Geohydrologic Data for Selected Springs in Eastern Nevada through 1982, with Emphasis on White Pine County

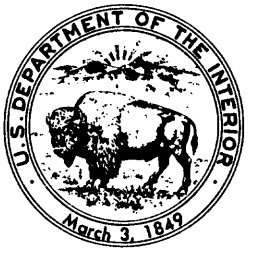
By Alex Pupacko, David B. Wood, and Rhea P. Williams

U.S. GEOLOGICAL SURVEY

Open-File Report 88-712

Prepared in cooperation with the

NEVADA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES,
DIVISION OF WATER RESOURCES



Carson City, Nevada
1989

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CONVERSION FACTORS AND ABBREVIATIONS

"Inch-pound" units of measure used in this report may be converted to International System (metric) units by using the following factors:

Multiply	*By*	*To obtain*
Feet (ft)	0.3048	Meters (m)
Gallons per minute (gal/min)	0.06309	Liters per second (L/s)
Inches (in.)	25.40	Millimeters (mm)
Miles (mi)	1.609	Kilometers (km)

For water temperature, degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) by using the formula °F = [(1.8)(°C)]+32.

SEA LEVEL

In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929), which is derived from a general adjustment of the first-order leveling networks of both the United States and Canada (formerly called "Sea Level Datum of 1929").

GEOHYDROLOGIC DATA FOR SELECTED SPRINGS IN EASTERN NEVADA THROUGH 1982, WITH EMPHASIS ON WHITE PINE COUNTY

By Alex Pupacko, David B. Wood, and Rhea P. Williams

ABSTRACT

Discharge and water-chemistry data for springs in eastern Nevada, with an emphasis on White Pine County, are compiled and tabulated. Discharge data for springs that may emanate from the deep carbonate rocks are included. The report contains: (1) miscellaneous discharge measurements for 131 selected springs in White Pine County and vicinity; (2) selected water-quality data for 557 sampled springs in White Pine County and vicinity; and (3) discharge data for 42 regional springs in the eastern Nevada carbonate-rock system.

INTRODUCTION

Carbonate rocks underlie most mountains and valleys of eastern and southern Nevada; the potential for development of the water resources of the carbonate-rock system seems to be substantial (Hess and Mifflin, 1978). White Pine County, in eastern Nevada (fig. 1), is centrally located in the Nevada carbonate-rock system. It is sparsely populated and has had few hydrologic investigations. The county is now being studied intensively by the U.S. Geological Survey to enhance the understanding of the effect of the regional carbonate terrane on the hydrology of the area. This study, made in cooperation with the Nevada Division of Water Resources, is part of the Eastern Nevada Hydrology Project, and includes data through 1982.

One objective of the Eastern Nevada Hydrology Project is to compile a comprehensive hydrologic data base for White Pine County and vicinity. This report is a compilation of data about springs in that area and is one in a series of reports being generated by this project. The data have been synthesized from the files of several agencies and combined in tabular format. The tables provide information about location, flow, and water chemistry. The report also identifies major springs in eastern Nevada that may be representative of the carbonate-terrane hydrology. This information will be used by the U.S. Geological Survey in its Regional Aquifer-System Analysis as well as the Nevada Carbonate-Aquifers Program. Many of the larger springs canvassed during this study are now being measured as part of the Nevada Carbonate-Aquifers Program (fig. 1).

The long-term interest and contributions to the success of this project by the staff of the White Pine Power Project are gratefully acknowledged. The authors thank staff of the U.S. Geological Survey in Idaho and Nevada: James R. Balderson, Gregg Berggren, and Thomas K. Edwards, for their help in compiling data for this report.

DESCRIPTION OF THE STUDY AREA

White Pine County, in east-central Nevada, is typical of Great Basin geography (figure 1). Topography of the area is characterized by north- to northeast-trending mountains separated by long, alluviated valleys. The mountain blocks range from 5 to 15 miles in width and as much as 100 miles in length. Altitudes range from about 5,800 feet above sea level in the lower valleys, to as much as 10,000 feet for many mountain peaks. The geologic structure of the area is complex, dominated by thick sequences of Precambrian and Paleozoic rock (Hose and others, 1976).

Local climate is generally dependent upon altitude. Precipitation generally increases with increasing altitude. The valleys are semiarid and the mountains are subhumid. Most of the winter precipitation is snow, and significant amounts (in excess of 20 inches of water equivalent) accumulate at the higher altitudes until snowmelt and runoff occur from April through June. Summer precipitation is usually from thunderstorms. Mean annual precipitation at the Ely Airport, located in the center of the study area at altitude 6,262 feet, is about 9 inches. The mean January and July temperatures at the airport are about 23 °F and 67 °F, respectively. Vegetation at the higher altitudes is predominantly pinyon juniper. The lower altitudes are dominated by sagebrush and greasewood.

U.S. GEOLOGICAL SURVEY SITE DESIGNATIONS

Springs in tables 1 and 3 are identified by both the standard U.S. Geological Survey system and the local (Nevada) system. Springs in table 2 are identified by the above two systems and also by other, unique systems, as cited in the "Source of Data" column.

Standard Identification

Sites are identified by the standard Geological Survey identification (ID), which is based on the grid system of latitude and longitude. The ID indicates the geographic location of each site, and provides a unique number for each. The ID consists of 15 digits: The first 6 denote the degrees, minutes, and seconds of latitude; the next 7 denote degrees, minutes, and seconds of longitude; and the last 2 digits (assigned sequentially) identify the sites within a 1-second grid. For example, site 383307115321001 is at 38°33'07" latitude and 115°32'10" longitude, and it is the first site recorded in that 1-second grid.

Local Identification

The local site-identification system used in this report is based on an index of hydrographic areas in Nevada (Rush, 1968) and the rectangular subdivision of the public lands referenced to the Mount Diablo base line and meridian. Each site designation consists of four units separated by spaces: The first unit is the hydrographic area number. The second unit is the township, preceded by an N or S to indicate location north or south of the base line. The third unit is the range, preceded by an E to indicate location east of the meridian. The fourth unit consists of the section number and letters designating the quarter section, quarter-quarter section, and so on (A, B, C, and D indicate the northeast, northwest, southwest, and southeast quarters, respectively), followed by a number indicating the sequence in which the well was recorded. For example, site 184 N12 E68 15CBCB1 is in Spring Valley (hydrographic area 184). It is the first site recorded in the NW 1/4 of the SW 1/4 of the NW 1/4 of the SW 1/4 of Section 15, Township 12 North, Range 68 East, Mount Diablo base line and meridian.

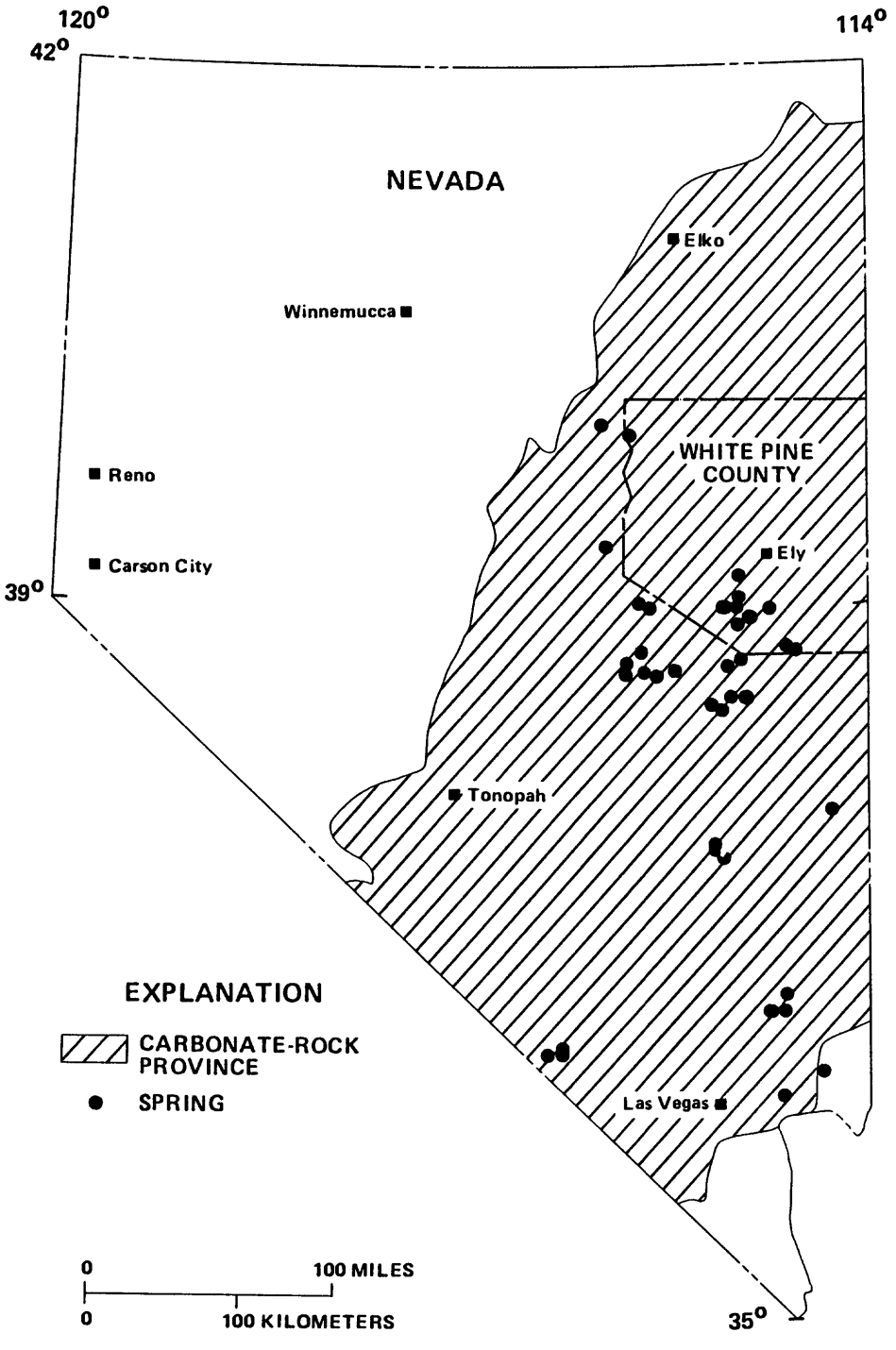

FIGURE 1.--Location of carbonate-rock province, White Pine County, and selected springs in the carbonate terrane.

HYDROLOGIC DATA

Table 1 presents miscellaneous spring-discharge measurements for 131 selected springs in White Pine County and vicinity. Table 2 presents 575 water-quality analyses from 557 sampled springs in the same area. Plates 1 and 2 show distribution of the springs listed in tables 1 and 2, respectively.

The data presented in these tables have been collected by personnel from the Desert Research Institute, Hazelton Nuclear Science Corporation, Lawrence Livermore laboratory, National Uranium Resource Evaluation Program, Nevada Bureau of Mines and Geology, Nevada Department of Conservation and Natural Resources, Office of the Utah State Engineer, U.S. Bureau of Land Management, and the U.S. Geological Survey.

Numerous springs in eastern Nevada may discharge water from the deep carbonate-rock aquifers (Hess and Mifflin, 1978). Many of these "regional" springs are now (1988) part of the data-collection network of the Nevada Carbonate-Aquifers Program. Location and flow data for these springs are listed in table 3. Figure 1 shows their distribution.

Specific sources of data are indicated in tables 1-3. The published sources are included in the section titled "References Cited." Table 2 contains water-quality data from several reports in a series prepared by the U.S. Geological Survey and published by the Nevada Department of Conservation and Natural Resources (Reconnaissance Series Reports 6, 8-11, 20, 23, 28-30, 35, 37-40, 42-49, and 51).

Spring discharge within the study area ranges from small seepage to almost 6,000 gallons per minute. Water quality of the springs within the study area is good. Specific conductances, which are directly related to dissolved-solids concentrations, are of interest because a high dissolved-solids concentration can indicate a long ground-water flow path. Water temperatures are of interest because elevated temperatures can indicate the existence of deep-circulating ground-water. Conversely, low temperatures and low conductances can indicate short, shallow flow paths associated with discharge of local snowmelt. The alkaline nature of water from springs, with pH values greater than 7.0, can reflect ground-water flow through carbonate rocks. The preceding statements indicating relations between temperatures, conductances, and pH to flow paths in the carbonate-rock aquifer are based on the work of Hess and Mifflin (1978).

DATA
TABULATIONS

page 7 follows

TABLE 1.--Discharge data for selected springs in and adjacent to White Pine County (spring locations are shown on plate 1)

[--, no data available]

U.S. Geological Survey site designations[1]		Spring name and (or) owner	County code[2]	Altitude (feet above sea level)	Geologic unit code[3]	Initial measurement date	Most recent measurement date	Measured flow (gallons per minute)[4]		Number of measurements made	Source of data[5]
Local identification	Standard identification							Maximum	Minimum		
173B N08 E57 14AC1	383307115321001	KATE	023	4,755	112ALVFO	01/14/35		14	—	1	G
173B N08 E55 15ACD	383314115461601	BIG	023	4,820	110VLFL	02/ /80		370	--	1	2
173B N08 E55 15AA1	383334115454201	LOCKES STOCKYARD	023	4,680	110VLFL	11/12/66		425	—	1	10
173B N08 E57 12BB1	383424115311501	TOM	023	4,760	110VLFL	Pre-1968		250	—	1	10
183 N09 E65 30D1	383528114432001	PATTERSON	017	7,200	370PLCN	08/07/63		10	—	1	G
207 N09 E61 13C1	383809115042601	W. IMMIGRANT	023	5,350	110VLFL	Pre-1968		200	—	1	10
180 N09 E64 16 01	383816114474701	CAVE VALLEY	017	6,500	110VLFL	Pre-1968	03/ /80	1,000	400	2	10,2
183 N09 E65 12D1	383923114375601	GESTER RANCH	017	6,000	112LKBD	08/06/63		1,400	—	1	10
195 N10 E70 33B1	384145114074701	BIG	033	5,580	100VLFL	11/03/64		3,600	—	1	G
173B N10 E58 09BCC1	384417115281201	UNKNOWN	023	5,250	112ALVFO	10/12/71		200	—	1	G
207 N10 E62 04AA1	384524115001801	SIX MILE	033	5,650	100VLFL	Pre-1968		175	—	1	10
173B N11 E58 32BBC1	384621115290301	PASTRONI	023	5,360	120VLCC	10/12/71		300	—	1	G
173B N11 E58 29 01	384721115213201	CURRENT	023	6,950	341SLTNM	02/01/61		1,800	—	1	G
184 N11 E67 12DB1	384944114235101	MINERVA	033	5,800	374HGPK	Pre-1968		300	—	1	10
179 N11 E65 08	384946114414501	WARM SULPHUR	033	7,900	310RBHL	Pre-1964		970	—	1	5
184 N11 E68 04C1	385026114205701	SWALLOW	033	6,400	374HGPK	06/01/80		4,200	—	1	G
184 N11 E67 01CD	385027114240701	SHOSHONE	033	5,800	370PLCN	10/29/56		300E	—	1	10
184 N11 E68 05CA1	385033114215601	UNKNOWN	033	6,080	110VLFL	06/ /80		360	—	1	2
207 N12 E62 29 01	385207115013501	LUND	033	5,600	100VLFL	Pre-1964		2,400	—	1	5
179 N12 E65 21B1	385314114412501	HORSE CORRAL	033	8,000	120SDMR	10/01/65		30	—	1	G
173B N12 E59 18CD1	385345115225901	CURRENT	023	7,700	120VLCC	Pre-1968		150	—	1	10
184 N12 E68 15CBCB1	385403114202501	MT.WHEELER MINE	033	7,960	370LMSN	Pre-1968		36	—	1	10
195 N12 E70 15CD1	385434114063901	SPRING CREEK	033	6,120	110VLFL	Pre-1968	Pre-1968	1,700	710	2	10
173B N12 E56 05CBD1	385539115424101	UNKNOWN	023	5,460	110CLDD	10/05/71		50	—	1	G
207 N13 E63 08B1	390013114563501	WATER CANYON	033	7,640	324ELY	Pre-1968		325	—	1	10
195 N13 E69 10DD1	390025114112001	ROWLAND	033	6,300	110VLFL	Pre-1968		1,900	—	1	10
179 N13 E65 10BAB	390039114395001	ROSEBUD	033	7,560	110VLFL	06/ /80		16	—	1	2
179 N14 E63 35A1	390210114515601	WILLOW CREEK	033	7,500	100VLFL	10/01/65	10/28/66	685	620	2	G
173B N14 E56 25BDC1	390245115373301	BULL CREEK	033	5,790	310RBHL	01/01/68		220	—	1	G
173B N14 E57 22AAA1	390342115324401	BIRCH	033	6,250	110VLFL	11/05/70		10E	—	1	G
173B N14 E56 14DDC1	390407115382301	BIG BULL CREEK	033	5,820	310RBHL	11/06/70		400	—	1	G
173B N15 E57 33CBD1	390655115341001	GREEN	033	6,080	100VLFL	08/19/65		680	—	1	10
179 N15 E64 01	390810114482501	COMINS LAKE	033	6,600	110VLFL	10/01/65		350	—	1	G
184 N15 E66 21AC1	390907114340001	BASTIAN	033	6,693	370SLLK	06/01/80	Pre-1968	1,600	150	2	G,10
179 N15 E65 10BD1	391055114400801	CAVE	033	7,600	341GLMT	Pre-1968	06/ /80	300	100	1	10,2

Footnotes at end of table.

TABLE 1.--Discharge data for selected springs in and adjacent to White Pine County--Continued

U.S. Geological Survey site designations[1]		Spring name and (or) owner	County code[2]	Altitude (feet above sea level)	Geologic unit code[3]	Initial measurement date	Most recent measurement date	Measured flow (gallons per minute)[4]		Number of measurements made	Source of data[5]
Local identification	Standard identification							Maximum	Minimum		
194 N21 E70 21AD1	394101114033701	PLEASANT VALLEY	033	6,000	100VLFL	Pre-1968		100	—	1	10
179 N21 E65 18C1	394112114405501	WILSON CREEK	033	7,000	120VLCC	10/01/65		260	—	1	G
194 N21 E70 10CD1	394212114025701	INDIAN	033	7,000	370CMBR	Pre-1968		100	—	1	10
179 N22 E65 31B1	394432114404101	LAMBORT RANCH	033	7,200	120VLCC	10/01/65		210	—	1	G
178B N22 E62 21D1	394450114575001	NINEMILE	033		110VLFL	08/21/67		F10E	—	1	G
179 N22 E65 19A1	394554114402001	UNKNOWN	033	7,200	120VLCC	10/01/65		180	—	1	G
179 N22 E63 16A1	394625114504501	J. BORCHERT	033	6,200	100VLFL	Pre-1968		450	—	1	10
179 N22 E64 12D1	394706114410101	L. SCHELL-BORNE	033	7,000	100VLFL	Pre-1968		450	—	1	10
154 N22 E55 11CB1	394727115451701	GOICOECHEA RANCH	033	5,860	110VLFL	Pre-1968		400	—	1	10
179 N22 E65 08BD1	394741114384701	U. SCHELL-BORNE W	033	7,200	374HGPK	09/11/66		450E	—	1	10
179 N22 E65 07B1	394744114404501	L. SCHELL-BORNE	033	6,800	100VLFL	10/01/65		310	—	1	G
154 N22 E55 11BA1	394753115450101	MINOLETTI	033	5,860	110VLFL	Pre-1968		420	—	1	10
179 N22 E64 01 01	394800114410101	L. SCHELL-BORNE	033	7,000	100VLFL	Pre-1968		100	—	1	10
179 N22 E65 05C1	394815114393101	U. SCHELL-BORNE	033	7,700	374HGPK	10/01/65		240	—	1	G
154 N22 E56 01AA1	394843115363301	GOICOECHEA WARM	033	5,880	110VLFL	Pre-1968		1,200	—	1	10
154 N23 E56 36 01	394916115365801	MOORES RANCH	033	5,878	110VLFL	Pre-1964		200	—	1	5
185 N23 E67 34B1	394946114234501	UNKNOWN	033	6,050	100VLFL	10/22/69		70	—	1	G
185 N23 E67 26CC1	395003114233201	COLD	033	6,120	120VLCC	Pre-1968		200	—	1	10
154 N23 E55 26B	395022115450601	COLD	033	6,200	110VLFL	11/ /80		580	—	1	2
153 N23 E53 24A1	395146115563601	ROMAN ARTESIAN	011	5,800	100VLFL	Pre-1968		100	—	1	10
179 N23 E62 13AD1	395155114542401	EGAN CREEK	033	6,150	110VLFL	08/02/83	08/13/83	1,100	970	2	G
179 N23 E65 14 01	395204114354101	EGAN CREEK	033	6,650	100VLFL	10/01/65		390	—	1	G
185 N23 E67 14BA1	395226114215401	TIPPET WARM	033	6,000	110VLFL	Pre-1968		70	—	1	10
185 N23 E67 10A1	395311114223901	UNKNOWN	033	6,800	364PGNP	10/22/69		150	—	1	G
179 N23 E63 06CC1	395316114540401	UNKNOWN	033	6,150	100VLFL	06/07/83	08/13/83	43	26	6	G
153 N24 E54 34DD1	395444115513901	EMERALD LAKE	011	5,800	110VLFL	Pre-1968		200	—	1	10
179 N24 E64 25A1	395533114411601	UNKNOWN	033	6,200	100VLFL	10/01/65		110	—	1	G
47 N25 E55 34DC1	395938115463301	HEADWATERS	033	6,100	100VLFL	10/20/64		670	—	1	G
185 N25 E67 27CA1	400009114231501	CHIN	033	7,000	120VLCC	Pre-1968		100	—	1	10
153 N24 E53 36CC	400035115583901	BAILEY	011	5,800	350LNMN	07/11/66		200	—	1	10

TABLE 1.--Discharge data for selected springs in and adjacent to White Pine County--Continued

U.S. Geological Survey site designations[1]		Spring name and (or) owner	County code[2]	Altitude (feet above sea level)	Geologic unit code[3]	Initial measurement date	Most recent measurement date	Measured flow (gallons per minute)[4]		Number of measurements made	Source of data[5]
Local identification	Standard identification							Maximum	Minimum		
179 N15 E64 01	391133114485401	UNKNOWN	033	6,500	110VLFL	10/01/65		450	—	1	G
179 N16 E63 30 01	391321114553701	MCGILL	033	7,120	310RBHL	Pre-1964		450	—	1	5
179 N16 E63 29AAAA1	391345114535501	MURRAY	033	6,600	310RBHL	12/11/51	01/11/82	4,000	3,300	2	G
174 N16 E58 10CD1	391543115255701	ILLIPAH	033	7,560	320ELY	Pre-1968		900	—	1	10
179 N16 E63 03A1	391659114451401	LACKAWANNA	033	6,300	100VLFL	10/01/65		135	—	1	G
184 N17 E67 25CH	391818114231401	S. MULICK	033	5,600	110VLFL	07/12/66		200E	—	1	10
179 N17 E63 09C1	392057114532401	UNKNOWN	033	6,400	100VLFL	10/01/65		14	—	1	G
184 N17 E67 03DB1	392141114244801	S. MULICK	033	5,600	110VLFL	Pre-1968	09/ /82	5,800	200	3	10
207 N06 E59 17	392240115221601	WHITE R VALLEY	023		331DMPK	07/26/75		21	—	1	B
179 N18 E64 21BDDC1	392502114464901	MCGILL	033	6,100	100VLFL	10/01/65	01/12/82	4,600	4,400	2	G
179 N18 E64 03DB1	392715114452201	SCHOOLHOUSE	033	6,280	110VLFL	05/21/66		450	—	1	10
179 N18 E62 06B1	392716115022001	COTTONWOOD	033	7,600	120VLCC	10/01/65		50	—	1	G
179 N18 E65 03AD1	392717114451901	MCGILL WARM	033	6,640	324ELY	09/29/65		4,578	—	1	7
179 N18 E64 03AC1	392728114452301	GALLAGHER	033	6,480	110VLFL	Pre-1968		340	—	1	10
179 N18 E65 03AD1	392730114383001	BIRD CREEK	033	7,760	110VLFL	Pre-1968		720	—	1	10
179 N19 E64 25A1	392908114432101	UNKNOWN	033	6,700	100VLFL	10/01/65		80	—	1	G
179 N19 E63 05CDC1	393108114562301	CAMBELLS EMBAY	033	6,100	110VLFL	10/01/65	08/13/83	4,800	390	10	G
178B N19 E62 09C1	393111115000101	GULCH SPRING	033	7,100	120VLCC	08/01/67		15	—	1	G
179 N19 E63 05CC2	393217114544901	UNKNOWN	033	6,100	110VLFL	05/09/83	08/13/83	2,200	990	8	G
179 N19 E63 05	393221114535201	NORTH GROUP	033	6,100	371HMBG	Pre-1920		450	—	1	G
179 N19 E63 05CC1	393231114544701	UNKNOWN	033	6,100	100VLFL	05/09/83	08/13/83	3,000	1,500	8	G
178B N19 E60 04B1	393244115133201	UNKNOWN	033	7,200	120VLCC	08/01/67		10	—	1	G
178B N20 E60 33D1	393248115130201	THIRTYMILE	033	7,300	120VLCC	08/01/67		45	—	1	G
153 N20 E54 33	393318115534801	UNKNOWN	011		110VLFL			75	—	1	7
184 N20 E66 30DCC1	393347114361801	KALAMAZOO CREEK	033	7,200	120VLCC	08/15/64	09/19/81	2,000	1,200	2	G
179 N20 E65 20C1	393420114402101	SECOND CREEK	033	8,800	120VLCC	10/01/65		100	—	1	G
179 N20 E65 08C1	393600114413601	THIRD CREEK	033	7,800	120VLCC	10/01/65		80	—	1	G
184 N20 E66 17A1	393603114335801	MUNCY CREEK	033	7,000	370SLLK	07/14/64	08/15/64	1,900	890	2	G
154 N20 E55 05-8	393741115475601	ROBINSON	033	6,960	331DMPK	07/12/66		175	—	1	10
175 N20 E57 06A	393809115353301	BECK	033	6,720	310CBRG	11/ /80		20	—	1	2
179 N21 E62 29D	393905114585701	UNKNOWN	033	7,250	110VLFL	11/ /80		23	—	1	2
179 N21 E63 25BC1	393914114544301	DEADMAN	033	6,480	110VLFL	Pre-1968		180	—	1	10
179 N21 E63 25BA1	393930114542701	MONTNEVA HOT	033	6,030	110VLFL	Pre-1968		630	—	1	10
179 N21 E65 30C1	393932114404901	BIG INDIAN	033	7,300	120VLCC	10/01/65		420	—	1	G
184 N21 E65 15D1	394059114363301	NORTH CREEK	033	8,000	374HGPK	07/14/64		1,000	—	1	G

TABLE 1.--Discharge data for selected springs in and adjacent to White Pine County--Continued

U.S. Geological Survey site designations[1]		Spring name and (or) owner	County code[2]	Altitude (feet above sea level)	Geologic unit code[3]	Initial measurement date	Most recent measurement date	Measured flow (gallons per minute)[4]		Number of measurements made	Source of data[5]
Local identification	Standard identification							Maximum	Minimum		
179 N25 E64 30BA1	400043114465401	UNKNOWN	033	5,900	110VLFL	06/07/83	08/13/83	590	360	6	G
176 N25 E57 13C1	400238115302201	PONY EXPRESS	033	6,000	110VLFL	Pre-1968		200	—	1	10
179 N25 E63 12 01	400305114475101	GOSHUTE CREEK	033	6,400	110VLFL	Pre-1968		400	—	1	10
47 N25 E56 05CD	400424115412201	PETEHOLLUM	033	6,150	110VLFL	01/26/71		10	—	1	9
176 N25 E57 02CB1	400432115313601	MARCISES	033	6,000	364PGNP	08/24/70		14	—	1	9
178B N26 E62 33D1	400438114591901	OWENS-PARIS	033	6,350	100VLFL	08/18/67		75	—	1	G
47 N25 E56 01AD	400450115361801	WATERSPOUT	033	8,000	364PGNP	08/25/70		9.4	—	1	9
176 N26 E57 34DD1	400516115315101	SPNO 101	033	6,000	341GLMT	10/26/66		225	—	1	10
179 N26 E64 33BD1	400517114453201	UNKNOWN	033	5,900	110VLFL	06/07/83	08/13/83	130	110	6	G
47 N26 E56 33CD	400520115401801	WALKER	033	6,420	100VLFL	08/25/70		3.0	—	1	9
47 N26 E56 35AC	400542115374901	BUCK	033	6,920	370LMSN	08/25/70		2.1	—	1	9
47 N26 E56 33BA	400552115402801	WILLOW CREEK	033	6,390	110VLFL	08/25/70		7.2	—	1	9
176 N26 E57 27CB1	400613115323701	RAMIRES #2	033	6,000	110VLFL	Pre-1968		500	53	1	10
179 N26 E64	400635114473201	INDIAN CREEK	033	6,800	100VLFL	10/01/65		210	—	1	10
47 N26 E56 20CD	400654115412201	TUB	033	6,130	110VLFL	01/26/70		9.0	—	1	9
176 N26 E57 22DA1	400706115314701	WILLOW	033	6,000	110VLFL	Pre-1968		300	—	1	10
178B N26 E62 15C1	400714114581301	SOUTH STRATTON	007	6,350	110UCDD	08/01/67		250	—	1	G
176 N26 E57 22AA1	400735115314201	COUNTY LINE N	033	6,000	341GLMT	08/24/70		21	—	1	9
176 N26 E57 14CB1	400751115312101	COUNTY LINE	007	6,000	341GLMT	08/26/70		100	—	1	9
179 N26 E63 10CD1	400758114511201	ASPEN	007	7,000	310PRKC	Pre-1968		300	—	1	10
176 N26 E57 15AD1	400811115314201	FLYN & HAGER	007	6,320	341GLMT	06/10/70		221	—	1	9
176 N26 E57 01BC1	400947115301301	FLYNN	033	6,160	341GLMT	01/26/71		100E	—	1	9
47 N26 E56 01DB	400948115363901	MITCHELL CREEK	033	7,440	364PGNP	08/25/70		31	—	1	9
179 N27 E64 34DC1	400958114442601	UNKNOWN	007	5,950	110VLFL	08/13/83		150	—	1	G
179 N27 E64 34DC2	400958114442602	UNKNOWN	007	5,950	110VLFL	08/13/83		81	--	1	G
178A N27 E62 33C1	401001114592301	TWIN	007	6,350	110UCDD	08/19/67		18	—	1	G
47 N27 E56 36CD	401029115365601	MITCHELL CR NF	007	6,920	110VLFL	08/25/70		3.7	—	1	9
179 N27 E63 34C1	401035114522401	MCDERMITT	007	7,300	110CLDD	10/01/65		2,700	—	1	G
176 N27 E57 36AA1	401059115293401	FISH HATCH	007	5,900	110VLFL	Pre-1968		800	—	1	10
47 N27 E56 27BC	401143115392101	BELMONT	007	6,280	110VLFL	08/25/70		.30	—	1	9
176 N27 E57 24DC1	401205115301101	CAVE CREEK CAVE	007	6,042	110VLFL	Pre-1968		3,200	—	1	10

TABLE 1.--Discharge data for selected springs in and adjacent to White Pine County--Continued

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[1] See section in text titled "U.S. Geological Survey Site Designations."

[2] County code: 007, Elko; 017, Lincoln; 023, Nye; 033, White Pine (U.S. Geological Survey, 1975).

[3] The geologic unit code designates geology observed at spring mouth: 100VLFL, Cenozoic valley-fill deposits; 110CLDD, Quaternary consolidated deposits; 110UCDD, Quaternary unconsolidated deposits; 110VLFL, Quaternary valley fill; 112ALVFO, Pleistocene alluvial-fan deposits, older; 112LKBD, Pleistocene lakebed deposits; 120SDMR, Tertiary sedimentary rocks; 120VLCC, Tertiary volcanic rocks; 310CBRG, Permian Carbon Ridge formation; 310PRKC, Permian Park City group; 310RBHL, Permian Rib Hill formation; 341GLMT, Upper Devonian Guilmette formation; 341SLTNM, Upper Devonian Sultan limestone; 350LNMN, Silurian Lone Mountain dolomite; 364PGNP, Middle Ordovician Pogonip group; 370CMBR, Cambrian system; 370LMSN, Cambrian limestone; 370PLCN, Cambrian Pole Canyon limestone; 370SLLK, Cambrian Stella Lake quartzite; 371HMBG, Upper Cambrian Hamburg dolomite; 374HGPK, Middle Cambrian Highland Peak limestone (U.S. Geological Survey, 1975).

[4] E, estimated; when only one measurement has been made it is placed in maximum column.

[5] B, Peter Perfido (U.S. Bureau of Land Management, written communication, 1984); G, U.S. Geological Survey WATSTORE (Water-Data Storage and Retrieval System) files. Numbered items 1-13: see "References Cited" (back of report).

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County
(spring locations are shown on plate 2)

[μS/cm, microsiemens per centimeter at 25 °C; °C, degrees Celsius; --, no data available]

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (μs/cm)	pH (units)	Temperature (°C)
001			383058	1145009	—	76-06-04	11	303	7.5	14.8
002	LUBF522R		383106	1144429	—	80-05-13	4	350	7.9	14
003	LUBC503R		383108	1152311	—	80-05-07	4	300	8.2	13
004	173 N08 E57 27DACC1	BUTTERFIELD SP, RAILROAD VALLEY	383116	1153246	—	83-06-15	G	640	—	17
005	LUBF506R		383209	1144336	—	80-04-23	4	310	6.2	12
006	LUBE508R		383222	1145605	—	80-05-08	4	200	7.1	19
007		SHINGLE SPRING	383223	1145605	6,430	75-07-31	7	505	7.5	18
008	LUBE504R		383257	1145835	—	80-05-08	4	310	7.8	25
009		RAILROAD VALLEY	383258	1154612	—	65-11-02	7	684	8.1	35
010		RAILROAD VALLEY-LOCKE'S BIG SPRING	383300	1154600	—	65-11-02	1	684	8.1	35
011	173B N08 E55 15AC	BIG SPRING	383310	1151620	—	67-06-21	G	694	7.9	37.5
012	173B N08 E55 15AC	BIG SPRING	383310	1151620	—	67-08-07	G	640	8.1	38
013	173B N08 E55 15AC	BIG SPRING	383310	1151620	—	68-07-30	G	631	7.8	38
014	173B N08 E55 15AC	BIG SPRING	383310	1151620	—	68-09-13	G	676	7.9	37.5
015	169 N08 E55 15A	LOCKS HOT SPRINGS	383318	1154617	—	78-01-01	G	—	7.4	35
016	173B N08 E55 15AC	LOCKES BIG SPRING	383321	1154615	—	81-07-16	G	670	6.7	38
017	LUBA501R		383322	1154614	—	80-05-29	4	800	7.4	28
018		RAILROAD VALLEY	383324	1154538	—	65-11-02	7	694	7.6	35
019	LUBA502R		383337	1154551	—	80-05-28	4	700	7.5	15
020	LUBC506R		383340	1152643	—	80-05-08	4	200	8.5	18
021	LUBB501R		383344	1153139	—	80-06-02	4	600	7.9	13
022	173B N08 E57 11DD		383345	1153140	—	67-08-07	G	439	8.4	28.5
023	173B N08 E57 11DD1	BLUE EAGLE AND JACKS SPRING	383346	1153138	—	81-07-17	G	640	6.9	29
024	LUBE509R		383349	1145456	—	80-05-08	4	260	7.2	21
025	LUBE507R		383404	1144532	—	80-05-13	4	220	7.9	14
026	LUBC502R		383405	1152143	—	80-05-07	4	275	7.8	15
027	LUBC505R		383411	1152539	—	80-05-08	4	325	8.2	16
028		TOM SPRING	383425	1153117	4,760	66-11-12	7	236	7.9	22
029	LUBE505R		383426	1145609	—	80-05-08	4	380	8.1	18
030			383441	1144908	—	76-06-04	11	282	6.9	16.6
031	LUBF505R		383457	1144158	—	80-04-23	4	350	7.8	13
032	LUBC504R		383501	1152425	—	80-05-08	4	450	7.8	18
033	207 N09 E61 32DABC1	MORMAN SPRING	383541	1150818	—	81-07-18	G	540	7.0	37
034	LUBD504R		383541	1150818	—	80-05-12	4	380	7.8	31
035	LUBC501R		383542	1151734	—	80-05-06	4	650	7.4	12
036	LUBA505R		383547	1155414	—	80-05-30	4	200	7.4	13
037			383555	1145501	—	76-06-04	11	267	6.8	13
038		BIG SPRING	383556	1145459	6,960	—	3	—	7.3	16
039	LUBE503R		383557	1145454	—	80-05-08	4	170	7.1	19
040	LUBE506R		383608	1145832	—	80-05-08	4	220	8.5	12

Footnotes at end of table.

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
001	34.6	—	6.9	—	—	—	—	—	—	—	—
002	—	6.3	10.1	—	—	—	—	3.4	0.1	—	—
003	—	2.9	4	—	—	—	—	2.9	0.1	—	—
004	—	—	—	—	—	—	—	18.0	—	—	—
005	—	4.9	7.9	—	—	—	—	8.2	0.1	—	—
006	—	7.9	8.2	—	—	—	—	8.2	0.1	—	—
007	60	19	15	2.0	264	—	24	18.0	—	—	—
008	—	6.6	5.2	—	—	—	—	3.9	0.1	—	—
009	—	23	—	—	376	—	63	12.0	—	—	—
010	59	23	—	—	376	—	63	12.0	—	—	—
011	66	21	52	10.0	376	—	59	10.0	1.2	26	457
012	57	17	54	12.0	368	—	17	14.0	2.8	32	380
013	64	21	—	—	332	—	—	—	—	27	401
014	63	21	53	12.0	367	—	56	6.3	1.1	—	470
015	70	23	60	9.5	367	—	42	12.5	—	95.5	—
016	63	21	51	11.0	360	—	61	16.0	1.1	29	—
017	—	3.7	11.7	—	—	—	—	3.6	0.2	—	—
018	—	25	—	—	380	—	60	12.0	—	—	—
019	—	6.9	21.5	—	—	—	—	6.4	0.5	—	—
020	—	—	2.2	—	—	—	—	2.7	—	—	—
021	—	15.5	25.9	—	—	—	—	9.3	0.6	—	—
022	25	21	39	5.9	—	4	—	—	—	30	254
023	71	23	36	5.5	380	—	29	9.5	0.9	24	—
024	—	10.3	4.8	—	—	—	—	4.2	0.1	—	—
025	—	9.1	4.7	—	—	—	—	3.9	—	—	—
026	—	1.6	6.7	—	—	—	—	5.0	—	—	—
027	—	1.6	5	—	—	—	—	5.1	0.1	—	—
028	104.2	6.8	2.8	6.5	122	—	11	35.1	—	—	—
029	-	4.8	12.7	—	—	—	—	6.6	0.1	—	—
030	34.8	—	12.9	—	—	—	—	—	—	—	—
031	—	13.4	4.1	—	—	—	—	3.2	—	—	—
032	—	3.3	9.7	—	—	—	—	7.7	0.1	—	—
033	58	19	24	5.9	290	—	47	9.9	1.3	27	—
034	—	9.9	13.9	—	—	—	—	6.8	0.6	—	—
035	—	7.9	17.3	—	—	—	—	26.4	0.1	—	—
036	—	0.9	6.5	—	—	—	—	3.3	0.1	—	—
037	35.9	—	13.4	—	—	—	14	8.0	—	—	—
038	12.6	—	4.3	2.8	159	—	7	10.6	—	—	209
039	—	—	4.1	—	—	—	—	2.1	0.1	—	—
040	—	5.0	3.1	—	—	—	—	2.6	—	—	—

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
041	LUBF503R		383611	1144258	—	80-04-23	4	100	6.9	6
042	LUBC507R		383618	1152458	—	80-05-08	4	450	7.9	17
043	LUBG503R		383640	1142548	—	80-04-26	4	240	7.8	10
044			383645	1142655	6,610	64-07-15	R	236	7.9	21
045	LUBF502R		383654	1143829	—	80-04-23	4	150	7.8	6
046	LUBD501R		383720	1150245	—	80-05-12	4	320	6.7	12
047	LUBD502R		383726	1150249	—	80-05-12	4	300	6.8	12
048	207 N09 E62 19AC1	EMIGRANT SPRING	383730	1150252	—	81-07-18	G	510	7.1	19.5
049	LUBG508R		383751	1141606	—	80-07-14	4	700	8.0	14
050	LUBF510R		383757	1143819	—	80-04-23	4	650	7.0	24
051	LUBC508R		383802	1152430	—	80-05-08	4	675	7.6	15
052	LUBD507R		383810	1150427	—	80-05-09	4	300	6.2	14
053	LUBA504R		383810	1155603	—	80-05-30	4	800	7.4	15
054	LUBF511R		383819	1143805	—	80-04-27	4	300	7.7	16
055	LUBE501R		383827	1144746	—	80-04-20	4	100	8.0	13
056			383830	1144747	—	76-06-07	11	123	7.1	8.8
057	LUBG505R		383830	1142656	—	80-04-27	4	160	7.6	13
058	LUBB505R		383839	1153816	—	80-06-09	4	600	8.4	18
059	LUBF515R		383903	1144159	—	80-04-27	4	250	8.0	12
060	LUBF514R		383921	1144204	—	80-04-27	4	100	8.1	12
061	LUBF513R		383925	1143736	—	80-04-27	4	300	7.9	25
062			383927	1145255	—	76-01-01	11	—	—	14.1
063	LUBE502R		384003	1145010	—	80-04-20	4	440	8.0	18
064			384011	1145417	—	76-01-01	11	408	—	12.4
065	LUBF517R		384047	1143957	—	80-04-27	4	110	8.2	12
066		GEYSER SPRING	384048	1143956	6,480	63-08-07	7	405	8.0	20
067	LUBF516R		384051	1144218	—	80-04-27	4	75	8.1	12
068	LUBH503R		384120	1140647	—	80-07-13	4	470	8.0	17
069	LUBC509R		384152	1152516	—	80-05-08	4	175	9.0	14
070	LUBH504R		384155	1140752	—	80-07-14	4	390	8.5	14
071	196 N10 E70 32A1	BIG SPRINGS	384158	1140752	—	83-06-15	G	370	8.0	18
072	LUBA503R		384214	1155117	—	80-05-29	4	420	7.2	14
073	LUBF519R		384219	1144113	—	80-04-27	4	80	6.1	20
074	LUBF520R		384229	1144326	—	80-04-28	4	40	8.1	10
075	LUBH505R		384307	1140716	—	80-07-14	4	350	8.4	14
076	LUBA506R		384324	1154924	—	80-05-30	4	360	6.5	13
077	LUBH506R		384347	1140704	—	80-07-14	4	480	8.2	13
078	LUBF518R		384354	1144249	—	80-04-28	4	320	7.6	11
079	LUBG507R		384401	1142000	—	80-07-14	4	1,200	9.1	13
080		IKE SPRING	384427	1154736	6,600	—	3	—	7.3	2.0

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
041	—	—	3.4	—	—	—	—	2.4	0.2	—	—
042	—	5.2	8.4	—	—	—	—	6.9	0.1	—	—
043	—	4.8	6.5	—	—	—	—	5.6	0.1	—	—
044	24	6.8	—	—	122	—	11	11	—	—	—
045	—	7.3	3.6	—	—	—	—	3.4	0.1	—	—
046	—	12.9	4.5	—	—	—	—	3.2	0.1	—	—
047	—	11.7	3.3	—	—	—	—	2.6	0.1	—	—
048	67	24	5.3	1.6	300	—	14	2.9	0.2	13	—
049	—	14.4	20.6	—	—	—	—	47.4	—	—	—
050	—	36.7	19.5	—	—	—	—	14.7	0.4	—	—
051	—	7.2	21.8	—	—	—	—	31.4	—	—	—
052	—	10.9	4	—	—	—	—	2.6	0.1	—	—
053	—	—	32.5	—	—	—	—	17.5	0.2	—	—
054	—	9.6	4.6	—	—	—	—	4.4	0.1	—	—
055	—	—	2.6	—	—	—	—	1.8	—	—	—
056	17.3	—	3.1	—	—	—	15	—	—	—	—
057	—	2.5	9.2	—	—	—	—	5.5	0.1	—	—
058	—	10.3	32.2	—	—	—	—	8.9	0.1	—	—
059	—	—	2.1	—	—	—	—	1.6	—	—	—
060	—	—	2.9	—	—	—	—	1.4	—	—	—
061	—	8.6	4.3	—	—	—	—	3.4	0.1	—	—
062	42.9	—	4	—	—	—	—	—	—	—	—
063	—	8.8	8.8	—	—	—	—	24.3	—	—	—
064	44	—	3.1	—	—	—	—	—	—	—	—
065	—	—	2.9	—	—	—	—	2.1	—	—	—
066	30	3.4	0.2	1.0	103	—	5	3.0	—	—	—
067	—	—	2.3	—	—	—	—	1.8	0.1	—	—
068	—	6.2	5.6	—	—	—	—	3.2	0.1	—	—
069	—	2.1	3.9	—	—	—	—	4.2	—	—	—
070	—	7.1	5.4	—	—	—	—	3.8	—	—	—
071	48	20	5.4	1.5	240	—	8.7	5.6	0.1	12	—
072	—	—	11.8	—	—	—	—	6.8	—	—	—
073	—	4.1	5	—	—	—	—	3.3	0.1	—	—
074	—	1.0	2.2	—	—	—	—	1.9	—	—	—
075	—	11.4	6.7	—	—	—	—	4.8	—	—	—
076	—	1	11.6	—	—	—	—	5	0.1	—	—
077	—	11.5	5.7	—	—	—	—	4.9	—	—	—
078	—	12.6	6.6	—	—	—	—	4.7	—	—	—
079	—	34.7	71.4	—	—	—	—	114	0.6	—	—
080	12.3	—	13.1	2.6	165	—	—	32.5	—	—	294

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
081	LUBA507R		384429	1154728	--	80-05-30	4	300	6.5	14
082	173B N11 E55 34CD		384430	1154735	--	68-09-12	G	405	7.6	15
083	LUBC510R		384430	1152751	—	80-05-08	4	300	8.6	17
084	LUAG511R		384552	1141841	—	80-07-08	4	650	7.9	19
085		UNNAMED SPRING-MORIAH	384609	1142452	5,800	82-09-20	3	—	7.6	14
086		PASTRONI SPRING	384621	1152903	5,360	71-10-12	7	432	7.8	13
087	LUAF503R		384624	1143838	—	80-07-10	4	600	7.1	20
088	LUAG512R		384626	1141805	—	80-07-08	4	430	8.1	19
089	173B N11 E56 31BCA		384630	1154315	—	67-08-07	G	368	7.7	18
090	LUAC516R		384631	1152854	—	80-06-09	4	600	7.5	18
091	LUAA504R		384700	1154952	—	80-05-14	4	450	8.4	16
092		MARTILLETTI SPRING	384712	1154949	6,780	82-05-12	3	—	7.9	9.0
093	LUAG513R		384732	1141727	—	80-07-08	4	415	7.7	18
094	207 N13 E60 33A	WILLIAMS HOT SPRINGS	384803	1151330	—	82-04-29	G	—	9.3	53
095			384829	1145312	—	76-06-09	11	392	7.3	8.4
096		CRYSTAL SPRING	384906	1152602	6,400	82-05-12	3	—	7.4	10
097		CRYSTAL SPRING	384906	1152602	6,400	82-07-21	3	—	7.5	12
098		SNOW (CRYSTAL) SPRING	384906	1152627	6,380	--	7	686	7.8	16
099	LUAC517R		384907	1152601	—	80-06-09	4	200	7.6	18
100	LUAF508R		384907	1144141	—	80-07-11	4	390	7.7	12
101		CATTLE CAMP SPRING	384915	1144310	7,400	—	3	—	7.2	1.0
102		SILVER SPRING NO. 2	384916	1145240	7,600	—	3	—	7.4	1.0
103	LUAF509R		384920	1144005	—	80-07-11	4	470	7.6	30
104	LUAC506R		384922	1151801	—	80-06-04	4	400	7.8	15
105	LUAF506R		384927	1144350	—	80-07-11	4	375	7.8	16
106	LUAF507R		384945	1144224	—	80-07-11	4	385	7.8	16
107	LUAG503R		385008	1142352	—	80-07-09	4	370	7.8	15
108	173B N12 E55 32BB		385010	1154450	—	67-08-08	G	390	8.0	14
109	LUAC507R		385019	1151724	—	80-06-05	4	50	7.5	22
110	LUAG517R		385033	1142152	—	80-07-09	4	285	7.8	15
111	LUAC518R		385034	1152805	—	80-06-09	4	650	7.7	20
112		SILVER SPRING NO. 1	385039	1152903	6,860	—	3	—	8.1	2.0
113	LUAG509R		385041	1142656	—	80-07-08	4	500	7.8	19
114	LUAC508R		385042	1151802	—	80-06-05	4	350	7.5	20
115		BULLWHACKER SPRING	385050	1145202	7,000	—	3	—	6.9	12
116		LUND SPRING	385055	1152650	—	49-05-27	7	445	—	—
117	LUAE501R		385056	1145342	—	80-07-08	4	410	8.2	13
118	LUAF505R		385108	1144325	—	80-07-11	4	410	7.6	15
119		PRESTON	385109	1150328	—	74-08-08	7	—	7.9	—
120	LUAF504R		385113	1144442	—	80-07-11	4	900	7.5	20

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
081	--	--	10.2	--	--	--	--	8.0	0.1	--	--
082	46	2.5	34	2.0	177	--	26	18	0.3	45	327
083	--	4.2	4.3	--	--	--	--	3.1	--	--	--
084	--	11.2	15.8	--	--	--	--	12.9	--	--	-
085	68	77	19	10.0	434	--	41	23	--	--	--
086	36	22	47	25.0	230	--	19	11	--	--	--
087	--	10.1	12.2	--	--	--	--	9.9	0.1	--	--
088	--	5.8	8.4	--	--	--	--	5.0	--	--	--
089	37	5.8	36	7.9	313	--	528	623	17	73	275
090	--	9.4	53.3	--	--	--	--	15.8	0.2	--	--
091	--	3.0	13.6	--	--	--	--	5.1	--	--	--
092	70	17	46	4.5	288	--	31	16	--	--	--
093	--	--	4.9	--	--	--	--	3.5	0.1	--	--
094	1.6	0.1	61	0.6	91	8	16	9.4	13	56	--
095	76.8	--	5.1	--	--	--	21	-	--	--	--
096	73	17	5.6	0.9	226	--	6.8	3.0	--	--	--
097	66	17	8.8	1.0	230	--	7.6	7.0	--	--	--
098	57	33	47	25.0	378	--	25	14	--	--	--
099	--	2.0	18.8	--	--	--	--	1.9	--	--	--
100	--	3.4	5.8	--	--	--	--	4.0	0.1	--	--
101	22.6	--	2.9	--	193	--	5.0	17.5	--	--	295
102	27.8	--	1.3	1.0	243	--	5.0	11.5	--	--	317
103	--	5.1	8.0	--	--	--	--	3.1	0.2	--	--
104	--	4.3	25.5	--	--	--	--	8.6	0.1	--	--
105	--	3.4	6.2	--	--	--	--	6.1	--	--	--
106	--	3.4	5.8	--	--	--	--	4.2	--	--	--
107	--	3.0	5.2	--	--	--	--	2.7	0.1	--	--
108	36	7.4	60	11.0	160	--	28	23	0.7	34	334
109	--	4.7	20.7	--	--	--	--	5.6	0.1	--	--
110	--	3.9	3.8	--	--	--	--	2.3	--	--	--
111	--	--	42	--	--	--	--	6.7	--	--	--
112	11	--	0.3	3.9	220	--	--	24.5	--	--	364
113	--	21.6	13.3	--	--	--	--	9.4	0.1	--	--
114	--	2.7	17.2	--	--	--	--	2.6	--	--	--
115	24.6	--	5.6	3.4	222	--	27	15.8	--	--	333
116	--	24	--	--	276	--	13	3.0	--	13	252
117	--	1.7	17.1	--	--	--	--	1.4	--	--	--
118	--	2.5	7.1	--	--	--	--	3.6	--	--	--
119	--	--	272	15.0	90	8	181	17	2.3	-	--
120	--	26	25	--	--	--	--	11.5	0.2	--	--

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
121	LUAH507R		385127	1141315	—	80-07-15	4	340	8.0	17
122	LUAF510R		385133	1143843	—	80-07-11	4	400	8.2	13
123	207 N11 E62 04AABA1	LUND SPRING, WHITE RIVER	385158	1150004	—	82-04-27	G	—	7.5	19
124	LUAG508R		385224	1142616	—	80-07-08	4	700	7.9	15
125	LUAC509R		385322	1151831	—	80-06-06	4	700	7.9	20
126	173 N12 E59	SPRING BELOW CURRANT MOUNTAIN	385339	1152258	—	83-06-15	G	430	—	18
127	LUAH506R		385343	1140048	—	80-07-14	4	590	8.5	22
128	LUAA503R		385349	1154802	—	80-05-14	4	500	7.8	19
129	LUAF511R		385400	1144123	—	80-07-11	4	460	7.8	12
130	LUAG516R		385401	1142006	—	80-07-09	4	320	7.8	17
131	LUAC505R		385401	1152219	—	80-06-04	4	150	8.6	16
132	173 N12 E59	SNWMLT BELOW DUCKWATER PARK	385402	1152257	—	83-06-15	G	94	—	10
133	LUAG507R		385423	1142919	—	80-07-07	4	350	8.2	17
134	LUAF512R		385433	1144110	—	80-07-11	4	570	8.0	13
135		HORSECAMP SPRING	385434	1144110	7,520	—	3	—	7.3	1
136	LUAC510R		385455	1151743	—	80-06-06	4	800	8.3	19
137	LUAC504R		385518	1152317	—	80-06-04	4	400	8.4	12
138	LUAE505R		385525	1145148	—	80-07-10	3	290	8.2	13
139	207 N12 E61 12DBDD1	NICHOLAS (FUNK) SPRING	385530	1150446	—	82-04-27	G	—	7.8	22
140		PRESTON SPRINGS	385535	1150450	5,800	—	6	434	8.1	22.7
141	207 N12 E61 02AC	COLD SPRING-PRESTON	385538	1150457	—	81-07-16	G	401	7.2	22
142	207 N12 E61 02AC	COLD SPRING-PRESTON	385538	1150457	—	83-06-16	G	410	7.8	21.5
143	207 N12 E61 02ACAB1	PRESTON BIG SPRING	385540	1150457	—	83-06-16	G	410	7.7	21
144	LUAB502R		385542	1154219	—	80-05-12	4	400	8.1	18
145		LITTLE WARM SPRING	385552	1154210	5,600	66-11-12	7	704	8.0	32
146	LUAB501R		385557	1154137	—	80-05-12	4	300	8.2	25
147	173B N12 E56 05AB		385612	1154150	—	67-08-07	G	535	8.2	32
148	LUAF513R		385622	1144006	—	80-07-11	4	400	8.1	12
149	LUAG505R		385630	1142506	—	80-07-07	4	155	7.4	14
150	LUAG521R		385633	1141717	—	80-07-20	4	33	7.9	12
151	LUAG520R		385634	1141755	—	80-07-20	4	45	8.3	12
152	LUAG514R		385639	1142127	—	80-07-09	4	65	8.8	15
153	173B N13 E56 32BDB		385640	1154201	—	67-06-21	G	587	8.0	33
154	173B N13 E56 32BDB		385640	1154201	—	67-08-07	G	543	8.2	33
155	173B N13 E56 32BDB		385640	1154201	—	68-07-29	G	—	—	34
156		HOT SPRING	385649	1151346	6,580	—	3	—	8.8	29
157	LUAB504R		385700	1154200	—	80-05-12	4	375	7.8	67
158	173 N13 E56 32BACD1	DUCKWATER SP., RAILROAD VALLEY	385701	1154206	—	83-06-13	G	590	7.3	33
159		BIG WARM SPRING	385701	1154201	5,600	63-04-16	7	—	—	32
160		WILLIAMS HOT SPRINGS	385704	1151359	—	—	6	286	10	51.8

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
121	--	13.2	8.7	--	--	--	--	9.2	0.1	--	--
122	--	4.5	5	--	--	--	--	3.2	0.1	--	--
123	56	23	3.8	0.9	270	--	11	2.8	0.1	11	--
124	--	18.5	18.4	--	--	--	--	10.4	--	--	--
125	--	--	41.5	--	--	--	--	6.6	0.2	--	--
126	--	--	--	--	--	--	--	11.0	--	--	--
127	--	26.5	25	--	--	--	--	31.3	0.2	--	--
128	--	9.4	9.4	--		--	--	8.0	0.8	--	--
129	--	3.1	7	--	--	--	--	6.5	0.1	--	--
130	--	2	4.5	--	--	--	--	1.8	--	--	--
131	--	2	17.5	--	--	--	--	2.6	0.1	--	--
132	--	--	--	--	--	--	--	0.6	--	--	--
133	--	10.5	6.5	--	--	--	--	4.7	0.1	--	--
134	--	14	12.3	--	--	--	--	8.1	0.1	--	--
135	27.7	--	3.4	3.5	242	--	16	18.4	--	--	340
136	--	13.4	29.6	--	--	--	--	6.5	0.2	--	--
137	--	8.7	16.4	--	--	--	--	3.0	--	--	--
138	--	--	4.3	--	--	--	--	2.6	--	--	--
139	42	19	13	3.3	180	--	40	24.0	0.6	20	--
140	39.7	17.9	11.7	3.3	185	--	37.9	16.0	0.2	22.4	--
141	39	19	12	3.1	190	--	39	13.0	0.3	20	--
142	43	20	13	2.9	190	--	37	14.0	0.4	20	--
143	44	20	13	2.9	180	--	36	14.0	0.4	20	--
144	--	4.4	8.1	--	--	--	--	4.4	0.1	--	--
145	39	25	83	--	368	--	62	10.0	--	--	--
146	--	5.7	7.7	--	--	--	--	3.7	0.1	--	--
147	57	25	40	7.3	240	--	27	81.0	0.4	34	380
148	--	3.6	5.9	--	--	--	--	4.3	0.1	--	--
149	--	--	6.6	--	--	--	--	2.0	0.1	--	--
150	--	--	4.4	--	--	--	--	1.3	--	--	--
151	--	--	3.9	--	--	--	--	1.2	--	--	--
152	--	--	4.1	--	--	--	--	2.0	0.2	--	--
153	62	22	28	6.5	321	--	47	8.6	0.6	25	380
154	44	26	35	7.2	258	--	46	9.9	3.6	27	300
155	63	21	--	--	287	--	--	--	--	--	--
156	0.9	--	26.6	2.4	171	--	13	20.9	--	--	293
157	--	6.8	9.5	--	--	--	--	4.4	0.2	--	--
158	63	23	29	6.2	320	--	46	7.6	0.6	29	--
159	62	22	2.8	6.5	321	--	47	8.6	--	--	--
160	0.7	0.1	51.5	1.5	43	29	14.3	10.4	4.8	70	--

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
161	LUAD506R		385704	1151400	--	80-05-12	4	370	9.1	44
162	LUAC503R		385708	1152106	--	80-06-04	4	600	8.5	17
163		UNNAMED SPRING-MORIAH	385711	1142822	5,790	82-07-19	3	--	7.6	11
164		UNNAMED SPRING-MORIAH	385711	1142822	5,790	82-09-20	3	--	7.5	11
165	LUAC515R		385726	1152322	--	80-06-07	4	525	7.9	20
166	LUAG519R		385727	1141843	--	80-07-19	4	12	8.8	9.0
167	LUAA502R		385742	1154839	--	80-05-13	4	500	7.7	15
168	LUAC502R		385752	1151839	--	80-06-04	4	600	8.4	10
169		UNNAMED SPRING-MORIAH	385752	1142946	5,870	82-07-19	3	--	8.2	23
170		UNNAMED SPRING-MORIAH	385752	1142946	5,870	82-09-20	3	--	7.6	20
171	LUAG504R		385753	1142101	--	80-07-07	4	110	7.6	18
172	LUAC501R		385805	1152818	--	80-06-03	4	500	8.5	12
173	LUAG518R		385815	1141645	--	80-07-19	4	20	7.8	10
174	LUAF514R		385816	1144122	--	80-07-11	4	500	8.1	13
175	LUAC514R		385817	1152325	--	80-06-07	4	350	7.6	20
176	LUAA501R		385845	1154843	--	80-05-13	4	600	7.4	18
177	LUAC513R		385902	1152325	--	80-06-07	4	250	8	18
178	LUAH501R		385911	1140929	--	80-07-13	4	60	8.2	17
179	LUAC511R		385925	1152531	--	80-06-07	4	600	8.1	18
180	LUAC512R		385941	1152328	--	80-06-07	4	400	8.3	18
181	EYDC507R		390009	1152415	--	80-06-10	4	230	7.9	5.0
182	EYDE502R		390026	1145305	--	80-07-03	4	360	8.3	10
183		MARTIN SPRING	390026	1145313	7,660	--	3	--	7.3	9.0
184		MAHOGANY SPRING	390031	1145423	7,760	--	3	--	7.8	18
185	EYDF503R		390041	1144004	--	80-06-30	4	340	7.6	11
186	EYDE501R		390041	1145235	--	80-07-03	4	390	8.4	11
187		BIG LOUIE SPRING	390045	1154935	6,270	--	3	--	7	2.0
188	EYDA501R		390054	1154913	--	80-06-05	4	500	7.7	16
189	173B N06 E56 05AAC		390055	1154910	--	68-09-12	G	464	7.6	14
190	173B N06 E56 05AAC		390055	1154910	--	68-09-13	G	319	7.8	19
191	EYDH505R		390059	1141148	--	80-07-10	4	100	8.2	21
192	EYDH517R		390115	1140548	--	80-07-12	4	80	8.4	23
193	EYDD501R		390125	1151044	--	80-05-11	4	430	7.1	8.0
194	EYDG517R		390131	1141718	--	80-07-10	4	70	8.2	13
195	EYDH504R		390157	1141043	--	80-07-10	4	120	8.4	17
196	EYDC514R		390214	1152524	--	80-06-12	4	300	7.9	9.0
197	EYDF502R		390214	1144351	--	80-06-30	4	250	7.6	12
198	EYDG504R		390217	1142828	--	80-07-06	4	500	7.9	17
199	EYDC513R		390223	1152703	--	80-06-12	4	380	8	9.0
200	EYDE504R		390223	1145151	--	80-07-05	4	380	8.4	16

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
161	—	—	3.7	—	—	—	—	1.9	0.5	—	—
162	—	9.8	46.7	—	—	—	—	11.7	0.2	—	—
163	31	14	6.9	1.7	145	—	6.1	4.7	—	—	—
164	27	14	5.4	1.6	151	—	9.6	3.1	—	—	—
165	—	10.7	43.3	—	—	—	—	5.8	0.2	—	—
166	—	—	4.1	—	—	—	—	1.5	—	—	—
167	—	2.6	14.3	—	—	—	—	14.6	0.2	—	—
168	—	3.7	50.3	—	—	—	—	16.1	0.1	—	—
169	42	12	6.8	0.8	141	—	5.9	4.2	—	—	—
170	37	10	2.8	0.8	147	—	18	3.2	—	—	
171	—	—	4.5	—	—	—	—	1.2	0.4	—	—
172	—	19.9	39.8	—	—	—	—	30.8	0.1	—	—
173	—	0.9	3.3	—	—	—	—	1.7	—	—	—
174	—	13.7	13.9	—	—	—	—	6.8	0.1	—	—
175	—	2.8	19.8	—	—	—	—	2.0	0.1	—	—
176	—	—	40.9	—	—	—	—	29.1	0.4	—	—
177	—	—	20.9	—	—	—	—	2.4	0.1	—	—
178	—	—	4.6	—	—	—	—	3.1	0.1	—	—
179	—	12.2	34.9	—	—	—	—	6.2	0.1	—	—
180	—	—	23.5	—	—	—	—	3.3	0.1	—	—
181	—	5.0	13.6	—	—	—	—	4.5	0.2	—	—
182	—	1.6	3.1	—	—	—	—	2.2	—	—	—
183	29.2	—	1.8	2.3	264	—	8	9.5	—	—	377
184	6.3	—	3.8	2.4	131	—	17	12.3	—	—	215
185	—	5.4	6	—	—	—	—	4.6	0.2	—	—
186	—	1.1	3.4	—	—	—	—	2.0	—	—	—
187	11.3	—	0.2	6.6	285	—	—	35.3	—	—	388
188	—	4.2	17.8	—	—	—	—	11.0	—	—	—
189	56	11	23	6.0	245	—	24	12.0	0.3	95	372
190	13	4.4	50	6.4	167	—	17	0.1	2.4	74	298
191	—	1.4	5.4	—	—	—	—	6.6	—	—	—
192	—	—	4.4	—	—	—	—	2.5	0.1	—	—
193	—	—	16.8	—	—	—	—	8.5	0.1	—	—
194	—	—	5.4	—	—	—	—	5.2	0.1	—	—
195	—	2.3	5.2	—	—	—	—	4.4	0.1	—	—
196	—	7.3	16.5	—	—	—	—	7.4	0.2	—	—
197	—	6.4	8.7	—	—	—	—	6.8	0.1	—	—
198	—	7.9	21.1	—	—	—	—	29.3	0.1	—	—
199	—	7	14.1	—	—	—	—	6.1	0.1	—	—
200	—	1.2	2.9	—	—	—	—	1.8	—	—	—

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
201	EYDC508R		390228	1152432	—	80-06-10	4	210	7.3	11
202	EYDC517R		390256	1152244	—	80-06-18	4	900	7.1	9.0
203	EYDH502R		390258	1141146	—	80-07-10	4	270	8.3	24
204	EYDB504R		390300	1153738	—	80-06-03	4	290	8	12
205	EYDB503R		390357	1153214	—	80-06-03	4	600	7.8	9.0
206	EYDB505R		390421	1153809	—	80-06-03	4	270	8.9	15
207	EYDE503R		390430	1145202	—	80-07-05	4	580	8.7	19
208	EYDE510R		390453	1145818	—	80-07-07	4	395	8.2	14
209	EYDC516R		390512	1152232	—	80-06-18	4	300	7.3	7.0
210	EYDH512R		390528	1140157	—	80-07-12	4	350	8.4	25
211	EYDC504R		390604	1152256	—	80-06-09	4	250	7.9	8.0
212	EYDE509R		390610	1145808	—	80-07-07	4	390	8.2	13
213	EYDH506R		390613	1140910	—	80-07-11	4	310	7.4	18
214	EYDH507R		390625	1141031	—	80-07-11	4	260	8.2	17
215	EYDG505R		390627	1142717	—	80-07-07	4	240	7.7	17
216	EYDC518R		390628	1151653	—	80-06-18	4	900	7.4	11
217	EYDF501R		390641	1144030	—	80-06-30	4	360	6.9	14
218	EYDC515R		390645	1152433	—	80-06-18	4	370	7.3	6.0
219	EYDC505R		390704	1152328	—	80-06-09	4	390	7.8	11
220		CIRCLE WASH SP JAKES V	390704	1152137	—	73-06-11	7	—	7.7	—
221	EYDG511R		390713	1141730	—	80-07-04	4	580	8.1	17
222	EYDG510R		390713	1141813	—	80-07-08	4	350	8.4	16
223	EYDC502R		390718	1152211	—	80-06-06	4	220	7.7	10
224	EYDG512R		390735	1141715	—	80-07-04	4	630	8	20
225	EYDH508R		390742	1140737	—	80-07-11	4	170	9.1	25
226	EYDH510R		390746	1140312	—	80-07-11	4	360	9.1	30
227	EYDE507R		390747	1145657	—	80-07-06	4	380	8.2	15
228	EYDC506R		390757	1152303	—	80-06-10	4	145	7.8	8.0
229	207 N15 E62 25CBBC1	GUBLER CANYON CREEK	390802	1145741	—	83-06-16	G	320	—	12.5
230	EYDH509R		390815	1140250	—	80-07-11	4	350	8.9	29
231	EYDF509R		390818	1143830	—	80-07-05	4	235	8.1	17
232	207 N15 E62 23DCBD1	SOUTH SPRING	390844	1145812	—	83-06-17	G	325	—	7.0
233	EYDF510R		390909	1143403	—	80-07-06	4	230	7.9	11
234	EYDG509R		390910	1142032	—	80-07-04	4	360	7.8	15
235	EYDC503R		390922	1151657	—	80-06-07	4	115	7.6	12
236	207 N15 E62 23AAAD1	NORTH SPRING	390922	1145747	—	83-06-17	G	420	—	5.5
237	EYDC511R		390925	1152755	—	80-06-11	4	295	8.8	11
238	EYDE508R		390928	1145335	—	80-07-07	4	270	8.1	13
239	EYDG513R		390931	1141733	—	80-07-08	4	560	8.4	21
240	EYDG515R		390932	1141606	—	80-07-04	4	580	7.7	18

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
201	—	1.7	13.5	—	—	—	—	3.8	0.2	—	—
202	—	13.9	38.2	—	—	—	—	27	0.3	—	—
203	—	4.1	7.6	—	—	—	—	5.1	0.1	—	—
204	—	13.8	13.8	—	—	—	—	6.6	0.2	—	—
205	—	12	26.6	—	—	—	—	19.2	0.2	—	—
206	—	9	10	—	—	—	—	4.6	0.1	—	—
207	—	0.9	3.3	—	—	—	—	1.8	—	—	—
208	—	0.8	3.3	—	—	—	—	2.2	—	—	—
209	—	4.1	14.9	—	—	—	—	7.4	0.1	—	—
210	—	4.4	6	—	—	—	—	4.0	—	—	—
211	—	—	10.6	—	—	—	—	7.3	0.1	—	—
212	—	—	3	—	—	—	—	1.9	—	—	—
213	—	5.6	5.1	—	—	—	—	4.3	—	—	—
214	—	3.2	4.9	—	—	—	—	3.2	—	—	—
215	—	5.1	10	—	—	—	—	4.4	0.1	—	—
216	—	13	95.4	—	—	—	—	27.8	0.4	—	—
217	—	6.2	5.7	—	—	—	—	3.5	0.1	—	—
218	—	10.5	12.1	—	—	—	—	5.3	0.1	—	—
219	—	4.6	12.8	—	—	—	—	5.1	0.2	—	—
220	—	6	19	3.0	100	—	12	4.0	0.2	—	140
221	—	15.1	26.4	—	—	—	—	38.7	0.1	—	—
222	—	8.7	16.6	—	—	—	—	32.9	—	—	—
223	—	1.3	9.6	—	—	—	—	3.7	0.2	—	—
224	—	27.6	20.2	—	—	—	—	78.4	—	—	—
225	—	3.5	5.1	—	—	—	—	2.8	0.1	—	—
226	—	8.3	10.6	—	—	—	—	21.8	—	—	—
227	—	1	2.9	—	—	—	—	1.9	—	—	—
228	—	3.4	12.5	—	—	—	—	5.3	0.1	—	—
229	—	—	—	—	—	—	—	2.4	—	—	—
230	—	9.8	12	—	—	—	—	20.4	—	—	—
231	—	—	8.8	—	—	—	—	3.9	0.1	—	—
232	—	—	—	—	—	—	—	3.0	—	—	—
233	—	2.3	4.1	—	—	—	—	2.6	—	—	—
234	—	6.4	7.4	—	—	—	—	6.4	—	—	—
235	—	2.2	8.7	—	—	—	—	3.3	0.3	—	—
236	—	—	—	—	—	—	—	4.2	—	—	—
237	—	6.6	11.6	—	—	—	—	5.3	0.1	—	—
238	—	—	3.1	—	—	—	—	2.0	—	—	—
239	—	23.2	13.6	—	—	—	—	22.0	—	—	—
240	—	21.1	18.4	—	—	—	—	16.7	—	—	—

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
241	EYDE506R		390936	1145805	—	80-07-06	4	350	8.2	14
242	EYDG501R		390951	1142907	—	80-07-06	4	240	8.8	20
243	EYDF508R		390956	1143818	—	80-07-05	4	230	7.5	17
244	14/15S/70E		391019	1140450	—	35-05-31	7	390	7.2	23
245		LION SPRING	391048	1145900	7,160	—	3	—	7.2	13
246	EYDE505R		391048	1145900	—	80-07-06	4	320	8.4	14
247	EYDF507R		391051	1143948	—	80-07-05	4	275	6.5	14
248	EYDG507R		391052	1142224	—	80-07-07	4	470	7.9	19
249	EYDG516R		391100	1141623	—	80-07-08	4	400	8.9	24
250	EYDA502R		391111	1155116	—	80-06-07	4	1,800	7.3	15
251	EYDF506R		391150	1144400	—	80-07-01	4	330	5.7	13
252	2/15S/70E		391210	1140455	—	46-07-17	7	390	7.2	23
253	EYDG502R		391212	1142740	—	80-07-06	4	290	7.8	22
254	EYDF505R		391212	1144055	—	80-07-01	4	250	6.7	14
255	EYDB501R		391215	1153012	—	80-06-02	4	300	7.4	13
256	EYDH511R		391219	1140332	—	80-07-12	4	230	8.5	24
257	EYDC509R		391239	1152756	—	80-06-11	4	460	8.7	11
258	EYDG508R		391244	1142118	—	80-07-07	4	460	7.9	17
259	EYDG514R		391250	1141854	—	80-07-08	4	550	7.9	18
260	EYDB502R		391306	1153040	—	80-06-02	4	325	7.7	11
261	179 N16 E63 29AAAA1	MURRY SPRING, STEPTOE VALLEY	391345	1145355	—	83-06-14	G	360	7.7	12.5
262	EYDG503R		391350	1142802	—	80-07-06	4	90	8.2	15
263		KENNECOTT COPPER CO	391415	1150105	—	76-05-27	7	—	8.2	—
264		KENNECOTT COPPER CO	391415	1150105	—	77-08-01	7	—	—	—
265	EYDF511R		391427	1143630	—	80-07-06	4	245	8.1	18
266	EYDF504R		391447	1144121	—	80-07-01	4	370	7.7	12
267	EYDC510R		391449	1152821	—	80-06-11	4	380	7.8	6.0
268		HAMILTON	391507	1152909	—	77-05-11	7	—	7.5	—
269	EYCG505R		391517	1142910	—	80-06-27	4	80	8.4	19
270	EYCG506R		391518	1141951	—	80-06-27	4	300	9.1	22
271	EYCF522R		391555	1143618	—	80-07-05	4	70	8.6	21
272	EYCF514R		391555	1144144	—	80-07-02	4	390	7.9	17
273		1 MILE NE OF ELY	391605	1145211	—	18-04-10	7	390	7.2	13
274	EYCC503R		391621	1152808	—	80-06-10	4	270	7.8	10
275	EYCD509R		391636	1150140	—	80-06-22	4	900	7.1	19
276	EYCF513R		391645	1144306	—	80-07-02	4	440	8.2	13
277	EYCE508R		391658	1145159	—	80-06-25	4	640	8.2	25
278		LYONS SPRING	391708	1150047	7,060	—	3	—	7.3	15
279	EYCD510R		391709	1150048	—	80-06-22	4	285	7.2	11
280	EYCF523R		391709	1143651	—	80-07-05	4	80	8.5	16

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
241	—	—	2.8	—	—	—	—	2.1	—	—	—
242	—	4	5.3	—	—	—	—	3.7	0.1	—	—
243	—	2	6.9	—	—	—	—	2.4	0.1	—	—
244	84	19	36	—	366	—	116	33.0	—	—	—
245	20.7	—	3.8	5.3	223	—	175	18.6	—	—	321
246	—	1	3.4	—	—	—	—	2.6	—	—	—
247	—	8.6	4.3	—	—	—	—	1.9	—	—	—
248	—	16.5	11.6	—	—	—	—	10.9	—	—	—
249	—	8.6	15.8	—	—	—	—	33.7	—	—	—
250	—	91.4	49.4	—	—	—	—	23.2	0.4	—	—
251	—	2	6.7	—	—	—	—	3.5	—	—	—
252	85	28	36	—	390	—	84	40.0	—	—	—
253	—	5.9	6.5	—	—	—	—	4.0	—	—	—
254	—	3.4	3.9	—	—	—	—	1.8	—	—	—
255	—	9.5	11	—	—	—	—	7.3	0.1	—	—
256	—	3.1	5	—	—	—	—	4.8	—	—	—
257	—	14.9	23.3	—	—	—	—	10.6	0.2	—	—
258	—	19	10.8	—	—	—	—	10.3	—	—	—
259	—	12.6	8.4	—	—	—	—	9.1	—	—	—
260	—	7.7	8.3	—	—	—	—	4.8	0.1	—	—
261	46	18	3.6	0.7	220	—	11	2.6	0.1	8.9	—
262	—	1.1	4.3	—	—	—	—	2.8	—	—	—
263	—	50	9	6.0	12	8	101	35.0	6.6	—	188
264	—	39	272	15.0	90	8	4	6.0	0.8	—	184
265	—	3.5	4.4	—	—	—	—	1.9	—	—	—
266	—	8.6	5.6	—	—	—	—	3.9	0.1	—	—
267	—	12.8	14.4	—	—	—	—	4.8	0.1	—	—
268	—	50	9.0	6.0	339	32	26	75.0	0.1	—	668
269	—	1.4	4.4	—	—	—	—	2.1	—	—	—
270	—	8.7	6.1	—	—	—	—	4.9	—	—	—
271	—	—	5.4	—	—	—	—	2.6	0.1	—	—
272	—	4.9	4.4	—	—	—	—	2.7	0.1	—	—
273	51	23	36	—	222	—	68	7.5	—	—	—
274	—	—	10.6	—	—	—	—	1.5	—		—
275	—	16.4	37	—	—	—	—	16.0	0.1	—	—
276	—	8.6	5.0	—	—	—	—	3.4	—	—	—
277	—	20.8	19.5	—	—	—	—	10.5	0.3	—	—
278	24.1	—	3.0	1.3	234	—	10	14.1	—	—	292
279	—	6.3	13.1	—	—	—	—	4.7	0.1	—	—
280	—	2.6	4.1	—	—	—	—	2.5	—	—	—

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
281	EYCG504R		391716	1142802	—	80-06-27	4	370	9.1	28
282	EYCF512R		391737	1144235	—	80-07-02	4	420	8.2	14
283	EYCB502R		391739	1153232	—	80-06-11	4	600	7.8	20
284		RAGSDALE SPRING	391810	1145608	6,660	—	3	—	7.5	1.0
285	EYCE501R		391812	1145612	—	80-06-24	4	500	8.3	20
286		UNNAMED SPRING	391824	1142304	5,600	82-05-10	3	—	7.5	14
287		UNNAMED SPRING	391824	1142304	5,600	82-09-21	3	—	7.4	15
288		UNNAMED SPRING	391824	1142304	5,600	82-09-22	3	—	7.3	22
289	EYCF511R		391837	1144052	—	80-07-02	4	350	8.2	14
290	EYCG507R		391842	1141900	—	80-06-28	4	140	8.8	16
291	EYCF510R		391933	1144143	—	80-07-02	4	380	7.8	15
292	EYCG508R		391938	1141601	—	80-06-28	4	160	8.9	18
293	EYCC505R		391939	1152551	—	80-06-10	4	320	7.9	11
294	EYCF508R		391947	1143949	—	80-07-01	4	340	8.0	15
295	EYCC504R		391949	1152716	—	80-06-10	4	290	7.9	10
296	174 N17 E58 21BAC	SAND SPRING	391950	1152718	—	81-07-14	G	590	—	13
297		SAND SPRING	391950	1152715	—	—	3	—	7.2	11
298	174 N17 E58 2AAB	WILD-HORSE SPRING	392001	1152636	—	81-07-14	G	1,825	—	17.5
299	EYCF509R		392014	1144231	—	80-07-02	4	390	7.9	14
300		TUNNEL SPRING	392104	1152701	7,500	—	3	—	7.1	17
301	EYCE502R		392104	1145335	—	80-06-24	4	700	7.6	23
302	EYCC502R		392104	1152703	—	80-06-10	4	390	8.1	12
303		BARREL SPRING	392139	1152735	7,640	—	3	—	8.1	2.0
304	EYCF507R		392159	1144214	—	80-07-01	4	260	7.9	13
305	EYCG510R		392159	1141754	—	80-06-28	4	320	8.8	13
306		ELY WARM SPRINGS	392200	1145200	—	18-04-10	1	—	—	29
307	EYCF521R		392219	1143323	—	80-07-05	4	30	9.1	15
308	EYCF506R		392257	1144150	—	80-07-01	4	270	8.0	12
309		ELY-LACKAWANNA ZONE-LACKAWANNA HOT SPR	392300	1153900	—	65-09-21	1	—	8.0	35
310		LACKAWANNA HOT SPRINGS	392300	1154500	—	—	1	600	8.7	21
311	EYCF505R		392334	1144101	—	80-07-01	4	280	8.1	12
312	EYCA506R		392426	1155930	—	80-06-12	4	250	8.4	19
313		MCGILL SPRING	392431	1144643	—	78-08-24	G	650	7.3	18
314	EYCB501R		392431	1154018	—	80-06-10	4	300	7.1	17
315	EYCE512R		392444	1144640	—	80-06-26	4	700	7.5	30
316	EYCC506R		392449	1152427	—	80-06-10	4	390	8.1	13
317		DIVIDE SPRING	392450	1152427	7,070	—	3	—	6.8	2.0
318	EYCB503R		392524	1154049	—	80-06-11	4	600	7.9	18
319		SULPHUR SPRING	392525	1154044	6,390	—	3	—	7.7	1.0
320	EYCC501R		392535	1152837	—	80-06-10	4	380	7.9	11

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
281	—	6.2	20	—	—	—	—	4.4	0.3	—	—
282	—	10	6.8	—	—	—	—	3.5	0.1	—	—
283	—	22.2	31.4	—	—	—	—	9.2	0.1	—	—
284	22.6	—	12.6	3.5	220	—	35	30.5	—	—	388
285	—	9.0	18.4	—	—	—	—	16.7	0.1	—	—
286	63	20	9.5	1.1	224	—	17	14.0	—	—	281
287	81	24	8.6	1.0	226	—	12	9.7	—	—	244
288	50	25	11	1.3	216	—	18	12.0	—	—	209
289	—	9.6	3.9	—	—	—	—	2.4	—	—	—
290	—	9.1	5.9	—	—	—	—	4.4	—	—	—
291	—	14.2	5.1	—	—	—	—	3.5	—	—	—
292	—	6.3	7.0	—	—	—	—	4.1	—	—	—
293	—	—	11.6	—	—	—	—	1.7	—	—	—
294	—	1.1	4.5	—	—	—	—	2.9	—	—	—
295	—	—	12.5	—	—	—	—	2.3	—	—	—
296	—	—	-	—	—	—	—	—	—	—	—
297	19	—	26.5	2.3	257	—	—	18.7	—	—	440
298	—	—	-	—	—	—	—	-	—	—	—
299	—	12.9	4.5	—	—	—	—	2.6	—	—	—
300	25.5	—	30.1	1.6	257	—	13	25.9	—	—	427
301	—	—	—	—	—	—	—	—	—	—	—
302	—	—	11.9	—	—	—	—	2.0	—	—	—
303	32.9	—	47.5	1.8	270	—	—	14.1	—	—	429
304	—	8.3	4.1	—	—	—	—	2.8	—	—	—
305	—	14	8.9	—	—	—	—	5.8	—	—	—
306	51	23	—	—	222	—	68	7.5	0.7	37	314
307	—	2.1	4.1	—	—	—	—	2.6	—	—	—
308	—	9.1	4.7	—	—	—	—	2.8	—	—	—
309	32	25	—	—	148	—	83	10.0	—	—	—
310	—	—	29	—	—	—	138	20.0	—	—	420
311	—	9.0	5.3	—	—	—	—	3.5	—	—	—
312	—	3.0	14.1	—	—	—	—	3.0	—	—	—
313	73	27	18	4.1	200	—	140	17.0	0.2	19	—
314	—	18	13.2	—	—	—	—	5.7	—	—	—
315	—	8.8	7.2	—	—	—	—	5.5	—	—	—
316	—	—	13.8	—	—	—	—	3.3	—	—	—
317	19.3	—	0.5	3.9	233	—	2	5.3	—	—	724
318	—	18.8	39.2	—	—	—	—	17.8	0.2	—	—
319	22.1	—	20.6	5.1	231	—	54	33.9	—	—	413
320	—	—	11.2	—	—	—	—	2.4	—	—	—

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
321	EYCD507R		392541	1150254	—	80-06-21	4	165	7.9	11
322		PAINE SPRING	392543	1144007	7,470	—	3	—	7.1	10
323	EYCF520R		392551	1143019	—	80-07-05	4	50	8.8	18
324	EYCA501R		392558	1155514	—	80-06-11	4	320	7.0	19
325	EYCE503R		392600	1145927	—	80-06-24	4	250	8.3	23
326	EYCC507R		392609	1151922	—	80-06-11	4	290	8.1	15
327	EYCA507R		392609	1155355	—	80-06-12	4	490	8.3	15
328	EYCA505R		392615	1155831	—	80-06-12	4	360	7.9	14
329	EYCA509R		392616	1154929	—	80-06-13	4	380	8.6	17
330		GLEASON SPRING NO. 1	392623	1150243	7,840	—	3	—	7.1	12
331	EYCC508R		392624	1151906	—	80-06-11	4	250	8.0	14
332	EYCD506R		392624	1150247	—	80-06-21	4	100	8.1	9.0
333		INDIAN SPRING	392626	1150905	6,740	—	3	—	7.5	13
334		WILLOW SP ILLIPAH QUAD	392631	1151902	—	73-06-12	7	—	7.3	
335	EYCD508R		392634	1150415	—	80-06-21	4	125	8.2	9.0
336		BLACK PITCH SPRING	392645	1155606	7,240	—	3	—	8.3	20
337	EYCD505R		392654	1150211	—	80-06-21	4	130	8.0	8.0
338	EYCE504R		392703	1145830	—	80-06-24	4	300	8.2	23
339	EYCA504R		392710	1155848	—	80-06-12	4	400	7.8	12
340	EYCA508R		392723	1155619	—	80-06-12	4	270	8.6	17
341	EYCE505R		392729	1145903	—	80-06-24	4	260	8.1	19
342	EYCF504R		392730	1143827	—	80-06-29	4	300	7.7	14
343	179 N18 E65 03DA	MCGILL SPRING	392731	1143828	—	81-07-15	G	380	6.8	26
344	EYCF519R		392731	1143008	—	80-07-04	4	30	8.7	20
345	EYCH501R		392739	1140214	—	80-07-18	4	440	8.5	19
346	EYCD504R		392739	1150227	—	80-06-21	4	130	7.4	11
347	EYCD503R		392742	1150306	—	80-06-20	4	120	7.5	11
348	EYCE506R		392800	1145939	—	80-06-24	4	440	7.9	24
349		RA WARDEN	392802	1155634	—	69-04-08	7	—	7.8	—
350		EUREKA WTR SYSTEM SPL NO. 7	392802	1155634	—	72-01-13	7	—	8.3	—
351		EUREKA WATER ASSOC.	392802	1155634	—	74-04-22	7	—	7.9	—
352	EYCF518R		392803	1143607	—	80-07-04	4	40	8.8	13
353	EYCA503R		392806	1155727	—	80-06-12	4	290	7.6	15
354	EYCE515R		392809	1145323	—	80-06-26	4	480	8.0	25
355	EYCG501R		392818	1142947	—	80-06-27	4	50	8.4	15
356	EYCD502R		392831	1150326	—	80-06-20	4	175	7.1	11
357	EYCF515R		392836	1143008	—	80-07-04	4	60	7.9	17
358	EYCF517R		392842	1143514	—	80-07-04	4	50	8.9	15
359	EYCE513R		392843	1145408	—	80-06-26	4	520	7.8	30
360	EYCB504R		392844	1153228	—	80-06-19	4	900	8.0	22

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
321	—	4.0	13.4	—	—	—	—	3.4	0.1	—	—
322	13.3	—	17.3	1.3	237	—	22	11.7	—	—	226
323	—	1.3	3.9	—	—	—	—	3.0	—	—	—
324	—	5.9	17.1	—	—	—	—	7.5	0.1	—	—
325	—	2.9	9.2	—	—	—	—	4.0	0.1	—	—
326	—	—	10.8	—	—	—	—	2.0	—	—	—
327	—	20.4	14.9	—	—	—	—	3.9	—	—	—
328	—	9.4	12.1	—	—	—	—	1.9	—	—	—
329	—	10.1	19.2	—	—	—	—	9.4	0.1	—	—
330	6.9	—	3.9	2.1	141	—	8	13.8	—	—	153
331	—	—	10.7	—	—	—	—	1.9	—	—	—
332	—	1.8	11.8	—	—	—	—	3.6	0.1	—	—
333	16.3	—	15.1	5.2	202	—	22	24.2	—	—	312
334	47	8.0	21	5.0	183	—	19	12.0	0.1	—	266
335	—	2.8	11.1	—	—	—	—	2.7	0.2	—	—
336	41	—	12	5.2	128	—	1	3.5	—	—	189
337	—	2.0	12.1	—	—	—	—	3.7	0.1	—	—
338	—	2.4	10.7	—	—	—	—	3.7	0.1	—	—
339	—	12	13.8	—	—	—	—	3.1	—	—	—
340	—	3.5	16.2	—	—	—	—	3.6	0.1	—	—
341	—	2.9	13.5	—	—	—	—	6.7	0.1	—	—
342	—	9.8	5.5	—	—	—	—	4.4	—	—	—
343	51	16	8.2	2.3	220	—	19	3.2	0.2	21	—
344	—	—	4.1	—	—	—	—	2.7	—	—	—
345	—	10	16.9	—	—	—	—	13.9	0.2	—	—
346	—	2.9	16.9	—	—	—	—	3.5	0.1	—	—
347	—	—	15.8	—	—	—	—	2.6	0.1	—	—
348	—	2.1	10.8	—	—	—	—	4.3	0.1	—	—
349	—	30.2	—	—	315	—	145	16.0	0.1	—	556
350	—	16	—	—	234	—	40	9.0	0.1	—	286
351	—	7.0	272	15.0	90	8	10	13.0	0.5	—	—
352	—	1.0	5.1	—	—	—	—	2.7	—	—	—
353	—	4.9	19.8	—	—	—	—	5.2	0.1	—	—
354	—	10.4	8.7	—	—	—	—	6.8	0.1	—	—
355	—	2.4	5.1	—	—	—	—	3.1	0.1	—	—
356	—	—	14.3	—	—	—	—	3.2	0.1	—	—
357	—	1.0	4.5	—	—	—	—	2.9	—	—	—
358	—	—	4.5	—	—	—	—	2.9	—	—	—
359	—	16.2	12.1	—	—	—	—	6.6	0.2	—	—
360	—	16.2	72.3	—	—	—	—	47.1	0.3	—	—

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
361		INDIAN SPRING	392847	1154739	6,040	82-07-20	3	—	7.5	24
362		INDIAN SPRING	392847	1154739	6,040	82-09-21	3	—	7.5	12
363	19/53-25D		392901	1155652	—	58-05-07	7	476	7.6	—
364	EYCA510R		392902	1155122	—	80-06-13	4	270	8.9	19
365	EYCF516R		392903	1143012	—	80-07-04	4	30	8.4	20
366	EYCC509R		392905	1151627	—	80-06-11	4	450	7.9	18
367	EYCF501R		392914	1144316	—	80-06-28	4	650	6.8	14
368	EYCE507R		392919	1145827	—	80-06-24	4	440	7.9	24
369	EYCA502R		392921	1155526	—	80-06-11	4	125	7.2	12
370	EYCF502R		392926	1143807	—	80-06-29	4	360	7.7	14
371	EYCF503R		392926	1144009	—	80-06-29	4	340	7.8	13
372	EYCE514R		392933	1145428	—	80-06-26	4	510	7.7	25
373		ROBBERS ROOST SPRING	392950	1151646	7,080	—	3	—	7.5	19
374	EYBF515R		393004	1143303	—	80-06-25	4	80	8.4	13
375		FAD SHAFT	393019	1155905	6,904	53-01-21	R	467	7.8	—
376	EYBA502R		393027	1155713	—	80-06-12	4	110	8.0	20
377	EYBH512R		393054	1140700	—	80-07-12	4	420	6.9	14
378	EYBA504R		393126	1155038	—	80-06-12	4	275	8.1	21
379	EYBF514R		393134	1143500	—	80-06-25	4	90	7.7	12
380	EYBA503R		393136	1155421	—	80-06-12	4	300	8.3	20
381		POISON SPRING	393201	1155004	7,680	—	3	—	7.6	18
382	179 N19 E62	CAMPBELL-STEPTOE SOS-AMS	393212	1145450	—	81-07-15	G	420	7.0	24
383		STEPTOE WARM SPRING	393219	1145452	—	78-08-25	G	470	7.3	24
384		6 MILE NW OF MCGILL	393228	1145437	—	18-04-09	7	—	-	—
385	EYBF510R		393236	1143926	—	80-06-24	4	170	9.1	13
386	EYBF519R		393242	1144442	—	80-06-26	4	380	7.7	19
387		THIRTY MILE SPUHALDE	393248	1151302	—	67-08-15	7	230	7.7	9
388		SUMMIT SPRING	393258	1151346	7,000	—	3	—	7.9	22
389	EYBF521R		393301	1144219	—	80-06-26	4	310	8.8	17
390			393307	1151306	7,200	67-08-15	R	230	7.7	9
391	20N / 60E		393313	1151309	—	67-08-15	7	230	7.7	9
392	178A N20 E60 33C1	THIRTY MILE SPRING	393320	1151305	—	83-08-23	G	230	8.0	8.5
393	EYBF511R		393336	1143754	—	80-06-24	4	110	8.8	14
394	EYBF512R		393348	1143348	—	80-06-24	4	260	8.3	13
395	EYBF509R		393359	1143609	—	80-06-24	4	160	8.8	19
396		LAS VEGAS SPRINGS	393408	1150827	—	51-11-02	7	390	7.2	23
397	EYBA508R		393417	1155524	—	80-06-13	4	170	8.9	21
398	EYBF520R		393420	1143956	—	80-06-26	4	210	8.6	14
399			393441	1144124	7,800	65-10-17	R	207	7.9	5.5
400		BARREL SPRING	393455	1153829	5,930	—	3	—	9.9	3

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
361	48	17	20	1.8	195	—	36	20.0	—	--	—
362	52	18	19	1.9	199	—	40	18.0	—	—	—
363	—	10	15	1.2	242	—	41	6.7	0.4	39	—
364	—	7.4	13	—	—	—	—	3.0	—	—	—
365	—	—	4.4	—	—	—	—	2.4	—	—	—
366	—	—	12.2	—	—	—	—	2.2	—	—	—
367	—	14.6	15	—	—	—	—	8.8	0.2	—	—
368	—	10.9	8.9	—	—	—	—	6.5	—	—	—
369	—	4.6	15.5	—	—	—	—	4.3	0.1	—	—
370	—	9.7	5.2	—	—	—	—	3.1	—	—	—
371	—	8.6	4.8	—	—	—	—	3.6	—	—	—
372	—	15.9	13.5	—	—	—	—	6.6	0.2	—	—
373	6.1	—	4.4	2.2	157	—	6	11.5	—	—	180
374	—	—	14	—	—	—	—	2.5	—	—	—
375	52	26	8.3	1.4	238	—	38	10.0	—	11	—
376	—	1.6	16.8	—	—	—	—	6.4	0.1	—	—
377	—	6.6	16.3	—	—	—	—	13.0	0.6	—	—
378	—	4.5	12.2	—	—	—	—	3.2	0.1	—	—
379	—	2.1	13	—	—	—	—	2.3	—	—	—
380	—	3.1	13.6	—	—	—	—	3.1	0.1	—	—
381	65	—	10	1.7	186	—	46	4.0	—	—	283
382	52	20	9.3	3.6	260	—	19	4.1	0.3	19	—
383	51	21	9.3	3.4	250	—	18	4.4	0.4	19	—
384	52	21	15	—	268	—	20	4.5	—	—	320
385	—	2.1	13.7	—	—	—	—	2.9	0.1	—	—
386	—	6.5	21.1	—	—	—	—	6.8	0.2	—	—
387	26	5.1	60	1.8	124	—	8.7	6.9	—	—	—
388	5	—	4.6	9.2	174	—	14	14.6	—	—	216
389	—	3.2	16.1	—	—	—	—	3.2	—	—	—
390	26	5.1	—	—	124	—	8.7	6.9	—	—	—
391	—	5.1	—	—	124	—	8.7	6.9	—	—	—
392	29	4.6	13	2.8	140	—	7.9	5.5	0.2	43	—
393	—	3.8	13.8	—	—	—	—	2.3	0.1	—	—
394	—	4.3	12.9	—	—	—	—	2.9	0.1	—	—
395	—	2	13.3	—	—	—	—	2.3	—	—	—
396	51	23	36	—	222	—	68	7.5	—	—	—
397	—	—	13.9	—	—	—	—	4.1	0.1	—	—
398	—	1.8	15.3	—	—	—	—	2.9	0.1	—	—
399	31	2.8	—	—	109	—	29	4.4	—	—	—
400	12.6	—	25.7	9.6	179	—	30	36.0	—	—	295

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (μs/cm)	pH (units)	Temperature (°C)
401	EYBB505R		393456	1153828	—	80-06-16	4	410	9.5	22
402		UNNAMED SPRING	393514	1154530	5,850	82-05-11	3	—	7.5	13
403		UNNAMED SPRING	393514	1154530	5,850	82-07-20	3	—	7.5	13
404		UNNAMED SPRING	393514	1154530	5,850	82-09-21	3	—	7.3	13
405	EYBA505R		393629	1155412	—	80-06-14	4	160	8.5	15
406	EYBF513R		393637	1143544	—	80-06-24	4	250	8.5	15
407	EYBF516R		393639	1143349	—	80-06-25	4	260	8.9	14
408	EYBA509R		393646	1155348	—	80-06-13	4	390	7.8	19
409		MUD SPRING NO. 2	393703	1145342	6,900	—	3	—	7.6	11
410	EYBE503R		393711	1145356	—	80-07-02	4	310	8.1	12
411	EYBE502R		393753	1145211	—	80-07-02	4	280	8.2	11
412	EYBB506R		393802	1153538	—	80-06-16	4	340	8.5	15
413	EYBF508R		393808	1143848	—	80-06-23	4	80	7.8	10
414	EYBF507R		393837	1143823	—	80-06-23	4	450	8.3	17
415	EYBH511R		393839	1141219	—	80-07-01	4	390	8.0	13
416	EYBF503R		393851	1144216	—	80-06-22	4	440	8.3	20
417		17 MILE NORTH OF MCGILL	393906	1144602	—	17-08-21	7	—	—	—
418		ROCK SPRING	393913	1153640	7,680	—	3	—	7.6	1.0
419	EYBB507R		393914	1153641	—	80-06-16	4	255	8.3	14
420	EYBD501R		393920	1150029	—	80-06-16	4	310	8.1	12
421	EYBF505R		393927	1143936	—	80-06-22	4	140	8.4	13
422	EYBF506R		393929	1143849	—	80-06-22	4	250	8.3	20
423		MONTE NEVA HOT SPRINGS	393933	1144817	—	77-05-16	G	540	7.9	78
424		MONTE NEVA HOT SPRINGS	393933	1144817	—	78-08-26	G	560	6.7	78
425	EYBF504R		393933	1143951	—	80-06-22	4	280	8.6	16
426	EYBA506R		393938	1155235	—	80-06-14	4			
427	178 N21 E63 24	MONTE NEVA	393946	1144823	—	74-01-01	G	522	6.4	79
428	178 N21 E63 24	MONTE NEVA	393946	1144823	—	78-01-01	G	—	7.0	91
429	EYBH503R		393958	1140434	—	80-06-30	4	700	8.3	14
430		MELVIN HOT SPRING (MONTE NEVA)	394000	1150600	—	17-08-21	1	—	—	79
431		MONTE NEVA HOT SPRINGS	394001	1144826	—	80-08-21	G	580	6.1	77
432	EYBA507R		394009	1155131	—	80-06-14	4	110	9.2	12
433	EYBH504R		394024	1140900	—	80-06-30	4	320	8.5	10
434	EYBB504R		394104	1153943	—	80-06-15	4	250	8.8	16
435	EYBH510R		394208	1141332	—	80-07-01	4	260	8.1	13
436	EYBB503R		394222	1153935	—	80-06-15	4	240	7.2	16
437	EYBF517R		394228	1143445	—	80-06-25	4	290	8.6	16
438	EYBB508R		394230	1153456	—	80-06-17	4	550	7.9	20
439	EYBF502R		394235	1144026	—	80-06-22	4	340	8.3	19
440	EYBH509R		394259	1141442	—	80-07-01	4	250	7.9	11

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
401	—	12.9	27.8	—	—	—	--	20.2	0.1	—	—
402	57	13	12	1.1	155	--	42	7.0	—	—	—
403	49	12	12	1.3	157	—	41	5.9	—	—	—
404	54	11	14	1.3	149	—	38	5.6	—	—	—
405	—	4.4	12.3	—	—	—	--	3.2	0.1	—	—
406	—	5.9	13.8	—	—	--	--	3.1	0.1	—	—
407	—	4.6	13.4	—	—	—	—	2.9	—	—	—
408	—	5.2	13.2	—	—	—	—	4.0	0.1	—	—
409	15	—	3.5	1.3	127	—	16	14.6	--	—	265
410	—	—	3.8	—	--	—	--	1.9	—	—	—
411	—	—	3.4	—	—	—	--	2.1	0.1	—	—
412	—	3.1	19.4	—	—	—	—	8.4	—	--	—
413	—	—	12.1	—	—	—	—	2.6	—	--	—
414	—	10	17.1	—	—	—	—	5.1	0.1	—	—
415	—	6.6	14.6	—	—	—	--	14.6	0.2	—	—
416	—	2.5	25.8	—	—	—	—	7.5	0.1	—	—
417	67	21	—	—	324	—	25	6.6	—	—	349
418	14.8	—	3.2	2.5	177	—	10	14.1	—	--	261
419	—	4.6	15.3	—	—	—	—	5.8	0.1	—	—
420	—	—	10.8	—	—	—	—	1.7	—	—	—
421	—	—	13.3	—	—	—	—	3.0	0.1	—	—
422	—	2.5	14.8	—	—	—	--	2.9	0.1	—	—
423	69	20	18	8.6	310	—	27	3.6	1.4	49	—
424	69	19	16	5.6	310	—	23	3.2	1.1	49	—
425	—	5.5	13.5	—	—	—	—	3.1	—	—	—
426	—	—	12.2	—	—	—	—	3.5	0.1	—	—
427	63	21	16	5.6	—	—	26	5.0	1	52	—
428	76	22	20	5.0	296	—	14	4.4	—	134	—
429	—	22.4	18.7	—	—	—	—	36.3	—	—	—
430	13	1.1	162	—	375	8	17	17.0	0.8	100	518
431	—	—	—	—	—	—	—	—	—	—	—
432	—	—	11.6	—	—	--	—	2.2	—	—	—
433	—	15.8	10	—	—	—	--	10.0	0.3	—	—
434	—	3.6	12.9	—	—	—	—	4.4	0.1	—	—
435	—	2.5	13.1	—	—	--	—	9.3	0.1	—	—
436	—	3	13	—	—	—	--	3.4	—	--	—
437	—	3.5	12.5	—	—	—	--	2.4	—	—	—
438	—	6.9	31.2	—	—	—	—	8.3	0.1	—	—
439	—	8.9	11.4	—	—	—	—	2.6	0.1	—	—
440	—	7.3	11.2	—	—	—	—	9.2	0.1	—	—

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
441	EYBA510R		394307	1155426	—	80-06-14	4	230	7.8	12
442		25 MI NW OF MCGILL	394318	1150054	—	18-05-22	7	—	—	18.9
443	EYBB502R		394322	1154127	—	80-06-15	4	495	8.0	24
444	EYBF501R		394348	1144013	—	80-06-22	4	350	7.4	20
445		FAIRY DELL SPRING	394350	1154826	6,720	—	3	—	8.0	2.0
446	EYBB501R		394405	1153416	—	80-06-15	4	560	7.6	18
447		MUD SPRING	394406	1153415	7,100	—	3	—	7.1	15
448	EYBH508R		394411	1141351	—	80-07-01	4	190	8.4	11
449	EYBE501R		394412	1145445	—	80-06-30	4	240	8.9	14
450	EYBH507R		394414	1141312	—	80-07-01	4	100	8.6	12
451		MOORE SPRING	394415	1153732	7,040	—	3	—	8.4	2.0
452	EYBF518R		394429	1143542	—	80-06-24	4	220	8.6	12
453		ORCHARD CANYON SPRIN	394459	1153726	6,680	—	3	—	8.8	16
454		NINE MILE SPRING	394520	1145714	7,000	—	3	—	6.6	1.0
455	EYAH504R		394600	1140410	—	80-07-08	4	340	8.2	10
456	EYAF510R		394606	1143428	—	80-06-23	4	560	8.1	21
457		CHUB SPRING	394613	1154047	5,860	—	3	—	7.8	2.0
458	EYAH501R		394627	1141240	—	80-07-03	4	900	7.3	13
459	EYAG509R		394633	1142838	—	80-07-02	4	300	7.1	13
460		BORCHERT JOHN (WARM) SPRING	394640	1145059	—	78-08-25	G	430	7.8	18
461	EYAH503R		394647	1140441	—	80-07-08	4	400	8.1	13
462	EYAB504R		394655	1153952	—	80-06-15	4	400	8.8	21
463	EYAF502R		394702	1144351	—	80-06-19	4	360	8.4	25
464		SHELBOURNE SPRINGS	394714	1144117	6,600	—	6	420	8.3	24.6
465	EYAF511R		394720	1143406	—	80-06-23	4	300	8.6	15
466	EYAF509R		394757	1143103	—	80-06-22	4	280	8.3	21
467		SCHELLBOURNE SPRING	394759	1143624	6,900	82-09-21	3	—	8.1	22
468	EYAF504R		394806	1143959	—	80-06-20	4	380	8.6	20
469	EYAA505R		394814	1155021	—	80-06-16	4	155	8.9	25
470	EYAF507R		394814	1143300	—	80-06-21	4	1,400	8.1	20
471	EYAH502R		394823	1140816	—	80-07-08	4	350	7.5	11
472	EYAF505R		394840	1143801	—	80-06-20	4	380	8.2	18
473	EYAF508R		394844	1143453	—	80-06-21	4	310	8.8	19
474		GIOCOECHEA, SIMONSEN SPS	394847	1153630	5,880	66-10-25	6	—	8.6	22.6
475	EYAB501R		394903	1154435	—	80-06-14	4	340	8.3	13
476	EYAC502R		394946	1152344	—	80-06-21	4	360	8.5	24
477	EYAG507R		394947	1142324	—	80-06-28	4	350	7.4	11
478		CAMPBELL RANCH SPRINGS, NORTH GR	395000	1153600	—	18-04-09	1	—	—	24.4
479	EYAA501R		395023	1154511	—	80-06-15	4	190	8.2	17
480		COLD SPRING	395023	1154511	6,120	—	3	—	8.5	1.0

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
441	—	3.4	13.2	—	—	—	—	3.6	0.1	—	—
442	—	19	—	—	227	—	13	3.5	—	32	231
443	—	8.2	28.8	—	—	—	—	7.4	0.2	—	—
444	—	10.8	12.1	—	—	—	—	2.5	0.1	—	—
445	9.9	—	4.4	2.7	127	—	9.0	9.8	—	—	219
446	—	—	34.1	—	—	—	—	11.8	0.2	—	—
447	17.5	—	18.1	3.4	273	—	43	20.6	—	—	488
448	—	2.4	6.6	—	—	—	—	5.5	0.1	—	—
449	—	—	3.1	—	—	—	—	2.3	—	—	—
450	—	3.5	8.6	—	—	—	—	6.2	0.1	—	—
451	12.1	—	4.5	5.7	20	—	31	13.6	—	—	290
452	—	7.8	11.9	—	—	—	—	2.5	—	—	—
453	20	—	5.2	—	232	—	—	16.9	—	—	317
454	24.7	—	8	1.7	216	—	14	28.7	—	—	342
455	—	5.7	5	—	—	—	—	4.2	—	—	—
456	—	6.8	17	—	—	—	—	5.6	0.1	—	—
457	18.2	—	6.9	9.4	206	—	—	18.1	—	—	333
458	—	17.7	8.5	—	—	—	—	18.1	—	—	—
459	—	4.1	10.5	—	—	—	—	11.7	—	—	—
460	49	21	4.8	1.0	180	—	17	4.0	0.1	11	—
461	—	6.7	6.9	—	—	—	—	7.2	—	—	—
462	—	7.2	26.8	—	—	—	—	7.3	0.2	—	—
463	—	7.6	13.4	—	—	—	—	2.6	0.1	—	—
464	56.4	16.7	4.3	1.4	232	—	18.8	3.6	0.2	22.8	—
465	—	6.7	11.5	—	—	—	—	2.5	—	—	—
466	—	4.0	18.9	—	—	—	—	4.8	—	—	—
467	57	19	4.2	0.7	203	—	19	4.6	—	—	—
468	—	9.4	12	—	—	—	—	2.7	0.1	—	—
469	—	1.4	11.4	—	—	—	—	3.2	0.1	—	—
470	—	39.4	83.1	—	—	—	—	70.1	—	—	—
471	—	8.4	11.2	—	—	—	—	16.6	0.1	—	—
472	—	4.2	14.8	—	—	—	—	7.9	—	—	—
473	—	2.1	19.1	—	—	—	—	7.4	0.1	—	—
474	—	—	—	—	—	—	—	—	—	—	—
475	—	8.0	18.2	—	—	—	—	8.3	—	—	—
476	—	7.3	9.3	—	—	—	—	10.1	—	—	—
477	—	19.6	17.2	—	—	—	—	7.2	0.1	—	—
478	52	21	—	—	268	—	20	4.5	—	32	268
479	—	2.1	11.3	—	—	—	—	3.3	—	—	—
480	21.5	—	1.0	2.1	150	—	—	17.5	—	—	24

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
481	EYAG508R		395027	1142216	—	80-06-28	4	470	8.3	12
482	EYAG502R		395127	1142639	—	80-06-25	4	85	7.9	16
483	EYAG506R		395136	1142823	—	80-06-27	4	250	8.0	10
484	EYAG504R		395212	1142048	—	80-06-25	4	430	7.9	19
485	EYAG501R		395238	1142228	—	80-06-25	4	450	6.3	20
486	178 N23 E63 06	UNN HOT SP CHERRY CREEK	395342	1145327	—	74-01-01	G	692	7.8	61
487	23/54-3DB		395403	1155220	—	66-05-17	7	583	7.8	—
488	153 N23 E54 03DB	THOMPSON RANCH SPRING	395415	1155243	—	81-07-14	G	555	6.9	21
489	EYAB503R		395431	1153402	—	80-06-15	4	370	8.6	16
490	EYAA506R		395433	1155041	—	80-06-17	4	140	8.0	16
491	EYAA507R		395446	1155221	—	80-06-17	4	230	8.5	21
492		DIAMOND SPRING	395448	1155221	5,820	—	3	—	7.8	1.0
493		CORTA SPRING	395455	1154729	6,850	—	3	—	7.4	2.0
494		WILLOW SPRING	395518	1152721	6,900	—	3	—	7.0	1.0
495	EYAA510R		395538	1155303	—	80-06-17	4	330	8.7	30
496	EYAB505R		395548	1153114	—	80-06-18	4	140	6.6	6.0
497		CHERRY SPRING	395550	1153113	7,540	—	3	—	7.6	1.0
498	EYAG503R		395556	1142450	—	80-06-25	4	380	7.6	19
499	EYAB506R		395623	1153335	—	80-06-18	4	235	7.3	19
500	EYAB507R		395635	1153428	—	80-06-18	4	340	7.9	18
501		WATER CANYON SPRING	395639	1153400	7,440	—	3	—	7.6	12
502	EYAB502R		395646	1154056	—	80-06-14	4	400	8.3	15
503	EYAA508R		395656	1155221	—	80-06-17	4	310	8.1	22
504	EYAA502R		395718	1154614	—	80-06-16	4	90	8.8	20
505		RUBY MT MINING DIS	395723	1153435	—	76-06-11	7	—	8.2	—
506		PORTUGUESE SPRING	395829	1154823	7,440	—	3	—	7.6	2.0
507	EYAD501R		395853	1151007	—	80-06-10	4	200	8.3	16
508		PONY SPRING	395856	1150949	7,800	-	3	—	3.5	20
509	EYAA503R		395858	1154722	—	80-06-16	4	110	8.4	25
510	EYAA509R		395905	1155126	—	80-06-17	4	100	8.7	21
511	EYAG505R		395933	1142515	—	80-06-27	4	100	7.2	7.0
512		HEADWATERS SPRING	395938	1154633	6,040	64-10-21	R	361	7.6	17.5
513	EYAA504R		395946	1154549	—	80-06-16	4	310	7.9	24
514	25N / 55E	HUNTINGTON	395958	1154536	—	64-10-20	7	361	7.6	17.2
515	EKDE502R		400020	1144736	—	79-07-19	4	350	7.9	18
516		CRACKER JOHNSON NO. 2	400034	1153521	6,760	70-08-25	7	627	7.9	18
517	EKDB520R		400036	1153522	—	79-08-04	4	490	7.6	16
518		CRACKER JOHNSON SPRI	400036	1153522	6,760	—	3	—	8.4	1.0
519			400055	1155029	7,880	77-09-12	7	235	7.1	9.0
520		LITTLE JOE SPRING	400106	1154845	7,020	—	3	—	8.7	2.0

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
481	—	20.1	21.4	—	—	—	--	12.0	0.1	—	—
482	—	—	11.1	—	—	—	--	2.8	—	—	--
483	—	3.7	15.5	--	—	--	--	3.7	—	--	—
484	—	15.3	13.6	—	—	—	--	5.7	0.1	—	—
485	—	14.5	12.1	—	—	--	—	4.6	0.1	—	--
486	12	0.3	150	4.8	—	--	1	16.0	1.2	105	—
487	—	22	23	5.1	318	—	51	6.5	0.4	19	—
488	69	22	21	4.6	320	—	53	6.9	0.4	21	—
489	—	7.3	12.3	—	—	—	—	4.8	0.1	—	—
490	—	--	11.9	—	—	—	—	2.5	0.1	—	—
491	—	—	—	—	—	—	—	—	—	—	—
492	1.4	—	0.3	—	30	—	—	3.4	—	—	41
493	23.8	—	5.0	3.1	240	—	—	13.8	—	—	327
494	24.3	—	12.7	2.2	200	—	—	21.3	—	—	326
495	—	—	20.5	—	—	—	—	12.8	0.1	—	—
496	—	4.1	12.5	—	—	—	—	3.4	—	—	—
497	5.6	—	1.4	—	130	—	—	5.3	—	—	81
498	—	6.7	20.5	—	—	—	—	5.0	0.1	—	--
499	—	1.3	13.6	—	—	—	—	2.7	—	—	—
500	—	4.7	15.5	—	—	—	—	3.9	0.2	—	—
501	18.4	—	2.9	—	209	—	9.0	12.6	—	—	278
502	—	3.1	14.9	—	—	—	—	4.6	0.1	—	—
503	—	1.8	20.2	—	—	—	—	12.8	0.1	—	—
504	—	2.0	12.5	—	—	—	—	3.8	0.1	—	—
505	—	11	272	15.0	90	8	43	2,475	0.9	—	297
506	2.0	—	1.7	1.5	66	—	1	12.1	—	—	62
507	—	5.7	19.6	—	—	—	—	6.9	0.2	—	—
508	8.9	—	7.3	7.5	219	—	--	20.1	—	—	268
509	—	—	13.9	—	—	—	—	4.3	0.1	—	—
510	—	2.1	13.4	—	—	—	—	4.1	—	—	—
511	—	2.7	13.4	—	—	—	—	3.1	—	—	—
512	52	9.6	9.2	—	196	—	17	7.9	—	—	273
513	—	2.9	11.9	—	—	—	—	3.7	—	—	—
514	—	9.6	—	—	196	—	17	7.9	—	—	—
515	—	11.7	10.9	—	—	—	—	12.2	—	—	—
516	55	11	60	1.8	252	—	55	46	—	—	—
517	—	18.8	54.2	—	—	—	—	49.7	0.3	—	—
518	18.4	—	29.2	2.7	265	—	47	37.6	—	—	496
519	—	—	—	—	—	—	—	—	—	—	—
520	12.4	—	5.7	0.1	167	—	8	22.6	—	—	228

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (µs/cm)	pH (units)	Temperature (°C)
521	EKDA501R		400120	1154833	--	79-08-01	4	375	7.7	18
522	EKDA503R		400203	1155109	—	79-08-03	4	395	7.9	19
523	EKDA502R		400213	1154823	—	79-08-02	4	450	7.6	16
524	EKDB519R		400228	1154438	—	79-08-04	4	470	8.3	25
525	25N / 55E	HUNTINGTON	400236	1154431	—	64-10-22	7	572	7.9	8.9
526			400245	1154423	5,820	64-10-22	R	572	7.9	9.0
527	EKDE508R		400301	1145253	—	79-07-21	4	310	7.5	10
528		CHERRY SPRING	400325	1153718	6,880	70-08-25	7	507	7.8	13
529	EKDB505R		400330	1153044	—	79-08-01	4	330	8.5	25
530	EKDF501R		400345	1143513	—	79-07-16	4	340	7.7	22
531		UPPER CHERRY SPRING	400348	1153710	6,940	70-08-25	7	513	7.8	20
532	EKDB517R		400350	1153710	—	79-08-04	4	410	7.7	18
533	EKDB504R		400404	1153140	—	79-08-01	4	275	8.6	23
534		PETE HOLLUM SPRING	400418	1154123	6,150	71-01-26	7	451	7.8	9
535	EKDB518R		400419	1154123	—	79-08-04	4	400	7.8	17
536		PETE HOLM SPRING	400419	1154123	6,240	—	3	—	7.2	1
537		NARCISE SPRING	400431	1153150	6,000	70-08-24	7	312	7.9	10
538		OWEN SPRINGS-PARIS RANCH	400438	1145919	6,350	67-08-18	7	350	8	10
539		WATER SPOUT	400446	1153619	8,000	70-08-25	7	304	7.8	9
540	EKDB516R		400447	1153619	—	79-08-04	4	240	7.8	16
541	EKDE507R		400448	1145419	—	79-07-21	4	185	7.7	10
542			400455	1145916	6,300	67-08-18	R	350	8	10
543	EKDE509R		400504	1145929	—	79-07-21	4	235	7.7	11
544	EKDB514R		400515	1154018	—	79-08-04	4	360	8	20
545		WALKER SPRING	400515	1154019	6,420	70-08-25	7	432	8	12
546		LOOKOUT SPRNG	400527	1142703	—	82-05-10	3	—	7.4	11
547		LOOKOUT SPRNG	400527	1142703	—	82-07-20	3	—	7.5	19
548		LOOKOUT SPRNG	400527	1142703	—	82-09-22	3	—	7.1	15
549		COLLAR AND ELBOW SPRING	400537	1143839	—	78-08-24	G	360	8.6	10
550		BUCK SPRING	400538	1153750	6,920	70-08-25	7	405	7.9	11
551	EKDB515R		400538	1153749	--	79-08-04	4	350	7.7	20
552		COLLAR AND ELBOW SPRING	400545	1143747	9,900	—	6	418	7.7	22
553		WILLOW CREEK	400546	1154029	6,390	70-08-25	7	613	7.7	14
554	EKDB503R		400645	1153150	—	79-08-01	4	260	7.9	15
555	26/54-23C	BAILEY SPRING	400701	1155133	—	65-09-03	7	296	7.3	—
556			400729	1145810	6,350	67-08-18	R	350	8	14
557		COUNTY LINE	400735	1153147	6,000	70-08-24	7	300	7.8	11
558	EKDC507R		400742	1151828	—	79-07-31	4	400	8.1	18
559		COUNTY LINE NORTH	400750	1153130	6,000	70-08-26	7	295	8	11
560		HOUSE SPRING	400751	1153948	6,450	71-03-11	7	487	8	2

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
521	--	13.2	13	--	--	--	--	24	0.1	--	--
522	--	7.5	10.1	--	--	--	--	12.1	0.2	--	--
523	--	9.6	24.2	--	--	--	--	23.1	0.2	--	--
524	--	10.7	32.9	--	--	--	--	31.4	0.4	--	--
525	--	17	--	--	164	--	105	14	--	--	--
526	53	17	28	--	164	--	105	14	--	--	--
527	--	3.4	9.4	--	--	--	--	10.5	0.1	--	--
528	42	37	18	1.0	303	--	31	11	--	--	--
529	--	9.5	4.8	--	--	--	--	11.3	--	--	--
530	--	5.1	14.7	--	--	--	--	23.8	0.1	--	--
531	49	45	16	0.8	340	--	22	9.5	--	--	--
532	--	32.8	32.6	--	--	--	--	33.1	--	--	--
533	--	9.3	3.8	--	--	--	--	10.9	--	--	--
534	47	21	22	0.9	248	--	22	17	--	--	--
535	--	24.8	37	--	--	--	--	51.7	--	--	--
536	0.2	--	12.5	2.3	215	--	--	24.7	--	--	340
537	35	19	5.0	0.8	206	--	8.6	2.6	--	--	--
538	42	19	8.2	1.4	220	--	12	6.2	--	--	--
539	51	7	4.5	0.5	195	--	6.4	2.8	--	--	--
540	--	11.2	19.9	--	--	--	--	25.1	0.1	--	--
541	--	4.9	6.5	--	--	--	--	8.7	--	--	--
542	42	19	--	--	220	--	12	6.2	--	--	--
543	--	9.8	7.8	--	--	--	--	9.0	0.1	--	--
544	--	24.5	30.8	--	--	--	--	30.9	--	--	--
545	47	22	14	1.1	263	--	14	10	--	--	--
546	26	5.4	19	4.4	122	--	17	40	--	--	--
547	30	6.5	21	5.1	118	--	21	34	--	--	--
548	26	5.6	21	6.4	118	--	18	37	--	--	--
549	30	16	9.0	2.9	140	7	20	6.1	0.2	16	--
550	59	13	11	0.5	252	--	15	7.7	--	--	--
551	--	9.1	27.5	--	--	--	--	29.7	--	--	--
552	49.3	17.2	8.4	3.9	226	--	20.1	5.0	0.3	24.4	--
553	69	35	18	3.3	402	--	20	8.9	--	--	--
554	--	2.3	3.4	--	--	--	--	10.8	--	--	--
555	--	6.6	--	--	136	--	24	15	--	--	--
556	40	19	--	--	208	--	14	6.5	--	--	--
557	38	17	3.2	0.6	201	--	6.2	2.8	--	--	--
558	--	5.7	28.5	--	--	--	--	46.2	0.1	--	--
559	40	13	4.9	0.5	188	--	6.8	2.3	--	--	--
560	60	29	8.9	1.3	338	--	11	5.2	--	--	--

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Site identification[1]	Name	Latitude	Longitude	Altitude (feet above sea level)	Date	Source of data[2]	Specific conductance (μs/cm)	pH (units)	Temperature (°C)
561	EKDB511R		400752	1153950	—	79-08-03	4	560	7.8	22
562		FLYN AND HAGER	400811	1153152	6,320	70-06-10	7	253	7.8	7
563	EKDB502R		400811	1153151	—	79-08-01	4	100	8.9	25
564	EKDA504R		400840	1155707	—	79-08-04	4	2,550	8	24
565	EKDC506R		400920	1151730	—	79-07-31	4	370	8.4	24
566	EKDB508R		400927	1153556	—	79-08-02	4	390	8.2	20
567	EKDB501R		400947	1153019	—	79-08-01	4	230	7.6	15
568		FLYN SPRING	400947	1153020	6,160	71-01-26	7	307	7.9	7.0
569		TWIN SPRINGS	401001	1145923	6,350	67-08-19	7	360	8.2	14
570	EKDE505R		401017	1145929	—	79-07-20	4	250	8.1	12
571		MITCHELL CREEK (N. FORK)	401022	1153659	6,920	70-08-25	7	453	8.1	12
572	EKDB507R		401022	1153657	—	79-08-02	4	390	8.1	19
573		FISH HATCHERY SPRING	401104	1152927	5,980	70-08-24	7	287	7.9	11
574		BELMONT SPRING	401137	1153923	6,280	70-08-25	7	505	7.8	17
575	EKDB506R		401138	1153921	—	79-08-02	4	410	7.9	16

TABLE 2.--Selected water-quality data for sampled springs in and adjacent to White Pine County--Continued

Analysis number	Milligrams per liter										
	Calcium	Magnesium	Sodium	Potassium	Bicarbonate	Carbonate	Sulfate	Chloride	Fluoride	Silica	Dissolved solids
561	—	50	20.3	—	—	—	—	26.5	0.2	—	—
562	46	6.5	2.4	0.5	182	—	4.1	1.2	—	—	—
563	—	12.3	3.1	—	—	—	—	10	—	—	—
564	—	42.3	571.6	—	—	—	—	1,106	—	—	—
565	—	12.3	32.3	—	—	—	—	41.2	0.2	—	—
566	—	12.5	2.8	—	—	—	—	9.2	—	—	—
567	—	7.1	2.7	—	—	—	—	9.7	—	—	—
568	49	11	3	0.5	207	—	5.3	1.2	—	—	—
569	44	21	8.2	1.4	222	—	13	4.9	—	—	—
570	—	10.7	7.8	—	—	—	—	9.9	—	—	—
571	59	28	5.7	1.1	319	—	9.1	3.0	—	—	—
572	—	15.2	5	—	—	—	—	10.5	—	—	—
573	36	15	2.6	0.6	186	—	9.1	1.3	—	—	—
574	65	22	14	1.3	326	—	17	7.1	—	—	—
575	—	15.3	10.9	—	—	—	—	16.5	0.1	—	—

[1] For local (Nevada) identifications (for example, "207 N09 E62 19AC1"), see text section titled "U.S. Geological Survey Site Designations"; for other designations (for example, "LUBF503R") see numbered reference in "Source of data" column.

[2] G, U.S. Geological Survey WATSTORE (Water-Data Storage and Retrieval System) files; R, reconnaissance-series reports published by Nevada Department of Conservation and Natural Resources (see text section titled "Hydrologic Data"). Numbered items, see "References Cited" (back of report).

TABLE 3.--Discharge data for springs in the carbonate terrane, eastern Nevada (spring locations are shown in figure 1)

[--, no data available.]

U.S. Geological Survey site designations[1]		Spring name and (or) owner	County code[2]	Altitude (feet above sea level)	Geologic unit code[3]	Initial measurement date	Most recent measurement date[4]	Measured flow (gallons per minute)		Number of measurements made	Source of data[5]
Local identification	Standard identification							Maximum	Minimum		
219 S14 E65 16ABDD1	361419114425501	MUDDY	003	1,770	110VLFL	08/01/82	08/02/82	3,580	3,470	2	G
215 S18 E67 12DDAD1	362238114263601	ROGERS	003	1,590	300CRBN	02/05/68	08/03/82	780	696	2	G
230 S18 E50 03ADBA1	362513116192001	CRYSTAL POOL	023	2,195	110VLFL	08/06/82		2,680	--	1	G
230 S17 E50 22ABAA1	362802116193101	LONG STREET	023	2,310	110VLFL	08/06/82		848	--	1	G
230 S17 E50 15ABDA1	362846116193201	ROGERS	023	2,280	110VLFL	08/06/82		583	--	1	G
219 S14 E65 21AAAB1	364234114425201	WARM SPRINGS W	003	1,790	110VLFL	07/31/82		1,640	1,540	1	G
219 S14 E65 21AAAA1	364236114424301	WARM SPRINGS E	003	1,790	110VLFL	08/02/82		1,230	--	1	G
219 S14 E65 16BD1	364316114431901	MUDDY RIVER WEST	003	1,794	110VLFL	08/01/82		763	--	1	G
219 S14 E65 16AB1	364329114431101	MUDDY RIVER MAIN	003	1,791	110VLFL	08/01/82		1,580	--	1	G
209 S05 E60 36DD	373301115104201	ASH	017	3,610	344SEVY	05/23/66		7,630	--	1	7
209 S04 E60 22	373453115132001	HIKO	017	3,890	344SMNS	03/10/62		2,400	--	1	10
209 S05 E60 10A	373655115130201	CRYSTAL	017	3,840	344SMNS	04/15/63		5,300	--	1	7
203 S02 E68 04AB	374829114223801	PANACA WARM	017	4,760	374HGPK	05/22/66		4,888	3,600	1	7
207 N06 E60 25BDAD1	382106115105001	MOON RIVER	023	5,220	112ALVFO	01/01/49	07/25/82	1,800	900	2	G,2
207 N06 E61 18AADA1	382259115090901	HOT CREEK	023	5,225	112ALVFO	04/16/35	07/26/82	6,900	4,800	4	G
207 N07 E62 33BCCC1	382517115012001	FLAG no. 3	023	5,290	110VLFL	07/24/82		1,100	--	1	B
207 N07 E62 33BCCB1	382522115012001	FLAG no. 2	023	5,280	110VLFL	07/42/82		1,100	--	1	B
207 N07 E62 33BCAB1	382526115011401	FLAG no. 1	023	5,290	110VLFL	07/25/82		1,000	--	1	B
207 N07 E62 28ABDC1	382623115003901	BUTTERFIELD	023	5,320	350SLRN	01/01/49	07/25/82	1,100	900	3	G
173B N08 E57 27DACC1	383103115325301	BUTTERFIELD	023	4,750	110VLFL	01/24/35	01/15/82	440	200	2	G
173B N08 E55 14BCBB1	383256115453301	HAY CORRAL	023	4,770	110VLFL	11/01/66	01/17/82	450	390	4	G
173B N08 E55 15ADDB1	383259115460301	LOCKES REYNOLDS	023	4,770	110VLFL	11/01/66	01/18/82	590	220	2	G
173B N08 E55 15ACBD1	383311115461501	LOCKES BIG	023	4,820	110VLFL	03/05/66	01/17/82	640	360	2	G,10
173B N08 E55 15AAAA1	383323115454401	LOCKES NORTH	023	4,805	110VLFL	06/01/57	01/18/82	250	76	3	G
173B N08 E57 11DDB1	383346115313801	BLUE EAGLE	023	4,765	100VLFL	02/07/34	01/14/82	2,300	900	5	G,7
207 N09 E61 32DABC1	383541115081801	MOORMAN	023	5,295	112ALVFO	01/15/66	07/23/82	1,900	260	2	G
207 N09 E62 19DB1	383726115025101	EMIGRANT	023	5,480	112ALVFO	07/31/75	07/24/82	1,350	1,000	2	G,10
183 N10 E63 34CDAD1	384048114395701	GEYSER	017	6,800	370PLCN	08/05/63	07/27/82	630	540	2	G
183 N10 E65 19CBCC1	384238114434601	NORTH CREEK	033	7,100	370SLLK	08/04/63	07/27/82	770	710	2	G
207 N11 E62 04AABA1	385158115000401	LUND	033	5,500	100VLFL	05/09/47	01/18/81	4,300	3,100	2	G

TABLE 3.--Discharge data for springs in the carbonate terrane, eastern Nevada--Continued

U.S. Geological Survey site designations[1]		Spring name and (or) owner	County code[2]	Altitude (feet above sea level)	Geologic unit code[3]	Initial measurement date	Most recent measurement date[4]	Measured flow (gallons per minute)		Number of measurements made	Source of data[5]
Local identification	Standard identification							Maximum	Minimum		
207 N12 E61 12DCAD1	385439115033701	UNKNOWN	033	5,620	110VLFL	01/20/82		9.0	--	1	G
207 N12 E61 12BDAD1	385507114574801	COLD	033	6,020	100VLFL	10/27/10	01/18/82	780	460	MANY	G,10
207 N12 E61 12DBDD1	385530115044601	NICHOLAS	033	5,700	100VLFL	10/27/10	01/19/82	1,100	1,020	MANY	G
207 N23 E61 12DCCD1	385539115045702	ARNOLDSON SPRING	033	5,700	100VLFL	10/27/10	01/19/82	1,800	1,380	MANY	G
207 N12 E61 02ACAB1	385540115045701	PRESTON BIG	033	5,700	100VLFL	10/27/10	12/09/82	3,900	2,790	MANY	G,10
207 N12 E62 02DBCB1	385542115045801	INDIAN RANCH	033	--	100VLFL	01/20/82		290	--	1	G
173B N12 E56 05ABCB1	385552115421001	LITTLE WARM	023	5,590	110CLDD	03/30/72	01/13/82	270	200	2	G
207 N12 E61 02ABAB1	385614115045001	UNKNOWN	033	5,745	110VLFL	07/22/82		14	--	1	G
173B N13 E56 32BACD1	385650115421301	BIG WARM	023	5,605	110CLDD	04/16/63	01/13/82	6,400	5,200	7	G
155A N11 E53 08B1	391637116021801	FISH CREEK	023	6,100	110VLFL	01/01/65		2,400	--	1	G
153 N23 E54 03DBD1	395415115524301	THOMPSON RANCH	011	5,840	100VLFL	09/21/65	03/10/82	1,000	34	5	G,10
153 N24 E52 23DAC1	395628116042801	SHIPLEY HOT	011	5,812	110VLFL	09/18/52	10/03/81	6,750	2,500	6	G

[1] See section in text titled "U.S. Geological Survey Site Designations."

[2] County code: 003 Clark; 011, Eureka; 017, Lincoln; 023, Nye; 033, White Pine. (U.S. Geological Survey, 1975b).

[3] The geologic unit code designates geology observed at spring mouth: 100VLFL, Cenozoic valley-fill deposits; 110CLDD, Quaternary consolidated deposits; 110VLFL, Quaternary valley fill; 112ALVFO, Pleistocene alluvial-fan deposits, older; 300CRBN, Paleozoic carbonate rocks; 344SEVY, Middle Devonian Sevy dolomite; 344SMNS, Middle Devonian Simonson dolomite; 350SLRN, Silurian system; 370PLCN, Cambrian Pole Canyon limestone; 370SLLK, Cambrian Stella Lake quartzite; 374HGPK, Middle Cambrian Highland Peak limestone (U.S. Geological Survey 1975).

[4] Where no date is indicated, recorded maximum flow represents a single measurement made on date indicated in column labeled "Initial measurement date."

[5] B, Peter Perfido (U.S. Bureau of Land Management, written communication, 1984); G, U.S. Geological Survey WATSTORE (Water-Data Storage and Retrieval System) files; numbered items, see "References Cited" (back of report).

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