GROUND-WATER DATA COLLECTED AT THE NEVADA TEST SITE AND VICINITY, NYE COUNTY, NEVADA, WATER YEARS 1988-89

By David B. Wood

U.S. GEOLOGICAL SURVEY

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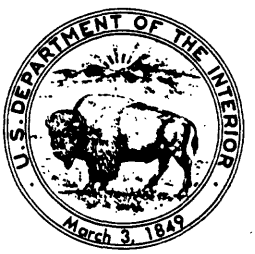

Carson City, Nevada
1992

U.S. DEPARTMENT OF THE INTERIOR

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U.S. GEOLOGICAL SURVEY

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CONVERSION FACTORS AND ABBREVIATIONS

Multiply	By	To obtain
curie (Ci)	3.700×10^{10}	becquerel
foot (ft)	0.3048	meter
gallon (gal)	3.785	liter
inch (in.)	25.40	millimeters
mile (mi)	1.609	kilometer
picocurie (pCi)	0.0370	becquerel

SEA LEVEL

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

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ABSTRACT

The U.S. Geological Survey, in support of the U.S. Department of Energy Hydrology/Radionuclide Migration Program, collects and compiles hydrologic and geohydrologic data to aid in characterizing the regional and local ground-water flow systems underlying the Nevada Test Site. This report presents selected ground-water data collected from wells and test holes at and in the vicinity of the Nevada Test Site.

Depth-to-water measurements were made at 72 sites and water samples were collected and analyzed for tritium concentrations for 14 sites during the 1988 and 1989 water years. Available historical data for these sites have been included to show the long-term depth-to-water fluctuations and to provide a record of all reported completion depths or open intervals for associated wells and test holes. Depth-to-water measurements show that the altitude of the ground-water surface in the Nevada Test Site area ranged from 1,966 to 6,377 feet above sea level. Depth-to-water measurements were obtained by a combination of wire-line, steel-tape, and iron-horse methods. Tritium concentrations in bailed water samples ranged from -10 to 2,600 picocuries per liter.

INTRODUCTION

The Nevada Test Site (fig. 1) was established in 1950 as a continental proving ground for testing nuclear weapons (U.S. Congress, 1989). Atmospheric nuclear testing commenced in 1951 and underground nuclear testing commenced in 1957. Since 1962, all nuclear testing has been done underground (U.S. Department of Energy, 1988) and mostly in alluvium and volcanic rocks (U.S. Geological Survey, 1976). To determine whether radionuclides resulting from this testing are contained in the host rock or may migrate, an assessment of the ground-water systems is necessary.

The U.S. Geological Survey (USGS), Desert Research Institute, Los Alamos National Laboratory, and Lawrence Livermore National Laboratory are the principal organizations that provide services and technical expertise to the Nevada Field Office of the U.S. Department of Energy in support of the Hydrology/ Radionuclide Migration Program at the Nevada Test Site. The purpose of the Hydrology/Radionuclide Migration Program is to document the mechanisms by which radionuclides produced by underground nuclear tests may move through the geologic media and the direction and extent of such movement. The specific responsibility of the USGS in support of the Hydrology/Radionuclide Migration Program is to provide the necessary hydrologic and geohydrologic data and the interpretation of these data to aid in characterizing the regional and local ground-water flow systems. This characterization is needed to assess the potential for radionuclide migration.

Purpose and Scope

This report presents ground-water data collected at and in the vicinity of the Nevada Test Site from October 1, 1987, to September 30, 1989 (water years 1988 and 1989). More specifically, this report presents depth-to-water measurements collected at all accessible wells and test holes in two discrete study areas--the Nevada Test Site and the Faultless Site (fig. 1). Available historical depth-to-water measurements (prior to October 1, 1987) for sites measured during the 1988 and 1989 water years have been included to

indicate fluctuations in depth to water through time. The Nevada Test Site, subdivided into 27 administrative areas (pl. 1), is between latitudes 36 and 38 degrees north and longitudes 115 and 117 degrees west. The Faultless Site in Hot Creek Valley (fig. 2) is between latitudes 38 and 39 degrees north and longitudes 116 and 117 degrees west. Both areas are in Nye County, Nev. (fig. 1).

Depth-to-water measurements were made at 72 wells and test holes, and water samples were collected from 14 test holes and analyzed for tritium concentration at the Environmental Monitoring Systems Laboratory of the U.S. Environmental Protection Agency in Las Vegas, Nev. Depth-to-water data have been collected, compiled, verified, and stored in the Ground-Water Site Inventory (GWSI) data base. This is one of four subsystems that constitute the computerized National Water Information System (NWIS) of the USGS, managed in Nevada by the District Office in Carson City, Nev.

The Department of Energy Yucca Mountain Project study area is located in and adjacent to Areas 25 and 29 of the Nevada Test Site (pl. 1). Ground-water data collected from those areas are compiled and reported by USGS personnel of the Nuclear Hydrology Program assigned to the Yucca Mountain Project (Robison and others, 1988; Gemmell, 1990; O'Brien, 1991).

Geohydrologic Setting

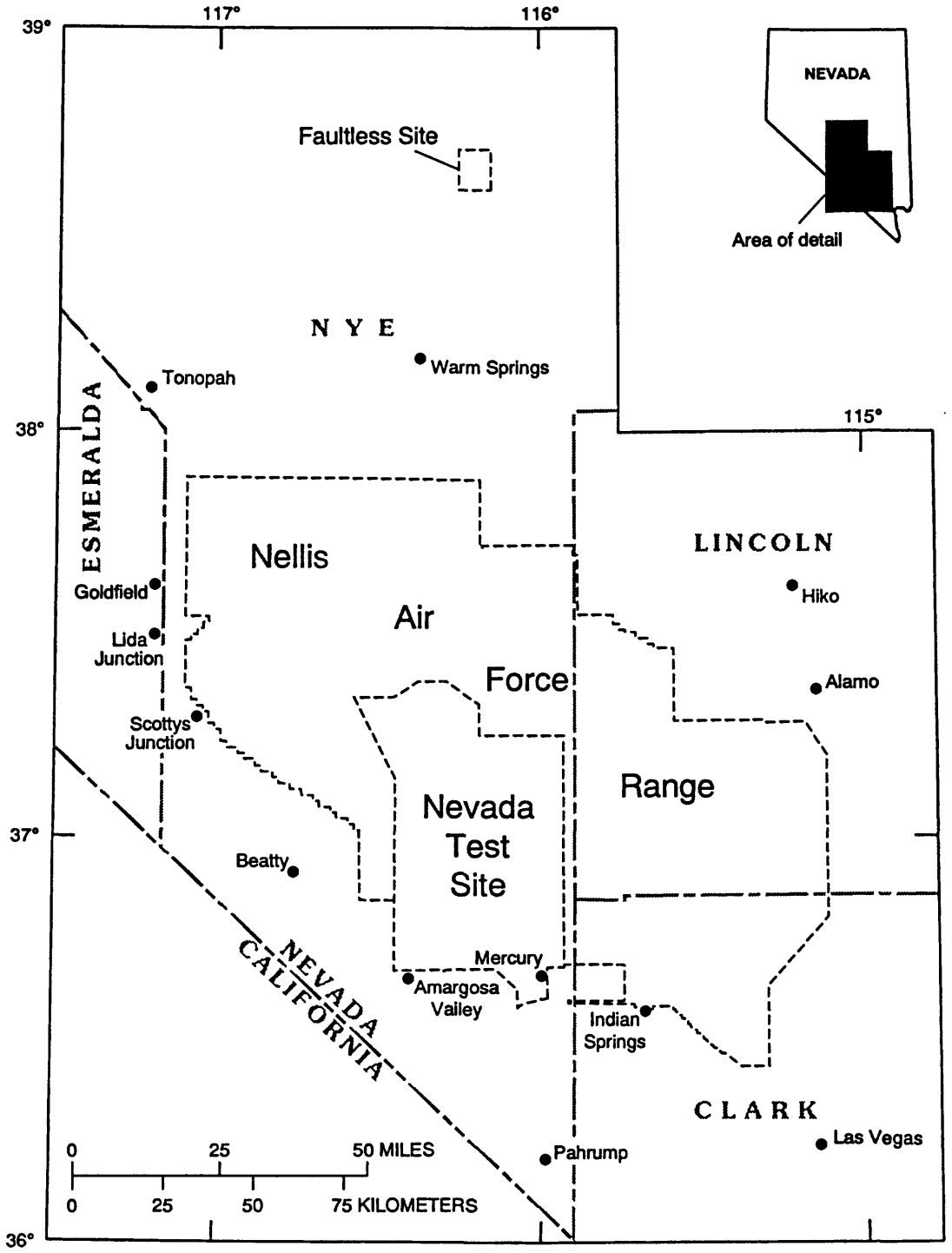
The geohydrologic setting of the Nevada Test Site is similar to that of most of the Basin and Range Province. It is characterized by local aquifers within the basin-fill deposits and volcanic rocks. Regional aquifers are mostly within complexly folded and faulted limestones and dolomites (Winograd and Thordarson, 1975), but may exist within deep fractured volcanic rocks at some locations (Blankennagel and Weir, 1973). Much of the ground-water flow is interbasin, that is, deep ground-water flow is not controlled by the basin-and-range topography that defines surface drainage basins (Winograd and Thordarson, 1975).

Site Designations

Ground-water sites are either wells or test holes. The term "well" describes cased holes drilled specifically to find ground water. All other drilled holes are termed test holes. Wells and test holes are identified herein by Fenix and Scisson of Nevada (FSN; now Raytheon Services Nevada) hole number, by USGS site identification number, and by the latitude and longitude of the site.

The FSN hole numbers are assigned by Fenix and Scisson of Nevada to wells and test holes according to the type of hole drilled, site location (Nevada Test Site Area, pl. 1), and sequence code for the consecutive order in which the hole was drilled or redrilled. Emplacement holes for nuclear weapons tests begin with the letter "U," followed by a dash (-), Nevada Test Site area number (pl. 1), and sequence code (letters "a-z, aa-az, ba-bz, ..., za-zz"). A hole drilled specifically to provide data that could not be collected from an emplacement hole is assigned incremental letters or numbers, or both. The suffix letters "ITS" indicate an integrated test system, "PS" a post shot hole, "S" a substitute hole, and "WW" a water well. Exploratory holes follow the same naming convention, but begin with the letters "UE."

In this report, exceptions to the standard assignment procedures are Army 1 WW, HTH-1, HTH-2, PM-1, PM-2, PM-3, TW-1, TW-7, TW-B, TW-D, TW-F, and UC-1-P-2SR. The prefix letters "HTH" indicate a hydrologic test hole, "PM" Pahute Mesa, "TW" a test well, and "UC" underground central Nevada. Numbers and letters following the dash in the exceptions represent sequence of site drilling, not Nevada Test Site area location.



Base from U.S. Geological Survey digital data, 1:100,000, 1979-86
Universal Transverse Mercator projection,
Zone 11

FIGURE 1.--Location of Nevada Test Site and Faultless Site.

The USGS system for site identification is based on the latitude-longitude grid. Each site is identified by a unique 15-digit number: The first six digits are the degrees, minutes, and seconds of latitude; the next seven digits are the degrees, minutes, and seconds of longitude; and the last two digits constitute the sequence number of the well or test hole within the 1-second grid of latitude and longitude. The assigned number is retained as a permanent identifier even if a more precise latitude and longitude are later determined (U.S. Geological Survey, 1989, p. 2-10). Therefore, to determine the geographic location of a well or test hole, the latitude and longitude coordinates (which are listed herein) should be used rather than the site identifier.

Acknowledgments

Several organizations under contract with the Nevada Field Office of the U.S. Department of Energy made substantial contributions, including field inventory of wells and test holes and other hydrologic work. These contractors were: Holmes and Narver, Inc.; Fenix and Scisson of Nevada (now Raytheon Services Nevada); Welex; and Atlas Wireline Services (formerly Dresser Atlas Industries, Inc.). The Environmental Monitoring Systems Laboratory of the U.S. Environmental Protection Agency at Las Vegas also provided data.

GROUND-WATER DATA

Data presented consist of depth-to-water measurements for all accessible wells and test holes and tritium concentrations for all accessible test holes. During the 1988 and 1989 water years, depth to water was measured at 72 wells and test holes and tritium concentrations were analyzed for water samples collected from 14 test holes. The locations of these wells and test holes are shown on plate 1 and figure 2.

The data-collection network consists basically of two parts--short-term test holes and long-term observation wells and test holes. Depth to water in them is measured intermittently in all accessible test holes that penetrate the saturated zone. These measurements are made frequently until the measured depth to water stabilizes or the hole is destroyed or becomes inaccessible. The majority of test holes are short-term holes and the opportunity to measure depth to water in them is limited to a few weeks or a few months, which is often not sufficient for stabilization of depth to water. Because most of the existing observation wells and test holes available for long-term observation were not drilled for the direct acquisition of hydrologic data, it often is not possible to monitor depth-to-water fluctuations that represent local (basin-fill or volcanic-rock) or regional (carbonate-rock) aquifer conditions. Wells or test holes that exhibit minor fluctuations in depth to water are measured annually. Wells or test holes that exhibit large fluctuations in depth to water are measured weekly, quarterly, or continuously.

Depth to Water

The term "depth to water" is used rather than "water level" to avoid confusion with "static water level" as defined by Winograd (1970, p. 19) for the Nevada Test Site. Use of depth to water does not imply static conditions. Test holes drilled for nuclear weapons tests commonly become inaccessible prior to fluid-level stabilization. Depth-to-water measurements in wells and test holes often represent elevated or depressed fluid levels because of drilling methods or nearby nuclear detonations (Winograd, 1970, p. 20-25). Measurements may be affected by removal or injection of fluid or may represent a composite fluid level for the saturated units penetrated.

Water-level altitudes determined by subtracting depth-to-water measurements from the reported land-surface altitude may not represent actual water-level altitudes. The altitude of land surface is determined by conventional surveying techniques at each well or test hole when drilling operations have been completed. The reported land-surface altitude subsequently may have been altered as a result of nuclear testing.

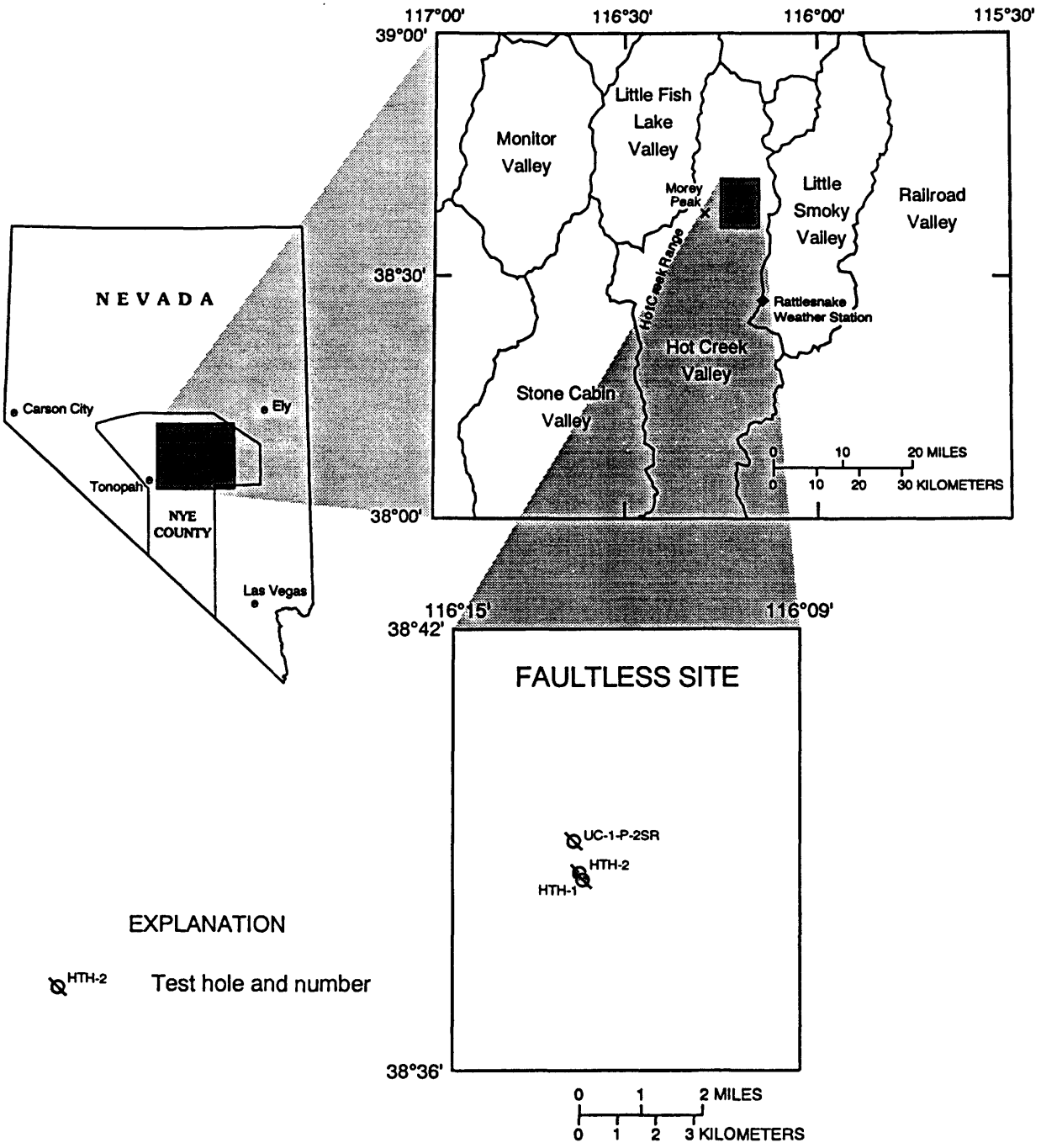


FIGURE 2.--Location of test holes at Faultless Site, Nye County, Nevada.
Modified from Thordarson (1987, figure 1).

Methods

Several techniques are used to measure depth to water at the Nevada Test Site. Currently, measurements are made by the USGS with a wire-line device. Steel-tape measurements are used to calibrate the wire-line device. Historical measurements were made with an iron-horse device and a steel tape.

Wire-Line Device

The wire-line device consists of an armored four-conductor cable contained on a motorized reel. For depth-to-water measurements, the cable is centered over and guided into the well or test hole with a hydraulic boom. Attached to the end of the cable is a probe that transmits an electric current to a meter at land surface the instant water or fluid is contacted. A measuring wheel, over which the cable passes, measures the length of cable withdrawn from the well or test hole.

Steel-Tape Device

The technique used for making steel-tape measurements of depth to water greater than 1,000 feet below land surface described by Garber and Koopman (1968, p. 2-6) has been modified as described by Robison and others (1988, p. 9-10). The steel tape, which is mounted on a motor driven reel, is suspended in the well or test hole a known distance below a reference mark so the bottom end is below the water or fluid surface. The length of wetted tape is subtracted from the suspended length below the reference mark and adjusted to land-surface datum by subtracting or adding the distance of the reference point above or below land surface to determine the measured depth to water.

Iron-Horse Device

The technique for using the iron-horse device to measure depth to water has been described by Garber and Koopman (1968, p. 6-11) and by Weir and Nelson (1976). The device consists of an armored single-conductor cable mounted on a portable reel. Attached to the end of the cable is a probe that transmits an electric current to a meter at land surface the instant water or fluid is contacted. A measuring wheel, over which the cable passes, measures the length of cable withdrawn from the well or test hole.

Measurements

Depth-to-water measurements for wells and test holes shown in table 1 represent all data compiled in the GWSI data base as of September 30, 1990; therefore, measurements made in the 1988 and 1989 water years can be compared to earlier measurements. For selected wells and test holes, the following data are presented: Fenix and Scisson of Nevada (FSN) hole-number designation, USGS site identification number, latitude and longitude coordinates, date hole completed, land-surface altitude, hole depth, top of open interval, bottom of open interval, type of open interval, measurement date, depth-to-water measurement, measurement method, and measurement site status. Data are listed in table 1 sequentially, first by Nevada Test Site administrative area, then by FSN hole-number designation and USGS site-identification number within each area.

The measured altitude of the ground-water surface ranged from 1,966 feet above sea level on July 14, 1989, at UE-4av in Yucca Flat to 6,377 feet above sea level on September 20, 1988, at UE-12t 6 in Rainier Mesa. The depth to water ranged from 337 feet below land-surface altitude on January 22, 1968, at HTH-1 in Hot Creek Valley to 2,339 feet below land-surface altitude on April 11, 1970, at UC-1-P-2SR in Hot Creek Valley. The depth to water of 70 feet below land-surface altitude on September 19, 1988, at UE-12t 6 was excluded from comparisons because it represents depth to the surface of water added to the hole for an injection (slug) test.

Twelve hydrographs of wells and test holes, figures 3-14, show changes in depth to water at various locations (pl. 1 and fig. 2; the hydrographs are grouped by geographic area and, within an area, by FSN hole-number designation). These selected hydrographs typify depth-to-water measurements within general geographic areas and rock types. Measurements affected by pumping or injection have been removed from the hydrographs. A brief description of each hydrograph follows:

Figure 3 shows depth-to-water measurements in UE-18r on Buckboard Mesa (Area 18). The test hole is open to Tertiary volcanic rocks, primarily tuff located in the moat area on the north flank of the Timber Mountain caldera.

Figure 4 shows depth-to-water measurements in UE-5n in Frenchman Flat (Area 5). The test hole is open to Quaternary alluvium.

Figure 5 shows depth-to-water measurements in HTH-1 in Hot Creek Valley. The test hole is open to Quaternary and Tertiary alluvium and Tertiary volcanic rocks, primarily tuff and tuffaceous sediments. The peak in the measurement record coincides with a nearby nuclear detonation--the Faultless event on January 19, 1968 (U.S. Department of Energy, 1988).

Figure 6 shows depth-to-water measurements in HTH-2 in Hot Creek Valley. The test hole is open to Quaternary and Tertiary alluvium. The peak in the measurement record coincides with the Faultless event.

Figure 7 shows depth-to-water measurements in UC-1-P-2SR in Hot Creek Valley. The test hole is open to Quaternary and Tertiary alluvium and Tertiary volcanic rocks, primarily tuff consisting of rubble caused by the collapse of the cavity formed by the Faultless event. Measurements of static depths to water prior to September 24, 1974, represent a zone of perched water (Thordarson, 1987). Decreases in depth to water from September 1974 to the present are attributed to infilling of the cavity.

Figure 8 shows depth-to-water measurements in TW-F in Mercury Valley (Area 27). The well is open to Paleozoic carbonate rocks, primarily dolomite.

Figure 9 shows depth-to-water measurements in PM-1 on Pahute Mesa (Area 20). The test hole is open to Tertiary volcanic rocks, primarily tuff and rhyolite. Differences in depth to water measured at two completion depths are presented. Measurements prior to September 25, 1963, were made when the hole depth was 7,552 feet. Measurements from January 4, 1981, were made when the hole depth was 7,731 feet.

Figure 10 shows depth-to-water measurements in PM-2 on Pahute Mesa (Area 20). The test hole is open to Tertiary volcanic rocks, primarily tuff, rhyolite, and dacite.

Figure 11 shows depth-to-water measurements in PM-3 on Pahute Mesa adjacent to the Nevada Test Site. The test hole is open to Tertiary volcanic rocks, primarily tuffs. Differences in depth to water measured at two completion depths are presented. Measurements prior to September 14, 1988, were made when the hole depth was 1,647 feet. Measurements from September 21, 1988, were made when the hole depth was 3,019 feet.

Figure 12 shows depth-to-water measurements in TW-7 in Yucca Flat (Area 3). The well is open to Tertiary volcanic rocks, primarily tuff. Two peaks in the measurement record coincide with nearby nuclear detonations (M.S. Garber, U.S. Geological Survey, written commun., 1963 and 1965)--the Aardvark event on May 12, 1962 and the Bilby event on September 13, 1963 (U.S. Department of Energy, 1988).

Figure 13 shows depth-to-water measurements in U-3cn 5 in Yucca Flat (Area 3). The test hole is open to Paleozoic carbonate rocks.

Figure 14 shows depth-to-water measurements in TW-B in Yucca Flat (Area 6). The well is open to Tertiary volcanic rocks, primarily tuff. Long-term records of measurements are presented.

Tritium Concentrations

Water samples for tritium concentrations were collected from 14 test holes at the Nevada Test Site. Raw, unfiltered samples were collected in 500-milliliter acid-rinsed glass bottles, labeled, and delivered to the Environmental Monitoring Systems Laboratory of the U.S. Environmental Protection Agency in Las Vegas, Nev. The results of the tritium analyses are presented in table 2. For the 14 test holes, the following information is listed: Fenix and Scisson of Nevada (FSN) hole-number designation, USGS site identification number, latitude and longitude coordinates, date hole completed, land-surface altitude, hole depth, top of open interval, bottom of open interval, type of open interval, measurement date, and tritium concentration. Some tritium concentrations may represent residual drilling fluids or other fluids introduced during drilling or pumping and water injection instead of representing water solely from the saturated zone. Tritium concentrations ranged from -10 pCi/L on March 8, 1989, at U-20bd on Pahute Mesa, to 2,600 pCi/L on April 5, 1988, at U-4au on Yucca Flat. An average annual concentration of 20,000 pCi/L of tritium in drinking water is the maximum permissible limit established by the U.S. Environmental Protection Agency in Title 40 Code of Federal Regulations (1988). None of the tritium concentrations exceeded this limit.

The U.S. Environmental Protection Agency, under an interagency agreement with the Department of Energy, is responsible for evaluating human radiation exposure from ingesting air, water, and food that may have been affected by nuclear testing (U.S. Congress, 1989). Tritium concentration data are collected at and in the vicinity of the Nevada Test Site and reported annually by the Environmental Monitoring Systems Laboratory at Las Vegas, Nev., as part of the long-term hydrological monitoring program conducted by the U.S. Environmental Protection Agency to fulfill this commitment (U.S. Environmental Protection Agency, 1989, p. 83-109).

A bailer was used to collect water samples from below the water surface in the test holes. The technique used to collect the samples is described by Claassen (1982, p. 36-38) and by Wood (1976, p. 5-6). The bailer used in 1988 and 1989 was a solid plug coupled to a 1-9/16-inch (inside diameter) by 6-foot-long stainless steel tube coupled to a 2-foot-long upper section containing four 3/4-inch by 6-inch slots and coupled to a solid cap. Each bailed sample contained about 1/2 gallon of water. To prevent possible cross-contamination, the bailer was rinsed twice with a 10-percent hydrochloric acid solution. The bailer then was rinsed twice with tap water or deionized water and allowed to air dry prior to the next sample collection.

SUMMARY

The USGS, in support of the U.S. Department of Energy Hydrology/Radionuclide Migration Program, collects and compiles hydrologic and geohydrologic data at and in the vicinity of the Nevada Test Site to aid in characterizing the regional and local ground-water flow systems. This report presents depth-to-water measurements and tritium concentrations determined for selected wells and test holes as part of this program. Data collected as part of the Yucca Mountain Project at the Nevada Test Site are not included in this report.

Depth to water was measured at 72 sites, and water samples were collected and analyzed for tritium at 14 sites during the period of October 1, 1987, to September 30, 1989. The measured altitude of the water surface ranged from 1,966 feet above sea level at UE-4av to 6,377 feet above sea level at UE-12t 6. The depth to water ranged from 337 feet below land surface at HTH-1 to 2,339 feet below land surface at UC-1-P-2SR. Hydrographs of depth to water measured at TW-7 in Yucca Flat and at UC-1-P-2SR in Hot Creek Valley show changes in depth to water in response to nuclear detonations. Hydrographs of depth to water at other sites indicate little or no change for the available period of record. Accessible wells and test holes are used to collect data needed to monitor regional and local ground-water conditions. The wire-line, steel-tape, and iron-horse techniques were used to measure depth to water. Tritium concentrations in water samples collected from selected test holes penetrating the saturated zone ranged from -10 pCi/L at U-20bd to 2,600 pCi/L at U-4au and did not exceed established drinking-water standards.

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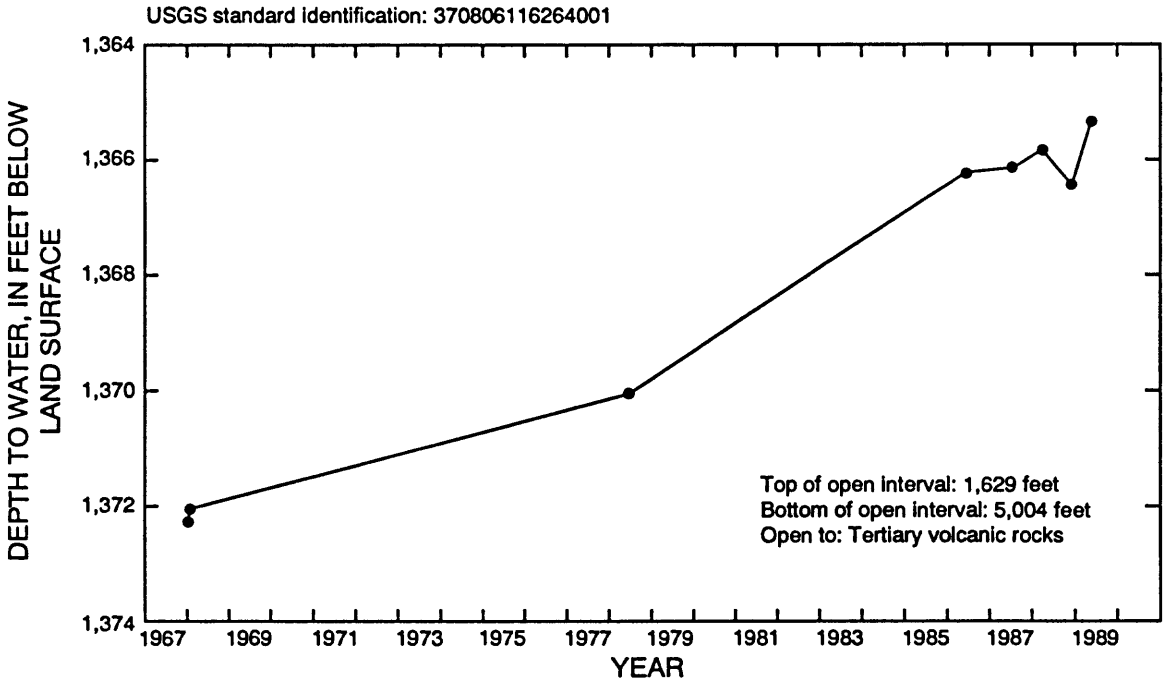

FIGURE 3.--Depth-to-water measurements in test hole UE-18r on Buckboard Mesa.

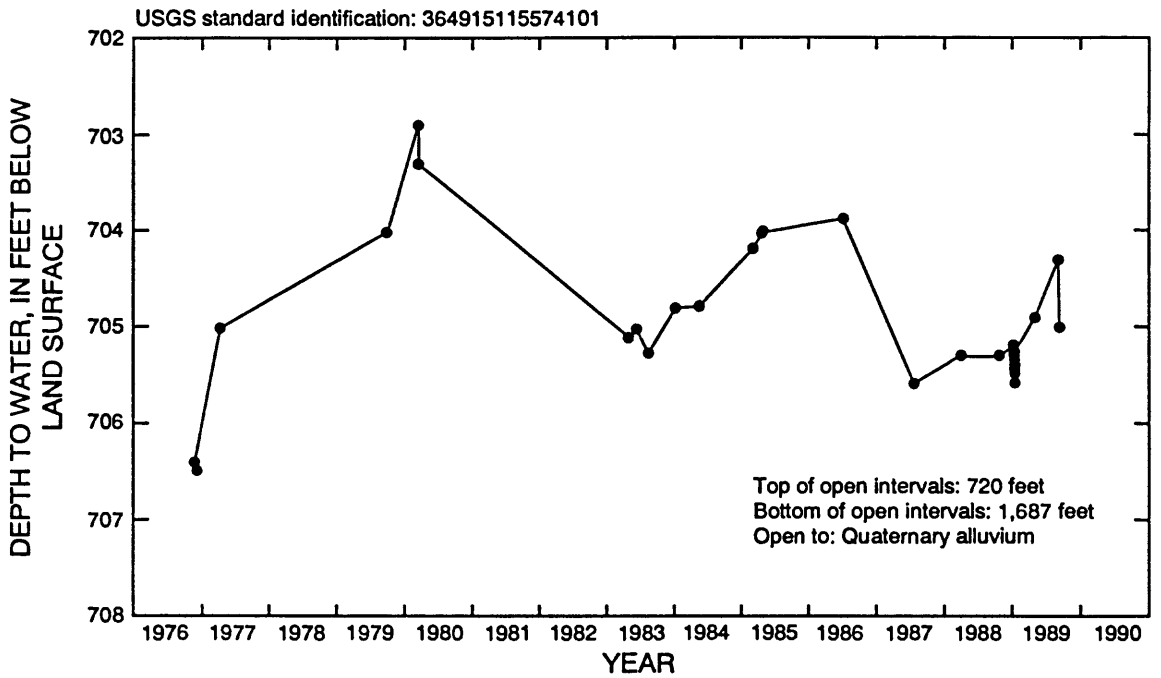

FIGURE 4.--Depth-to-water measurements in test hole UE-5n in Frenchman Flat.

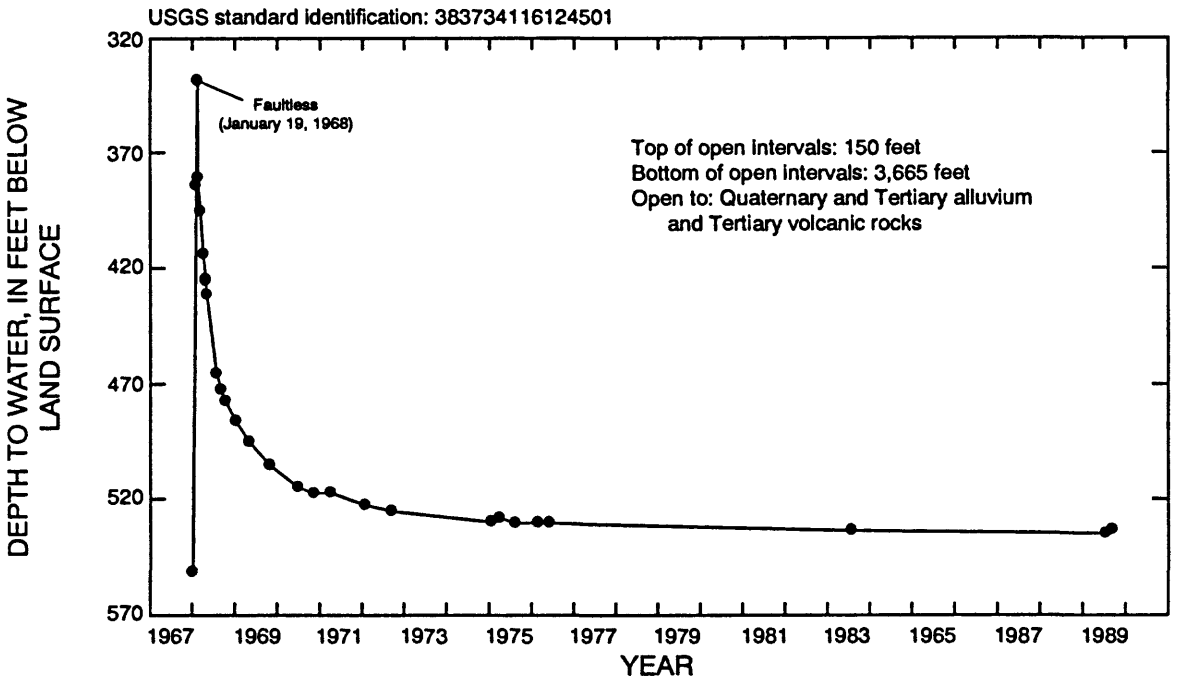

FIGURE 5.--Depth-to-water measurements in test hole HTH-1 in Hot Creek Valley. Name and date are indicated for nearby weapons test.

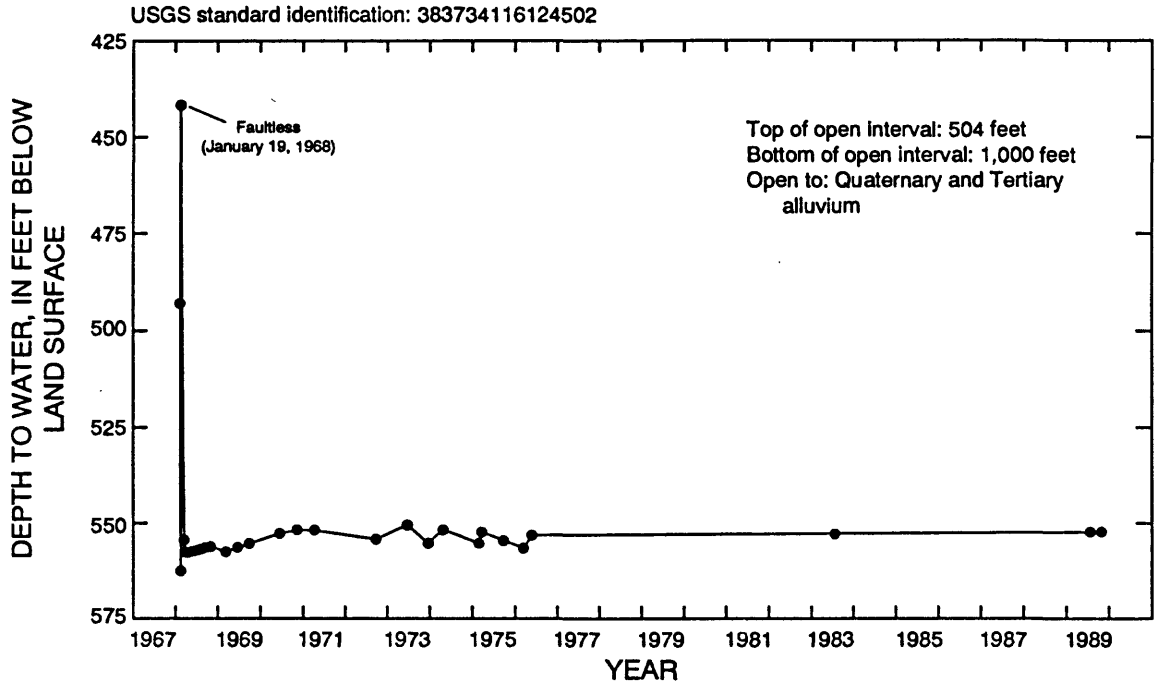

FIGURE 6.--Depth-to-water measurements in test hole HTH-2 in Hot Creek Valley. Name and date are indicated for nearby weapons test.

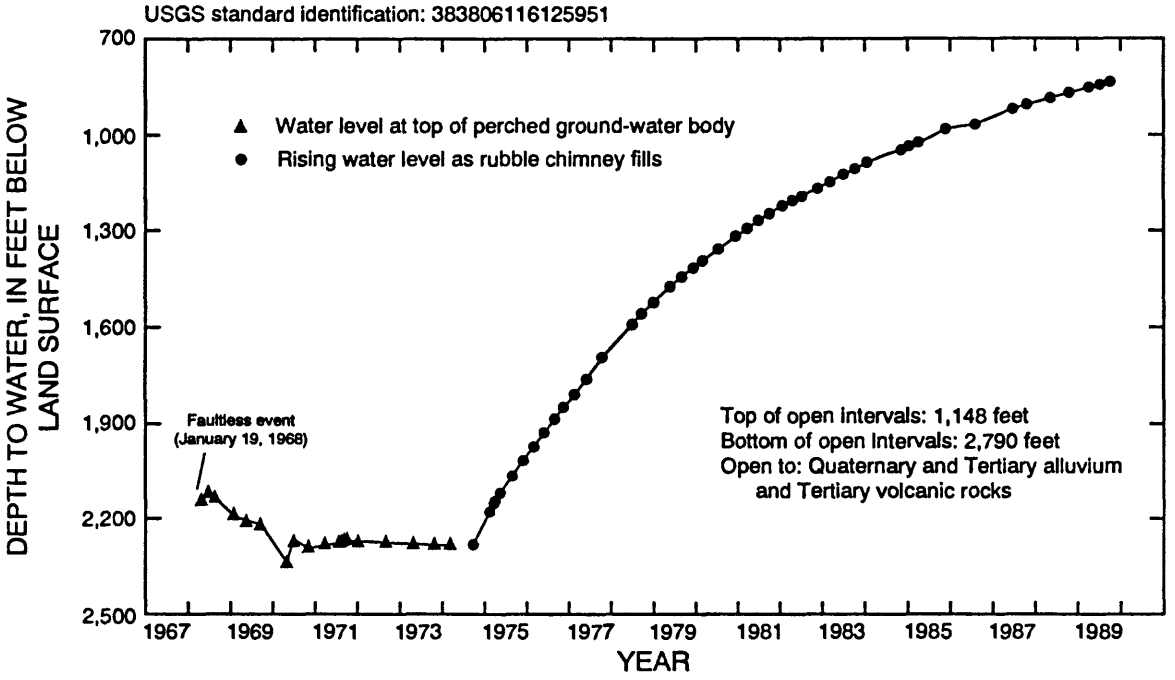

FIGURE 7.--Depth-to-water measurements in test hole UC-1-P-2SR in Hot Creek Valley (see Thordarson, 1987, p. 12-15). Name and date are indicated for nearby weapons test.

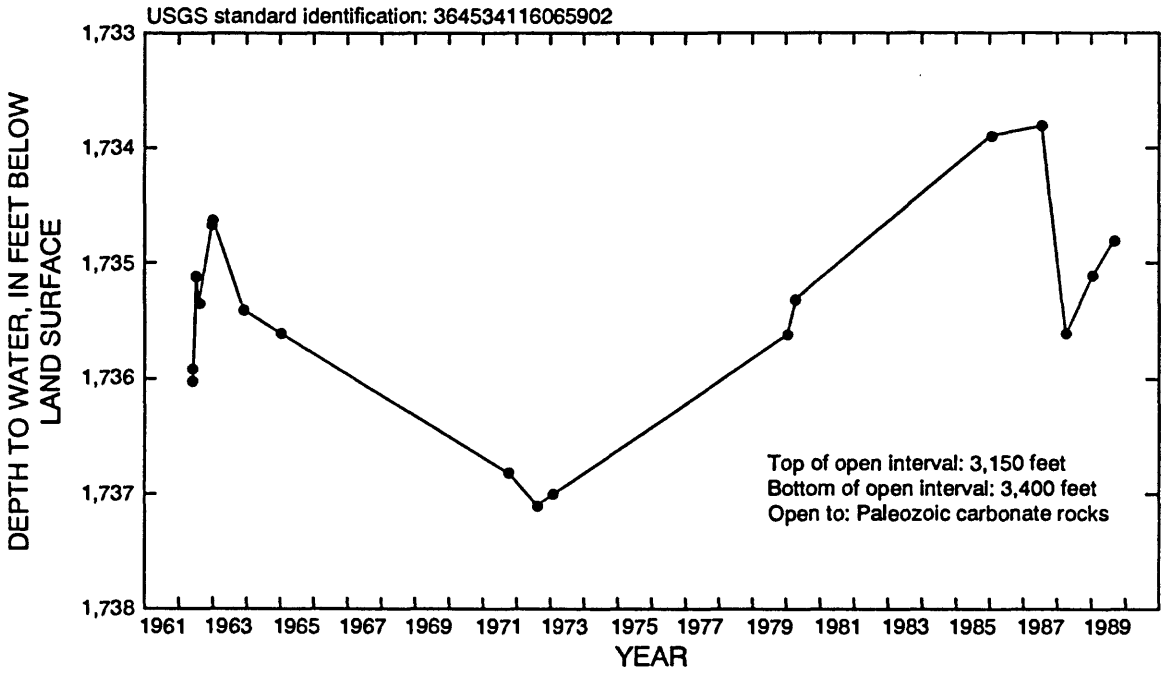

FIGURE 8.--Depth-to-water measurements in well TW-F in Mercury Valley.

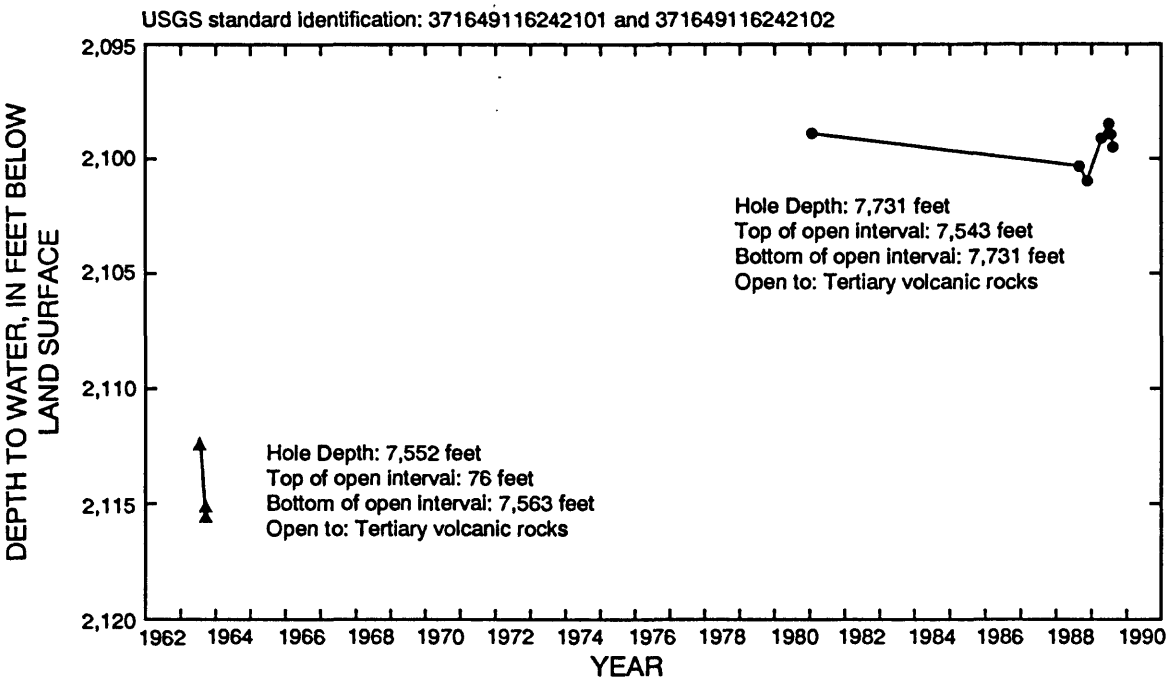

FIGURE 9.--Depth-to-water measurements at two completion depths in test hole PM-1 on Pahute Mesa.

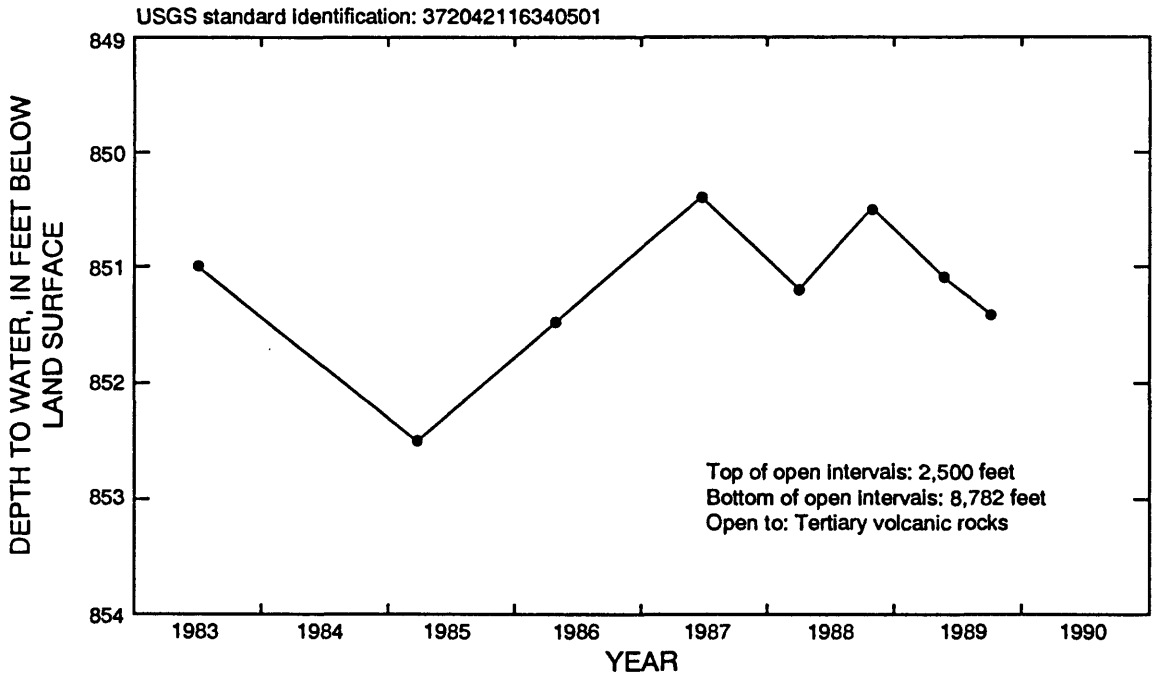

FIGURE 10.--Depth-to-water measurements in test hole PM-2 on Pahute Mesa.

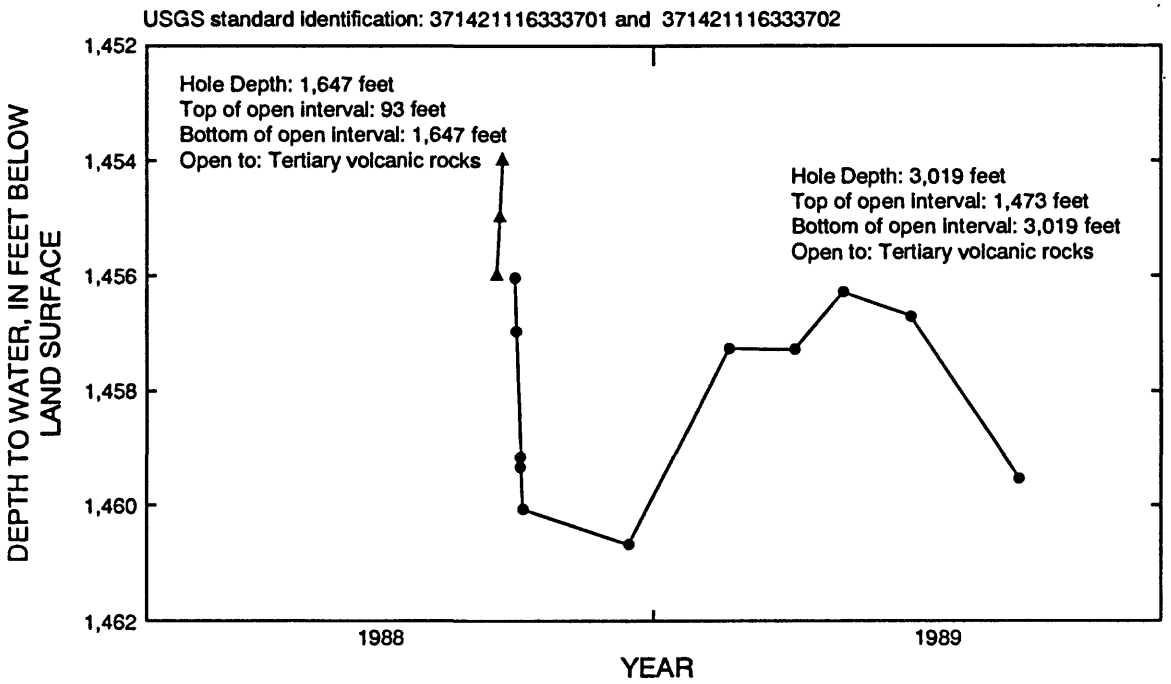

FIGURE 11.--Depth-to-water measurements at two completion depths in test hole PM-3 on Pahute Mesa.

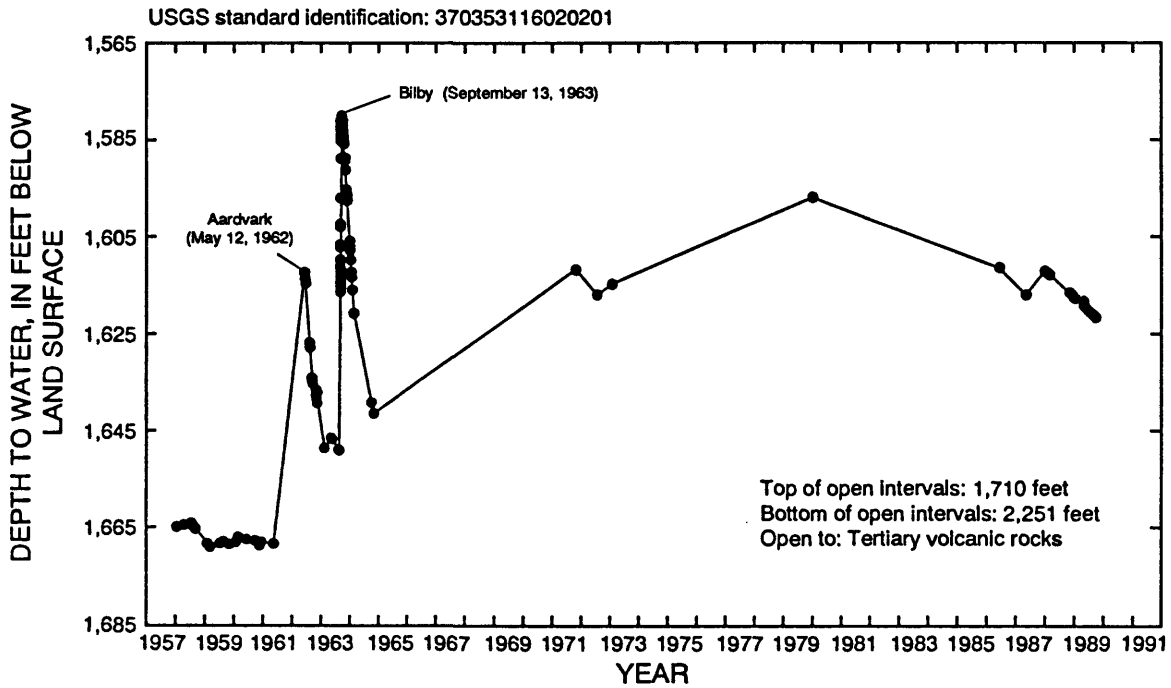

FIGURE 12.--Depth-to-water measurements in well TW-7 in Yucca Flat. Names and dates are indicated for nearby weapons tests.

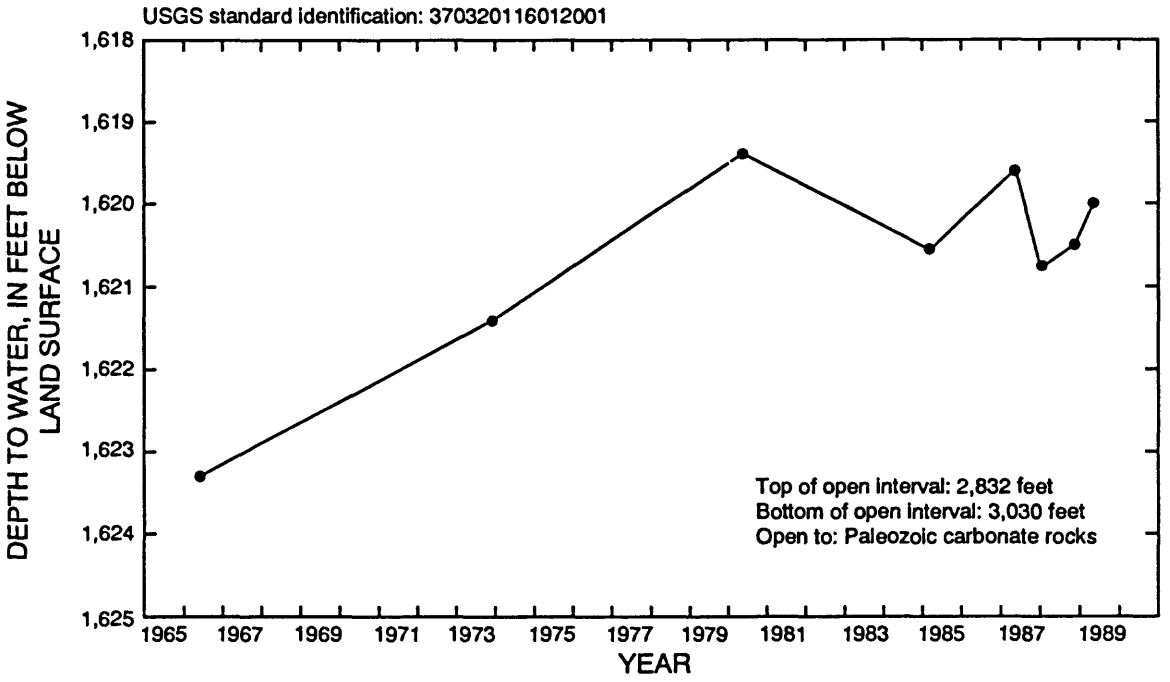

FIGURE 13.--Depth-to-water measurements in test hole U-3cn 5 in Yucca Flat.

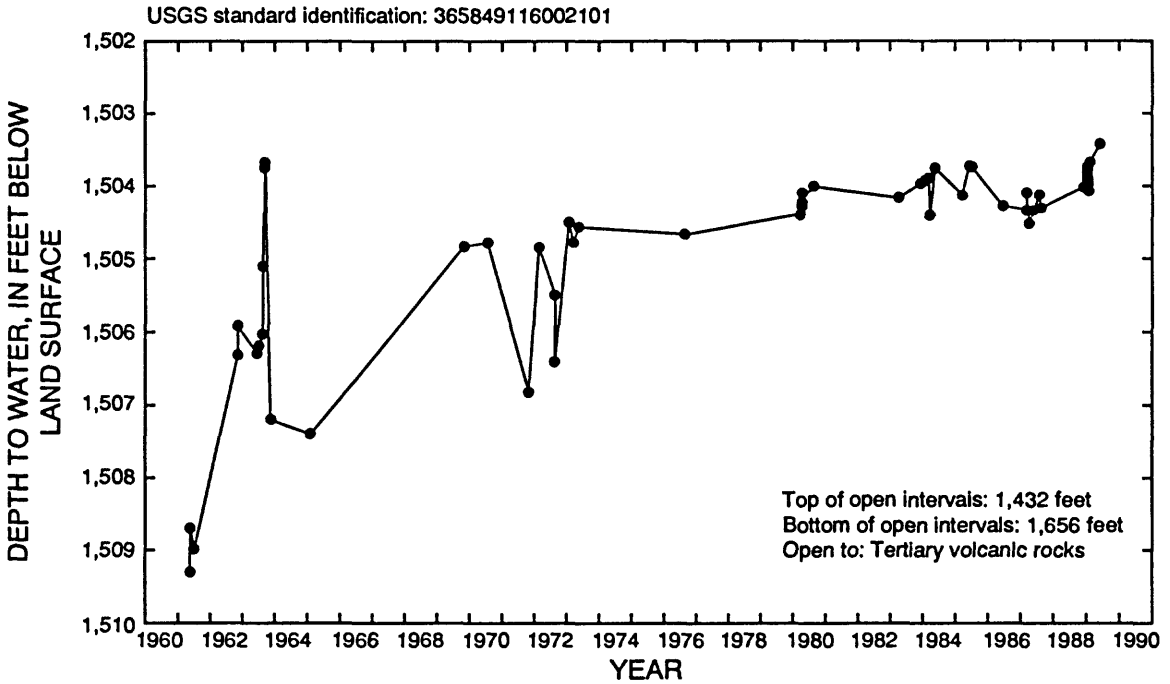

FIGURE 14.--Depth-to-water measurements in test hole TW-B in Yucca Flat.

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada*

FSN hole number.--Drill-hole number assigned by Fenix and Scission of Nevada; see section titled "Site Designations" in text.
USGS standard identification.--U.S. Geological Survey site designation; see text.
Land-surface altitude.--Datum is sea level. Value may not represent current altitude; see section titled "Depth to Water" in text.
Hole depth.--Datum is land surface. Represents most recent available information; present accessible depth may be shallower.
Depth of open interval.--Datum is land surface. Bottom of deepest open interval may be deeper than present accessible hole depth. Type: P, perforated or slotted casing; X, open (uncased) hole.
Depth to water.--Datum is land surface. Value may not represent static water level; see section titled "Depth to Water" in text. Method: B, analog or graphic recorder; L, interpreted from geophysical logs; R, depth to water reported (measurement method not known); S, steel tape; V, wire-line device. Site status: D, site was dry; I, site was used for injection of water; O, obstruction was encountered in hole above water surface; R, site was recently pumped; S, nearby site was being pumped; Z, other conditions not included in standard site status codes.

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
AREA 1													
UE-1a	370254116070601	37 02 54	116 07 06	02-02-64	4,303	562	78	947	X	02-05-64	542	V	Z
							947	957	X	02-06-64	542	V	Z
										02-06-64	541	V	Z
										02-06-64	542	V	Z
										10-15-64	544	V	-
										04-16-71	544	V	-
										10-19-71	546	V	-
										10-22-71	545	V	-
										08-11-72	545	S	-
										01-20-73	545	V	-
										01-22-77	544	V	-
										01-12-80	545	V	-
										03-05-85	544	V	-
										07-08-86	545	V	-
										07-24-87	545	V	-
										03-21-88	543	V	-
										11-08-88	545	V	-
										05-04-89	545	V	-
UE-1b	370254116064201	37 02 54	116 06 42	02-10-64	4,273	701	76	80	X	10-15-64	644	V	-
							80	1,254	X	10-22-71	646	V	-
										08-02-72	645	V	-
										01-19-73	645	V	-
										01-22-77	643	V	-
										01-12-80	644	V	-
										03-13-85	645	V	-
										07-10-86	644	V	-
										07-24-87	644	V	-
										03-21-88	644	V	-
										11-08-88	644	V	-
										05-04-89	644	V	-
UE-1c	370253116055201	37 02 53	116 05 52	02-11-64	4,206	1,772	74	80	X	03-18-64	1,289	V	-
							80	1,880	X	10-15-64	1,292	V	-
										10-21-71	1,297	V	-
										08-02-72	1,296	V	-
										01-20-73	1,296	V	-
										01-15-80	1,295	V	-
										03-13-85	1,297	V	-
										07-08-86	1,296	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-1c (cont.)	370253116055201	37 02 53	116 05 52	02-11-64	4,206	1,772	74	80	X	07-24-87	1,296	V	-
							80	1,880	X	03-21-88	1,297	V	-
										11-08-88	1,298	V	-
										05-04-89	1,297	V	-
UE-1h	370005116040301	37 00 05	116 04 03	07-03-68	3,995	3,228	2,134	2,349	X	06-16-82	1,559	L	-
							2,349	3,358	X	02-17-88	1,558	V	-
										11-07-88	1,557	V	-
										05-04-89	1,557	V	-
UE-1j	370049116042401	37 00 49	116 04 24	12-23-68	4,030	1,250	108	112	X	03-03-88	--	V	D
							112	1,630	X				
							1,630	1,632	X				
UE-1L[a]	370254116082001	37 02 54	116 08 20	08-07-72	4,454	5,339	716	726	X	07-09-76	504	V	-
							726	5,339	X	07-22-76	505	V	-
										08-09-76	504	V	-
										08-23-76	506	V	-
										09-07-76	507	V	-
										10-20-76	507	V	-
										11-05-76	507	V	-
										11-22-76	507	V	-
										12-14-76	508	V	-
										02-01-77	504	V	-
UE-1L[a]	370254116082002	37 02 54	116 08 20	11-11-77	4,454	2,284	716	726	X	12-28-78	499	V	-
							726	2,284	X	01-13-80	510	V	-
										03-05-85	519	V	-
										08-21-85	514	L	-
										07-08-86	518	V	-
										07-24-87	518	V	-
										03-21-88	517	V	-
										11-08-88	519	V	-
										05-04-89	519	V	-
UE-1q	370337116033001	37 03 37	116 03 30	11-10-80	4,082	2,120	78	80	X	11-12-80	1,569	L	-
							80	2,437	X	03-16-81	1,565	L	-
										06-04-84	1,558	L	-
										02-17-88	1,555	V	-
										07-12-88	1,555	V	-
										11-07-88	1,556	V	-
										05-04-89	1,554	V	-
AREA 2													
U-2gg	370834116040101	37 08 34	116 04 01	01-12-88	4,289	1,771	117	118	X	03-07-88	--	V	D
							118	1,821	X				
U-2gh	370645116031901	37 06 45	116 03 19	07-26-88	4,177	1,682	117	119	X	08-01-88	1,578	V	Z
							119	1,801	X	08-03-88	1,577	V	-
										08-08-88	1,576	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
U-2gh (cont.)	370645116031901	37 06 45	116 03 19	07-26-88	4,177	1,682	117	119	X	08-10-88	1,577	V	-
							119	1,801	X	08-15-88	1,576	V	-
										08-16-88	1,576	V	-
										09-01-88	1,575	V	-
										09-07-88	1,575	V	-
										09-15-88	1,574	V	-
										09-20-88	1,574	V	-
										09-30-88	1,575	V	-
										10-13-88	1,574	V	-
										10-26-88	1,574	V	-
										12-14-88	1,573	V	-
										01-26-89	1,574	V	-
										02-27-89	1,573	V	-
										04-05-89	1,572	V	-
										05-02-89	1,572	V	-
										07-10-89	1,572	V	-
										08-01-89	1,572	V	-
										09-01-89	1,572	V	-
UE-2ce[b]	370831116080701	37 08 31	116 08 07	01-23-77	4,764	1,649	1,384	1,624	P	05-20-77	1,398	L	R
							1,624	1,650	X	08-28-77	1,409	V	-
							1,444	1,504	P	09-08-77	1,407	V	-
							1,445	1,505	P	11-14-77	1,405	V	-
										02-27-79	1,435	V	-
										03-13-79	1,434	V	-
										10-22-79	1,427	V	-
										02-04-80	1,426	V	-
										03-26-80	1,423	V	-
										03-28-80	1,425	V	-
										07-29-80	1,421	V	-
										09-01-80	1,424	V	-
										03-03-81	1,425	V	-
										02-16-82	1,423	V	-
										04-22-83	1,477	V	-
										11-01-84	1,478	V	-
										03-07-85	1,471	V	-
										04-15-86	1,470	V	-
										08-11-87	1,458	V	-
										08-18-87	1,457	V	-
										02-11-88	1,456	V	-
										12-13-88	1,452	V	-
										01-18-89	1,452	V	-
										05-02-89	1,451	V	-
										06-26-89	1,451	V	-
										07-10-89	1,451	V	-
										07-25-89	1,451	V	-
										08-09-89	1,451	V	-
										08-21-89	1,451	V	-
										09-05-89	1,450	V	-
										09-18-89	1,450	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
---------- AREA 3 ----------													
TW-7[c]	370353116020201	37 03 53	116 02 02	06-27-54	4,063	2,239	1,710	1,720	P	02-04-58	1,664	V	-
							1,925	1,935	P	02-04-58	1,665	V	-
							1,970	2,014	P	08-01-58	1,664	V	-
							1,977	2,251	P	09-07-58	1,665	V	-
										09-22-58	1,664	V	-
										03-09-59	1,668	V	-
										08-12-59	1,668	V	-
										10-29-59	1,668	V	-
										12-01-59	1,668	V	-
										02-26-60	1,666	V	-
										06-20-60	1,667	V	-
										11-30-60	1,668	V	-
										12-02-60	1,667	V	-
										12-02-60	1,668	V	-
										06-20-61	1,668	V	-
										06-21-62	1,612	S	-
										06-29-62	1,613	S	-
										06-29-62	1,614	S	-
										08-14-62	1,627	V	-
										09-27-62	1,634	S	-
										10-05-62	1,635	V	-
										11-02-62	1,639	S	-
										11-12-62	1,639	V	-
										11-24-62	1,637	V	-
										11-27-62	1,637	V	-
										02-04-63	1,648	V	-
										06-04-63	1,646	V	-
										06-07-63	1,647	V	-
										06-11-63	1,646	V	-
										06-18-63	1,646	S	-
										08-20-63	1,649	V	-
										09-04-63	1,649	V	-
										09-06-63	1,649	V	-
										09-13-63	1,609	V	-
										09-13-63	1,611	V	-
										09-13-63	1,613	V	-
										09-13-63	1,614	V	-
										09-14-63	1,616	V	-
										09-14-63	1,615	V	-
										09-14-63	1,612	V	-
										09-15-63	1,606	V	-
										09-16-63	1,603	V	-
										09-16-63	1,602	V	-
										09-17-63	1,597	S	-
										09-20-63	1,588	S	-
										09-23-63	1,585	V	-
										09-24-63	1,584	V	-
										09-25-63	1,583	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
TW-7[c] (cont.)	370353116020201	37 03 53	116 02 02	06-27-54	4,063	2,239	1,710	1,720	P	09-26-63	1,582	V	-
							1,925	1,935	P	09-28-63	1,580	V	-
							1,970	2,014	P	09-30-63	1,581	S	-
							1,977	2,251	P	10-04-63	1,581	V	-
										10-07-63	1,581	V	-
										10-08-63	1,581	V	-
										10-09-63	1,581	V	-
										10-10-63	1,581	V	-
										10-11-63	1,581	V	-
										10-18-63	1,584	V	-
										10-20-63	1,584	V	-
										10-21-63	1,585	V	-
										10-22-63	1,585	V	-
										11-01-63	1,588	V	-
										11-07-63	1,591	V	-
										11-18-63	1,595	V	-
										11-19-63	1,595	V	-
										11-21-63	1,596	V	-
										11-23-63	1,597	V	-
										12-19-63	1,606	V	-
										12-23-63	1,607	V	-
										12-24-63	1,607	V	-
										12-30-63	1,609	V	-
										01-14-64	1,613	V	-
										01-31-64	1,615	S	-
										01-31-64	1,616	S	-
										02-27-64	1,620	V	-
										10-01-64	1,639	S	-
										10-07-64	1,639	S	-
										12-01-64	1,641	S	-
										10-31-71	1,612	V	-
										08-02-72	1,617	V	-
										01-23-73	1,614	V	-
										01-15-80	1,596	V	-
										06-30-86	1,611	V	-
										05-13-87	1,617	V	-
										01-12-88	1,612	V	-
										02-04-88	1,613	V	-
										02-10-88	1,613	V	-
										10-27-88	1,616	V	-
										10-28-88	1,616	V	-
										10-31-88	1,616	V	-
										12-08-88	1,617	V	-
										12-15-88	1,617	V	-
										01-31-89	1,618	V	-
										05-03-89	1,618	V	-
										06-27-89	1,620	V	-
										07-18-89	1,620	V	-
										08-01-89	1,621	V	-
										08-10-89	1,620	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
TW-7[c]	370353116020201	37 03 53	116 02 02	06-27-54	4,063	2,239	1,710	1,720	P	08-11-89	1,620	V	-
							1,925	1,935	P	08-29-89	1,621	V	-
							1,970	2,014	P	09-11-89	1,621	V	-
							1,977	2,251	P	09-28-89	1,621	V	-
U-3cn 5[d]	370320116012001	37 03 34	116 01 21	02-07-66	4,012	2,830	2,832	2,835	X	04-20-66	1,623	V	-
							2,835	3,028	X	11-28-73	1,621	V	-
							3,028	3,030	X	05-05-80	1,619	V	-
										03-11-85	1,621	V	-
										05-12-87	1,620	V	-
										12-30-87	1,621	V	-
										11-03-88	1,620	V	-
										05-03-89	1,620	V	-
U-3kv	370020116003701	37 00 20	116 00 37	08-27-79	3,956	1,548	117	119	X	08-28-79	1,536	L	R
							119	1,600	X	03-04-86	1,533	R	-
										03-26-86	1,533	R	-
										05-12-86	1,535	V	-
										05-27-86	1,533	V	-
										06-09-86	1,534	V	-
										06-22-86	1,534	V	-
										05-12-87	1,534	V	-
										12-29-87	1,533	V	-
										03-08-88	1,534	V	-
										04-06-88	1,534	V	-
										04-19-88	1,534	V	-
										07-08-88	1,534	V	-
										10-21-88	1,534	V	-
										01-24-89	1,533	V	-
										04-05-89	1,533	V	-
										05-02-89	1,532	V	-
										06-29-89	1,534	V	-
										08-01-89	1,534	V	-
										09-28-89	1,534	V	-
U-3mh	370157115591401	37 01 57	115 59 14	03-17-86	4,092	1,671	268	270	X	03-17-86	1,590	R	Z
							270	1,742	X	03-18-86	1,664	L	Z
										03-20-86	--	R	D
										10-28-87	--	V	D
U-3mi	370020115593001	37 00 21	115 59 30	01-20-86	4,004	1,761	372	380	X	10-28-87	1,598	V	-
							380	1,794	X	12-29-87	1,597	V	-
										02-24-88	1,596	V	-
										03-30-88	1,595	V	-
										04-06-88	1,595	V	-
										07-08-88	1,592	V	-
										10-21-88	1,590	V	-
										01-24-89	1,587	V	-
										04-05-89	1,587	V	-
										05-03-89	1,585	V	-
										06-29-89	1,584	V	-
										08-01-89	1,584	V	-
										09-28-89	1,583	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-3e[a]	370411116025901	37 04 11	116 02 59	06-22-86	4,083	1,707	117	120	X	06-23-86	1,557	L	Z
							120	1,707	X	06-24-86	1,557	L	-
										06-25-86	1,555	L	-
UE-3e[a]	370411116025902	37 04 11	116 02 59	06-26-86	4,083	2,105	117	120	X	06-26-86	1,968	L	Z
							120	2,105	X	06-26-86	1,686	L	-
										06-27-86	1,557	L	-
										06-27-86	1,556	V	-
										06-27-86	1,554	L	-
										06-28-86	1,553	L	-
										06-29-86	1,553	L	-
										06-30-86	1,535	L	-
										06-30-86	1,528	L	-
										07-01-86	1,515	L	-
										07-02-86	1,506	L	-
										07-03-86	1,499	L	-
										07-05-86	1,507	L	-
										07-06-86	1,496	L	-
										07-07-86	1,488	L	-
UE-3e[a]	370411116025903	37 04 11	116 02 59	07-08-86	4,083	2,410	117	120	X	07-08-86	1,826	L	Z
							120	2,410	X	07-09-86	1,669	L	-
										07-09-86	1,558	L	-
										07-09-86	1,553	L	-
										07-10-86	1,551	L	-
										07-10-86	1,550	L	-
										07-11-86	1,550	L	-
										07-13-86	1,550	R	-
										07-14-86	1,549	L	-
										07-14-86	1,546	L	-
										07-15-86	1,545	L	-
										07-16-86	1,545	L	-
										07-16-86	1,547	L	-
										07-18-86	1,549	L	-
										07-19-86	1,550	L	-
										07-19-86	1,548	L	-
										07-20-86	1,547	L	-
										07-20-86	1,545	L	-
										07-21-86	1,544	L	-
										07-21-86	1,543	L	-
										07-22-86	1,543	L	-
										07-23-86	1,543	L	-
										07-23-86	1,541	L	-
										07-24-86	1,541	L	-
										07-25-86	1,540	L	-
										07-26-86	1,540	L	-
										07-27-86	1,540	L	-
										07-28-86	1,540	L	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-3e[a]	370411116025904	37 04 11	116 02 59	07-29-86	4,083	2,510	117	120	X	07-30-86	1,609	L	Z
							120	2,510	X	08-06-86	1,542	L	-
UE-3e[a,e]	370411116025905	37 04 11	116 02 59	08-07-86	4,083	2,110	117	120	X	08-07-86	1,512	L	Z
							120	2,110	X	08-08-86	1,540	L	-
										08-11-86	1,541	L	-
										08-15-86	1,540	L	-
										08-17-86	1,543	L	-
UE-3e[a,f]	370411116025906	37 04 11	116 02 59	08-07-86	4,083	2,150	2,118	2,150	X	08-07-86	1,649	L	Z
										08-07-86	1,421	L	-
										08-08-86	1,155	L	-
										08-09-86	1,108	L	-
										08-09-86	1,050	L	-
										08-10-86	1,035	L	-
										08-10-86	994	L	-
										08-11-86	984	L	-
										08-11-86	957	L	-
										08-12-86	949	L	-
										08-12-86	926	L	-
										08-13-86	920	L	-
										08-13-86	902	L	-
										08-14-86	897	L	-
										08-14-86	881	L	-
										08-15-86	874	L	-
										08-15-86	867	L	-
										08-16-86	860	L	-
										08-16-86	854	L	-
										08-17-86	848	L	-
										08-17-86	842	L	-
										08-18-86	838	L	-
UE-3e 2	370411116025907	37 04 11	116 02 59	04-16-87	4,082	2,372	1,950	2,372	X	05-12-87	673	L	Z
										05-19-87	633	L	-
										05-26-87	614	L	-
										06-02-87	604	L	-
										06-09-87	600	L	-
										06-16-87	596	L	-
										06-24-87	590	L	-
										06-30-87	589	L	-
										07-07-87	588	L	-
										07-14-87	589	L	-
										07-21-87	580	L	-
										07-28-87	581	L	-
										08-04-87	582	L	-
										08-11-87	582	R	-
										01-04-88	524	R	-
										02-19-88	517	R	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-3e 3	370411116025908	37 04 13	116 02 51	03-09-88	4,082	2,221	115	130	X	03-09-88	--	V	D
							130	2,221	X				
---------- AREA 4 ----------													
TW-D	370418116044501	37 04 28	116 04 30	01-08-61	4,152	1,950	1,772	1,792	P	01-09-61	1,732	V	-
							1,792	1,812	P	01-13-61	1,732	V	-
							1,812	1,832	P	02-27-65	1,726	V	-
							1,832	1,882	P	04-13-75	1,725	V	-
							1,900	1,950	X	04-13-75	1,726	V	-
										05-19-75	1,725	S	-
										01-13-80	1,723	V	-
										12-22-82	1,725	V	-
										03-26-85	1,724	V	-
										06-30-86	1,723	V	-
										07-22-87	1,722	V	-
										03-24-88	1,723	V	-
										11-07-88	1,723	V	-
										05-03-89	1,722	V	-
U-4au	370509116040301	37 05 09	116 04 07	09-06-87	4,144	1,724	117	118	X	09-08-87	1,644	L	Z
							118	1,750	X	09-11-87	1,642	V	-
										09-17-87	1,640	V	-
										10-01-87	1,639	V	-
										10-09-87	1,640	V	-
										10-13-87	1,640	V	-
										10-16-87	1,639	V	-
										10-19-87	1,638	V	-
										10-20-87	1,639	V	-
										10-28-87	1,639	V	-
										10-30-87	1,632	L	-
										12-16-87	1,639	S	-
										12-30-87	1,639	V	-
										01-12-88	1,640	V	-
										03-03-88	1,640	V	-
										04-05-88	1,641	V	-
										05-09-88	1,641	V	-
U-4u	370520116025701	37 05 20	116 02 57	05-13-87	4,120	2,132	117	118	X	05-06-87	1,690	L	Z
							118	120	X				
							120	1,249	X				
UE-4av[a]	370547116041101	37 05 47	116 04 11	06-20-89	4,177	1,726	116	125	X	06-21-89	1,728	L	Z
							125	1,758	X	06-29-89	1,589	V	-
										07-05-89	1,569	V	-
										07-06-89	1,564	L	-
										07-07-89	1,569	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-4av[a]	370547116041102	37 05 47	116 04 11	07-13-89	4,177	2,400	1,720	1,758	X	07-14-89	2,211	L	Z
							1,758	2,815	X	07-17-89	1,969	L	-
										07-20-89	1,838	L	-
										07-26-89	1,732	V	-
										08-03-89	1,670	V	-
										08-09-89	1,671	V	-
										08-18-89	1,646	V	-
										08-23-89	1,641	L	-
										09-01-89	1,640	V	-
										09-05-89	1,639	V	-
UE-4t[a]	370556116025401	37 05 56	116 02 54	01-11-87	4,144	1,701	119	121	X	01-16-87	1,600	L	Z
							121	1,701	X				
UE-4t[a]	370556116025402	37 05 56	116 02 54	01-20-87	4,144	1,947	119	121	X	01-22-87	1,428	L	Z
							121	1,947	X	01-27-87	1,134	L	-
										02-03-87	1,088	L	-
										02-10-87	1,076	L	-
										02-17-87	1,071	L	-
										02-27-87	1,068	L	-
UE-4t[a]	370556116025403	37 05 56	116 02 54	03-09-87	4,144	2,123	119	121	X	03-10-87	1,746	L	Z
							121	2,413	X	03-14-87	1,013	L	-
										03-24-87	906	L	-
										03-31-87	895	L	-
										04-07-87	886	L	-
										04-14-87	888	L	-
										04-21-87	892	L	-
										04-29-87	882	L	-
										05-05-87	879	L	-
										10-09-87	871	V	-
										10-16-87	873	V	-
										01-12-88	871	V	-
										03-03-88	874	V	-
										04-19-88	877	V	-
										06-02-88	882	V	-
										06-03-88	883	V	-
										08-04-88	890	V	-
										08-16-88	891	V	-
										12-08-88	871	V	-
										02-15-89	890	V	Z
										03-10-89	877	V	Z
UE-4t[a,g]	370556116025404	37 05 56	116 02 54	05-05-89	4,144	1,728	1,619	1,728	X	05-12-89	871	V	Z
										05-16-89	865	V	-
										09-01-89	887	V	-
										09-27-89	887	V	Z

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
AREA 5													
UE-5n	364915115574101	36 49 15	115 57 41	03-01-76	3,112	1,687	720	730	P	12-03-76	706	V	-
							1,523	1,687	X	12-14-76	706	V	-
										04-08-77	705	V	-
										10-15-79	704	V	-
										03-22-80	703	V	-
										03-31-80	703	V	-
										05-05-83	705	S	-
										06-16-83	705	L	-
										08-25-83	705	S	-
										01-10-84	705	S	-
										05-17-84	705	S	-
										03-19-85	704	V	-
										04-23-85	704	S	-
										07-10-86	704	V	-
										07-24-87	706	V	-
										03-24-88	705	V	-
										10-21-88	705	V	-
										01-10-89	705	S	-
										01-11-89	706	S	-
										01-13-89	705	S	-
										05-03-89	705	V	-
										09-08-89	704	V	-
										09-08-89	705	V	-
AREA 6													
TW-B	365849116002101	36 58 45	116 00 49	05-14-61	3,929	1,670	1,432	1,452	P	05-15-61	1,509	V	-
							1,512	1,656	P	05-16-61	1,509	V	-
										06-20-61	1,509	V	-
										11-20-62	1,506	V	-
										06-05-63	1,506	V	-
										06-17-63	1,506	V	-
										08-20-63	1,506	V	-
										08-26-63	1,505	V	-
										08-26-63	1,504	V	-
										08-27-63	1,504	V	-
										11-19-63	1,507	V	-
										01-27-65	1,507	V	-
										11-04-69	1,505	S	-
										07-29-70	1,505	S	-
										10-22-71	1,507	V	-
										02-07-72	1,505	S	-
										08-01-72	1,506	V	-
										08-10-72	1,506	V	-
										01-17-73	1,504	S	-
										02-26-73	1,505	S	-
										04-27-73	1,505	S	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
TW-B (cont.)	365849116002101	36 58 45	116 00 49	05-14-61	3,929	1,670	1,432	1,452	P	08-12-76	1,505	S	-
							1,512	1,656	P	03-06-80	1,504	V	-
										04-03-80	1,504	S	-
										04-04-80	1,504	S	-
										04-05-80	1,504	S	-
										08-06-80	1,504	V	-
										03-10-83	1,504	S	-
										12-30-83	1,504	S	-
										01-11-84	1,504	S	-
										03-14-84	1,504	V	-
										05-16-84	1,504	S	-
										03-09-85	1,504	S	-
										05-19-85	1,504	S	-
										06-19-85	1,504	S	-
										06-10-86	1,504	S	-
										03-03-87	1,504	S	-
										03-05-87	1,504	S	-
										03-30-87	1,505	S	-
										03-30-87	1,504	S	-
										07-14-87	1,504	S	-
										11-08-88	1,504	V	-
										12-07-88	1,504	V	-
										01-10-89	1,504	S	-
										01-11-89	1,504	S	-
										01-13-89	1,504	S	-
										01-19-89	1,504	V	-
										05-03-89	1,503	V	-
UE-6d	365905116033201	36 59 05	116 03 32	05-01-68	3,947	3,864	2,125	2,617	X	05-05-68	1,528	L	-
							2,617	3,886	X	10-24-71	1,522	V	-
							3,886	3,896	X	01-20-72	1,522	L	-
										08-09-72	1,522	V	-
										01-18-73	1,521	V	-
										01-10-80	1,517	V	-
										03-26-85	1,517	V	-
										07-10-86	1,516	V	-
										05-18-87	1,514	V	-
										04-06-88	1,516	V	-
										11-08-88	1,516	V	-
										05-04-89	1,505	V	-
UE-6e	365905116012001	36 59 05	116 01 20	11-01-73	3,936	4,208	2,090	2,886	X	01-10-80	1,508	V	-
							2,886	4,209	X	03-20-85	1,509	V	-
										07-10-86	1,508	V	-
										06-04-87	1,508	V	-
										03-24-88	1,510	V	-
										11-08-88	1,509	V	-
										05-03-89	1,508	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
AREA 7													
U-7ca	370436116000201	37 04 36	116 00 02	11-08-85	4,244	1,785	268	275	X	11-09-85	1,707	L	Z
							275	1,800	X	12-02-85	1,704	L	-
										02-03-86	1,703	R	-
										05-27-86	1,704	V	-
										06-09-86	1,704	V	-
										06-16-86	1,703	V	-
										06-22-86	1,703	V	-
										08-01-86	1,703	R	-
										08-12-86	1,703	R	-
										08-15-86	1,703	R	-
										08-16-86	1,703	R	-
										09-16-86	1,705	R	-
										10-28-86	1,705	R	-
										11-12-86	1,705	R	-
										11-18-86	1,705	R	-
										12-19-86	1,705	R	-
										03-24-87	1,705	R	-
										04-01-87	1,705	R	-
										04-07-87	1,702	V	-
										04-14-87	1,705	R	-
										04-21-87	1,705	R	-
										05-05-87	1,705	R	-
										05-13-87	1,703	V	-
										06-03-87	1,704	R	-
										06-09-87	1,707	R	-
										06-18-87	1,707	R	-
										07-21-87	1,707	R	-
										08-18-87	1,707	R	-
										12-02-87	1,707	R	-
										12-08-87	1,707	R	-
										12-29-87	1,703	V	-
										02-01-88	1,702	R	-
										03-01-88	1,701	R	-
										03-08-88	1,704	V	-
										04-12-88	1,701	R	-
										04-19-88	1,704	V	-
										06-29-88	1,702	S	-
										07-20-88	1,703	V	-
										07-28-88	1,703	V	-
										08-08-88	1,703	V	-
										09-26-88	1,702	L	-
										10-18-88	1,703	V	-
U-7cb	370514116000601	37 05 14	116 00 06	02-14-86	4,286	1,796	299	310	X	03-11-86	1,797	R	Z
							310	1,850	X	03-21-86	1,798	L	-
										03-25-86	1,795	R	-
										03-28-86	1,793	R	-
										04-01-86	1,795	R	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
U-7cb (cont.)	370514116000601	37 05 14	116 00 06	02-14-86	4,286	1,796	299	310	X	04-04-86	1,795	R	-
							310	1,850	X	04-15-86	1,794	R	-
										04-18-86	1,794	R	-
										04-22-86	1,794	R	-
										04-25-86	1,794	R	-
										05-02-86	1,793	R	-
										05-06-86	1,793	R	-
										05-09-86	1,791	R	-
										05-16-86	1,791	R	-
										06-02-86	1,790	R	-
										06-03-86	1,790	R	-
										06-06-86	1,790	R	-
										06-24-86	1,789	R	-
										06-27-86	1,789	R	-
										07-15-86	1,789	R	-
										07-22-86	1,789	R	-
										07-25-86	1,789	R	-
										08-01-86	1,789	R	-
										08-04-86	1,789	V	-
										08-07-86	1,789	V	-
										08-12-86	1,789	R	-
										08-15-86	1,789	R	-
										09-02-86	1,789	R	-
										09-05-86	1,789	R	-
										09-09-86	1,791	R	-
										09-12-86	1,789	R	-
										09-16-86	1,789	R	-
										10-28-86	1,789	R	-
										11-12-86	1,789	R	-
										11-18-86	1,789	R	-
										12-09-86	1,789	R	-
										03-24-87	1,789	R	-
										04-01-87	1,789	R	-
										04-07-87	1,786	V	-
										04-14-87	1,789	R	-
										04-21-87	1,789	R	-
										05-05-87	1,789	R	-
										05-13-87	1,786	V	-
										06-03-87	1,789	R	-
										06-09-87	1,789	R	-
										06-17-87	1,789	R	-
										07-21-87	1,789	R	-
										08-18-87	1,789	R	-
										12-02-87	1,792	R	-
										12-11-87	1,792	R	-
										12-29-87	1,786	V	-
										02-01-88	1,785	R	-
										03-01-88	1,784	R	-
										03-08-88	1,787	V	-
										04-19-88	1,788	V	-
										07-08-88	1,787	V	-
										10-18-88	1,787	V	-
										12-06-88	1,787	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
U-7cb (cont.)	370514116000601	37 05 14	116 00 06	02-14-86	4,286	1,796	299	310	X	01-24-89	1,787	V	-
							310	1,850	X	02-13-89	1,785	V	-
										02-16-89	1,788	R	-
										02-27-89	1,784	V	-
										04-05-89	1,784	V	-
										05-02-89	1,784	V	-
										06-29-89	1,784	V	-
										07-13-89	1,784	S	-
										08-01-89	1,785	V	-
										08-29-89	1,784	S	-
										09-28-89	1,784	V	-
U-7cc	370605116012401	37 06 05	116 01 24	01-06-88	4,286	1,583	556	561	X	02-01-88	1,581	R	Z
							561	1,600	X	02-08-88	1,578	L	-
										03-08-88	1,579	V	-
										03-16-88	1,577	V	-
										04-18-88	1,578	V	-
										06-06-88	--	V	D
UE-7nS[b]	370556116000901	37 05 56	116 00 09	07-14-76	4,370	2,205	1,995	2,199	P	08-08-76	1,968	L	-
							2,199	2,205	X	08-17-76	1,972	V	-
							1,960	2,020	P	08-22-77	1,959	L	-
							1,962	2,022	P	08-28-77	1,968	V	-
										09-08-77	1,968	V	-
										09-26-77	1,974	V	-
										02-04-80	1,971	V	-
										08-01-80	1,971	V	-
										09-12-80	1,970	L	-
										03-18-81	1,971	V	-
										06-05-81	1,971	V	-
										03-19-84	1,971	V	-
										03-25-85	1,976	V	-
										04-01-86	1,968	V	-
										09-02-87	1,970	V	-
										12-30-87	1,968	V	-
										03-30-88	1,970	V	-
										04-25-88	1,970	V	-
										06-06-88	1,969	V	-
										07-08-88	1,969	V	-
										08-08-88	1,969	V	-
										11-03-88	1,969	V	-
										05-02-89	1,967	V	-
										06-27-89	1,968	V	-
										07-18-89	1,968	V	-
										08-01-89	1,969	V	-
										08-15-89	1,969	V	-
										08-29-89	1,968	V	-
										09-11-89	1,968	V	-
										09-28-89	1,969	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
AREA 8													
U-8n	371031116053001	37 10 31	116 05 30	07-11-84	4,542	1,890	117	118	X	07-15-84	1,843	L	R
							118	1,893	X	07-19-84	1,826	L	-
										07-24-84	1,814	L	-
										09-10-84	1,772	L	-
										03-02-88	--	V	D
UE-8n	371029116053601	37 10 29	116 05 36	07-24-84	4,549	1,539	73	74	X	03-03-88	--	V	D
							74	1,825	X				
							1,825	2,372	X				
AREA 9													
U-9ct	370815116032701	37 08 15	116 03 27	06-03-81	4,264	1,637	117	118	X	06-05-81	1,677	L	R
							118	119	X	06-14-81	1,682	L	-
							119	1,710	X	02-24-88	--	V	D
AREA 10													
UE-10 ITS 3[a]	371109116024701	37 11 09	116 02 47	12-21-69	4,353	2,160	84	85	X	12-22-69	2,023	L	R
							85	2,160	X	12-31-69	1,903	L	Z
										01-07-70	1,889	L	Z
										01-14-70	1,889	L	Z
										01-21-70	1,886	L	Z
										01-28-70	1,878	L	Z
										02-04-70	1,876	L	Z
										02-11-70	1,875	L	Z
										02-18-70	1,873	L	Z
										02-25-70	1,873	L	Z
										03-04-70	1,873	L	Z
										03-11-70	1,874	L	Z
										12-05-70	1,867	L	Z
										05-29-71	--	R	D
										11-10-72	1,890	L	Z
										11-11-72	1,890	L	Z
UE-10 ITS 3[a]	371109116024702	37 11 09	116 02 47	11-13-72	4,353	1,926	1,777	1,867	P	01-20-73	1,860	V	-
							1,867	1,926	X	03-16-73	1,855	V	-
										05-21-73	1,854	V	-
										01-26-78	1,850	L	-
										02-22-78	1,854	V	-
										01-14-80	1,853	V	-
										03-19-85	1,850	V	-
										07-30-87	1,849	V	-
										02-24-88	1,850	V	-
										11-03-88	1,850	V	-
										05-02-89	1,849	V	-
										09-01-89	1,849	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
---------- AREA 12 ----------													
U-12s[a]	371342116125101	37 13 42	116 12 51	01-28-66	6,794	1,562	12	583	X	02-09-66	966	L	Z
							583	1,596	X				
U-12s[a]	371342116125102	37 13 42	116 12 51	03-15-66	6,794	1,467	12	583	X	08-06-66	940	L	-
							583	1,480	X	08-17-66	938	V	-
										08-31-66	938	B	-
										09-01-66	938	B	Z
										09-15-66	938	B	-
										09-30-66	938	B	-
										10-01-66	938	B	-
										10-15-66	938	B	Z
										10-19-66	938	B	-
										03-09-67	940	B	-
										03-15-67	940	B	-
										03-31-67	939	B	-
										04-01-67	939	B	-
										04-15-67	940	B	-
										04-30-67	940	B	-
										05-01-67	940	B	-
										05-15-67	940	B	-
										05-31-67	941	B	-
										06-01-67	941	B	-
										06-07-67	940	B	-
										10-24-67	954	L	-
										04-03-68	932	L	-
										06-29-78	958	L	-
										06-07-88	944	V	-
										06-10-88	944	V	-
										08-08-88	942	V	-
										10-14-88	942	V	-
										03-21-89	941	V	-
										05-02-89	941	V	-
										07-19-89	941	V	-
										08-18-89	941	V	-
UE-12n 15A	371226116125201	37 12 26	116 12 52	05-19-88	7,369	1,925	700	1,934	X	05-31-88	1,331	V	-
										06-06-88	1,328	V	-
										06-10-88	1,330	V	-
										06-15-88	1,331	V	-
										06-20-88	1,326	L	-
UE-12t 6[a]	371332116112801	37 13 32	116 11 28	08-05-88	6,907	1,351	23	1,378	X	08-08-88	814	V	Z
										08-12-88	848	V	-
										08-31-88	867	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-12t 6[a,h]	371332116112802	37 13 32	116 11 28	09-16-88	6,907	1,461	23	75	X	09-19-88	70	R	I
							416	416	P	09-20-88	530	V	Z
							466	466	P	09-20-88	535	V	Z
							490	490	P	09-20-88	550	V	Z
							540	540	P	09-20-88	579	V	Z
							570	570	P	09-20-88	581	V	Z
							620	620	P	09-20-88	585	V	Z
							674	1,461	X	09-20-88	590	V	Z
										09-20-88	595	V	Z
										09-20-88	597	V	Z
										09-20-88	613	V	Z
										09-20-88	619	V	Z
										09-20-88	623	V	Z
										09-21-88	629	V	Z
										09-21-88	640	V	Z
										09-21-88	643	V	Z
										09-21-88	646	V	Z
										09-21-88	664	V	Z
										09-21-88	671	V	Z
										09-21-88	677	V	Z
										09-21-88	682	V	Z
										09-21-88	693	V	Z
										09-21-88	697	V	Z
										09-22-88	706	V	Z
										09-22-88	714	V	Z
										09-22-88	716	V	Z
										09-22-88	719	V	Z
										09-22-88	722	V	Z
										09-22-88	726	V	Z
										09-23-88	734	V	Z
										09-25-88	758	V	Z
										09-28-88	763	V	Z
										09-30-88	766	V	-
										10-03-88	769	V	-
										10-06-88	770	V	-
										10-14-88	775	V	-
										10-27-88	776	V	-
										11-03-88	781	V	-
										11-07-88	784	V	-
										11-16-88	776	V	-
										02-21-89	771	V	-
										02-28-89	758	V	-
										03-21-89	777	V	-
										05-02-89	812	V	-
										07-19-89	813	V	-
										08-18-89	816	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-12t 7	371307116103801	37 13 46	116 10 54	11-04-88	6,961	1,583	20	198	X	11-16-88	839	V	Z
							198	201	X	11-17-88	776	V	Z
							359	1,692	X	02-21-89	--	V	O
AREA 14													
UE-14b	365550116091101	36 55 50	116 09 11	01-30-84	4,353	3,680	2,051	2,060	X	01-31-84	1,671	L	Z
							2,060	3,680	X	02-10-84	1,666	L	-
										12-06-84	1,664	V	-
										05-28-86	1,666	V	-
										08-03-87	1,665	V	-
										03-30-88	1,667	V	-
										12-13-88	1,667	V	-
										05-04-89	1,666	V	-
										08-02-89	1,666	V	-
										09-08-89	1,666	V	-
AREA 16													
UE-16f[a]	370208116092401	37 02 08	116 09 24	08-25-77	4,652	1,200	213	215	X	08-26-77	798	L	Z
							215	1,261	X				
UE-16f[a]	370208116092402	37 02 08	116 09 24	09-23-77	4,652	1,409	1,293	1,479	X	03-05-85	367	V	-
										07-14-86	368	V	-
										07-22-87	366	V	-
										03-21-88	366	V	-
										11-08-88	366	V	-
										05-02-89	367	V	-
AREA 17													
TW-1[a]	370929116132301	37 09 29	116 13 23	09-30-60	6,156	560	0	560	X	09-30-60	410	R	Z
TW-1[a]	370929116132302	37 09 29	116 13 23	11-10-60	6,156	1,615	0	1,615	X	11-10-60	416	R	Z
										11-18-60	415	R	Z
TW-1[a]	370929116132303	37 09 29	116 13 23	02-17-61	6,156	1,840	1,615	1,840	X	02-17-61	1,023	V	Z
										02-21-61	1,024	V	Z
TW-1[a,i]	370929116132304	37 09 29	116 13 23	06-09-61	6,156	3,731	3,700	3,714	X	06-09-61	1,984	R	Z
							3,714	3,731	X				
TW-1[a,j]	370929116132305	37 09 29	116 13 23	06-10-61	6,156	3,731	3,700	3,714	X	08-18-61	1,032	V	Z
							3,714	3,731	X	12-05-61	1,027	V	-
										03-12-62	1,026	V	-
										07-06-62	1,027	V	-
TW-1[a]	370929116132306	37 09 29	116 13 23	08-07-62	6,156	4,206	3,700	3,714	X	08-09-62	1,969	V	Z
							3,714	4,206	X	08-10-62	1,967	R	Z

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
TW-1[a,k]	370929116132307	37 09 29	116 13 23	08-12-62	6,156	2,710	1,910	1,950	P	08-14-62	1,441	V	Z
							2,030	2,050	P	08-16-62	1,441	R	Z
							2,100	2,160	P				
							2,230	2,270	P				
							2,370	2,430	P				
TW-1[a,l]	370929116132308	37 09 29	116 13 23	08-19-62	6,156	2,753	1,910	1,950	P	09-25-63	1,441	V	-
							2,030	2,050	P	10-10-63	1,441	V	-
							2,100	2,160	P	10-14-63	1,440	V	-
							2,230	2,270	P	10-15-63	1,440	V	-
							2,370	2,430	P	10-16-63	1,439	V	Z
										10-17-63	1,439	V	-
										10-17-63	1,440	V	-
TW-1[a,m]	370929116132309	37 09 29	116 13 23	08-19-62	6,156	4,198	3,700	3,714	X	09-25-63	1,967	V	-
							3,714	4,206	X	10-10-63	1,968	V	-
										10-14-63	1,965	V	-
										10-14-63	1,967	V	-
										10-14-63	1,968	V	-
										10-16-63	1,967	V	Z
										10-17-63	1,966	V	-
										10-18-63	1,966	V	-
										10-20-63	1,966	V	-
										10-21-63	1,966	V	-
										10-25-63	1,966	V	-
										10-28-63	1,966	V	-
										11-05-63	1,965	V	-
										11-12-63	1,966	V	-
										11-15-63	1,965	V	-
										12-02-63	1,965	V	-
										12-05-63	1,965	V	-
TW-1[a]	370929116132310	37 09 29	116 13 23	64	6,156	4,206	1,910	1,950	P	06-24-65	1,683	R	R
							2,030	2,050	P				
							2,100	2,160	P				
							2,230	2,270	P				
							2,370	2,430	P				
							3,700	3,714	X				
							3,714	4,206	X				
TW-1[a]	370929116132311	37 09 29	116 13 23	80	6,156	3,694	1,910	1,950	P	04-07-80	1,466	V	-
							2,030	2,050	P	03-26-85	1,464	V	-
							2,100	2,160	P	06-12-86	1,468	V	-
							2,230	2,270	P	08-18-87	1,467	V	-
							2,370	2,430	P	02-29-88	1,467	V	-
										10-14-88	1,467	V	-
										05-02-89	1,466	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-17a	370425116095801	37 04 25	116 09 58	09-23-76	4,696	1,207	745	825	P	10-18-78	562	V	Z
							1,005	1,015	P	12-05-78	574	V	Z
							1,065	1,190	P	12-07-78	576	V	Z
							1,210	1,214	X	02-09-79	472	V	Z
										02-26-79	461	V	Z
										06-18-79	459	V	Z
										09-25-79	458	V	Z
										02-12-80	456	V	Z
										04-08-80	457	V	Z
										03-05-85	638	V	S
										07-08-86	639	V	S
										07-24-87	638	V	S
										03-21-88	638	V	S
										11-08-88	638	V	S
										05-04-89	638	V	S
AREA 18													
UE-18r	370806116264001	37 08 05	116 26 41	01-24-68	5,538	4,930	1,629	1,632	X	01-29-68	1,372	V	R
							1,632	4,988	X	01-31-68	1,372	V	Z
							4,988	5,004	X	06-11-78	1,370	L	-
										06-12-86	1,366	V	-
										06-25-87	1,366	V	-
										03-23-88	1,366	V	-
										12-12-88	1,366	V	-
										05-03-89	1,365	V	-
UE-18t	370741116194501	37 07 41	116 19 45	10-05-78	5,201	2,600	1,896	2,600	X	10-06-78	917	V	Z
										10-26-78	917	V	-
										12-08-78	915	V	-
										01-10-79	916	V	-
										02-14-79	916	V	-
										03-06-79	915	V	-
										04-13-79	916	V	-
										05-15-79	915	V	-
										06-13-79	916	V	-
										07-13-79	915	V	-
										09-20-79	916	V	-
										10-18-79	916	V	-
										12-20-79	912	V	-
										03-26-85	914	V	-
										06-10-86	916	V	-
										07-02-87	915	V	-
										03-23-88	916	V	-
										12-12-88	916	V	-
										05-03-89	916	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
AREA 19													
U-19au	371509116223601	37 15 09	116 22 36	04-19-87	6,534	2,200	54	2,200	X	06-05-87	2,072	L	Z
										10-08-87	2,076	V	-
										10-13-87	2,078	V	-
										10-19-87	2,077	V	-
										10-20-87	2,077	V	-
										11-12-87	2,077	V	-
										01-07-88	2,077	V	-
										02-22-88	2,077	V	-
										03-02-88	2,077	V	-
U-19au 1	371509116223602	37 15 09	116 22 36	02-10-88	6,534	2,167	81	82	X	02-22-88	2,075	V	Z
							82	2,167	X	02-29-88	2,076	V	-
										03-02-88	2,076	V	-
U-19av	371519116223301	37 15 19	116 22 33	04-03-89	6,514	1,000	52	56	X	04-17-89	2,022	V	Z
							56	2,144	X				
U-19ax	371750116182401	37 17 50	116 18 24	07-27-87	6,986	2,200	59	2,200	X	09-11-87	2,152	V	Z
										09-17-87	2,152	V	-
										09-23-87	2,152	V	-
										10-01-87	2,153	V	-
										10-08-87	2,154	V	-
										10-20-87	2,155	V	-
										11-12-87	2,160	V	-
										11-16-87	2,160	V	-
										12-22-87	2,168	V	-
										01-04-88	--	V	D
										01-11-88	--	V	D
U-19ay	371632116211301	37 16 32	116 21 13	09-09-87	6,712	2,156	59	61	X	12-22-87	2,122	V	Z
							61	65	X	01-04-88	2,123	V	-
							65	2,156	X	01-07-88	2,123	V	-
										01-25-88	2,124	V	-
										02-08-88	2,125	V	-
										02-22-88	2,126	V	-
										03-17-88	2,127	V	-
										12-16-88	2,129	V	-
										01-05-89	2,129	V	-
										01-09-89	2,129	V	-
U-19az	371339116221601	37 13 39	116 22 16	12-05-88	6,753	2,130	77	79	X	12-16-88	2,104	V	Z
							79	2,130	X	12-20-88	2,104	V	-
										01-03-89	2,097	V	-
										01-06-89	2,097	V	-
										01-09-89	2,097	V	-
										01-23-89	2,092	V	-
										02-13-89	2,085	V	-
										02-22-89	2,082	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
U-19az (cont.)	371339116221601	37 13 39	116 22 16	12-05-88	6,753	2,130	77	79	X	02-27-89	2,080	V	-
							79	2,130	X	02-28-89	2,080	V	-
										03-01-89	2,080	V	-
										03-06-89	2,080	V	-
										03-07-89	2,079	V	-
										03-08-89	2,078	V	-
										03-09-89	2,078	V	-
										03-14-89	2,078	V	-
										03-20-89	2,078	V	-
										04-10-89	2,077	V	-
										04-28-89	2,079	V	-
										05-01-89	2,079	V	-
										05-22-89	2,079	V	-
										06-06-89	2,079	V	-
										06-08-89	2,079	V	-
										06-26-89	2,079	V	-
										07-12-89	2,079	V	-
										07-17-89	2,079	V	-
										07-31-89	2,080	V	-
										08-08-89	2,079	V	-
										08-14-89	2,079	V	-
										08-21-89	2,080	V	-
										08-28-89	2,080	V	-
										08-31-89	2,079	V	-
										09-25-89	2,080	V	-
U-19ba	371746116184601	37 17 46	116 18 46	09-11-89	7,037	2,177	69	70	X	09-15-89	2,167	V	R
							70	2,177	X	09-18-89	2,164	V	-
										09-25-89	2,162	V	-
AREA 20													
PM-1[a]	371649116242101	37 16 49	116 24 21	06-18-63	6,558	7,552	76	7,563	X	08-15-63	2,113	V	-
										09-25-63	2,116	V	-
										09-25-63	2,115	V	-
PM-1[a]	371649116242102	37 16 49	116 24 21	05-03-64	6,558	7,731	7,543	7,550	X	01-04-81	2,099	L	-
							7,550	7,731	X	08-19-88	2,100	V	-
										11-04-88	2,101	V	-
										04-24-89	2,099	V	-
										04-25-89	2,099	V	-
										06-14-89	2,098	V	-
										06-23-89	2,099	V	-
										06-26-89	2,099	V	-
										07-26-89	2,100	V	-
										08-02-89	2,100	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
PM-2	372042116340501	37 20 42	116 34 05	05-01-66	5,586	8,782	2,500	2,520	P	06-20-83	851	V	-
							2,550	2,560	P	03-13-85	852	V	-
							2,610	2,640	P	05-01-86	852	V	-
							2,910	2,950	P	06-16-87	850	V	-
							3,450	3,460	P	03-23-88	851	V	-
							3,520	3,590	P	10-17-88	850	V	-
							3,890	3,900	P	05-09-89	851	V	-
							4,400	4,430	P	09-20-89	851	V	-
							5,120	5,140	P				
							5,250	5,290	P				
							5,498	5,500	X				
							5,500	6,080	X				
							6,080	8,782	X				
U-20au	371730116260101	37 17 30	116 26 01	02-07-86	6,484	712	19	20	X	02-07-86	--	R	D
							20	1,368	X	11-22-88	--	V	D
U-20aw	371658116244401	37 16 58	116 24 44	11-25-86	6,585	2,100	52	53	X	12-10-86	2,086	L	Z
							53	2,100	X	01-14-87	2,085	L	-
										03-04-87	2,086	L	-
										08-04-88	2,086	V	-
										08-05-88	2,085	V	-
										08-10-88	2,085	V	-
										08-15-88	2,086	V	-
										08-26-88	2,085	V	-
										09-01-88	2,085	V	-
										11-04-88	2,086	V	-
U-20ax	371350116264701	37 13 50	116 26 47	08-21-87	6,536	2,200	62	2,200	X	08-31-87	2,051	V	Z
										09-01-87	2,052	V	-
										09-02-87	2,054	V	-
										09-08-87	2,060	V	-
										09-11-87	2,062	V	-
										09-17-87	2,064	V	-
										09-23-87	2,067	V	-
										10-01-87	2,072	V	-
										10-08-87	2,075	V	-
										10-13-87	2,078	V	-
										10-19-87	2,081	V	-
										10-26-87	2,084	V	-
										11-12-87	2,093	V	-
										11-16-87	2,095	V	-
										01-04-88	2,115	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
							Top (feet)	Bottom (feet)	Type	Measurement			Site status
										Date	Feet	Method	
U-20ax (cont.)	371350116264701	37 13 50	116 26 47	08-21-87	6,536	2,200	62	2,200	X	01-11-88	2,116	V	-
										01-26-88	2,176	V	R
										01-27-88	2,176	V	-
										01-28-88	2,176	V	-
										02-08-88	2,176	V	-
										02-18-88	2,176	V	-
										02-22-88	2,176	V	-
										03-15-88	2,176	V	-
										03-31-88	2,175	V	-
										04-05-88	2,175	V	-
										04-18-88	2,175	V	-
										04-25-88	2,174	V	-
										05-09-88	2,174	V	-
										05-24-88	2,174	V	-
										06-07-88	2,174	V	-
										06-27-88	2,173	V	-
										07-07-88	2,173	V	-
										07-21-88	2,173	V	-
										08-03-88	2,173	V	-
										08-10-88	2,173	V	-
										08-15-88	2,173	V	-
										09-06-88	2,173	V	-
										11-04-88	2,173	V	-
										01-30-89	2,173	V	-
										03-01-89	2,172	V	-
										04-12-89	2,171	V	-
										07-10-89	2,172	V	-
										08-15-89	2,173	V	-
U-20ay	371536116262801	37 15 36	116 26 28	06-14-87	6,520	2,100	58	2,100	X	06-22-87	2,066	V	Z
										06-23-87	2,065	V	-
										06-24-87	2,064	V	-
										06-25-87	2,064	V	-
										06-26-87	2,062	V	-
										07-07-87	2,058	V	-
										07-15-87	2,057	V	-
										07-20-87	2,058	V	-
										08-06-87	2,055	V	-
										08-18-87	2,056	V	-
										08-24-87	2,056	V	-
										08-31-87	2,056	V	-
										09-01-87	2,055	V	-
										09-11-87	2,055	V	-
										10-08-87	2,055	V	-
										10-20-87	2,055	V	-
										11-12-87	2,055	V	-
										01-07-88	2,046	V	-
										01-11-88	2,046	V	-
U-20az	371352116243401	37 13 52	116 24 34	12-02-88	6,573	2,250	40	2,250	X	12-12-88	2,195	V	Z
										01-03-89	2,188	V	-
										01-06-89	2,186	V	-
										01-17-89	2,183	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
U-20az (cont.)	371352116243401	37 13 52	116 24 34	12-02-88	6,573	2,250	40	2,250	X	01-23-89	2,181	V	-
										01-30-89	2,180	V	-
										02-27-89	2,176	V	-
										02-28-89	2,176	V	-
										03-01-89	2,176	V	-
										03-06-89	2,176	V	-
										03-07-89	2,176	V	-
										03-08-89	2,176	V	-
										03-09-89	2,176	V	-
										03-14-89	2,175	V	-
										03-20-89	2,174	V	-
										04-10-89	2,171	V	-
										04-26-89	2,170	V	-
										05-22-89	2,167	V	-
										06-05-89	2,166	V	-
										06-06-89	2,166	V	-
										06-07-89	2,166	V	-
										06-08-89	2,166	V	-
										06-12-89	2,166	V	-
										06-26-89	2,164	V	-
										07-12-89	2,163	V	-
										07-17-89	2,163	V	-
										07-24-89	2,163	V	-
										07-31-89	2,162	V	-
										08-08-89	2,162	V	-
										08-23-89	2,161	V	-
										08-28-89	2,161	V	-
										08-31-89	2,160	V	-
U-20bb	371452116293901	37 14 52	116 29 39	03-23-88	6,226	1,900	36	37	X	07-15-88	1,827	V	Z
							37	1,900	X	07-18-88	1,826	V	-
										07-26-88	1,823	V	-
										07-29-88	1,822	V	-
										08-01-88	1,820	V	-
										08-03-88	1,820	V	-
										08-05-88	1,819	V	-
										08-10-88	1,817	V	-
										08-15-88	1,816	V	-
										08-18-88	1,814	V	-
										10-26-88	1,797	V	-
										11-04-88	1,794	V	-
										11-17-88	1,791	V	-
										11-22-88	1,790	V	-
										11-28-88	1,790	V	-
										03-24-89	1,769	V	-
										09-13-89	1,750	V	-
										09-15-89	1,749	V	-
										09-25-89	1,748	V	-
U-20bc	371547116292601	37 15 47	116 29 26	06-23-88	6,146	2,000	40	41	X	07-07-88	1,882	V	Z
							41	2,000	X	07-08-88	1,880	V	-
										07-11-88	1,879	V	-
										07-12-88	1,877	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
U-20bc (cont.)	371547116292601	37 15 47	116 29 26	06-23-88	6,146	2,000	40	41	X	07-14-88	1,876	V	-
							41	2,000	X	07-15-88	1,875	V	-
										07-18-88	1,874	V	-
										07-21-88	1,873	V	-
										07-26-88	1,873	V	-
										08-18-88	1,872	V	-
										08-26-88	1,872	V	-
										09-01-88	1,872	V	-
										09-07-88	1,871	V	-
										09-15-88	1,868	V	Z
										09-23-88	1,871	V	-
										10-04-88	1,872	V	-
										10-26-88	1,872	V	-
										11-04-88	1,872	V	-
										12-12-88	1,872	V	-
										01-30-89	1,870	V	-
										04-17-89	1,870	V	-
										04-26-89	1,871	V	-
										04-28-89	1,871	V	-
										05-01-89	1,871	V	-
										05-05-89	1,871	V	-
										05-09-89	1,871	V	-
										05-19-89	1,871	V	-
										05-22-89	1,871	V	-
										06-05-89	1,871	V	-
										06-07-89	1,871	V	-
										06-08-89	1,871	V	-
										06-12-89	1,871	V	-
										06-20-89	1,871	V	-
										08-02-89	1,871	V	-
U-20bd[a]	371542116251201	37 15 42	116 25 12	02-21-89	6,486	2,100	49	50	X	03-08-89	1,873	V	Z
							50	51	X	03-09-89	1,863	V	-
							51	2,100	X	03-14-89	1,836	V	-
U-20bd[a]	371542116251203	37 15 42	116 25 12	04-20-89	6,486	2,261	49	50	X	04-28-89	2,038	V	Z
							50	51	X	05-01-89	2,038	V	-
							51	2,261	X	05-03-89	2,038	V	-
										05-05-89	2,038	V	-
										05-09-89	2,038	V	-
										05-12-89	2,038	V	-
										05-16-89	2,038	V	-
U-20be	371332116254101	37 13 32	116 25 41	06-12-89	6,492	2,220	51	53	X	06-14-89	2,163	V	R
							53	2,220	X	06-15-89	2,163	V	-
										06-20-89	2,170	V	-
										07-10-89	2,184	V	-
										07-12-89	2,185	V	-
										07-14-89	2,186	V	-
										07-19-89	2,189	V	-
										07-24-89	2,193	V	-
										07-26-89	2,194	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
U-20be (cont.)	371332116254101	37 13 32	116 25 41	06-12-89	6,492	2,220	51	53	X	07-31-89	2,196	V	-
							53	2,220	X	08-08-89	2,198	V	-
										08-15-89	2,200	V	-
										08-16-89	2,200	V	-
										08-18-89	2,201	V	-
										08-21-89	2,201	V	-
										08-22-89	2,201	V	-
										08-24-89	2,202	V	-
										08-28-89	2,202	V	-
										08-31-89	2,203	V	-
										09-25-89	2,206	V	-
U-20bf	371444116263001	37 14 44	116 26 30	08-23-89	6,522	2,140	48	49	X	08-28-89	2,148	V	Z
							49	2,250	X	08-31-89	2,135	V	-
										09-05-89	2,130	V	-
										09-11-89	2,130	V	-
										09-18-89	2,130	V	-
										09-25-89	2,130	V	-
U-20n PS 1DD-H[a,d]	371425116210101	37 14 25	116 25 24	09-12-76	6,468	4,520	4,336	4,366	P	09-13-76	2,122	L	Z
							4,381	4,401	P	09-23-76	2,122	L	-
							4,436	4,456	P				
U-20n PS 1DD-H[a,d]	371433116251301	37 14 25	116 25 24	08-05-83	6,468	4,309	4,202	4,232	P	08-06-83	2,042	L	Z
							4,242	4,285	P	08-06-83	2,043	L	Z
										08-23-83	2,041	L	-
U-20n PS 1DD-H[a,d]	371425116252401	37 14 25	116 25 24	05-15-85	6,468	3,025	2,665	2,995	P	05-17-85	2,038	V	Z
										05-20-85	2,039	V	-
										09-03-85	2,038	V	-
										12-08-86	2,040	V	-
										04-21-87	2,043	V	-
										04-24-87	2,043	V	-
										05-01-87	2,040	V	-
										05-01-87	2,040	V	-
										06-01-87	2,042	V	-
										11-19-87	2,043	V	-
										07-19-88	2,043	V	-
										12-14-88	2,044	V	-
										04-11-89	2,042	V	-
										07-14-89	2,044	V	-
										08-16-89	2,043	V	-
UE-20n 1[a]	371425116251901	37 14 25	116 25 19	05-31-87	6,461	3,300	2,282	2,323	X	06-01-87	2,134	L	-
							2,323	2,407	X				
							2,407	3,300	X				
UE-20n 1[a]	371425116251902	37 14 25	116 25 19	06-10-87	6,461	2,834	2,282	2,323	X	06-12-87	2,034	V	-
							2,323	2,407	X	06-22-87	2,032	V	-
							2,407	2,834	X	06-23-87	2,032	V	R

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UE-20n 1[a] (cont.)	371425116251902	37 14 25	116 25 19	06-10-87	6,461	2,834	2,282	2,323	X	06-26-87	2,033	V	-
							2,323	2,407	X	07-02-87	2,032	V	-
							2,407	2,834	X	07-07-87	2,033	V	-
										07-09-87	2,032	V	R
										08-06-87	2,033	V	-
										08-24-87	2,033	V	-
										09-01-87	2,033	V	-
										09-08-87	2,033	V	-
										09-17-87	2,032	V	-
										10-08-87	2,034	V	-
										02-01-88	2,033	V	-
										04-25-88	2,034	V	-
										05-24-88	2,033	V	-
										06-02-88	2,034	V	-
										07-11-88	2,034	V	-
										07-19-88	2,034	V	-
										08-03-88	2,033	V	-
										08-19-88	2,033	V	-
										08-27-88	2,034	V	-
										12-14-88	2,034	V	-
										04-12-89	2,033	V	-
										07-14-89	2,034	V	-
										08-16-89	2,035	V	-
---------- AREA 22 ----------													
Army 1 WW	363530116021401	36 35 30	116 02 14	07-15-62	3,154	1,946	800	1,050	P	07-17-62	786	V	Z
							1,368	1,370	X	07-17-62	785	V	R
							1,370	1,684	X	09-11-62	784	V	-
							1,684	1,953	X	01-25-63	784	V	-
										11-07-63	785	V	-
										03-18-71	789	V	R
										10-26-71	787	V	R
										08-12-72	791	V	R
										10-15-87	784	V	-
---------- AREA 27 ----------													
TW-F[a]	364534116065901	36 45 34	116 06 59	08-22-61	4,143	1,871	1,200	1,871	X	10-25-61	531	S	-
TW-F[a]	364534116065902	36 45 34	116 06 59	06-12-62	4,143	3,400	3,150	3,379	X	06-28-62	1,736	V	-
							3,379	3,400	X	08-07-62	1,735	V	-
										08-11-62	1,735	S	-
										01-24-63	1,735	S	-
										12-17-63	1,735	V	-
										01-28-65	1,736	V	-
										10-27-71	1,737	V	-
										08-12-72	1,737	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
TW-F[a] (cont.)	364534116065902	36 45 34	116 06 59	06-12-62	4,143	3,400	3,150	3,379	X	01-23-73	1,737	V	-
							3,379	3,400	X	01-15-80	1,736	V	-
										03-27-80	1,735	V	-
										01-14-86	1,734	V	-
										07-02-87	1,734	V	-
										03-30-88	1,736	V	-
										12-22-88	1,735	V	-
										07-20-89	1,735	V	-
----------AHU TE MEA ADJACENT TO NEVADA TEST SITE ----------													
PM-3[a]	371421116333701	37 14 21	116 33 37	09-09-88	5,823	1,647	93	124	X	09-09-88	1,456	L	Z
							124	1,647	X	09-12-88	1,455	L	-
										09-13-88	1,454	L	-
PM-3[a]	371421116333702	37 14 21	116 33 37	09-19-88	5,823	3,019	1,473	1,647	X	09-21-88	1,456	L	-
							1,647	3,019	X	09-23-88	1,457	L	-
										09-26-88	1,459	V	-
										09-26-88	1,460	V	-
										09-28-88	1,460	V	R
										12-14-88	1,461	V	-
										02-23-89	1,457	V	-
										04-11-89	1,457	V	-
										05-17-89	1,456	V	-
										07-05-89	1,457	V	-
										09-20-89	1,460	V	-
---------- HOT CREEK VALLEY ----------													
HTH-1	383734116124501	38 37 35	116 12 45	07-23-67	6,011	3,695	150	250	P	01-19-68	550	V	Z
							250	345	P	01-20-68	383	V	-
							355	435	P	01-22-68	337	V	-
							435	510	P	02-19-68	379	V	-
							700	775	P	02-29-68	394	V	-
							775	850	P	03-15-68	412	V	-
							950	1,050	P	03-27-68	423	V	-
							1,050	1,150	P	04-06-68	425	V	-
							1,400	1,500	P	05-02-68	431	V	-
							1,660	1,720	P	07-17-68	465	V	-
							1,850	1,980	P	09-09-68	473	V	-
							2,200	2,300	P	10-22-68	476	V	-
							2,400	2,460	P	01-14-69	485	V	-
							2,640	2,710	P	05-13-69	494	V	-
							2,950	3,010	P	09-24-69	504	V	-
							3,590	3,665	P	06-12-70	514	V	-
										10-27-70	516	V	-
										03-31-71	516	V	-
										01-13-72	522	V	-
										09-12-72	524	V	-
										01-29-75	529	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
HTH-1 (cont.)	383734116124501	38 37 35	116 12 45	07-23-67	6,011	3,695	150	250	P	03-12-75	527	V	-
							250	345	P	08-14-75	529	V	-
							355	435	P	02-13-76	528	V	-
							435	510	P	05-06-76	528	V	-
							700	775	P	07-09-83	533	R	-
							775	850	P	07-06-89	533	V	-
							950	1,050	P	09-21-89	532	V	-
							1,050	1,150	P				
							1,400	1,500	P				
							1,660	1,720	P				
							1,850	1,980	P				
							2,200	2,300	P				
							2,400	2,460	P				
							2,640	2,710	P				
							2,950	3,010	P				
							3,590	3,665	P				
HTH-2	383734116124502	38 37 40	116 12 47	08-12-67	6,025	1,000	504	1,000	P	01-19-68	562	V	Z
										01-20-68	442	V	-
										01-22-68	493	V	-
										02-19-68	554	V	-
										02-29-68	557	V	-
										03-15-68	558	V	-
										03-27-68	558	V	-
										04-06-68	557	V	-
										05-02-68	557	V	-
										07-17-68	557	V	-
										09-09-68	556	V	-
										10-22-68	556	V	-
										01-14-69	557	V	-
										05-13-69	556	V	-
										09-24-69	555	V	-
										06-12-70	552	V	-
										10-27-70	551	V	-
										03-31-71	551	V	-
										09-12-72	554	V	-
										06-12-73	550	V	-
										12-07-73	555	V	-
										04-09-74	551	V	-
										01-29-75	555	V	-
										03-12-75	552	V	-
										08-14-75	555	V	-
										02-13-76	556	V	-
										05-06-76	553	V	-
										07-09-83	553	R	-
										07-06-89	552	V	-
										09-21-89	552	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UC-1-P-2SR[c]	383806116125951	38 38 06	116 12 54	04-06-68	6,084	2,734	1,148	1,945	P	04-09-68	2,144	V	Z
							1,148	2,790	P	06-05-68	2,120	V	-
										07-31-68	2,132	V	-
										01-14-69	2,203	V	-
										05-13-69	2,216	V	-
										09-24-69	2,223	V	-
										04-11-70	2,339	V	Z
										06-12-70	2,268	V	Z
										10-27-70	2,296	L	-
										12-01-70	2,296	L	-
										03-31-71	2,292	L	-
										07-15-71	2,284	L	-
										08-10-71	2,277	L	-
										08-24-71	2,275	L	-
										09-23-71	2,272	L	-
										10-28-71	2,274	V	-
										01-12-72	2,277	V	-
										09-12-72	2,280	V	-
										06-11-73	2,284	L	-
										06-12-73	2,284	V	-
										12-07-73	2,286	V	-
										12-10-73	2,285	V	-
										04-09-74	2,285	V	-
										04-10-74	2,287	V	-
										09-24-74	2,283	V	-
										02-06-75	2,183	V	-
										03-13-75	2,150	V	-
										04-14-75	2,137	V	-
										05-15-75	2,116	V	-
										08-14-75	2,058	V	-
										11-13-75	2,007	V	-
										02-13-76	1,965	V	-
										05-06-76	1,925	V	-
										08-30-76	1,879	V	-
										11-18-76	1,843	V	-
										02-28-77	1,804	V	-
										06-15-77	1,757	V	-
										10-20-77	1,694	V	-
										06-13-78	1,590	V	-
										09-14-78	1,554	V	-
										12-11-78	1,523	V	-
										05-22-79	1,470	V	-
										09-09-79	1,443	V	-
										12-04-79	1,411	V	-
										02-28-80	1,389	V	-
										07-15-80	1,353	V	-
										12-02-80	1,317	V	-
										03-14-81	1,294	V	-
										06-24-81	1,269	V	-
										10-07-81	1,248	V	-
										01-27-82	1,222	V	-
										04-07-82	1,210	V	-

TABLE 1.--*Depth to water in wells and test holes at the Nevada Test Site and the Faultless Site, Nye County, Nevada--Continued*

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open interval			Depth to water			
										Measurement			
							Top (feet)	Bottom (feet)	Type	Date	Feet	Method	Site status
UC-1-P-2SR[c] (cont.)	383806116125951	38 38 06	116 12 54	04-06-68	6,084	2,734	1,148	1,945	P	07-19-82	1,188	V	-
							1,148	2,790	P	07-21-82	1,189	V	-
										11-16-82	1,165	V	-
										01-13-83	1,155	V	-
										04-08-83	1,138	V	-
										07-18-83	1,116	V	-
										10-18-83	1,099	V	-
										01-19-84	1,081	V	-
										10-31-84	1,044	V	-
										01-22-85	1,031	V	-
										04-02-85	1,022	V	-
										10-30-85	984	V	-
										07-22-86	960	V	-
										07-01-87	917	V	-
										10-21-87	904	V	-
										05-25-88	881	V	-
										10-19-88	866	V	-
										04-03-89	850	V	-
										07-06-89	841	V	-
										09-21-89	834	V	

[a] Multiple FSN hole numbers reflect more than one depth-to-water measurement interval.

[b] Depth of open intervals include dual access tubings.

[c] Depth of open intervals indicate multiple casings within borehole.

[d] Measurements corrected for borehole deviation from vertical.

[e] Packer set at 2,110 feet. Measurements reflect interval above packer.

[f] Packers set at 2,118 and 2,153 feet. Measurements reflect interval between packers.

[g] Packers set at 1,619 and 1,728 feet. Measurements reflect interval between packers.

[h] Depth of open intervals reflect casing being cut numerous times in attempt to remove casing segment from borehole.

[i] Packer set at 3,678 feet. Measurements reflect interval below packer.

[j] Water may be leaking into well at connection between casing strings or break in casing.

[k] Cement plug set at 2,710 feet.

[l] Packer set at 2,753 feet. Measurements reflect interval above packer.

[m] Packer set at 2,753 feet. Measurements reflect interval below packer.

TABLE 2.--*Tritium concentrations in water samples collected from test holes at the Nevada Test Site, Nye County, Nevada*

FSN hole number.--Drill-hole number assigned by Fenix and Scission of Nevada; see section titled "Site Designations" in text.
USGS standard identification.--U.S. Geological Survey site designation; see text.
Land-surface altitude.--Datum is sea level. Value may not represent current altitude; see section titled "Depth to Water" in text.
Hole depth.--Datum is land surface. Represents most recent available information; present accessible depth may be shallower.
Depth of open interval.--Datum is land surface. Bottom of deepest open interval may be deeper than present accessible hole depth.
Type: P, perforated or slotted casing; X, open (uncased) hole.
Water sample.--Water samples are analyzed by Environmental Monitoring Systems Laboratory of U.S. Environmental Protection Agency.
Tritium.--Analytical results and associated uncertainties are in pCi/L (picocuries per liter). Laboratory analyses are reported as most probable value ±2 standard deviations counting error. Negative value of tritium concentration indicates that activity of sample was less than blank used to calibrate analytical instrument.]

FSN hole number	USGS standard identification	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Date hole completed	Land-surface altitude (feet)	Hole depth (feet)	Depth of open intervals			Water sample	
							Top (feet)	Bottom (feet)	Type	Date	Tritium (pCi/L)
U-2gh	370645116031901	37 06 45	116 03 19	07-26-88	4,177	1,682	117	119	X	08-01-88	3 ± 10
							119	1,801	X		
U-3kv	370020116003701	37 00 20	116 00 37	08-27-79	3,956	1,548	117	119	X	04-06-88	880 ± 260
							119	1,600	X		
U-3mi	370020115593001	37 00 21	115 59 30	01-20-86	4,004	1,761	372	380	X	04-06-88	8 ± 10
							380	1,794	X		
U-4au	370509116040301	37 05 09	116 04 07	09-06-87	4,144	1,724	117	118	X	04-05-88	2,600 ± 280
							118	1,750	X		
U-12s[a]	371342116125102	37 13 42	116 12 51	03-15-66	6,794	1,467	12	583	X	06-10-88	9 ± 9
							583	1,480	X		
U-19au	371509116223601	37 15 09	116 22 36	04-19-87	6,534	2,200	54	2,200	X	10-01-87	28 ± 9
										10-09-87	14 ± 9
U-19az	371339116221601	37 13 39	116 22 16	12-05-88	6,753	2,130	77	79	X	12-20-88	26 ± 7
							79	2,130	X		
U-20aw	371658116244401	37 16 58	116 24 44	11-25-86	6,585	2,100	52	53	X	08-05-88	4 ± 10
							53	2,100	X		
U-20ax	371350116264701	37 13 50	116 26 47	08-21-87	6,536	2,200	62	2,200	X	04-05-88	20 ± 10
U-20az	371352116243401	37 13 52	116 24 34	12-02-88	6,573	2,250	40	2,250	X	01-03-89	19 ± 6
U-20bb	371452116293901	37 14 52	116 29 39	03-23-88	6,226	1,900	36	37	X	07-15-88	-8 ± 10
							37	1,900	X		
U-20bc	371547116292601	37 15 47	116 29 26	06-23-88	6,146	2,000	40	41	X	07-07-88	-6 ± 10
							41	2,000	X		
U-20bd[a]	371542116251203	37 15 42	116 25 12	04-20-89	6,486	2,261	49	50	X	03-08-89	-10 ± 6
							50	51	X		
							51	2,261	X		
U-20be	371332116254101	37 13 32	116 25 41	06-12-89	6,492	2,220	51	53	X	06-14-89	1 ± 7
							53	2,220	X		

[a] Multiple FSN hole numbers reflect more than one depth-to-water measurement interval.