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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Hydrologic and chemical data for wells, springs, and streams in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.*

By

B. P. Robinson, William Thordarson, and W. A. Beetem

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HYDROLOGIC AND CHEMICAL DATA FOR WELLS, SPRINGS, AND STREAMS IN CENTRAL NEVADA, Tps. 1-21 N. and Rs. 41-57 E.

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ABSTRACT

Studies of published and unpublished geologic, hydrologic, and chemical-quality data for ground and surface water in central Nevada, Tps. 1 to 21 N. and Rs. 41 to 57 E., Mount Diablo base and meridian, reveal the following information:

Rocks exposed in central Nevada are of sedimentary and igneous origin and range in age from Cambrian to Recent. Rocks of Paleozoic age generally are carbonate or clastic, and rocks of Mesozoic age generally are clastic and granitic. Rocks of Tertiary age principally are volcanic, and the valley fill of Quaternary age is alluvial-fan and lake deposits. The rocks are folded, faulted, and highly fractured.

Precipitation is closely related to altitude. In general, as the altitude increases the precipitation increases.

Most of the streamflow in the valleys originates as snow in the nearby mountains. The streams generally flow only in response to snowmelt and to flash-flood-producing storms.

Important chemical quality characteristics of the ground and surface water in central Nevada are hardness, expressed as $CaCO_3$, generally in excess of 120 ppm, and a dissolved-solids content of less than 500 ppm. The principal chemical types of both ground and surface waters are sodium and calcium bicarbonates.

The major uses of ground water in central Nevada are for irrigation and stock. Frequency of use of wells in decreasing order is: irrigation, stock, domestic, industrial, municipal, and observation. Of the 606 wells tabulated, 29 have multiple uses. Frequency of use of spring water in decreasing order is: stock, irrigation, domestic, and public facilities. Of the 135 springs tabulated, 5 have multiple uses.

INTRODUCTION

In October 1966 a Hydrologic Task Force, consisting of the USGS (U. S. Geological Survey), CWRR (Center for Water Resources Research, Univ. of Nevada), and PAL (Palo Alto Lab of Isotopes, Inc.) (formerly Hazleton-Nuclear Science Corporation) was established to advise the U. S. Atomic Energy Commission on problems of hydrologic safety related to underground nuclear testing in central Nevada. This report contains data that were assembled by the USGS before the Hydrologic Task Force was organized. It represents the first phase in the evaluation of the hydrologic environment of central Nevada. The Hydrologic Task Force program is being extended from this initial phase of hydrologic studies.

Hydrologic Task Force's scope of work

The Hydrologic Task Force is primarily concerned with six water problems related to nuclear testing in central Nevada. A description of each problem follows:

Hydrologic contamination

Ground water in some of the basins of the area is under artesian pressure, and much of the natural discharge of ground water is by springs and seeps in the lowest parts of the basins. Explosions that produce sinks and high-collapse chimneys or that reactivate faults in the interior of these basins could provide avenues for underground circulation and, therefore, increase surface discharge of contaminated water. Designation of small sites for individual tests will increase the probability of off-site contamination.

Well damage

Under some conditions of well construction, physical environment, and distance from shot point, nuclear explosions may result in extensive damage claims related to wells. A documentation of well structure and physical environment both preshot and postshot is desirable to judge these claims.

Water supplies

Adequate water supplies must be developed for drilling, construction projects, and camp sites.

Water yield

The water yield of rocks is critical to the safe mining of chambers. Also critical is the rate at which some types of radioactive contaminants are transported by underground circulation of water.

Containment

Nuclear testing in deep holes will require containment within certain stratigraphic limits to eliminate or minimize the circulation of contaminated water between interconnected aquifers. Interconnection of aquifers is caused by the creation of a rubble chimney whose outer limits cut across two or more aquifers and thus provide a circulatory channel between adjacent aquifers. Inadvertent venting could result in surface-water and shallow ground-water contamination.

Geochemistry

The chemical and radiochemical quality of water in the vicinity of an underground nuclear test must be determined preshot and monitored postshot to determine whether the test has contaminated the water. The chemical composition of the rock affects the rate at which different radionuclides in solution can move away from the source of contamination.

Scope of this report

This report summarizes published and unpublished hydrologic, geologic, and chemical data for wells, springs, and streams in central Nevada, Tps. 1 to 21 N. and Rs. 41 to 57 E., Mount Diablo base and meridian.

SELECTED WELLS AND SPRINGS IN CENTRAL NEVADA

Hydrologic, geologic, and chemical data for wells and springs in central Nevada are from various sources such as the State of Nevada, Water Resources Reconnaissance Series; U. S. Geological Survey, Water-Supply Papers and Professional Papers; Nevada State Engineer's office records; and a few others. The hydrologic and the geologic data are summarized in tables 1, 2, and 5 (all tables follow References). All well and spring locations (tables 1 and 2) are plotted on plate 1. Some locations coincide, however.

No attempt was made to separate the thermal springs (23) from the other springs. However, available temperatures are listed for spring water (table 2). For the reader who is particularly interested in thermal springs the paper by White and Brannock (25), though outside the area of this report, may be helpful.

NUMBERING SYSTEM FOR WELLS AND SPRINGS IN NEVADA

The numbering system that the U. S. Geological Survey uses for wells and springs in Nevada is based on the Mount Diablo base line and meridian network of surveys established by the General Land Office (now known as the U. S. Bureau of Land Management) (9). A typical number is composed of four segments. The first segment indicates the township. If the township number is followed by an "N",

the township is north of the Mount Diablo base line; if the township number is followed by an "S", the township is south of the Mount Diablo base line. The second segment, separated from the first by a slant, indicates the range east of the Mount Diablo meridian. The third segment, separated from the second by a hyphen, indicates the section and the location of the well or spring within the section. Lowercase letters--a, b, c, and d--assigned in a counter-clockwise direction, designate the northeast, northwest, southwest, and southeast quarter sections, quarter-quarter sections, and quarter-quarter-quarter sections (160-acre, 40-acre, and 10-acre tracts). The fourth segment, a number separated from the third segment by a hyphen, indicates the chronological order in which the wells were drilled. If two or more wells are in the subdivision, consecutive numbers are assigned in the order in which the well data are recorded. Thus, well number 3N/42-04aa-3 (fig. 1) designates the third well recorded in the $NE\frac{1}{4}NE\frac{1}{4}$ sec. 4, T. 3 N., R. 42 E.

GEOLOGY

Rocks exposed in central Nevada are of sedimentary and igneous origin and range in age from Cambrian to Recent. Rocks of Paleozoic age are divided into two contrasting facies along a north-south line approximately at the crest of the Toquima Range (16, 30). The eastern facies is mostly miogeosynclinal carbonate rocks and orthoquartzite, and the western facies is dominantly eugeosynclinal graywacke, chert, argillite, and volcanic rocks. These strata of Paleozoic age, about 20,000 feet thick, crop out in only about 5 percent of the total area of central Nevada. Although Paleozoic rocks are poorly exposed in the area, they almost certainly underlie the younger volcanic and sedimentary rocks at depths to 10,000 feet below the land surface. Exceptions include areas where intrusive granites of Mesozoic age are present.

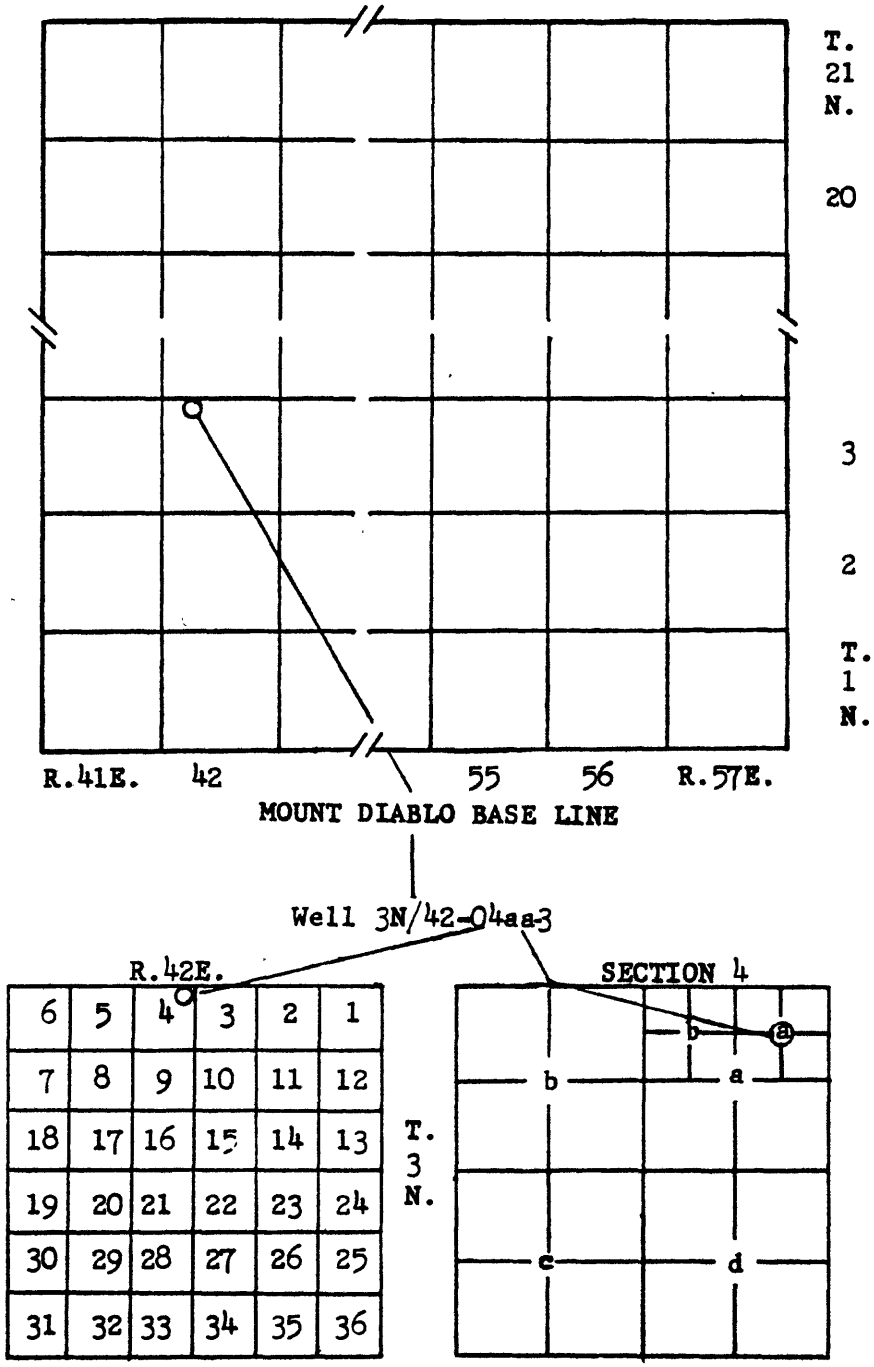

Figure 1.--Numbering system for wells and springs in Nevada.

Rocks of Mesozoic age have contrasting lithologic characteristics in the western and eastern parts of the areas. In the western part, rocks of Mesozoic age consist of scattered outcrops of sedimentary marine clastic rocks of Triassic and Jurassic age and some limestone and granitic stocks and batholiths of Jurassic age. In the eastern part, they consist of continental clastic rocks of early Cretaceous age and some fresh-water limestone, which probably are best preserved in the valley deposits where they were protected from erosion. Some scattered granitic stocks of late Cretaceous and Eocene age are found in the eastern part of the area. Rocks of Mesozoic age crop out in only 1 percent of the total area, because they were eroded away, have been covered by younger rocks, or were never deposited.

Rocks of Cenozoic age consist of Tertiary volcanic rocks and Tertiary and Quaternary valley fill. The volcanic rocks include principally welded tuff and lava flows, and, to a lesser extent, bedded zeolitized, ash-fall tuff. Cooling joints and tectonic fractures are prominent in the welded tuffs, but these fractures do not pass easily through the less competent, basal, non-welded parts of the tuffs. These volcanic rocks average about 3,500 feet in thickness and have a maximum thickness of about 6,000 feet. Volcanic rocks crop out in about 40 percent of the area, and underlie alluvium in much of the valley areas.

The valley fill of Tertiary and Quaternary age is composed of alluvial-fan deposits, which are principally sand and gravel, and lake deposits, which are predominantly silt and clay. The valley fill is as much as 4,000 feet thick and crops out in about 55 percent of the area in central Nevada.

The structural geology of the area shows at least two periods of deformation during the Paleozoic Era and at least one period of deformation during the Mesozoic Era. These Paleozoic and Mesozoic rocks are folded, faulted, and highly fractured. During the Tertiary and Quaternary Periods, the area was faulted and deformed into the present basin and range topography.

PRECIPITATION

The long-term average annual precipitation data for central Nevada (table 3) indicate that precipitation is closely related to altitude (2, 3, 7, and 19). In general, the data show that as the altitude increases the precipitation increases.

SURFACE WATER

Surface water in central Nevada (table 4) is derived from precipitation within the drainage area (7, 19, and 26). Precipitation is slight on the valley floors, and most of the streamflow in the valleys originates in the mountains where the precipitation occurs. The streams generally flow only in response to snowmelt and flash-flood-producing storms.

GROUND WATER

Ground water in central Nevada occurs in three principal rock types: (a) valley fill of Cenozoic age, (b) volcanic rocks of Tertiary age, and (c) carbonate and clastic rocks of Paleozoic age. In general, ground water in the area is recharged from precipitation on the mountains and the alluvial fans and is stored in the valley fill. Between some valleys, interbasin movement or discharge of ground water occurs through fractures or solution openings in the carbonate rocks and through fractures and interflow zones in volcanic rocks.

Sand and gravel of the valley fill is largely unconsolidated and transmits water through interstitial pore spaces. Some wells produce 500 to 1,000 gallons per minute, although they penetrate less than 200 feet of saturated material.

Table 5 shows the percentage of wells that penetrated different aquifers. A majority of wells (87.7 percent) penetrated valley fill only and about 70 percent of the wells that reached consolidated rocks were terminated in volcanic rocks.

Water-level contours

The preliminary water-level contours shown in plate 1 represent many aquifers in both the valley fill and the bedrock.. These water-level contours were drawn to show the gross picture of water levels in central Nevada. However, plate 1 is subject to modification at a later date because such factors as artesian water, perched water, and interbasin flow of ground water have not yet been evaluated. In drawing this water-level map, only enough data were used to draw a preliminary map; many other water levels can be found in table 1. One important conclusion from the water-level map is that the water levels seem to be nearly parallel to the topography in the mountains as well as in the valleys.

Uses of wells and springs

Wells and springs are tabulated according to use in tables 6 and 7, respectively. An examination of the tables shows that the major uses of ground water in central Nevada are for irrigation and stock. Frequency of use of wells in decreasing order is: irrigation, stock, domestic, industrial, municipal, and observation. Of the 606 wells tabulated, 29 have multiple uses. Frequency of use of spring water in decreasing order is: stock, irrigation, domestic, and public facilities. Of the 135 springs tabulated, 5 have multiple uses.

CHEMICAL QUALITY

Table 8 reveals that ground water in central Nevada is generally hard (hardness as $CaCO_3$ >120 ppm). Many of the water samples have dissolved-solids contents of less than 500 ppm; however, several samples have dissolved-solids contents in the range from 500 to 1,000 ppm, and one sample has a dissolved-solids content of 370,000 ppm. All samples, except one brine sample, have sodium-adsorption ratios of less than 50. Twenty of 75 "percent-sodium" values exceed 50.

Table 9 reveals that surface water in central Nevada also is generally hard and has dissolved-solids contents of less than 500 ppm. Sodium-adsorption ratios range from 0.1 to 3.1, and most of the "percent-sodium" values are less than 50.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E.

Explanation

Latitude and longitude: Values are reported to the nearest 10 seconds.

Well number: See text for explanation of well and spring numbering system.

County:

Esmeralda:	009
Eureka:	011
Lander:	015
Nye:	023
White Pine:	033

Depth of well: Depths are in feet below land surface. Reported depths are given to nearest foot. Measured depths are given to nesrest tenth of a foot.

Casing: The "Type" column lists one of the following (where available): casing material (concrete, steel, etc.); gauge number (in parentheses); or wall thickness (inches).

Aquifer:

Qal	(alluvium and other valley fill)
Pc	(Paleozoic carbonate)
Pcl	(Paleozoic clastic)
Tv	(volcanic)
pC	(Precambrian)

Altitude: Altitude of land surface at well, above mean sea level.

Water level: Reported depths are given to nearest foot, above mean sea level. Measured depths are given to nearest tenth of a foot.

Yield: Rate is the gallons pumped per minute or the unrestricted flow from artesian wells.

Temperature: Temperature of water.

Type of pump: C, centrifugal; J, jet; P, plunger, piston, or cylinder; S, submersible; T, turbine.

Use: D, domestic (a source that furnishes drinking and culinary water for one or several households); I, irrigation; Ind, industrial (includes wells used for highway construction); M, municipal; S, stock; Obs, observation; and U, unused.

Sources of data: Numbers refer to references listed on pages ~~16-18~~ 11-13. UR means unpublished records of the Nevada State Engineer's office and the U. S. Geological Survey. For many of the wells, unpublished records were the sole source of data.

Remarks: CA, chemical analysis available; DL, drillers log available (number after DL is Nevada State Engineer's log number); DW, dug well; and RC, radiochemical analysis available.

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E.

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
		1N/41-26d (Proj.)	009	--	125-400(?)	--	8	125 - 400	Qal	4,901	61	--	--	--	--	--	--	--	--	13	Gottschalk well, p. 148, ref. 13.
		1N/42-33d	009	--	160	--	--	--	Qal	4,970(?)	148	--	40	9	Pre-1917	--	--	--	Ind	13	DW. Klondike well, p. 148, ref. 13.
37 57 10	116 49 50	1N/46-09bd	023	1-12-59(?)	184	0.188	6	0-184	Qal	--	136	--	--	--	--	--	--	--	S	UR	DL 4,442.
		1N/46-09c-1	023	--	184	--	6	--	Qal	1/ 5,395	129.9 128.2	5-22-56 6-19-62	--	--	--	--	--	P	S	4	DL.
		1N/46-25c-1	023	--	--	--	8	--	Qal	5,360	107.1	6-19-62	--	--	--	--	--	S	Ind	4	
37 53 20	116 52 00	1N/46-31cd	023	1-7-59	117	.188	6	0-117	Qal	--	75	--	--	--	--	--	--	--	S	UR	DL 4,441.
		1N/46-31d-1	023	--	117	--	6	--	Qal	1/ 5,295	90	5-22-56	--	--	--	--	--	P	S	4	DL.
		1N/47-30a-1	023	--	--	--	14	--	Qal	5,400	102.1	5-22-56	--	--	--	--	--	P	S	4	
37 53 20	116 29 10	1N/49-34c	023	6-27-64	127	3/16	8	0-127	Qal	--	17(?)	--	<10	--	--	--	--	--	Ind	UR	DL 8,029.
37 55 30	116 00 30	1N/53-27bb	023	9-29-48	200	--	6	0-190	Qal	1/ 4,980	180(?)	--	--	--	--	--	--	--	S	UR	DL 792.
37 54 00	116 03 10	1N/53-31d	023	11-21-51	272	1/4	5	0-272	Qal	1/ 5,050	205	--	12	--	--	--	50	--	S	UR	DL 1,804.
37 54 20	116 02 20	1N/53-32caa	023	5-5-57	292	1/2	8	0-292	Qal	--	225	--	--	--	--	--	--	--	D	UR	DL 3,772.
		2N/43-18 (Proj.)	023	7-23-49	65	(No Casing)			Tv	--	Dry	--	--	--	--	--	--	--	U	UR	DL 1,005.
		2N/43-18 (Proj.)	023	7-21-49	225	(No Casing)			Tv	--	Dry	--	--	--	--	--	--	--	U	UR	DL 1,004.
38 02 40	117 04 10	2N/44-08b-1	023	--	264	--	--	--	Qal	--	Dry	--	--	--	--	--	--	--	--	4	
38 00 30	117 03 10	2N/45-21c-1	023	--	325	--	8	--	Qal	--	--	--	--	--	--	--	--	P	S	4	
		2N/46-15d-1	023	--	325	--	8	--	Qal	--	--	--	--	--	--	--	--	P	S	4	
		2N/47-34d-1	023	--	--	--	--	--	Qal	--	--	--	--	--	--	--	--	--	U	4	
		2N/50-34c-1	023	--	--	--	6	--	Qal	6,350	11.7	10-17-65	--	--	--	--	--	--	S	26	
38 01 10	115 59 20	2N/53-22da	023	9-30-62	180.5	1/2	6	0-180	Qal	1/ 4,880	100	--	--	--	--	--	--	--	S	UR	DL 6,777.
38 01 10	115 59 20	2N/53-22da	023	9-18-62	180	3/8	6	0-180	Qal	1/ 4,880	120(?)	--	--	0	--	--	--	--	S	UR	DL 7,969.
		3N/41-10c	009	--	210	--	--	--	Qal	1/ 4,980	202	8-31-13	--	--	--	--	--	--	U	13	DW. CAA See W16, p. 148, ref. 13.
		3N/41-26	023	10-24-63	179	1/4	8	0-179	Tv	1/ 5,200	20	--	--	--	--	--	--	--	M	UR	DL 7,682.
		3N/41-26	023	10-20-63	312	1/4	8	0-150	Tv	1/ 5,200	9	--	--	--	--	--	--	--	M	UR	DL 7,683.
		3N/41-28	009	11-1949	310	3/16	6	0-310	Qal	--	240	--	10	--	--	--	50	--	S	UR	DL 1,212.
		3N/42-04-1 (Proj.)	023	8-25-49	330	(12)	15	0-6	Tv	1/ 5,650	140	--	2	--	--	--	--	--	--	UR	DL 1,158.

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		3N/42-04-2	023	8-6-49	30	(12)	8	0-30	Qal, Tv	1/5,680	15	--	25	--	--	--	--	--	--	UR	DL 1,159.
		3N/42-04aa-3	023	8-7-49	30	(12)	8	0-30	Qal, Tv	--	--	--	--	--	--	--	--	--	--	UR	DL 1,160.
		3N/42-11 (Proj.)	023	7-29-49	330	3/16	15	0-6(?)	Tv	1/6,020	132	--	--	--	--	--	--	--	D	UR	DL 1,017.
		3N/42-11 (Proj.)	023	7-31-49	35	--	8	0-20	Qal	1/5,970	13	--	--	--	--	--	--	--	D	UR	DL 1,016 or 1,011.
		3N/42-21 (Proj.)	023	11-20-63	312	1/4	8	0-150	Tv	1/5,630	9	--	--	--	--	--	--	--	M	UR	DL 7,499.
		3N/42-32 (Proj.)	023	10-24-63	179	1/4	8	0-180 (?)	Tv	1/5,520	20	--	--	--	--	--	--	--	M	UR	DL 7,446.
38 06 30	117 03 10	3N/44-16c-1	023	--	540	--	6	0-540	Qal	1/5,487	480	5-18-47	--	--	--	--	72	--	S	4, UR	DL 69.
38 04 00	117 00 20	3N/44-35d-1	023	--	--	--	10	--	Qal	1/5,380	377.9 383.2	11-9-56 12-1-60	--	--	--	--	--	P	S	4	
		3N/46-10c-1	023	--	--	--	8	--	Qal	1/5,850	28.9	6-20-62	--	--	--	--	--	P	S	4	
		3N/48-32b-1	023	--	150	--	6	--	Qal	1/5,550	109.9	6-20-62	--	--	--	--	--	P	S	4	DL.
		3N/51-19c-1	023	8-10-48	320	--	6	0-315	Qal	1/5,450	280	1964	--	--	--	--	--	--	S	26, UR	DL 672. Formerly 3N/50-15ac.
38 09 00	115 56 00	3N/54-05cb	023	11-5-48	325	--	6	0-177	Qal	1/5,095	265	--	--	--	--	--	--	--	S	UR	DL 757.
38 06 50	115 34 40	3N/57-16c	023	2-20-60	92	1/2	16	0-90	Qal, Pc(?)	1/6,400	36	--	--	--	--	--	--	--	I	UR	DL 5,086.
38 13 20	117 03 50	4N/44-08ab-1	023	10-1943	63	1/8	14½	0-70	Qal, Tv(?	--	11.7 (Pump off	6-18-62 2 min.)	150	--	--	--	--	T	M	4, UR	DL 236.
38 13 20	117 03 50	4N/44-08ab-2	023	10-1943	80	1/8	14½	0-53	Qal, Tv(?	1/5,740	11.9 8.7 (Pump off	5-12-48 6-18-62 3 days)	200	--	--	--	--	T	M	4, UR	DL 235.
38 13 20	117 03 50	4N/44-08ab-3	023	1913	60	(12)	12	0-65	Qal	--	8	--	200	--	--	--	--	T	M	4, UR	DL 234.
38 13 20	117 04 00	4N/44-08ba-1	023	10-1943	89	1/8	14½	0-83	Qal, Tv(?	1/5,735	8.1 8.8 (Pump off	5-12-48 6-18-62 5 minutes)	150	--	--	--	54	T	M	4, 20, UR	DL 233. CA. RC.
38 12 40	117 04 20	4N/44-08cc-1	023	--	38	--	8	--	Qal	1/5,710	8.2±	5-12-48	--	--	--	--	--	T	M	4	
38 12 40	117 04 20	4N/44-08cc-2	023	--	38	--	8	--	Qal	--	--	--	125	--	--	--	--	T	M	4	
38 11 10	117 04 40	4N/44-18ad-1	023	--	46 to 51	--	12	--	Qal	--	--	--	--	--	--	--	--	--	U	4	
38 11 10	117 04 40	4N/44-18ad-2	023	--	47	--	12	--	Qal	1/5,685	10.9±	5-12-48	--	--	--	--	--	T	U	4	
38 11 10	117 04 40	4N/44-18ad-3	023	--	47(?)	--	12	--	Qal	--	--	--	--	--	--	--	--	--	U	4	
38 11 00	117 04 40	4N/44-18da-1	023	--	60	--	--	--	Qal, Tv(?	--	--	--	--	--	--	--	--	--	U	4	DW.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water Level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gage) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
38 10 30	117 04 40	4N/44-19aa-1	023	--	55	--	--	--	Qal, Tv(?)	1/ 5,655	8	--	--	--	--	--	--	--	--	4	Location bas 10 wells about 100 ft. apart.
38 10 30	117 04 40	4N/44-19aa-2	023	--	45	--	--	--	Qal	--	--	--	150	--	--	--	--	C	U	4	DW. Destroyed by flood in 1913.
		4N/49-32d-1	023	--	380	--	6	--	Qal	1/ 5,850	325	5-20-52	--	--	--	--	52	--	S	4	DL.
		4N/51-13d-1	023	10-5-59	300	1/2	8	0-300	Qal	1/ 5,120	3	1959	--	--	--	--	--	--	U	26, UR	DL 5,083. CA. Well no. given as 4N/51-03dd in UR.
		4N/51-27d	023	9-6-51	137	1/4	5	0-137	Qal, Tv	1/ 5,950	95	--	20	--	--	--	65	--	S	UR	DL 1,793.
		4N/51-29c-1	023	--	--	--	--	--	Qal	--	--	--	--	--	--	--	--	--	--	26	CA.
		4N/54-17cb	023	8-18-48	150	--	9	0-140	Qal	2/ 4,950	130	--	--	--	--	--	--	--	--	UR	DL 671.
		4N/55-19d	023	6-21-51	255	3/16	6	0-255	Qal	2/ 5,050	215	--	--	--	--	--	70	--	S	UR	DL 1,704.
		5N/41-05c	023	12-29-64	180	.188	10 1/4	0-180	Qal	2/ 5,010	125	--	20	--	--	--	54	--	S	UR	DL 8,302.
		5N/41-06a (Proj.)	023	--	135	--	--	--	Qal	2/ 5,020	124	9-6-13	27	--	1913	--	--	--	D	13	DW. CA. See W15, p. 155, ref. 13.
		5N/44-07b-1	023	--	--	--	--	--	Qal	2/ 5,890	70.8	6-16-62	--	--	--	--	--	P	S	4	DW.
		5N/44-10d-1	023	--	80	--	6	--	Qal	2/ 5,900	80(?)	--	--	--	--	--	--	--	S	4	
		5N/44-32bb-1	023	--	18	--	--	--	Qal	--	11.8 12.5	3-23-56 12-1-60	--	--	--	--	--	--	U	9	DW.
		5N/44-32c-1	023	--	18	--	--	--	Qal	2/ 5,778	12.2 12.0	5-12-48 6-18-62	--	--	--	--	--	--	U	4	DW. DL.
		5N/50-10a (Proj.)	023	7-20-48 (?)	205	--	6	0-205	Qal	2/ 5,350	170	--	--	--	--	--	--	--	S	UR	DL 668.
		5N/51-10d (Proj.)	023	10-25-50	60	1/4	6 (?)	0-60	Qal	2/ 5,240	20	--	--	--	--	--	--	--	S	UR	DL 1,471.
		5N/51-11c-1	023	--	--	--	6	--	Qal	5,250	24.7	10-18-65	--	--	--	--	--	--	S	26	
		5N/51-19b-1	023	--	--	--	48 x 48	--	Qal	5,220	48.6	10-17-65	--	--	--	--	--	--	S	26	
		5N/54-24ab	023	8-31-51	100	3/8	6 (?)	0-100	Qal	2/ 4,870	52	--	--	--	--	--	--	--	S	UR	DL 1,741.
		5N/54-32c	023	8-26-48	110	--	10	0-107	Qal	2/ 5,050	80	--	--	--	--	--	--	--	--	UR	DL 670.
		5N/55-28cc	023	2-6-64	212	.219	16	0-212	Qal	2/ 4,850	42	--	--	--	--	--	--	--	I	UR	DL 7,876.
		5N/55-28db	023	2-12-64	219	.219	16	0-219	Qal	2/ 4,840	38	--	--	--	--	--	--	--	I	UR	DL 7,877.
		5N/55-34ab	023	6-5-51	75	3/16	6 1/4	0-75	Qal	2/ 4,860	27	--	50	--	--	--	50	--	S	UR	DL 1,649.
		5N/55-34cd	023	2-27-64	220	.219	16	0-220	Qal	2/ 4,880	65	--	--	--	--	--	--	--	I	UR	DL 7,875.
		5N/55-36de	023	6-2-51	105	(10)	8	0-105	Qal	2/ 4,890	50	--	100	--	--	--	50	--	S	UR	DL 1,650.

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of date	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		6N/41-07be	023	12-10-63	350	Steel	12	200-350	Qal	1/ 5,110	92	--	--	--	--	--	--	--	I	UR	DL 7,553.
		6N/41-07ca	023	2-1964	244	(10)	16	0-244	Qal	1/ 5,100	87	--	--	--	--	--	--	--	I	UR	DL 7,659.
		6N/41-16(?)	023	5-20-50	230	1/8	6	0-230	Qal	--	150	--	30	--	--	--	54	--	S	UR	DL 1,309.
		6N/41-18ca	023	11-18-63	400	Steel	12	185-385	Qal	1/ 5,075	92	--	--	--	--	--	--	--	I	UR	DL 7,505.
		6N/41-18cb	023	12-12-62	191	(10)	16	0-191	Qal	1/ 5,075	78	--	--	--	--	--	--	--	I	UR	DL 6,982.
		6N/43-22dc	023	2-16-50	320	1/4	8	0-320	Tv	1/ 6,050	227	2-16-50	50	--	--	8	46	T	S	4, UR	DL 1,213. Same as well no. 6N/43-22d-1 in ref. 4?
		6N/44-14d-1	023	11-4-48	260	1/8	<6	0-260	Qal	1/ 5,080	192	11-4-48	50	0	--	--	50	--	S	4, UR	DL 707.
		6N/44-33	023	1-2-64	110	3/8	6	0-110	Qal	--	40	--	--	--	--	--	--	--	S	UR	DL 7,681.
		6N/50-11b-1	023	--	--	--	6	--	Qal	5,540	183.0	10-17-65	--	--	--	--	--	--	S	26	
		6N/50-17c (Proj.)	023	7-20-48 (?)	216	1/4	6	0-90	Qal,Pcl (?)	1/ 6,200	90	--	--	--	--	--	--	--	S	UR	DL 667 or DL 661(?).
38 20 20	116 18 30	6N/50-35a-1	023	--	--	--	--	--	Qal	5,320	--	--	--	--	--	--	--	--	S	26	
		6N/51-15a-1	023	--	--	--	10	--	Qal	5,360	40.8	10-17-65	--	--	--	--	--	--	D	26	CA.
		6N/51-16c (Proj.)	023	7-2-48 (?)	220	1/4	6	0-220	Qal	1/ 5,290	185	--	--	--	--	--	--	--	S	UR	DL 669.
		6N/51-22be	023	8-26-60	238	3/8	8	0-238	Qal	1/ 5,300	44	--	--	--	--	--	--	--	Ind	UR	DL 5,366.
		7N/42-15	023	3-26-49	240	(12)	8	0-240	Qal	1/ 5,600	180	--	50	--	--	--	50	T	S	UR	DL 851.
		7N/42-17c (Proj.)	023	--	14	--	--	--	Qal	1/ 5,430	4	9-7-13	--	--	--	--	--	--	U	13	DW. CA. See W14, p. 155, ref. 13.
		7N/42-18-1	023	5-6-49	172	(10)	14	0-172	Qal	--	Flowing	--	15	--	--	--	50	--	I	UR	DL 956.
		7N/42-18-2	023	5-11-49	40	(10)	14	0-40	Qal	--	Flowing	--	20 125	-- 10	-- --	-- --	50	--	I	UR	DL 957.
		7N/42-18-3	023	5-13-49	64	(10)	14	0-64	Qal	--	Flowing	--	10 112	-- 10	-- --	-- --	50	--	I	UR	DL 958.
		7N/42-18-4	023	5-14-49	35	(10)	14	0-35	Qal	--	Flowing	--	15	--	--	--	50	--	I	UR	DL 959.
		7N/42-18-5	023	5-20-49	40	(10)	14	0-40	Qal	--	Flowing	--	20 125	-- 10	-- --	-- --	50	--	I	UR	DL 960.
		7N/42-18-6		5-22-49	40	(10)	14	0-40	Qal	--	Flowing	--	25 130	-- 10	-- --	-- --	50	--	I	UR	DL 961.
		7N/42-18-7	023	5-28-49	84	(10)	14	0-84	Qal	1/ 5,350	12	--	30(?	--	--	--	50	--	S	UR	DL 962.
		7N/42-18-8	023	5-31-49	36	(10)	14	0-36	Qal	--	Flowing	--	7 20(?	-- 10(?)	-- --	-- --	50	--	S	UR	DL 963.
		7N/42-18-9	023	6-3-49	48	(10)	14	0-48	Qal	1/ 5,350	10	--	55	--	--	--	50	--	I	UR	DL 964.
		7N/42-18-10	023	6-11-49	100	(10)	14	0-100	Qal	--	Flowing	--	45	--	--	--	50	--	I	UR	DL 965.
		7N/42-18	023	9-11-49	70	(10)	14	0-70	Qal	--	Flowing	--	60	--	--	--	--	--	I	UR	DL 1,086.

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E.--Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water Level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
		7N/42-18	023	9-15-49	60	(10)	14(?)	0-60	Qal	--	Flowing	--	15	--	--	--	--	--	I	UR	DL 1,085.
		7N/42-18	023	9-4-49	40	(10)	14	0-40	Qal	--	Flowing	--	15	--	--	--	--	--	I	UR	DL 1,087.
		7N/42-20-11	023	6-14-49	30	(10)	14	0-30	Qal	1/5,430	17	--	150	--	--	--	50	--	D	UR	DL 966.
		7N/44-29d	023	10-26-59	203	(8)	10½	0-201	Qal	--	92	--	--	--	--	--	--	--	I	UR	DL 4,910.
		7N/44-36c-1	023	--	240	--	--	--	Qal	1/6,200	182	10-28-48	--	--	--	--	50	--	S	4, UR	DL.
		7N/45-05d-1	023	--	250	--	--	--	Qal	1/6,405	200	6-18-62	--	--	--	--	--	--	S	4	
		7N/55-28c	023	8-19-55	46	1/4	6	0-40	Qal	1/4,770	Flowing	--	20	--	--	--	--	--	Ind	UR	DL 3,128.
		7N/56-02da	023	8-30-54	285	--	6 5/8	0-260	Qal	1/4,660	180	--	3	--	8-30-54	1	--	--	U(?)	UR	DL 2,967.
		7N/57-04a	023	8-12-61	60	5/16	6	0-60	Qal	1/4,695	0	--	--	--	--	--	--	--	Ind	UR	DL 6,081.
		7N/57-05a	023	11-5-61	85	5/16	6	0-85	Qal	1/4,690	10	--	--	--	--	--	--	--	Ind	UR	DL 6,243.
		8N/42-16 (Proj.)	023	3-23-40	126	(10)	18	0-116	Qal, Tv (?)	1/5,980	44.2	--	450	70	--	--	--	--	Ind	UR	DL 230. Pesvine test well no. 3.
		8N/42-18 (Proj.)	023	1-5-40	100	1/4	6	0-100	Qal, Tv (?)	--	38(?)	--	--	--	--	--	--	--	Ind	UR	DL 229. Peevine test well no. 1.
		8N/42-18 (Proj.)	023	1-15-40	86	1/4	6	0-86	Qal, Tv (?)	--	46(?)	--	--	--	--	--	--	--	Ind	UR	DL 228. Pesvine test well no. 2.
		8N/42-18	023	4-20-49	55	1/4	6	0-55(?)	Qal	--	35(?)	--	--	--	--	--	55	--	S	UR	DL 863.
		8N/43-15d	023	Pre-1917	--	--	--	--	Pcl(?)	6,475 ± 50	40	--	--	--	--	--	--	--	U	8, 13	See Plate II, ref. 13.
		8N/43-21a	023	Pre-1917	90	--	--	--	Qal(?)	6,350 ± 50	85	9-8-13	--	--	--	--	--	--	U	8, 13	DW. CA. See W12, p. 155 and Plate II, ref. 13.
		8N/43-23a	023	Pre-1917	--	--	--	--	Qal(?)	6,580 ± 50	26	--	--	--	--	--	--	--	U	8, 13	See Plate II, ref. 13.
		8N/43-23a	023	Pre-1917	--	--	--	--	Qal(?)	6,580 ± 50	35	--	--	--	--	--	--	--	U	8, 13	See Plate II, ref. 13.
		8N/44-08aa	023	7-1-60	250	1/4	14 1/4	0-248.6	Qal	--	38(?)	--	750	4	--	--	--	--	I	UR	DL 8,528. Pump, but type not given.
		8N/44-08bb	023	7-1-60	600	(10)	10 3/4	0-60	Qal	--	--	--	--	--	--	--	--	--	U	UR	DL 5,329.
38 32 10	117 03 50	8N/44-20b (Proj.)	023	Pre-1913	50	--	--	--	--	7,130 ± 10	--	--	--	--	--	--	--	--	M(?)	8, 13	DW.
38 31 40	117 04 10	8N/44-20c (Proj.)	023	Pre-1913	60	--	--	--	Qal,Pcl	7,205 ± 10	>6	1913	35	--	1913	--	--	--	M	8, 13	DW. CA. See W13, p. 155, ref. 13.
38 31 40	117 04 10	8N/44-20c (Proj.)	023	1913	125	--	--	--	Pcl	7,210 ± 10	--	--	--	--	--	--	--	--	M	8, 13	See p. 127, ref. 13.
38 32 00	117 04 20	8N/44-20c (Proj.)	023	Pre-1913	50	--	--	--	Qal,Pcl	7,120 ± 10	--	--	20	--	1913	--	--	--	M	8, 13	DW. See p. 127, ref. 13.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
		8N/45-17d-1 (Proj.)	023	9-28-49	260	(10)	14	0-260	Qal	1/6,605	200 214.8	9-28-49 6-18-62	100	--	--	--	52	T	S	4, UR	DL 1,084.
		8N/50-33d (Proj.)	023	12-19-48	180	--	6	0-180	Qal	1/5,580	150	--	--	--	--	--	--	--	D	UR	DL 799.
		8N/51-34ce	023	11-11-48	155	--	5	0-155	Qal	5,500	110	1948	--	--	--	--	71	--	S	26, UR	DL 793.
		8N/56-02ed	023	--	1,204	--	--	--	Qal	--	Flowing (?)	--	20(?)	--	--	--	--	--	--	UR	DL 365.
		8N/56-02d-1	023	--	1,204	--	10(?)	0-1,204 (?)	Qal	--	Flowing	6-8-54	200	--	--	--	68	--	I	20	CA. RC.
		8N/56-01b	023	1912(?)	1,204	--	12	--	Qal	--	7	1912(?)	--	--	--	--	--	--	--	28	DL. CA.
		8N/57-14ac	023	8-4-51	185	(10)	14	0-185	Qal	--	Flowing	--	600	--	--	--	71	--	I	UR	DL 1,724.
		8N/57-14ac	023	8-31-48	120	--	5	0-118	Qal	--	Flowing	--	60	--	--	--	--	--	D, I	UR	DL 758.
		8N/57-22	023	12-6-55	60	1/4	6	0-40	Qal	1/5,750	1	--	--	--	--	--	--	--	Ind	UR	DL 3,290.
		8N/57-22cd-1	023	12-6-55	60	1/4	6 5/8	0-40	Qal	1/5,750	1	--	20	--	--	--	--	--	Ind	UR	DL 3,291.
		8N/57-27	023	7-29-51	220	1/4	6	0-175	Qal	1/4,750	12	--	--	--	--	--	68	--	D	UR	DL 1,725.
		8N/57-27aa	023	6-16-54	75	--	6 5/8	0-66	Qal	1/4,760	12	--	35	--	--	3	--	--	Ind	UR	DL 2,966.
		9N/42-31ed	023	6-4-48(?)	92.8	--	14	0-90.9	Qal, Tv	1/6,150	17	--	--	--	--	--	--	--	I	UR	DL 550 (or 556?).
		9N/43-05cd	023	8-18-50	202	3/8	6	0-202	Qal	1/5,775	115(?)	--	20	--	--	5	--	P	D, S	UR	DL 1,423.
		9N/43-09ed	023	10-28-62	513	1/4	16 1/4	0-513	Qal	1/5,775	140	--	1,600	10	--	--	--	T	I	UR	DL 6,855.
		9N/54-09e-1	023	--	--	--	--	--	Qal, Tv (?)	6,900	15	1966	--	--	--	--	--	--	S	26	
		9N/57-01ca	023	8-1954(?)	200	(10)	14	0-200	Qal	1/4,900	100	--	1,200	53	--	--	--	T	I	UR	DL 2,724.
		9N/57-01db	023	7-27-54	200	(10)	14½	0-200	Qal	1/4,905	130	--	1,000	26	--	--	--	T	I	UR	DL 2,679.
		9N/57-02b	023	6-12-54	100	3/8	6	0-92	Qal	1/4,880	78	--	--	--	--	--	--	--	D	UR	DL 2,589.
		9N/57-06ae	023	11-30-56	52.5	(10)	12	0-52.5	Qal	1/4,850	8	--	--	--	--	--	--	--	I	UR	DL 4,778.
		9N/57-06da	023	6-23-63	138	(10)	4	0-141	Qal	1/4,840	7.5	--	<1	--	--	--	54	S	D	UR	DL 7,340.
		9N/57-12eb	023	10-28-65	220	3/16	16	0-222	Qal	1/4,900	100	--	--	--	--	--	--	--	I	UR	DL 8,714.
		9N/57-26	023	4-8-55	90	1/4	6(?)	0-61	Qal	1/4,780	3	--	--	--	--	--	--	--	Ind	UR	DL 2,909.
		9N/57-26dc	023	4-8-55	90	1/4	6 5/8	0-61	Qal	1/4,780	3	--	33	--	--	--	--	--	Ind	UR	DL 3,135.
		9N/57-34	023	1-8-56	55	1/4	6	0-41	Qal	1/4,770	4	--	--	--	--	--	--	--	Ind	UR	DL 3,291A.
		9N/57-34bb	023	1-8-56	50	1/4	6 5/8	0-41	Qal	1/4,770	4	--	25	11	--	1/4	--	--	Ind	UR	DL 3,336.
		9N/57-34de-1	023	6-17-55	65	1/4	6 5/8	0-41	Qal	1/4,770	2	--	30	--	--	--	--	--	Ind	UR	DL 3,136.
		9N/57-35	023	12-20-54	78	1/4	6	0-78	Qal	1/4,790	2	--	--	--	--	--	--	--	Ind	UR	DL 2,831.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. :-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
		9N/57-35	023	2-21-55	90	1/4	6(?)	0-76	Qal	--	3	--	--	--	--	--	--	--	Ind	UR	DL 2,908.
		9N/57-35	023	6-17-55	65	1/4	6	0-41	Qal	--	2	--	--	--	--	--	--	--	Ind	UR	DL 3,013.
		9N/57-35a	023	1-6-54(?)	65	1/4	8	0-47	Qal	--	4	--	--	--	--	--	--	--	Ind	UR	DL 2,468.
		9N/57-35ba-1	023	12-19-53	60	--	5	0-60	Qal	--	15	--	10	--	--	--	--	--	Ind	UR	DL 2,969.
		9N/57-35be-2	023	12-22-53	200	--	5	0-200	Qal	--	2.5	--	[2]	--	--	--	--	--	Ind	UR	DL 2,968.
		9N/57-35ca	023	12-24-54	65	--	6 5/8	0-65	Qal	[1]/4,790	20	--	25	--	--	--	--	--	Ind	UR	DL 2,965.
		10N/42-28 (Proj.)	023	9-29-48	230	--	--	--	Qal	--	6	--	--	--	--	--	--	--	U(?)	UR	DL 705.
		10N/42-28 (Proj.)	023	8-29-48	100	--	--	--	Pcl	--	40	--	1	--	--	--	--	--	U	UR	DL 706.
		10N/43-04	023	6-10-51	155	1/8	14	0-155	Qal	[1]/5,650	8	--	25	23	--	--	64	T	I	UR	DL 1,675.
		10N/43-04c (Proj.)	023	--	20	--	--	--	Qal	[1]/5,675	19	10-1-13	--	--	--	--	--	--	D	13	DW. CA. See W11, p. 155, ref. 13.
		10N/43-05aa	023	6-15-51	55	1/8	14	0-55	Qal	--	Flowing	--	10	--	--	--	66	--	S, I	UR	DL 1,674.
		10N/43-05aa-1	023	--	70	--	14(?)	0-70(?)	Qal	[1]/5,640	9.2 1.0	5-2-57 12-1-60	--	--	--	--	--	--	U	9	
		10N/43-20aa	023	11-13-48	592	(10)	16	0-480	Qal,Pcl (?)	[1]/5,780	105	--	1,835	139	--	--	--	--	Ind	UR	DL 743.
		10N/43-28c	023	3-6-63	485	.219	16	0-485	Qal	[1]/5,770	53	--	3,880	37	--	--	--	--	I	UR	DL 7,211.
		10N/44-20b (Proj.)	023	11-20-48	307	(8)	20	0-266	Qal	[1]/6,350	40	--	900	150	--	--	--	--	Ind	UR	DL 747.
		10N/46-12a-1	023	8-1947	13	--	12	--	Qal	6,895	7.0	9-19-61	--	--	--	--	--	P	S	19	
		10N/46-13a-1	023	9-12-47	96	(10)	12	0-96	Qal	6,900	7	8-47	600	33	--	--	46	--	I	19, UR	DL 153.
		10N/46-13a-2	023	8-25-47	94	(10)	12	0-94	Qal	6,900	7	8-47	600	25	--	--	52	--	I	19, UR	DL 154.
		10N/49-11c-1	023	--	--	--	--	--	Qal	6,500	30	1965	--	--	--	--	65	--	D	26	CA.
		10N/54-18ab	023	8-16-61	170	(10)	15	0-170	Qal	[1]/6,125	15	--	--	--	--	--	56	--	I	UR	DL 6,378.
		11N/43-01c (Proj.)	023	--	16	--	--	--	Qal	[1]/5,580	12	9-26-13	--	--	--	--	53	--	U	13	DW. CA. See W9, p. 155, ref. 13.
		11N/43-08cc	023	10-30-50	55	3/8	6(?)	0-55	Qal	--	Flowing	--	4	--	--	--	50	--	D	UR	DL 1,493.
		11N/43-12bd	023	1-1959(?)	75	3/16	12	0-74	Qal	[1]/5,585	18	--	--	--	--	--	46	--	I	UR	DL 4,414.
		11N/43-22c (Proj.)	023	10-1913(?)	12	--	--	--	Qal	[1]/5,580	6.5	9-10-13	Several	--	1913	--	--	--	S	13	DW. CA. See W10, p. 155, ref. 13.
		11N/43-27d	023	12-18-61	750	--	16	0-303	Qal	--	--	--	3,000	--	--	--	--	--	I	UR	DL 6,389.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water Level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drew-down (ft)	Date	Duration (hrs)					
		11N/43-29b(?) (Proj.)	023	7-16-52	372	(10)	16	0-352	Qal	1/ 5,655	98	--	2,000	32	--	16	62	--	Ind	UR	DL 1,999. Formerly 10N/43-20(?).
38 47 20	117 10 20	11N/43-29bd	023	6-30-56	300	3/8	16	0 - 199.7	Qel	--	Flowing	--	200	--	--	--	--	--	I	UR	DL 3,679.
		11N/43-30ea	023	10-23-48 (?)	118	--	--	0-118	Qel	--	45(?)	--	--	--	--	--	--	--	U	UR	DL 2,033.
		11N/43-33b	023	7-14-65	295	--	12	0-295	Qal	--	Flowing	--	10	--	--	--	--	--	I	UR	DL 8,596.
		11N/46-11c-1	023	--	--	--	6	--	Qel	1/ 6,865	8.5	4-15-64	--	--	--	--	--	P	S	19	
		11N/53-06c-1	023	--	900	--	--	--	Qel,Tv(?)	6,550	500	1966	--	--	--	--	--	--	S	21, 26	Well no. given as 11N/53-6 in ref. 21.
		11N/55-02d	023	--	300	--	--	--	Qel	5,965	Dry	--	--	--	--	--	--	--	U	21	DW.
		11N/55-11cd	023	1-8-58	289	1/4	6(?)	0-289	Qal	1/ 6,100	230	--	--	--	--	--	--	--	S	UR	DL 4,000.
		11N/55-21d	023	--	16.6	--	--	--	Qel	6,550	10	--	--	--	--	--	--	--	U	21	DW.
		11N/56-02ce	023	12-20-59	250	.188	6	0-85	Qel,Tv(?)	1/ 5,170	20	--	--	--	--	--	--	--	D	UR	DL 5,071.
		11N/56-02de	023	12-17-59	250	5/16	14	0-160	Qal,Tv(?)	1/ 5,140	29	--	889	132	--	1	--	T	I	UR	DL 5,718.
		11N/57-16a-1	023	--	354	--	6(?)	0-354 (?)	Qal	1/ 5,095	175.2 172.3	2-13-48 10-25-57	--	--	--	--	--	--	S	9	
		11N/57-16c	023	--	354	--	--	--	Qal	5,070	185	--	--	--	--	--	--	--	S	21	
		12N/43-03b	023	9-5-65	545	.250	18	0-40	Qel	1/ 5,535	5	--	1,750	270	--	--	--	--	I	UR	DL 8,668. Pump, but type not given.
		12N/43-04c (Proj.)	023	--	10	--	--	---	Qal	1/ 5,640	7	9-27-13	Several	--	1913	--	--	--	D	13	DW. CA. See W8, p. 155, ref. 13.
		12N/43-09	023	5-14-51	330	(10)	14	0-286	Qal	1/ 5,580	60	--	300	--	--	--	62	--	I	UR	DL 1,651.
		12N/43-09c	023	4-3-51	207	(10)	14	0-190	Qal	1/ 5,560	35	--	1,200	--	--	--	45	--	I	UR	DL 1,608.
		12N/43-09ca-1	023	--	190	--	12(?)	0-190 (?)	Qal	1/ 5,590	31.6 35.6	5-2-57 12-1-60	--	--	--	--	--	--	U	9	
		12N/43-11b	023	3-6-51	73	3/16	6 1/4	0-73	Qal	--	Flowing	--	4	--	--	--	50	--	S	UR	DL 1,581.
		12N/43-18 (Proj.)	023	10-21-60	500	3/16	14	0-500	Qal	1/ 5,765	90	--	2,100	150	--	--	--	--	I	UR	DL 7,283.
		12N/44-04dd	023	8-10-50 (?)	55	3/8	6	0-55	Qel	1/ 5,790	16	--	--	--	--	--	50	--	D	UR	DL 1,446.
		12N/47-18c-1	023	--	--	--	24	--	Qal	6,820	4.2	4-15-64	--	--	--	--	--	P	S	19	
		12N/55-25c	023	--	289	--	--	--	Qal	5,675	205	--	--	--	--	--	--	--	S	21	
		12N/56-19b	023	--	20.7	--	--	--	Qel	5,490	Dry	--	--	--	--	--	--	--	U	21	DW.
		12N/56-21d	023	--	107	--	--	--	Qal	5,350	20	--	--	--	--	--	--	--	D, S	21	

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		12N/56-27 (Proj.)	023	2-26-53	400	(No casing)			Qal,Tv	1/5,250	Dry	--	--	--	--	--	--	--	--	UR	DL 2,175. Formerly 13N/55-27.
		12N/56-27cd	023	12-18-59	86	--	--	--	Qal,Tv	--	21	--	6	--	--	--	--	--	S	UR	DL 5,723.
		12N/56-34cc	023	10-30-59	202	1/4	14	0-200	Qal	1/5,230	7	--	--	--	--	--	--	--	I	UR	DL 5,072.
		12N/57-17d	023	--	350	--	--	--	Qal	5,490	280	--	--	--	--	--	--	--	S	21	
		13N/43-04b (Proj.)	023	--	5	--	--	--	Qal	1/5,510	1.6	9-11-13	--	--	--	--	--	--	U	13	DW. CA. See W4, p. 155, ref. 13.
		13N/43-05b	023	1914	101	--	6	--	Qal	--	Flowing	10-6-14	40	0	10-6-14	--	64	--	D	13	CA. See W5, p. 155, ref. 13.
		13N/43-06d	023	8-5-64	400	--	6	--	Qal,Pcl(?)	--	3.4	4-15-64	--	--	--	--	54	P	I	UR	DL 8,240.
		13N/43-18d	023	1913(?)	15	--	--	--	Qal	1/5,550	9	9-29-13	Several	--	1913	--	54	--	D	13	DW. CA. See W6, p. 155, ref. 13.
		13N/43-20c	023	--	127	--	6	0-127 (?)	Qal	--	Flowing	10-7-14	120	0	10-7-14		53	--	I	13	CA. See W7, p. 155, ref. 13.
		13N/47-29c-1	023	--	--	--	6	--	Qal	1/6,790	3.4	4-15-64	--	--	--	--	54	P	S	19	
		13N/56-19	023	--	85	--	--	--	Qal	5,595	80	--	--	--	--	--	--	--	D	21	DW.
		14N/41-08c-1	023	7-24-50	50	--	6	0-50	Qal	--	10	7-24-50	83	0(?)	--	--	50	--	D	6, UR	DL 1,447. Same as 15N/41-8c-1 in ref.6?
		14N/41-18a-1	023	7-31-50	65	1/8	6	0-65	Qal	1/6,395	22	7-31-50	--	--	--	--	50	--	D	6, UR	DL 1,448.
		14N/41-18b-1	023	--	--	--	6	--	Qal	--	25.6	6-24-64	--	--	--	--	--	--	D	6	
		14N/41-19c-1	023	--	--	--	8	--	Qal	1/6,440	15.8	6-24-64	--	--	--	--	--	--	S	6	
		14N/41-19d-1	023	10-1950	268	--	14	--	Qal,Tv(?)	--	28	10-13-50	500	--	--	--	--	--	I	6	DL 1,455.
		14N/43-10a (Proj.)	023	1913	133 or 190 (?)	--	6	0-133 (?)	Qal	1/5,560	Flowing	9-20-13	10(?)	0	9-20-13	--	--	--	S	13	CA. See W3, p. 155, ref. 13.
		14N/43-16	023	6-5-50	204	(10)	12	0-204	Qal	--	Flowing	--	10	--	--	--	--	--	I	UR	DL 1,337.
		14N/51-13	023	12-4-48	210	--	6	0-210	Qal	1/7,020	Flowing	--	50	--	--	--	--	--	S	UR	DL 791.
		14N/55-12	033	--	400.0	--	--	--	Qal	5,960	Dry	--	--	--	--	--	--	--	U	21	
		14N/56-19b	033	--	--	--	--	--	Qal	5,820	--	--	--	--	--	--	--	--	U	21	
		15N/41-28c-1	023	--	--	--	6	--	Qal	1/6,320	14.3	6-24-64	--	--	--	--	--	--	D	6	CA.
		15N/44-02c	015	--	22	--	6	--	Qal	1/5,590	17.4	9-19-13	40	0	10-6-14		64	--	S	13	DW. CA. See W2, p. 155, ref. 13.
		15N/44-20ba-1	023	--	57	--	6(?)	0-57(?)	Qal	--	33.8 38.6	5-2-57 12-1-60	--	--	--	--	--	--	U	9	

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		15N/47-08a-1	023	--	210	--	--	--	Qal	6,720	170	4-14-64	--	--	--	--	--	--	D	19	
		15N/48-30d-1	023	1959	350	--	12	--	Qal	6,692	10	1959	1,000	100	--	--	--	--	I	19, UR	DL 4,939.
		15N/50-04da	011	2-5-64	252	3/16	16½	0-252	Qal	6,460	125	2-1964	2,550	47	--	--	--	--	I	19, UR	DL 7,649.
		15N/52-13ba	011	11-8-42	376	0.425	8 1/4	0 - 375.1	Qal,Tv	6,400	347	1942	--	--	--	--	--	--	D, S	26, UR	DL 213. Well no. given as 15N/52-13b-1 in ref. 26.
		15N/52-35c	023	--	500	--	--	--	Qal	6,435	400	1963	--	--	--	--	--	--	S	21, 26	Well no. given as 15N/52-35c-1 in ref. 26.
		15N/53-23a	023	--	350	--	--	--	Qal	6,125	--	--	--	--	--	--	--	--	S	21	
		15N/53-23d-1	023	--	350	--	--	--	Qal	6,160	186	1965	--	--	--	--	--	--	S	26	
		15N/53-25d	023	--	200	--	6	--	Qal	6,200	155	1963	--	--	--	--	--	--	S	21, 26	
		15N/53-28a-1	023	1956	242	--	8	--	Qal	6,180	220	1956	--	--	--	--	--	--	S	26	DL 3,421.
		15N/53-28b	023	--	350	--	--	--	Qal	6,180	--	--	--	--	--	--	--	--	S	21	
		15N/53-31a	023	--	256	--	--	--	Qal	6,225	235	--	--	--	--	--	--	--	U	21	
		15N/53-32b	023	--	240	--	--	--	Qal	6,210	225	--	--	--	--	--	--	--	--	21	
		15N/53-32ca	023	1953	300	--	12	--	Qal,Tv(?)	6,260	248.0	10-20-65	--	--	--	--	--	--	U	26, UR	DL 2,405. Well no. given as 15N/53-32c-1 UR.
		15N/54-02	033	--	14.9	--	--	--	Qal	6,380	10	--	--	--	--	--	--	--	S	21	DW.
		15N/54-02	033	--	44.7	--	--	--	Qal	6,395	15	--	--	--	--	--	--	--	--	21	
		15N/54-06d-1	011	--	164	--	--	--	Qal	6,100	158.5	10-20-65	--	--	--	--	57	--	S	21, 26	DW. CA. Well no. given as 15N/54-6 in ref. 21.
		15N/54-11a-1	033	--	45	--	--	--	Qal	6,395	15	1963	--	--	--	--	--	--	S	26	
		15N/54-20d	023	--	164	--	--	--	Qal,Pc(?)	6,600	Dry	1963	--	--	--	--	--	--	U	21, 26	Well no. given as 15N/54-20d-1 in ref. 26.
		15N/55-21	033	--	271.4	--	--	--	Qal	6,335	Dry	--	--	--	--	--	--	--	U	21	
		15N/55-36b	033	--	--	--	--	--	Qal	6,055	Dry	--	--	--	--	--	--	--	U	21	
		15N/57-17d	033	--	200	--	--	--	Qal	6,085	200	--	--	--	--	--	--	--	S	21	
		16N/41-16d	023	12-22-64	101	.188	10 1/4	0-101	Qal	--	50	--	15	--	--	--	52	--	S	UR	DL 8,303 or 8,308.
		16N/42-07	015	5-26-50	200	(10)	6	0-20	Qal	1/5,990	80	--	--	--	--	--	--	--	D	UR	DL 1,342.
		16N/42-07	015	5-21-50	988	3/16	16	0-288	Qal	1/5,990	47.4	5-22-50	--	--	--	--	--	--	I	6, UR	DL 1,343. May be well 16N/42-08ca-1 in ref. 6.
		16N/42-08	015	11-17-48	103	3/8	6	0-103	Qal	--	Dry	--	--	--	--	--	--	--	U	UR	DL 750.
		16N/42-08cb-7	015	12-1956	143	.188	8	0-143	Qal	1/5,990	110	11-30-56	--	--	--	--	--	--	S	6, UR	DL 3,612. Well no. given as 16N/42-08cb-1 in ref.6.
		16N/42-09-6	015	12-1956	146	.188	8	0-146	Qal	1/5,990	108.1	6-23-64	--	--	--	--	--	--	S	6, UR	DL 3,613. Well no. given as 16N/42-09b-1 in ref. 6.
		16N/42-19bb-1	015	--	20	--	48	--	Qal	1/6,030	13.2	6-9-48	--	--	--	--	--	--	U	6	
		16N/42-19dd	015	10-19-50	146	3/8	8	0-146	Qal	1/6,125	107.9	6-23-64	75	--	--	--	50	--	I	6, UR	DL 1,454. CA. Probably well 16N/42-19dd-1 in ref. 6.
		16N/42-19dd-2	015	--	--	--	8	--	Qal	--	81.0	6-23-64	--	--	--	--	--	--	U	6	
		16N/42-30ad	015	9-16-50	250	(10)	14	0-250	Qal	1/6,155	64.1	6-23-64	600	--	--	--	50	--	I	6, UR	DL 1,438.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		16N/44-23e	015	--	15	--	--	--	Qal	1/5,590	11.7	9-18-13	--	--	--	--	--	--	S	13	DW. CA. See W1, p. 155 and Plate II, ref. 13.
		16N/44-24bd	015	10-1-48	120	3/16	5 5/8	0-120	Qal	1/5,530	Flowing	--	6	--	--	--	84	--	S	UR	DL 778.
		16N/45-32 (epprox. loc.)	015	12-1-54	200	1/8	6	--	Qal	1/5,550	Flowing	--	2	--	--	--	67	--	S	UR	DL 2,670.
		16N/47-04d-1	015	--	--	--	6	--	Qal	6,450	58.2	9-21-61	--	--	--	--	60	P	S	19	
		16N/47-26d-1	015	--	--	--	6	--	Qal	6,510	84.6	4-14-64	--	--	--	--	--	P	S	19	
		16N/48-08ba	023	1-24-59 (?)	250	1/4	12	0-250	Qal	--	108	--	--	--	--	--	--	--	I	UR	DL 4,432.
		16N/48-10	023	12-2-60	285	.250	12 3/4	0-220	Qal	--	20	--	--	--	--	--	54	--	I	UR	DL 7,129.
		16N/50-29a-1	011	--	--	--	6	--	Qal	6,540	216.5	4-16-64	--	--	--	--	--	P	S	19	
		16N/51-07de	011	6-1-63	105	5/16	6	0-105	Qal	6,325	25.6	--	18	31	--	--	54	T	S	19, UR	DL 7,232.
		16N/51-07d-1	011	--	30	--	72	--	Qal	6,325	25.4 28.0	7-21-49 3-24-64	--	--	--	--	--	--	S,Obs	19	
		16N/52-19	011	1-12-50 (?)	130	3/16	6 3/8	--	Qal	--	60	--	--	--	--	--	68	--	D	UR	DL 1,325.
		16N/52-19	011	1-6-50	130	3/16	10 3/8	--	Qal	1/6,700	60	--	--	--	--	--	68	--	I	UR	DL 1,326.
		16N/53-10d-1	011	--	539	--	12	0-127	Qal	6,050	4.9 15	8-13-46 1963	800	--	--	--	--	T	U	2, 21, 26	DL. Unused in 1966.
		16N/53-30bd	011	11-20-42	186	.425	8.15	0 - 182.8	Qal, Tv	6,119	81 78.2	1942 9-1-65	--	--	--	--	--	--	S	11, 26, UR	DL 214.
		16N/53-36d	011	--	--	--	--	--	Qal	--	--	--	--	--	--	--	--	--	--	21	
		16N/54-15b	033	--	--	--	48	--	Qal	6,060	85	1963	--	--	--	--	--	--	S	21, 26	DW.
		16N/54-17	011	--	126	--	--	--	Qal	5,965	70	--	--	--	--	--	--	--	S	21	
		16N/54-20b-1	011	1956	125	--	6	--	Qal	6,060	77	1956	--	--	--	--	--	--	U	26	DL 3,545.
		16N/57-14a	033	--	69.2	--	--	--	Pc (?)	8,120	30	--	--	--	--	--	--	--	--	21	DW.
		17N/41-12ab-1	015	--	--	--	16	--	Qal	--	78.3	6-25-64	400 est.	--	--	--	--	--	I	6	
		17N/41-13ab-1	015	--	--	--	16	--	Qal	--	--	--	1,000 est.	--	--	--	--	--	I	6	
		17N/41-13dc	015	6-8-61	216	(10)	16	0-216	Qal	--	41	6-8-61	1,700	52	--	10	--	T	I	6, UR	DL 6,026. Well no. given as 17N/41-13dc-1 in ref. 6.
		17N/41-23 (epprox. loc.)	015	3-14-48	122	--	6	0-129	Qal	--	82	--	--	--	--	--	--	--	S	UR	DL 413.
		17N/41-24bc	015	3-21-62	287	1/4	16	0-287	Qal	--	98.9	6-25-64	--	--	--	--	--	--	D, I	6, UR	DL 6,507. Well no. given as 17N/41-24bb-1 in ref. 6.
		17N/41-24cc-1	015	3-1948	118	--	6	--	Qal	1/5,950	79.5	6-9-48	--	--	--	--	--	--	S	6	

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing: Type (gauge) or thickness (in.)	Casing: Diam. (in.)	Casing: Depth (ft)	Aquifer	Altitude (ft)	Water level: Depth (ft)	Water level: Date	Yield: Rate (gpm)	Yield: Draw-down (ft)	Yield: Date	Yield: Duration (hrs)	Temp (°F)	Type of pump	Use	Sources of data	Remarks
		17N/41-24cc	015	3-18-62	265	1/4	16	0-265	Qal	--	110	6-25-64	--	--	--	--	--	--	D, I	6, UR	DL 6,508. Well no. given as 17N/42-24cc-2 in ref. 6.
		17N/41-24cc	015	--	290	(10)	16	0-212	Qal	--	--	--	--	--	--	--	--	--	I	UR	DL 7,167.
		17N/41-24db	015	9-1964	412	1/4	16	0-414	Qal	--	--	--	2,700	--	--	--	--	--	I	UR	DL 8,170.
		17N/41-25dc	015	2-24-65	400	1/4	16	0-402	Qal	--	42	--	2,900	125	--	--	--	--	I	UR	DL 8,505.
		17N/42-03-4	015	11-1956	70.2	.188	8	0-70.2	Qal	--	21.2	6-23-64	--	--	--	--	--	--	S	6, UR	DL 3,616. Well no. given as 17N/42-03c-1 in ref. 6.
		17N/42-06cb	015	5-15-62	332	(10)	16	0-268	Qal	--	43	5-4-63	1,700	77	--	4	--	T	I	6, UR	DL 7,032. Well no. given as 17N/42-06cb-1 in ref. 6.
		17N/42-28-8	015	12-1956	104.1	.188	8	0-104	Qal	--	70.7	6-23-64	--	--	--	--	--	--	S	6, UR	DL 3,611. Well no. given as 17N/42-28a-1 in ref. 6.
		17N/42-34-5	015	11-1956	115.2	.188	8	0-115.2	Qal	2/ 5,960	91.6	6-23-64	--	--	--	--	--	--	S	6, UR	DL 3,615.
		17N/44-12	015	6-15-51	322	3/16	6	0-301	Qal, Tv (?)	1/ 5,880(?)	241	--	--	--	--	--	--	--	D, S	17, UR	DL 1,695.
		17N/45½-13dc	015	11-9-48	60	3/16	5 5/8	--	Qal	2/ 5,730(?)	Flowing	--	3	--	--	--	110	--	D, S	UR	DL 779.
		17N/47-08a-1	015	--	--	--	6	--	Qal	6,380	76.7	4-14-64	--	--	--	--	--	P	S	19	
		17N/49-09dd	023	4-?-64	315	1/4	14	0-315	Qal	--	40	--	--	--	--	--	--	--	I	UR	DL 7,787.
		17N/50-25	011	6-10-51	60	1/2	6	0-42	Qal	6,270	16	6-51	--	--	--	--	--	--	S	19, UR	DL 1,684.
		17N/51-22b (Proj.)	011	8-5-51	116	1/2	6	0-116	Qal	--	90	--	--	--	--	--	--	--	S	UR	DL 1,722.
		17N/51-27cc (unsurveyed)	011	9-7-42	272	.362	6.276	0-267.3	Qal, Tv	6,410	157 161.7	9-42 7-20-49	--	--	--	--	--	--	D, S	11, 19, UR	DL 212.
		17N/51-31b-1	011	--	18	--	6	--	Qal	6,290	14.9 14.4	7-20-49 4-16-64	--	--	--	--	--	P	S	19	
		17N/52-17b-1	011	--	26	--	14	--	Qal	6,800	23.8	7-21-49	--	--	--	--	--	--	U	19	
		17N/52-07cb	011	8-26-42	351	.362	6 5/8	0-229	Qal, Pc	6,570	318	8-26-42	--	--	--	--	58	--	S	11,15,19,UR	DL 211.
		17N/53-29bd	011	5-20-43	172	.425	8.15	0-171.2	Qal	6,190	149	--	--	--	--	--	--	--	S	26, UR	DL 215.
		17N/54-02dd-9	033	1961	76	(10)	--	--	Qal	5,960	30	1961	--	--	--	--	--	--	S	26, UR	DL 5,988. Well no. given as 17N/54-2d-1 in ref. 26. Fish Creek Ranch No. 9.
		17N/54-08	011	8-25-56	223	--	--	--	Qal	--	--	--	--	--	--	--	--	--	--	UR	DL 3,544.
		17N/54-14b-1	033	--	--	--	--	--	Qal	5,980	51.9	10-20-65	--	--	--	--	--	--	S	26	
		17N/54-16b-1	033	1965	--	--	16	--	Qal	6,020	84.3	10-20-65	--	--	--	--	57	--	I	26	CA.
		17N/54-22e	033	--	48.5	--	--	--	Qal	5,980	48.5	--	--	--	--	--	--	--	S	21	DM.
		17N/54-29c	011	--	--	--	--	--	Qal	5,987	--	--	--	--	--	--	--	--	S	21	DM.
		17N/54-29ce	011	1961 (?)	61	--	48	--	Qal	5,987	49.5 52.4	1961 10-14-65	--	--	--	--	--	--	S	26, UR	DL 5,635. Well no. given as 17N/54-29c-1 in ref. 26.
		17N/55-04b	033	--	--	--	--	--	Qal	5,960	55	--	--	--	--	--	--	--	S	21	
		17N/55-06 (Proj.)	011	8-10-49	70	3/16	6	0-70	Qal	--	35	--	40+	--	--	--	45	--	D	UR	DL 1,035. Log shown 18N/58.
		17N/55-27d	033	--	39.8	--	--	--	Qal	6,330	35	--	--	--	--	--	--	--	--	21	DM.
		17N/57-24c	033	--	--	--	--	--	Qal	6,880	--	--	--	--	--	--	--	--	S	21	DM.

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1, 21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		18N/41-36cc	015	3-9-62	325	(10)	16	0-248	Qal	--	83.2	6-25-64	600 est.	--	--	--	--	T	I	6, UR	DL 7,031. Well no. given as 18N/41-36dc-1 in ref. 6.
		18N/42-09bb	015	8-8-61	240	(10)	16	0-240	Qal	1/5,800	41.8	6-24-64	450	158.2	--	--	58	T	I	6, UR	DL 6,114. Well no. given as 18N/42-09bb-1 in ref. 6.
		18N/42-09cb-1	015	1960	--	--	16	--	Qal	--	40.8 (†)	5-1-63	--	--	--	--	--	--	I	6	
		18N/42-14c-1	015	--	12	--	--	--	Qal	--	4.2 (†)	6-24-64	--	--	--	--	--	--	D	6	
		18N/42-16bb	015	5-18-65	420	1/4	16	0-422	Qal	--	28	--	1,700	117	--	--	--	--	I	UR	DL 8,506.
		18N/42-17ab	015	8-18-65	410	1/4	16	0-412	Qal	--	46	--	1,300	325	--	--	--	--	I	UR	DL 8,766.
		18N/42-17ba-1	015	1960	--	--	--	--	Qal	--	46.9 (†)	5-1-63	--	--	--	--	--	--	I	6	
		18N/42-17bb	015	1-15-60	316	(10)	16	0-284	Qal	1/5,850	49.5-51.5 (†)	6-24-64	1,300	--	--	140	--	--	I	6, UR	DL 5,571. Well no. given as 18N/42-17bb-1 in ref. 6.
		18N/42-17bb	015	1-15-60	432	(10)	16	0-284	Qal	--	44	--	1,700	--	--	141	--	--	I	UR	DL 5,571a.
		18N/42-19ba	015	10-6-65	516	1/4	16	0-517	Qal	--	65	--	2,550	189	--	--	--	--	I	UR	DL 8,725.
		18N/42-19ca	015	4-1965	497	1/4	16	0-498	Qal	--	64	--	2,500	125	--	--	--	--	I	UR	DL 8,498.
		18N/42-20ba	015	5-25-62	499	1/4	16	0-274	Qal	--	63.4 (†)	6-24-64	200-300 est.	--	--	--	--	--	D, I	6, UR	DL 6,587. Deepening of well 18N/42-20b-1, ref. 6?
		18N/42-26-1	015	11-1956	47.4	.188	8	0 - 47.4	Qal	1/5,800	8.6 (†)	6-24-64	--	--	--	--	--	--	S	6, UR	DL 3,618. Well no. given as 18N/42-26c-1 in ref. 6.
		18N/42-28	015	11-1956 or 12-1956	20	1/4	10	0-20	Qal	--	10.2 (†)	6-25-64	--	--	--	--	--	--	S	6, UR	DL 3,614. Well no. given as 18N/42-28c-1 in ref. 6.
		18N/42-28b-1	015	--	--	--	10	--	Qal	--	7.6	6-24-64	--	--	--	--	--	--	S	6	
		18N/42-30bb	015	3-1965	506	1/4	16	--	Qal	--	65	--	3,000	57	--	--	--	--	I	UR	DL 8,428.
		18N/42-30cb-1	015	--	--	--	16	--	Qal	--	93.2 (†)	6-25-64	750	--	--	--	--	--	I	6	
		18N/42-30cb	015	2-19-64	520	1/4	16	0-520	Qal	--	65	--	2,400	93	--	--	--	--	I	UR	DL 7,713.
		18N/42-31bb	015	8-1964	401	1/4	16	0-402	Qal	--	65	--	2,600	83	--	--	--	--	I	UR	DL 8,169.
		18N/42-31bb-1	015	12-1949	221	--	16	--	Qal	--	48.5	6-24-64	1,380	31.5	--	--	--	--	I	6	
		18N/42-31cc-1	015	--	--	--	16	--	Qal	1/5,880	64.4 (†)	6-25-64	500 est.	--	--	--	--	--	I	6	
		18N/42-31cc	015	12-20-59	221	(10)	16	0-212	Qal	--	41	--	1,380	80	--	--	--	T	I	UR	DL 5,573.
		18N/42-33-2	015	11-1956	38.7	.188	8	0 - 38.7	Qal	1/5,820	17.2	6-24-64	500 est.	--	--	--	--	--	S	6, UR	DL 3,617. Well no. given as 18N/42-34c-1 in ref. 6.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		18N/42-35c-1	015	--	450	--	8	--	Qal	1/5,850	7.1 (?)	6-25-64	--	--	--	--	--	--	D, S	6	
		18N/43-06	015	7-31-59	241	(10)	16 3/8	0-241	Qal	1/5,740	8.7	6-25-64	1,880	29.3	--	9	--	--	I	6, UR	DL 5,574. Well no. given as 18N/43-06d-1 in ref.6.
		18N/43-17b-1	015	--	71	--	4	--	Qal	1/5,800	Flowing	6-24-64	--	--	--	--	--	--	D, I	6	
		18N/45-20	015	6-27-53	78	(12)	6	0-72	Qal,Pc(?)	1/6,080	36	--	--	--	--	--	--	--	D	UR	DL 2,297.
		18N/45-35c	015	--	40	--	--	--	Qal	1/5,705	20	--	5	--	--	--	--	--	D	UR	DL 451.
		18N/46-35 (Proj.)	015	6-5-54	175	3/8	10	0-64	Qal, Tv	1/5,725	110	--	--	--	--	--	--	--	Ind	UR	DL 2,579.
		18N/47-08d-1	015	--	--	--	6	--	Qal	6,317	--	--	--	--	--	--	71	P	S	19	CA. Well no. given as 18N/47-08c-1 in Ref. 19.
		18N/48-07b-1	015(?)	--	--	--	6	--	Qal	6,370	153.6	4-14-64	--	--	--	--	--	P	S	19	Near line between Lander and Eureka Counties.
		18N/50-28d-1	011	--	35	--	12	--	Qal	6,340	4.6 4.8	7-20-49 4-16-64	--	--	--	--	72	--	U	19	CA.
		18N/50-28d-2	011	10-1942	39.5	--	--	--	Qal	6,340	Flowing	7-20-49	500 (?)	--	4-16-64	--	158	--	S, D	19	CA.
		18N/51-10b-1	011	--	--	--	6	---	Qal	6,230	176.7	4-16-64	--	--	--	--	--	P	S	19	
		18N/51-18cc	011	8-21-43	648	308	12	0-40.4	Qal,Tv, Pc	6,160	Flowing --	8-8-49 --	14 76 (Test pumped)	-- --	8-8-49 --	-- --	72	--	I, D	19, UR	DL 216. Well no. given as 18N/51-18c-1 in ref. 19.
		18N/51-22cb	011	6-1950	135	3/16	6 3/8	--	Qal	6,230	58.8	4-16-64	--	--	--	--	69	P	S	19, UR	DL 1,330. Well no. given as 18N/51-22b-1 in ref.19.
		18N/51-30b-1	011	11-1943	--	--	--	--	Qal, Pc	6,090	Flowing	8-18-49	170 200	-- --	8-2-49 4-16-64	-- --	72	--	--	19	CA.
		18N/51-30da	011	11-18-43	738	.281	13	0-32	Qal, Pc (?)	6,090	Flowing	8-18-49	5 100 (Test pumped)	-- 12	8-18-49 --	-- --	54	--	I, D	11, 19, UR	DL 217. Well no. given as 18N/51-30d-1 in ref. 19.
		18N/51-34d-1	011	--	134	--	6	0-134 (?)	Qal	6,330	94.1 94.4	7-20-49 3-24-64	--	--	--	--	61	--	S	9, 11, 19	CA.
		18N/55-03c	033	6-1-65	176	1/4	16	0-176	Qal	1/5,934	57	6-1-65	450	--	6-1-65	--	63	--	I	UR	DL 8,537.
		18N/55-08d	033	8-4-62	147	(6)	10	0-147	Qal	1/5,960	118	--	--	--	--	--	--	--	Ind	UR	DL 6,693.
		18N/55-09bb	033	5-31-64	204	3/16	16	0-204	Qal	1/5,936	55	--	--	--	--	--	--	--	I	UR	DL 8,396.
		18N/55-11cd	033	4-20-64	240	3/16	14	0-83	Qal	1/5,918	45	--	---	--	--	--	--	--	--	UR	DL 8,397.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
		18N/55-23b-1	033	--	58.0	--	--	--	Qal	5,920	54.1 54.9	5-28-54 8-24-60	--	--	--	--	--	P	S	2, 21	DW. Well no. given as 18N/55-23b in ref. 21.
		18N/55-31c-1	033	--	43.2	Concrete	3	0-43.2 (?)	Qal	5,940	34.6 33.6	12-21-46 12-18-59	--	--	--	--	--	P	S	2, 21	DW. Well no. given as 18N/55-31c in ref. 21.
		18N/56-02b-1	033	--	143(?)	--	--	--	Qal	6,030	145-150	--	--	--	--	--	--	P	S	2, 21	DW.
		18N/56-21d-1	033	--	41	--	--	--	Qal	6,480	24.8	8-27-57	--	--	--	--	--	--	S	2, 21	DW.
		18N/56-33e-1	033	--	20.3	--	--	--	Qal	6,550	7.9	8-22-57	--	--	--	--	--	--	S	2, 21	DW.
		18N/57-15b-1	033	--	14.0	--	--	--	Qal	6,480	10.4	8-22-57	--	--	--	--	--	--	S	2, 21	DW.
		18½N/47-05d-1	015	--	115	--	6	--	Qal	6,299	81.5 80.8	4-15-47 3-16-48	--	--	--	--	--	P	S	19	Well no. given as 18½N/47-05c-1 in Ref. 19.
		19N/43-15dd	015	5-25-63	400	1/4	16	0-60	Qal	1/5,790	105	8-13-63	550	120	7-15-63	--	--	--	M	6, UR	DL 7,326. Well no. given as 19N/43-15dd-1 in ref. 6.
		19N/43-16d	015	8-27-47	110	--	6	0-107	Qal	1/5,760	64.9	6-24-64	--	--	--	--	--	--	S	6, UR	DL 106. Well no. given as 19N/43-16d-1 in ref. 6.
		19N/43-17d-1	015	1921	365	--	4	--	Qal	--	--	--	--	--	--	--	--	--	--	6	Oil test.
		19N/43-20da	015	9-17-47	345	--	8	0-58	Qal	1/5,715	Flowing	6-24-64	5	--	--	--	--	--	S	6, UR	DL 105. Well no. given as 19N/43-20d-1 in ref. 6.
		19N/44-13bd	015	9-9-59	55.5	3/16	6	0-55	Qal	1/6,480	12(?)	--	35	--	--	--	55	--	D	UR	DL 4,864.
		19N/45-35cb	015	1961(?)	50	--	12	0-50	Qal	1/5,990	0	--	--	--	--	--	--	--	I	UR	DL 6,304.
		19N/47-09a-1	015	--	119	--	--	--	Qal	6,359	--	--	--	--	--	--	--	--	S	19	
		19N/47-36bb	011	4-28-58	102	.188	8	0-102	Qal	6,260	56 47.6	4-19-58 4-14-64	--	--	--	--	--	--	Ind	19, UR	DL 7,146. Well no. given as 19N/47-36b-1 in raf. 19.
		19N/49-05cc	011	10-13-51	280	1/4	12	0-100	Qal	1/6,161	6+(?)	--	--	--	--	--	--	--	I	19, UR	DL 1,885. Well no. given as 19N/49-05d-1 in ref. 19.
		19N/49-18ca	011	9-1-59	90	.188	6 1/4	0-90	Qal	1/6,183	23	8-1959	15	--	--	--	52	--	S	19, UR	DL 5,515. Well no. given as 19N/48-12a-1 in ref. 19.
		19N/49-30ae	011	8-18-59	223	--	18	0-223	Qal, Tv (?)	6,280	85 90	8-1959 5-1964	--	--	--	--	--	--	D, I	11, 19, UR	DL 4,893. Well no. given as 19N/49-30a-1 in raf. 19.
		19N/50-16b-1	011	--	315	--	--	--	Qal,R:(?)	1/6,105	Flowing	8-18-49	--	--	--	--	--	--	D,S,I	19	
		19N/52-34d-1	011	--	540	--	6	--	Qal	7,210	461.3	11-17-53	--	--	--	--	--	--	U	19	
		19N/53-08ab-1	011	--	--	--	6	--	Qal	6,110	178.3	9-28-60	--	--	--	--	--	P	S	3	
		19N/53-12c-1	011	--	7.6	--	30	0-7.6 (?)	Qal	6,440	5.5	3-9-61	--	--	--	--	46	--	D	3	
		19N/53-13	011	1947	200	Steel	6	0-40	Tv	--	40	--	10	--	--	--	--	--	D	18, UR	DL 449.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		19N/53-13b	011	8-16-49	141	1/4	6	0-141	Qal	--	111	--	10	--	--	--	40	J	S	UR	DL 1,063.
		19N/53-13c	011	9-2-56	60	(12)	6	0-60	Qal	--	14	--	--	--	--	--	--	--	I	UR	DL 3,546.
		19N/53-14da	011	4-18-62	265	--	8(?)	0-265	Qal, Pc	1/6,465	44.3	4-5-66	--	--	--	--	--	--	I	UR	DL 8,329.
		19N/53-24 (or 22?)	011	8-9-61	294	5/16	6	0-294	Qal, Pcl	--	30	--	--	--	--	--	--	--	D	UR	DL 6,077.
		19N/53-25	011	7-24-54	60	3/16	16	0-60	Qal, Tv (?)	--	39	--	--	--	--	--	--	--	M	UR	DL 2,669.
		19N/53-25c	011	4-20-56	75	(12)	8	0-70	Qal	--	14	--	--	--	--	--	--	--	D	UR	DL 3,390.
		19N/55-15	033	11-7-63	200	3/16	16	0-200	Qal	1/5,877	35	--	--	--	--	--	--	--	I	UR	DL 7,878.
		19N/55-16aa-1	033	7-27-62	82	(6)	10	0-82	Qal	1/5,880	40	--	--	--	--	--	--	--	Ind	UR	DL 6,692.
		19N/56-30d-1	033	--	35	--	--	--	Qal	--	32.8	4-30-48	--	--	--	--	--	--	S	2	DW.
		19N/56-30d-2	033	--	37	Concrete	--	--	Qal	5,895	32.0 32.7	4-30-48 8-28-60	--	--	--	--	--	P	S	2, 21	
		19N/57-05a-1	033	--	61	--	6	0-61(?)	Qal	1/6,010	24.7	4-30-48	--	--	--	--	--	P	S	2	
		19N/57-05d	033	--	29	--	--	--	Qal	6,045	30	--	--	--	--	--	--	--	--	21	DW.
		19N/57-19b-1	033	--	130.5	--	--	--	Qal	5,995	108.1 108.5	4-29-48 8-28-60	--	--	--	--	--	P	S	2, 21	DW. Well no. given as 19N/57-19b in ref. 21.
		20N/42-35d-1 (Unsurveyed)	015	10-22-47	225	--	6	0-225	Qal	1/5,900	160	10-22-47	--	--	--	--	--	--	S	6, UR	DL 262.
		20N/43-14a	015	--	306	Steel	6	0-284	Qal	1/5,995	207.5	6-22-64	--	--	--	--	--	--	S	6, UR	DL 2,169. Well no. given as 20N/43-14a-1 in ref. 6.
		20N/43-33d-1	015	--	--	--	6	--	Qal	1/5,690	Flowing	6-24-64	--	--	--	--	--	--	S	6	
		20N/43-33	015	9-1-48	154	3/16	5	0-150	Qal	1/5,690	107	--	--	--	--	--	--	--	S	UR	DL 664.
		20N/43-35c-1	015	--	--	--	6	--	Qal	1/5,820	84.9	6-23-64	--	--	--	--	--	--	U	6	
		20N/45-02c	015	Prior to 2-1-47(?)	20	--	6	0-20	Qal	--	20	--	20	--	--	--	--	--	S	7, UR	DL 452(?). Well no. given as 20N/45-02c-1 in ref. 7?
		20N/49-09c-1	011	--	23	--	4	--	Qal	6,154	7.3	1-15-48	--	--	--	--	--	--	S	19	
		20N/49-09cd	011	9-15-51	250	3/16	12	0-100	Qal	1/6,165	6	--	--	--	--	--	--	--	I	19, UR	DL 1,887. Well no. given as 20N/49-09c-2 in ref. 19.
		20N/52-17c-1	011	--	25	--	6	--	Qal	1/6,008	6.3	11-1-53	--	--	--	--	--	--	S	19	
		20N/52-17d-1	011	--	90	--	10	--	Qal	1/6,016	17.8	11-18-53	300 - 500	--	11-8-53	--	--	--	I	19	
		20N/52-20e	011	5-10-51	120	1/8	9 3/4	0-120	Qal	1/6,015	16	5-1951	600	29	--	--	68	T	I	19, UR	DL 1,676. Well no. given as 20N/52-20a-1 in ref. 19.
		20N/53-01	011	9-15-60	173	Concrete	17	0-173	Qal	--	79.8	--	914	65.8	--	--	58	--	I	UR	DL 5,542.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
		20N/53-01bd-1	011	--	181	--	--	0-181(?)	Qal	5,955	81.8	9-12-61	--	--	--	--	--	T	I	3	
		20N/53-02dd	011	9-1-63	250	.219	16	0-250	Qal	--	102	--	--	--	--	--	58	--	I	UR	DL 8,114.
		20N/53-04ad	011	11-1-61	131	Concrete	13	0-131	Qal	--	55	--	2,790	27	--	--	58	--	I	UR	DL 6,313.
		20N/53-04d	011	4-9-61	177	3/16	16	0-177	Qal	--	54	--	1,600	24	--	--	58	--	I	UR	DL 6,152.
		20N/53-04dd-1	011	--	180	Concrete	13	0-180(?)	Qal	5,928	56.5	9-13-61	--	--	--	--	--	T	I	3	
		20N/53-10ad	011	7-19-61	180	(10)	16	0-182	Qal	5,994	71.5	9-13-61	1,600	25	--	--	54	T	I	3, UR	DL 6,117. Well no. given as 20N/53-10ad-1 in ref. 3.
		20N/53-10ba	011	1963(?)	220	3/16	16	0-214	Qal	--	--	--	--	--	--	--	--	--	I	UR	DL 7,401.
		20N/53-10ca	011	1963(?)	220	3/16	16	0-214	Qal	--	--	--	--	--	--	--	--	--	I	UR	DL 7,402.
		20N/53-10dd	011	8-9-61	200	(10)	16	0-200	Qal	5,953	80.0	9-13-61	1,620	27	--	--	54	T	I	3, UR	DL 6,118. Well no. given as 20N/53-10dd-1 in ref. 3.
		20N/53-11ac	011	5-1-62	182	1/4	16	0-182	Qal	--	85	--	--	--	--	--	58	--	I	UR	DL 6,889.
		20N/53-11cd	011	1964	300	1/8	16	0-240	Qal	--	90(?)	--	--	--	--	--	--	--	I	UR	DL 8,124.
		20N/53-11dd	011	5-28-62	275	3/16	16	0-256	Qal	--	96	--	--	--	--	--	--	--	--	UR	DL 8,125.
		20N/53-15b-1	011	--	99	Concrete	48	0-99	Qal	5,951	71.8 77.2	4-30-48 9-13-61	--	--	--	--	--	P	S	3, 9	
		20N/53-17cc	011	1-26-64	275	3/16	16	0-175	Qal	--	44	--	--	--	--	--	--	--	I	UR	DL 7,625.
		20N/53-17dc	011	5-1963	214	.219	16	0-214	Qal	--	52	--	--	--	--	--	58	--	I	UR	DL 7,586.
		20N/53-18	011	4-3-62	165	(8)	16	0-125	Qal, Tv (?)	--	44	--	--	--	--	--	--	--	I	11, 12, UR	DL 6,454.
		20N/53-20	011	8-27-64	260	3/16	16	0-258	Qal	--	81.7	--	--	--	--	--	--	--	I	11, 12, UR	DL 8,132.
		20N/53-20ad	011	4-15-65	275	3/16	16	0-275	Qal	--	95	--	--	--	--	--	--	--	I	UR	DL 8,497.
		20N/53-20dc	011	4-20-61	200	(10)	16	0-200	Qal	--	97	--	1,460	49(?)	--	3	58	T	S, I	UR	DL 7,640.
		20N/53-20cc	011	4-1-61	200	(10)	16	0-200	Qal	--	98	--	760	48(?)	--	2	58	T	S, I	UR	DL 7,641.
		20N/53-21ad	011	8-24-61	213	1/4	16	0-195	Qal	5,970	101.0	9-15-61	1,330	22	--	--	55	T	I	3, UR	DL 6,116. Well no. given as 20N/53-21ad-1 in ref. 3.
		20N/53-21ba	011	8-5-62	200	(10)	16	0-202	Qal	--	99	--	1,520	22	3-62	3	56	--	I	UR	DL 6,523.
		20N/53-21bd	011	4-14-64	248	3/16	17	0-248	Qal, Pc (?)	--	93	--	--	--	--	--	--	--	I	11, 12, UR	DL 7,993.
		20N/53-22bc	011	5-26-64	320	3/16	17	0-258	Qal, Pc (?)	--	132	--	1,800	88	--	--	--	--	I	11, 12, UR	DL 8,017.
		20N/53-23db-1	011	--	--	--	6	--	Qal	6,030	134.2	9-12-61	--	--	--	--	--	P	S	3	
		20N/53-24dc	011	10-15-56	155	(12)	8	0-155	Qal	2/6,110	120 125.0	-- 4-5-66	--	--	--	--	--	--	I	UR	DL 3,566.
		20N/53-28a	011	2-16-62	225	(10)	16	0-220	Qal	--	145	--	--	--	--	--	56	--	I	UR	DL 6,522.
		20N/53-28bd (or 20?)	011	5-18-65	230	3/16	16	0-230	Qal	--	128	--	--	--	--	--	--	--	I	UR	DL 8,589. Writing on log illegible.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		20N/53-29b-1	011	--	142	--	6	0-142	Qal	5,988	103.9	8-28-56	40	--	--	--	40	J	S	3	DL.
		20N/53-29b	011	3-12-63	302	9/64	16	0-196	Qal, Pc (?)	--	102	--	740	--	--	--	54	T	S, I	11, 12, UR	DL 7,465.
		20N/53-30ac	011	11-15-60	150	3/16	16	0-150	Qal	--	54.5	--	825	53.5	--	--	54	--	D, I	UR	DL 6,027(?).
		20N/53-30ab	011	12-1960	156	3/16	16	0-155	Qal	--	54.6	--	825	53.4	--	--	54	--	I	UR	DL 6,644.
		20N/53-31d-1	011	--	--	--	6(?)	--	Qal	--	157.4 158.4	1-20-56 9-27-60	--	--	--	--	--	--	S	9, 11	
		20N/53-32bd	011	12-4-61	218	3/8	12	0-203	Qal	--	--	--	--	--	--	--	70	--	I	UR	DL 6,312.
		20N/53-32cc	011	10-4-62	255	--	14	0-255	Qal	--	124.7	--	1,240	35.3	--	--	54	T	I	UR	DL 7,301.
		20N/54-19bc-1	011	--	189	--	8 3/4	0-189 (?)	Qal	6,070	168.1	9-12-61	--	--	--	--	--	--	U	3	
		20N/55-10d-1	033	--	22	Concrete	36(?)	0-22 (?)	Qal	5,871	8.2 9.5	1-14-48 12-21-59	--	--	--	--	--	--	S	2, 9	
		20N/55-34d-1	033	--	--	--	6(?)	--	Qal	1/5,897	25.8 24.2	1-14-48 6-16-49	--	--	--	--	--	P	S	2, 21	DW.
		21N/41-24bb-1	015	--	--	--	6	--	Qal, Tv (?)	--	458.0	4-24-63	--	--	--	--	--	--	S	1	
		21N/42-01c-1	015	8-1947	190	--	6	--	Qal	--	Flowing	6-23-64	--	--	--	--	--	--	S	6	
		21N/42-01	015	8-1947	190	--	6	0-151.5	Qal	--	Flowing	--	4	--	--	--	--	--	S	UR	DL 92.
		21N/42-24	015	8-1947	180	--	6	0-140.5	Qal	1/5,517	Flowing	--	4	--	--	--	--	--	S	UR	DL 94.
		21N/42-25	015	8-10-47	178	--	6(?)	--	Qal	1/5,533	Flowing	--	4	--	--	--	--	--	S	UR	DL 72.
		21N/42-25a-1	015	8-1947	177	--	6	--	Qal	--	--	6-7-48	--	--	--	--	--	--	S	6	
		21N/42-25a-2	015	--	9	--	48	--	Qal	1/5,555	5.4 (?)	6-7-48	--	--	--	--	--	--	U	6	
		21N/42-36b-1	015	8-1947	185	--	6	0-145	Qal	1/5,590	Flowing	6-8-48	4	--	--	--	56	--	S	6, UR	DL 93.
		21N/46-01bc	015	10-12-60	60	1/4	12 3/4	0-60	Qal	1/5,761	17	12-12-60	--	--	--	--	--	--	D	7, UR	DL 5,619. Well no. given as 21N/46-01b-1 in ref. 7.
		21N/46-09aa	015	10-20-60	32	1/4	12 3/4	0-32	Qal	1/5,893	9	12-12-60	--	--	--	--	--	--	S	7, UR	DL 5,618. Well no. given as 21N/46-09a-1 in ref. 7.
		21N/46-09d-1	015	--	--	--	48	--	Qal	--	53.2	6-15-65	--	--	--	--	--	--	D	7	CA.
		21N/48-10c-1	011	10-1947	20	--	6	--	Qal, Tv	6,600	10	10-47	--	--	--	--	--	--	D	19	
		21N/48-10d	011	1947	20	--	6	0-18	Qal, Tv	1/6,600	10	--	3	--	--	--	--	--	D	11, 12, UR	DL 448.
		21N/49-16c-1	011	1945	60	--	6	--	Qal	6,230	40.9 46.6	1-15-48 3-24-64	--	--	--	--	--	P	S,Obs	19	

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Table 1.--Hydrologic date for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of date	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		21N/53-01	011	7-27-61	210	1/4	16	0-210	Qal	--	--	--	--	--	--	--	65	--	I	UR	DL 6,058.
		21N/53-01d	011	2-3-61	182	3/16	16	0-182	Qal	--	33	--	2,200	69	--	--	58	--	I	UR	DL 6,155.
		21N/53-01dd	011	11-6-61	184	1/4	16	0-184	Qal	--	37	--	--	--	--	--	56	--	I	UR	DL 6,376.
		21N/53-01ac	011	8-3-61	184	1/4	16	0-184	Qal	--	38	--	--	--	--	--	58	--	I	UR	DL 6,722.
		21N/53-01bd	011	11-25-61	210	1/4	16	0-210	Qal	--	38	--	--	--	--	--	58	--	I	UR	DL 6,721.
		21N/53-01bd-1	011	--	--	--	16	--	Qal	5,882	32.4	9-13-61	--	--	--	--	--	T	I	3	
		21N/53-01cd-2	011	--	--	--	16	--	Qal	5,886	36.6	9-13-61	--	--	--	--	--	--	I	3	
		21N/53-02bc	011	10-22-63	190	.219	16	0-190	Qal	--	36	--	--	--	--	--		--	I	UR	DL 7,635.
		21N/53-02c	011	5-26-61	182	3/16	16	0-182	Qal	--	35	--	2,449	66	--	--	58	--	I	UR	DL 6,146.
		21N/53-03c	011	8-29-64	182	3/16	16	0-180	Qal	--	--	--	3,305 (?)	65 (?)	--	--	58	--	I	UR	DL 8,149.
		21N/53-03cd-1	011	--	182	--	16	--	Qal	5,883	37.8	9-13-61	--	--	--	--	--	T	I	3	DL.
		21N/53-03db-1	011	--	182	3/16	16	0-182	Qal	5,883	38.2	9-13-61	2,512	45	--	--	58	T	I	3	DL 6,060.
		21N/53-03dd	011	5-16-61	182	3/16	16	0-182	Qal	--	34	--	2,512	45	--	--	58	--	I	UR	DL 6,166.
		21N/53-04ad	011	5-3-61	182	1/4	16	0-222	Qal	--	36	--	--	--	--	--	63	--	I	UR	DL 6,709.
		21N/53-04bd	011	6-17-63	188	1/4	16	0-188	Qal	--	37	--	--	--	--	--	58	--	I	UR	DL 7,426.
		21N/53-04cd	011	7-21-63	188	1/4	16	0-188	Qal	--	42	--	--	--	--	--	58	--	I	UR	DL 7,425.
		21N/53-04dd	011	9-30-60	182	1/4	16	0-182	Qal	5,885	34.1	9-12-61	2,160	53	--	--	58	--	I	3, UR	DL 5,549. Well no. given as 21N/53-04dd-1 in ref. 3.
		21N/53-04dd	011	7-17-61	200	1/4	16	0-180	Qal	5,886	37.6	9-12-61	--	--	--	--	65	T	I	3, UR	DL 6,774. Well no. given as 21N/53-04dd-2 in ref. 3.
		21N/53-05c-1	011	--	42	--	48 (?)	0-42 (?)	Qal	5,879	28.9 30.9	3-26-56 9-12-61	--	--	--	--	--	P	S	3, 9, 11	
		21N/53-06	011	1-30-64	252	Steel	16	0-252	Qal	--	38	--	2,520	142	--	8	59	--	I	UR	DL 7,653.
		21N/53-06ae	011	10-17-63	210	--	15	0-210	Qal	--	32	--	--	--	--	--	58	--	I	UR	DL 7,445.
		21N/53-06dc	011	7-26-62	120	(10)	16	0-120	Qal	--	39	--	--	--	--	--	58	--	I	UR	DL 6,670.
		21N/53-06dd	011	2-15-62	175	1/4	14	0-175	Qal	--	33	--	--	--	--	--	58	--	I	UR	DL 6,640.
		21N/53-07bb	011	6-13-64	182	.219	16	0-182	Qal	--	47	--	--	--	--	--	--	--	I	UR	DL 7,874.
		21N/53-07de	011	4-10-62	164	(10)	18	0-162	Qal, Tv (?)	--	39	--	--	--	--	--	58	--	I	11, 12, UR	
		21N/53-08e	011	5-11-61	192	Concrete	13	0-192	Qal	--	46	--	2,364	58	--	--	59	--	I	UR	DL 6,063.
		21N/53-08ac	011	7-14-62	180	Concrete	13	0-184	Qal	--	39	--	--	--	--	--	58	--	I	UR	DL 6,669.
		21N/53-08c	011	5-13-61	164	Concrete	13	0-164	Qal	--	46	--	2,556	29	--	--	59	--	I	UR	DL 6,062.

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Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		21N/53-08c	Oll	5-16-61	164	Concrete	13	0-164	Qal	--	46	--	2,556	29	--	--	58	--	I	UR	DL 6,158.
		21N/53-08d	Oll	5-16-61	192	Concrete	13	0-192	Qal	5,896	42.1	9-12-61	2,364	58	--	--	58	--	I	3, UR	DL 6,159. Ref. 3 gives no. as 21N/53-08dc-1.
		21N/53-09a-1	Oll	7-23-64	183	3/16	16	0-183	Qal	--	54	--	2,965	54	--	3 3/4	58	--	I	UR	DL 8,144.
		21N/53-09d(?)	Oll	8-11-61	182	Concrete	13	0-182	Qal	--	46	8-10-61	2,556	44	8-10-61	--	58	--	I	UR	DL 6,149.
		21N/53-09b	Oll	7-20-64	183	3/16	16	0-183	Qal	--	55	--	3,035	80	--	2 3/4	58	--	I	UR	DL 8,143.
		21N/53-09c	Oll	8-11-61	182	Concrete	13	0-182	Qal	--	43	8-18-61	2,430	37	8-18-61	--	58	--	I	UR	DL 6,148.
		21N/53-10ac	Oll	9-8-62	176	2	13	1-176	Qal	--	43	--	2,510	42	--	--	53	--	I	UR	DL 7,364.
		21N/53-10bc	Oll	9-5-62	176	2	13	1-176	Qal	--	43	--	2,460	35	--	--	53	--	I	UR	DL 7,363.
		21N/53-10c	Oll	7-18-61	182	Concrete	13	0-182	Qal	--	52	--	2,490	56	--	--	58	--	I	UR	DL 6,161.
		21N/53-10dc	Oll	7-26-61	182	Concrete	13	0-182	Qal	--	52	--	2,556	47	--	--	58	--	I	UR	DL 6,150.
		21N/53-10dc-1	Oll	--	--	--	13	--	Qal	5,892	41.9	9-13-61	--	--	--	--	--	--	I	3	
		21N/53-11ad	Oll	10-30-62	183	1/4	16	0-182	Qal	--	43	--	--	--	--	--	58	--	I	UR	DL 6,892.
		21N/53-11bs	Oll	11-6-60	192	1/4	16	0-192	Qal	--	36	--	2,240	72	--	--	58	--	I	UR	DL 5,578.
		21N/53-11cs	Oll	9-30-60	186	Concrete	17	0-186	Qal	--	36	--	1,500	75	--	--	58	--	I	UR	DL 5,551.
		21N/53-11ad	Oll	10-25-62	192	1/4	16	0-192	Qal	--	52	--	--	--	--	--	58	--	I	UR	DL 8,692. Range 53 (?).
		21N/53-11dd	Oll	10-29-62	183	1/4	16	0-183	Qal	--	46	--	--	--	--	--	58	--	I	UR	DL 8,693.
		21N/53-11dd	Oll	10-26-62	192	1/4	16	0-192	Qal	--	45	--	--	--	--	--	58	--	I	UR	DL 6,891.
		21N/53-12a	Oll	4-5-63	230	1/4	16	0-230	Qal	--	42	--	--	--	--	--	58	--	I	UR	DL 7,429.
		21N/53-12bc	Oll	8-20-61	200	1/4	16	0-200	Qal	--	42	--	--	--	--	--	63	--	D, I	UR	DL 6,689.
		21N/53-12cc	Oll	5-12-61	200	1/4	16	0-200	Qal	--	44	--	--	--	--	--	63	--	D, I	UR	DL 6,688.
		21N/53-12cc-1	Oll	--	--	--	16	--	Qal	5,895	41.7	9-13-61	--	--	--	--	--	T	I	3	
		21N/53-12d	Oll	2-2-61	192	3/16	16	0-192	Qal	--	38	--	1,253	61	--	--	58	--	I	UR	DL 6,162.
		21N/53-13as	Oll	6-18-62	250	1/4	16	0-250	Qal	--	63	--	--	--	--	--	58	--	I	UR	DL 6,631.
		21N/53-13ba	Oll	4-16-61	182	Steel	16	0-182	Qal	--	38	--	2,350	57	--	--	58	--	I	UR	DL 6,151.
		21N/53-13bb-1	Oll	--	182	--	16	0-182	Qal	5,897	42.2	9-13-61	2,300	57	--	--	--	T	I	3	
		21N/53-13cs	Oll	6-20-60	171	Concrete	17	0-171	Qal	--	42	--	1,506	46	--	--	58	--	I	UR	DL 5,545.
		21N/53-13ds	Oll	6-26-62	250	1/4	16	0-250	Qal	--	63	--	--	--	--	--	58	--	I	UR	DL 6,630
		21N/53-14aa	Oll	4-16-61	182	3/16	16	0-182	Qal	5,898	42	4-15-61	2,350	57	--	--	58	T	I	3, UR	DL 6,154. Ref. 3 gives no. as 21N/53-14aa-1.

Table 1.—Hydrologic data for water wells in central Nevada
Rng. 1-21 E. and Rs. 41-57 E. —Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		21N/53-14ba	011	1-11-63	182	1/4	16	0-182	Qal	--	42	--	--	--	--	--	58	--	I	UR	DL 6,979.
		21N/53-14ca	011	9-14-62	180	1/4	16	0-180	Qal	--	45	--	--	--	--	--	58	--	I	UR	DL 6,754.
		21N/53-14da	011	11-9-60	182	1/4	16	0-182	Qal	5,900	44.5	--	1,480	74	--	--	58	--	I	3, UR	DL 5,582. Ref. 3 gives no. as 21N/53-14da-1.
		21N/53-15ac	011	8-24-62	180	1/4	16	0-180	Qal	--	34	--	--	--	--	--	63	--	D, I	UR	DL 6,724
		21N/53-15bc	011	9-27-60	182	1/4	16	0-182	Qal	5,900	43.3	9-13-61	2,205	72	--	--	58	--	I	3, UR	DL 5,548. Ref. 3 gives no. as 21N/53-15bc-1.
		21N/53-15cc	011	10-12-62	182	1/4	16	0-182	Qal	--	47	--	--	--	--	--	58	--	I	UR	DL 7,419.
		21N/53-15dc (?)	011	10-14-62	180	1/4	16	0-180	Qal	--	39	--	--	--	--	--	58	--	I	UR	DL 7,420.
		21N/53-15de	011	10-14-62	180	1/4	16	0-180	Qal	--	45	--	--	--	--	--	58	--	I	UR	DL 8,694.
		21N/53-16ad	011	6-15-62	182	1/4	16	0-182	Qal	--	44	--	--	--	--	--	58	--	I	UR	DL 6,638.
		21N/53-16bc	011	10-19-62	182	1/4	16	0-182	Qal	--	43	--	--	--	--	--	58	--	I	UR	DL 7,447.
		21N/53-16cc	011	10-7-60	183	1/4	16	0-183	Qal	--	56.5	--	2,550	23.5	--	--	58	--	I	UR	DL 5,550.
		21N/53-16cc	011	11-16-62	182	1/4	16	0-182	Qal	--	44	--	--	--	--	--	58	--	I	UR	DL 6,888.
		21N/53-17bb	011	4-28-64	165	.250	16	0-165	Qal	--	56	--	--	--	--	--	50	--	I	UR	DL 7,854.
		21N/53-17cc	011	6-3-64	200	.219	16	0-200	Qal	--	56	--	--	--	--	--	--	--	I	UR	DL 7,888.
		21N/53-18cc	011	6-11-64	134	.219	16	0-134	Qal	--	55	--	--	--	--	--	--	--	I	UR	DL 7,873.
		21N/53-18da	011	1-21-64	165	(10)	16	0-39	Qal, Tv (?)	--	65	--	--	--	--	--	--	--	I	11, 12, UR	DL 7,646.
		21N/53-20a	011	9-13-61	196	3/16	16	0-196	Qal	--	72	--	2,748	38	--	--	58	--	I	UR	DL 6,169.
		21N/53-20ae-1	011	--	196	--	16	0-196 (?)	Qal	5,930	70.8	9-12-61	--	--	--	--	--	--	I	3	
		21N/53-20ce	011	9-13-61	172	3/16	16	0-172	Qal	--	78	--	1,480	45	--	--	59	--	I	UR	DL 6,168.
		21N/53-20ce	011	4-21-62	150	3/16	16	0-150	Qal, Tv (?)	--	83	4-20-63	1,404	37	--	--	58	--	I	11, 12, UR	DL 6,509.
		21N/53-20d	011	9-12-62	183	4	16	0-183	Qal, Tv (?)	--	83	--	2,522	21	--	--	58	--	I	11, 12, UR	DL 6,769.
		21N/53-21a	011	3-16-61	182	3/16	16	0-182	Qal	5,910	48	3-15-61	2,410	53	--	--	58	T	I	3, UR	DL 6,153. Ref. 3 gives no. as 21N/53-21aa-1.
		21N/53-21ac	011	5-8-63	180	1/4	16	0-180	Qal, Tv (?)	--	42	--	--	--	--	--	58	--	I	11, 12, UR	DL 7,872.
		21N/53-21bc	011	8-31-61	190	1/4	16	0-190	Qal, Tv (?)	--	52	--	--	--	--	--	63	--	D, I	11, 12, UR	DL 6,725.
		21N/53-21bc-1	011	--	--	--	16	--	Qal	5,917	59.2	9-12-61	--	--	--	--	--	--	I	3	
		21N/53-21cc	011	10-24-62	186	1/4	16	0-186	Qal, Tv (?)	--	78	--	--	--	--	--	58	--	I	11, 12, UR	DL 7,448.

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		21N/53-21dc (?)	Ol1	5-8-63	180	1/4	16	0-180	Qal, Tv (?)	--	42	--	--	--	--	--	58	--	I	11, 12, UR	DL 7,208.
		21N/53-22ad	Ol1	12-30-62	260	1/4	16	0-260	Qal	--	42	--	2,540	106	1-4-63	1½(?)	58	--	I	UR	DL 6,978.
		21N/53-22ba	Ol1	5-12-63	180	1/4	16	0-180	Qal	--	51	--	--	--	--	--	58	--	I	UR	DL 7,430.
		21N/53-22ca	Ol1	11-7-62	222	1/4	16	0-222	Qal, Tv (?)	--	44	--	--	--	--	--	58	--	I	11, 12, UR	DL 6,964.
		21N/53-22cd-1	Ol1	--	--	--	6	--	Qal	5,910	50.4	9-13-61	--	--	--	--	--	P	S	3	
		21N/53-22dc	Ol1	6-7-60	117	Steel	16	0-117	Qal	5,910	47.6	6-7-60	1,750	26	--	--	58	--	I	3, UR	DL 5,546. Ref. 3 gives no. as 21N/53-22dc-1.
		21N/53-23aa	Ol1	9-18-60	172	Concrete	17	0-172	Qal	--	44	--	2,480	38	--	8	58	--	I	UR	DL 5,547.
		21N/53-23ba	Ol1	6-22-62	216	1/4	16	0-216	Qal	--	65	--	--	--	--	--	58	--	I	UR	DL 6,632.
		21N/53-23ce	Ol1	4-16-61	177	3/16	16	0-177	Qal	--	43	--	2,410	51	--	--	58	--	I	UR	DL 6,147.
		21N/53-23de	Ol1	6-18-60	166	Concrete	17	0-166	Qal	5,905	49.9	9-13-61	2,040	27	--	--	58	--	I	3, UR	DL 5,544. Ref. 3 gives no. as 21N/53-23da-1.
		21N/53-24a	Ol1	11-10-61	186	Concrete	17	0-186	Qal	--	34	--	585	106	--	--	58	--	I	UR	DL 6,201(?).
		21N/53-24bd	Ol1	10-26-62	400	3/16	16	0-240	Qal	--	48	--	--	--	--	--	--	--	I	UR	DL 7,115.
		21N/53-24cd	Ol1	1964	280	1/4	16	0-280	Qal	--	62	--	--	--	--	--	58	--	I	UR	DL 7,941.
		21N/53-26aa-1	Ol1	--	--	--	13	--	Qal	5,910	50.6	9-13-61	--	--	--	--	--	--	I	3	
		21N/53-26ac	Ol1	9-13-61	181	Concrete	13	0-181	Qal	--	48	--	2,890	39	--	--	58	--	I	UR	DL 6,167.
		21N/53-26ba	Ol1	11-11-60	176	1/4	16	0-176	Qal	5,910	54	11-11-60	2,250	61	--	--	58	T	I	3, UR	DL 5,581. Ref. 3 gives no. as 21N/53-26ba-1.
		21N/53-26ca	Ol1	9-5-62	162	1/4	16	0-162	Qal	--	54	--	--	--	--	--	58	--	I	UR	DL 6,720.
		21N/53-26da	Ol1	8-1962	184	Concrete	13	0-184	Qal	--	49	--	585	97	--	--	58	--	I	UR	DL 6,673.
		21N/53-26da	Ol1	5-30-64	218	.219	16	0-218	Qal	--	--	--	--	--	--	--	58	--	I	UR	DL 7,954.
		21N/53-27b	Ol1	9-8-62	232	Concrete	17	0-232	Qal	--	58	--	2,522	58	--	--	58	--	I	UR	DL 6,770.
		21N/53-27cc	Ol1	11-15-60	151	3/16	16	0-151	Qal	5,915	54.4	9-12-61	2,480	49	--	--	59	T	I	3, UR	DL 5,597. Ref. 3 gives no. as 21N/53-27cc-1.
		21N/53-27d	Ol1	8-5-64	198	3/16	16	0-198	Qal	--	60	--	2,870	40	--	--	58	--	I	UR	DL 8,173.
		21N/53-27dc	Ol1	2-18-64	248	.219	16	0-248	Qal	--	--	--	--	--	--	--	58	--	I	UR	DL 7,654.
		21N/53-28aa	Ol1	1964	210	.219	16	0-210	Qal	--	55(?)	--	--	--	--	--	58	--	I	UR	DL 7,953.
		21N/53-28cc	Ol1	2-10-64	186	.219	16	0-186	Qal	--	82	--	2,520	78(?)	--	--	58	--	I	UR	DL 7,652.
		21N/53-28cc	Ol1	8-25-64	185	3/16	16	0-185	Qal	--	--	--	2,920	45(?)	--	--	58	--	I	UR	DL 8,151.
		21N/53-28dd	Ol1	2-15-61	209	1/4	16½	0-205	Qal	--	54	--	2,240	56	--	2½	54	T	I	UR	DL 6,437.
		21N/53-29a	Ol1	6-15-61	188	--	16	0-188	Qal	--	85	--	2,250	19	--	--	--	--	I	UR	DL 6,751.

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Data	Rate (gpm)	Draw-down (ft)	Date	Duration (hrs)					
		21N/53-29bd	011	6-6-60	250	1/4	16½	0-230	Qal, Tv	--	84	--	--	--	--	--	--	--	I	11, 12, UR	DL 5,270.
		21N/53-29bd	011	5-15-64	170	--	16	0-170	Qal, Tv (?)	--	80	--	--	--	--	--	58	--	I	11, 12, UR	DL 8,251.
		21N/53-33a	011	4-17-61	112	Concrete	13	0-112	Qal	--	56	--	2,410	28	--	--	58	--	I	UR	DL 6,157.
		21N/53-33ac-1	011	--	118	--	13	0-118 (?)	Qal	5,920	56	--	2,400	37	--	--	--	T	I	3	
		21N/53-33d	011	4-19-61	112	Concrete	13	0-112	Qal	--	57	--	2,315	37	--	--	58	--	I	UR	DL 6,156.
		21N/53-33dd-1	011	--	118	--	13	0-118 (?)	Qal	5,922	56	--	--	--	--	--	--	T	I	3	--
		21N/53-34a	011	7-10-61	128	Concrete	13	0-128	Qal	--	60	--	2,460	28	--	--	58	--	I	UR	DL 6,674.
		21N/53-34a	011	8-28-62	126	Concrete	17	0-126	Qal	--	59.5	--	1,092	22.5	--	--	58	--	I	UR	DL 6,863.
		21N/53-34bb-1	011	--	--	--	13	--	Qal	5,922	57.1	9-13-61	--	--	--	--	--	--	I	3	
		21N/53-34c	011	8-30-62	126	Concrete	17	0-126	Qal	--	60.8	--	1,620	18.2	--	--	58	--	I	UR	DL 6,864.
		21N/53-34d	011	7-20-61	157	Concrete	13	0-157	Qal, Tv (?)	--	60	--	2,430	36	--	--	58	--	I	11, 12, UR	DL number not legible.
		21N/53-35	011	9-28-63	300	3/16	16	0-185	Qal	--	--	--	--	--	--	--	--	--	I	UR	DL 7,434.
		21N/53-35cd	011	6-13-61	195	(10)	18	0-195	Qal	5,922	51.6	9-13-61	1,640	42	--	--	54	T	I	3, UR	DL 5,969. Well no. given as 21N/53-35cd-1 in ref. 3.
		21N/53-35dd	011	6-7-61	187	(10)	16	0-189	Qal	--	63	--	1,350	--	--	--	54	T	I	UR	DL 5,968.
		21N/53-36ac	011	8-29-60	152	Concrete	17	0-152	Qal	--	61.5	--	863	66.5	--	--	58	--	I	UR	DL 5,543.
		21N/53-36ac	011	5-1-63	300	.219	16	0-250	Qal	--	68	--	1,200	42	--	--	--	T	I	UR	DL 7,286.
		21N/53-36ad	011	4-15-62	300	(7)	16	0-166	Qal	--	64	--	1,000	--	--	30 day	57	T	I	UR	DL 6,550.
		21N/53-36cd	011	8-14-62	274	3/16	16	0-112	Qal	--	79.2	--	1,100	--	--	16	58	T	S, I	UR	DL 6,694.
		21N/54-04ad	011	10-8-50	120	--	12	0-120	Qal	5,893	38.2	9-13-61	1,000	--	--	--	--	T	I	3, UR	DL 1,478. Well no. given as 21N/54-04ad-1 in ref. 3.
		21N/54-05ab	011	4-17-64	244	.219	16	0-244	Qal	--	21	--	--	--	--	--	58	--	I	UR	DL 7,974.
		21N/54-05ba	011	10-10-62	150	(10)	--	--	Qal	--	22	--	--	--	--	--	58	--	I	UR	DL 6,887.
		21N/54-05ba	011	10-10-62	150	(10)	--	0-150	Qal	--	22	--	--	--	--	--	58	--	I	UR	DL 7,700.
		21N/54-05cc	011	11-20-61	150	(10)	15	0-150	Qal	--	21	--	--	--	--	--	--	--	I	UR	DL 6,461.
		21N/54-05dc	011	4-18-62	190	1/4	14	0-190	Qal	--	21	--	--	--	--	--	58	--	I	UR	DL 6,641.
		21N/54-08cc	011	8-29-64	203	.219	16	0-203	Qal	--	37	--	--	--	--	--	50	--	I	UR	DL 8,061.
		21N/54-08dd	011	9-15-64	245	1/4	16	0-240	Qal	--	48(?)	--	--	--	--	--	52	--	I	UR	DL 8,081.
		21N/54-09bc-2	011	--	--	--	6	--	Qal	5,881	87.2	9-13-61	--	--	--	--	--	P	S	3	
		21N/54-16cd	011	7-31-60	240	3/16	16	0-240	Qal	--	120	--	2,100	75	--	5	--	--	I	UR	DL 7,324.
		21N/54-17ab	011	4-3-63	210	3/16	16	0-210	Qal	--	44.7	--	--	--	--	--	--	--	I	UR	DL 7,101.
		21N/54-17ab	011	4-13-62	225	3/16	16	0-222	Qal	--	40.7	--	--	--	--	--	--	--	I	UR	DL 7,124.

GPO 830-814

Table 1.--Hydrologic data for water wells in central Nevada
Tps. 1-21 N. and Rs. 41-57 E. --Continued

Latitude North (degrees, minutes, and seconds)	Longitude West (degrees, minutes, and seconds)	Well no.	County	Date drilled	Depth of well (ft)	Casing			Aquifer	Altitude (ft)	Water level		Yield				Temp (°F)	Type of pump	Use	Sources of data	Remarks
						Type (gauge) or thickness (in.)	Diam. (in.)	Depth (ft)			Depth (ft)	Date	Rate (gpm)	Drawdown (ft)	Date	Duration (hrs)					
		21N/54-17dd	011	6-15-62	200	(10)	16	0-200	Qal	--	105	--	--	--	--	--	--	--	I	UR	DL 6,635.
		21N/54-17cd	011	6-24-62	240	3/16	16	0-240	Qal	--	60	--	--	--	--	--	--	--	I	UR	DL 6,637.
		21N/54-20cc	011	6-16-62	230	3/16	16	0-222	Qal	--	80	--	--	--	--	--	--	--	I	UR	DL 6,633.
		21N/54-20dd	011	7-10-62	240	3/16	16	0-240	Qal	--	150	--	--	--	--	--	--	--	I	UR	DL 6,634.
		21N/54-29cb	011	4-27-53	130	1/4	8	0-115	Qal	5,955	87.2	9-13-61	--	--	--	--	--	P	S	3, UR	DL 2,216. Well no. given as 21N/54-29cb-1 in mf. 3.
		21N/55-03d-1	033	--	8.5	Concrete	42	0-8.5 (?)	Qal(?)	1/ 5,852	4.8 6.9	4-30-48 12-18-59	--	--	--	--	--	P	S	2	
		21N/55-10c-1	033	--	33.5	Wood	--	0-34 (?)	Qal(?)	1/ 5,940	17.8 18.9	1-14-48 12-21-59	--	--	--	--	--	--	D	2, 9	
		21N/55-22c-1	033	--	18	Concrete	42	0-18 (?)	Qal(?)	1/ 5,858	8.3	4-30-48	--	--	--	--	--	--	U	2	DW.
		21N/55-27c	033	--	--	--	--	--	Qal	--	--	--	--	--	--	--	--	--	S	21	DW.
		21N/57-32cc	033	11-19-58	130	1/4	6	0-130	Qal	1/ 7,100	74	--	20	2	--	--	--	--	S	UR	DL 4,342. Probable well no.

1/ Interpolated from 1:62,500 topographic maps with contour intervals of mostly 40 feet, but a few 80 feet, and from 1:250,000 Army Map Service maps with contour intervals of 100 feet.

GPO 831-975

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.

Explanation

Spring number:	See text for explanation of well and spring numbering system.
County:	Eureka: 011 Lander: 015 Lincoln: 017 Nye: 023 White Pine: 033
Aquifer:	Qal (alluvium and other valley fill) Pc (Paleozoic carbonate) Tv (volcanic)
Temperature:	Temperature of water.
Use:	D, domestic (a source that furnishes drinking and culinary water for one or several households; I, irrigation; S, stock; Pf, public facilities (sources available to segments of the general public other than municipal supply, including such places as hospitals, military bases, and public parks.)
Sources of data:	Numbers refer to references listed on pages 11-13 ~~16-18~~.
Remarks:	CA, chemical analysis available; RC, radiochemical analysis available.

Table 2.--Hydrologic data for springs in central Nevada
Tps. 1-21 N. and Rs. 41-57 E.

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
2N/57-07	017	Qal	--	--	--	--	21	At county line.
3N/57-28	023	Pc(?)	--	--	--	--	21	
4N/50-20c	023	Tv	--	--	--	--	10, 17, 23	
4N/50-20c	023	Tv	--	--	--	--	10, 17, 23	
4N/50-20c-1	023	Tv	--	--	--	--	26	CA.
5N/46-28	023	Tv	--	--	--	--	10	
6N/47-36a	023	Qal	--	--	--	--	10	
6N/54-11a-1	023	Tv	--	--	--	--	26	CA.
6N/57-05	023	Qal	30 (total for 2 springs)	--	60	S	23	
6N/57-05	023	Qal		--	60	S	23	
7N/42-17c	023	Tv	--	--	--	--	23	
7N/50-23d-1	023	Qal	--	--	--	--	26	CA.
7N/51-30	023	Tv	--	--	--	--	23	Several spgs.
7N/55-16	023	Qal	100 (total for 3 springs)	--	130 - 160	S	23	
7N/55-16	023	Qal		--	130-- 160	S	23	
7N/55-16	023	Qal		--	130 - 160	S	23	
7N/55-16c-1	023	Qal	--	--	--	--	26	CA.

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
7N/57-28	023	Qal	10	--	59	S	23	
8N/49-24d-1	023	Pc	--	--	--	--	26	CA.
8N/49-25	023	Pc(?)	--	--	--	--	22, 24	
8N/50-29d-1	023	Pc	--	--	--	--	26	CA. Composite sample from a 3-spring complex.
8N/50-29d-2	023	Pc	--	--	--	--	26	
8N/50-29d-3	023	Pc	--	--	--	--	26	
8N/55-14b-1	023	Tv	--	--	--	--	26	CA.
8N/55-15	023	Qal	2,000 (total for 4 springs)	--	93 - 99	I	23	
8N/55-15	023	Qal		--	93 - 99	I	23	
8N/55-15	023	Qal		--	93 - 99	I	23	
8N/55-15	023	Qal		--	93 - 99	I	23	
8N/55-15d-1	023	Tv	--	--	--	--	26	CA.
8N/57-11	023	Qal	1,385 (total for 2 springs)	--	82	I	23, 28	CA.
8N/57-11	023	Qal		--	82	I	23, 28	
8N/57-14	023	Qal	14	--	73	D, I	23	
8N/57-27	023	Qal	227 (total for 2 springs)	--	64	I	23	
8N/57-27	023	Qal		--	64	I	23	

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
8N/57-34	023	Qal	2 (total for 2 springs)	--	57	S	23	
8N/57-34	023	Qal		--	57	S	23	
10N/43-05a	023	Qal	--	--	--	--	13	
10N/44-16c	023	Qal	--	--	--	--	13	CA. See S14, p. 154, ref. 13.
11N/42-14	023	Tv	600	--	--	--	23	
11N/43-05c	023	Qal	--	--	--	--	13	
11N/43-07	023	Qal	--	--	180 - 200	I, Pf	20	CA. RC.
11N/43-07d	023	Qal	--	--	190	--	13	
11N/43-08b	023	Qal	--	--	58	--	13	CA. See S12, p. 154, ref. 13.
11N/43-08b	023	Qal	--	--	58	--	13	
11N/43-08b	023	Qal	--	--	58	--	13	
11N/43-08c	023	Qal	--	--	--	--	13	
11N/43-08c	023	Qal	--	--	--	--	13	
11N/43-18b	023	Qal	--	--	--	--	13	CA. See S13, p. 154, ref. 13. Main spring at house.
11N/43-18d	023	Qal	900	9-13	53 - 59½	--	13	

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
11N/43-19	023	Qal	900	9-13	53 - 59½	--	13	
11N/43-32d	023	Qal	--	--	--	--	13	
11N/49-26	023	Tv	--	--	--	--	23	
11N/49-35	023	Tv	--	--	--	--	23	
11N/54-24	023	Qal	<1	--	--	--	21	
11N/55-06b	023	Qal(?)	<1	--	--	--	21	
12N/43-03bb	023	Qal	--	--	--	--	13	
12N/43-04aa	023	Qal	--	--	--	--	13	
12N/43-04ab	023	Qal	--	--	--	--	13	
12N/43-04ac	023	Qal	--	--	54	--	13	
12N/43-09ab	023	Qal	--	--	--	--	13	
12N/43-22d	023	Qal	1	9-13	51	--	13	CA. See S11, p. 154, ref. 13.
12N/56-05b	023	Qal	--	--	--	--	21	
12N/56-14c	023	Qal	--	--	--	--	21	
13N/43-05a	023	Qal	--	--	--	--	13	
13N/43-05a	023	Qal	--	--	--	--	13	
13N/43-05cd	023	Qal	--	--	--	--	13	CA. See S9, p. 154, ref. 13.

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
13N/43-05ca	023	Qal	--	--	--	--	13	
13N/43-05cb	023	Qal	--	--	--	--	13	
13N/43-18a	023	Qal	--	--	--	--	13	
13N/43-18d	023	Qal	--	--	--	--	13	
13N/43-18d	023	Qal	--	--	--	--	13	
13N/43-34c	023	Qal	--	--	--	--	13	
13N/44-16dc	023	Qal	--	--	--	--	13, 23	
13N/44-21ab	023	Qal	--	--	--	--	13, 23	
13N/44-21cc	023	Qal	--	--	--	--	13, 23	
13N/44-29aa	023	Qal	--	--	--	--	13, 23	
13N/44-29bd	023	Qal	--	--	50 (9-23-13)	--	13, 23	CA. See S10, p. 154, ref. 13.
13N/44-29cb	023	Qal	--	--	--	--	13, 23	
13N/44-29da	023	Qal	--	--	--	--	13, 23	
13N/55-05b	023	Qal	--	--	--	--	21	
13N/55-19	023	Tv(?)	1	--	--	S	21	
13N/55-20	023	Qal	.5	--	--	S	21	

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
13N/55-29	023	Qal	0.5	--	--	S	21	
13N/56-32	023	Qal	--	--	--	I	23	
13N/56-32c	023	Qal	6,270	--	--	I	21	
14N/43-15b	023	Qal	--	--	--	--	13, 14, 23	
14N/43-17a	023	Qal	--	--	--	--	13, 14, 23	CA. See S8, p. 154, ref. 13.
14N/43-20cc	023	Qal	--	--	--	--	13	
14N/43-22a	023	Qal	--	--	--	--	13, 14, 23	
14N/43-22b	023	Qal	--	--	61 (9-12-13)	--	13, 14, 23	CA. See S7, p. 154, ref. 13.
14N/43-24b	023	Qal	--	--	--	--	13, 14, 23	
14N/43-27cb	023	Qal	30(?)	--	--	--	13	
14N/43-27	023	Qal	--	--	--	--	23	
14N/43-28ad	023	Qal	--	--	57.5	--	13	
14N/43-28ad	023	Qal	--	--	57.5	--	13	
14N/43-28da	023	Qal	--	--	--	--	13	

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
14N/47-01	023	Tv	--	--	--	--	23	
14N/47-22	023	Qal	--	--	--	--	23	
14N/56-14d	033	Pc	2,240	--	--	I	21	
14N/56-23	033	Pc(?)	--	--	--	--	23, 27	CA.in ref. 27.
14N/56-25b	033	Pc	--	--	--	S, I	21	
14N/57-23b	033	Pc	1	--	--	S	21	
15N/44-22b	023	Qal	450	9-22-13	--	--	13	CA. See S6, p. 154, ref. 13.
15N/55-04	033	Pc(?)	--	--	--	--	21	
15N/55-29	033	Pc(?)	--	--	--	S	21	
15N/57-33c	033	Qal	896	--	--	I	21	
16N/45-14	015	Tv	5	--	--	--	23	
16N/53-07	011	Qal	4,000	--	66	I	23	About 20 deep pools in 0.5 mile diameter area at head of Fish Creek.
16N/53-08a-1	011	Pc	--	--	--	--	26	CA.
16N/53-09c-1	011	Pc	--	--	--	--	26	CA.

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
16N/57-15	033	Pc(?)	00	--	--	S	21	
17N/44-33	015	Qal	270	6-13-15	54 (9-29-14)	--	13	
17N/45-13a	015	Tv	--	--	117 - 144	--	13, 14, 23	See Plate II, ref. 13.
17N/45-13d	015	Tv	--	--	117 - 144	--	13, 14, 23	Do
17N/45-13d	015	Tv	--	--	117 - 144	--	13, 14, 23	Do
17N/45-13d	015	Tv	--	--	117 - 144	--	13, 14, 23	Do
17N/45½-24b	015	Tv	--	--	117 - 144	--	13, 14, 23	CA. See S5, p. 154, ref. 13.
17N/57-35c	033	Pc	--	--	--	--	21	
18N/42-22c-1	015	Qal	--	--	--	--	6	CA.
18N/50-28	011	Qal	100	--	142	S	23	
18N/55-07c	033	Qal	--	--	--	S	21	
18N/56-16c	033	Qal, Tv(?)	--	--	--	--	2	
18N/56-21b	033	Pc(?)	--	--	--	S	21	
18N/57-11d	033	Tv	--	--	--	S	21	

Table 2.--Hydrologic data for springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

Spring no.	County	Aquifer	Yield		Temp (°F)	Use	Sources of data	Remarks
			Rate (gpm)	Date				
19N/50-05	011	Qal	10	--	105	--	23	
19N/50-05	011	Qal	10	--	108	--	23	
19N/55-31a	033	Pc	2	--	--	S	21	
19N/55-31d	033	Pc	2	--	--	S	21	
19N/57-34a	033	Pc	--	--	--	S	21	
20N/56-23c	033	Qal	1.5	--	--	S	21	
20N/57-06a	033	Pc	--	--	--	--	21	
21N/42-11b	015	Tv	1	--	--	U	29	Map-no. 65, plate 8, ref. 29.
21N/56-05b	033	Qal	--	--	--	S, I	21	
21N/56-10b	033	Pc	225	--	--	S, I	21	
21N/56-15d	033	Pc	--	--	--	--	21	

Table 3.--Average monthly and annual inches precipitation in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.

(County code: 011, Eureka; 015, Lander; 023, Nye; and 033, White Pine)

Site	County	Location T.	Location R.	Location Sec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Sources of data	Remarks
Tonopah	023	2 N.	42 E.	2	0.43	0.42	0.54	0.59	0.38	0.21	0.38	0.44	0.37	0.49	0.34	0.39	4.98	19	Period of record: 1907-53. Alt, 6,093 ft.
Tonopah Airport	023	3 N.	44 E.	31	.25	.32	.16	.20	.70	.09	.54	.43	.43	.22	.28	.16	3.78	19	Period of record: 1954-62. Alt, 5,426 ft.
Belmont	023	9 N.	45 E.	26	.85	1.01	.97	.68	.80	.40	.48	.84	.47	.65	.29	1.09	8.53	19	Period of record: 1889-96, 1900-05, and 1915-16. Alt, 7,600 ft.
Potts	023	15 N.	47 E.	35	.56	.66	.74	.72	.95	.36	.51	.44	.27	.33	.37	.42	6.33	19	Period of record: 1892-1919. Alt, 6,635 ft.
Fish Creek Ranch	011	16 N.	53 E.	10	.44	.32	.53	.51	.62	.34	.55	.48	.53	.33	.59	.50	5.74	19	Period of record; 1944-62 (continuing). Alt, 6,050 ft.
Hamilton	033	16 N.	58 E.	18	2.29	2.15	2.23	1.29	1.49	.88	.53	.99	.63	1.22	1.65	2.50	14.88	2	Period of record, 4 years: 1878, 1879, 1895, and 1901. Partial record in 1877, 1880, 1896, 1897, 1900, 1902-09. Alt, 7,977 ft. Location uncertain.
Charnac Basin	011	17 N.	49 E.	20	.92	1.46	1.12	1.24	2.02	.66	.41	.66	.63	.62	1.04	.83	11.61	19	Period of record: 1955-61 (Storage gage). Alt, 8,500 ft.
Austin	015	19 N.	44 E.	19	1.14	1.14	1.46	1.64	1.43	.80	.60	.53	.48	.93	.85	1.06	12.06	7	Period of record: 1877-1964 (continuing). Alt, 6,594 ft.
Eureka	011	19 N.	53 E.	13	1.11	1.08	1.49	1.33	1.49	.86	.73	.66	.66	.89	.66	.82	11.78	3	Period of record, 40 years: 1889, 1891, 1902-18, 1922-30, 1939-42, 1953-60 (continuously). Alt, 6,550 ft.

Table 4.--Streamflow in central Nevada,
Tps. 1-21 N. and Rs. 41-57 E.

(Estimated, unless otherwise indicated)

(County code: 011, Eureka; 015, Lander; 023, Nye; and 033, White Pine)

Site	County	Location			Date	Discharge (cfs)	Remarks
		T.	R.	Sec.			
Reveille Wash	023	2 N.	51 E.	20	10-21-65	0	Map-no. 29, ref. 26.
Warm Springs	023	4 N.	50 E.	20	10-21-65	1.5	Map-no. 24, ref. 26.
Warm Springs Creek	023	4 N.	50 E.	21	10-21-65	.2	Map-no. 25, ref. 26.
Do	023	4 N.	50 E.	23	10-21-65	.15	Map-no. 26, ref. 26.
Reveille Wash	023	4 N.	51 E.	16	10-21-65	0	Map-no. 30, ref. 26.
Hot Creek above ranch	023	4 N.	51 E.	13	10-21-65	0	Map-no. 31, ref. 26.
Hot Creek below ranch	023	4 N.	52 E.	19	11-03-65	.4	Map-no. 32, ref. 26.
Warm Springs Creek	023	5 N.	51 E.	33	10-21-65	0	Map-no. 27, ref. 26.
Unnamed wash	023	6 N.	50 E.	35	10-21-65	0	Map-no. 28, ref. 26.
Hot Creek at Hwy.	023	6 N.	51 E.	21	10-21-65	0	Map-no. 23, ref. 26.
Tybo Creek	023	7 N.	50 E.	26	10-20-65	0	Map-no. 18, ref. 26.
Moores Creek at crossing	023	7 N.	51 E.	4	10-20-65	0	Map-no. 22, ref. 26.
Unnamed wash	023	7 N.	53 E.	13	10-21-65	0	Map-no. 39, ref. 26.
Fish Lake Creek at gap	023	8 N.	49 E.	8	9-01-65 10-19-65	0 0	Map-no. 10, ref. 26.
Hot Creek	023	8 N.	49 E.	29	9-01-65 10-19-65	0 0	Map-no. 11, ref. 26.
Hot Creek	023	8 N.	49 E.	21	9-01-65	.01	Map-no. 12, ref. 26.

Table 4.--Streamflow in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

(Estimated, unless otherwise indicated)

(County code: 011, Eureka; 015, Lander; 023, Nye; and 033, White Pine)

Site	County	Location			Date	Discharge (cfs)	Remarks
		T.	R.	Sec.			
Hot Creek at upper ranch	023	8 N.	49 E.	25	9-01-65 11-03-65	[1] [1]/.80	Map-no. 13, ref. 26.
Hot Creek below lower spgs.	023	8 N.	50 E.	32	10-20-65 11-03-65	[2] [1]/1.69	Map-no. 14, ref. 26.
Hot Creek below ranch	023	8 N.	50 E.	34	10-20-65	1.3	Map-no. 15, ref. 26.
Sixmile Creek	023	8 N.	50 E.	--	10-20-65	.2	Map-no. 16, ref. 26.
Sixmile Creek	023	8 N.	50 E.	24	10-20-65	0	Map-no. 17, ref. 26.
Meadow Creek	023	9 N.	46 E.	8	4-15-64	0.4	Map-no. 1, ref. 19.
Barley Creek	023	9 N.	47 E.	16	4-15-64	2	Map-no. 4, ref. 19.
Moores Creek at crossing	023	9 N.	51 E.	24	9-02-65 10-20-65	0 0	Map-no. 21, ref. 26.
Unnamed wash	023	9 N.	53 E.	--	10-21-65	0	Map-no. 38, ref. 26.
Corcoran Canyon	023	10 N.	46 E.	28	4-15-64	.2	Map-no. 3, ref. 19.
Meadow Creek	023	10 N.	46 E.	35	4-15-64	.02	Map-no. 2, ref. 19.
Danville Creek	023	10 N.	49 E.	3	10-19-65	.2	Map-no. 7, ref. 26.
Clover Creek	023	10 N.	49 E.	29	5-31-65	[1]/.20	Map-no. 8, ref. 26.
Fish Lake Creek at crossing	023	10 N.	49 E.	34	9-01-65	0	Map-no. 9, ref. 26.
Moores Creek at Moores Station	023	10 N.	51 E.	--	9-02-65 10-20-65	.02 .1	Map-no. 20, ref. 26.

Table 4.--Streamflow in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

(Estimated, unless otherwise indicated)

(County code: 011, Eureka; 015, Lander; 023, Nye; and 033, White Pine)

Site	County	Location			Date	Discharge (cfs)	Remarks
		T.	R.	Sec.			
Pine Creek	023	11 N.	46 E.	16	5-21-64	2	Map-no. 5, ref. 19.
Meadow Creek	023	11 N.	47 E.	6	5-21-64	0	Map-no. 5a, ref. 19.
Danville Creek above spring	023	11 N.	48 E.	25	9-01-65	1	Map-no. 5, ref. 26.
Danville Canyon Spring	023	11 N.	48 E.	25	9-01-65	.1	Map-no. 5, ref. 26.
Danville Creek at crossing	023	11 N.	49 E.	23	5-31-65 9-01-65	1/.81 1	Map-no. 6, ref. 26.
Clear Creek at ranch	023	11 N.	49 E.	4	9-01-65	1.5	Map-no. 3, ref. 26.
Sawmill Creek at crossing	023	11 N.	49 E.	16	9-01-65	.1	Map-no. 4, ref. 26.
Fish Lake Creek	023	11 N.	50 E.	7	10-19-65	.05	Map-no. 2, ref. 26.
Moores Creek	023	11 N.	51 E.	25	9-02-65	0	Map-no. 19, ref. 26.
South Fork, Mesquito Creek	023	12 N.	47 E.	32	4-15-64	2	Map-no. 6, ref. 19.
Fish Lake Creek at crossing	023	12 N.	50 E.	5	10-19-65	0	Map-no. 1, ref. 26.
Tributary to Stoneberger Creek	023	13 N.	47 E.	9	4-15-64	0	Map-no. 7, ref. 19.
Do	023	14 N.	47 E.	2	4-15-64	2	Map-no. 9, ref. 19.
Do	023	14 N.	47 E.	22	4-15-64	2	Map-no. 8, ref. 19
Willow Creek	023	14 N.	51 E.	24	6-01-65	1/.14	Map-no. 35, ref. 26.

Table 4.--Streamflow in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

(Estimated, unless otherwise indicated)

(County code: 011, Eureka; 015, Lander; 023, Nye; and 033, White Pine)

Site	County	Location			Date	Discharge (cfs)	Remarks
		T.	R.	Sec.			
Stoneberger Creek	023	15 N.	47 E.	14	4-15-64	1.5	Map-no. 10, ref. 19.
Willow Creek	023	15 N.	47 E.	25	4-15-64	.5	Map-no. 12, ref. 19.
White Sage Canyon	023	15 N.	48 E.	15	5-21-64	0	Map-no. 13, ref. 19.
Tributary to Willow Creek	023	15 N.	48 E.	29	5-21-64	1	Map-no. 11, ref. 19.
Copenhagen Canyon	023	15 N.	49 E.	24	5-21-64	2	Map-no. 23, ref. 19.
Unnamed wash	023	15 N.	53 E.	36	10-20-65	0	Map-no. 36, ref. 26.
Stoneberger Creek	015	16 N.	47 E.	3	4-13-64	0	Map-no. 14, ref. 19.
Do	015	16 N.	47 E.	35	4-13-64	0	Map-no. 13a, ref. 19.
Nine Mile Creek	011	16 N.	50 E.	25	5-21-64	1.5	Map-no. 26, ref. 19.
Antelope Wash	011	16 N.	50 E.	26	5-21-64	0	Map-no. 25, ref. 19.
Copenhagen Canyon	011	16 N.	50 E.	30	5-21-64	0	Map-no. 24, ref. 19.
Fish Creek Springs	011	16 N.	53 E.	8	11-01-65	1/ 5.4	Map-no. 33, ref. 26.
Fish Creek at road	011	16 N.	53 E.	12	9-03-65 10-18-65	.05 .05	Map-no. 34, ref. 26.
Allison Creek	011	17 N.	50 E.	29	4-15-64	0	Map-no. 29, ref. 19.
Do	011	17 N.	50 E.	30	4-15-64	1	Map-no. 28, ref. 19.
Antelope Wash	011	17 N.	50 E.	31	4-15-64	0	Map-no. 27, ref. 19.
Fish Creek at gap	033	17 N.	54 E.	14	10-20-65	0	Map-no. 37, ref. 26.
Hot Spring Wash	011	18 N.	50 E.	28	4-15-64	1	Map-no. 30, ref. 19.

Table 4.--Streamflow in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

(Estimated, unless otherwise indicated)

(County code: 011, Eureka; 015, Lander; 023, Nye; and 033, White Pine)

Site	County	Location			Date	Discharge (cfs)	Remarks
		T.	R.	Sec.			
Stoneberger Creek	015	19 N.	47 E.	35	4-13-64	0	Map-no. 15, ref. 19.
Willow Creek	011	19 N.	49 E.	20	5-18-64	1	Map-no. 17, ref. 19.
Daggett Creek	011	19 N.	51 E.	7	4-16-64	1.5	Map-no. 32, ref. 19.
Browns Canyon	011	19 N.	51 E.	21	4-16-64	0	Map-no. 33, ref. 19.
Antelope Wash	011	19 N.	51 E.	30	4-16-64	0	Map-no. 31, ref. 19.
Cottonwood Spring at road	015	20 N.	45 E.	4	6-14-65	0	Map-no. 13, ref. 7.
Ackerman Canyon	015	20 N.	47 E.	25	5-19-64	.5	Map-no. 16, ref. 19.
Tributary to Coils Creek	011	20 N.	49 E.	23	5-19-64	1	Map-no. 20, ref. 19.
Tributary to Slough Creek	011	20 N.	51 E.	11	5-19-64	0	Map-no. 35, ref. 19.
Do	011	20 N.	51 E.	12	5-19-64	0	Map-no. 37, ref. 19.
Slough Creek	011	20 N.	51 E.	22	5-19-64	1.5	Map-no. 34, ref. 19.
Slough Creek at Devils Gate	011	20 N.	52 E.	26	5-19-64	2.5	Map-no. 38, ref. 19.
Callaghan Creek above ranch	015	21 N.	45 E.	28	6-14-65 10-22-65	5 a/1.05	Map-no. 8, ref. 7.
Skull Creek	015	21 N.	46 E.	8	6-14-65 10-22-65	15 a/.59	Map-no. 10, ref. 7.
Callaghan Creek at crossing	015	21 N.	46 E.	17	6-14-65	3	Map-no. 9, ref. 7.

Table 4.--Streamflow in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

(Estimated, unless otherwise indicated)

(County code: 011, Eureka; 015, Lander; 023, Nye; and 033, White Pine)

Site	County	Location			Date	Discharge (cfs)	Remarks
		T.	R.	Sec.			
Unnamed creek at crossing	015	21 N.	46 E.	17	6-14-65	.5	Map-no. 11, ref. 7.
Skull Creek at crossing	015	21 N.	46 E.	9	6-14-65	10	Map-no. 12, ref. 7.
Steiner Creek	015	21 N.	46 E.	27	5-14-65 10-22-65	2/ 3.40 2/ .17	Map-no. 14, ref. 7.
Ox Corral Creek at crossing	015	21 N.	46 E.	28	6-15-65	4	Map-no. 15, ref. 7.
Unnamed creek	015	21 N.	46 E.	2	5-14-65 6-14-65	2/ .51 1.25	Map-no. 17, ref. 7.
Ferguson Creek	011	21 N.	48 E.	11	5-19-64	4	Map-no. 19, ref. 19.
Tributary to Slough Creek	011	21 N.	51 E.	26	5-19-64	0	Map-no. 36, ref. 19.

1/ Measured with flow meter.

2/ Measured with current meter.

Table 5.--Percentages of wells that penetrate different aquifers

Types of rock: Qal, alluvium and other valley fill; Tv, volcanic; Pc, Paleozoic carbonate; Pcl, Paleozoic clastic.

Probable types of rock supplying water to wells	Number of wells penetrating types of rock indicated	Percentage of wells penetrating types of rock indicated	Number of wells penetrating consolidated rocks	Percentage of wells penetrating consolidated rocks
Qal	532	87.7	--	--
Qal, Tv	43	7.1	43	58.0
Qal, Pc	10	1.7	10	14.0
Qal, Pcl	6	1.0	6	8.0
Qal, Tv, Pc	1	.2	1	1.0
Tv	11	1.8	11	15.0
Pc	1	.2	1	1.0
Pcl	2	.3	6	3.0
Total	606	100.0	78	100.0

Table 6.--Uses of wells in central Nevada
(Tps. 1-21 N. and Rs. 41-57 E.)

Domestic	Industrial	Stock	Municipal	Irrigation	Multiple use	Observation	Unused	Use not given	Total number of wells
62	32	177	16	275	29	2	49	23	606

Table 7.--Uses of springs in central Nevada
(Tps. 1-21 N. and Rs. 41-57 E.)

Domestic	Stock	Irrigation	Public facility	Multiple use	Use not given	Total number of springs
1	25	18	1	5	95	135

Table 8.--Chemical data for wells and springs in central Nevada, Sps. 1-21 N. and Rs. 41-57 E.

(Unless noted otherwise, chemical data are in parts per million)

Location	Well or spring (W, S)	Date of collection	Temperature (°F)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Na + K (Calc.)	Potassium (K)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Phosphate (PO_4)	Dissolved solids (residue on evaporation)	Hardness as $CaCO_3$: Calcium magnesium	Hardness as $CaCO_3$: Noncarbonate	Sodium adsorption ratio	Specific conductance (micromhos at 25°C)	Percent sodium	pH	Source[1] of data	Remarks
3N/41-10c	W	8-31-13	--	74	--	51	14		352		0	807	11	192	--	C.0	--	--	1,190	185	0	11	--	92	--	13	See W16, p. 171, ref. 13.
4N/44-08ba-1	W	5- 1-57	--	80	0.01	43	2.4	85		7.4	0	137	34	13	0.5	11	--	0.20	270	117	5	1.0	327	32	7.4	20	2/
4N/48-17	S	--	--	80	--	83	2.1	36		7.8	0	130	19	13	.5	2.4	0.0	--	--	66	0	1.9	--	57	--	4	
4N/50-20c-1	S	10-17-65	141	--	--	55	36		206		0	712	98	32	--	--	--	--	--	285	0	5.3	1,270	61	7.9	26	
4N/51-13d-1	W	10-20-65	63	--	--	30	5.4		74		0	248	32	15	--	--	--	--	--	97	0	3.2	487	62	7.4	26	
4N/51-29c-1	W	10-17-65	62	--	--	74	25		77		0	428	56	33	--	--	--	--	--	288	0	2.0	848	37	7.3	26	
5N/41-06a	W	9- 6-13	--	44	tr	73	8		45		0	187	95	42	--	3.6	--	--	433	215	68	1.3	--	33	--	13	See W15, p. 171, ref. 13.
5N/55-28cc	W	--	64	--	--	18	12	42		5	0	158	80	46	--	--	--	--	355	94	0	1.9		46	7.6	18	
6N/51-15a-1	W	10-17-65	--	--	--	19	4.0		59		0	184	24	12	--	--	--	--	--	64	0	3.2	363	67	7.6	26	
6N/54-11a-1	S	11- 2-65	85	--	--	106	30		138		0	736	57	19	--	--	--	--	--	388	0	3.1	1,170	44	7.6	26	
7N/42-17c	W	9- 7-13	--	28	tr	45	7.4		31		0	139	69	18	--	.0	--	--	313	142	29	1.1	--	32	--	13	See W14, p. 171, ref. 13.
7N/44-36c-1	W	--	--	57	--	39	9.4	32		5.8	0	154	37	14	.1	2.5	0	--	--	120	0	1.3	--	39	--	4	
7N/50-23d-1	S	10-17-65	--	--	--	35	54		564		51	1,120	302	156	--	--	--	--	--	310	0	14	2,540	80	8.5	26	
7N/55-16c-1	S	11- 2-65	150	--	--	72	22		70		0	433	51	11	--	--	--	--	--	270	0	1.9	763	36	7.4	26	
8N/43-21a	W	9- 8-13	--	14	tr	397	71		56		0	151	1,170	41	--	.8	--	--	1,980	1,280	1,160	.7	--	9	--	13	See W12, p. 171, ref. 13.
8N/44-29b	W	9- 8-13	--	13	tr	98	7		16		0	236	69	17	--	9.0	--	--	346	258	66	.4	--	12	--	13	See W13, p. 171, ref. 13.
8N/49-24d-1	S	8-29-65	98	--	--	18	26		52		0	204	64	22	--	--	--	--	--	152	0	1.8	462	43	8.0	26	
8N/50-29d-1,2,3	S	8-30-65	94	--	--	13	26		124		0	340	81	33	--	--	--	--	--	140	0	4.6	718	66	8.2	26	
8N/55-14b-1	S	11- 2-65	95	--	--	63	23		60		0	380	60	12	--	--	--	--	--	260	0	1.6	694	33	7.6	26	
8N/55-15d-1	S	11- 2-65	95	--	--	59	23		68		0	376	63	12	--	--	--	--	--	242	0	1.9	684	38	8.1	26	
8N/56-01b	W	10-31-12	--	83	1.7	86	8.9		69		0	223	6	45	--	3.0	--	--	421	100	--	--	--	--	--	28	Potash well.
8N/56-02d-1	W	6- 8-54	--	80	.05	17	11	65		10	0	220	22	24	.9	.5	--	--	324	88	0	3.0	448	58	7.8	20	
10N/43-04c	W	10- 1-13	--	32	tr	86	9		5		0	200	69	15	--	9.4	--	--	321	252	99	.1	--	4	--	13	See W11, p. 171, ref. 13.
10N/44-16c	S	9- 9-13	--	24	tr	39	4.3		21		0	124	38	14	--	.0	--	--	220	115	13	1.2	--	28	--	13	See S14, p. 154, ref. 13.
10N/49-11c-1	W	10-30-65	65	--	--	37	58		18		0	260	105	33	--	--	--	--	--	331	118	.4	628	11	8.2	26	
11N/43-01c	W	9-26-13	--	38	.8	68	5.6		70		0	290	58	34	--	.0	--	--	439	198	0	2.2	--	44	--	13	See W9, p. 171, ref. 13.
11N/43-08b	S	9-30-13	--	18	tr	34	8		1		0	105	26	6	--	tr	--	--	131	118	32	.0	--	2	--	13	See S12, p. 154, ref. 13.
11N/43-22c	W	9-10-13	--	14	tr	43	3.9		33		0	141	31	34	--	tr	--	--	224	123	8	1.3	--	37	--	13	See W10, p. 171, ref. 13.
11N/43-07	S	1-31-57	--	105	.1	1.2	.0	104		2.4	24	112	40	12	15	.0	.27	.10	369	3	0	26	472	99	8.7	20	
12N/43-04c	W	9-27-13	--	14	tr	39	13		0		0	114	34	13	--	2.8	--	--	180	151	58	--	--	--	--	13	See W8, p. 171, ref. 13.
12N/43-22d	S	9-27-13	--	16	tr	88	1.9		6		0	80	13	4	--	8.0	--	--	120	78	12	.3	--	14	--	13	See S11, p. 154, ref. 13.
13N/43-04b	W	9-11-13	--	110	tr	80	tr		144,000		29,400	3,960	18,600	169,000	--	82	--	--	370,000	200	0	4,440	--	99.9	--	13	See W4, p. 171, ref. 13.
13N/43-05	S	9-11-13	--	13	--	46	7.4		1.1		0	129	32	6	--	.0	--	--	157	145	40	.0	--	2	--	13	See S9, p. 154, ref. 13.

Table 8.—Chemical data for wells and springs in central Nevada, Tps. 1-21 N. and 1s. 21-37 E.—Continued

(Unless noted otherwise, chemical data are in parts per million)

Location	Well or spring (W, S)	Date of collection	Temperature (°F)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Na + K (Calc.)	Potassium (K)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Phosphate (PO_4)	Dissolved solids (residue on evaporation)	Hardness as $CaCO_3$: Calcium magnesium	Hardness as $CaCO_3$: Noncarbonate	Sodium adsorption ratio	Specific conductance (micromhos at 25°C)	Percent sodium	pH	Source[1] of data	Remarks
13N/43-05b	W	10- 6-14	--	24	tr	38	7		5		0	124	25	5	--	0.2	--	--	179	124	22	0.2	--	8	--	13	See W5, p. 157, ref. 13.
13N/43-18d	W	9-29-13	--	27	--	79	18		6		0	266	48	11	--	tr	--	--	329	271	53	.2	--	5	--	13	See W6, p. 157, ref. 13.
13N/43-20c	W	10- 7-14	--	24	tr	61	7		14		26	149	33	9	--	--	--	--	239	181	16	.5	--	14	--	13	See W7, p. 157, ref. 13.
13N/44-29bd	S	9-23-13	--	45	tr	27	4		11		0	96	17	8	--	.2	--	--	189	84	6	.5	--	22	--	13	See S10, p. 154, ref. 13.
13N/47-29c-1	W	4-14-64	54	--	--	48	39	201		--	20	212	340	110	--	--	--	--	--	280	73	5.3	1,470	61	8.7	19	
14N/41-18d	W	5- -16	--	39	.02	51	14		41		0	237	41	27	--	.0	--	--	368	185	0	1.3	--	33	--	29	See no. 85, p. 129, ref. 29.
14N/43-10a	W	9-20-13	--	16	.2	22	2.6		4.4		0	75	8	4	--	--	--	--	104	65	4	.2	--	13	--	13	See W3, p. 157, ref. 13.
14N/43-22b	S	9-12-13	--	23	tr	92	9.1		7		4.8	224	62	19	--	.0	--	--	353	266	75	.2	--	5	--	13	See S7, p. 154, ref. 13.
15N/41-28a-1	W	8- 5-64	--	--	--	27	5.2		46		0	173	24	15	--	--	--	--	--	89	0	2.1	363	53	7.6	6	
15N/44-02c	W	9-19-13	--	39	4.8	68	32		70		0	444	tr	68	--	3.6	--	--	494	301	0	1.8	--	39	--	13	See W2, p. 157, ref. 13.
15N/44-22b	S	9-22-13	--	14	tr	73	24		3.1		0	283	41	9	--	--	--	--	302	280	48	.1	--	2	--	13	See S6, p. 154, ref. 13.
15N/54-06d-1	W	10-20-65	57	--	--	30	4.6		16		0	126	20	6.6	--	--	--	--	--	94	0	.7	254	27	7.6	26	
16N/42-07b	W	9- -16	--	44	tr	84	tr		32		12	212	55	20	--	.0	--	--	366	210	16	1.0	--	25	--	29	See no. 82, p. 129, ref. 29.
16N/42-19d	W	9- -16	--	67	tr	64	10		62		0	237	64	17	--	54	--	--	468	200	6	1.9	--	40	--	29	See no. 83, p. 129, ref. 29.
16N/42-19dd-1	W	8- 5-64	--	--	--	43	7.9		67		0	280	44	6.6	--	--	--	--	--	140	0	2.5	562	51	8.0	6	
16N/44-23a	W	9-18-13	--	46	1.5	93	58		98		0	422	90	171	--	3.4	--	--	764	470	124	2.0	--	31	--	13	See W1, p. 157, ref. 13.
16N/47-04d-1	W	4-14-64	60	--	--	30	8.8	31		--	0	182	55	15	--	--	--	--	--	161	12	1.1	460	30	7.6	19	
16N/50-29a-1	W	4-16-64	57	--	--	53	19	22		--	14	212	68	9	--	--	--	--	--	211	13	.7	481	19	8.7	19	
16N/53-08a-1	S	8-30-65	63	--	--	88	29		38		0	267	37	11	--	--	--	--	--	189	0	1.2	444	30	8.2	26	
16N/53-09c-1	S	8-29-65	64	--	--	37	29		36		0	273	51	8.6	--	--	--	--	--	212	0	1.1	462	27	8.2	26	
17N/42-06cb-1	W	8- 5-64	--	--	--	35	5.0		18		0	137	20	9.6	--	--	--	--	--	108	0	.2	280	26	8.0	6	
17N/45½-24b	S	9-16-13	144	34	.2	27	18		197		12	646	58	28	--	0	--	--	802	216	0	5.9	--	7	--	13	See S5, p. 154, ref. 13.
17N/54-16b-1	W	10-20-65	57	--	--	28	24		31		0	219	48	9.0	--	--	--	--	--	169	0	1.0	409	29	7.9	26	
18N/42-11b	W	9- -16	--	54	tr	73	42		66		14	417	109	17	--	.0	--	--	590	360	0	1.5	--	29	--	29	See no. 72, p. 129, ref. 29.
18N/42-21c	W	9- -16	--	37	tr	67	15		46		0	310	40	23	--	.0	--	--	410	228	0	1.3	--	30	--	29	See no. 74, p. 129, ref. 29.
18N/42-22c-1	S	8- 5-64	--	--	--	20	14		43		17	97	64	19	--	--	--	--	--	108	0	1.8	385	47	8.9	6	
18N/42-26c-1	W	6-23-64	--	--	--	61	11		40		0	265	38	19	--	--	--	--	--	198	0	1.2	545	30	7.7	6	
18N/42-30cb-1	W	6-24-64	--	--	--	19	1.8		42		0	136	20	10	--	--	--	--	--	55	0	2.5	294	63	7.8	6	
18N/42-31cc-1	W	8- 5-64	--	--	--	34	4.4		24		0	139	24	11	--	--	--	--	--	103	0	1.0	284	33	8.1	6	
18N/42-35b	W	9- -16	--	22	tr	64	35		4.5		0	273	75	8.0	--	.0	--	--	369	304	80	.1	--	3	--	29	See no. 76, p. 129, ref. 29.
18N/43-08b	W	9- -16	--	17	tr	65	28		2.8		0	261	27	7.0	--	.0	--	--	345	277	63	.1	--	2	--	29	See no. 78, p. 129, ref. 29
18N/43-09b	W	9- -16	--	33	tr	157	52		22		0	670	89	8.0	--	.0	--	--	694	606	56	.4	--	7	--	29	See no. 80, p. 129, ref. 29.
18N/43-17b-1	W	8- 5-64	--	--	--	59	27		16		0	268	59	7.8	--	--	--	--	--	258	39	.4	526	12	7.8	6	
18N/47-08d-1	W	4-14-64	71	--	--	62	12	36		--	0	160	88	43	--	--	--	--	--	204	73	1.1	579	28	7.8	19	Well no. given as 18N/47-20a-1 in Ref. 19.

Table 8.--Chemical data for wells and springs in central Nevada, Tps. 1-21 N. and Rs. 41-57 E.--Continued

(Unless noted otherwise, chemical data are in parts per million)

Location	Well or spring (W, S)	Date of collection	Temperature (°F)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Na + K (Calc.)	Potassium (K)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Phosphate (PO_4)	Dissolved solids (residue on evaporation)	Hardness as $CaCO_3$: Calcium magnesium	Hardness as $CaCO_3$: Noncarbonate	Sodium adsorption ratio	Specific conductance (micromhos at 25°C)	Percent sodium	pH	Source of data 1/	Remarks
18N/50-28d-1	W	5-21-64	72	--	--	0.0	0.0		72		89	92	22	7.3	--	--	--	--	--	0.0	0.0	--	319	>99	9.1	19	
18N/50-28d-2	W	5-21-64	158	--	--	.0	.0		71		86	94	22	7.1	--	--	--	--	--	0	0	--	315	>99	9.0	19	
18N/51-30b-1	W	4-16-64	72	--	--	24	7.8		36		12	135	28	7.0	--	--	--	--	--	92	0	1.6	319	46	8.7	19	
18N/51-34d-1	W	4-16-64	61	--	--	31	15		21		0	164	32	13	--	--	--	--	--	139	5	.8	355	25	8.2	19	
19N/53-15bd	W	1-21-53	--	11	.02	52	26	8.3		1.4	0	238	38	10	.0	2.6	.06	--	267	237	42	.3	467	8	7.8	3	
20N/43-33d-1	W	8- 5-64	--	--	--	37	3.8		51		0	155	44	31	--	--	--	--	--	108	0	2.1	432	51	8.2	6	
20N/53-15cb-1	W	6- 6-49	--	27	.75	37	14		48		--	247	16	85	--	--	.2	--	294	150	0	1.7	--	41	8.4	3	
21N/42-01c-1	W	8- 6-64	--	--	--	3.2	.5		72		13	108	36	14	--	--	--	--	--	10	0	9.9	337	94	8.8	6	
21N/42-25a	W	9- -16	--	57	tr	76	37		174		24	439	211	71	--	.0	--	--	918	348	0	4.1	--	53	--	29	See no. 66, p. 127, ref. 89.
21N/46-09d-1	W	6-15-65	60	--	--	47	7.2		91		0	331	45	18	--	--	--	--	--	147	0	3.3	598	37	7.5	7	

1/ Some values in Ref. 13 have been rounded off to agree with current Survey reporting.

2/ Al, 0.0 ppm; Mn, 0.01 ppm. Ref. 4 also gives a chemical analysis.

Table 9.--Chemical data for surface waters in central Nevada, Sps. 1-21 E. and Rs. 41-57 E.

(Unless noted otherwise, chemical data are in parts per million)

Location	Name	Date of collection	Temperature (°F)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Na + K (Calc.)	Potassium (K)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Nitrate (NO_3)	Dissolved solids (residue on evaporation)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Sodium adsorption ratio	Specific conductance (micromhos at 25°C)	Percent sodium	pH	Source of data	Remarks
11N/49-33	Donville Creek	8-29-65	62	--	--	33	15		14		0	148	47	4.6	--	--	144	23	0.5	254	17	7.9	26	See site 6, plate I, ref. 26.
12N/42-15	South Twin River	10- 7-14	--	22	tr	22	5		2		0	83	3.7	6	tr	112	72	7	.1	--	5	--	13	See 84, p. 154, and plate II, ref. 13.
14N/41- 6a	do	8- 5-64	--	--	--	46	13		55		0	280	34	16	--	--	168	0	1.8	540	41	8.0	6	
15N/41-22a	Cottonwood Creek	8- 5-64	--	--	--	47	7.7		19		0	196	23	4.0	--	--	149	0	.7	357	22	8.0	6	
15N/41-22b	Reese River	8- 5-64	--	--	--	33	7.4		41		0	188	32	11	--	--	113	0	1.7	385	44	8.1	6	
16N/41-13dd	do	8- 5-64	--	--	--	12	3.2		46		24	64	32	13	--	--	43	0	3.1	282	70	9.3	6	
16N/43-35a	Kingston Creek	10- 1-14	46	14	tr	48	12		13		19	151	31	6	1.0	290	169	45	.4	--	14	--	13	See 83, p. 154 and plate II, ref. 13.
16N/44-18	Santa Fe Creek	9-30-14	50	14	0.05	59	10		7		10	169	36	7	.0	203	188	50	.2	--	7	--	13	See 82, p. 154 and plate II, ref. 13.
18N/42-11b	Reese River	8- 5-64	--	--	--	32	19		48		4	211	52	20	--	--	158	0	1.7	502	40	8.5	6	
18N/44-29	Birch Creek	9-27-14	56	25	.1	65	16		30		14	239	59	8	1.5	328	228	32	.9	--	22	--	13	See 81, p. 154 and plate II, ref. 13.
20N/52-26a	Surface water at Devil's Gate	4-10-54	--	21	.01	41	9.4	1,020		98	35	834	918	800	.8	3,440	489	0	2.0	5,370	83	8.3	3	