10150004	121OGLL	--	2,887
430438100483601	36N30W23DDB	121	10150006	121OGLL	50	2,919
430438101314301	36N36W23CCA	7	10140203	121OGLL	350	--
430439100313001	36N27W20CDCC	121	10150006	122ARKR	120	2,709
430439100432801	36N29W22DAC	121	10150004	121OGLL	200	2,878
430440100425201	36N29W22DCA	121	10150004	121OGLL	210	2,895
430440101124301	36N33W21CDAB	121	10140203	121OGLL	105	2,978
430442100405901	36N29W24CDBC	121	10150004	121OGLL	--	2,866
430442100451401	36N29W20DCAB	121	10150004	121OGLL	200	2,885

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430442101003001	36N31W19D	121	10140203	121OGLL	90	2,837
430443100424301	36N29W22DDBB	121	10150006	121OGLL	200	2,890
430443100424601	36N29W22DACC	121	10150004	121OGLL	210	2,883
430443100432201	36N29W22CCAA	121	10150004	121OGLL	185	2,896
430444100261401	36N27W24DAC	121	10150006	122ARKR	145	2,640
430446102381701	36N45W20DA	113	10140201	122ARKR	--	3,400
430448100330701	36N28W24ACDD	121	10150006	122ARKR	50	2,673
430448100332401	36N28W24ACA	121	10150006	122ARKR	40	2,655
430449100424201	36N29W22DACB	121	10150004	121OGLL	200	2,874
430449100573001	36N31W22CABC	121	10150004	121OGLL	135	2,912
430450100453701	36N29W20CA	121	10150004	121OGLL	140	2,868
430450101074601	36N32W30ABC	121	10140203	121OGLL	150	3,000
430451100290001	36N27W22CDBA	121	10150006	122ARKR	75	2,638
430451101041601	36N32W22DBB	121	10140203	121OGLL	83	2,855
430452100431801	36N29W22CABA	121	10150004	121OGLL	212	2,903
430452100484001	36N30W23AACA	121	10150004	121OGLL	220	2,929
430452100484101	36N30W23D	121	10150004	121OGLL	--	2,920
430453100431001	36N29W22CADA	121	10150004	121OGLL	188	2,891
430453100451401	36N29W20DBAB	121	10150004	121OGLL	215	2,903
430454100255101	36N26W19BBC	121	10150006	121OGLL	120	2,650
430454100341801	36N28W23DAAC	121	10150006	122ARKR	120	2,730
430455100241301	36N26W20CAD	121	10150006	122ARKR	140	2,537
430455100425701	36N29W22DBAA	121	10150004	121OGLL	180	2,897
430456100432401	36N29W22CBAA	121	10150004	121OGLL	180	2,913
430457100413701	36N29W23ACDD	121	10150004	121OGLL	240	2,892
430458100300901	36N27W21BDDB	121	10150006	121OGLL	90	2,664
430458101042001	36N32W22CADA	121	10140203	121OGLL	40	2,850
430500102303301	36N44W21BD	113	10140201	122ARKR	300	3,560
430501100504901	36N30W21DAAA	121	10150004	121OGLL	137	2,888
430501100560501	36N31W23BDDA	121	10150004	121OGLL	220	2,970
430501102255401	36N43W19BDBC	113	10140201	122ARKR	360	3,355
430504101314401	36N36W23BBD	7	10140203	121OGLL	320	--
430505100425401	36N29W22ACA	121	10150004	121OGLL	240	2,902
430505100431901	36N29W22BDB	121	10150004	121OGLL	225	2,910
430507100402401	36N29W26ADBB	121	10140203	121OGLL	260	2,869
430507100483701	36N30W23ADBB	121	10150004	121OGLL	217	2,934
430508100424601	36N29W22ADBB	121	10150004	121OGLL	210	2,912
430508100431901	36N29W22BBDD	121	10150006	121OGLL	230	2,911

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—*Continued*

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430509100425501	36N29W22ABDC	121	10150004	121OGLL	240	2,905
430512100291801	36N27W15CC	121	10150006	121OGLL	150	2,698
430512100425201	36N29W22ABD	121	10150004	121OGLL	240	2,913
430512100431801	36N29W22BACB2	121	10150004	121OGLL	240	2,913
430514100432101	36N29W22BACB	121	10150004	121OGLL	240	2,918
430515100225001	36N26W21AAB	121	10150006	121OGLL	120	2,585
430515100331801	36N28W24AAB	121	10150006	122ARKR	100	2,700
430515100331802	36N28W24AAB2	121	10150006	121OGLL	40	2,700
430516100433101	36N29W22BBDD2	121	10150004	121OGLL	--	2,918
430518100533701	36N30W19ABB	121	10150004	121OGLL	145	2,902
430518101255001	36N35W15CCCC2	7	10140203	122ARKR	185	3,090
430520101260401	36N35W15CCCC	7	10140203	122ARKR	165	3,090
430521101223401	36N34W18CCCC2	7	10140203	121OGLL	78.2	3,071
430522100411902	36N29W14DDDD2	121	--	121OGLL	225	2,884
430523100404101	36N29W13DCCC	121	10150006	121OGLL	48	2,840
430523102240201	36N43W17DDCD	113	10140201	122ARKR	306	3,420
430524100394701	36N28W18CDCC	121	10150006	121OGLL	48	2,845
430524100455501	36N29W17ACBC	121	10150004	121OGLL	108	2,925
430524101481601	36N38W16CCCC	7	10140203	122ARKR	279	3,230
430528100242001	36N26W17CDD	121	10150006	122ARKR	50	2,554
430530102092301	36N41W29AAA	113	10140203	122ARKR	120	3,530
430531100575701	36N31W16DDAA	121	10140203	121OGLL	148	2,912
430531102244401	36N43W17C	113	10140201	122ARKR	--	3,390
430531102255601	36N43W18C	113	10140201	122ARKR	200	3,560
430532102092501	36N41W16CC	113	10140201	122ARKR	100	3,400
430532102103501	36N41W17CC	113	10140201	122ARKR	180	3,450
430535100450601	36N29W17DDBA	121	10150006	121OGLL	220	2,916
430536100231501	36N26W16CCAD	121	10150006	122ARKR	110	2,555
430536102385201	36N45W17CA	113	10140201	122ARKR	300	3,220
430537101062801	36N32W17DBD	121	10140203	122ARKR	205	2,860
430538100555201	36N31W14DBD	121	10140203	121OGLL	240	2,957
430540100290401	36N27W15CA	121	10150006	121OGLL	90	2,648
430541100555501	36N31W14DB	121	10140203	121OGLL	140	2,970
430541100574101	36N31W15CB	121	10140203	121OGLL	240	2,938
430541101005601	36N31W18CA	121	10140203	121OGLL	148	2,860
430543101000201	36N31W17CBA	121	10140203	121OGLL	105	2,869
430545101193001	37N34W 4AA	7	10140203	122ARKR	200	3,025
430545102101801	36N41W17CA	113	10140201	122ARKR	150	3,450

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430547100181805	36N25W18CADA	121	10150006	122ARKR	100	2,457
430548100391601	36N28W18ACDD	121	10150006	121OGLL	120	2,857
430549099320001	96N73W30CCC	53	10150001	122ARKR	62	2,299
430549102364801	36N45W15BC	113	10140201	122ARKR	150	3,125
430550101274501	36N35W17ACC	7	10140203	121OGLL	210	--
430550102204201	36N43W14AC	113	10140201	122ARKR	60	3,303
430550102292201	36N44W15BD	113	10140201	122ARKR	365	3,595
430552101014101	36N32W13ACDA	121	10140203	121OGLL	148	2,850
430553100205801	36N26W14BDBB	121	10150006	122ARKR	100	2,500
430553100562201	36N31W14BDCC	121	10140203	121OGLL	--	2,940
430553101463901	36N38W15BDD	7	10140203	122ARKR	260	3,247
430554101102801	36N33W14BDBC	121	10140203	121OGLL	100	2,897
430554102440301	36N46W16AD	113	10140201	122ARKR	105	3,400
430555100433601	36N29W15BBB	121	10150006	121OGLL	160	2,868
430555100493901	36N30W15ADAC	121	10150004	121OGLL	150	2,913
430555100570301	36N31W15ACAC	121	10140203	121OGLL	310	3,005
430556100452501	36N29W17ACBC2	121	10150006	121OGLL	108	2,920
430556100561801	36N31W14BDB	121	10140203	121OGLL	230	2,938
430556101114401	36N33W15BCAD	121	10140203	121OGLL	112	2,915
430556102225601	36N43W16A	113	10140201	122ARKR	--	3,455
430558100430301	36N29W15ACBB	121	10150006	121OGLL	160	2,884
430559100383701	36N28W17BDBB	121	10140203	121OGLL	--	2,815
430559100424601	36N29W15A	121	10140203	121OGLL	--	2,890
430600100220601	36N26W15B	121	10150006	122ARKR	120	2,535
430600100450801	36N29W17ACAA	121	10150004	121OGLL	107	2,930
430600100454101	36N29W17BCAA	121	10150004	121OGLL	260	2,931
430600101450201	36N38W14AAC	7	10140203	122ARKR	150	3,231
430600101461301	36N38W15AAC	7	10140203	122ARKR	360	3,280
430600101472401	36N38W16AAC	7	10140203	122ARKR	375	3,211
430601100364501	36N28W16ABCA	121	10150006	121OGLL	40	2,805
430601101021502	36N32W13B2	121	10140203	121OGLL	47	2,850
430601101021503	36N32W13BABD2	121	10140203	121OGLL	222	2,857
430601102370501	36N45W16AA	113	10140201	122ARKR	108	3,104
430602100472501	36N30W13AADC	121	10150004	121OGLL	170	2,927
430602102204201	36N43W14AB	113	10140201	122ARKR	80	3,320
430603100171502	36N25W 8CDDD2	121	10150006	122ARKR	100	2,455
430603100171503	36N25W 8CDDD1	121	10150006	122ARKR	100	2,455
430603100193603	36N26W13BAC	121	10150006	122ARKR	70	2,460

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430603100313401	36N27W17B	121	10150006	121OGLL	154	2,638
430603100460501	36N29W18AADD	121	10150004	121OGLL	123	2,940
430603101003401	36N31W18ABDD	121	10140203	121OGLL	98	2,877
430603102365901	36N45W16AADA	113	10140201	122ARKR	98	3,102
430604100390801	36N28W 7DDB	121	10150004	121OGLL	214	2,829
430604100390802	36N28W 7DD2	121	10150004	121OGLL	72	2,830
430604100445201	36N29W17AADDR	121	10150004	121OGLL	243	2,905
430604100445302	36N29W17AADD2	121	10150006	121OGLL	123	2,905
430604100445401	36N29W17AADD	121	10150006	121OGLL	243	2,890
430604100445403	36N29W17AADD3	121	10150004	121OGLL	78	2,905
430605100555301	36N31W14ABDB	121	10140203	121OGLL	244	2,968
430605101135701	36N33W17BACA	7	10140203	122ARKR	215.6	2,807
430605101135702	36N33W17BACA2	7	10140203	122ARKR	290.5	2,808
430606101480101	36N38W16CCCC2	7	10140203	122ARKR	285	3,230
430607100212101	36N26W15AAAB	121	10150006	122ARKR	100	2,505
430607100385201	36N28W17BBCA	121	10150006	121OGLL	80	2,821
430608100243901	36N26W17BBC	121	10150006	122ARKR	90	2,550
430608100582401	36N31W16ABBC	121	--	122ARKR	280	2,937
430609100175004	36N25W18AAAD	121	10150006	122ARKR	100	2,468
430609100434201	36N29W16AAAA	121	10150006	121OGLL	222.1	2,863
430609101020901	36N32W13BABD	121	10140203	121OGLL	196	2,844
430610100385401	36N28W17BBBC	121	10150006	121OGLL	72	2,825
430610100471701	36N30W13AAAB	121	10140203	121OGLL	137	2,968
430610100481701	36N30W13BBBB	121	10150004	121OGLL	225.2	2,916
430610100550101	36N31W13BB	121	10140203	121OGLL	195	2,915
430611100454901	36N29W17BBAA	121	10140203	121OGLL	246	2,945
430611102061001	36N41W14AA	113	10140201	122ARKR	168	3,350
430611102072101	36N41W15AA	113	10140201	122ARKR	120	3,350
430612101014401	36N32W12DD	121	10140203	122ARKR	340	2,842
430612101365401	36N37W12D	7	10140203	122ARKR	100	3,073
430612101481201	36N38W16BBB	7	10140203	122ARKR	80	3,460
430613100352901	35N28W14AAAA	121	10150006	122ARKR	120	2,735
430613100445901	36N29W17AAAB	121	--	121OGLL	69	2,885
430613100461101	36N29W18AAAB	121	10150004	121OGLL	240	2,960
430613100544901	36N31W12DCCD	121	10150004	122ARKR	194	2,899
430613101561701	36N31W14BAAA	121	10140203	121OGLL	160	2,955
430614100244802	36N26W18AAAA2	121	10150006	122ARKR	232	2,549
430614100362502	36N28W15BABB2	121	10150004	122ARKR	432	2,778

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430614100362503	36N28W15BABB3	121	10150004	121OGLL	75.25	2,778
430614102342501	36N45W12CC	113	10140201	122ARKR	175	3,260
430614102372301	36N45W 9DC	113	10140201	122ARKR	100	3,100
430614102391001	36N45W 8CC	113	10140201	122ARKR	60	3,290
430615100203301	36N26W11DCDB	121	10150006	122ARKR	65	2,459
430615100341901	36N28W11DD	121	10150006	121OGLL	150	2,765
430615100472701	36N30W12DDCD	121	10150004	121OGLL	285	2,960
430615102290401	36N44W10DC	113	10140201	122ARKR	365	3,470
430617101263501	36N35W 9DCC	7	10140203	121OGLL	350	--
430618100330301	36N28W12DD	121	10150006	121OGLL	20	2,675
430618100503801	36N30W10CCCCA	121	10150004	121OGLL	150	2,948
430619100225301	36N26W 9DB	121	10150006	122ARKR	100	2,495
430619100245401	36N26W 7DD	121	10150006	122ARKR	80	2,550
430619101020501	36N32W12CD2	121	10140203	122ARKR	335	2,895
430619101020601	36N32W12CD	121	10140203	122ARKR	318	2,895
430620101303601	36N36W12C	7	10140203	122ARKR	25	3,060
430621100383101	36N28W 8CBBC	121	10150006	121OGLL	206.5	2,816
430621102135801	36N42W11C	113	10140201	122ARKR	--	3,430
430624100420801	36N29W11CDB	121	10150006	121OGLL	--	2,855
430624100420802	36N29W11CDBB2	121	10150006	121OGLL	235	2,855
430624100461601	36N29W 7DDB	121	10150006	121OGLL	190	2,925
430624101420601	36N37W 8	7	10140203	122ARKR	--	3,175
430625101264101	36N35W 9DBCC	7	10140203	121OGLL	350	--
430625101450101	36N38W11DDB	7	10140203	122ARKR	475	3,241
430625101453801	36N38W11CCA	7	10140203	122ARKR	350	3,215
430625102365001	36N45W10CBCD	113	10140201	122ARKR	120	3,105
430626100565101	36N31W10DACD	121	10140203	122ARKR	235	2,957
430626101032501	36N32W11CDBB	121	10140203	122ARKR	160	2,799
430627100383701	36N28W 8CDBC	121	10150006	121OGLL	194	2,820
430627100532601	36N30W 7D	121	10140203	122ARKR	187	2,960
430627100565101	36N31W10DACD2	121	10140203	122ARKR	360	2,957
430627101464801	36N38W10CBC	7	10140203	122ARKR	540	3,215
430628100413601	36N29W11DBDD	121	10150006	121OGLL	210	2,837
430628100485301	36N30W11D	121	10150004	121OGLL	--	2,950
430628100561601	36N31W11CACD	121	10140203	121OGLL	265	2,995
430628102303301	36N44W 9CA	113	10140201	122ARKR	200	3,520
430628102331401	36N44W 7CB	113	10140201	122ARKR	250	3,400
430629100415401	36N29W11CADD	121	10150006	121OGLL	102	2,838

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430629100434401	36N29W 9DAD	121	10150006	121OGLL	209	2,885
430630100565401	36N31W10DACD3	121	10140203	122ARKR	305	2,958
430630101465001	36N38W10CC	7	10140203	122ARKR	500	3,221
430632100594601	36N31W 8CA	121	10140203	121OGLL	180	2,965
430632101340801	36N36W 9CAB	7	10140203	121OGLL	140	3,037
430633100290201	36N27W10DBBB	121	10150006	121OGLL	150	2,688
430633102220301	36N43W10	113	10140201	122ARKR	--	3,373
430635100473001	36N30W12DBAD	121	10150004	121OGLL	285	2,950
430635100510501	36N30W 9DBAD	121	10150004	121OGLL	150	2,957
430639100383001	36N28W 8CAAB	121	10150006	121OGLL	80	2,820
430639100384901	36N28W29BC	121	10150006	121OGLL	40	2,807
430640100222401	36N26W10BCC	121	10150006	122ARKR	165	2,528
430640101112001	36N33W10ABCA	121	10140203	121OGLL	65	2,881
430641100373601	36N28W 9BCDC	121	10150006	121OGLL	140	2,833
430642101455801	36N38W10ADDD	7	10140203	122ARKR	443	3,199
430642102071501	36N41W10DAAA	113	10140201	122ARKR	135	3,400
430649100364801	36N28W 9ADDA	121	10150006	121OGLL	70	2,805
430650100365301	36N28W 9ACAA	121	10150006	121OGLL	--	2,815
430650100375101	36N28W 8ADAA	121	10150006	121OGLL	140	2,838
430650100450501	36N29W 8ADBB	121	10150004	121OGLL	220	2,878
430650101021001	36N32W 1DCDC	121	10140203	122ARKR	60	2,623
430651101095501	36N33W11A	121	10140203	122ARKR	105	2,878
430651101241001	36N35W11AAC	7	10140203	121OGLL	270	--
430651101403501	36N37W 9AAC	7	10140203	122ARKR	525	--
430652100450601	36N29W 8A	121	10150006	121OGLL	190	2,880
430652100484001	36N30W11ADBB	121	10150004	121OGLL	300	2,949
430652100495101	36N30W10A	121	10150004	121OGLL	--	2,960
430652102125601	36N42W12BB	113	10140201	122ARKR	230	3,500
430652102174201	36N42W 8BB	113	10140201	122ARKR	100	3,370
430652102363001	36N45W10BA	113	10140201	122ARKR	350	3,260
430653100421201	36N29W11BBDD	121	10150006	121OGLL	245	2,844
430653100491201	36N30W11B	121	10150004	121OGLL	--	2,960
430653100513701	36N30W 9B	121	10150004	121OGLL	--	2,973
430653100562101	36N31W11B	121	10140203	122ARKR	265	2,938
430653100565705	36N31W10A5	121	10140203	121OGLL	115	2,990
430653100565706	36N31W10A6	121	10140203	122ARKR	390	2,990
430653100571003	36N31W10BDDA	121	10140203	121OGLL	269	2,926
430653101464801	36N38W10BBD	7	10140203	122ARKR	350	3,182

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County. 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430656100181806	36N25W 7ADCA	121	10150006	122ARKR	30	2,522
430656101445501	36N38W11AAC	7	10140203	122ARKR	480	3,228
430656102002101	36N40W10AAC	7	10140203	122ARKR	50	3,284
430659100434901	36N29W 9AA	121	10150006	121OGLL	200	2,845
430659100434902	36N29W 9AA2	121	10150006	121OGLL	140	2,845
430700100225701	36N26W 9AB	121	10150006	122ARKR	120	2,505
430700100344501	36N28W11ABB	121	10150006	121OGLL	140	2,807
430701100363001	36N28W10BBBB	121	10150006	121OGLL	182.5	2,823
430701100494301	36N30W10AAAC	121	10150004	121OGLL	235	2,962
430702100330501	36N28W12AABA	121	10150006	122ARKR	215	2,806
430702100451701	36N29W 8ABAC	121	10150006	121OGLL	150	2,874
430703100451801	36N29W 8ABAB	121	10150006	121OGLL	140	2,874
430704100145901	36N25W10BABB	121	10150006	121OGLL	30	2,442
430704101390601	36N37W11BBBB2	7	10140203	122ARKR	320	3,159
430704102385201	36N45W 5CD	113	10140201	122ARKR	135	3,070
430705100304701	36N27W 5DDD	121	10150006	121OGLL	120	2,600
430705100450201	36N29W 8AABA	121	--	121OGLL	77	2,865
430705102200601	36N43W 1CC	113	10140201	122ARKR	100	3,345
430705102273401	36N44W 2DD	113	10140201	122ARKR	200	3,460
430707100561201	36N31W 2CDDC	121	10140203	122ARKR	249	2,923
430707101115901	36N33W 3CCCC	121	10140203	121OGLL	45	2,899
430709100530401	36N30W 5C	121	10150004	122ARKR	274	2,985
430709100574701	36N31W 3CCC	121	10140203	121OGLL	265	3,008
430712100230601	36N26W 4DC	121	10150006	122ARKR	160	2,524
430712100371901	36N28W 4CD	121	10150006	121OGLL	173	2,812
430712100421301	36N29W 2CDCC	121	10150006	121OGLL	200	2,850
430712101042801	36N32W 3CD	121	10140203	122ARKR	118	2,686
430713100431701	36N29W 3CDBB	121	10150004	121OGLL	225	2,848
430714100445001	36N29W 4CCBC	121	10150006	121OGLL	150	2,853
430714100563401	36N31W 2CCB	121	10140203	121OGLL	225	2,948
430715100342901	36N28W 2DDBC	121	10150006	121OGLL	--	2,795
430716101214801	36N34W 6DBDC	7	10140203	121OGLL	220	--
430716101595401	36N40W 2CCA	7	10140203	122ARKR	60	3,290
430717100361501	36N28W 3CDBB	121	10150006	121OGLL	--	2,812
430717101381201	36N37W 2DDB	7	10140203	122ARKR	500	--
430718100354801	36N28W 3DBB	121	10150006	121OGLL	160	2,787
430718100393501	38N28W 8ABBA	121	10150006	122ARKR	120	2,620
430718100413601	36N29W 2D2	121	10150006	121OGLL	--	2,845

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430718101010401	36N31W 6C	121	10140203	122ARKR	121	2,650
430718101010402	36N31W 6C2	121	10140203	122ARKR	315	2,650
430719100413601	36N29W 2DCAA	121	10150006	121OGLL	280	2,863
430719100484201	36N30W 2DBDD	121	10150004	121OGLL	275	2,928
430719100495201	36N30W 3D	121	10150004	121OGLL	274	2,968
430719100540101	36N30W 6C	121	10140203	122ARKR	278	2,994
430719100554501	36N31W 2D	121	10140203	121OGLL	180	2,957
430719100562201	36N31W 2C	121	10140203	121OGLL	200	2,934
430719101010601	36N31W 6C3	121	10140203	122ARKR	128	2,600
430719101380501	36N28W 5DACC	121	10150006	121OGLL	140	2,818
430720101361901	36N36W 6CDD	7	10140203	122ARKR	480	--
430721100290001	36N27W 3CA	121	10150006	121OGLL	150	2,663
430721100563001	36N31W 2CB	121	10140203	121OGLL	200	2,934
430721101032801	36N32W 2C	121	10140203	122ARKR	180	2,660
430722100272001	36N27W 2DAC	121	10150006	121OGLL	155	2,724
430723100512101	36N30W 4DBCB	121	10150004	121OGLL	235	2,978
430723102362101	36N45W 3	113	10140201	122ARKR	--	3,340
430724100511901	36N30W 4	121	10150004	121OGLL	--	2,985
430726100522301	36N30W 5DB	121	10150004	122ARKR	324	3,002
430727100170303	36N25W 5DAAC	121	10150003	122ARKR	85	2,427
430727100170304	36N25W 5DBD	121	10150006	122ARKR	45	2,440
430727100262801	36N27W 1	121	10150006	122ARKR	128	2,650
430727101433601	36N38W 1DAA	7	10140203	122ARKR	450	3,198
430728101031201	36N32W 2CAA	121	10140203	121OGLL	50	2,740
430730102282801	36N44W 2BC	113	10140201	122ARKR	250	3,400
430730102292201	36N44W 3BD	113	10140201	122ARKR	280	3,400
430731100365501	36N28W 4DBAA	121	10150006	121OGLL	155	2,798
430734100524201	36N30W 5BDCA	121	10150004	121OGLL	90	3,010
430737100350601	36N28W 2BDAC	121	10150006	121OGLL	140	2,773
430737100350602	36N28W 2BDAC2	121	10150006	121OGLL	167	2,773
430737100535101	36N30W 6BDCA	121	10140203	122ARKR	273	3,018
430738100340601	36N28W 1BCB	121	10150006	121OGLL	80	2,780
430738102055901	36N41W 1BBCB	113	10140203	122ARKR	250	3,418
430742102053501	36N41W 1BD	113	10140201	122ARKR	150	3,400
430743100203301	36N26W 2ACB	121	10150006	122ARKR	100	2,515
430743100372001	36N28W 4BDBA	121	10150006	121OGLL	178	2,817
430744101593201	36N40W 2ABBB	7	10140203	122ARKR	398	3,300
430745100474201	36N30W 1DACA	121	10150004	121OGLL	185	2,933

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430748100355701	37N28W35DCCB	121	10150006	121OGLL	110	2,805
430748100455601	37N29W33CCCC	121	10140203	121OGLL	203.1	2,909
430748102154801	37N42W35CCDC	113	10140201	122ARKR	505	3,447
430749100394201	37N28W32CDD	121	10150006	121OGLL	227	2,821
430750101594301	37N40W36DDBC	7	10140203	122ARKR	400	3,264
430751101142801	37N33W32DCAA	7	10140203	121OGLL	370	2,940
430751101280601	37N35W33CCA	7	10140203	121OGLL	320	3,018
430751102120801	37N41W32CD	113	10140201	122ARKR	250	3,405
430752101560701	37N39W33DDB	7	10140203	122ARKR	50	3,274
430752101580001	37N39W32CCA	7	10140203	122ARKR	40	3,297
430752102282301	37N44W36DCCB	113	10140201	122ARKR	300	3,350
430753101061301	37N32W33D	121	10140203	122ARKR	180	2,900
430754100444001	37N29W34CADD	121	10150006	121OGLL	179	2,841
430754100444002	37N29W34CCAA	121	10150006	121OGLL	181	2,843
430754101100401	37N33W36CADD	121	10140203	121OGLL	80	2,888
430755100392001	37N28W32DCAA	121	10150006	121OGLL	220	2,819
430755102061001	36N41W 2AA	113	10140201	122ARKR	180	3,400
430755102250201	37N43W33CD	113	10140201	122ARKR	75	3,200
430756100231601	37N26W34CCAA	121	10150006	122ARKR	140	2,540
430756100453501	36N29W 5CA	121	10150006	121OGLL	140	2,931
430756100454501	37N29W33CBDD	121	10150006	121OGLL	--	2,890
430757100183301	37N25W32CCAB	121	10150006	122ARKR	124	2,423
430757100391301	37N28W31D	121	10150006	121OGLL	--	2,821
430757100484001	37N30W36D	121	10140203	121OGLL	--	2,980
430757101213301	37N34W32DACB	7	10140203	121OGLL	350	3,001
430758100383701	37N28W33CCAA	121	10150006	121OGLL	--	2,810
430758100394701	37N28W32DDBB	121	10150006	121OGLL	230	2,820
430758100395001	37N28W32CBDD	121	10150006	121OGLL	240	2,827
430758100413701	37N29W36D	121	10150006	121OGLL	--	2,828
430758100480601	37N29W31CACC	121	10140203	121OGLL	--	2,939
430759100402601	37N28W31DBDD	121	10150006	121OGLL	235	2,828
430759101460001	37N38W36CCA	7	10140203	122ARKR	520	3,202
430800100355601	37N28W35D	121	10150006	121OGLL	--	2,800
430800100491801	37N30W36A2	121	10140203	122ARKR	320	2,935
430800100555301	37N31W36DACB	121	10140203	121OGLL	312	3,058
430800101593601	37N40W36D	7	10140203	122ARKR	457	3,300
430801102403001	37N45W32C	113	10140201	122ARKR	132	3,100
430802100405801	37N28W31CA	121	10150006	121OGLL	237	2,775

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430802101085101	37N32W31DBBC	121	10140203	121OGLL	80	2,860
430802101543402	37N30W31DA2	121	10140203	121OGLL	240	--
430803100212801	37N26W35DBDA	121	10150006	122ARKR	140	2,554
430803100455501	37N29W33CDCB	121	10150006	121OGLL	300	2,880
430804102072201	37N41W36CA	113	10140201	122ARKR	150	3,451
430805102280801	37N44W36D	113	10140201	122ARKR	--	3,300
430805102325101	37N44W32D	113	10140201	122ARKR	--	3,550
430806100401001	37N28W31DAAD	121	10150006	121OGLL	120	2,805
430806102402801	37N45W32CACB	113	10140201	122ARKR	132	3,090
430807100450501	37N29W33DAB	121	10150006	121OGLL	--	2,858
430807100591001	37N31W33DAA	121	10140203	122ARKR	445	3,037
430808102242701	37N43W33DA	113	10140201	122ARKR	90	3,315
430809100372401	37N28W34BDA2	121	10150006	121OGLL	171.1	2,800
430809100372402	37N28W34BBDC	121	10150006	122ARKR	200	2,812
430809102402801	37N45W32CABC	113	10140201	122ARKR	115	3,040
430811101574401	37N39W32BD	7	10140203	122ARKR	573	3,303
430811102214201	37N43W36CBAA	113	10140201	122ARKR	115	3,218
430813102153301	37N42W35	113	10140201	122ARKR	--	3,480
430814100594101	37N31W33BDCB	121	--	122ARKR	440	3,020
430814102245301	37N43W33	113	10140201	122ARKR	162	3,210
430815100404001	37N28W31ACA	121	10150006	121OGLL	170	2,795
430817100263501	37N26W31BDD	121	10150006	122ARKR	145	2,722
430817100312001	37N27W33BD	121	10150006	122ARKR	120	2,620
430818101291701	37N35W32B	7	10140203	121OGLL	350	2,998
430819101064801	37N32W33B	121	10140203	122ARKR	180	2,870
430819101223701	37N34W31AADC	7	10140203	121OGLL	350	2,988
430820100371401	37N28W34ABDA	121	10150006	121OGLL	171.1	2,783
430820102402101	37N45W32BD	113	10140201	122ARKR	98	3,075
430821100373401	37N28W34BCAB	121	10150006	122ARKR	200	2,808
430821100435501	37N29W34ADBA	121	10150006	121OGLL	--	2,801
430821102211201	37N43W36AC	113	10140201	122ARKR	110	3,260
430821102214801	37N43W36BC	113	10140201	122ARKR	115	3,245
430821102242701	37N43W33AD	113	10140201	122ARKR	100	3,300
430822101210701	37N34W33BBDB	7	10140203	121OGLL	164	2,988
430823100441201	37N29W34ACA	121	10150006	121OGLL	150	2,830
430823100451001	37N29W33ADBB	121	10150006	121OGLL	187	2,858
430823100454801	37N29W33BBDD	121	10150006	121OGLL	--	2,870
430823100484101	37N30W36A	121	10140203	121OGLL	--	2,940

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430824100522501	37N30W33ABD	121	10140203	122ARKR	265	2,985
430824101472701	37N38W34AADC	7	10140203	122ARKR	50	3,231
430824102091401	37N41W34A	113	10140203	122ARKR	250	3,428
430825101151801	37N33W32BBBB3	7	10140203	122ARKR	143	2,960
430826100534101	37N30W32ABDA	121	10140203	122ARKR	275	2,975
430826100542402	37N30W32BBCB2	121	10140203	121OGLL	240	2,983
430827100390201	37N28W32AADC	121	10150006	121OGLL	160	2,754
430828101145601	37N33W32BABA	7	10140203	121OGLL	350	2,943
430829100572801	37N31W35BBBD	121	10140203	122ARKR	341	3,005
430829100572802	37N31W35BBBD2	121	10140203	122ARKR	342	3,005
430829101294101	37N35W31AAAA	7	10140203	122ARKR	302	2,999
430830102100301	37N41W34BB	113	10140201	122ARKR	200	3,434
430831100580301	37N31W34ABAC	121	10140203	121OGLL	295	2,970
430832101364701	37N36W31B	7	10140203	122ARKR	425	3,189
430833100402301	37N28W31AABC	121	10150006	121OGLL	180	2,758
430833100540501	37N30W32BABB	121	--	122ARKR	280	3,000
430833100555601	37N31W25CDDC	121	10140203	121OGLL	197	3,012
430833100555602	37N31W25CDDC2	121	10140203	121OGLL	300	3,012
430833100561301	37N31W25CDDD	121	10140203	121OGLL	315	3,012
430833102152401	37N42W35AB	113	10140201	122ARKR	200	3,440
430833102200501	37N42W31AB	113	10140201	122ARKR	348	3,240
430834100561702	37N31W25CC2	121	10140203	121OGLL	200	3,015
430835101554601	37N39W34CCCC	7	10140203	122ARKR	382	3,284
430836100464301	37N29W29CDDD	121	10150006	121OGLL	88	2,870
430836100555601	37N31W25CDDB	121	10140203	121OGLL	195	3,010
430836100555602	37N31W25CDDB2	121	10140203	121OGLL	300	3,010
430836100562401	37N31W25CCCB	121	10140203	121OGLL	290	3,009
430837100464301	37N29W29CDDD2	121	10150006	121OGLL	88	2,870
430838100460201	37N29W28CCCC	121	10150006	121OGLL	88	2,877
430838100561701	37N31W25CC	121	10140203	122ARKR	370	3,015
430838100570901	37N31W26CD	121	10140203	121OGLL	341	3,022
430839100373801	37N28W27CCCC	121	10150006	121OGLL	182.3	2,805
430839100543801	37N30W30DDC	121	10140203	121OGLL	230	2,990
430840100445601	37N29W28DDDD	121	10140203	121OGLL	194.7	2,858
430840100561001	37N31W25CCAD	121	10140203	121OGLL	295	3,015
430841100431101	37N29W26CDDB	121	10150006	121OGLL	--	2,782
430841100453601	37N29W28CDDB	121	10140203	121OGLL	150	2,865
430841100541701	37N30W29CC	121	10140203	122ARKR	400	2,970

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430841101080401	37N32W29CCAD	121	10140203	121OGLL	210	2,892
430842100411301	37N28W30CCCB	121	10150006	121OGLL	184.1	2,770
430842100541801	37N30W29CCBD	121	10140203	121OGLL	274	2,980
430842102123401	37N41W30DD	113	10140201	122ARKR	125	3,380
430844101565001	37N39W28CCA	7	10140203	122ARKR	130	3,303
430845100571903	37N31W26C3	121	10140203	122ARKR	350	3,017
430846101460001	37N38W36C	7	10150003	122ARKR	600	3,215
430846101572001	37N39W29DDB	7	10140203	122ARKR	400	3,310
430847101031201	37N32W25C	121	10140203	121OGLL	200	2,825
430847101101201	37N33W25CACD	121	10140203	121OGLL	160	2,967
430847101452001	37N38W25DDB	7	10140203	122ARKR	500	3,244
430847102211701	37N43W25DCC	113	10140201	122ARKR	--	3,221
430847102420701	37N46W25DD	113	10140201	122ARKR	--	3,080
430848100361301	37N28W26C	121	10150006	121OGLL	--	2,780
430848100382501	37N28W28CDAA	121	10150006	121OGLL	230	2,807
430848100390001	37N28W29DDAA	121	10150006	121OGLL	174.5	2,752
430848100473101	37N29W30D	121	10140203	121OGLL	--	2,905
430848100544001	37N30W30DDBC	121	10140203	121OGLL	272	2,980
430848100551901	37N30W30C	121	10140203	122ARKR	315	2,995
430849100361201	37N28W26C2	121	10150006	121OGLL	192	2,780
430849100404201	37N28W30	121	10150006	121OGLL	--	2,802
430849100421201	37N29W25C	121	10150006	121OGLL	--	2,795
430849100424901	37N29W26DDBB	121	10150006	121OGLL	173	2,786
430850100432401	37N29W26CCAA	121	10150006	121OGLL	177	2,789
430850100440001	37N29W27DDBB	121	10150006	121OGLL	177	2,825
430850100443601	37N29W27CCAA	121	10150006	121OGLL	177	2,835
430851100210801	37N26W26DADD	121	10150006	122ARKR	140	2,576
430851101095301	37N33W25DCDC	121	10140203	121OGLL	160	2,955
430852100361603	37N28W26C3	121	10150006	121OGLL	192	2,780
430852100435001	37N29W27DACD	121	10150004	121OGLL	180	2,825
430853100405501	37N28W30CACA	121	10150006	121OGLL	140	2,768
430855100541501	37N30W29CB	121	10140203	121OGLL	265	2,980
430856100364301	37N29W29CAAD	121	10140203	121OGLL	150	2,838
430857100445101	37N29W27CBBC	121	10150006	121OGLL	183	2,853
430857102302101	37N44W27DACA	113	10140201	122ARKR	--	3,380
430858100202301	37N26W25DBBD	121	10150006	122ARKR	140	2,565
430858100445302	37N29W27CBBC2	121	10150006	121OGLL	133	2,853
430858100445503	37N29W27CBBC3	121	10150004	121OGLL	78	2,850

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430859101542401	37N39W26CBAA	7	10140203	122ARKR	300	3,313
430900100330201	37N27W30DAA	121	10150006	121OGLL	155	2,733
430900100541101	37N30W29C	121	10140203	122ARKR	400	2,980
430900101342901	37N36W28DA	7	10140203	122ARKR	100	3,040
430901100513001	37N30W27CAAA	121	10140203	122ARKR	220	2,880
430905100395201	37N28W29BCDD	121	10150006	121OGLL	120	2,755
430905102201301	37N42W30	113	10140201	122ARKR	--	3,325
430907100401001	37N28W30ADDA	121	10150006	121OGLL	80	2,757
430907101073801	37N32W29ACB	121	10140203	121OGLL	165	2,910
430907101561701	37N39W28ACC	7	10140203	122ARKR	500	3,307
430908100175801	37N25W29ACDD	121	10150006	122ARKR	60	2,374
430908100175802	37N25W29ACDD2	121	10150006	122ARKR	30	2,374
430909100333501	37N27W30BDDA	121	10150006	121OGLL	150	2,722
430909100444501	37N29W27BC	121	10150006	121OGLL	140	2,797
430909100452701	37N29W28ACBC	121	10150006	121OGLL	150	2,880
430910100454701	37N29W28BDBC	121	10150006	121OGLL	177	2,840
430910100490201	37N30W25ACBC	121	10140203	121OGLL	165	2,899
430910101202401	37N34W28AAC	7	10140203	121OGLL	340	2,962
430910101340301	37N36W27BBC	7	10140203	122ARKR	220	3,100
430910101354901	37N36W29AAC	7	10140203	122ARKR	250	3,165
430910102143001	37N42W25BCC	113	10140201	122ARKR	170	3,350
430911100571901	37N31W26B	121	10140203	122ARKR	344	3,025
430912100415501	37N29W24	121	10150006	121OGLL	150	2,827
430912100542301	37N30W29BCBB	121	10140203	121OGLL	216	2,997
430913102220501	37N43W26AD	113	10140201	122ARKR	170	3,240
430913102364301	37N45W26BD	113	10140201	122ARKR	432	3,390
430914100455201	37N29W28BCAB	121	10140203	121OGLL	110	2,848
430914100501601	37N30W26B	121	10140203	121OGLL	150	2,923
430914101134001	37N33W28BAAA	7	10140203	121OGLL	266	2,961
430915100383601	37N28W28B	121	10150006	121OGLL	--	2,755
430915100421401	37N29W25BBDD	121	10150006	121OGLL	220	2,799
430915100432301	37N29W26B	121	10150006	121OGLL	--	2,803
430916100424901	37N29W26AACC	121	10150006	121OGLL	189	2,808
430916100432501	37N29W26BBDD	121	10150006	121OGLL	161	2,799
430916100443601	37N29W27BBDD	121	10150006	121OGLL	208	2,868
430917101474301	37N38W27AAC	7	10140203	122ARKR	370	3,264
430918100391501	37N28W29AACC	121	10150006	121OGLL	180	2,733
430920100213001	37N26W26ABD	121	10150006	122ARKR	100	2,565

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430920100444801	37N29W27BBCA	121	10150006	121OGLL	190	2,877
430920100581201	37N31W22ABCD2	121	10140203	122ARKR	430	2,943
430922100410302	37N28W30BBAA2	121	--	122ARKR	320.5	2818
430923101484301	37N38W28AAAA	7	10140203	122ARKR	398	3,268
430924100460601	37N29W29AAAA	121	10150006	121OGLL	204.3	2,868
430925100251701	37N26W20CAAA3	121	10150006	122ARKR	--	2,559
430925102144901	37N42W25BB	113	10140201	122ARKR	160	3,380
430926100290301	37N27W26BAB	121	10150006	122ARKR	250	2,564
430926101271801	37N35W21DDDD2	7	10140203	122ARKR	--	2,975
430927100543401	37N30W19DDDC	121	10140203	122ARKR	366	3,000
430928101532401	37N39W25BBBB	7	10140203	122ARKR	382	3,287
430929101104202	37N33W26AAAA2	121	10140203	122ARKR	395	2,953
430929101104203	37N33W26AAAA3	121	10140203	121OGLL	236	2,953
430931100251801	37N26W20CDD	121	10150006	122ARKR	140	2,605
430932100211701	37N26W23DDCD	121	10150006	122ARKR	140	2,538
430932100262401	37N26W19DCC	121	10150006	121OGLL	160	2,655
430932100390001	37N28W21CCCC	121	10150006	121OGLL	163	2,772
430932100424901	37N29W23DACC	121	10150006	121OGLL	210	2,840
430933100415401	37N29W24CDD	121	10150006	121OGLL	150	2,820
430934100445701	37N29W21DDDA	121	10150006	121OGLL	180	2,880
430937100445801	37N29W21DDAD	121	10150006	121OGLL	--	2,880
430937101194901	37N34W22CCA	7	10140203	121OGLL	350	2,949
430938100273701	37N27W24DCB	121	10150006	122ARKR	165	2,595
430938101494101	37N38W21CCA	7	10140203	122ARKR	450	3,247
430938101523101	37N39W24DDB	7	10140203	122ARKR	130	3,297
430940100340501	37N28W24DDAA	121	10150006	121OGLL	80	2,559
430940100364101	37N28W22C	121	10150006	121OGLL	--	2,740
430940100373201	37N28W22CABB2	121	10150006	121OGLL	214	2,732
430941100394701	37N28W20C	121	10150006	121OGLL	--	2,750
430941101433601	37N37W20C	7	10140203	122ARKR	260	3,240
430943100572801	37N31W23CB	121	--	122ARKR	440	3,000
430943101192301	37N34W22DBB	7	10140203	121OGLL	370	2,965
430943101551401	37N39W22DBCC	7	10140203	122ARKR	160	3,287
430946102012401	37N40W23CAA	7	10140203	122ARKR	400	1,030
430947101274801	37N35W21DBB	7	10140203	121OGLL	200	2,992
430948101571601	37N39W20DABC	7	10140203	122ARKR	460	3,343
430949100252301	37N26W20CAAA3	121	10150006	122ARKR	130	2,559
430949101292701	37N35W20CBBA	7	10140203	121OGLL	128	2,995

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
430950101275401	37N35W21BDD	7	10140203	122ARKR	120	2,950
430952100251701	37N26W20CAA	121	10150006	122ARKR	130	2,560
430952100251702	37N26W20CAA2	121	10150006	122ARKR	130	2,570
430952100433901	37N29W23CBB	121	--	121OGLL	150	2,853
430952100493401	37N30W24CBBA	121	10140203	121OGLL	105	2,851
430952100550201	37N30W19DDDA	121	10140203	122ARKR	393	2,996
430952102231601	37N43W22DA	113	10140201	122ARKR	120	3,210
430953100200001	37N26W24DAA	121	10150006	122ARKR	90	2,451
430953100251702	37N26W20CAAA2	121	10150006	122ARKR	140	2,559
430953100252901	37N26W20CAB	121	10150006	122ARKR	130	2,592
430953100550001	37N30W19DDAC	121	10140203	122ARKR	314	2,995
430954101551201	36N39W 9BAC	7	10140203	122ARKR	120	3,450
430954102421801	37N46W24DBAD	113	10140201	122ARKR	355	2,998
430955100402401	37N28W19ADCC	121	10150006	121OGLL	--	2,758
430955101233501	37N34W19CBB	7	10140203	122ARKR	120	2,970
430955102324201	37N44W20DA	113	10140201	122ARKR	400	3,500
430956100402901	37N28W19ACDD	121	10150006	121OGLL	120	2,800
430958100384001	37N28W21BCDD	121	10150006	121OGLL	205	2,742
430959100444001	37N29W22CCCC	121	10150006	122ARKR	265	2,882
431000100325101	37N27W20BCD	121	10150006	122ARKR	80	2,620
431001100375301	37N28W21ADBC	121	10150006	121OGLL	214	2,732
431002101194901	37N34W22BBD	7	10140203	121OGLL	370	2,969
431002101195001	37N34W22BBD2	7	10140203	121OGLL	350	2,969
431002101205901	37N34W21BBD	7	10140203	121OGLL	350	2,956
431002101210001	37N34W21BBD2	7	10140203	121OGLL	350	2,956
431002101254501	37N35W23BBD	7	10140203	121OGLL	260	2,969
431003100183201	37N25W19ADBC	121	10150006	122ARKR	130	2,438
431003101091101	37N32W19B	121	10140203	121OGLL	160	3,038
431003101395901	37N37W23B	7	10140203	122ARKR	420	3,231
431005100484401	37N30W24A	121	10140203	121OGLL	--	2,900
431005100580402	37N31W22ABCD3	121	10140203	122ARKR	450	2,943
431005101553501	37N39W22BBD	7	10140203	122ARKR	480	3,330
431005102225801	37N43W23BC	113	10140201	122ARKR	120	3,200
431006100425001	37N29W23ADBB	121	10140203	121OGLL	210	2,839
431007101250601	37N35W23A	7	10140203	121OGLL	470	2,978
431007101435101	37N37W20BBCC	7	10140203	122ARKR	--	3,264
431008100423401	37N29W23AADD	121	10150006	121OGLL	150	2,864
431008100443701	37N29W22BBDD	121	10150006	121OGLL	238	2,861

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431009101274101	37N35W21ABB	7	10140203	121OGLL	390	3,002
431010100362001	35N28W10CCBC	121	10140203	122ARKR	125	2,750
431011100440501	37N29W22ABAD	121	10150006	121OGLL	180	2,832
431011100595701	37N31W21B	121	10140203	122ARKR	82	2,565
431013100391501	37N28W20AACB	121	10150006	121OGLL	206	2,733
431015102064601	37N41W24AA	113	10140201	122ARKR	200	3,461
431015102111501	37N41W21BB	113	10140201	122ARKR	349	3,543
431017102141401	37N42W24AB	113	10140201	122ARKR	250	3,300
431018101132301	37N33W16DCDC	121	10140203	121OGLL	270	3,023
431018101152001	37N33W17CCCC	7	10140203	121OGLL	181	2,998
431018101212001	37N34W17DDDD	7	10140203	122ARKR	43.7	2,956
431018102222301	37N43W23AB	113	10140201	122ARKR	380	3,360
431018102224101	37N43W23BA	113	10140201	122ARKR	420	3,300
431019100200001	37N26W24AAA	121	10150006	122ARKR	110	2,471
431019100453201	37N29W21BAAA	121	10140203	121OGLL	154	2,885
431020100243501	37N26W16CCBB	121	10150006	122ARKR	--	2,530
431021100384701	37N28W16CCDD	121	10150006	121OGLL	80	2,744
431021100542401	37N30W17CCCC	121	10140203	122ARKR	332	2,995
431021101094201	37N33W13DDCB	121	10140203	121OGLL	230	3,054
431022100242001	37N26W22CADC	121	10150006	121OGLL	140	2,595
431022100542301	37N30W17CCCB	121	10140203	122ARKR	386	2,995
431022101555001	37N39W16DDDD	7	10140203	122ARKR	565	3,350
431022101570101	37N39W17DDDD	7	10140203	122ARKR	305	3,337
431025100541701	37N30W17CC	121	10140203	122ARKR	342	2,975
431025101291501	37N35W19C	7	10140203	122ARKR	60	3,000
431027100333001	37N27W18DDAB	121	10150004	121OGLL	53	2,609
431027100403601	37N28W18DCDB	121	10150006	121OGLL	165	2,818
431029101150401	37N33W17CBDD	7	10140203	121OGLL	300	2,992
431029101400902	37N37W17CB2	7	10140203	122ARKR	500	3,287
431029101441601	37N37W18DCAB	7	10140203	122ARKR	--	3,290
431030101031201	37N32W13CAD	121	10140203	122ARKR	325	2,970
431030101215001	37N34W17D	7	10140203	122ARKR	120	2,970
431030101560001	37N39W16DDDD2	7	10140203	122ARKR	565	3,350
431031101431801	37N37W17CADD	7	10140203	122ARKR	--	3,284
431031101435201	37N37W17CCBB	7	10140203	122ARKR	--	3,297
431031101442201	37N37W18DCBA	7	10140203	122ARKR	--	3,287
431032100231301	37N26W15CC	121	10150006	122ARKR	160	2,553
431032100440201	37N29W15D	121	10150006	121OGLL	--	2,852

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431033100432601	37N29W14DDBB	121	10150006	121OGLL	--	2,855
431033100493201	37N30W13CBCD	121	10140203	121OGLL	60	2,783
431034100443601	37N29W15C	121	10150006	121OGLL	--	2,843
431034100451201	37N29W16D	121	10140203	121OGLL	--	2,858
431034100454801	37N29W16CBDD	121	10150006	121OGLL	240	2,863
431034101441101	37N37W18D	7	10140203	122ARKR	480	3,293
431034101441102	37N37W18D2	7	10140203	122ARKR	500	3,293
431035100381701	37N28W17DDBB	121	10150006	121OGLL	210	2,725
431036102192301	37N42W17C	113	10140201	122ARKR	--	3,490
431037100381801	37N28W17DBDD	121	10150006	121OGLL	193	2,719
431038101433701	37N37W17CB	7	10140203	122ARKR	580	3,313
431040100442801	37N29W15CABB	121	10150006	121OGLL	222	2,855
431042100535601	37N30W17CAA	121	10140203	122ARKR	460	2,927
431043102171001	37N42W15CB	113	10140201	122ARKR	312	3,460
431044100252301	37N26W17CAA	121	10150006	122ARKR	160	2,515
431044101431801	37N37W17CAAA	7	10140203	122ARKR	--	3,208
431044102363201	37N45W14DB	113	10140201	122ARKR	410	3,575
431045101293701	37N35W18DAAA	7	10140203	121OGLL	27.1	2,995
431047100445601	37N29W16DAAA	121	10140203	121OGLL	100	2,875
431050100274501	37N27W13BDD	121	10150006	122ARKR	140	2,530
431051100283801	37N27W14ACD	121	10150006	122ARKR	150	2,532
431051100293101	37N27W15ADD	121	10150006	122ARKR	150	2,518
431051100434701	37N29W15ADDA	121	10150006	121OGLL	150	2,849
431054101154001	37N33W18AAC	7	10140203	121OGLL	225	3,005
431057100220701	37N26W14BCA	121	10150006	122ARKR	165	2,515
431058100462401	37N29W17A	121	10140203	121OGLL	--	2,850
431100100305801	37N27W16A	121	10150006	122ARKR	115	2,547
431100100461601	37N29W17AACD	121	10140203	121OGLL	180	2,845
431100100481101	37N29W18A	121	10140203	121OGLL	143	2,810
431100101440801	37N37W18A	7	10140203	122ARKR	240	3,330
431100102320701	37N44W16BD	113	10140201	122ARKR	276	3,400
431102102155101	37N42W14B	113	10140201	122ARKR	--	3,290
431106100581301	37N31W15B	121	10140203	122ARKR	73	2,640
431106101233001	37N34W17B	7	10140203	122ARKR	120	2,950
431108100584601	37N31W10CCC	121	10140203	122ARKR	145	2,550
431109100445901	37N29W16AAAA	121	10140203	121OGLL	183.8	2,852
431115100360401	37N28W14	121	10150006	122ARKR	163	2,750
431116100453901	37N29W 9CDCA	121	10140203	121OGLL	100	2,831

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431117101165601	37N33W 7DCA	7	10140203	121OGLL	280	3,000
431117101314101	37N36W12C	7	10140203	121OGLL	80	3,000
431117101343501	37N36W 9DDB	7	10140203	122ARKR	400	3,083
431119100514701	37N30W10C	121	10140203	122ARKR	210	2,725
431120102094501	37N41W10CD	113	10140201	122ARKR	300	3,608
431120102133801	37N41W 7CC	113	10140201	122ARKR	150	3,362
431121101154001	37N33W 7DDB	7	10140203	121OGLL	390	3,001
431122100551201	37N30W 7CDBA	121	10140203	122ARKR	315	2,770
431122100551202	37N30W 7CDBA2	121	10140203	122ARKR	187	2,770
431122102172801	37N42W 9DD	113	10140201	122ARKR	187	3,400
431123100364101	37N28W10DAA	121	10150006	121OGLL	205	2,746
431123100372901	37N28W10C	121	10150006	121OGLL	--	2,762
431124101161501	37N33W 7C	7	10140203	121OGLL	340	3,034
431125100454801	37N29W 9C	121	10140203	121OGLL	--	2,825
431126100321001	37N27W 8D	121	10150006	122ARKR	100	2,553
431126102311401	37N44W10CC	113	10140201	122ARKR	300	3,300
431126102342801	37N44W 7CD	113	10140201	122ARKR	345	3,250
431127100235201	37N26W10CBDC	121	10150006	122ARKR	160	2,480
431127100440201	37N29W10D	121	10150006	121OGLL	--	2,832
431127100532801	37N30W 8DCDA	121	10140203	121OGLL	150	2,880
431128100410101	37N28W 7C	121	10150006	121OGLL	--	2,825
431128100513101	37N30W10CADA	121	10140203	121OGLL	175	2,718
431130100234301	37N26W 9DAC	121	10150006	122ARKR	80	2,480
431131100580701	37N31W10DBBB	121	10140203	122ARKR	55	2,530
431133100402201	37N29W13CBCD	121	10150006	121OGLL	150	2,796
431135100540201	37N30W 8CABA	121	10140203	121OGLL	185	2,890
431136101200901	37N34W 9AAAA	7	10140203	121OGLL	93.6	2,978
431137100310801	37N27W 9DBB	121	10150006	122ARKR	60	2,535
431138100441601	37N29W10DBBB	121	10150006	121OGLL	150	2,818
431139100311501	37N27W 9CAAA	121	10150006	122ARKR	120	2,540
431139100540201	37N30W 8BDCD	121	10140203	121OGLL	215	2,885
431139100541501	37N30W 8BCDC	121	10140203	121OGLL	47	2,884
431140100430901	37N29W11ACBD	121	10150006	121OGLL	93	2,800
431141100422501	37N29W12BCDD	121	10150006	121OGLL	150	2,825
431141100464301	37N29W 8BDDD	121	10140203	121OGLL	125	2,843
431142101163101	37N34W12D	7	10140203	122ARKR	100	2,965
431142102212101	37N43W12	113	10140201	122ARKR	--	3,400
431145100350201	37N28W12BDB	121	10150006	122ARKR	180	2,680

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431145102315801	37N44W 9	113	10140201	122ARKR	--	3,420
431147101161501	37N33W 7BBD	7	10140203	121OGLL	360	3,054
431147101202601	37N34W 9AAC	7	10140203	121OGLL	260	2,985
431148101165001	37N33W 7ABD	7	10140203	121OGLL	260	3,000
431148101172401	37N33W 7BBD2	7	10140203	121OGLL	420	3,000
431148101174001	37N34W12BBC	7	10140203	121OGLL	320	3,047
431148101195101	37N34W10B	7	10140203	121OGLL	255	2,992
431148102135601	37N42W12AD	113	10140201	122ARKR	40	3,450
431148102150701	37N42W11AD	113	10140201	122ARKR	160	3,320
431149100462301	37N29W 8AADC	121	10140203	122ARKR	--	2,810
431149102355701	37N45W12BC	113	10140201	122ARKR	392	3,330
431150100244001	37N26W 9BBBD	121	10150006	122ARKR	77	2,447
431150100534401	37N30W 8ACBA	121	10140203	121OGLL	33	2,864
431151101205701	37N34W 9BACB	7	10140203	121OGLL	375	2,986
431151101474101	37N38W10AAC	7	10140203	122ARKR	420	3,362
431152102302101	37N44W10AD	113	10140201	122ARKR	115	3,210
431156101105801	37N33W11AAB	121	10140203	121OGLL	305	3,153
431157100240601	37N26W 9BADA	121	10150006	122ARKR	70	2,455
431159100412102	37N28W 7BBBC2	121	--	122ARKR	243	2,793
431159100412103	37N28W 7BBBC3	121	--	121OGLL	98.1	2,793
431200101034801	37N32W11ABA	121	10140203	121OGLL	245	3,060
431201102174601	37N42W 9AB	113	10140202	122ARKR	187	3,340
431202100225401	37N26W10BAA	121	10150006	122ARKR	120	2,449
431202100243701	37N26W 9BBB	121	10150006	122ARKR	70	2,436
431202100243702	37N26W 9BBB2	121	10150006	122ARKR	70	2,436
431202101481301	37N38W 3DDD	7	10140203	122ARKR	240	3,300
431204100541301	37N30W 5CCDD	121	10140203	122ARKR	250	2,868
431206100451501	37N29W 4DCDD	121	10140203	122ARKR	270	2,867
431206100472401	37N29W 6DDDC	121	10140203	121OGLL	250	2,878
431208100445701	37N29W 4DDDA	121	10140203	122ARKR	250	2,849
431209100194801	37N25W 6CCCD	121	10150006	122ARKR	80	2,364
431209100195101	37N25W 6CCCB	121	10150006	122ARKR	80	2,363
431211100194501	37N25W 6CCC	121	10150006	122ARKR	80	2,369
431211100194502	37N25W 6CCC2	121	10150006	122ARKR	80	2,369
431212100280601	37N27W 1CC	121	10150006	122ARKR	120	2,474
431212100472901	37N29W 6DDBD	121	10140203	121OGLL	237	2,868
431213100580101	37N31W 3DB	121	10140203	122ARKR	195	2,510
431213101151301	37N33W 5C	7	10140203	122ARKR	200	3,140

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431214101210001	37N34W 4CCA	7	10140203	121OGLL	250	2,988
431215100225801	37N26W 3CDA	121	10150006	122ARKR	95	2,444
431215101191001	37N34W 3DDB	7	10140203	121OGLL	230	3,038
431216102195401	37N42W 6DDB	113	10140201	122ARKR	320	3,440
431222101093501	37N33W 1DAA	121	10140203	121OGLL	285	3,104
431225102113301	37N41W 5DA	113	10140201	122ARKR	370	3,690
431226100224201	37N26W 3DBD	121	10150006	122ARKR	120	2,437
431229100535101	37N30W 5BAAC	121	10140203	122ARKR	218	2,875
431229100545101	37N30W 6ACDD	121	10140203	122ARKR	260	2,902
431230101211001	37N34W 4BCCA	7	10140203	121OGLL	300	3,001
431231100475301	37N29W 6DD	121	10140203	121OGLL	175	2,875
431233101170101	37N34W 1ACBD	7	10140203	121OGLL	300	3,051
431234100543901	37N30W 6ADBD	121	10140203	122ARKR	255	2,880
431234100574401	37N31W 3ADAC	121	10140203	122ARKR	42	2,512
431235102334601	37N44W 6DAAA	113	10140201	122ARKR	70	3,200
431236100172601	37N25W 4BCCA	121	10150006	121OGLL	100	2,467
431236100260101	37N26W 6ADDB	121	10150006	122ARKR	90	2,464
431236100260102	37N26W 6ADDB2	121	10150006	122ARKR	70	2,464
431238100261601	37N26W 6ACDB	121	10150006	122ARKR	100	2,457
431238100490301	37N30W 1ACB	121	10140203	122ARKR	220	2,740
431238102100301	37N41W 3BC	113	10140201	122ARKR	200	3,526
431239100252101	37N26W 5BDAD	121	10150006	122ARKR	150	2,445
431239100252103	37N26W 5BDD3	121	10150006	122ARKR	70	2,445
431239100544501	37N30W 6A	121	10140203	122ARKR	379	2,889
431239100574401	37N31W 3A	121	10140203	122ARKR	--	2,500
431239101202401	37N34W 4AAC	7	10140203	121OGLL	350	3,018
431240100250501	37N26W 5ACAC	121	10150006	122ARKR	70	2,436
431240100250601	37N26W 5ACAC2	121	10150006	122ARKR	108	2,437
431240100252102	37N26W 5BDAD2	121	10150006	122ARKR	100	2,450
431241100211201	37N26W 2ADA	121	10150006	122ARKR	106	2,380
431241100535301	37N30W 5BDD	121	10140203	122ARKR	215	2,880
431242100252101	37N26W 5BDAA	121	10150006	122ARKR	104	2,451
431244100210801	37N26W 2ADAA2	121	10150006	122ARKR	105	2,382
431244100265401	37N26W 6BBCD	121	10150006	122ARKR	138	2,464
431245100210801	37N26W 2ADAA	121	10150006	122ARKR	109	2,383
431245100320601	37N27W 5A	121	10150006	122ARKR	60	2,593
431248100242701	37N26W 4BBD	121	10150006	122ARKR	60	2,407
431249100481001	37N29W 6BACB	121	10140203	121OGLL	230	2,842

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431250100373701	37N28W 3BBD	121	10150006	121OGLL	140	2,750
431250100530101	37N30W 4BAA	121	10140203	122ARKR	265	2,842
431251100532801	37N30W 5AABA	121	10140203	122ARKR	195	2,878
431251100532802	37N30W 5AABA2	121	--	122ARKR	180	2,878
431251102074101	37N41W 1BBC	113	10140201	122ARKR	280	3,500
431251102074401	37N41W 1BBC2	113	10140201	122ARKR	--	3,477
431252100501801	38N30W35BDDB	121	10140203	122ARKR	219	2,708
431252102162801	37N42W 3ABCA	113	10140201	122ARKR	172	3,225
431253100191001	37N25W 6ABA2	121	10150006	122ARKR	120	2,412
431254100191001	37N25W 6ABA	121	10150006	122ARKR	120	2,410
431254102363201	37N45W 2AB	113	10140201	122ARKR	280	3,150
431254102391101	37N45W 4BA	113	10140201	122ARKR	390	3,600
431255100545701	38N30W31DCCD	121	10140203	122ARKR	250	2,872
431255101212001	38N34W32DDDD	7	10140203	121OGLL	172	3,031
431257100151901	37N25W 3AAAB	121	10150006	121OGLL	40	2,467
431257101281501	38N35W33CC	7	10140203	122ARKR	96	2,969
431259100574401	38N31W34DDAC	121	10140203	122ARKR	85	2502
431259100574402	38N31W34DDAC2	121	10140203	122ARKR	40	2,500
431300100541901	38N30W32CC	121	10140203	122ARKR	245	2,860
431300101020301	38N34W31DDD	7	10140203	122ARKR	60	3,185
431301100251301	38N26W32DCC	121	10150006	122ARKR	80	2,440
431303101075401	38N32W32CDB	121	10140203	122ARKR	285	3,032
431304102124401	38N41W31DD	113	10140201	122ARKR	90	3,444
431304102200701	38N42W31DCCD	113	10140201	122ARKR	313	3,423
431305100490201	38N30W36DCB	121	10140203	122ARKR	225	2,818
431305100512501	38N30W34DCB	121	10140203	122ARKR	130	2,685
431305101091101	38N32W31C	121	10140203	122ARKR	--	3,150
431306102165301	38N42W34CD	113	10140201	122ARKR	165	3,230
431307100522402	38N30W33D2	121	10140203	121OGLL	48	2,840
431307100522403	38N30W33D3	121	10140203	122ARKR	325	2,840
431308100223101	38N26W34DDB	121	10150006	122ARKR	100	2,417
431310100490101	38N30W36DBCC	121	10140203	122ARKR	250	2,810
431310102275901	38N44W36DD	113	10140201	122ARKR	161	3,100
431310102313101	38N44W33DD	113	10140201	122ARKR	315	3,401
431310102342801	38N44W31CD	113	10140201	122ARKR	310	3,030
431311100193201	38N25W31CDBA	121	10150006	122ARKR	56	2,426
431311100574302	38N31W34D2	121	10140203	122ARKR	80	2,500
431311100574303	38N31W34D3	121	10140203	122ARKR	80	2,500

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431315100491501	38N30W36CBAD	121	10140203	122ARKR	253	2,812
431315100541301	38N30W32CBD	121	10140203	122ARKR	265	2,887
431315101033501	38N40W33	7	10140201	122ARKR	230	3,500
431318100532301	38N30W32DAAB	121	10140203	121OGLL	47	2,838
431323100213501	38N26W35DBBA	121	10150006	122ARKR	100	2,403
431325100324601	38N27W32CBA	121	10150006	121OGLL	135	2,680
431326102175501	38N42W33	113	10140201	122ARKR	92	3,300
431327100164501	38N25W33ACD	121	10150006	121OGLL	24	2,475
431327100242701	38N26W33BCC	121	10150006	122ARKR	130	2,439
431327100242901	38N26W33BCDC	121	10150006	122ARKR	110	2,442
431328100240901	38N26W33BDD	121	10150006	122ARKR	70	2,424
431328100503101	38N30W35BDDB2	121	10140203	121OGLL	165	2,708
431328101053801	38N32W34BCAD	121	10140203	122ARKR	280	2,987
431332102191401	38N42W32BD	113	10140201	122ARKR	190	3,240
431335100511101	38N30W34A	121	10140203	122ARKR	--	2,600
431337100272201	38N27W36AACC	121	10150006	122ARKR	180	2,483
431337100312101	38N27W33BDA	121	10150006	122ARKR	130	2,570
431338100570901	38N31W35BA	121	10140203	122ARKR	60	2,485
431340100253901	38N26W32BBD	121	10150006	122ARKR	85	2,452
431340100253902	38N26W32BBD2	121	10150006	122ARKR	85	2,452
431340100430401	38N29W35ACBB	121	10150006	122ARKR	370	2,803
431340100510201	38N30W34AA	121	10140203	122ARKR	--	2,645
431340100510202	38N30W34AA2	121	10140203	122ARKR	--	2,645
431340100521401	38N30W33AA	121	10140203	122ARKR	255	2,840
431340100521402	38N30W33AA2	121	10140203	121OGLL	--	2,840
431340100521405	38N30W33AA5	121	10140203	122ARKR	237.5	2,840
431342100344101	38N28W36ABCB	121	10150004	122ARKR	73	2,620
431343102113301	38N41W32AA	113	10140201	122ARKR	280	3,510
431343102180101	38N42W33BADC	113	10140201	122ARKR	120	3,200
431345102160001	38N42W35BB	113	10140201	122ARKR	290	3,345
431346100410901	38N28W31BBA	121	10150006	121OGLL	--	2,680
431347100232501	38N26W34BBB	121	10150006	122ARKR	100	2,405
431347100404901	38N28W31ABBB	121	10150006	122ARKR	120	2,666
431349102291001	38N44W35AA	113	10140201	122ARKR	150	3,350
431349102345701	38N45W36AAA	113	10140201	122ARKR	200	3,075
431350100570501	38N31W26CDDB	121	10140203	122ARKR	--	2,477
431351100521501	38N30W28DDCA	121	10140203	122ARKR	265	2,758
431352100231601	38N26W27CCDC	121	10150006	122ARKR	100	2,408

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431352100383001	38N28W28CDDD	121	10150006	122ARKR	360	2,782
431354100375201	38N28W28DDDD	121	10150006	121OGLL	--	2,781
431355100413801	38N29W25DDC	121	10150006	121OGLL	170	2,730
431356100255401	38N26W30DAD	121	10150006	122ARKR	90	2,420
431356102185001	38N42W29DCDD	113	10140201	122ARKR	100	3,210
431356102280001	38N44W25DD	113	10140201	122ARKR	270	3,045
431357102280501	38N44W25DDB	113	10140201	122ARKR	190	3,045
431402100414001	38N29W25D	121	10150006	121OGLL	148	2,755
431403100203401	38N26W25CDAA	121	10150006	122ARKR	76	2,453
431403100293901	38N27W27DDBA	121	10150006	122ARKR	130	2,523
431403100395101	38N28W29C	121	10150006	122ARKR	146	2,684
431404100255401	38N26W30DADD	121	10150006	122ARKR	50	2,423
431404100565301	38N31W14ACB	121	10140203	122ARKR	300	2,653
431405100373502	37N28W17CD2	121	10150006	121OGLL	160	2,755
431406100283801	38N27W26DBD	121	10150006	122ARKR	70	2,500
431406100284701	38N27W26DBC	121	10150006	122ARKR	100	2,475
431406100380501	38N28W28D	121	10150006	121OGLL	180	2,779
431407100373503	37N28W17CD3	121	10150006	121OGLL	205	2,770
431408102113401	38N41W29D	113	10140201	122ARKR	--	3,500
431409100420701	38N29W25CA	121	10150006	121OGLL	220	2,805
431410100190501	38N25W30DBDA	121	10150006	121OGLL	80	2,478
431410100373501	37N28W17CD	121	10150006	121OGLL	160	2,755
431411100245001	38N26W29DAAC	121	10150006	122ARKR	85	2,439
431413100244901	38N26W29DAA	121	10150006	122ARKR	90	2,440
431413100382501	38N28W28DBB	121	10150006	122ARKR	340	2,780
431414100240001	38N26W28DBB	121	10150006	122ARKR	100	2,435
431414102275901	38N44W25DA	113	10140201	122ARKR	125	3,196
431414102281701	38N44W25DB	113	10140201	122ARKR	203	3,300
431414102292701	38N44W26DB	113	10140201	122ARKR	272	3,400
431415101010601	38N31W29BCCBR	121	--	122ARKR	--	2,920
431419100414101	38N29W25ADCC	121	10140203	121OGLL	--	2,702
431420100382401	38N28W28ACCC	121	10150006	121OGLL	--	2,763
431420100400401	38N28W29BCDB	121	10150006	122ARKR	145	2,689
431422100134101	38N25W12BCD	121	10140204	121OGLL	24	2,382
431423100134401	38N25W12BCC2	121	10140204	121OGLL	24	2,385
431423100134501	38N25W12BCC3	121	10140204	121OGLL	14	2,385
431424100430601	38N29W26ACB	121	10150006	122ARKR	220	2,750
431424102135601	38N42W25AD	113	10140201	122ARKR	128	3,420

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431424102193201	38N42W29BC	113	10140201	122ARKR	130	3,200
431425101020401	38N31W30BDB	121	10140203	121OGLL	285	3,005
431425102192301	38N42W29BCA	113	10140201	122ARKR	--	3,159
431426101071302	38N32W29A2	121	10140203	122ARKR	40	2,887
431427100375201	38N28W28ADAA	121	10150006	121OGLL	--	2,781
431427100561201	38N31W25BBAC	121	10140203	122ARKR	360	2,722
431429102065501	38N41W25A	113	10140201	122ARKR	--	3,362
431430100195901	38N25W30BCBB	121	10150006	122ARKR	144.2	2,483
431430100320101	38N27W28B	121	10150006	122ARKR	110	2,518
431430100371601	38N28W27ACB	121	10150006	122ARKR	220	2,768
431431102170201	38N42W27B	113	10140201	122ARKR	--	3,300
431432101123401	37N33W27BAA	121	10140203	121OGLL	120	2,978
431433101064301	38N32W28BABD	121	10140203	122ARKR	365	2,885
431435100414101	38N29W25AACB	121	10140203	121OGLL	--	2,663
431436102192701	38N42W29BB	113	10140201	122ARKR	--	3,200
431437100242101	38N26W28BAC	121	10150006	122ARKR	200	2,480
431437102193602	38N42W29BBC2	113	10140201	122ARKR	--	3,150
431437102194901	38N42W30AA	113	10140201	122ARKR	--	3,200
431439100292201	38N27W26BBB	121	10150006	122ARKR	52	2,470
431439102191601	38N42W29BABD	113	10140201	122ARKR	125	3,180
431440100275301	38N27W25BABA	121	10150006	122ARKR	100	2,448
431440100405101	38N28W30BAAA	121	10150006	122ARKR	--	2,635
431440102003001	38N40W24DBD	7	10140201	122ARKR	240	3,550
431440102305601	38N44W27BA	113	10140201	122ARKR	100	3,399
431443101055801	38N32W21DDDA	121	10140203	122ARKR	96	2,843
431443101055802	38N32W21DDDA2	121	10140203	122ARKR	105	2,843
431444102193301	38N42W20CCCC	113	10140201	122ARKR	175	3,180
431445100530901	38N30W21CC	121	10140203	122ARKR	211	2,730
431445100530902	38N30W21CC2	121	10140203	122ARKR	365	2,730
431445101062001	38N32W21DCAC	121	10140203	122ARKR	400	2,900
431445102201201	38N42W30ABBB	113	10140201	122ARKR	300	3,190
431446100382301	38N28W21DCC	121	10150006	121OGLL	50	2,710
431446100382401	38N28W21DCCC	121	10150006	121OGLL	--	2,710
431448101063401	38N32W21CDAA	121	10140203	122ARKR	395	2,905
431449100414101	38N29W24DDBC	121	10150006	122ARKR	--	2,657
431449102133801	38N41W19CC	113	10140201	122ARKR	175	3,441
431449102203501	38N42W19CCDB	113	10140201	122ARKR	100	3,150
431450100381001	38N28W21DCDA	121	10150006	121OGLL	--	2,725

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431450102144901	38N42W24CC	113	10140201	122ARKR	160	3,400
431450102161701	38N42W22DD	113	10140201	122ARKR	85	3,407
431450102194701	38N42W19DD	113	10140201	122ARKR	448	3,150
431450102200501	38N42W19DC	113	10140201	122ARKR	60	3,175
431451100530001	38N30W21C	121	10140203	122ARKR	245	2,802
431452100173801	38N25W20DDA	121	10150006	121OGLL	200	2,630
431453101061001	38N32W21D	121	10140203	122ARKR	295	2,905
431453101061002	38N32W21D2	121	10140203	122ARKR	325	2,905
431453101061003	38N32W21D3	121	10140203	122ARKR	400	2,905
431454100391501	38N28W20DDBB	121	10150006	121OGLL	--	2,770
431455100554801	38N31W24DADB	121	10140203	122ARKR	300	2,680
431455102110601	38N41W21C	113	10140201	122ARKR	--	--
431455102193401	38N42W20CCBA	113	10140201	122ARKR	155	3,200
431458101264201	38N35W22CAA	7	10140202	122ARKR	350	2,933
431458101483001	38N38W22CBBC	7	10140202	122ARKR	313	3,364
431500100570003	38N31W23	121	10140203	122ARKR	208	2,450
431500101133301	36N33W21BBC	121	10140203	122ARKR	160	2,985
431500101552501	38N39W21DDB	7	10140202	122ARKR	80	3,400
431501101005701	38N31W20CBAA	121	10140203	122ARKR	140	2,837
431502100443801	38N29W22CAC	121	10150006	122ARKR	160	2,730
431502100570001	38N31W23BDDD	121	10140203	122ARKR	250	2,550
431505100164501	38N25W21DBA	121	10150006	121OGLL	110	2,530
431505100423801	38N29W23DAAA	121	10150006	121OGLL	--	2,670
431505100533001	38N30W20ADC	121	10140203	122ARKR	155	2,707
431505100560901	38N31W24ACCA	121	10140203	122ARKR	227	2,671.97
431505100565801	38N31W23ACCBR	121	10140203	122ARKR	73	2,459.49
431505100570201	38N31W23DABC	121	10140203	122ARKR	320	2,620
431505101050101	38N36W27BDB	7	10140202	122ARKR	170	2,050
431506100363601	38N28W23CBBB	121	10150006	122ARKR	--	2,635
431506102294501	38N44W23CA	113	10140201	122ARKR	290	3,125
431506102331801	38N44W20CA	113	10140201	122ARKR	215	3,150
431506102342801	38N44W19CA	113	10140201	122ARKR	196	3,050
431508100562101	38N31W24BDADR	121	10140203	122ARKR	262	2,604.68
431509100185901	38N25W19ADCC	121	10150006	121OGLL	80	2,530
431511101310301	38N36W24ADBC	7	10140202	122ARKR	350	--
431512100193501	38N25W19BDC	121	10150006	121OGLL	60	2,510
431512100214701	38N26W23BDD	121	10150006	122ARKR	100	2,534
431512100402501	38N28W19ADCD	121	10150006	122ARKR	--	2,673

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431514101061101	38N32W21ADBB	121	10140203	122ARKR	60	2,845
431515100501701	38N30W23ACBC	121	10140203	122ARKR	258	2,720
431515100553901	38N30W19BCBAR	121	10140203	122ARKR	274	2,659.35
431515100562701	38N31W24BDAC	121	10140203	122ARKR	--	2,600
431516100381001	38N28W21ACAD	121	10150006	121OGLL	--	2,776
431516100542901	38N30W19	121	10140203	122ARKR	--	2,508
431517100562301	38N31W24BDAC2R	121	10140203	122ARKR	242	2,573.99
431517101284201	38N35W20AAC	7	10140202	122ARKR	320	2,952
431518100245401	38N26W20ADB	121	10150006	122ARKR	90	2,520
431518102280501	38N44W24ADCC	113	10140201	122ARKR	95	3,280
431520100593601	38N31W16DBAA	121	10140203	122ARKR	128	2,710
431520101281201	38N35W21BBDC	7	10140202	122ARKR	330	2,942
431521100500401	38N30W23ABDD	121	10140203	121OGLL	65	2,727
431522100284302	38N27W23ABCD2	121	10150006	122ARKR	90	2,450
431522100284501	38N27W23ABCD	121	10150006	122ARKR	100	2,448
431525100380601	38N28W21AAC	121	10150006	121OGLL	--	2,765
431525100502902	38N30W23BACA2	121	10140203	122ARKR	230	2,717
431525100563801	38N31W23ABAD2	121	10140203	122ARKR	--	2,446
431526100314601	38N27W21BBC2	121	10150006	122ARKR	100	2,500
431526100563202	38N31W23AAAB2R	121	10140203	122ARKR	60	2,442.71
431527100502901	38N30W23BABD	121	10140203	122ARKR	264	2,716
431527101265701	38N35W22BBA	7	10140202	122ARKR	280	2,936
431528100314701	38N27W21BBCB	121	10150006	122ARKR	100	2,500
431530101264101	38N35W23BAAA	7	10140202	121OGLL	261	2,933
431531101282701	38N35W16CCCC	7	10140202	121OGLL	264	2,940
431532100200101	38N26W24AAAB	121	10150006	121OGLL	85	2,503
431532100332801	38N27W19ABA	121	10150006	122ARKR	80	2,504
431533101080501	38N32W17CCD	121	10140203	122ARKR	154	3,059
431534100503801	38N30W14CCDD	121	10140203	122ARKR	270	2,715
431536100472201	38N29W17BCDA	121	10140203	122ARKR	100	2,687
431536100543101	38N30W18DDAD	121	10140203	122ARKR	60	2,419.62
431536101274201	38N35W16DCC	7	10140202	122ARKR	360	2,946
431537100504701	38N30W14CCCA	121	10140203	122ARKR	280	2,723
431538100334201	38N27W18DCC	121	10150006	122ARKR	120	2,498
431539100352401	38N28W13CCCC	121	10140204	122ARKR	--	2,577
431540100154501	38N25W15DCCB	121	10140204	121OGLL	110	2,467
431540100545801	38N30W18DCBD	121	10140203	122ARKR	27	2,425
431540101062301	38N32W16DCBA2	121	10140203	122ARKR	108	2,825

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431540101062401	38N32W16DCBA	121	10140203	122ARKR	105	2,826
431540102280601	38N44W13DDBD	113	10140201	122ARKR	69	2,980
431543100221601	38N26W14CCBC	121	10150006	121OGLL	100	2,516
431543100412901	38N29W13DDAA2	121	10140203	122ARKR	100	2,617
431544100412701	38N29W13DDAA	121	10150006	122ARKR	274	2,615
431544101041101	38N32W14CAD	121	10140203	122ARKR	205	2,895
431544101261601	38N35W15DDB	7	10140202	122ARKR	130	2,939
431544101263301	38N35W15DBCC	7	10140202	122ARKR	280	2,936
431545100503601	38N30W14C	121	10140203	122ARKR	277	2,730
431547100555601	38N31W13DABC	121	10140203	122ARKR	--	2,425
431547102285001	38N44W13CCDB	113	10140201	122ARKR	85	3,170
431548100314401	38N27W16CBCD	121	10150006	122ARKR	90	2,484
431549100414201	38N29W13D	121	10150006	122ARKR	97	2,626
431550100551301	38N30W18CAAC	121	10140203	122ARKR	72	2,427
431550100590501	38N31W16CABD2	121	10140203	121OGLL	20	2,747
431551100441601	38N29W15DBCD	121	10140203	122ARKR	--	2,696
431551101003901	38N31W17CAA	121	10140203	122ARKR	180	2,880
431552101045001	38N32W15DA	121	10140203	122ARKR	154	2,810
431553100332301	38N27W19ABAB	121	10150006	122ARKR	21	2,503
431554100203301	38N26W13BCCA	121	10150006	122ARKR	230	2,608
431554101044501	38N32W15DAAA	121	10140203	122ARKR	90	2,805
431557100412701	38N29W13DAAA	121	10140203	122ARKR	--	2,612
431558100313701	38N27W16CBA	121	10150006	122ARKR	60	2,468
431600100413203	38N29W13ADDC3	121	--	122ARKR	112.5	2,616
431601100514301	38N30W15BDC	121	10140203	122ARKR	157.5	2,650
431601100590501	38N31W16A	121	10140203	122ARKR	193	2,720
431601100590502	38N31W16A2	121	10140203	122ARKR	235	2,720
431602100262701	38N26W18ACCC	121	10150006	122ARKR	55	2,477
431602100590201	38N31W16ACC	121	10140203	122ARKR	60	2,438
431604100303501	38N27W15BCC	121	10150006	122ARKR	44	2,460
431604100590101	38N31W16ACAA	121	10140203	122ARKR	140	2,737
431605100373401	38N28W15BCDD	121	10140203	121OGLL	--	2,660
431608101061201	38N32W16A	121	10140203	122ARKR	--	2,800
431608102154201	38N42W14BD	113	10140201	122ARKR	260	3,674
431609100480901	38N29W18BDB	121	10140203	122ARKR	64	2,642
431610100315101	38N27W17ADA2	121	10150006	122ARKR	90	2,505
431610100315301	38N27W17ADA	121	10150006	122ARKR	90	2,505
431610100315302	38N27W17ADA3	121	10150006	122ARKR	90	2,505

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431610100484701	38N30W13ADBB	121	10140203	122ARKR	119	2,645
431610101005801	38N31W17BBD	121	10140203	122ARKR	300	2,808
431612100444001	38N29W15BAC	121	10150006	122ARKR	180	2,760
431612100551201	38N30W18BADB	121	10140203	122ARKR	245	2,550
431613100375001	38N28W15BCBB	121	10150006	121OGLL	--	2,632
431615100390701	38N28W17AADD	121	10150006	122ARKR	--	2,664
431615102133001	38N41W18B	113	10140201	122ARKR	--	3,425
431618100563901	38N31W14AAB	121	10140203	122ARKR	310	2,620
431618101044001	38N32W14BBBD	121	10140203	122ARKR	383	2,820
431620100560601	38N30W18BAAAR	121	--	122ARKR	--	2,562
431620100581301	38N31W10DCCCR	121	--	122ARKR	--	2,772
431620101081901	38N32W18AAAA	121	10140203	122ARKR	264	2,920
431620101081902	38N32W18AAAA2	121	10140203	122ARKR	407	2,920
431622101044801	38N32W10DDDD	121	10140203	122ARKR	90	2,792
431623100232501	38N26W15BBB	121	10150006	122ARKR	100	2,507
431623100355801	38N28W14ABB	121	10150006	122ARKR	165	2,578
431623101010501	38N31W 8CCC	121	10140203	122ARKR	92.5	2,787
431623101102902	38N33W12CCDC2	121	10140203	122ARKR	157	2,943
431625100361301	38N28W14BAAB	121	10150006	122ARKR	115	2,589
431625100411801	38N28W18BBBA	121	10150006	122ARKR	--	2,596
431625101032501	38N32W12C	121	10140203	122ARKR	155	2,755
431625101103001	38N33W12CCDC	121	10140202	122ARKR	150	2,943
431627101110501	38N33W11DC	121	10140203	122ARKR	145	3,045
431628100301502	38N27W10CDCD	121	10150006	122ARKR	98	2,508
431628100471801	38N28W 8CCC	121	10140203	122ARKR	130	2,695
431630100301703	38N27W10CDC2	121	10150006	122ARKR	110	2,508
431630100434501	38N29W11CCCC	121	10150006	122ARKR	--	2,678
431630100570201	38N31W11CDAA	121	10140203	122ARKR	240	2,652
431630101084701	38N32W 7DCBD	121	10140203	122ARKR	205	2,885
431631100301501	38N27W10CDC	121	10150006	122ARKR	110	2,509
431633100560601	38N31W12C	121	10140203	122ARKR	47	2,640
431633101001801	38N31W 8DCAA	121	10140203	122ARKR	238	2,748
431633102090901	38N41W10DD	113	10140201	122ARKR	180	3,284
431634101113201	38N33W11C	121	10140203	122ARKR	152	3,090
431636100310101	38N27W 9DDA	121	10150006	122ARKR	90	2,500
431636100560201	38N31W12CAC	121	10140203	122ARKR	180	2,620
431637100264101	38N26W 7CDB	121	10150006	122ARKR	90	2,513
431637101084801	38N32W 7DCAB	121	10140203	122ARKR	162	2,890

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431637101084802	38N32W 7DCAB2	121	10140203	122ARKR	152	2,890
431638101054201	38N32W10CBDB2	121	10140203	122ARKR	135	2,766
431638101084801	38N32W 7DBCC	121	10140203	122ARKR	162	2,880
431639100481501	38N29W 7C	121	10140203	122ARKR	115	2,660
431639101043102	38N32W11CBD2	121	10140203	122ARKR	225	2,785
431639101054201	38N32W10CBDB2	121	10140203	122ARKR	165	2,768
431644100285501	38N27W11CAD	121	10150006	122ARKR	80	2,508
431644102340201	38N44W 7D	113	10140201	122ARKR	--	3,000
431645100184201	38N25W 8CBC	121	10140204	121OGLL	90	2,470
431646100465501	38N29W 8CA	121	10140203	122ARKR	130	2,718
431647102183901	38N42W 8DA	113	10140201	122ARKR	320	3,349
431648101285301	38N35W 8ACCC	7	10140202	122ARKR	280	2,952
431649100174801	38N25W 8DAB	121	10140204	121OGLL	60	2,415
431649100272701	38N27W12DBA	121	10150006	122ARKR	50	2,480
431649101085201	38N32W 7ADD2	121	10140203	122ARKR	--	2,867
431649101085301	38N32W 7A	121	10140203	122ARKR	65	2,867
431650100283701	38N27W11DBA	121	10150006	122ARKR	90	2,516
431650100330701	38N27W 7DAAB	121	10150006	122ARKR	--	2,477
431651100264401	38N26W 7CAB	121	10150006	122ARKR	160	2,523
431652101050102	38N32W10A2	121	10140203	122ARKR	140	2,820
431652101050103	38N32W10A3	121	10140203	122ARKR	90	2,870
431653100225201	38N26W10ACC	121	10150006	121OGLL	100	2,539
431653102221501	38N43W11ADCC	113	10140201	122ARKR	390	3,200
431654100574301	38N31W10ADAC	121	10140203	122ARKR	220	2,698
431654100574302	38N31W10ADAC2	121	10140203	122ARKR	210	2,698
431654101552701	38N39W10BC	7	10140202	122ARKR	120	3,379
431655100272901	38N27W12ACDC	121	10150006	122ARKR	90	2,510
431655100574301	38N31W10ADBD	121	10140203	122ARKR	370	2,704
431655100583401	38N31W10BBD	121	10140203	122ARKR	150	2,780
431700101113201	38N33W11B	121	10140203	122ARKR	115	3,040
431700101113202	38N33W11B2	121	10140203	122ARKR	250	3,040
431701101061201	38N32W 9A	121	10140203	122ARKR	96	2,770
431701101094401	38N33W12A	121	10140203	122ARKR	252	2,980
431702101010001	38N36W 1DDC	7	10140202	122ARKR	80	2,086
431703100314601	38N27W 9BCB	121	10150006	122ARKR	125	2,510
431703102342801	38N44W 7BD	113	10140201	122ARKR	200	3,035
431704100314502	38N27W 9BCBA	121	10150006	122ARKR	100	2,510
431704101042301	38N32W11BCC	121	10140203	122ARKR	284	2,738

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431705101554501	38N39W10ACB	7	10140202	122ARKR	90	3,300
431705101554502	38N39W10BCD2	7	10140202	122ARKR	100	3,300
431705101554503	38N39W10BBD3	7	10140202	122ARKR	324	3,300
431706100481501	38N29W 7B	121	10140203	122ARKR	115	2,770
431706101250201	38N35W11	7	10140202	122ARKR	120	2,965
431710100240901	38N26W 9BAD	121	10150006	121OGLL	80	2,625
431710100390401	38N28W 8AADD	121	10150006	122ARKR	--	2,613
431712100554401	38N31W 1DCCD	121	10140203	122ARKR	200	2,566
431713100293601	38N27W10AADB	121	10150006	122ARKR	80	2,506
431713100325701	38N27W 8BBCB	121	10150006	122ARKR	85	2,531
431713100464701	38N29W 8BAAD	121	10140203	122ARKR	240	2,772
431713102161701	38N42W10AA	113	10140201	122ARKR	320	3,445
431714100364101	38N28W20AAAD	121	10150006	121OGLL	--	2,700
431716100212001	38N26W11AAB	121	10150006	121OGLL	160	2,651
431721101115301	38N33W 3DDAD	121	10140203	122ARKR	169	3,060
431723100303901	38N27W 4DDDA	121	10150006	122ARKR	100	2,512
431725102094501	38N41W 3CD	113	10140201	122ARKR	165	3,264
431726100522701	38N30W 4CAD	121	10140203	122ARKR	320	2,490
431727102220501	38N43W 2DD	113	10140201	122ARKR	150	3,083
431733100330901	38N27W 6DADC	121	10150006	122ARKR	100	2,521
431733100585701	38N31W 4DABD2	121	10140203	122ARKR	226	2,725
431734100585601	38N31W 4DABD	121	10140203	122ARKR	253	2,727
431736100293101	38N27W 3DADA2	121	10150006	122ARKR	35	2,530
431736100293201	38N27W 3DAD	121	10150006	122ARKR	100	2,526
431737100295601	38N27W 2CBCA	121	10150006	122ARKR	100	2,539
431737100463101	38N29W 5DBDA	121	10140203	122ARKR	271	2,785
431738100292901	38N27W 3DADA	121	10150006	122ARKR	100	2,543
431739100322701	38N27W 5AB2	121	10150006	122ARKR	140	2,535
431739100554701	38N31W 1BA2	121	10140203	122ARKR	335	2,627
431739102180301	38N42W 4CA	113	10140201	122ARKR	--	3,395
431740100405901	38N28W 6CAA	121	10150006	122ARKR	130	2,598
431740100502201	38N30W 2CAA	121	10140203	122ARKR	265	2,640
431740101044601	38N32W 3ADDD	121	10140203	122ARKR	205	2,750
431742100324801	38N27W 5CBA	121	10150006	122ARKR	105	2,499
431743100222101	38N26W 3DAAA	121	10140204	121OGLL	100	2,516
431743101040501	38N32W 2AB4	121	10140203	122ARKR	360	2,750
431744100431201	38N29W 2AA	121	10150006	122ARKR	260	2,677
431744100431202	38N29W 2ABAB	121	10150006	122ARKR	260	2,695

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431744100464501	38N29W 5AABB	121	10140203	122ARKR	260	2,740
431744100561401	38N31W 1BACB2	121	10140203	122ARKR	160	2,600
431744100583601	38N31W 3ABAB	121	10140203	122ARKR	200	2,692
431745100371401	38N28W 3BDA	121	10150006	122ARKR	165	2,558
431746100322801	38N27W 5AB2	121	10150006	122ARKR	140	2,535
431746100562201	38N31W 1BCBC	121	10140203	122ARKR	50	2,627
431747100524401	38N30W 4BDD	121	10140203	122ARKR	340	2,420
431748100412501	38N29W 1BCD	121	10140203	122ARKR	165	2,680
431751100560301	38N31W 1BACB	121	10140203	122ARKR	152	2,600
431755101033601	38N32W 2A	121	10140203	122ARKR	65	2,720
431755101035801	38N32W 2AB3	121	10140203	122ARKR	364	2,747
431757100323302	38N27W 5BDAB	121	10150006	122ARKR	100	2,522
431758100575301	38N31W 3A	121	10140203	122ARKR	190	2,690
431759100324703	38N27W 5BBDD2	121	10150006	122ARKR	100	2,523
431800100324601	38N27W 5BBDD	121	10150006	122ARKR	100	2,523
431800100392501	38N28W 5AAC	121	10150006	122ARKR	136	2,567
431800100450201	38N29W 4DDAA	121	10140203	122ARKR	182	2,750
431802101035601	38N32W 2AB	121	10140203	122ARKR	354	2,650
431802101035602	38N32W 2AB2	121	10140203	122ARKR	349	2,747
431802102340201	38N44W 6A	113	10140201	122ARKR	--	2,950
431803100431101	38N29W 2ABCB	121	10150006	122ARKR	227	2,708
431803100460301	38N29W 4BB	121	10140203	122ARKR	178	2,767
431804100393501	38N28W 5AB	121	10150006	122ARKR	160	2,565
431804100393601	38N28W 5ABD	121	10150006	122ARKR	135	2.575
431804100431101	38N29W 2ABBC	121	10150006	122ARKR	217	2,706
431805100280501	38N27W 1BABB	121	10150006	122ARKR	40	2.539
431805100402001	39N28W32DDD	121	10150006	122ARKR	110	2,657
431805100432501	38N29W 2BAB	121	10150006	122ARKR	230	2,710
431806100425801	38N29W 2ABAD	121	10150006	122ARKR	230	2,687
431808100312801	38N27W 4BAB	121	10150006	122ARKR	100	2,550
431808100430901	38N29W 2ABB	121	10150006	122ARKR	260	2,707
431809100312402	38N27W 4BABA	121	10150006	122ARKR	144	2,565
431809100483401	38N30W 1AAAA	121	10140203	122ARKR	180	2,763
431809100483402	38N30W 1AAAA2	121	10140203	122ARKR	163	2,763
431809100483403	38N30W 1AAAA3	121	10140203	122ARKR	380	2,760
431810100295601	38N27W 2BABB	121	10150006	122ARKR	100	2,539
431810100394501	39N28W32DCA	121	10150006	122ARKR	150	2,582
431810100402001	39N28W32DDB	121	10150006	122ARKR	135	2,582

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431811100594201	39N31W33CCDA	121	10140203	122ARKR	108	2,688
431812100285801	39N27W35CDD	121	10150006	122ARKR	120	2,560
431812100383901	39N28W33CDD	121	10150006	122ARKR	140	2,563
431813100262901	39N26W31CDDD	121	10150006	122ARKR	100	2,575
431813100413101	39N29W36DDDC	121	10150006	122ARKR	220	2,645
431813100571001	39N31W35CDBD	121	10140203	122ARKR	200	2,620
431814100302301	39N27W34CCD	121	10150006	122ARKR	40	2,562
431814100302302	39N27W34CCD2	121	10150006	122ARKR	100	2,562
431814100302601	39N27W34CCDC	121	10150006	122ARKR	33	2,562
431814100302602	39N27W34CCDC2	121	10150006	122ARKR	80	2,562
431814100413101	39N29W36DDD	121	10150006	122ARKR	230	2,650
431815100341801	39N27W31CCC	121	10150006	122ARKR	160	2,537
431815100561801	39N31W36CCBA	121	10140203	122ARKR	146	2,583
431815101034901	39N32W35D	121	10140203	122ARKR	--	2,740
431816100250202	39N26W33DCDA2	121	10140204	122ARKR	115	2,457
431817100324301	39N27W32CDCB	121	10150006	122ARKR	110	2,545
431818100314301	39N27W33CCBD	121	10150006	122ARKR	120	2,552
431818100324201	39N27W32CDCB2	121	10150006	122ARKR	90	2,544
431818100341901	39N27W31CC	121	10150006	122ARKR	--	2,538
431819101064901	39N32W33C	121	10140203	122ARKR	110	2,865
431820100393001	39N28W32DAC	121	10150006	122ARKR	120	2,581
431820101045002	39N32W34DADC2	121	10140203	122ARKR	300	2,781
431821100332301	39N27W31DCA	121	10150006	122ARKR	120	2,535
431821100394001	39N28W32DCB	121	10150006	122ARKR	115	2,580
431821101045801	39N32W34DADC	121	10140203	122ARKR	300	2,781
431821102215001	39N43W36CCCA	113	10140201	122ARKR	105	3,051
431821102275401	39N44W36DDD	113	10140201	122ARKR	130	2,949
431821102280301	39N44W36DDC	113	10140201	122ARKR	68	2,903
431821102285401	39N44W36C	113	10140201	122ARKR	--	2,975
431822100140801	39N28W31C	121	10140204	121OGLL	--	2,675
431822100390601	39N28W33CCBB	121	10150006	122ARKR	80	2,582
431822100424301	39N29W35DDAB	121	10150006	122ARKR	--	2,681
431822100453501	39N29W33DCBB	121	10140203	122ARKR	226	2,730
431823100395303	39N28W32C3	121	10150006	122ARKR	95	2,585
431823101005201	39N31W32CBDB	121	10140203	122ARKR	198	2,685
431824100392502	39N28W32D2	121	10150006	122ARKR	--	2,577
431825100393001	39N28W32	121	10150006	122ARKR	148	2,575
431825100393002	39N28W32(2)	121	10150006	122ARKR	80	2,575

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431825100393003	39N28W32(3)	121	10150006	122ARKR	80	2,575
431826100420601	39N29W36CAD	121	10150006	122ARKR	140	2,680
431830100250201	39N26W32DCDA	121	10140204	122ARKR	153	2,533
431830100432201	39N29W35CA	121	10150006	122ARKR	140	2,700
431830100450901	39N29W33DA	121	10140203	122ARKR	140	2,657
431830101553001	39N39W33CCC	7	10140202	122ARKR	200	3,400
431833101035301	39N32W35ACDD	121	10140203	122ARKR	72	2,690
431834100404001	39N28W31DB	121	10150006	121OGLL	--	2,593
431834100413001	39N29W36DAAA	121	10150006	122ARKR	210	2,657
431835100412801	39N29W36DAAA2	121	10150006	122ARKR	190	2,655
431836102215201	39N43W36CBB	113	10140201	122ARKR	--	3,041
431836102340901	39N44W31DBDB	113	10140201	122ARKR	--	2,900
431837100431401	39N29W35ADAD	121	10140203	122ARKR	240	2,685
431840100302501	39N27W34BCD	121	10150006	122ARKR	100	2,559
431843100263301	39N26W31BDA	121	10140204	122ARKR	140	2,600
431845100401501	39N28W32BCB	121	10150006	122ARKR	160	2,594
431847100323901	39N27W32BDB	121	10150006	122ARKR	50	2,559
431849100282301	39N27W35ADAB	121	10150006	122ARKR	140	2,582
431849100311401	39N27W33ACBB	121	10150006	122ARKR	120	2,622
431849100425501	39N29W35A	121	10140203	122ARKR	203	2,650
431852100565201	39N31W35A	121	10140203	122ARKR	198	2,590
431854100275701	39N27W36BACB	121	10150006	122ARKR	40	2,572
431854100424001	39N29W35AADA	121	10140203	122ARKR	226	2,659
431858102191401	39N42W32BA	113	10140201	122ARKR	400	3,444
431900100424001	39N29W35AAAA	121	10140203	122ARKR	215	2,638
431900102111901	39N41W33BBB	113	10140201	122ARKR	--	3,182
431900102114601	39N41W32ABA	113	10140201	122ARKR	--	3,238
431902100412301	39N28W31BBBA	121	10150006	122ARKR	--	2,598
431902100561502	39N31W25CCCA2	121	10140203	122ARKR	155	2,558
431902100561503	39N31W25CCCA3	121	10140203	122ARKR	104	2,558
431903100265201	39N26W31BBAB	121	10140204	122ARKR	100	2,598
431903100282002	39N27W35AAAB2	121	10150006	122ARKR	91	2,598
431903100561701	39N31W25CCCA	121	10140203	122ARKR	170	2,558
431903101090701	39N32W30CDCB	121	10140203	122ARKR	--	2,820
431905100402401	39N28W30DDDC	121	10150006	122ARKR	150	2,618
431905101124501	39N33W27CCDA	121	10140202	122ARKR	--	2,900
431907100305501	39N27W27CCD	121	10150006	122ARKR	80	2,615
431907100325701	39N27W29CCC	121	10150006	122ARKR	120	2,567

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431907100350201	39N28W25CCD	121	10150006	122ARKR	150	2,565
431907100350301	39N28W25CCD2	121	10150006	122ARKR	130	2,568
431907100501201	39N30W26DC	121	10140203	122ARKR	129	2,697
431908100402001	39N28W30DDDC2	121	10150006	122ARKR	--	2,613
431908100502701	39N30W26CD	121	10140203	122ARKR	300	2,680
431909100401501	39N28W29CCCB	121	10140203	122ARKR	150	2,607
431909100471403	39N29W29CC3	121	10140203	122ARKR	70	2,630
431909100523801	39N30W28DCBD	121	10140203	122ARKR	55	2,358
431909100575301	39N31W27D	121	10140203	122ARKR	260	2,530
431909102113301	39N41W29DD	113	10140201	122ARKR	140	3,198
431910100502701	39N30W26CD2	121	10140203	122ARKR	320	2,680
431911100390601	39N28W28CCBC	121	10150006	122ARKR	185	2,605
431911102274601	39N43W30CC	113	10140201	122ARKR	192	2,952
431912100410501	39N28W30CDBD	121	10140203	122ARKR	150	2,601
431913100314601	39N27W28CCB	121	10150006	122ARKR	130	2,608
431913101084001	39N32W30DBDC	121	10140203	122ARKR	138	2,820
431914100323101	39N27W29CDA	121	10150006	122ARKR	100	2,585
431920100295301	39N27W27DBA	121	10150006	122ARKR	140	2,648
431921100390601	39N28W28CBCB	121	10150006	122ARKR	176	2,623
431922100282001	39N27W35DDA	121	10150006	122ARKR	130	2,559
431922101032201	39N32W25CBAB	121	10140203	122ARKR	180	2,705
431926100273901	39N27W25DBBC	121	10150006	122ARKR	150	2,605
431927100381501	39N28W28DBAA	121	10150006	122ARKR	140	2,628
431928100425901	39N29W26DBAA2	121	--	122ARKR	75.5	2,629
431928101013401	39N31W30AC	121	10140203	122ARKR	45	2,625
431928101055001	39N31W30BD	121	10140203	122ARKR	50	2,650
431929100383301	39N28W28CBBC	121	10150006	122ARKR	170	2,626
431933100412101	39N28W30BCDB	121	10140203	122ARKR	150	2,622
431933101010501	39N31W29BCB	121	10140203	122ARKR	240	2,640
431933101014001	39N31W30ACB	121	10140203	122ARKR	135	2,633
431935101010501	39N31W29BBCB	121	10140203	122ARKR	125	2,630
431937100320101	39N27W29ADBD	121	10150006	122ARKR	130	2,676
431937100594001	39N31W28B	121	10140203	122ARKR	90	2,620
431937100594002	39N31W28B2	121	10140203	122ARKR	148	2,629
431939100573501	39N31W27ABC	121	10140203	122ARKR	205	2,605
431940100371601	39N28W27ABC	121	10140203	122ARKR	225	2,640
431943100425001	39N29W26AABA	121	10140203	122ARKR	60	2,542
431947100354001	39N28W26AADB	121	10150006	122ARKR	150	2,628

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County. 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
431949100343101	39N28W25AA	121	10150006	122ARKR	160	2,622
431949100392901	39N28W29ABAD	121	10140203	122ARKR	150	2,634
431949100584602	39N31W27BBBB2	121	10140203	122ARKR	95	2,622
431951100232301	39N26W27BBD	121	10140204	122ARKR	--	2,407
431951100424302	39N29W26AAA	121	10140203	122ARKR	125	2,540
431958101582101	39N39W19DDBC2	7	10140201	122ARKR	295	3,320
432002100432501	39N29W23CDB	121	10140203	122ARKR	100	2,520
432002100571101	39N31W23C	121	10140203	122ARKR	225	2,575
432003100352501	39N28W24CC	121	10140203	122ARKR	150	2,675
432003102165301	39N42W22CD	113	10140201	122ARKR	190	3,297
432003102171001	39N42W22CC	113	10140201	122ARKR	170	3,320
432006100300701	39N27W22CDA	121	10150006	121OGLL	120	2,741
432006101044701	39N32W22DAD	121	10140203	122ARKR	125	2,659
432007102281401	39N44W24DCAC	113	10140201	122ARKR	95	2,939
432009100290301	39N27W23CDBA	121	10140204	122ARKR	130	2,651
432009100344001	39N28W24D	121	10150006	122ARKR	150	2,660
432014101014401	39N31W19CDD	121	10140203	122ARKR	230	2,650
432015100294701	39N27W22DBDA	121	10150006	121OGLL	160	2,654
432016102161701	39N42W22DA	113	10140201	122ARKR	50	3,211
432017100473201	39N29W19DA	121	10140203	122ARKR	--	2,490
432018100393901	39N28W20DBB	121	10140203	122ARKR	150	2,727
432020101010901	39N31W19ACDA2	121	10140203	122ARKR	300	2,625
432020101012704	39N31W19ACDA4	121	10140203	122ARKR	135	2,626
432021100484401	39N30W24ADCD	121	10140203	122ARKR	33	2,540
432021102115901	39N41W20	113	10140201	122ARKR	112	3,146
432021102115902	39N41W20(2)	113	10140201	122ARKR	102	3,146
432021102115903	39N41W20(3)	113	10140201	122ARKR	100	3,146
432023102225001	39N43W23BDCC	113	10140201	122ARKR	50	3,000
432025100321301	39N27W20ACD	121	10150006	122ARKR	100	2,700
432025100434001	39N29W23BCD	121	10140203	122ARKR	112	2,500
432025101223501	39N34W19AAAA	7	10140202	122ARKR	465	2,820
432028102120801	39N41W20BD	113	10140201	122ARKR	96	3,231
432033100305601	39N27W21ADDA	121	10150006	122ARKR	220	2,754
432033100312301	39N27W21BDAB	121	10150006	122ARKR	120	2,714
432035100315101	39N27W20ADAA	121	10150006	122ARKR	120	2,706
432035102162601	39N42W22A	113	10140201	122ARKR	--	3,218
432036102225001	39N43W23B	113	10140201	122ARKR	75	2,956
432038101223501	39N34W19AAAA2	7	10140202	122ARKR	465	2,820

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432040100441601	39N29W22AB	121	10140203	122ARKR	100	2,465
432044101115201	39N33W15DDDD	121	10140203	122ARKR	360	2,800
432048100392501	39N28W17DCD	121	10140203	122ARKR	233	2,680
432049100415301	39N29W13CC	121	10140203	122ARKR	200	2,640
432052100303401	39N27W15CCC	121	10140204	122ARKR	100	2,665
432054100582701	39N31W15C	121	10140203	122ARKR	96	2,600
432054102124401	39N41W18DD	113	10140201	122ARKR	94	3,080
432055101134801	39N33W16D	121	10140202	122ARKR	129	2,825
432055101134803	39N33W16D3	121	10140202	122ARKR	85	2,825
432057102230501	39N43W14CCBC	113	10140201	122ARKR	100	2,952
432102101185801	39N42W17ACD2	113	10140201	122ARKR	300	3,200
432108100400001	39N28W17CBD	121	10140203	122ARKR	210	2,683
432108102231601	39N43W15DA	113	10140201	122ARKR	40	3,011
432108102231602	39N43W15DA2	113	10140201	122ARKR	90	3,011
432113102115901	39N41W17	113	10140201	122ARKR	--	3,215
432115102234301	39N43W15	113	10140201	122ARKR	64	3,179
432117100371601	39N28W15ACC	121	10140203	122ARKR	160	2,585
432120101120001	39N41W17BCCC	113	10140201	122ARKR	220	3,077
432120102124401	39N41W18AD	113	10140201	122ARKR	100	3,070
432128102240001	39N43W15B	113	10140201	122ARKR	--	3,054
432128102240002	39N43W15B2	113	10140201	122ARKR	--	3,054
432131101032701	39N32W13BBBB	121	10140203	122ARKR	125	2,633
432131101034001	39N32W14AAA	121	10140203	122ARKR	125	2,634
432131101053001	39N32W15BAB	121	10140203	122ARKR	200	2,678
432134102214801	39N43W13BB	113	10140201	122ARKR	110	3,001
432149101005001	39N31W 8CACB	121	10140203	122ARKR	274	2,653
432150100381401	39N28W 9DDBB	121	10140203	122ARKR	120	2,540
432150100381701	39N28W 9DCA	121	10140203	122ARKR	68	2,518
432153100371201	39N28W10D	121	10140203	122ARKR	72	2,545
432154102151501	39N42W11D	113	10140201	122ARKR	--	3,125
432203100361301	39N28W11CAA	121	10140203	122ARKR	160	2,535
432205100294301	39N27W10DABB	121	10140204	122ARKR	75	2,513
432205101032201	39N32W11ACDA	121	10140203	122ARKR	125	2,595
432209101012501	39N31W 7ACAA	121	10140203	122ARKR	110	2,538
432213102224102	39N43W11BD2	113	10140201	122ARKR	120	2,936
432218100414401	39N29W12A	121	10140203	122ARKR	35	2,500
432218100414402	39N29W12A2	121	10140203	122ARKR	70	2,500
432225102130201	39N41W 7AB	113	10140201	122ARKR	110	--

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432226100395101	39N28W 8BA	121	10140203	122ARKR	55	2,537
432226102240901	39N43W10BB	113	10140201	122ARKR	175	3,018
432228102203801	39N42W 7BB	113	10140201	122ARKR	300	3,020
432230102054001	39N40W 6DCDA	7	10140201	122ARKR	155	3,025
432234101082501	39N32W 6DDBD	121	10140203	122ARKR	--	2,655
432236100351201	39N28W 1CDC	121	10140203	122ARKR	60	2,515
432237101081901	39N32W 6DDAA	121	10140203	122ARKR	--	2,654
432237102242801	39N43W 4DD	113	10140201	122ARKR	300	3,000
432242100281201	39N27W 1CCB	121	10140204	122ARKR	80	2,520
432244100373601	39N28W 3DBAC2	121	10140203	122ARKR	35	2,482
432244100594502	39N31W 4CBDB2	121	10140203	122ARKR	60	2,467
432244100594701	39N31W 4CBCA	121	10140203	122ARKR	51	2,467
432244101050701	39N32W 3DBDC	121	10140203	122ARKR	125	2,610
432250101084501	39N32W 6AC	121	10140203	122ARKR	150	2,667
432258102085701	39N41W 2BCCB	113	10140201	122ARKR	145	3,040
432258102164401	39N42W 3	113	10140201	122ARKR	--	3,075
432300102230501	39N43W 2BCC	113	10140201	122ARKR	150	2,910
432305102185701	39N42W 5AC	113	10140201	122ARKR	150	2,895
432310101045501	39N32W 3AAAA	121	10140203	122ARKR	125	2,610
432315100271901	39N27W 1AAC	121	10140204	122ARKR	100	2,520
432316100305801	39N27W 3BBD	121	10140204	122ARKR	65	2,500
432317102132001	39N41W 6BA	113	10140201	122ARKR	165	3,018
432319102250201	39N43W 4BA	113	10140201	122ARKR	--	2,930
432319102261301	39N43W 5BA	113	10140201	122ARKR	--	3,050
432320102302101	39N44W 3AA	113	10140201	122ARKR	200	2,820
432322100331201	39N27W 6AAA	121	10140204	122ARKR	50	2,485
432325102170601	40N42W34CC	113	10140201	122ARKR	300	3,250
432326101041001	40N32W35CDD	95	10140203	122ARKR	100	2,595
432326101081101	40N32W32CCC	95	10140203	122ARKR	140	2,650
432328101403801	40N37W34DCDA	71	10140202	122ARKR	--	2,821
432329101030101	40N32W36CD	95	10140203	122ARKR	180	2,560
432329101075802	40N32W32CCC2	95	10140203	122ARKR	140	2,645
432330101363501	40N36W29BB	71	10140202	122ARKR	140	3,050
432330102300701	40N44W35CC	113	10140201	122ARKR	100	2,847
432332101034001	40N32W35DDB	95	10140203	122ARKR	90	2,590
432332102240901	40N43W34CC	113	10140201	122ARKR	80	2,922
432332102255501	40N43W32DC	113	10140201	122ARKR	150	3,050
432338101053901	40N32W33DA	95	10140203	122ARKR	180	2,609

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432338101405701	40N37W34CA	71	10140202	122ARKR	--	2,900
432339101042801	40N32W35CDB	95	10140203	122ARKR	150	2,595
432341101161001	40N33W31DBDC	71	10140202	122ARKR	325	2,776
432344101102501	40N33W36CBA	95	10140202	122ARKR	125	2,660
432345102231601	40N43W34DA	113	10140201	122ARKR	120	2,900
432350101502701	40N38W32	71	10140202	122ARKR	265	2,857
432354101251001	40N35W35AC	71	10140202	122ARKR	350	2,700
432355101280001	40N35W33BA	71	10140202	122ARKR	150	2,700
432356101550501	40N39W34AC	71	10140202	122ARKR	--	3,103
432357101145901	40N33W32BACD	71	10140202	122ARKR	300	2,730
432358101045501	40N32W34AC	95	10140203	122ARKR	270	2,610
432359101003501	40N31W32AC	95	10140203	122ARKR	220	2,540
432403101553201	40N39W34B	71	10140202	122ARKR	--	3,080
432404102240001	40N43W34B	113	10140201	122ARKR	49	2,852
432407101103001	40N33W36BB	95	10140202	122ARKR	120	2,660
432407101131201	40N33W33AAB	95	10140202	122ARKR	225	2,742
432408101250301	40N35W35AA	71	10140202	122ARKR	--	2,739
432408101253901	40N35W35BA	71	10140202	122ARKR	--	2,700
432408101281901	40N35W33BB	71	10140202	122ARKR	150	2,696
432408101283701	40N35W32AA	71	10140202	122ARKR	55	2,690
432409102235401	40N43W34BACD	113	10140201	122ARKR	45	2,850
432410101294001	40N35W31AAAA	71	10140203	122ARKR	325	2,620
432410101294002	40N35W31AAAA2	71	10140202	122ARKR	318.5	2,732
432411102231601	40N43W34AA	113	10140201	122ARKR	275	3,001
432416100315601	40N27W32AAA	95	10140204	122ARKR	16	2,478
432416100315602	40N27W32AAA2	95	10140204	122ARKR	22	2,478
432417102024501	40N40W27CC	71	10140202	122ARKR	370	3,225
432420102155501	40N42W26C	113	10140201	122ARKR	130	3,075
432422101350701	40N36W28CD	71	10140202	122ARKR	140	3,051
432422101451401	40N38W25DD	71	10140202	122ARKR	65	2,719
432425100315601	40N27W29DDD	95	10140204	122ARKR	40	2,470
432425100315602	40N27W29DDD2	95	10140204	122ARKR	40	2,480
432427102100001	40N41W27CAA	113	10140201	122ARKR	200	2,932
432428101181101	40N34W26DB	71	10140202	122ARKR	--	2,660
432428102211501	40N43W25DB	113	10140201	122ARKR	250	3,000
432429102024201	40N40W27C	71	10140202	122ARKR	--	3,116
432430101094001	40N33W25DAC	95	10140202	122ARKR	125	2,635
432430101094002	40N33W25DAC2	95	10140202	122ARKR	125	2,540

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432430101264001	40N35W27CA	71	10140202	122ARKR	--	2,675
432434101291201	40N35W29CA	71	10140202	122ARKR	--	2,703
432435101380401	40N37W25DA	71	10140202	122ARKR	--	3,034
432439100341101	40N27W30CBC	95	10140204	122ARKR	120	2,415
432441100343701	40N28W25DABB	95	10140203	122ARKR	65	2,455
432441101431701	40N37W29	71	10140202	122ARKR	--	2,808
432442100333501	40N27W30DBB	95	10140204	122ARKR	30	2,353
432442101584801	40N39W30	71	10140202	122ARKR	--	3,021
432442102071301	40N41W25	113	10140201	122ARKR	--	2,969
432446101131104	40N33W28AD	95	10140202	122ARKR	110	2,740
432446101131105	40N33W28AD2	95	10140202	122ARKR	60	2,740
432446101203701	40N34W28AC	71	10140202	122ARKR	--	2,709
432447101253901	40N35W26BD	71	10140202	122ARKR	--	2,677
432448101330301	40N36W26BC	71	10140202	122ARKR	--	3,087
432450102213001	40N43W25BD	113	10140201	122ARKR	100	2,915
432450102261301	40N43W29BD	113	10140201	122ARKR	80	2,900
432453101075601	40N32W29BCAB	95	10140202	122ARKR	240	2,618
432454101530001	40N39W25BA	71	10140202	122ARKR	--	3,200
432455101201801	40N34W28AA	71	10140202	122ARKR	--	2,710
432455102065501	40N41W25A	113	10140201	122ARKR	--	2,952
432456102002501	40N40W25BBB	71	10140202	122ARKR	--	3,100
432456102213901	40N43W25B	113	10140201	122ARKR	--	2,930
432500101170401	40N34W25AB	71	10140202	122ARKR	--	2,703
432500101213001	40N34W29AA	71	10140202	122ARKR	--	2,686
432500102092001	40N41W27ABDD	113	10140201	122ARKR	53	2,959
432502102094501	40N41W27BA	113	10140201	122ARKR	--	2,936
432502102182101	40N42W28BB	113	10140201	122ARKR	350	2,910
432503102242701	40N43W28AA	113	10140201	122ARKR	82	2,870
432505101502201	40N38W20CD	71	10140202	122ARKR	--	2,800
432510101562701	40N39W21CD	71	10140202	122ARKR	--	3,100
432512101145801	40N33W20CDBC	71	10140202	122ARKR	--	2,707
432512101151601	40N33W20CDDC	71	10140202	122ARKR	--	2,662
432512101161001	40N33W19CDDD	71	10140202	122ARKR	--	2,720
432513101252601	40N35W23CC	71	10140202	122ARKR	135	2,654
432513101283701	40N35W20DD	71	10140202	122ARKR	170	2,755
432514101434401	40N37W20CC	71	10140202	122ARKR	--	2,795
432514102250401	40N43W21CDCD	113	10140201	122ARKR	80	2,850
432515101071701	40N32W20DDBB	95	10140202	122ARKR	220	2,597

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432515102004501	40N40W23DD	71	10140202	122ARKR	300	3,247
432516102205501	40N43W24DD	113	10140201	122ARKR	180	2,921
432516102244401	40N43W21DC	113	10140201	122ARKR	110	2,855
432517101064001	40N32W21CAACC	95	10140203	122ARKR	240	2,600
432524101083901	40N35W20DB	71	10140202	122ARKR	150	2,650
432526101205401	40N34W21CA	71	10140202	122ARKR	240	2,749
432527101374601	40N36W19CB	71	10140202	122ARKR	190	2,946
432530101024801	40N32W24CBB	95	10140203	122ARKR	152	2,568
432530101024902	40N32W24DBB2	95	10140203	122ARKR	125	2,568
432530101024903	40N32W24DBB3	95	10140203	122ARKR	125	2,568
432530101134801	40N33W16CBDB	71	10140202	122ARKR	200	2,593
432532101172801	40N34W24AC	71	10140202	122ARKR	--	2,600
432532101370701	40N36W19AC	71	10140202	122ARKR	50	2,910
432535102104001	40N41W21BADD	113	10140201	122ARKR	220	--
432536101092303	40N32W19BCC	95	10140202	122ARKR	120	2,595
432540101092202	40N32W19BCC2	95	10140202	122ARKR	100	2,595
432541102075801	40N41W23AD	113	10140201	122ARKR	60	2,929
432542101000101	40N31W21BC	95	10140203	122ARKR	200	2,550
432543101072401	40N32W20ACB	95	10140202	122ARKR	90	2,575
432544100310301	40N27W21ACD	95	10140204	122ARKR	46	2,493
432545101102701	40N33W24BBDD	95	10140202	122ARKR	108	2,548
432548101105201	40N33W23AAC	95	10140202	122ARKR	90	2,525
432548101105202	40N33W23AAC2	95	10140202	122ARKR	80	2,525
432550101320001	40N36W23AA	71	10140202	122ARKR	--	3,000
432550101450701	40N38W24AA	71	10140202	122ARKR	80	2,800
432551101155201	40N33W19ABAA	71	10140202	122ARKR	--	2,634
432553101363501	40N36W20BB	71	10140202	122ARKR	150	2,880
432553101385801	40N37W24BB	71	10140202	122ARKR	270	2,953
432554101065601	40N32W21BBBB	95	10140204	122ARKR	162.5	2,576
432555101093101	40N33W24AAA	95	10140202	122ARKR	50	2,615
432555101095801	40N33W13CCDC	95	10140202	122ARKR	100	2,553
432555102102201	40N41W21BAAC	113	10140201	122ARKR	140	2,871
432556101054901	40N32W21AAA	95	10140202	122ARKR	120	2,585
432556101061501	40N32W21ABB	95	10140202	122ARKR	120	2,580
432556101085001	40N32W19BAA	95	10140202	122ARKR	100	2,580
432556101085002	40N32W19BAA2	95	10140202	122ARKR	100	2,580
432556101085003	40N32W19BAA3	95	10140202	122ARKR	130	2,580
432600101245201	40N35W13CCCC	71	10140202	122ARKR	137	2,628

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432601102022901	40N40W15DD	71	10140202	122ARKR	320	3,055
432602101190501	40N34W15DD	71	10140202	122ARKR	265	2,670
432602101462501	40N38W14DD	71	10140202	122ARKR	80	2,625
432602102041601	40N40W17DD	71	10140202	122ARKR	350	3,175
432603101065301	40N32W16CC	95	10140202	122ARKR	80	2,575
432603101164001	40N34W13DD	71	10140202	122ARKR	180	2,550
432603101192001	40N34W22DB	71	10140202	122ARKR	190	2,670
432604101041201	40N32W14CDD	95	10140203	122ARKR	140	2,615
432605101205401	40N34W16CD	71	10140202	122ARKR	130	2,706
432605101300601	40N35W18DC	71	10140202	122ARKR	250	2,788
432606101305901	40N36W13DD	71	10140202	122ARKR	140	2,854
432606101352401	40N36W16CC	71	10140202	122ARKR	250	3,018
432606101360001	40N36W17DC	71	10140202	122ARKR	50	2,870
432606101363501	40N36W17CC	71	10140202	122ARKR	100	2,903
432607102085101	40N41W14CC	113	10140201	122ARKR	150	2,946
432607102103901	40N41W16DC	113	10140201	122ARKR	160	2,867
432607102113301	40N41W17DD	113	10140201	122ARKR	100	2,864
432608102252001	40N43W16CC	113	10140201	122ARKR	125	2,800
432609101064101	40N32W16CCA	95	10140202	122ARKR	30	2,575
432613102280401	40N44W12DAB	113	10140201	122ARKR	30	2,800
432619101054901	40N32W16DAD	95	10140202	122ARKR	108	2,580
432619101344901	40N36W16DB	71	10140202	122ARKR	186	2,969
432619101421501	40N37W16CA	71	10140202	122ARKR	150	2,903
432620102034601	40N40W16CA	71	10140202	122ARKR	--	3,093
432620102122801	40N41W17CCBA	113	10140201	122ARKR	100	2,935
432626101445501	40N37W18BC	71	10140202	122ARKR	150	2,775
432626102010001	40N40W14AC	71	10140202	122ARKR	40	3,100
432626102115901	40N41W17	113	10140201	122ARKR	--	2,837
432631101181501	40N34W14AC	71	10140202	122ARKR	180	2,821
432631101224101	40N34W18AD	71	10140202	122ARKR	--	2,591
432633102010301	40N40W14AC2	71	10140202	122ARKR	60	3,205
432633102185701	40N42W17AC	113	10140201	122ARKR	250	3,050
432634101281001	40N35W16BDBB	71	10140202	122ARKR	200	2,657
432644101205401	40N34W16BA	71	10140202	122ARKR	80	2,690
432644101213001	40N34W17AA	71	10140202	122ARKR	120	2,673
432646101554101	40N39W15BB	71	10140202	122ARKR	--	3,011
432646102032801	40N40W16AB	71	10140202	122ARKR	100	3,077
432648101072401	40N32W17ABB	95	10140202	122ARKR	100	2,553

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432649101081802	40N32W17BBBB2	95	--	122ARKR	112	2,546
432654101094901	40N33W12DCD	95	10140202	122ARKR	40	2,540
432654101130401	40N33W 9DDDA	95	10140202	122ARKR	120	2,570
432654101130601	40N33W 9DDDA2	95	10140202	122ARKR	90	2,575
432656102024801	40N40W15BB	71	10140201	122ARKR	100	3,100
432657101155201	40N33W 7CDCC	71	10140202	122ARKR	200	2,667
432657101213001	40N34W 8DD	71	10140202	122ARKR	100	2,641
432658101374601	40N36W 7CC	71	10140202	122ARKR	250	2,919
432659102053401	40N40W 7DD	71	10140202	122ARKR	308	3,136
432659102200501	40N42W 7DC	113	10140201	122ARKR	300	3,060
432700101120401	40N33W10DAB	95	10140202	122ARKR	35	2,540
432704101232501	40N34W 7C	71	10140202	122ARKR	190	2,604
432705102054301	40N40W 7D	71	10140202	122ARKR	--	3,192
432711101302301	40N35W 7CA	71	10140202	122ARKR	200	2,739
432712102015701	40N40W10DA	71	10140202	122ARKR	102	3,113
432715101040201	40N32W11DBB	95	10140202	122ARKR	80	2,640
432716101051701	40N32W10	95	10140202	122ARKR	72	2,581
432718102033701	40N40W 9	71	10140202	122ARKR	237	3,005
432720101281101	40N35W 8BD	71	10140202	122ARKR	230	2,660
432720101310701	40N36W12AC	71	10140202	122ARKR	--	2,750
432720102032301	40N40W 9AC	71	10140202	122ARKR	60	3,000
432721102030601	40N40W 9BD	71	10140202	122ARKR	150	3,000
432723101145801	40N33W 8BDDA	71	10140202	122ARKR	108	2,605
432723101145802	40N33W 8BD2	71	10140202	122ARKR	110	2,600
432724101294801	40N35W 7AD	71	10140202	122ARKR	245	2,729
432724101404501	40N37W10AC	71	10140202	122ARKR	150	2,920
432725102031001	40N40W 9AD	71	10140202	122ARKR	87	3,018
432725102100301	40N41W10BC	113	10140201	122ARKR	350	3,001
432725102111501	40N41W 9BC	113	10140201	122ARKR	360	2,870
432725102152401	40N42W11AC	113	10140201	122ARKR	150	2,810
432725102165301	40N42W10BD	113	10140201	122ARKR	220	2,985
432732101261501	40N35W10AB	71	10140202	122ARKR	180	2,600
432733101120401	40N33W10AAC	95	10140202	122ARKR	124	2,540
432734101145801	40N33W 8BDD2	71	10140202	122ARKR	110	2,604
432737101300601	40N35W 7AB	71	10140202	122ARKR	150	2,707
432737101321001	40N36W11AA	71	10140202	122ARKR	270	2,778
432737101352401	40N36W 9BB	71	10140202	122ARKR	250	2,821
432738102124401	40N41W 7AA	113	10140201	122ARKR	110	2,814

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432740101223501	40N34W 6DDDD	71	10140202	122ARKR	185	2,620
432742101115802	40N33W 3DDDC2	95	--	122ARKR	116	2,526
432744102051101	40N40W 5CC	71	10140202	122ARKR	420	3,100
432745101281001	40N35W 4CC	71	10140202	122ARKR	150	2,610
432746102013301	40N40W 2CCDD	71	10140202	122ARKR	345	3,116
432750101281901	40N35W 4CC2	71	10140202	122ARKR	90	2,650
432752101123101	40N33W 3CDA	95	10140202	122ARKR	70	2,530
432755101590501	40N39W 6CC	71	10140202	122ARKR	320	3,200
432756101295701	40N35W 6D	71	10140202	122ARKR	--	2,664
432759101114601	40N33W 2CBC	95	10140202	122ARKR	80	2,517
432800101094201	40N35W 6DA	71	10140202	122ARKR	160	2,600
432802101115901	40N33W 3DA	95	10140202	122ARKR	80	2,517
432802101121701	40N33W 3DB	95	10140202	122ARKR	110	2,520
432808101012901	40N31W 5CBB	95	10140203	122ARKR	65	2,605
432808101012903	40N31W 5CBB3	95	10140203	122ARKR	15	2,605
432811101361901	40N36W 6AD	71	10140202	122ARKR	265	3,000
432811102071301	40N41W 1	113	10140201	122ARKR	30	3,198
432812101123101	40N33W 3BDDD	95	10140202	122ARKR	80	2,535
432812101465501	40N38W 2BDDD	71	10140202	122ARKR	260	2,690
432813101473001	40N38W 3AD	71	10140202	122ARKR	40	2,800
432816101281901	40N35W 4BC	71	10140202	122ARKR	125	2,634
432816101344901	40N36W 4AC	71	10140202	122ARKR	80	2,723
432816101354201	40N36W 5AD	71	10140202	122ARKR	300	2,785
432816101363501	40N36W 5BC	71	10140202	122ARKR	265	2,782
432817102124401	40N41W 6AD	113	10140201	122ARKR	165	2,788
432821101504301	40N38W 5BDBB	71	10140202	122ARKR	200	2,782
432821101504302	40N38W 5BDBB2	71	10140202	122ARKR	49	2,782
432825102013301	40N40W 2BB	71	10140202	122ARKR	273	3,055
432825102015201	40N40W 3AA	71	10140202	122ARKR	275	3,025
432829101321001	40N36W 2AA	71	10140202	122ARKR	170	2,736
432830101561601	40N39W 4AB	71	10140202	122ARKR	300	2,923
432830102132001	40N41W 6BA	113	10140201	122ARKR	80	2,791
432833101075001	40N32W 5BBA	95	10140202	122ARKR	19	2,580
432844101563301	41N39W34DD	71	10140202	122ARKR	320	2,833
432852101553101	41N39W35DB	71	10140202	122ARKR	360	2,900
432909101363101	41N36W33AC	71	10140202	122ARKR	200	2,854
432912101264201	41N35W35A	71	10140202	122ARKR	113	2,550
432915102154201	41N42W36A	113	10140201	122ARKR	62	2,925

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
432920101442801	41N37W29DD	71	10140202	122ARKR	180	2,820
432920101573801	41N39W33AA	71	10140202	122ARKR	310	2,840
432921101224301	41N34W33BB	71	10140202	122ARKR	30	2,568
432921101333801	41N36W35AA	71	10140202	122ARKR	144	2,700
432921101351301	41N36W34AB	71	10140202	122ARKR	210	2,700
432921102130901	41N41W32AACD	113	10140201	122ARKR	40	2,772
432921102160801	41N42W36BA	113	10140201	122ARKR	120	2,979
432922101372501	41N36W32AA	71	10140202	122ARKR	250	2,828
432923101594701	41N39W32BB	71	10140202	122ARKR	290	3,000
432930101341501	41N36W26CD	71	10140202	122ARKR	100	2,625
432934101235501	41N34W29CC	71	10140202	122ARKR	--	2,509
432934101573001	41N39W27CC	71	10140202	122ARKR	320	2,850
432941102154201	41N42W25D	113	10140201	122ARKR	--	2,931
432941102154202	41N42W25D2	113	10140201	122ARKR	38	2,931
432948101380101	41N36W29CA	71	10140202	122ARKR	150	2,824
432951101350901	41N36W27DA	71	10140202	122ARKR	260	2,500
432954102182201	41N42W27	113	10140201	122ARKR	--	2,948
433000101354701	41N36W27BC	71	10140202	122ARKR	250	2,700
433001101383701	41N36W30AD	71	10140202	122ARKR	150	2,837
433001101435901	41N37W28BD	71	10140202	122ARKR	--	2,850
433002102015801	41N40W25BD	71	10140202	122ARKR	--	2,950
433002102115501	41N41W28AD	113	10140201	122ARKR	180	2,790
433010101351401	41N36W27ABD	71	10140202	122ARKR	150	2,772
433013101542801	41N39W25AB	71	10140202	122ARKR	100	2,755
433014101451101	41N37W29BA	71	10140202	122ARKR	450	2,820
433020101394201	41N37W24DDDD	71	10140202	122ARKR	305	2,855
433026101303201	41N35W20DC	71	10140202	122ARKR	100	2,552
433026102012001	41N40W24DD	71	10140202	122ARKR	140	2,950
433027101393101	41N36W19CC	71	10140202	122ARKR	150	2,840
433029101302001	41N35W20DC2	71	10140202	122ARKR	100	2,530
433029101550201	41N39W24CC	71	10140202	122ARKR	100	2,801
433039101312601	41N35W19DA	71	10140202	122ARKR	115	2,483
433045101270401	41N35W23	71	10140202	122ARKR	--	2,542
433047101450201	41N37W20	71	10140202	122ARKR	140	2,802
433052101163601	41N33W20CDBB	71	10140202	122ARKR	175	2,562
433055101081901	41N32W21BCBC	95	10140202	122ARKR	--	2,575
433104101350001	41N36W22AA	71	10140202	122ARKR	240	2,800
433104101452801	41N37W20BB	71	10140202	122ARKR	55	2,820

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
433105101214901	41N34W21AA	71	10140202	122ARKR	84	2,601
433105101322001	41N35W19BB	71	10140202	122ARKR	115	2,493
433107102124901	41N41W21BB	113	10140201	122ARKR	340	2,741
433108101563301	41N39W22AA	71	10140202	122ARKR	167	2,880
433108101595201	41N39W20BB	71	10140202	122ARKR	196	2,915
433108101595202	41N39W20BB2	71	10140202	122ARKR	200	2,915
433111102102201	41N41W23BABB	113	10140201	122ARKR	82	2,970
433118101214901	41N34W16DD	71	10140202	122ARKR	110	2,585
433118101261901	41N35W13CC	71	10140202	122ARKR	85	2,575
433119101381901	41N36W17CC	71	10140202	122ARKR	130	2,750
433119101432301	41N37W16DD	71	10140202	122ARKR	180	2,785
433119101432302	41N37W16DD2	71	10140202	122ARKR	100	2,785
433119101452901	41N37W17CC	71	10140202	122ARKR	350	2,800
433131101220701	41N34W16DB	71	10140202	122ARKR	95	2,565
433132101454601	41N37W18DA	71	10140202	122ARKR	100	2,795
433133102112701	41N41W15CA	113	10140201	122ARKR	500	2,830
433139101243001	41N34W18DC	71	10140202	122ARKR	120	2,500
433141101250001	41N34W18BC	71	10140202	122ARKR	100	2,470
433150102133001	40N41W17AA	113	10140201	122ARKR	90	3,000
433156101442801	41N37W16BB	71	10140202	122ARKR	234	2,715
433157101462301	41N37W18BA	71	10140202	122ARKR	350	2,700
433206101251601	41N35W12DD	71	10140202	122ARKR	100	2,500
433211101572701	41N39W10CC	71	10140202	122ARKR	--	2,940
433218101431601	41N37W 9DA	71	10140202	122ARKR	180	2,730
433236101181202	41N34W12AD2	71	10140202	122ARKR	85	2,641
433237101380101	41N36W 8BD	71	10140202	122ARKR	160	2,775
433250101361301	41N36W 9AA	71	10140202	122ARKR	200	2,783
433255101384301	42N36W31DD	71	10140202	122ARKR	170	2,680
433302101235501	41N34W 5CC	71	10140202	122ARKR	80	2,542
433303101460401	41N37W 6DC	71	10140202	122ARKR	74	2,750
433304101505101	41N38W 4DC	71	10140202	122ARKR	75	2,700
433310101361001	41N36W 4DA	71	10140202	122ARKR	160	2,600
433321101244001	41N34W 6	71	10140202	122ARKR	--	2,477
433328101322001	41N35W 6BC	71	10140202	122ARKR	120	2,627
433335101180801	42N34W36DD	71	10140202	122ARKR	510	2,500
433342101385501	41N36W 6AB	71	10140202	122ARKR	160	2,670
433342101415401	41N37W 2BB	71	10140202	122ARKR	--	2,725
433355101364901	42N36W33CD	71	10140202	122ARKR	120	2,744

Table 57. Selected descriptive data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[County code: 7 = Bennett County, 53 = Gregory County, 71 = Jackson County, 95 = Mellette County, 113 = Shannon County, and 121 = Todd County; Datum, National Geodetic Vertical Datum; 121OGLL, Ogallala Formation; 122ARKR, Arikaree Formation; --, no data]

Site number	Local identifier	County code	Hydrologic unit	Geologic unit	Depth of well, total (feet)	Altitude of land surface, datum (feet)
433356101462201	42N37W31CD	71	10140202	122ARKR	54	2,700
433357101525401	42N38W32CD	71	10140202	122ARKR	100	2,800
433357101550201	42N39W36CC	71	10140202	122ARKR	160	2,910
433407101323601	42N36W36DA	71	10140202	122ARKR	80	2,789
433407101380001	42N36W32CA	71	10140202	122ARKR	150	2,740
433407101393101	42N36W31CB	71	10140202	122ARKR	245	2,650
433410101535001	42N38W31CB	71	10140202	122ARKR	246	2,789
433417101400001	42N37W36ACDD	71	10140202	122ARKR	--	2,660
433421101385501	42N36W31AC	71	10140202	122ARKR	90	2,650
433422101394901	42N37W36AD	71	10140202	122ARKR	--	2,600
433422101394902	42N37W36AD2	71	10140202	122ARKR	--	2,600
433422101421201	42N37W34AD	71	10140202	122ARKR	100	2,718
433422101421202	42N37W34AD2	71	10140202	122ARKR	98	2,718
433422101443501	42N37W32AD	71	10140202	122ARKR	50	2,600
433427102100501	42N41W35ACBB	113	10140201	122ARKR	22	2,898
433434101363101	42N36W33AB	71	10140202	122ARKR	120	2,675
433443101393201	42N36W30CB	71	10140202	122ARKR	90	2,650
433445101321501	42N35W30CC	71	10140202	122ARKR	310	2,840
433500101352001	42N36W27DB	71	10140202	122ARKR	140	2,500
433501101330101	42N36W25ACCC	71	10140202	122ARKR	--	2,650
433505101390601	42N36W30CAAA	71	10140202	122ARKR	125	2,685
433513101385501	42N36W30AC	71	10140202	122ARKR	--	2,700
433527101415401	42N37W26BB	71	10140202	122ARKR	--	2,752
433539101334801	42N36W23DD	71	10140202	122ARKR	134	2,575
433539101334802	42N36W23DD2	71	10140202	122ARKR	108	2,575
433611102072601	42N40W19A	71	10140201	122ARKR	--	2,930
433657101564201	42N39W15AC	71	10140202	122ARKR	110	2,750
433659101565101	42N39W15AC2	71	10140202	122ARKR	110	2,700

Table 58. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, millileter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents								
Flow rate instantaneous (gallons/minute)	0.97	1.01	0.18	0.86	1.09	0.5	1.22	20
Elevation of land surface datum (feet NGVD)	--	--	--	--	--	2,400	3,530	56
Depth of well, total (feet)	--	--	--	--	--	27	565	178
Specific conductance, µS/cm at 25 deg C	421.4	383	192.0	312	483	80	1730	339
pH, water, whole, field (standard units)	--	--	--	--	--	6.8	8.6	426
Temperature, air (deg C)	18.6	21.5	11.2	7	28	-4	36	71
Water temperature (deg C)	13.8	13.6	2.7	12.5	15	0.9	25	130
Turbidity (NTU)	1.4	0.4	5.1	0.2	0.7	0.1	38	55
Barometric pressure (mm of Hg)	--	--	--	--	--	1.25	785	59
Oxygen, dissolved (mg/L)	6.41	7.23	3.29	5.04	8.89	0.06	11.6	53
Oxygen, dissolved (percent of saturation)	64.31	73.02	33.88	42.61	87.45	0.63	126.10	53
Oxidation reduction potential (millivolts)	209.9	218.5	63.8	184.5	260	20	300	24
Hardness, total (mg/L as $CaCO_3$)	144.40	150.05	73.98	103.82	173.95	7.49	548.57	413
Noncarbonate hardness, water, whole, total, field (mg/L as $CaCO_3$)	82.8	34	104.2	14	120	7	382	13
Alkalinity, water, dissolved, total, incremental titration, field (mg/L as $CaCO_3$)	187.3	175	58.1	154	197	100	481	55
Alkalinity, titration to pH 4.5, laboratory (mg/L as $CaCO_3$)	200.8	181	74.1	162.8	220.3	104	534	88
Alkalinity, water, whole, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	177.8	180	67.4	144	211	1	372	97
Alkalinity, methylorange (mg/L)	--	--	--	--	--	166	166	1
Alkalinity, water, dissolved, total, fixed endpoint titration, field (mg/L as $CaCO_3$)	185.6	175	56.6	152	197	97	472	55

Table 58. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, millileter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Alkalinity, water, whole, total, incremental titration, field (mg/L as $CaCO_3$)	248.5	248.5	82.7	--	--	190	307	2
Fecal coliform .7 µm-mf (colonies/100 mL)	1	1	0	--	--	1	1	2
Streptococci, fecal, membrane filter, KF agar (colonies/100 mL)	1.4	1.4	0.5	--	--	1	1.7	2
Calcium, dissolved (mg/L)	45.5	46	23.3	32	55	1.6	170	418
Magnesium, dissolved (mg/L)	7.36	7	6.03	3.8	9.72	0.01	70	404
Sodium, dissolved (mg/L)	31.2	15.5	37.8	6	39.5	1.1	245	410
Sodium (percent)	25.44	16.16	24.67	7.4	34.04	1.75	94.89	401
Sodium adsorption ratio	1.736	0.529	3.303	0.214	1.403	0.043	22.186	403
Potassium, dissolved (mg/L)	9.8	9	4.7	7	11	0.8	60	405
Bicarbonate, water, whole, fixed endpoint titration, field (mg/L as HCO_3)	208.23	215	64.48	176	243	1.32	454	277
Bicarbonate, incremental titration, lab (mg/L as HCO_3)	228.7	220	63.3	195	277.8	93	361	32
Bicarbonate, water, dissolved, incremental titration, field (mg/L as HCO_3)	232.5	215	77.0	187	245	122	587	55
Carbonate, water, whole, fixed endpoint titration, field (mg/L as CO_3)	9.8	7	6.6	5	15.5	0.6	24	20
Carbonate, water, dissolved, incremental titration, field (mg/L as CO_3)	7.5	7.5	0.7	--	--	7	8	2
Sulfate, dissolved (mg/L)	23.2	14	28.7	5.2	27	1	221	377
Chloride, dissolved (mg/L)	7.7	4	15.9	2	7	0.1	220	417
Fluoride, dissolved (mg/L)	0.51	0.4	0.50	0.3	0.5	0.03	4.6	163
Silica, dissolved (mg/L)	62.6	63	8.8	58.5	68	22	81	121
Solids, sum of constituents, dissolved (mg/L)	254.40	230.61	121.96	184.68	299.03	42.18	1,176.03	379

Table 58. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, millileter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Solids, residue on evaporation at 180 deg C, dissolved (mg/L)	320.0	291	132.3	254.8	348.8	100	1,200	218
Solids, residue on total evaporation at 105 deg C (mg/L)	--	--	--	--	--	90	90	1
Residue, total non filterable (mg/L)	--	--	--	--	--	7	7	1
Nitrogen ammonia, dissolved (mg/L as N)	0.025	0.01	0.060	0.002	0.015	0.002	0.39	63
Nitrogen ammonia plus organic, dissolved (mg/L as N)	--	--	--	--	--	0.3	0.3	1
Nitrogen, nitrite, total (mg/L as N)	0.01	0.01	0	0.01	0.01	0.01	0.01	20
Nitrogen, nitrite, dissolved (mg/L as N)	0.008	0.01	0.010	0.001	0.01	0.001	0.07	56
Nitrogen nitrite plus nitrate, dissolved (mg/L as N)	5.07	1.5	9.13	0.9	3.4	0.005	44	87
Nitrogen nitrate, total (mg/L as N)	3.07	1.16	6.74	0.8	1.86	0.03	44	202
Nitrogen nitrate, dissolved (mg/L as N)	4.02	0.82	8.39	0.43	2.65	0.02	38.99	36
Phosphate ortho, dissolved (mg/L)	1.030	0.184	2.684	0.061	0.909	0.012	17.477	49
Phosphorus, dissolved (mg/L)	0.01	0.01	0	--	--	0.01	0.01	2
Phosphorus orthophosphate, dissolved (mg/L as P)	0.25	0.04	0.77	0.01	0.15	0.004	5.7	58
Aluminum, dissolved (µg/L)	8.8	5	11.3	5	5	5	39	9
Antimony, dissolved (µg/L)	1.5	1.5	0.7	--	--	1	2	2
Arsenic, total (µg/L)	4.7	3.75	2.5	3.1	6.9	1.5	9.2	8
Arsenic, dissolved (µg/L)	21.6	8	29.0	5	21	1	110	71
Barium, total (µg/L)	101.9	103	28.8	78.3	110.8	65	160	8
Barium, dissolved (µg/L)	142.3	109	99.2	84.8	180	39	360	10
Beryllium, dissolved (µg/L)	--	--	--	--	--	0.5	0.5	1
Boron, dissolved (µg/L)	113.42	70	134.66	40	130	0.05	780	111
Cadmium, total (µg/L)	1.6	1	1.0	1	2.4	1	3.5	8
Cadmium, dissolved (µg/L)	1	1	0	1	1	1	1	33

Table 58. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, millileter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Chromium, total (µg/L)	5.3	2.3	7.0	1.1	8.3	1	21	8
Chromium, dissolved (µg/L)	1.2	1	0.7	1	1	1	5	33
Cobalt, dissolved (µg/L)	3	3	0	--	--	3	3	2
Copper, total (µg/L)	2.43	0.11	3.33	0.02	6	0.015	7	5
Copper, dissolved (µg/L)	4.2	2	4.6	1	5	1	17	27
Iron, total (µg/L)	1,196	80	7,630	25	160	0.001	74,000	109
Iron, dissolved (µg/L)	20.5	3	48.6	3	10	3	280	69
Lead, total (µg/L)	4.0	1.3	4.3	1	6.8	1	12.5	8
Lead, dissolved (µg/L)	1.5	1	1.8	1	1	1	10	33
Lithium, dissolved (µg/L)	--	--	--	--	--	37	37	1
Manganese, total (µg/L)	315	20	1,515	20	20	20	9,000	35
Manganese, dissolved (µg/L)	14.8	1.5	43.3	1	10	1	270	68
Mercury, total recoverable (µg/L)	0.4	0.2	0.6	0.2	0.3	0.2	2	8
Mercury, dissolved (µg/L)	0.1	0.1	0.1	0.1	0.1	0.1	0.6	31
Molybdenum, dissolved (µg/L)	2.8	1.7	2.4	1	3.9	1	10	16
Nickel, dissolved (µg/L)	5.5	5.5	6.4	--	--	1	10	2
Selenium, total (µg/L)	1.0	1	0.1	1	1.1	1	1.2	8
Selenium, dissolved (µg/L)	2.1	1	2.9	1	2	1	20	69
Silver, total (µg/L)	2.6	1	3.5	1	2.4	1	11	8
Silver, dissolved (µg/L)	1.5	1.5	0.7	--	--	1	2	2
Strontium, dissolved (µg/L)	--	--	--	--	--	520	520	1
Vanadium, dissolved (µg/L)	24.2	12	36.5	7.5	21.8	6	150	16
Zinc, total (µg/L)	7.353	0.65	9.824	0.058	18	0.046	20	5
Zinc, dissolved (µg/L)	64.5	13	182.7	8	28	3	960	33

Table 58. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, millileter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Alpha, gross, total as U natural (µg/L)	6.19	6.20	5.52	1.24	11.14	1.051	11.32	4
Alpha radioactivity, water, dissolved, as Th-230 (pCi/L)	6.1	3.1	12.1	2.5	5.3	0.6	71	32
Alpha radioactivity 2 sigma precision estimate, water, dissolved, as Th-230 (pCi/L)	2.008	0.954	3.245	0.757	1.44	0.345	17	35
Alpha, gross, dissolved as U natural (µg/L)	9.6	5.3	18.1	3.4	8.2	0.7	97	27
Alpha radioactivity, 2 sigma precision estimate, water, dissolved, as nat U (µg/L)	2.00	1.47	2.07	1.13	2.00	0.55	11.3	26
Gross alpha radioactivity, suspended, total (µg/L as U natural)	--	--	--	--	--	0.8	0.8	1
Gross beta, dissolved (pCi/L as Cs-137)	15.6	13	11.0	11	16	5.2	72	36
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as Cs-137 (pCi/L)	3.04	2.36	1.61	2.07	3.3	1.45	8.98	35
Gross beta suspended (pCi/L as Cs-137)	--	--	--	--	--	0.4	0.4	1
Beta, gross, dissolved as strontium/yttrium-90 (pCi/L)	11.8	9.5	9.1	8.3	12	4	54	27
Beta radioactivity, 2 sigma precision estimate, water, dissolved, as S4-90/Y-90 (pCi/L)	1.85	1.59	1.10	1.45	1.87	0.872	6.76	26
Gross beta radioactivity, suspended, total (pCi/L as SR/Y-90)	--	--	--	--	--	0.4	0.4	1
Radium 226, dissolved, planchet count (pCi/L)	0.22	0.13	0.19	0.1	0.3875	0.1	0.55	5
Radium-226, 2 sigma precision estimate, water, dissolved (pCi/L)	0.1	0.1	0	--	--	0.1	0.1	2
Radium 228, dissolved (pCi/L as Ra-228)	--	--	--	--	--	1	1	1
Radium-228, 2 sigma precision estimate, water, dissolved (pCi/L)	--	--	--	--	--	0.4	0.4	1
Uranium, natural, water, dissolved (µg/L)	4,755	5.4	18,996	3.3	7.6	1.4	75,990	16
Uranium, natural, 2 sigma precision estimate, water, dissolved (µg/L)	0.302	0.114	0.534	0.069	0.16	0.032	1.8	15

Table 58. Summary of selected water-quality data (from the U.S. Geological Survey database) for ground-water sites in the High Plains aquifer in South Dakota—Continued

[Q1, first quartile; Q3, third quartile; mm, millimeters; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; µm-mf, micrometers-membrane filter; mL, millileter; deg C, degrees Celsius; NTU, nephelometric turbity unit; Hg, mercury; $CaCO_3$, calcium carbonate; HCO_3, hydrogen carbonate; CO_3, carbonate; N, nitrogen; P, phosphorus; Cs, cesium; Th, thorium; NO_3, nitrate; U, uranium; Sr, strontium; Y, yttrium; NGVD, National Geodetic Vertical Datum; min, minutes; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Inorganic Constituents—Continued								
Tritium, total (pCi/L)	5.7	5.7	0	--	--	5.7	5.7	2
Tritium, 2 sigma precision estimate, water, whole, total (pCi/L)	--	--	--	--	--	3.8	3.8	1
Cyanide, total (mg/L)	--	--	--	--	--	0.01	0.01	1
Cyanide, dissolved (mg/L)	--	--	--	--	--	0.01	0.01	1
Carbon organic, dissolved (mg/L as carbon)	--	--	--	--	--	1.1	1.1	1
Organic Constituents								
Alachlor, total recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Ametryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Atrazine, water, unfiltered, recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Cyanazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
2,4-D, total (µg/L)	0.03	0.01	0.03	0.01	0.05	0.01	0.07	7
2, 4-DP, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	7
Dicamba, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	7
Metolachlor, water, whole, total recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Metribuzin, water, whole, total recoverable (<µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Picloram, water, unfiltered, recoverable (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	7
Prometone, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Prometryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Propazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Silvex, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	7
Simazine, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
Simetryne, total (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7
2,4,5-T, total (µg/L)	0.01	0.01	0	0.01	0.01	0.01	0.01	7
Trifluralin, total recoverable (µg/L)	0.1	0.1	0	0.1	0.1	0.1	0.1	7

Table 59. Estimated total water use in 1995 within the Little White River Basin in South Dakota

Description	Quantity (million gallons per day)
Total ground-water withdrawals, fresh	7.08
Total ground-water withdrawals, saline	.00
Total withdrawals, ground water	7.08
Total surface-water withdrawals, fresh	.47
Total surface-water withdrawals, saline	.00
Total withdrawals, surface water	.47
Total withdrawals, fresh	7.55
Total withdrawals, saline	.00
Total withdrawals	7.55
Consumptive use, fresh	5.96
Consumptive use, saline	.00
Consumptive use, total	5.96
Reclaimed wastewater	.00
Conveyance losses	.19

Table 60. Estimated water use in 1995 for selected categories within the Little White River Basin in South Dakota

[All data is in million gallons per day, unless otherwise noted; --, not applicable]

Category	Public supply	Commercial	Domestic	Industrial	Thermoelectric			Mining	Livestock		Irrigation	Hydroelectric		Wastewater treatment	Reservoir evaporation
					Fossil fuel	Geothermal	Nuclear		Stock	Animal specialties		Instream	Offstream		
Instream water use	--	--	--	--	--	--	--	--	--	--	--	47.82	--	--	--
Surface-water withdrawals, fresh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.09	--	0.00	--	--
Surface-water withdrawals, saline	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	--	.00	--	--
Surface-water withdrawals, total	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.09	--	.00	--	--
Ground-water withdrawals, fresh	.16	.00	.31	.00	.00	.00	.00	.00	.25	.00	6.36	--	--	--	--
Ground-water withdrawals, saline	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	--	--	--	--
Ground-water withdrawals, total	.16	.00	.31	.00	.00	.00	.00	.00	.25	.00	6.36	--	--	--	--
Total withdrawals, fresh	.16	.00	.31	.00	.00	.00	.00	.00	.63	.00	6.45	--	--	--	--
Total withdrawals, saline	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	--	--	--	--
Total withdrawals	.16	.00	.31	.00	.00	.00	.00	.00	.63	.00	6.45	--	--	--	--
Population served by surface water (thousands)	.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Population served by ground water (thousands)	2.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Population served, total (thousands)	2.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Self-supplied population (thousands)	--	--	6.40	--	--	--	--	--	--	--	--	--	--	--	--
Public-supplied population (thousands)	--	--	2.48	--	--	--	--	--	--	--	--	--	--	--	--
Deliveries from public supply	--	.37	.20	.00	.00	.00	.00	--	--	--	--	--	--	--	--
Water deliveries, total	.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water deliveries, public use and losses	-.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 60. Estimated water use in 1995 for selected categories within the Little White River Basin in South Dakota—Continued

[All data is in million gallons per day, unless otherwise noted; --, not applicable]

Category	Public supply	Commercial	Domestic	Industrial	Thermoelectric			Mining	Livestock		Irrigation	Hydroelectric		Wastewater treatment	Reservoir evaporation
					Fossil fuel	Geothermal	Nuclear		Stock	Animal specialties		In-stream	Off-stream		
Total withdrawals plus deliveries	--	0.37	0.51	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--
Per-capita withdrawal (gallons/day)	64.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Per-capita use, self-supplied (gallons/day)	--	--	48.41	--	--	--	--	--	--	--	--	--	--	--	--
Per-capita use, public supplied (gallons/day)	--	--	80.65	--	--	--	--	--	--	--	--	--	--	--	--
Consumptive use, fresh	--	.04	.13	.00	.00	.00	.00	0.00	0.63	0.00	5.16	--	--	--	--
Consumptive use, saline	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	--	--	--	--
Consumptive use, total	--	.04	.13	.00	.00	.00	.00	.00	.63	.00	5.16	--	--	--	--
Conveyance loss	--	--	--	--	--	--	--	--	--	--	.19	--	--	--	--
Power generation (gigawatt hours)	--	--	--	--	.00	.00	.00	--	--	--	--	0.68	0.00	--	--
Reservoir surface area (thousand acres)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00
Reservoir evaporation (thousand acre-feet)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.00
Acres irrigated sprinkler (thousands)	--	--	--	--	--	--	--	--	--	--	6.14	--	--	--	--
Acres irrigated, microirrigation (thousands)	--	--	--	--	--	--	--	--	--	--	.00	--	--	--	--
Acres irrigated, surface (thousands)	--	--	--	--	--	--	--	--	--	--	2.12	--	--	--	--
Acres irrigated, total (thousands)	--	--	--	--	--	--	--	--	--	--	8.26	--	--	--	--
Facilities (number)	4	--	--	0	0	0	0	--	--	--	--	1	0	--	--
Wastewater returns, public	--	--	--	--	--	--	--	--	--	--	--	--	--	0.98	--
Wastewater facilities, public (number)	--	--	--	--	--	--	--	--	--	--	--	--	--	4	--
Wastewater facilities, other (number)	--	--	--	--	--	--	--	--	--	--	--	--	--	0	--
Reclaimed wastewater	.00	.00	--	.00	.00	.00	.00	.00	--	--	.00	--	--	.00	--

Table 61. Selected water-quality data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska

[SDGS, South Dakota Geological Survey; dd, decimal degrees; milligrams per liter; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; lab, laboratory; <, less than; --, no data]

Description	Sample number				
	SWM-95-061	SWM-95-150	SWM-96-046	SWM-95-062	SWM-95-151
SDGS well name	R20-94-28	R20-94-28	R20-94-28	R20-94-29	R20-94-29
Owner	SDGS	SDGS	SDGS	SDGS	SDGS
Latitude (dd)	43.0128	43.0128	43.0128	43.0128	43.0128
Longitude (dd)	101.2921	101.2921	101.2921	101.2921	101.2921
Aquifer	Sandhills	Sandhills	Sandhills	Sandhills	Sandhills
Ground surface elevation (feet)	3,228	3,228	3,228	3,228	3,228
Well depth (feet from casing top)	41.9	41.9	41.9	23.8	23.8
Casing top elevation (feet)	3,230.18	3,230.18	3,230.18	3,230.24	3,230.24
Depth to water (feet from casing top)	12.25	11.40	11.72	11.20	10.70
Ground-water elevation (feet)	3,217.93	3,218.78	3,218.46	3,219.04	32,19.54
Casing type	PVC, SCH.40	PVC, SCH.40	PVC, SCH.40	PVC, SCH.40	PVC, SCH.40
Collection date	05/17/1995	08/08/1995	05/06/1996	05/17/1995	08/08/1995
Lab specific conductance (µS/cm at 25 deg C)	147	142	131	504	360
Lab pH (standard units)	6.71	6.66	6.86	7.74	7.73
Hardness (mg/L as $CaCO_3$)	47	44	44	150	92
Hydrogen carbonate (mg/L)	78	74	70.2	140	151
Carbonate (mg/L)	--	--	0		--
Lab alkalinity (mg/L as $CaCO_3$)	64	61	57.5	115	124
Calcium (mg/L)	15	14	13.5	51	32
Magnesium (mg/L)	2.3	2.1	2.4	4.9	2.9
Sodium (mg/L)	9.8	9.7	10.5	49	43
Potassium (mg/L)	5.2	5.6	5.7	3.5	3.8
Sulfate (mg/L)	5.3	5.8	<10.0	127	55
Chloride (mg/L)	0.7	0.6	0.8	1.7	0.8
Fluoride (mg/L)	0.15	0.14	0.18	0.17	0.26
Lab total dissolved solids (mg/L as $CaCO_3$)	115	112	113	329	226
Ammonia-nitrogen (mg/L)	<0.05	<0.05	<0.02	<0.05	<0.05
Nitrate-nitrogen + nitrite-nitrogen (mg/L)	0.80	0.66	0.9	3.25	1.09
Total phosphorus (mg/L)	--	--	--	--	--
Antimony (µg/L)	<0.01	--	--	<0.01	--
Arsenic (µg/L)	<0.01	--	--	<0.01	--
Barium (µg/L)	0.09	--	--	0.32	--
Beryllium (µg/L)	<0.002	--	--	<0.002	--

Table 61. Selected water-quality data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[SDGS, South Dakota Geological Survey; dd, decimal degrees; milligrams per liter; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; lab, laboratory; <, less than; --, no data]

	Sample number				
	SWM-95-061	**SWM-95-150**	**SWM-96-046**	**SWM-95-062**	**SWM-95-151**
Boron (µg/L)	--	--	--	--	--
Cadmium (µg/L)	<0.001	--	--	<0.001	--
Chromium (µg/L)	<0.01	--	--	<0.01	--
Copper (µg/L)	<0.01	--	--	<0.01	--
Iron (mg/L)	<0.05	<0.05	<0.06	<0.05	<0.05
Lead (µg/L)	0.001	--	--	0.002	--
Manganese (mg/L)	<0.05	<0.05	0.03	<0.05	<0.05
Mercury (µg/L)	<0.001	--	--	<0.001	--
Nickel (µg/L)	<0.05	--	--	<0.05	--
Selenium (µg/L)	<0.01	--	--	<0.01	--
Silver (µg/L)	--	--	--	--	--
Thallium (µg/L)	<0.001	--	--	<0.001	--
Zinc (µg/L)	--	--	--	--	--
Cyanide (mg/L)	<0.01	--	--	<0.01	--

	Sample number				
	SWM-96-047	**GMA-95-001**	**GMA-95-002**	**SWM-95-049**	**SWM-95-152**
SDGS well name	R20-94-29	--	--	R20-94-30	R20-94-30
Owner	SDGS	--	--	SDGS	SDGS
Latitude (dd)	43.0128	43.1146	43.1146	43.1018	43.1018
Longitude (dd)	101.2921	101.0022	101.0022	101.2122	101.2122
Aquifer	Sandhills	--	--	Ogallala	Ogallala
Ground surface elevation (feet)	3,228	2,860	2,680	2,962	2,962.00
Well depth (feet from casing top)	23.8	--	--	43.3	43.3
Casing top elevation (feet)	3,230.24	--	--	2,964.11	2,964.11
Depth to water (feet from casing top)	11.28	--	--	27.14	26.20
Ground-water elevation (feet)	3,218.96	--	--	2,936.97	2,937.91
Casing type	PVC, SCH.40	--	--	PVC, SCH.40	PVC, SCH.40
Collection date	05/06/1996	01/18/1995	01/18/1995	05/08/1995	08/08/1995
Lab specific conductance (µS/cm at 25 deg C)	303	--	--	528	516
Lab pH (standard units)	7.80	--	--	7.47	7.53
Hardness (mg/L as $CaCO_3$)	122	--	--	150	150
Hydrogen carbonate (mg/L)	189	--	--	284	275
Carbonate (mg/L)	0	--	--	--	--
Lab alkalinity (mg/L as $CaCO_3$)	155	--	--	233	226
Calcium (mg/L)	41.7	--	--	47	45

Table 61. Selected water-quality data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[SDGS, South Dakota Geological Survey; dd, decimal degrees; milligrams per liter; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40: lab, laboratory; <, less than; --, no data]

	Sample number				
	SWM-96-047	GMA-95-001	GMA-95-002	SWM-95-049	SWM-95-152
Magnesium (mg/L)	4.4	--	--	8.8	8.3
Sodium (mg/L)	27.0	--	--	35	35
Potassium (mg/L)	3.4	--	--	36	38
Sulfate (mg/L)	18.1	--	--	24	28
Chloride (mg/L)	1.2	--	--	3.1	2.9
Fluoride (mg/L)	0.19	--	--	0.92	0.92
Lab total dissolved solids (mg/L as $CaCO_3$)	206	--	--	354	348
Ammonia-nitrogen (mg/L)	<0.02	--	--	<0.05	<0.05
Nitrate-nitrogen + nitrite-nitrogen (mg/L)	0.4	--	--	2.38	2.81
Total phosphorus (mg/L)	--	--	--	--	
Antimony (µg/L)	--	--	--	<0.005	--
Arsenic (µg/L)	--	3	3.0	0.02	--
Barium (µg/L)	--	--	--	0.33	--
Beryllium (µg/L)	--	--	--	<0.002	--
Boron (µg/L)	--	--	--	--	--
Cadmium (µg/L)	--	--	--	<0.001	--
Chromium (µg/L)	--	--	--	<0.01	--
Copper (µg/L)	--	--	--	<0.01	--
Iron (mg/L)	<0.06	--	--	<0.05	<0.05
Lead (µg/L)	--	--	--	<0.001	--
Manganese (mg/L)	<0.02	--	--	0.14	0.14
Mercury (µg/L)	--	--	--	<0.001	--
Nickel (µg/L)	--	--	--	<0.05	--
Selenium (µg/L)	--	--	--	<0.01	--
Silver (µg/L)	--	--	--	--	--
Thallium (µg/L)	--	--	--	<0.001	--
Zinc (µg/L)	--	--	--	--	--
Cyanide (mg/L)	--	--	--	<0.01	--

Table 61. Selected water-quality data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[SDGS, South Dakota Geological Survey; dd, decimal degrees; milligrams per liter; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; lab, laboratory; <, less than; --, no data]

	Sample number			
	SWM-96-048	**SWM-95-050**	**SWM-95-153**	**SWM-96-049**
SDGS well name	R20-94-30	R20-94-31	R20-94-31	R20-94-31
Owner	SDGS	SDGS	SDGS	SDGS
Latitude (dd)	43.1018	43.1018	43.1018	43.1018
Longitude (dd)	101.2122	101.2122	101.2122	101.2122
Aquifer	Ogallala	Ogallala	Ogallala	Ogallala
Ground surface elevation (feet)	2,962	2,962	2,962.00	2,962
Well depth (feet from casing top)	43.3	33.1	33.1	33.1
Casing top elevation (feet)	2,964.11	2,964.11	2,964.11	2,964.11
Depth to water (feet from casing top)	25.96	27.72	26.75	26.53
Ground-water elevation (feet)	2,938.15	2,936.39	2,937.36	2,937.58
Casing type	PVC, SCH.40	PVC, SCH.40	PVC, SCH.40	PVC, SCH.40
Collection date	05/06/1996	05/08/1995	08/08/1995	05/06/1996
Lab specific conductance (µS/cm at 25 deg C)	505	337	300	253
Lab pH (standard units)	7.77	7.25	7.31	7.61
Hardness (mg/L as $CaCO_3$)	150	98	88	85
Hydrogen carbonate (mg/L)	284	158	140	154
Carbonate (mg/L)	0	--	--	0
Lab alkalinity (mg/L as $CaCO_3$)	233	130	115	126
Calcium (mg/L)	45.4	28	25	23.5
Magnesium (mg/L)	8.8	6.8	6.1	6.3
Sodium (mg/L)	37.2	14	11	17.5
Potassium (mg/L)	35.0	30	30	28.1
Sulfate (mg/L)	12.2	20	19	12.2
Chloride (mg/L)	4.3	2.5	2.3	2.4
Fluoride (mg/L)	0.86	0.59	0.48	0.77
Lab total dissolved solids (mg/L as $CaCO_3$)	353	235	215	224
Ammonia-nitrogen (mg/L)	<0.02	<0.05	<0.05	<0.02
Nitrate-nitrogen + nitrite-nitrogen (mg/L)	2.5	2.76	2.34	2.0
Total phosphorus (mg/L)	--	--	--	--
Antimony (µg/L)	--	<0.005	--	--
Arsenic (µg/L)	--	<0.01	--	--
Barium (µg/L)	--	0.14	--	--
Beryllium (µg/L)	--	<0.002	--	--
Boron (µg/L)	--	--	--	--

Table 61. Selected water-quality data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[SDGS, South Dakota Geological Survey; dd, decimal degrees; milligrams per liter; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; lab, laboratory; <, less than; --, no data]

	Sample number			
	SWM-96-048	**SWM-95-050**	**SWM-95-153**	**SWM-96-049**
Cadmium (µg/L)	--	<0.001	--	--
Chromium (µg/L)	--	<0.01	--	--
Copper (µg/L)	--	<0.01	--	--
Iron (mg/L)	<0.06	<0.05	<0.05	<0.06
Lead (µg/L)	--	<0.001	--	--
Manganese (mg/L)	0.10	<0.05	<0.05	<0.02
Mercury (µg/L)	--	<0.001	--	--
Nickel (µg/L)	--	<0.05	--	--
Selenium (µg/L)	--	<0.01	--	--
Silver (µg/L)	--	--	--	--
Thallium (µg/L)	--	<0.001	--	--
Zinc (µg/L)	--	--	--	--
Cyanide (mg/L)	--	<0.01		--

Table 62. Selected radionuclide data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska

[SDGS, South Dakota Geological Survey; dd, decimal degrees; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; pCi/L, picocuries per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; <, less than; --, no data]

Description	Sample number			
	SWM-95-061	SWM-95-062	SWM-95-049	SWM-95-050
SDGS well name	R20-94-28	R20-94-29	R20-94-30	R20-94-31
Owner	SDGS	SDGS	SDGS	SDGS
Latitude (dd)	43.0128	43.0128	43.1018	43.1018
Longitude (dd)	101.2921	101.2921	101.2122	101.2122
Aquifer	Sand Hills	Sand Hills	Ogallala	Ogallala
Ground surface elevation (feet)	3,228	3,228	2,962	2,962
Well depth (feet from casing top)	41.9	23.8	43.3	33.1
Casing top elevation (feet)	3,230.18	3,230.24	2,964.11	2,964.11
Depth to water (feet from casing top)	12.25	11.20	27.14	27.72
Ground-water elevation (feet)	3,217.93	3,219.04	2,936.97	2,936.39
Casing type	PVC, SCH. 40	PVC, SCH. 40	PVC, SCH. 40	PVC, SCH. 40
Collection date	05/17/1995	05/17/1995	05/08/1995	05/08/1995
Field parameters				
Specific conductance, µS/cm at 25 deg C (unfiltered)	125	375	425	250
Specific conductance, µS/cm at 25 deg C (filtered)	125	375	425	250
pH (unfiltered, standard units)	6.40	7.42	7.45	7.30
pH (filtered, standard units)	6.57	7.61	7.50	7.28
Temperature, deg C (unfiltered)	11.0	9.5	11.5	11.5
Alkalinity mg/L as $CaCO_3$ (filtered)	66	117	228	124
Radionuclide information				
Analyzing laboratory	University of Iowa Hygienic Laboratory	University of Iowa Hygienic Laboratory	University of Iowa Hygienic Laboratory	University of Iowa Hygienic Laboratory
Gross alpha (pCi/L)	<0.6 +/- 0.4	3.7 +/- 0.9	1.9 +/- 0.7	<0.8
Radium 226 (pCi/L)	--	<0.5	--	--
Radium 228 (pCi/L)	--	<0.7	--	--
Radium 226+228 (pCi/L)	--	<1.2	--	--

Table 63. Selected pesticide data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska

[SDGS, South Dakota Geological Survey; dd, decimal degrees; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; <, less than; --, no data]

Description	Sample number			
	SWM-95-061	SWM-96-046	SWM-95-062	SWM-96-047
SDGS well name	R20-94-28	R20-94-28	R20-94-29	R20-94-29
Owner	SDGS	SDGS	SDGS	SDGS
Latitude (dd)	43.0128	43.0128	43.0128	43.0128
Longitude (dd)	101.2921	101.2921	101.2921	101.2921
Aquifer	Sandhills	Sandhills	Sandhills	Sandhills
Ground surface elevation (feet)	3,228	3,228	3,228	3,228
Well depth (feet from casing top)	41.9	41.9	23.8	23.8
Casing top elevation (feet)	3,230.18	3,230.18	3,230.24	3,230.24
Depth to water (feet from casing top)	12.25	11.72	11.20	11.28
Ground-water elevation (feet)	3,217.93	3,218.46	3,219.04	3,218.96
Casing type	PVC, SCH. 40	PVC,SCH.40	PVC,SCH.40	PVC,SCH.40
Collection date	05/17/1995	05/06/1996	05/17/1995	05/06/1996
Field parameters				
Specific conductance, µS/cm at 25 deg C (unfiltered)	125	125	375	275
Specific conductance, µS/cm at 25 deg C (filtered)	125	125	375	275
pH (unfiltered, standard units)	6.40	6.72	7.42	7.56
pH (filtered, standard units)	6.57	6.74	7.61	7.74
Temperature, deg C (unfiltered)	11.0	11	9.5	9.5
Alkalinity mg/L as $CaCO_3$ (filtered)	66	60	117	160
Pesticide results				
Acetochlor (µg/L)	<0.1	<0.5	<0.1	<0.5
Alachlor (µg/L)	<0.1	<0.5	<0.1	<0.5
Atrazine (µg/L)	<0.1	<0.5	<0.1	<0.5
Deethyl atrazine (µg/L)	<0.1	<0.5	<0.1	<0.5
Deisopropyl atrazine (µg/L)	<0.1	<0.25	<0.1	<0.25
Bromoxynil (µg/L)	--	<2.0		<2.0
Chlorpyrifos (µg/L)	<0.1	<0.5	<0.1	<0.5
Cyanazine (µg/L)	<0.1	<0.5	<0.1	<0.5
2,4-D (µg/L)	<0.2	<2.0	<0.2	<2.0
Dicamba (µg/L)	<0.2	<2.0	<0.2	<2.0
EPTC (µg/L)	--	<0.5	--	<0.5
MCPA (µg/L)	<200	<0.5	<200	<0.5
Metolachlor (µg/L)	<0.1	<0.5	<0.1	<0.5

Table 63. Selected pesticide data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[SDGS, South Dakota Geological Survey; dd, decimal degrees; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; <, less than; --, no data]

	Sample number			
	SWM-95-061	**SWM-96-046**	**SWM-95-062**	**SWM-96-047**
Pesticide results—Continued				
Metribuzin (µg/L)	--	<0.500	--	<0.500
Parathion (µg/L)	<0.1	<0.500	<0.1	<0.500
Picloram (µg/L)	<0.2	<2.00	<0.2	<2.00
Simazine (µg/L)	<0.1	<0.500	<0.1	<0.500
Trifluralin (µg/L)	--	<0.500	--	<0.500

	Sample number			
	SWM-95-049	**SWM-96-048**	**SWM-95-050**	**SWM-96-049**
SDGS well name	R20-94-30	R20-94-30	R20-94-31	R20-94-31
Owner	SDGS	SDGS	SDGS	SDGS
Latitude (dd)	43.1018	43.1018	43.1018	43.1018
Longitude (dd)	101.2122	101.2122	101.2122	101.2122
Aquifer	Ogallala	Ogallala	Ogallala	Ogallala
Ground surface elevation (feet)	2,962	2,962	2,962	2,962
Well depth (feet from casing top)	43.3	43.3	33.1	33.1
Casing top elevation (feet)	2,964.11	2,964.11	2,964.11	2,964.11
Depth to water (feet from casing top)	27.14	25.96	27.72	26.53
Ground-water elevation (feet)	2,936.97	2,938.15	2,936.39	2,937.58
Casing type	PVC,SCH.40	PVC,SCH.40	PVC,SCH.40	PVC,SCH.40
Collection date	05/08/1995	05/06/1996	05/08/1995	05/06/1996
Field parameters				
Specific conductance, uS/cm at 25 deg C (unfiltered)	425	450	250	225
Specific conductance, uS/cm at 25 deg C (filtered)	425	450	250	225
pH (unfiltered, standard units)	7.45	7.59	7.30	7.36
pH (filtered, standard units)	7.50	7.65	7.28	7.42
Temperature, deg C (unfiltered)	11.5	11.5	11.5	11.0
Alkalinity mg/L as CaCO3 (filtered)	228	236	124	124
Pesticide results				
Acetochlor (µg/L)	<0.1	<0.5	<0.1	<0.5
Alachlor (µg/L)	<0.1	<0.5	<0.1	<0.5
Atrazine (µg/L)	<0.1	<0.5	<0.1	<0.5
Deethyl atrazine (µg/L)	<0.1	<0.5	<0.1	<0.5

Table 63. Selected pesticide data (from the South Dakota Geological Survey) for ground-water sites in the Little White River Basin, South Dakota and Nebraska—Continued

[SDGS, South Dakota Geological Survey; dd, decimal degrees; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; µg/L, micrograms per liter; deg C, degrees Celsius; $CaCO_3$, calcium carbonate; PVC, SCH 40, poly vinyl chloride, schedule 40; <, less than; --, no data]

	Sample number			
	SWM-95-049	SWM-96-048	SWM-95-050	SWM-96-049
	Pesticide results—Continued			
Deisopropyl atrazine (µg/L)	<0.1	<0.25	<0.1	<0.25
Bromoxynil (µg/L)	--	<2.0	--	<2.0
Chlorpyrifos (µg/L)	<0.1	<0.5	<0.1	<0.5
Cyanazine (µg/L)	<0.1	<0.5	<0.1	<0.5
2,4-D (µg/L)	<0.2	<2.0	<0.2	<2.0
Dicamba (µg/L)	<0.2	<2.0	<0.2	<2.0
EPTC (µg/L)	--	<0.5	--	<0.5
MCPA (µg/L)	<200	<0.5	<200	<0.5
Metolachlor (µg/L)	<0.1	<0.5	<0.1	<0.5
Metribuzin (µg/L)	--	<0.5	--	<0.5
Parathion (µg/L)	<0.1	<0.5	<0.1	<0.5
Picloram (µg/L)	<0.2	<2.0	<0.2	<2.0
Simazine (µg/L)	<0.1	<0.5	<0.1	<0.5
Trifluralin (µg/L)	--	<0.5	--	<0.5

Table 64. Summary of annual ground-water-level data (from the Rosebud Sioux Tribe), in feet below land surface, for ground-water sites in the Little White River Basin, South Dakota and Nebraska

Well ID	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Well 3	59.88	58.66	57.56	57.08	56.81	57.04	57.65	58.70	58.69	58.97	58.20	57.79	56.35
Well 4	6.55	5.32	5.75	4.99	5.17	5.85	5.81	6.60	6.14	5.91	5.22	5.44	4.34
Well 5	22.26	22.76	22.63	22.41	22.80	23.34	23.67	23.90	24.15	24.48	23.38	23.49	22.28
Well 6	31.77	31.32	31.52	30.90	30.81	30.93	31.22	31.90	31.92	32.06	31.55	31.33	30.51
Well 7	19.55	19.20	19.47	19.67	19.78	20.01	21.80	20.90	21.43	21.45	21.31	21.20	26.07
Well 8	50.12	49.92	48.96	48.64	52.90	48.36	54.81	49.25	49.24	49.58	49.52	49.48	47.91
Well 9	46.32	45.66	44.58	44.55	40.62	44.06	44.54	44.90	33.71	27.19	30.56	34.17	33.41
Well 10	9.89	10.57	10.80	9.79	10.09	10.02	10.68	10.75	10.91	10.43	9.54	9.05	8.68
Well 11	82.41	82.38	80.72	83.00	90.32	86.23	86.58	84.50	90.42	84.94	81.30	85.04	91.41
Well 12	47.32	45.81	45.82	45.69	45.59	46.56	47.93	48.00	50.81	48.39	48.55	49.31	48.84
Well 13	104.72	104.75	106.32	105.31	106.64	106.10	107.62	107.80	110.02	107.54	107.94	108.35	109.68
Well 15	13.48	12.36	13.49	12.50	13.07	13.67	14.89	15.80	14.37	14.27	13.49	13.32	12.11
Well 16	60.83	60.53	59.57	59.48	59.06	59.27	59.37	60.15	60.70	60.67	60.87	60.43	60.39
Well 17	6.44	6.67	7.66	6.06	6.69	7.32	7.42	6.12	7.07	6.11	5.95	5.57	4.91
Well 18	150.56	150.53	149.71	148.53	147.66	147.21	146.74	147.11	146.68	147.49	147.38	147.39	147.48
Well 19	28.81	28.78	29.92	29.11	28.24	27.85	29.38	29.64	29.19	29.79	29.90	29.77	28.03
Well 20	16.61	17.32	17.77	17.97	18.90	19.33	20.67	21.23	21.44	21.65	20.84	20.05	18.59
Well 21	20.32	20.79	20.88	20.13	20.33	20.06	21.72	22.31	22.51	22.78	21.79	21.62	19.91
Well 22	31.45	32.21	32.66	31.97	31.99	31.32	32.52	33.66	33.67	34.17	33.17	33.05	29.95
Well 23	29.21	29.51	30.32	29.08	28.94	28.09	28.67	30.01	30.84	31.13	30.51	30.65	27.12
Well 25	23.69	24.89	24.76	21.84	24.57	25.51	26.12	26.88	26.99	25.78	25.40	24.57	22.28
Well 27	123.21	122.84	123.62	122.41	122.02	121.87	121.64	121.85	121.92	121.11	121.53	117.99	111.39

Table 65. Summary of selected water-quality data (from the Rosebud Sioux Tribe) for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; µS/cm, microsiemens per centimeter; mg/L, milligrams per liter; deg C, degrees Celsius; NTU, nephelometric turbidity unit]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Specific conductance (µS/cm at 25 deg C)	564.7	381.5	702.3	306.3	598.8	0	4,590	92
pH (standard units)	7.66	7.61	0.78	7.4	8	0	13	232
Turbidity (NTU)	0.8	0.2	2.3	0	0.4	0	19	90
Dissolved oxygen (mg/L)	7.0	6.9	3.1	5.9	8.2	0	15.5	20
Hardness (mg/L)	202.0	132.5	274.1	88.5	190	0	1,800	140
Total solids (mg/L)	603.9	250	978.5	195	405	144	3,754	26
Dissolved solids (mg/L)	473.0	282	723.3	229.9	418.5	0	5,200	98
Suspended solids (mg/L)	306.4	192	383.9	0	528	0	1,152	15

Table 66. Water-quality data (from the Rosebud Sioux Tribe) for selected herbicides for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[mg/L, milligrams per liter; mi, miles; T, township; R, range; sec, section; <, less than; #, number; --, no data]

Name	Description	Date	2,4-D (mg/L)	Dalapon (mg/L)	Dicamba (mg/L)	Dinoseb (mg/L)	Picloram (mg/L)	Silvex 2,4,5-TP (mg/L)
RST Well #13	T37N, R29W, sec 31, NW1/4 SW1/4 SW1/4	6/25/86	<1.0	--	--	--	--	<0.1
RST Well #16	T37N, R28W, sec 34, NE1/4 SE1/4 NW1/4	6/25/86	<1.0	--	--	--	--	<.1
Bill Dunham	T41N, R33W, sec 25, SW1/4	4/15/87	0	--	--	--	--	0
Blanch Leader Charge	T41N, R29W, sec 11, SW1/4	4/15/87	0	--	--	--	--	0
Clifford Broken Leg	T39N, R31W, sec 8, NW1/4	4/15/87	0	--	--	--	--	0
Control Building	T38N, R30W, sec 31, SW1/4	4/15/87	0	--	--	--	--	0
Iver Crow Eagle	T37N, R30W, sec 19, SE1/4	4/15/87	0	--	--	--	--	0
Loncor Ranch	T36N, R26W, sec 7, SW1/4	4/15/87	0	--	--	--	--	0
Mission Rural Water System	(untreated)	4/15/87	0	--	--	--	--	0
Richard Heinert	Mission, S. Dak.	4/15/87	0	--	--	--	--	0
Richard Tate	T38N, R26W, sec 30, SE1/4	4/15/87	0	--	--	--	--	0
Ted Guerue	T36N, R32W, sec 3, SW1/4	4/15/87	0	--	--	--	--	0
Calvin Valandra	T37N, R29W, sec 5, SE1/4	3/28/88	0	0	--	--	0	0
Dave Danielski	T37N, R29W, sec 28, SW1/4 NE1/4	3/28/88	0	0	--	--	0	0
J.R. Reagle	T36N., R28W, sec 4, NE1/4	3/28/88	0	0	--	--	0	0
Jean Lurz	Lakeview	3/28/88	0	0	--	--	0	0
Lloyd Walking Eagle, Sr.	T36N, R31W, sec 30, SW1/4	3/28/88	0	0	--	--	0	0
Stanford Pavelka	T37N, R30W, sec 35, SE1/4 SE1/4	3/28/88	0	0	--	--	0	0
Cleve Medicine Bird	Upper Swift Bear Housing	4/29/88	0	--	--	--	--	0
Glen Ladely	T37N, R29W, sec 34, NE1/4	4/29/88	0	--	--	--	--	0
He Dog School	T38N, R32W, sec 1, NW1/4 NW1/4	4/29/88	0	--	--	--	--	0
Jan Rogers	T38N, R31W, sec 23, NE1/4	4/29/88	0	--	--	--	--	0
Leo Chasing In Timber	T37N, R30W, sec 8, SE1/4	4/29/88	0	--	--	--	--	0
Littleburg School	T36N, R27W, sec 36, SW1/4 SW1/4	4/29/88	0	--	--	--	--	0
Lloyd Walking Eagle, Sr.	T36N., R31W, sec 30, SW1/4	4/29/88	0	--	--	--	--	0
Pierre La Pointe	T95N, R69W, sec 4, SW1/4	4/29/88	0	--	--	--	--	0
Virgil Luedke	T38N, R28W, sec 4, NW1/4	4/29/88	0	--	--	--	--	0
Wayne Cornish	T36N, R29W, sec 2, NE1/4	4/29/88	0	--	--	--	--	0
William Bettelyoun	Corn Creek Housing	4/29/88	0	--	--	--	--	0

Table 66. Water-quality data (from the Rosebud Sioux Tribe) for selected herbicides for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[mg/L, milligrams per liter; mi, miles; T, township; R, range; sec, section; <, less than; #, number; --, no data]

Name	Description	Date	2,4-D (mg/L)	Dalapon (mg/L)	Dicamba (mg/L)	Dinoseb (mg/L)	Picloram (mg/L)	Silvex 2,4,5-TP (mg/L)
Glen Ladely	T37N, R29W, sec 34, NE1/4	8/17/88	0	0	--	--	0	0
Joe Lurz	T37N, R29N, sec 32	8/17/88	0	0	--	--	0	0
Marvin Reagle (abandoned farm)	T37N, R.29N, sec 25	8/18/88	0	0	--	--	0	0
Monitor well #20	T35N, R28W, sec 11	8/18/88	0	0	--	--	0	0
State Monitor Well TD 76D	T37N, R29N, sec 33	8/18/88	0	0	--	--	0	0
Milks Camp-Hwy 18 Intersection	St. Charles/Gregory County	11/17/88	0	0	0	0	0	0
St. Francis High School	T37N, R30W, sec 32, NW1/4	11/18/88	0	0	0	0	0	0
Todd County JR/SR High School	T38N, R28W, sec 5, NE1/4	11/18/88	0	0	0	0	0	0
Harley Swanson	T39N, R28W, sec 3, SW1/4 SW1/4	12/1/88	0	0	0	0	0	0
Tony Yellow Robe	T39N, R29W, sec 15, SE1/4 SE1/4	12/5/88	0	0	0	0	0	0
Eldon Red Fish	T38N, R30W, sec 18, SE1/4	1/19/89	0	0	0	0	0	0
Melvin And Ryan Brandis	T39N, R28W, sec 33, SW1/4	1/19/89	0	0	0	0	0	0
Jerry Vanderwey	T36N., R29W, sec 17, NE1/4	1/20/89	0	0	0	0	0	0
Sylvia Larson	T44N, R31W, sec 16, SW1/4 SW1/4	1/20/89	0	0	0	0	0	0
Harold Knox	T38N, R30W, sec 12, SE1/4	1/24/89	0	0	0	0	0	0
Pete Haukaas	T39N, R26W, sec 6, SE1/4	1/24/89	0	0	0	0	0	0
Dean Oniell	T37N, R33W, sec 23, NE1/4	2/10/89	0	0	0	0	0	0
Jill Olson	Mission, S. Dak.	6/13/89	0	0	0	0	0	0
Tom Fredericks	T39N R25W, sec 20, NE1/4	6/13/89	0	0	0	0	0	0
George Cady	T35N, R29W, sec 11, NE1/4	6/15/89	0	0	0	0	0	0
George Sedlmajor	T37N, R29W, sec 12, NE1/4 SE1/4	6/15/89	0	0	0	0	0	0
Melvin Haase	T36N, R25W, sec 8, SW1/4	6/15/89	0	0	0	0	0	0
Sam Zibell	T37N, R25W, sec 23, NE1/4 NE1/4	6/15/89	0	0	0	0	0	0
Emmaline Eagle Bear	T41N, R32W, sec 31, NE1/4	6/27/89	0	0	0	0	0	0
Victoria Beauvais	Mission, S. Dak.	8/8/89	0	0	0	0	0	0
Herman Delaney	T40N, R29W, sec 10, NE1/4	10/20/89	0	0	0	0	0	0
Alex J. Lunderman, Sr.	T39N, R30W, sec 14, SE1/4	11/16/89	0	0	0	0	0	0
Black Pipe Community	T40N, R33W, sec 2 and 3	11/21/93	0	0	0	0	0	0

Table 67. Summary of water-quality data (from the Rosebud Sioux Tribe) for selected metals for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; mg/L, milligrams per liter; µg/L, micrograms per liter; --, not applicable]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Calcium (mg/L)	186.3	40.2	565.8	23.2	62.2	0	2,812	44
Magnesium (mg/L)	22.6	6.3	49.4	2.4	10.9	0	239	35
Sodium (mg/L)	73.0	35	122.8	7.9	78.3	0	920	112
Potassium (mg/L)	11.1	8.8	9.6	6	10.2	0	48	34
Aluminum (µg/L)	0	0	0	0	0	0	0	5
Antimony (mg/L)	0	0	0	0	0	0	0	13
Arsenic (mg/L)	2.5	0.006	6.8	0.001	0.1	0	47.9	143
Barium (mg/L)	16.5	0	84.4	0	0.1	0	530	115
Beryllium (mg/L)	0.02	0	0.02	0	0.05	0	0.05	23
Boron (mg/L)	0	0	0	0	0	0	0	5
Cadmium (mg/L)	0.7	0.001	6.6	0	0.004	0	75.5	133
Chromium (mg/L)	2.0	0	16.2	0	0.002	0	185	131
Cobalt (mg/L)	0	0	0	0	0	0	0	5
Copper (mg/L)	0.08	0.02	0.22	0.01	0.05	0	2.03	224
Gold (mg/L)	0	0	0	0	0	0	0	5
Iron (mg/L)	20.7	0.1	151.3	0.02	0.1	0	1,360	120
Lead (µg/L)	2.3	0.1	14.3	0.001	0.8	0	200	251
Lithium (mg/L)	0	0	0	0	0	0	0	5
Manganese (mg/L)	0.6	0.02	3.8	0.001	0.1	0	35	120
Manganese chart	--	--	--	--	--	0.05	0.05	8
Mercury (mg/L)	0.1	0	0.3	0	0.0002	0	3.6	133
Molybdenum (mg/L)	0	0	0	0	0	0	0	5
Nickel (mg/L)	0.5	0	1.5	0	0.005	0	6.7	124
Selenium (mg/L)	0.2	0	1.3	0	0.005	0	10.7	112
Silicon (mg/L)	0	0	0	0	0	0	0	5
Silver (µg/L)	0.06	0	0.21	0	0.001	0	1	107
Thallium (mg/L)	--	--	--	--	--	0	0	1
Strontium (mg/L)	0	0	0	0	0	0	0	13
Vanadium (mg/L)	0	0	0	0	0	0	0	5
Zinc (mg/L)	6.3	0.1	16.8	0.02	0.1	0	58	115

Table 68. Summary of water-quality data (from the Rosebud Sioux Tribe) for selected nonmetallic and inorganic parameters for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[Q1, first quartile; Q3, third quartile; Alkalinity-M, alkalinity-methylorange; Alkalinity-P; alkalinity-phenophthalein; mg/L, milligrams per liter]

Constituent or property	Mean	Median	Standard deviation	Q1	Q3	Minimum	Maximum	Number of valid samples
Alkalinity-M (mg/L)	194.2	172	98.8	144.5	215.3	0	600	122
Alkalinity-P (mg/L)	0	0	0	0	0	0	0	12
Bicarbonate (mg/L)	251.6	216	130.2	194.3	262.5	0	732	32
Carbonate (mg/L)	0	0	0	0	0	0	0	6
Sulfate (mg/L)	128.8	10	435.7	0.1	32.1	0	2,696	133
Chloride (mg/L)	14.8	4	31.3	0	18	0	250	129
Fluoride (mg/L)	2.2	0.29	11.8	0	0.8	0	102	101
Silica (mg/L)	11.92	10	15.31	0.95	10	0.35	80	38
Nitrogen, ammonia (mg/L)	0.6	1	0.5	0.02	1	0	1	63
Nitrogen, nitrite (mg/L)	0.2	0	1.1	0	0.01	0	8.3	60
Nitrogen, nitrate (mg/L)	2.0	0.4	7.4	0.1	1.1	0	100	254
Phosphate (mg/L)	1.2	0.1	7.6	0.05	0.4	0	71.9	93
Total cyanide (mg/L)	0.002	0	0.004	0	0.003	0	0.01	6
Free cyanide (mg/L)	0	0	0	0	0	0	0	5

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
Eagle Feather Dam	--	T39N, R31W, sec 30	1/24/84	--	<10	--
He Dog Dam	--	T38N, R32W, sec 1 and 2	1/24/84	--	<10	--
Heifer Dam	--	T38N, R29W, sec 18	1/24/84	--	<10	--
Little White River	--	T38N, R30W, sec 18	1/24/84	--	30	--
Little White River	--	T39N, R30W, sec 28	1/24/84	--	<10	--
Omaha Creek	--	T37N, R31W, sec 11, SE1/4	1/24/84	--	110	--
Rosebud Dam	--	T38N, R30W, sec 34, NE1/4	1/24/84	--	<10	--
Swift Bear Dam	--	T38N, R30W, sec 12	1/24/84	--	<10	--
Well #27	--	T37N, R30W, sec 8	1/24/84	--	--	690
Well #3	--	T36N, R31W, sec 34	1/24/84	--	--	140
Well #8	--	T36N, R30W, sec 36	1/24/84	--	--	710
Antelope Dam	--	T38N, R28W, sec 2 and 3	1/25/84	--	<10	--
Keya Paha	--	Gaging station	1/25/84	--	10	--
Keya Paha	--	Tripp County	1/25/84	--	20	--
Mission Dam	--	T38N, R28W, sec 6, NE1/4	1/25/84	--	<10	--
Well #11	--	T36N, R29W, sec 14	1/25/84	--	--	6
Well #14	--	T37N, R29W, sec 12	1/25/84	--	--	--
Well #15	--	T37N, R28W, sec 34	1/25/84	--	--	10
Well #19	--	T36N, R28W, sec 33	1/25/84	--	--	2
Well #23	--	T36N, R27W, sec 1	1/25/84	--	--	4
Well #25	--	T38N, R25W, sec 30	1/25/84	--	--	2
White Lake	--	T35N, R29W, sec 2	1/25/84	--	<10	--
Eagle Feather Dam	--	T39N, R31W, sec 30	5/16/84	--	--	<10
He Dog Dam	--	T38N, R32W, sec 1 and 2	5/16/84	--	--	30

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
Heifer Dam	--	T38N, R29W, sec 18	5/16/84	--	--	60
Little White River	--	T38N, R30W, sec 18	5/16/84	--	--	50
Little White River	--	T39N, R30W, sec 28	5/16/84	--	--	90
Omaha Creek	--	T37N, R31W, sec 11	5/16/84	--	--	70
Rosebud Dam	--	T38N, R30W, sec 34	5/16/84	--	<10	--
Spring Creek	--	T36N, R32W, sec 24	5/16/84	--	--	<10
Swift Bear Dam	--	T38N, R30W, sec 12	5/16/84	--	--	<10
Well #14	--	T37N, R29W, sec 12	5/16/84	--	--	<2
Well #26	--	T37N, R29W, sec 8	5/16/84	--	--	2
Well #3	--	T36N, R31W, sec 34	5/16/84	--	--	<2
Well #8	--	T36N, R30W, sec 36	5/16/84	--	--	2
White Lake	--	T35N, R29W, sec 2	5/16/84	--	--	60
Antelope Creek	--	--	5/17/84	--	1,300	--
Antelope Dam	--	T38N, R28W, sec 2 and 3	5/17/84	--	<10	--
Keya Paha	--	Gaging station	5/17/84	--	1,900	--
Keya Paha	--	Tripp County	5/17/84	--	1,200	--
Mission Dam	--	T38N, R28W, sec 6, NE1/4	5/17/84	--	<10	--
Well #11	--	T36N, R29W, sec 14	5/17/84	--	<2	--
Well #15	--	T37N, R28W, sec 34	5/17/84	--	<2	--
Well #19	--	T36N, R28W, sec 33	5/17/84	--	<2	--
Well #23	--	T36N, R27W, sec 1	5/17/84	--	2	--
Well #25	--	T38N, R25W, sec 30	5/17/84	--	<2	--
Well #27	--	T37N, R30W, sec 8	5/17/84	--	<2	--
Eagle Feather Dam	--	T39N, R31W, sec 30	8/27/84	--	20	--

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
He Dog Dam	--	T38N, R32W, sec 1 and 2	8/27/84	--	10	--
Heifer Dam	--	T38N, R29W, sec 18	8/27/84	--	<10	
Little White River	--	T38N, R30W, sec 18	8/27/84	--	70	
Little White River	--	T39N, R30W, sec 28	8/27/84	--	140	--
Omaha Creek	--	T37N, R31W, sec 11	8/27/84	--	200	--
Rosebud Dam	--	T38N, R30W, sec 34	8/27/84	--	<10	--
Spring Creek	--	T36N, R32W, sec 24	8/27/84	--	<10	--
Swift Bear Dam	--	T38N, R30W, sec 12	8/27/84	--	20	--
Well 26	--	T37N, R29W, sec 8	3/26/85	--	--	<1
Well 4	--	T35N, R31W, sec 17	3/26/85	--	--	2
Well 8	--	T36N, R30W, sec 36	3/26/85	--	--	--
Antelope Creek	--	--	3/27/85	--	6	--
Antelope Dam	--	T38N, R28W, sec 2 and 3	3/27/85	--	8	--
Eagle Feather Dam	--	T39N, R31W, sec 30	3/27/85	--	<2	--
He Dog Dam	--	T38N, R32W, sec 1 and 2	3/27/85	--	<2	--
Heifer Dam	--	T38N, R29W, sec 18	3/27/85	--	<2	--
Keya Paha	--	Gaging station	3/27/85	--	6	--
Keya Paha	--	Tripp County	3/27/85	--	2	--
Little White River	--	T38N, R30W, sec 18	3/27/85	--	2	--
Little White River	--	T39N, R30W, sec 28	3/27/85	--	2	--
Mission Dam	--	T38N, R28W, sec 6, NE1/4	3/27/85	--	<2	--
Omaha Creek	--	T37N, R31W, sec 11	3/27/85	--	4	--
Rosebud Dam	--	T38N, R30W, sec 34	3/27/85	--	4	--
Spring Creek	--	T36N, R32W, sec 24	3/27/85	--	20	--

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
Creek East of College	--	T39N, R28W, sec 33, SE1/4	4/15/85	--	<10	--
Indian Scout	--	T39N, R30W, sec 26, SE1/4	4/15/85	--	<10	--
White Lake	--	T35N, R29W, sec 2	4/15/85	--	<10	--
Antelope Creek	--	--	4/23/85	--	90	--
Antelope Creek	--	--	4/23/85	--	80	--
Antelope Creek	--	--	4/23/85	--	100	--
Creek North of Parmelee	--	T39N, R31W	4/23/85	--	28,0000	--
Creek West of Parmelee	--	T39N, R31W	4/23/85	--	21,0000	--
North of Knife House	--	--	4/23/85	--	40,0000	--
Well 4	--	T35N, R31W, sec 17	6/18/85	--	--	<2.2
Well 8	--	T36N, R30W, sec 36	6/18/85	--	<2.2	--
Antelope Creek	--	--	8/20/85	--	150	--
Antelope Creek	--	--	8/20/85	--	50	--
Eagle Feather Dam	--	T39N, R31W, sec 30	8/20/85	--	40	--
He Dog Dam	--	T38N, R32W, sec 1 and 2	8/20/85	--	110	--
Heifer Dam	--	T38N, R29W, sec 18	8/20/85	--	20	--
Keya Paha	--	Gaging station	8/20/85	--	38,000	--
Keya Paha	--	Tripp County	8/20/85	--	29,500	--
Little White River	--	T38N, R30W, sec 18	8/20/85	--	450	--
Little White River	--	T39N, R30W, sec 28	8/20/85	--	1,000	--
Mission Dam	--	T38N, R28W, sec 6, NE1/4	8/20/85	--	40	--
Omaha Creek	--	T37N, R31W, sec 11	8/20/85	--	120	--
Rosebud Dam	--	T38N, R30W, sec 34	8/20/85	--	1,500	--
Spring Creek	--	T36N, R32W, sec 24	8/20/85	--	30	--

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
Swift Bear	--	T38N, R30W, sec 12	8/20/85	--	<10	--
White Lake	--	T35N, R29W, sec 2	8/20/85	--	610	--
Well 11	--	T36N, R29W, sec 14	9/10/85	--	--	<2.2
Well 14	--	T37N, R29W, sec 12 SE1/4 SW1/4 SW1/4	9/10/85	--	--	<2.2
Well 26	--	T37N, R29W, sec 8	9/10/85	--	--	<2.2
Well 4	--	T35N, R31W, sec 17	9/10/85	--	--	<2.2
Well 8	--	T36N, R30W, sec 36	9/10/85	--	<2.2	--
Well 16	--	T37N, R28W, sec 34	9/11/85	--	--	2.2
Well 19	--	T36N, R28W, sec 33	9/11/85	--	--	<2.2
Well 23	--	T36N, R27W, sec 1	9/11/85	--	--	<2.2
Bettelyouns	--	Corn Creek Housing	10/7/85	--	<1	--
Black Bear	--	Corn Creek Housing	10/7/85	--	<1	--
Eagle Feather Lake	--	T39N, R31W, sec 30	4/16/86	--	<10	--
Little White River	--	Western Todd County	4/16/86	--	<10	--
Mission Dam	--	T38N, R28W, sec 6, NE1/4	4/16/86	--	<10	--
Omaha Creek	--	T37N, R31W, sec 11	4/16/86	--	10	---
Black Pipe	--	T40N, R33W	1/1/87	--	--	<2.2
He Dog	--	T38N, R32W, sec 1 and 2	1/1/87	--	--	<2.2
Horse Creek	--	T41N, R29W, sec 11	1/1/87	--	--	<2.2
Mission Water System	--	Mission	1/1/87	--	--	<2.2
Okreek (TCRW)	--	T39N, R26W, sec 15, NW1/4	1/1/87	--	--	<2.2
Paul Valandra	--	T39N, R30W, sec 16, SW1/4	1/1/87	--	--	<2.2
Rosebud (Old System)	--	Rosebud town (below)	1/1/87	--	--	<2.2
RRWS	--	Rosebud town (above)	1/1/87	--	--	<2.2

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
Spring Creek Community	--	T36N, R32W, sec 12	1/1/87	--	--	<2.2
St. Francis Community	--	T37N, R30W, sec 29 and 32	1/1/87	--	--	<2.2
Sylvia Larson	--	T44N, R31W, sec 16, SW1/4	1/1/87	--	--	>6
Two Strike Community	--	T37N, R30W, sec 8, SE1/4	1/1/87	--	--	<2.2
Upper Cut Meat	--	T38N, R32W, sec 21 and 28	1/1/87	--	--	<2.2
Antelope Dam	--	T38N, R28W, sec 2 and 3	7/7/87	--	2	--
Beads Dam	--	T37N, R31W, sec 8	7/7/87	--	<2	--
Eagle Feather Dam	--	T39N, R31W, sec 30	7/7/87	--	4	--
He Dog Dam	--	T38N, R32W, sec 1 and 2	7/7/87	--	<2	--
Hidden Timber Dam	--	T38N, R26W, sec 29	7/7/87	--	22	--
Keya Paha River	--	Eastern Todd County	7/7/87	--	1,900	--
Little White River	--	Western Todd County	7/7/87	--	140	--
Mission Dam	--	T38N, R28W, sec 6, NE1/4	7/7/87	--	6	--
Spotted Tail Dam	--	T38N, R30W, sec 34	7/7/87	--	44	--
Spring Creek Dam	--	T36N, R32W, sec 24	7/7/87	--	8	--
Sylvia Larson	--	T44N, R31W, sec 16, SW1/4	7/7/87	--	18	--
Antelope-Mission Lagoon	--	T39N, R28W, sec 34	7/19/88	--	<2	--
Antelope-Mission Lagoon	--	T39N, R28W, sec 34	7/19/88	--	<2	--
Alex Lunderman	--	T39N, R30W, sec 14, SE1/4	3/12/90	--	--	16
Bruce Young	--	T38N, R31W, sec 4, NE1/4	3/12/90	--	--	<2.2
Monitor Well #28	--	T38N, R30W, sec 23, NW1/4 NW1/4 NE1/4	3/12/90	--	--	<10
Alex Lunderman	--	T39N, R30W, sec 14 SE1/4	5/29/90	--	--	<2.2
Little White River	--	Above dam, Mellette County	12/10/90	--	120	--
Little White River	--	Below dam, Mellette County	12/10/90	--	100	--

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
Little White River	--	Above dam, Mellette County	1/3/91	--	100	--
Little White River	--	In dam, Mellette County	1/3/91	--	800	--
Ghost Hawk Park Well	--	T38N, R30W, sec 17, SW1/4	8/7/91	0	0	0
Beads Dam	--	T37N, R31W, sec 8	9/10/91	.9	<10	>16
Chases the Woman Dam	--	T37N, R31W, sec 11, SE1/4	9/10/91	.28	10	>16
Eagle Feather Dam	--	T39N, R31W, sec 30	9/10/91	.94	10	>16
He Dog Dam	--	T38N, R32W, sec 1, NW1/4 NW1/4	9/10/91	.92	10	>16
Spring Creek Dam	--	T36N, R32W, sec 24	9/10/91	.82	<10	16
Keya Paha River	--	Zibell Bridge	9/26/91	.26	230	--
Little White River	--	Entering Todd County	9/26/91	1.09	500	--
Little White River	--	Exiting Todd County	9/26/91	.85	280	--
Antelope Dam	--	T38N, R28W, sec 2 and 3	9/30/91	--	10	--
Spotted Tail Dam	--	T38N, R30W, sec 34	9/30/91	--	10	--
Spring Creek	--	T36N, R32W, sec 24	--	--	--	--
Berry Dam	--	T38N, R29W, sec 18	1/14/92	<.10	<10	--
Ghost Hawk Dam	--	T38N, R30W, sec 20, NW1/4	1/14/92	.71	<10	--
Heifer Dam	--	T38N, R29W, sec 18	1/14/92	.25	<10	--
Hidden Timber Dam	--	T38N, R26W, sec 29	1/14/92	.79	20	--
Ring Thunder Dam	--	T39N, R29W, sec 18, SW1/4	1/14/92	1.94	<10	--
Antelope Dam	--	T38N, R28W, sec 2 and 3	1/22/92	.88	<2	4
Spotted Tail Dam	--	T38N, R30W, sec 34	1/22/92	.59	10	900
White Lake	--	T35N, R29W, sec 2	1/22/92	5.66	<10	8
Antelope Lagoon Mon. Well L-1	--	T39N, R28W, sec 34	4/27/92	--	10	--
Antelope Lagoon Mon. Well L-2	--	T39N, R28W, sec 34	4/27/92	--	10	--

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
Antelope Lagoon Mon. Well L-3	--	T39N, R28W, sec 34	4/27/92	--	10	--
Antelope Lagoon Mon. Well L-4	--	T39N, R28W, sec 34	4/27/92	--	10	--
Antelope Lagoon Mon. Well L-5	--	T39N, R28W, sec 34	4/27/92	--	10	--
Spotted Tail Dam	--	T38N, R30W, sec 34	5/12/92	0.46	170	260
Ghost Hawk Dam	--	T38N, R30W, sec 20	6/9/92	--	7	50
Spring Creek Dam	--	T36N, R32W, sec 24	6/9/92	--	7	17
Keya Paha River	--	Zibell Bridge	6/10/92	--	1,600	3,000
Keya Paha River	--	T37N, R26W, sec 2	6/10/92	--	3,000	9,000
Little White River	--	Exiting reservation	6/10/92	--	170	1,600
Little White River	--	Entering reservation	6/10/92	--	300	1,700
Chases The Woman Dam	--	T37N, R31W, sec 11, SE1/4	6/30/92	--	<2	8
Indian Scout Dam	--	T39N, R30W, sec 26	6/30/92	--	<2	13
Eagle Feather Dam	--	T39N, R31W, sec 30	7/7/92	--	2	8
Beads Dam	--	Surface water	7/8/92	--	170	300
Beads Dam	--	T37N, R31W, sec 8	12/29/92	.6	<2	30
Chase the Women Dam	--	T37N, R31W, sec 11, SE1/4	12/29/92	.57	<2	3
Eagle Feather Dam	--	T39N, R31W, sec 30	12/29/92	.57	<2	14
Indian Scout Dam	--	T39N, R30W, sec 26	12/29/92	.36	<2	130
Spring Creek Dam	--	T36N, R32W, sec 24	12/29/92	<.10	<2	<2
Spring Creek Dam	--	T36N, R32W, sec 24	12/29/92	.72	<2	4
Eagle Feather Dam	--	T39N, R31W, sec 30	6/1/94	--	<2	--
Rosebud Dam	--	T38N, R30W, sec 34	6/1/94	--	260	--
Bull Creek	--	T35N, R30W, sec 8	9/20/94	--	--	>1,600
Cut Meat Creek	--	Northwest Todd County	9/20/94	--	--	>1,600

Table 69. Water-quality data (from the Rosebud Sioux Tribe) for selected nutrients and bacteria for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[SPEC#, Rosebud Sioux Tribe identification number; TKN, Total Kjeldahl nitrogen; mg/L, milligrams per liter; mL, milliliters; #, number; mi, miles; T, township; R, range; sec, section; N, north; W, west, SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituent	Organic constituents	
				TKN (mg/L)	Fecal coliform (colonies per 100 mL)	Total coliform (colonies per 100 mL)
White Sheild Dam	--	T41N, R29W, sec 3, NE1/4	9/20/94	--	--	170
Rock Creek	--	T37N, R26W, sec 4, NW1/4	9/22/94	--	--	1,600
Keya Paha River	--	Eastern Todd County	9/28/94	--	--	900
Little White River	--	Western Todd County	9/28/94	--	--	1,600
Todd/Benett Bridge	--	T36N, R33W, sec 17	2/25/97	1.33	2	--
Valandra Bridge	--	T37N, R31W, sec 20	2/25/97	.97	7	--
Ghost Hawk Bridge	--	T38N, R30W, sec 18	2/26/97	.76	10	--
Ring Thunder Bridge	--	T39N, R30W, sec 16, NE1/4	2/26/97	1.17	10	--
Krogman's Bridge	--	T40N, R30W, sec 35, NE1/4	2/26/97	1.05	10	--
SGU Child Care Center	--	Mission	3/19/97	--	--	0
Krogman's Bridge	E97IN000740	T40N, R30W, sec 35, NE1/4	4/1/97	1.05	10	--
Ring Thunder Bridge	E97IN000739	T39N, R30W, sec 16, NE1/4	4/1/97	1.17	10	--
Todd/Benett Bridge	E97IN000699	T36N, R33W, sec 17	4/1/97	1.33	10	--
Ghost Hawk Bridge	E97IN000738	T38N, R30W, sec 18	4/1/97	.76	10	--
Valandra Bridge	E97IN000698	T37N, R31W, sec 20	4/1/97	.97	10	--
Oleta Mednansky	E97WB004145	T43N, R28W	4/9/97	--	0	1
Duane Mednansky	E97WB004152	T43N, R28W	4/9/97	--	--	0
Ted Larvie	E97WB004148	T42N, R29W, sec 24	4/9/97	--	--	0
Kathy Knife	E97WB004146	T42N, R29W, sec 24	4/9/97	--	--	0
Walter Hernandez	E97IN004390	T38N, R29W, sec 1, NE1/4	4/18/97	--	--	1
Rodney Mednansky	E97IN004389	Northwest Mellette County	4/18/97	--	--	1
Lagoon	E97IN001533	Mission/Antelope	4/15/97	--	10	--
Ethel Hanson	E97WB004922	T95N, R70W, sec 21, NW1/4	4/24/97	--	--	0
Carter Landfill	E97IN000832	Monitor well #1	4/14/97	.65	10	--
Carter Landfill	E97IN000831	Monitor well #3	4/14/97	.82	10	--

Table 70. Water-quality data (from the Rosebud Sioux Tribe) for selected miscellaneous compounds for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[Spec#, Rosebud Sioux Tribe identification number; BOD, biochemical oxygen demand; COD, chemical oxygen demand; mg/L, milligrams per liter; mi, miles; #, number; T, township; R, range; sec, section; N, north; W, west; SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituents		Organic constituents									
				BOD (mg/L)	COD (mg/L)	Aldrin (mg/L)	Atrazine (mg/L)	Dicloran (mg/L)	Dieldrin (mg/L)	Methoxy-chlor (mg/L)	Hexa-chloro-cyclopen tadiene (mg/L)	Hexa-chloro-penta-diene (mg/L)	Penta-chloro-nitro-benzene (mg/L)	Sima-zine (mg/L)	Tri-fluralin (mg/L)
RST Well #13	--	T37N, R29W, sec 31	6/25/86	--	--	--	--	--	--	<0.5	--	--	--	--	--
RST Well #16	--	T37N, R.28W, sec 34	6/25/86	--	--	--	--	--	--	<.5	--	--	--	--	--
Bill Dunham	--	T41N, R33W, sec 25	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Blanch Leader Charge	--	T41N, R29W, sec 11, SW1/4	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Clifford Broken Leg	--	T39N, R31W, sec 8, NW1/4	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Control Building	--	T38N, R30W, sec 31, SW1/4	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Iver Crow Eagle	--	T37N, R30W, sec 19, SE1/4	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Loncor Ranch	--	T36N, R26W, sec 7, SW1/4	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Mission Rural Water System	--	Mission	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Richard Heinert	--	Mission	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Richard Tate	--	T38N, R26W, sec 30	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Ted Guerue	--	T36N, R32W, sec 3, SW1/4	4/15/87	--	--	--	--	--	--	0	--	--	--	--	--
Calvin Valandra	--	T37N, R29W, sec 5, SE1/4	3/28/88	--	--	--	0	0	0	0	--	0	0	0	0
Dave Danielski	--	T37N, R29W, sec 28, NE1/4	3/28/88	--	--	--	0	0	0	0	--	0	0	0	0
J.R. Reagle	--	T36N, R28W, sec 4, NE1/4	3/28/88	--	--	--	0	0	0	0	--	0	0	0	0
Jean Lurz	--	Lakeview	3/28/88	--	--	--	0	0	0	0	--	0	0	0	0
Lloyd Walking Eagle, Sr.	--	T36N, R31W, sec 30, SW1/4	3/28/88	--	--	--	0	0	0	0	--	0	0	0	0
Stanford Pavelka	--	T37N, R30W, sec 35, SE1/4	3/28/88	--	--	--	0	0	0	0	--	0	0	0	0
Cleve Medicine Bird	--	Upper Swift Bear	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--

Table 70. Water-quality data (from the Rosebud Sioux Tribe) for selected miscellaneous compounds for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[Spec#, Rosebud Sioux Tribe identification number; BOD, biochemical oxygen demand; COD, chemical oxygen demand; mg/L, milligrams per liter; mi, miles; #, number; T, township; R, range; sec, section; N, north; W, west; SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituents		Organic constituents									
				BOD (mg/L)	COD (mg/L)	Aldrin (mg/L)	Atrazine (mg/L)	Dicloran (mg/L)	Dieldrin (mg/L)	Methoxy-chlor (mg/L)	Hexa-chloro-cyclopen tadiene (mg/L)	Hexa-chloro-penta-diene (mg/L)	Penta-chloro-nitro-benzene (mg/L)	Sima-zine (mg/L)	Tri-fluralin (mg/L)
Glen Ladely	--	T37N, R29W, sec 34, NE1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
He Dog School	--	T38N, R32W, sec 1, NW1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Jan Rogers	--	T38N, R31W, sec 23, NE1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Leo Chasing In Timber	--	T37N, R30W, sec 8, SE1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Littleburg School	--	T36N, R27W, sec 36, SW1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Lloyd Walking Eagle, Sr.	--	T36N, R31W, sec 30, SW1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Pierre La Pointe	--	T95N, R69W, sec 4, SW1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Virgil Luedke	--	T38N, R28W, sec 4, NW1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Wayne Cornish	--	T36N, R29W, sec 2, NE1/4	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
William Bettelyoun	--	Corn Creek Housing	4/29/88	--	--	--	--	--	--	0	--	--	--	--	--
Glen Ladely	--	T37N, R29W, sec 34, NE1/4	8/17/88	--	--	--	0	--	--	0	--	--	--	0	--
Joe Lurz	--	T37N, R29N, sec 32	8/17/88	--	--	--	0	--	--	0	--	--	--	0	--
Marvin Reagle (abandoned farm)	--	T37N, R29N, sec 25	8/18/88	--	--	--	0	--	--	0	--	--	--	0	--
Monitor Well #20	--	T35N, R28W, sec 11	8/18/88	--	--	--	0	--	--	0	--	--	--	0	--
State Monitor Well TD 76D	--	T37N, R29N, sec 33	8/18/88	--	--	--	0	--	--	0	--	--	--	0	--
Milks Camp-Hwy 18 intersection	--	St. Charles/Gregory County	11/17/88	--	--	0	0	0	0	0	0	0	0	0	0
St. Francis High School	--	T37N, R30W, sec 32	11/18/88	--	--	0	0	0	0	0	0	0	0	0	0
Todd County JR/SR High School	--	T38N, R28W, sec 5	11/18/88	--	--	0	0	0	0	0	0	0	0	0	0

Table 70. Water-quality data (from the Rosebud Sioux Tribe) for selected miscellaneous compounds for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[Spec#, Rosebud Sioux Tribe identification number; BOD, biochemical oxygen demand; COD, chemical oxygen demand; mg/L, milligrams per liter; mi, miles; #, number; T, township; R, range; sec, section; N, north; W, west; SE, southeast; <, less than; --, no data]

Name	Spec#	Description	Date	Inorganic constituents		Organic constituents									
				BOD (mg/L)	COD (mg/L)	Aldrin (mg/L)	Atrazine (mg/L)	Dicloran (mg/L)	Dieldrin (mg/L)	Methoxy-chlor (mg/L)	Hexa-chloro-cyclopen tadiene (mg/L)	Hexa-chloro-penta-diene (mg/L)	Penta-chloro-nitro-benzene (mg/L)	Sima-zine (mg/L)	Tri-fluralin (mg/L)
Harley Swanson	--	T39N, R28W, sec 3, SW1/4	12/1/88	--	--	0	0	0	0	0	0	0	0	0	0
Tony Yellow Robe	--	T39N, R29W, sec 15, SE1/4	12/5/88	--	--	0	0	0	0	0	0	0	0	0	0
Eldon Red Fish	--	T38N, R30W, sec 18	1/19/89	--	--	0	0	0	0	0	0	0	0	0	0
Melvin And Ryan Brandis	--	T39N, R28W, sec 33	1/19/89	--	--	0	0	0	0	0	0	0	0	0	0
Jerry Vanderwey	--	T36N, R29W, sec 17	1/20/89	--	--	0	0	0	0	0	0	0	0	0	0
Sylvia Larson	--	T44N, R31W, sec 16	1/20/89	--	--	0	0	0	0	0	0	0	0	0	0
Harold Knox	--	T38N, R30W, sec 12	1/24/89	--	--	0	0	0	0	0	0	0	0	0	0
Pete Haukaas	--	T39N, R26W, sec 6, SE1/4	1/24/89	--	--	0	0	0	0	0	0	0	0	0	0
Dean Oniell	--	T37N, R33W, sec 23	2/10/89	--	--	0	0	0	0	0	0	0	0	0	0
Jill Olson	--	Mission	6/13/89	--	--	0	0	0	0	0	0	0	0	0	0
Tom Fredericks	--	T39N, R25W, sec 20	6/13/89	--	--	0	0	0	0	0	0	0	0	0	0
George Cady	--	T35N, R29W, sec 11	6/15/89	--	--	0	0	0	0	0	0	0	0	0	0
George Sedlmajor	--	T37N, R29W, sec 12	6/15/89	--	--	0	0	0	0	0	0	0	0	0	0
Melvin Haase	--	T36N, R25W, sec 8	6/15/89	--	--	0	0	0	0	0	0	0	0	0	0
Sam Zibell	--	T37N, R25W, sec 23	6/15/89	--	--	0	0	0	0	0	0	0	0	0	0
Emmaline Eagle Bear	--	T41N, R32W, sec 31	6/27/89	--	--	0	0	0	0	0	0	0	0	0	0
Victoria Beauvais	--	Mission	8/8/89	--	--	0	0	0	0	0	0	0	0	0	0
Herman Delaney	--	T40N, R29W, sec 10	10/20/89	--	--	0	0	0	0	0	0	0	0	0	0
Alex J. Lunderman, Sr.	--	T39N, R30W, sec 14	11/16/89	--	--	0	0	0	0	0	0	0	0	0	0
Carter Landfill	E97IN000832	Monitor Well #1	4/14/97	--	33	--	--	--	--	--	--	--	--	--	--
Carter Landfill	E97IN000831	Monitor Well #3	4/14/97	--	27	--	--	--	--	--	--	--	--	--	--
Lagoon	E97IN001533	Mission/Antelope	4/15/97	29	----	--	--	--	--	--	--	--	--	--	--

Table 71. Water-quality data (from the Rosebud Sioux Tribe) for PCB's for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[mg/L, milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north; W, west; SE, southeast; #, number; --, no data]

Name	Description	Date	PCB's (mg/L)
Bill Dunham	T41N, R33W, sec 25, SW1/4	4/15/87	0
Blanch Leader Charge	T41N, R29W, sec 11, SW1/4	4/15/87	0
Clifford Broken Leg	T39N, R31W, sec 8, NW1/4	4/15/87	0
Control Building	T38N, R30W, sec 31, SW1/4	4/15/87	0
Iver Crow Eagle	T37N, R30W, sec 19, SE1/4	4/15/87	0
Loncor Ranch	T36N, R26W, sec 7, SW1/4	4/15/87	0
Mission Rural Water System	(Untreated)	4/15/87	0
Richard Heinert	Mission	4/15/87	0
Richard Tate	T38N, R26W, sec 30, SE1/4	4/15/87	0
Ted Guerue	T36N, R32W, sec 3, SW1/4	4/15/87	0
Calvin Valandra	T37N, R29W, sec 5, SE1/4	3/28/88	0
Dave Danielski	T37N, R29W, sec 28, SW1/4 NE1/4	3/28/88	0
J.R. Reagle	T36N, R28W, sec 4, NE1/4	3/28/88	0
Jean Lurz	Lakeview	3/28/88	0
Lloyd Walking Eagle, Sr.	T36N, R31W, sec 30, SW1/4	3/28/88	0
Stanford Pavelka	T37N, R30W, sec 35, SE1/4 SE1/4	3/28/88	0
Cleve Medicine Bird	Upper Swift Bear Housing	4/29/88	0
Glen Ladely	T37N, R29W, sec 34, NE1/4	4/29/88	0
He Dog School	T38N, R32W, sec 1, NW1/4, NW1/4	4/29/88	0
Jan Rogers	T38N, R31W, sec 23, NE1/4	4/29/88	0
Leo Chasing In Timber	T37N, R30W, sec 8, SE1/4	4/29/88	0
Littleburg School	T36N, R27W, sec 36, SW1/4 SW1/4	4/29/88	0
Lloyd Walking Eagle, Sr.	T36N, R31W, sec 30, SW1/4	4/29/88	0
Pierre La Pointe	T95N, R69W, sec 4, SW1/4	4/29/88	0
Virgil Luedke	T38N, R28W, sec 4, NW1/4	4/29/88	0
Wayne Cornish	T36N, R29W, sec 2, NE1/4	4/29/88	0
William Bettelyoun	Corn Creek Housing	4/29/88	0
Glen Ladely	T37N, R29W, sec 34, NE1/4	8/17/88	0
Joe Lurz	T37N, R29N, sec 32	8/17/88	0
Marvin Reagle (abandoned farm)	T37N, R29N, sec 25	8/18/88	0
Monitor Well #20	T35N, R28W, sec 11	8/18/88	0
State Monitor Well TD 76D	T37N, R29N, sec 33	8/18/88	0
Milks Camp-Hwy 18 intersection	St. Charles/Gregory County	11/17/88	0
St. Francis High School	T37N, R30W, sec 32, NW1/4	11/18/88	0
Todd County JR/SR High School	T38N, R28W, sec 5, NE1/4	11/18/88	0

Table 71. Water-quality data (from the Rosebud Sioux Tribe) for PCB's for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[mg/L, milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north; W, west; SE, southeast; #, number; --, no data]

Name	Description	Date	PCB's (mg/L)
Harley Swanson	T39N, R28W, sec 3, SW1/4 SW1/4	12/1/88	0
Tony Yellow Robe	T39N, R29W, sec 15, SE1/4 SE1/4	12/5/88	0
Eldon Red Fish	T38N, R30W, sec 18, SE1/4	1/19/89	0
Melvin And Ryan Brandis	T39N, R28W, sec 33, SW1/4	1/19/89	0
Jerry Vanderwey	T36N, R29W, sec 17, NE1/4	1/20/89	0
Sylvia Larson	T44N, R31W, sec 16, SW1/4 SW1/4	1/20/89	0
Harold Knox	T38N, R30W, sec 12, SE1/4	1/24/89	0
Pete Haukaas	T39N, R26W, sec 6, SE1/4	1/24/89	0
Dean Oniell	T37N, R33W, sec 23, NE1/4	2/10/89	0
Jill Olson	Mission	6/13/89	0
Tom Fredericks	T39N, R25W, sec 20, NE1/4	6/13/89	0
George Cady	T35N, R29W, sec 11, NE1/4	6/15/89	0
George Sedlmajor	T37N, R29W, sec 12, NE1/4 SE1/4	6/15/89	0
Melvin Haase	T36N, R25W, sec 8, SW1/4	6/15/89	0
Sam Zibell	T37N, R25W, sec 23, NE1/4 NE1/4	6/15/89	0
Emmaline Eagle Bear	T41N, R32W, sec 31, NE1/4	6/27/89	0
Victoria Beauvais	Mission	8/8/89	0
Herman Delaney	T40N, R29W, sec 10, NE1/4	10/20/89	0
Alex J. Lunderman, Sr.	T39N, R30W, sec 14, SE1/4	11/16/89	0

Table 72. Water-quality data (from the Rosebud Sioux Tribe) for selected pesticides for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[All units in milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north, W, west; SE, southeast; #, number; <, less than; --, no data]

Name	Description	Date	Alachlor	Hexa-chloro-benzene	Chlor-dane	Endrin	Hepta-chlor	Hepta-chlor epoxide	Lindane	Toxa-phene
RST Well #13	T37N, R29W, sec 31, NW1/4 SW1/4 SW1/4	6/25/86	--	--	--	<0.1	--	--	<0.02	<1.0
RST Well #16	T37N, R28W, sec 34, NE1/4 SE1/4 NW1/4	6/25/86	--	--	--	<.1	--	--	<.02	<1.0
Bill Dunham	T41N, R33W, sec 25, SW1/4	4/15/87	--	0	0	0	0	--	0	0
Blanch Leader Charge	T41N, R29W, sec 11, SW1/4	4/15/87	--	0	0	0	0	--	0	0
Clifford Broken Leg	T39N, R31W, sec 8, NW1/4	4/15/87	--	0	0	0	0	--	0	0
Control Building	T38N, R30W, sec 31, SW1/4	4/15/87	--	0	0	0	0	--	0	0
Iver Crow Eagle	T37N, R30W, sec 19, SE1/4	4/15/87	--	0	0	0	0	--	0	0
Loncor Ranch	T36N, R26W, sec 7, SW1/4	4/15/87	--	0	0	0	0	--	0	0
Mission Rural Water System	(untreated)	4/15/87	--	0	0	0	0	--	0	0
Richard Heinert	Mission	4/15/87	--	0	0	0	0	--	0	0
Richard Tate	T38N, R26W, sec 30, SE1/4	4/15/87	--	0	0	0	0	--	0	0
Ted Guerue	T36N, R32W, sec 3, SW1/4	4/15/87	--	0	0	0	0	--	0	0
Calvin Valandra	T37N, R29W, sec 5, SE1/4	3/28/88	--	0	0	0	0	--	0	0
Dave Danielski	T37N, R29W, sec 28, SW1/4 NE1/4	3/28/88	--	0	0	0	0	--	0	0
J.R. Reagle	T36N., R28W, sec 4, NE1/4	3/28/88	--	0	0	0	0	--	0	0
Jean Lurz	Lakeview	3/28/88	--	0	0	0	0	--	0	0
Lloyd Walking Eagle, Sr.	T36N, R31W, sec 30, SW1/4	3/28/88	--	0	0	0	0	--	0	0
Stanford Pavelka	T37N, R30W, sec 35, SE1/4 SE1/4	3/28/88	--	0	0	0	0	--	0	0
Cleve Medicine Bird	Upper Swift Bear Housing	4/29/88	--	0	0	0	0	--	0	0
Glen Ladely	T37N, R29W, sec 34, NE1/4	4/29/88	--	0	0	0	0	--	0	0
He Dog School	T38N, R32W, sec 1, NW1/4 NW1/4	4/29/88	--	0	0	0	0	--	0	0
Jan Rogers	T38N, R31W, sec 23, NE1/4	4/29/88	--	0	0	0	0	--	0	0

Table 72. Water-quality data (from the Rosebud Sioux Tribe) for selected pesticides for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[All units in milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north, W, west; SE, southeast; #, number; <, less than; --, no data]

Name	Description	Date	Alachlor	Hexa-chloro-benzene	Chlor-dane	Endrin	Hepta-chlor	Hepta-chlor epoxide	Lindane	Toxa-phene
Leo Chasing In Timber	T37N, R30W, sec 8, SE1/4	4/29/88	--	0	0	0	0	--	0	0
Littleburg School	T36N, R27W, sec 36, SW1/4 SW1/4	4/29/88	--	0	0	0	0	--	0	0
Lloyd Walking Eagle, Sr.	T36N., R31W, sec 30, SW1/4	4/29/88	--	0	0	0	0	--	0	0
Pierre La Pointe	T95N, R69W, sec 4, SW1/4	4/29/88	--	0	0	0	0	--	0	0
Virgil Luedke	T38N, R28W, sec 4, NW1/4	4/29/88	--	0	0	0	0	--	0	0
Wayne Cornish	T36N, R29W, sec 2, NE1/4	4/29/88	--	0	0	0	0	--	0	0
William Bettelyoun	Corn Creek Housing	4/29/88	--	0	0	0	0	--	0	0
Glen Ladely	T37N, R29W, sec 34, NE1/4	8/17/88	--	0	0	0	0	--	0	0
Joe Lurz	T37N, R29N, sec 32	8/17/88	--	0	0	0	0	--	0	0
Marvin Reagle (abandoned farm)	T37N, R.29N, sec 25	8/18/88	--	0	0	0	0	--	0	0
Monitor Well #20	T35N, R28W, sec 11	8/18/88	--	0	0	0	0	--	0	0
State Monitor Well TD 76D	T37N, R29N, sec 33	8/18/88	--	0	0	0	0	--	0	0
Milks Camp-Hwy 18 intersection	St. Charles/Gregory County	11/17/88	0	0	0	0	0	0	0	0
St. Francis High School	T37N, R30W, sec 32, NW1/4	11/18/88	0	0	0	0	0	0	0	0
Todd County JR/SR High School	T38N, R28W, sec 5, NE1/4	11/18/88	0	0	0	0	0	0	0	0
Harley Swanson	T39N, R28W, sec 3, SW1/4 SW1/4	12/1/88	0	0	0	0	0	0	0	0
Tony Yellow Robe	T39N, R29W, sec 15, SE1/4 SE1/4	12/5/88	0	0	0	0	0	0	0	0
Eldon Red Fish	T38N, R30W, sec 18, SE1/4	1/19/89	0	0	0	0	0	0	0	0
Melvin And Ryan Brandis	T39N, R28W, sec 33, SW1/4	1/19/89	0	0	0	0	0	0	0	0
Jerry Vanderwey	T36N., R29W, sec 17, NE1/4	1/20/89	0	0	0	0	0	0	0	0
Sylvia Larson	T44N, R31W, sec 16, SW1/4 SW1/4	1/20/89	0	0	0	0	0	0	0	0
Harold Knox	T38N, R30W, sec 12, SE1/4	1/24/89	0	0	0	0	0	0	0	0

Table 72. Water-quality data (from the Rosebud Sioux Tribe) for selected pesticides for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[All units in milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north, W, west; SE, southeast; #, number; <, less than; --, no data]

Name	Description	Date	Alachlor	Hexa-chloro-benzene	Chlor-dane	Endrin	Hepta-chlor	Hepta-chlor epoxide	Lindane	Toxa-phene
Pete Haukaas	T39N, R26W, sec 6, SE1/4	1/24/89	0	0	0	0	0	0	0	0
Dean Oniell	T37N, R33W, sec 23, NE1/4	2/10/89	0	0	0	0	0	0	0	0
Jill Olson	Mission	6/13/89	0	0	0	0	0	0	0	0
Tom Fredericks	T39N R25W, sec 20, NE1/4	6/13/89	0	0	0	0	0	0	0	0
George Cady	T35N, R29W, sec 11, NE1/4	6/15/89	0	0	0	0	0	0	0	0
George Sedlmajor	T37N, R29W, sec 12, NE1/4 SE1/4	6/15/89	0	0	0	0	0	0	0	0
Melvin Haase	T36N, R25W, sec 8, SW1/4	6/15/89	0	0	0	0	0	0	0	0
Sam Zibell	T37N, R25W, sec 23, NE1/4 NE1/4	6/15/89	0	0	0	0	0	0	0	0
Emmaline Eagle Bear	T41N, R32W, sec 31, NE1/4	6/27/89	0	0	0	0	0	0	0	0
Victoria Beauvais	Mission	8/8/89	0	0	0	0	0	0	0	0
Herman Delaney	T40N, R29W, sec 10, NE1/4	10/20/89	0	0	0	0	0	0	0	0
Alex J. Lunderman, Sr.	T39N, R30W, sec 14, SE1/4	11/16/89	0	0	0	0	0	0	0	0
R.R.W.S	T38N, R30W, sec 31, SW1/4	10/27/93	--	--	--	--	--	--	--	--
R.R.W.S	T38N, R30W, sec 31, SW1/4	11/5/93	0	0	0	0	0	0	0	0

Table 73. Water-quality data (from the Rosebud Sioux Tribe) for selected phenols for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[All units in milligrams per liter; --, no data]

Name	Description	Date	2-chloro-phenol	2,4-di-chloro-phenol	2,4-di-methyl-phenol	2,4-di-nitro-phenol	2-nitro-phenol	4-nitro-phenol	Penta-chloro-phenol	Phenol	2,4,6-tri-chloro-phenol	4-chloro-3-meth-ylphenol	2-methyl-4,6 di-nitro-phenol
Bill Dunham	T41N, R33W, sec 25, SW1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Blanch Leader Charge	T41N, R29W, sec 11, SW1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Clifford Broken Leg	T39N, R31W, sec 8, NW1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Control Building	T38N, R30W, sec 31, SW1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Iver Crow Eagle	T37N, R30W, sec 19, SE1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Loncor Ranch	T36N, R26W, sec 7, SW1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Mission Rural Water System	(untreated)	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Richard Heinert	Mission	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Richard Tate	T38N, R26W, sec 30, SE1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Ted Guerue	T36N, R32W, sec 3, SW1/4	4/15/87	0	0	0	0	0	0	0	0	0	0	0
Cleve Medicine Bird	Upper Swift Bear Housing	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Glen Ladely	T37N, R29W, sec 34, NE1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
He Dog School	T38N, R32W, sec 1, NW1/4 NW1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Jan Rogers	T38N, R31W, sec 23, NE1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Leo Chasing In Timber	T37N, R30W, sec 8, SE1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Littleburg School	T36N, R27W, sec 36, SW1/4 SW1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Lloyd Walking Eagle, Sr.	T36N., R31W, sec 30, SW1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Pierre La Pointe	T95N, R69W, sec 4, SW1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Virgil Luedke	T38N, R28W, sec 4, NW1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
Wayne Cornish	T36N, R29W, sec 2, NE1/4	4/29/88	0	0	0	--	--	0	0	0	--	0	--
William Bettelyoun	Corn Creek Housing	4/29/88	0	0	0	--	--	0	0	0	--	0	--

Table 74. Water-quality data (from the Rosebud Sioux Tribe) for selected radionuclides for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[RST, Rosebud Sioux Tribe; pCi/L; picocuries per liter; #, number; --, no data]

Name	Description	Date	Radon (pCi/L)	Gross alpha 15 (pCi/L)	Gross beta (pCi/L)	Radium 226 (pCi/L)
House Well	Stock well	5/21/85	--	2.7+2.0	--	--
Monitor Well #1	T38N, R31W, sec 30, SE1/4 NW1/4 SW1/4	5/21/85	--	1.9+1.6	--	--
Monitor Well #24	T37N, R25W, sec 1, SE1/4 NW1/4 NW1/4	5/21/85	--	2.3+1.4	--	--
Monitor Well #27	T37N, R30W, sec 9, NW1/4 SE1/4 SE1/4	5/21/85	--	3.9+2.6	--	--
Monitor Well #4	T35N, R31W, sec 17 SW1/4 SE1/4 SW1/4	5/21/85	--	0.9+1.3	--	--
Stock Well	--	5/21/85	--	1.6+1.4	--	--
Antelope Senior Citizen Center	T39N, R28W, sec 34	7/30/91	--	3.8+2.1	--	--
Milks Camp House #474	T95N, R69W, sec 4	7/30/91	--	6.5+2.6	--	0.2+0.2
Old Rosebud System	Lower Rosebud town	7/30/91	--	3.2+1.8	--	--
RRWS Control Building	T38N, R30W, sec 31	7/30/91	--	4.3+2.1	10.6+1.8	--
Two Strike House #232	R37N, R30W, sec 8	7/30/91	--	2.1+2.7	10.0+2.2	--
Grass Mountain House #364	T38N, R31W, sec 23	8/1/91	--	9.9+4.5	6.5+2.5	0.04+0.1
Spring Creek Duplex	T36N, R32W, sec 12	8/1/91	--	7.2+3.0	12.3+2.2	0.3+0.1
Upper Cut Meat House #141	T38N, R32W, sec 28	8/1/91	--	5.8+3.5	6.8+2.5	0.1+0.1
Black Pipe Community Well	T40N, R33W	8/2/91	--	10.4+4.4	8.0+2.7	0+0.1
Horse Creek Community	T41N, R29W, sec 11	8/2/91	--	1.8+3.3	12.0+2.8	--
RST/ Eagle Bear	T41N, R32W, sec 31, NE1/4	2/24/93	983.31	--	--	--
RST/ Furrey	T38N, R25W, sec 5, NE1/4	2/24/93	568.95	--	--	--
RST/ Heinert, Ann	T39N, R32W	2/24/93	764.64	--	--	--
RST/ Hunger	Mission, private well	2/24/93	1,163.57	--	--	--
RST/ Joseph	T40N, R27W, sec 35, NW1/4	2/24/93	226.12	--	--	--
RST/ Loncors	T36N, R26W, sec 7, SW1/4	2/24/93	937.12	--	--	--
RST/ Lunderman, Alex	T39N, R30W, sec 14	2/24/93	799.76	--	--	--
RST/ Lurz	T36N, R29W, sec 4	2/24/93	332.85	--	--	--
RST/ Valandra	T37N, R29W, sec 5, SE1/4	2/24/93	132.55	--	--	--
RST/ Walking Eagle	T36N, R31W, sec 30	2/24/93	572.02	--	--	--
RST/ Whipple	T39N, R32W, sec 30, SE1/4	2/24/93	352.45	--	--	--
RST/browning	T38N, R27W, sec 5, NE1/4	2/24/93	630.56	--	--	--
RST/ Boyles, John	T43 and 44N, R28W, sec 10	2/25/93	454.11	--	--	--
RST/ Fuerst, Roy	T42N, R31W, sec 33	2/25/93	180.96	--	--	--
RST/ Horsley, Ted	T42N, R27W, sec 9	2/25/93	509.76	--	--	--
RST/ Larvie, Ted	T42N, R29W, sec 24	2/25/93	227.72	--	--	--
RST/ Schoppeert, D.E.	T41N, R28W, sec 6	2/25/93	791.61	--	--	--
RST/ Sherwood, Howard	T42N, R27W, sec 1	2/25/93	551.25	--	--	--
RST/ Sayler, Arthur	T43N, R28W, sec 18	2/25/93	132.22	--	--	--
RST/ Waldron, Mike	T43, 44N., R28W, sec 24	2/25/93	912.87	--	--	--

Table 75. Water-quality data (from the Rosebud Sioux Tribe) for selected organic compounds for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska

[All units in milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north; W, west; SE, southeast; #, number; --, not applicable]

Name	Description	Date	Bromoform	Chloroform	Dibromo-chloro-methane	Bromodi-chloro-methane	Total THM's
Bill Dunham	T41N, R33W, sec 25, SW1/4	4/15/87	0	0	0	0	0
Blanch Leader Charge	T41N, R29W, sec 11, SW1/4	4/15/87	0	0	0	0	0
Clifford Broken Leg	T39N, R31W, sec 8, NW1/4	4/15/87	0	.001	0	0	.001
Control Building	T38N, R30W, sec 31, SW1/4	4/15/87	0	0	0	0	0
Iver Crow Eagle	T37N, R30W, sec 19, SE1/4	4/15/87	0	0	0	0	0
Loncor Ranch	T36N, R26W, sec 7, SW1/4	4/15/87	0	0	0	0	0
Mission Rural Water System	(untreated)	4/15/87	0	0	0	0	0
Richard Heinert	Mission	4/15/87	0	0	0	0	0
Richard Tate	T38N, R26W, sec 30, SE1/4	4/15/87	0	0	0	0	0
Ted Guerue	T36N, R32W, sec 3, SW1/4	4/15/87	0	0	0	0	0
Cleve Medicine Bird	Upper Swift Bear Housing	4/29/88	0	.006	0	0	.006
Glen Ladely	T37N, R29W, sec 34, NE1/4	4/29/88	0	0	0	0	0
He Dog School	T38N, R32W, sec 1, NW1/4 NW1/4	4/29/88	0	0	0	0	0
Jan Rogers	T38N, R31W, sec 23, NE1/4	4/29/88	0	0	0	0	0
Leo Chasing In Timber	T37N, R30W, sec 8, SE1/4	4/29/88	0	0	0	0	0
Littleburg School	T36N, R27W, sec 36, SW1/4 SW1/4	4/29/88	0	0	0	0	0
Lloyd Walking Eagle, Sr.	T36N., R31W, sec 30, SW1/4	4/29/88	0	0	0	0	0
Pierre La Pointe	T95N, R69W, sec 4, SW1/4	4/29/88	0	0	0	0	0
Virgil Luedke	T38N, R28W, sec 4, NW1/4	4/29/88	0	0	0	0	0
Wayne Cornish	T36N, R29W, sec 2, NE1/4	4/29/88	0	0	0	0	0
William Bettelyoun	Corn Creek Housing	4/29/88	0	0	0	0	0
Bill Moran	T42N, R29W, sec 2, SW1/4	8/16/88	0	0	0	0	0
Milks Camp-Hwy 18 intersection	St. Charles/Gregory County	11/17/88	0	0	0	0	0
St. Francis High School	T37N, R30W, sec 32, NW1/4	11/18/88	0	0	0	0	0
Todd County JR/SR High School	T38N, R28W, sec 5, NE1/4	11/18/88	0	0	0	0	0

Table 75. Water-quality data (from the Rosebud Sioux Tribe) for selected organic compounds for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[All units in milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north; W, west; SE, southeast; #, number; --, not applicable]

Name	Description	Date	Bromoform	Chloroform	Dibromo-chloro-methane	Bromodi-chloro-methane	Total THM's
Harley Swanson	T39N, R28W, sec 3, SW1/4 SW1/4	12/1/88	0	0	0	0	0
Tony Yellow Robe	T39N, R29W, sec 15, SE1/4 SE1/4	12/5/88	0	0	0	0	0
Eldon Red Fish	T38N, R30W, sec 18, SE1/4	1/19/89	0	0	0	0	0
Melvin And Ryan Brandis	T39N, R28W, sec 33, SW1/4	1/19/89	0	0	0	0	0
Jerry Vanderwey	T36N., R29W, sec 17, SE1/4	1/20/89	0	0	0	0	0
Sylvia Larson	T44N, R31W, sec 16, SW1/4 SW1/4	1/20/89	0	0	0	0	0
Harold Knox	T38N, R30W, sec 12, SE1/4	1/24/89	0	0	0	0	0
Pete Haukaas	T39N, R26W, sec 6, SE1/4	1/24/89	0	0	0	0	0
Dean Oniell	T37N, R33W, sec 23, NE1/4	2/10/89	0	0	0	0	0
Jill Olson	Mission	6/13/89	0	0	0	0	0
Tom Fredericks	T39N R25W, sec 20, NE1/4	6/13/89	0	0	0	0	0
George Cady	T35N, R29W, sec 11, NE1/4	6/15/89	0	0	0	0	0
George Sedlmajor	T37N, R29W, sec 12, NE1/4 SE1/4	6/15/89	0	0	0	0	0
Melvin Haase	T36N, R25W, sec 8, SW1/4	6/15/89	0	0	0	0	0
Sam Zibell	T37N, R25W, sec 23, NE1/4 NE1/4	6/15/89	0	0	0	0	0
Emmaline Eagle Bear	T41N, R32W, sec 31, NE1/4	6/27/89	0	0	0	0	0
Victoria Beauvais	Mission	8/8/89	0	0	0	0	0
Herman Delaney	T40N, R29W, sec 10, NE1/4	10/20/89	0	0	0	0	0
Alex J. Lunderman, Sr.	T39N, R30W, sec 14, SE1/4	11/16/89	0	0	0	0	0
Bruce Young	T38N, R31W, sec 4, NE1/4	1/21/90	0	0	0	0	0
Joe Marshall	White River	1/21/90	0	0	0	0	0
Glen Gary	T37N, R30W, sec 4, NW1/4	2/1/90	0	0	0	0	0
Charles Moe	T38N, R31W, sec 12, SE1/4	3/12/90	0	0	0	0	0
Paul Joseph	T40N, R27W, sec 35, NW1/4	3/13/90	0	0	0	0	0
Melvin Little Shield	Spring Creek Community	3/26/90	0	0	0	0	0

Table 75. Water-quality data (from the Rosebud Sioux Tribe) for selected organic compounds for sites (surface and/or ground water) in the Little White River Basin, South Dakota and Nebraska—Continued

[All units in milligrams per liter; mi, miles; T, township; R, range; sec, section; N, north; W, west; SE, southeast; #, number; --, not applicable]

Name	Description	Date	Bromoform	Chloroform	Dibromo-chloro-methane	Bromodi-chloro-methane	Total THM's
Jim Colombe	T39N, R30W, sec 10, NW1/4	9/4/90	0	0	0	0	0
Ray Baird	T37N, R28W, sec 3, SW1/4	9/4/90	0	0	0	0	0
Dave Halmi	T38N, R31W, sec 23, NE1/4	9/27/90	0	.01	0	0	.01
Kathy Turkey	T35N, R28W, sec 2, SW1/4	2/19/91	0	0	0	0	0
Parmelee	House #300	2/19/91	0	0	0	0	0
Elizabeth Garriott	T37N, R31W, sec 3, SE1/4	3/26/91	0	0	0	0	0
Antelope	Senior Citizen Center	5/14/91	0	0	0	0	0
R.R.W.S	T38N, R30W, sec 31, SW1/4	5/14/91	0	0	0	0	0
Upper Cut Meat	House #141	5/14/91	0	0	0	0	0
Grass Mountain #3	T38N, R31W, sec 24, SE1/4	6/10/91	0	0	0	0	0
Horse Creek	House #165	6/11/91	0	.032	0	.004	.036
Old Rosebud System	Lower Rosebud town	6/11/91	0	0	0	0	0
Spring Creek	Duplex 370	6/12/91	0	0	0	0	0
Two Strike	House #287	6/12/91	0	0	0	0	0
Milk's Camp	House #474	6/19/91	0	0	0	0	0
Roger Moran	T41N, R29W, sec 35, NE1/4	7/3/91	0	0	0	0	0
Ghost Hawk Park	T38N, R30W, sec 17	8/1/91	0	0	0	0	0
Black Pipe-Norris	Senior Citizen Center	--	0	0	0	0	0

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