

Water-Level Data for Las Vegas Valley, Clark County, Nevada, 1986-87

By Douglas K. Maurer

U.S. GEOLOGICAL SURVEY

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LAS VEGAS VALLEY WATER DISTRICT



Carson City, Nevada

1989

DEPARTMENT OF THE INTERIOR

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CONVERSION FACTORS AND ABBREVIATIONS

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

<u>Multiply</u>	<u>By</u>	<u>To obtain</u>
Acre-foot per year (acre-ft/yr)	1,233	Cubic meter per year (m ³ /yr)
Foot (ft)	0.3048	Meter (m)
Square mile (mi ²)	2.590	Square kilometer (km ²)

ALTITUDE DATUM

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

WATER-LEVEL DATA FOR LAS VEGAS VALLEY,
CLARK COUNTY, NEVADA, 1986-87

By Douglas K. Maurer

ABSTRACT

Tabulations of water-level measurements at 112 wells in Las Vegas Valley, Nevada, and selected hydrographs are included in this report. The measurements were made from March 1986 through April 1987. The data were collected to provide a data base to test the short-term calibration and potential re-calibration of an existing ground-water flow model of the basin. Seasonal water-level declines as great as 30 feet were measured near areas of major pumping.

INTRODUCTION

Background

Las Vegas Valley depends upon ground water (about 70,000 acre-ft/yr) and importation of Lake Mead water (about 130,000 acre-ft/yr) for its water supply. At the present time (1986-87), ground-water withdrawals exceed recharge, resulting in water-level declines in areas of concentrated pumpage. Current management of water use in the basin results in seasonal stress of the ground-water aquifers. During winter months, when demand is low, Lake Mead can provide most of the water; however, during summer months, when demand is high, large ground-water withdrawals occur. Principal use is by the Las Vegas Valley Water District, the City of North Las Vegas, and Nellis Air Force Base.

Las Vegas Valley encompasses about 1,564 mi² in Clark County, Nev. Boundaries and general features of the valley are shown on plate 1. The Las Vegas Valley ground-water basin is composed of unconsolidated and semiconsolidated deposits that fill the structural depression underlying the valley (Plume, 1984). These deposits are grouped into three generalized hydrologic units (David S. Morgan and Michael D. Dettinger, U.S. Geological Survey, written communication, 1987): (1) the near-surface reservoir extending from near land surface to depths of about 200 feet, (2) the principal aquifers extending from depths of about 200 to 1,000 feet, and (3) the deep zone extending from depths of about 1,000 feet down to the underlying consolidated rock.

Purpose and Scope

A numerical ground-water model was recently developed and calibrated to historical changes in pumpage and water levels, to evaluate the long term consequences of changes in management of the ground-water basin (David S. Morgan and Michael D. Dettinger, U.S. Geological Survey, written communication, 1987). The model will be useful for appraising the effects of long-term management strategies; however, data existing at the time of calibration were not adequate for calibrating the model to simulate the ground-water system under rapidly changing conditions. Potential changes in water management in the valley include decreased pumpage and increased use of Lake Mead water on a time scale not represented in the calibration of the existing model.

The purpose of this study was to collect detailed water-level records adequate to provide a data base for testing the short-term calibration of the ground-water model and for re-calibrating the model if necessary. The study was funded cooperatively by the Las Vegas Valley Water District and the U.S. Geological Survey. This report is a compilation of water-level data collected at 112 wells at approximately quarterly, weekly, and hourly intervals, and presents hydrographs of water-level fluctuations recorded during the study period.

Acknowledgments

The author thanks the Clark County Department of Comprehensive Planning for providing personnel to measure water levels, and Terry Katzer and Kay Brothers of the Las Vegas Valley Water District for their assistance in measuring water levels.

U.S. GEOLOGICAL SURVEY SITE DESIGNATIONS

Standard Identification System

Sites are identified by the standard Geological Survey identification (ID), which is based on the grid system of latitude and longitude. The ID indicates the geographic location of each site, and provides a unique number for each. The ID consists of 15 digits: The first 6 denote the degrees, minutes, and seconds of latitude; the next 7 denote degrees, minutes, and seconds of longitude; and the last 2 digits (assigned sequentially) identify the sites within a 1-second grid. For example, site 36161115151301 is at 36°16'11" latitude and 115°15'13" longitude, and it is the first site recorded in that 1-second grid.

Local Identification System

The local site-identification system used in this report is based on an index of hydrographic areas in Nevada (Rush, 1968) and the rectangular subdivision of the public lands referenced to the Mount Diablo base line and meridian. Each site designation consists of four units separated by spaces: The first unit is the hydrographic area number. The second unit is the township, preceded by an N or S to indicate location north or south of the base line. The third unit is the range, preceded by an E to indicate location east of the meridian. The fourth unit consists of the section number and letters designating the quarter section, quarter-quarter section, and so on (A, B, C, and D indicate the northeast, northwest, south-west, and southeast quarters, respectively), followed by a number indicating the sequence in which the site was recorded. For example, site 212 S19 E60 27BDC1 is in Las Vegas Valley (hydrographic area 212). It is the first site recorded in the SW 1/4 of the SE 1/4 of the NW 1/4 of section 27, Township 19 South, Range 60 East, Mount Diablo base line and meridian.

PRESENTATION OF DATA

Data Collection Networks

Under cooperative agreement, the State of Nevada and the U.S. Geological Survey have made water-level measurements on two networks: one consisting of 42 wells measured annually and another consisting of 41 wells measured quarterly. For this study, both networks were combined and water levels were measured quarterly (see plate 1). Of these wells, 51 represent water levels in the principal aquifer, and 32 represent water levels in the near-surface reservoir.

An additional 29 wells were selected for measurement on a weekly interval (plate 1). These wells were selected from existing networks and older observation networks that had been measured from 1971 to 1981. Of the wells measured weekly, 21 represent water levels in the principal aquifer, 1 represents water levels in the near-surface reservoir, and 7 represent water levels in the deep zone. Data collected from wells in the weekly and quarterly networks are presented in tables 1 and 2, respectively.

Five of the wells were equipped with hourly water-level recorders to determine how accurately the weekly measurements define the short-term water-level fluctuations. Usable records were obtained at three of the five sites. At the fourth site, the recorder malfunctioned; and at the fifth site, the well went dry after only 3 weeks of recorder operation. Data from the three hourly recorders are presented in hydrographs on plate 2 and in table 3.

Hydrographs of Water-Level Fluctuations

The hydrographs in figure 1 show water-level fluctuations observed in wells at 18 sites measured on a weekly interval (note that vertical scales are variable to show maximum detail). These hydrographs were selected to give the reader a visual representation of water-level changes throughout the valley during the study period. Most of the data show a sinusoidal trend as water levels declined from April through September, after which most wells began to recover. Water-level declines are greatest near areas of major pumping (plate 1) with the maximum being about 30 feet (figure 1, site 11) near the well field of Las Vegas Valley Water District. Some wells show almost no water-level change (figure 1, site 4) or a declining trend (figure 1, sites 6 and 18). Site 14 (figure 1), a shallow well finished in the near-surface reservoir, shows a rising trend of about 15 feet during the study period.

Plate 2 shows water-level fluctuations recorded hourly at sites 11, 13, and 16. The hydrographs on plate 2 correspond to hydrographs of weekly measurements of the same wells shown in figure 1. Hydrographs for sites 11 and 13, near areas of major pumping, show water-level fluctuations missed by weekly measurement. However, the hydrograph for site 16, a well distant from pumping, does not differ significantly from the hydrograph of weekly measurements.

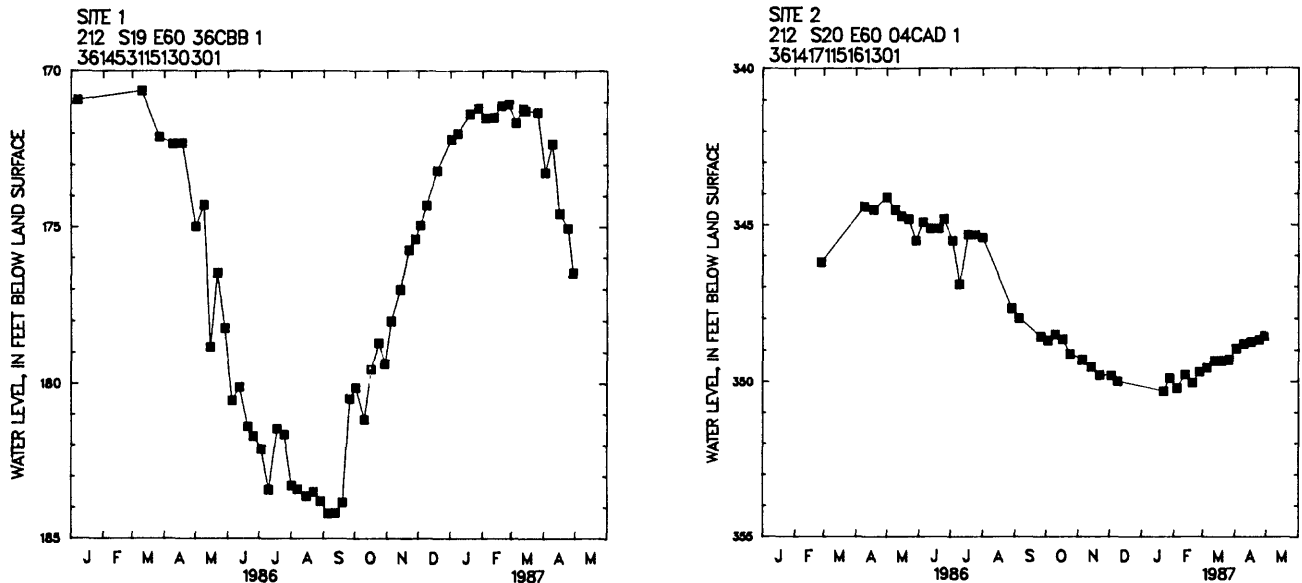


FIGURE 1.--Hydrographs of selected wells measured about weekly.

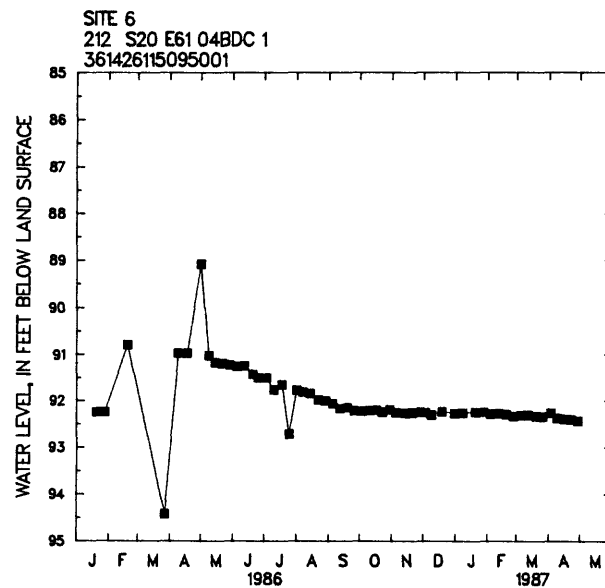
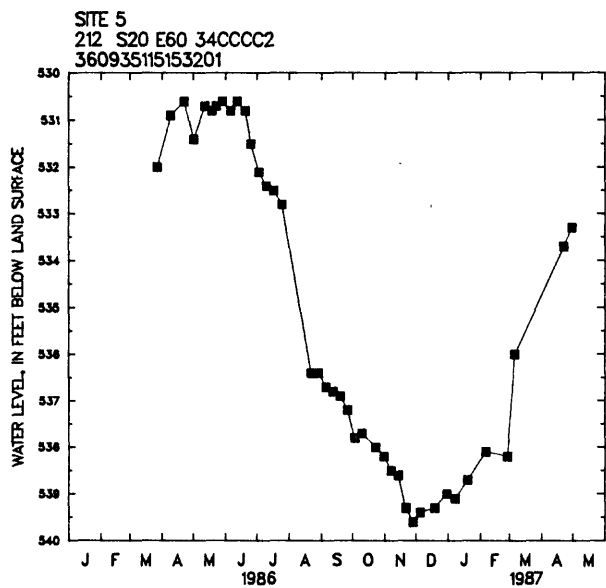
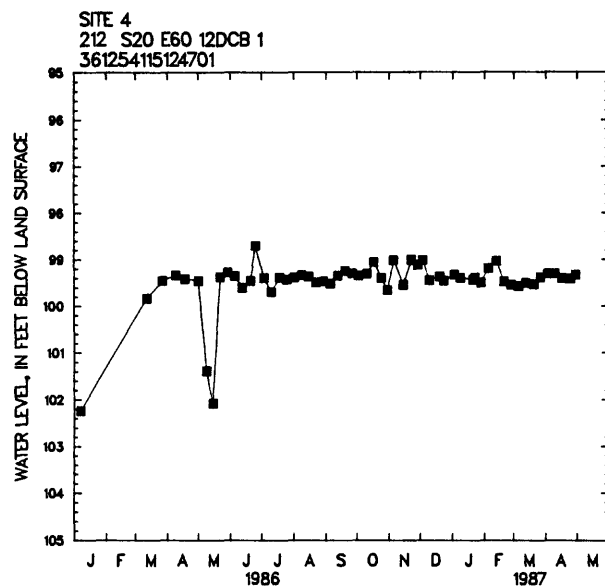
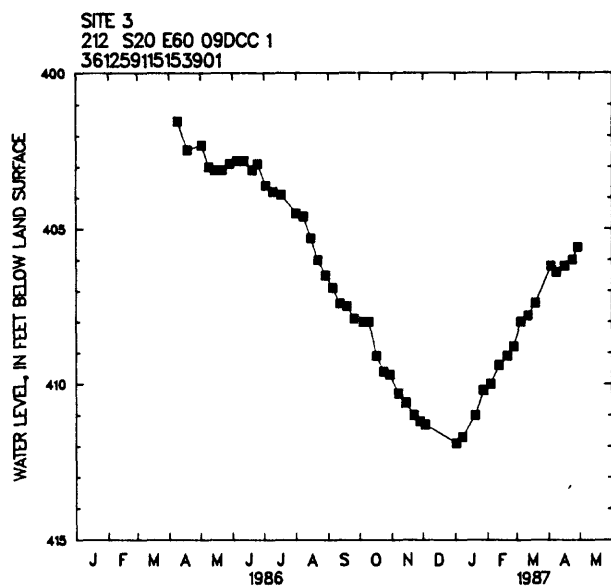


FIGURE 1.--Continued.

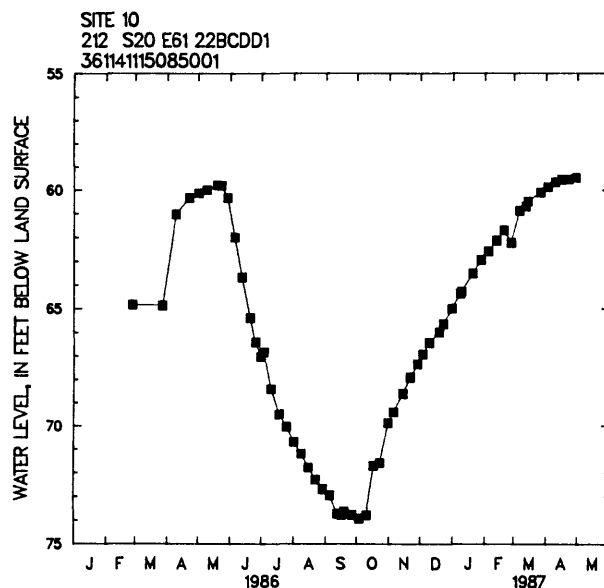
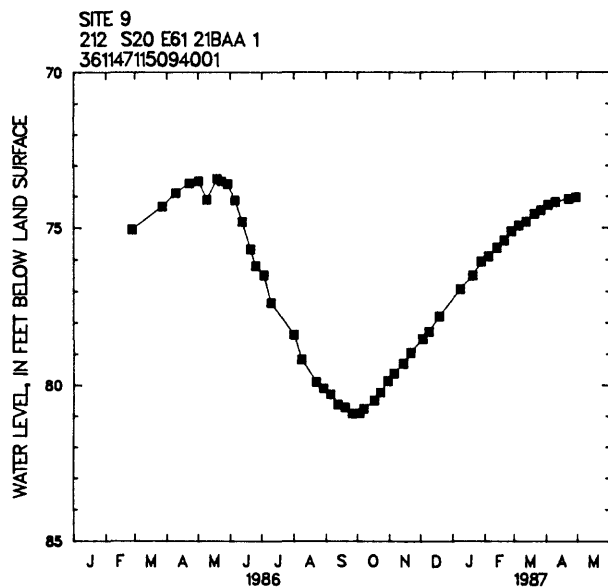
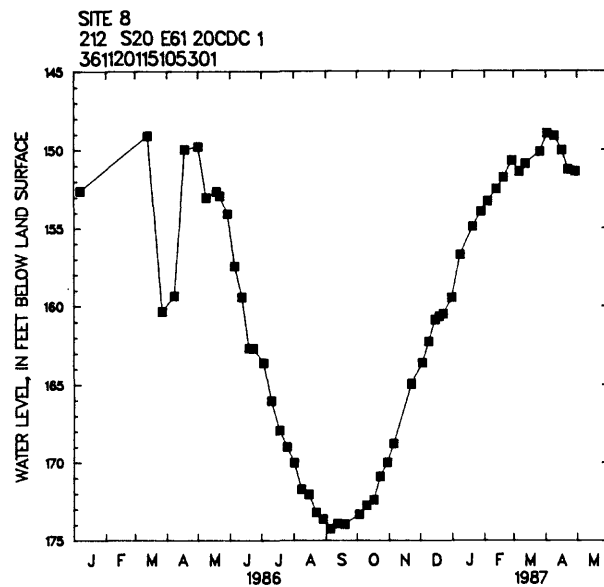
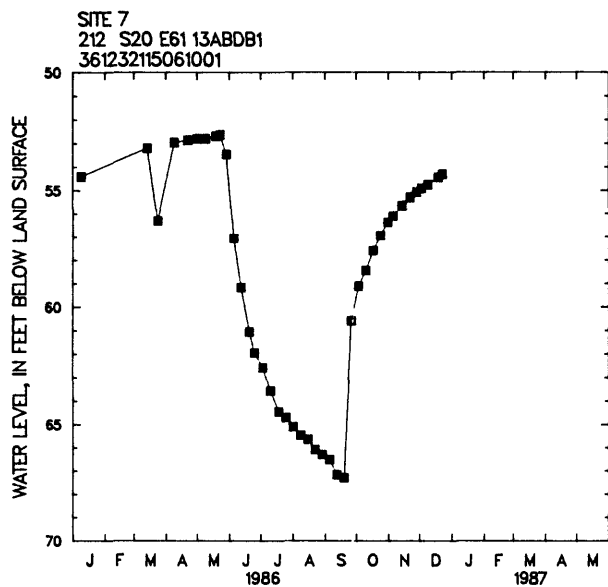


FIGURE 1.--Continued.

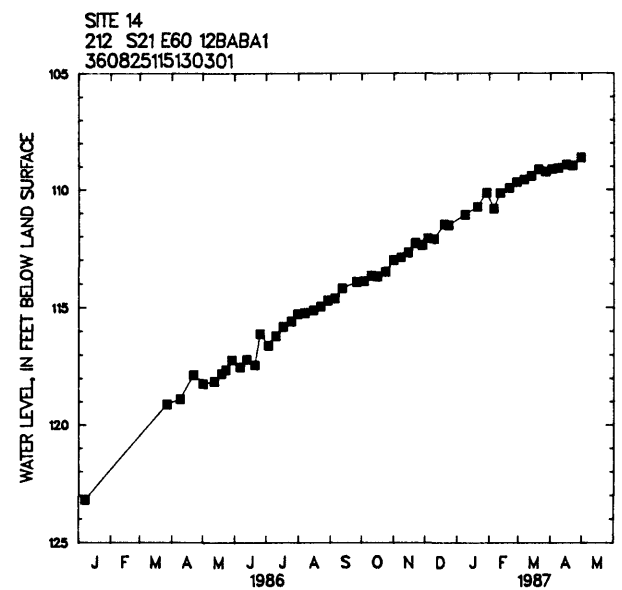
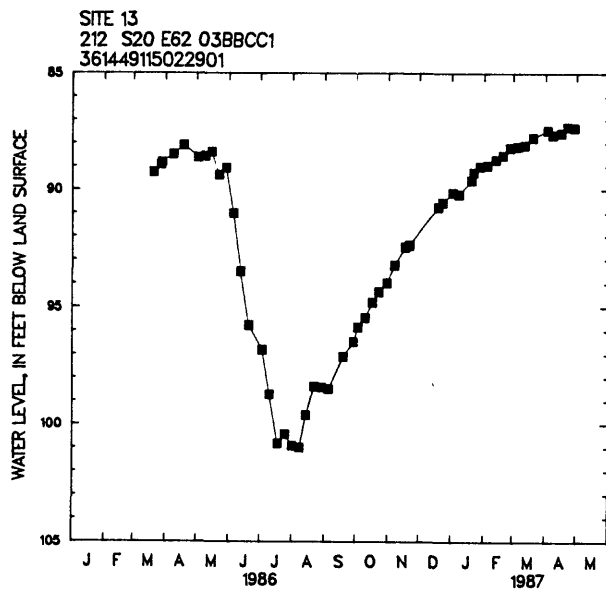
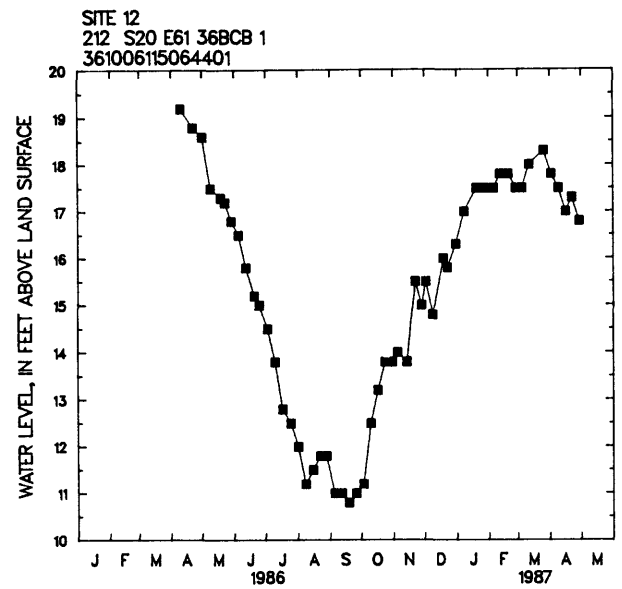
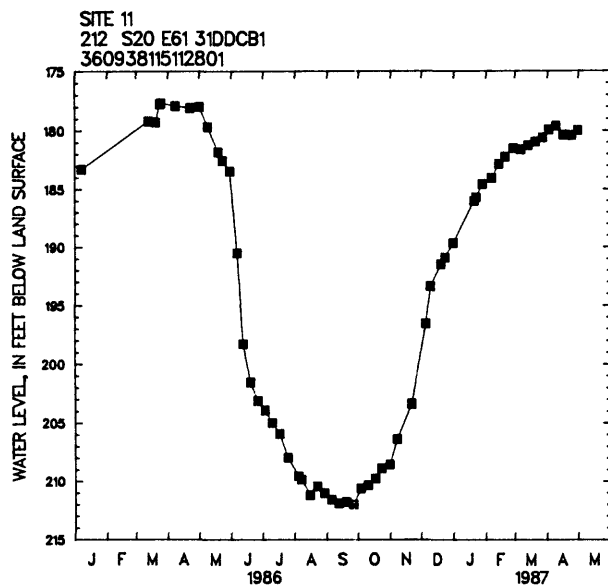


FIGURE 1.--Continued.

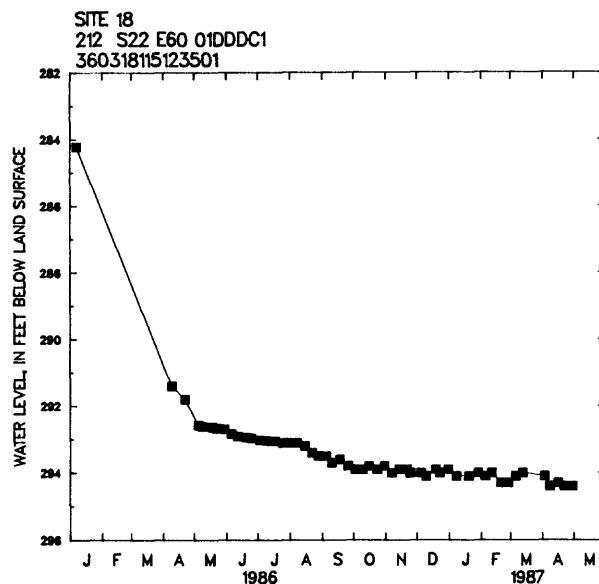
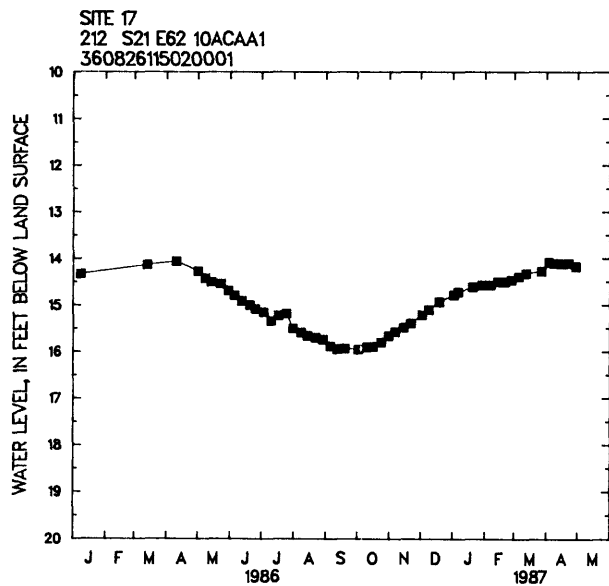
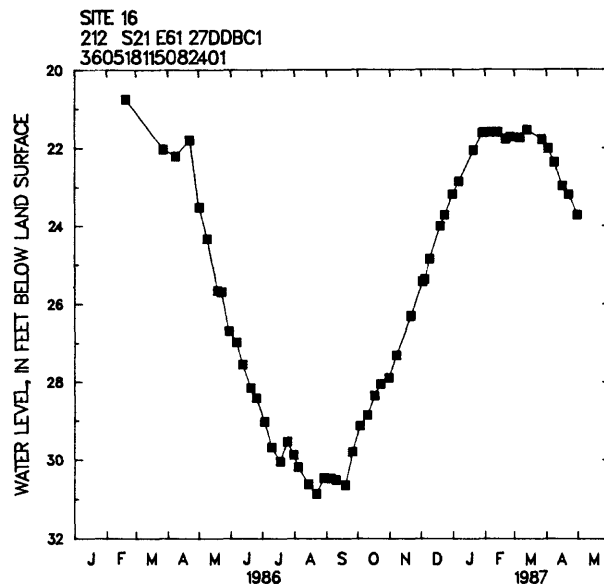
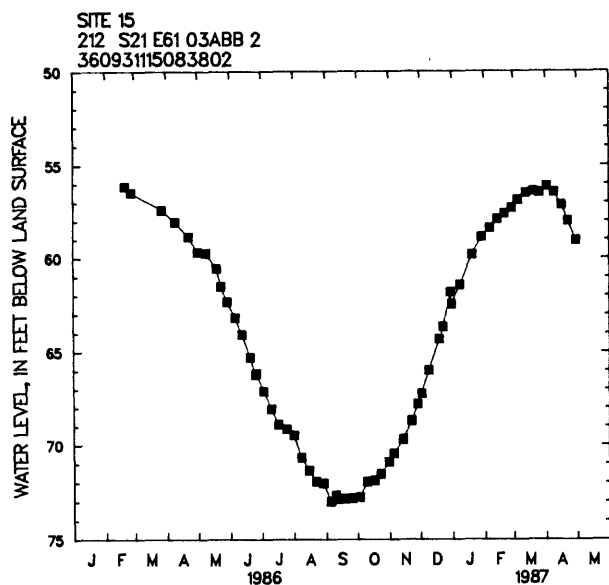


FIGURE 1.--Continued.

TABLE 1.--Water-level data for wells measured about weekly

[--, no data available]

Site designations.--USGS identifications: see text section titled "U.S. Geological Survey Site Designations." Well owner abbreviations: City N.L.V., City of North Las Vegas; L.V. Union School Dist., Las Vegas Union School District; LVVWD, Las Vegas Valley Water District; U.S.A.F., United States Air Force; USGS, United States Geological Survey; Union Pacific R.R., Union Pacific Railroad.

Water use.--Abbreviations: H, domestic; P, public supply; U, unused.

Water-level depth.--Minus sign indicates water level above land surface.

Water-level measurement method.--Abbreviations: A, air line; G, pressure gage; S, steel tape; T, electric tape.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
U.S. Geological Survey Measurements								
212 S19 E60 36C8B1	361453115130301	P	2,290	330	--	03-10-86	170.62	S
						03-27-86	172.10	S
						04-09-86	172.31	S
						04-18-86	172.29	S
						05-01-86	174.97	S
						05-09-86	174.27	S
						05-15-86	178.81	S
						05-22-86	176.47	S
						05-29-86	178.21	S
						06-05-86	180.54	S
						06-12-86	180.10	S
						06-20-86	181.38	S
						06-25-86	181.7	T
						07-03-86	182.11	S
						07-10-86	183.41	S
						07-18-86	181.45	S
						07-25-86	181.64	S
						08-01-86	183.28	S
						08-07-86	183.40	S
						08-15-86	183.63	S
						08-22-86	183.49	S
						08-29-86	183.79	S
						09-05-86	184.18	S
						09-12-86	184.17	S
						09-19-86	183.83	S
						09-26-86	180.48	S
						10-02-86	180.12	S
						10-10-86	181.15	S
						10-17-86	179.52	S
						10-24-86	178.68	S
						10-30-86	179.35	S
						11-05-86	177.99	S
						11-14-86	177.00	S
						11-22-86	175.73	S
						11-28-86	175.38	S
						12-03-86	174.93	S
						12-09-86	174.29	S
						12-19-86	173.18	S
						01-02-87	172.17	S
						01-08-87	171.99	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude			Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use	(feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Date	Depth (feet below land surface)	Measurement method
212 S19 E60 36CBB1--Continued						01-20-87	171.36	S
						01-28-87	171.18	S
						02-04-87	171.49	S
						02-12-87	171.47	S
						02-19-87	171.10	S
						02-26-87	171.05	S
						03-05-87	171.64	S
						03-12-87	171.20	S
						03-14-87	171.26	S
						03-26-87	171.31	S
						04-02-87	173.24	S
						04-09-87	172.32	S
						04-16-87	174.55	S
						04-24-87	175.03	S
						04-29-87	176.47	S
212 S20 E60 04CAD1 -- / E. TOMSIK						02-26-86	346.20	S
						03-27-86	362.57	S
						04-09-86	344.4	T
						04-18-86	344.5	T
						05-01-86	344.1	T
						05-09-86	344.5	T
						05-15-86	344.7	T
						05-22-86	344.8	T
						05-29-86	345.5	T
						06-05-86	344.9	T
						06-12-86	345.1	T
						06-20-86	345.1	T
						06-25-86	344.8	T
						07-03-86	345.5	T
						07-10-86	346.9	T
						07-18-86	345.3	T
						07-25-86	345.3	T
						08-01-86	345.4	T
						08-29-86	347.67	S
						09-05-86	347.98	S
						09-26-86	348.56	S
						10-03-86	348.68	S
						10-10-86	348.49	S
						10-17-86	348.64	S
						10-24-86	349.11	S
						11-05-86	349.29	S
						11-14-86	349.52	S
						11-22-86	349.78	S
						12-03-86	349.80	S
						12-09-86	349.98	S
						01-22-87	350.30	S
						01-28-87	349.88	S
						02-04-87	350.20	S
						02-12-87	349.77	S
						02-19-87	350.03	S
						02-26-87	349.68	S
						03-05-87	349.54	S
						03-12-87	349.33	S
						03-19-87	349.33	S
						03-26-87	349.29	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E60 04CAD1--Continued						04-02-87	348.94	S
						04-09-87	48.79	S
						04-16-87	348.73	S
						04-24-87	348.66	S
						04-29-87	348.54	S
212 S20 E60 09DCC1 -- / L.MONTELLLO	361259115153901	U	2,400	450	360	03-12-86	413.94	S
						03-27-86	406.56	S
						04-09-86	401.53	S
						04-18-86	402.45	S
						05-02-86	402.3	T
						05-09-86	403.0	T
						05-15-86	403.1	T
						05-22-86	403.1	T
						05-29-86	402.9	T
						06-05-86	402.8	T
						06-12-86	402.8	T
						06-20-86	403.1	T
						06-25-86	402.9	T
						07-03-86	403.6	T
						07-10-86	403.8	T
						07-18-86	402.8	T
						08-01-86	404.54	T
						08-08-86	404.6	T
						08-15-86	405.3	T
						08-22-86	406.0	T
						08-29-86	406.5	T
						09-05-86	406.9	T
						09-12-86	407.4	T
						09-19-86	407.5	T
						09-26-86	407.9	T
						10-03-86	408.0	T
						10-10-86	408.0	T
						10-17-86	409.1	T
						10-24-86	409.6	T
						10-30-86	409.7	T
						11-07-86	410.3	T
						11-14-86	410.6	T
						11-22-86	411.0	T
						11-28-86	411.2	T
						12-03-86	411.3	T
						01-02-87	411.9	T
						01-08-87	411.7	T
						01-20-87	411.0	T
						01-28-87	410.2	T
						02-04-87	410.0	T
						02-12-87	409.4	T
						02-20-87	409.1	T
						02-26-87	408.8	T
						03-05-87	408.0	T
						03-12-87	407.8	T
						03-19-87	407.4	T
						04-03-87	406.2	T
						04-08-87	406.4	T
						04-16-87	406.2	T
						04-24-87	406.0	T
						04-29-87	405.6	T

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations		Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level			
Local USGS identification; well name or number; and owner	Standard USGS identification				Water use	Date	Depth (feet below land surface)	Measurement method
212 S20 E60 12DBB1 ELSTNER ESTATES / CITY N.L.V.	361303115124501	--	2,252	800	160	03-18-86	269.78	S
						05-02-86	262.17	S
						05-15-86	263.77	S
						05-22-86	262.68	S
						05-29-86	261.71	S
						06-12-86	262.19	S
212 S20 E60 12DCB1 #46 / LVVWD	361254115124701	--	2,252	355	100	03-12-86	99.83	S
						03-27-86	99.45	S
						04-09-86	99.33	S
						04-18-86	99.41	S
						05-01-86	99.45	S
						05-09-86	101.38	S
						05-15-86	102.07	S
						05-22-86	99.37	S
						05-29-86	99.27	S
						06-05-86	99.35	S
						06-12-86	99.60	S
						06-20-86	99.45	S
						06-25-86	98.7	T
						07-03-86	99.39	S
						07-10-86	99.69	S
						07-18-86	99.38	S
						07-25-86	99.42	S
						08-01-86	99.38	S
						08-08-86	99.33	S
						08-15-86	99.36	S
						08-22-86	99.48	S
						08-29-86	99.46	S
						09-05-86	99.51	S
						09-12-86	99.34	S
						09-19-86	99.24	S
						09-26-86	99.29	S
						10-02-86	99.34	S
						10-10-86	99.30	S
						10-17-86	99.05	S
						10-24-86	99.39	S
						10-30-86	99.65	S
						11-05-86	99.01	S
						11-14-86	99.54	S
						11-22-86	99.00	S
						11-28-86	99.11	S
						12-03-86	99.01	S
						12-09-86	99.44	S
						12-19-86	99.36	S
						12-23-86	99.45	S
						01-02-87	99.32	S
						01-08-87	99.39	S
						01-20-87	99.43	S
						01-22-87	99.38	S
						01-28-87	99.49	S
						02-04-87	99.19	S
						02-12-87	99.03	S
						02-19-87	99.47	S
						02-26-87	99.54	S
						03-05-87	99.57	S
						03-12-87	99.50	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E60 12DCB1--Continued						03-20-87	99.53	S
						03-26-87	99.38	S
						04-02-87	99.30	S
						04-09-87	99.30	S
						04-16-87	99.40	S
						04-24-87	99.41	S
						04-29-87	99.33	S
212 S20 E60 34CCCC2 360935115153201 P 2,506 1000 465						03-27-86	532.00	T
#21 / LVVWD						03-27-86	532.0	T
						04-09-86	530.9	T
						04-22-86	530.6	T
						05-01-86	531.4	T
						05-12-86	530.7	T
						05-19-86	530.8	T
						05-23-86	530.7	T
						05-29-86	530.6	T
						06-06-86	530.8	T
						06-12-86	530.6	T
						06-20-86	530.8	T
						06-25-86	531.5	T
						07-03-86	532.1	T
						07-10-86	532.4	T
						07-17-86	532.5	T
						07-25-86	532.8	T
						08-22-86	536.4	T
						08-29-86	536.4	T
						09-05-86	536.7	T
						09-12-86	536.8	T
						09-19-86	536.9	T
						09-26-86	537.2	T
						10-03-86	537.8	T
						10-10-86	537.7	T
						10-23-86	538.0	T
						10-31-86	538.2	T
						11-07-86	538.5	T
						11-14-86	538.6	T
						11-21-86	539.3	T
						11-28-86	539.60	T
						12-05-86	539.4	T
						12-19-86	539.3	T
						12-31-86	539.0	T
						01-08-87	539.1	T
						01-20-87	538.7	T
						02-06-87	538.1	T
						02-27-87	538.2	T
						03-06-87	536.0	T
						04-22-87	533.7	T
						04-30-87	533.3	T
212 S20 E61 02DBB1 361419115072201 U 1,900 785 90						02-19-86	43.54	S
-- / HARTWELL &						03-19-86	42.60	S
LOWE CO.						03-27-86	43.37	S
						04-09-86	41.86	S
						04-18-86	41.63	S
						05-01-86	41.15	S
						05-09-86	41.32	S
						05-15-86	41.94	S
						05-22-86	42.81	S
						05-29-86	42.42	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude			Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use	(feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Date	Depth (feet below land surface)	Measurement method
212 S20 E61 02DBB1--Continued						06-05-86	44.72	S
						06-12-86	46.89	S
						06-20-86	49.58	S
						06-25-86	51.03	S
						07-03-86	52.27	S
						07-10-86	53.30	S
						07-18-86	55.27	S
						07-25-86	56.07	S
						08-01-86	57.60	S
						08-07-86	58.39	S
						02-26-87	51.56	S
						04-03-87	42.19	S
						04-09-87	42.05	S
						04-16-87	42.31	S
						04-22-87	41.88	S
						04-29-87	41.76	S
212 S20 E61 04BDC1 361426115095001 U 2,103 270 --						02-19-86	43.54	S
						03-27-86	94.42	S
						04-09-86	90.97	S
						04-18-86	90.97	S
						05-01-86	89.08	S
						05-09-86	91.02	S
						05-15-86	91.17	S
						05-22-86	91.19	S
						05-29-86	91.22	S
						06-05-86	91.25	S
						06-12-86	91.24	S
						06-20-86	91.42	S
						06-25-86	91.5	T
						07-03-86	91.50	S
						07-10-86	91.76	S
						07-18-86	91.65	S
						07-25-86	92.71	S
						08-01-86	91.77	S
						08-07-86	91.81	S
						08-14-86	91.84	S
						08-22-86	91.98	S
						08-29-86	92.00	S
						09-05-86	92.06	S
						09-12-86	92.16	S
						09-19-86	92.14	S
						09-26-86	92.21	S
						10-03-86	92.22	S
						10-10-86	92.21	S
						10-17-86	92.20	S
						10-23-86	92.24	S
						10-30-86	92.19	S
						11-05-86	92.25	S
						11-14-86	92.26	S
						11-21-86	92.25	S
						11-28-86	92.24	S
						12-03-86	92.25	S
						12-09-86	92.30	S
						12-19-86	92.23	S
						12-31-86	92.27	S
						01-08-87	92.26	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations		Land-surface altitude			Water level			
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use	(feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Date	Depth (feet below land surface)	Measurement method
212 S20 E61 04B0C1--Continued						01-20-87	92.24	S
						01-28-87	92.24	S
						02-04-87	92.28	S
						02-12-87	92.27	S
						02-19-87	92.29	S
						02-26-87	92.33	S
						03-05-87	92.31	S
						03-12-87	92.30	S
						03-20-87	92.33	S
						03-26-87	92.34	S
						04-03-87	92.26	S
						04-09-87	92.37	S
						04-16-87	92.39	S
						04-22-87	92.40	S
						04-29-87	92.43	S
212 S20 E61 13ABDB1 DIANA TERRACE / CITY N.L.V.	361232115061001	P	1,857	1,230	102	03-14-86	53.19	S
						03-24-86	56.30	S
						04-09-86	52.95	S
						04-22-86	52.85	S
						05-01-86	52.79	S
						05-09-86	52.79	S
						05-19-86	52.68	S
						05-23-86	52.63	S
						05-29-86	53.45	S
						06-05-86	57.05	S
						06-12-86	59.16	S
						06-20-86	61.04	S
						06-25-86	61.94	S
						07-03-86	62.57	S
						07-10-86	63.55	S
						07-18-86	64.44	S
						07-25-86	64.69	S
						08-01-86	65.09	S
						08-08-86	65.45	S
						08-15-86	65.63	S
						08-22-86	66.07	S
						08-29-86	66.29	S
						09-05-86	66.51	S
						09-12-86	67.16	S
						09-19-86	67.29	S
						09-26-86	60.58	S
						10-03-86	59.11	S
						10-10-86	58.44	S
						10-17-86	57.59	S
						10-24-86	56.94	S
						10-31-86	56.37	S
						11-05-86	56.09	S
						11-14-86	55.65	S
						11-22-86	55.29	S
						11-28-86	55.07	S
						12-03-86	54.90	S
						12-09-86	54.74	S
						12-19-86	54.43	S
						12-23-86	54.30	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E61 20CDC1 #3A / LVVWD	361120115105301	P	2,108	925	300	03-13-86	149.08	S
						03-27-86	160.33	S
						04-08-86	159.34	S
						04-18-86	149.94	S
						05-01-86	149.76	S
						05-09-86	153.01	S
						05-19-86	152.62	S
						05-22-86	152.90	S
						05-29-86	154.04	S
						06-05-86	157.44	S
						06-12-86	159.41	S
						06-19-86	162.65	S
						06-23-86	162.67	S
						07-03-86	163.59	S
						07-10-86	166.01	S
						07-18-86	167.91	S
						07-25-86	168.98	S
						08-01-86	170.00	S
						08-08-86	171.69	S
						08-15-86	172.02	S
						08-22-86	173.18	S
						08-29-86	173.62	S
						09-05-86	174.25	S
						09-12-86	173.91	S
						09-19-86	173.95	S
						10-03-86	173.3	T
						10-10-86	172.72	S
						10-17-86	172.37	S
						10-23-86	170.88	S
						10-30-86	169.97	S
						11-05-86	168.76	S
						11-22-86	164.94	S
						12-03-86	163.59	S
						12-09-86	162.23	S
						12-15-86	160.85	S
						12-19-86	160.64	S
						12-23-86	160.48	S
						12-31-86	159.45	S
						01-08-87	156.71	S
						01-20-87	154.88	S
						01-28-87	153.91	S
						02-04-87	153.25	S
						02-12-87	152.48	S
						02-19-87	151.74	S
						02-27-87	150.68	S
						03-06-87	151.37	S
						03-12-87	150.87	S
03-26-87	150.10	S						
04-02-87	148.93	S						
04-09-87	149.09	S						
04-16-87	150.01	S						
04-22-87	151.23	S						
04-29-87	151.35	S						

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E61 21BAA1 BOOKER / L.V. UNION SCHOOL DIST.	361147115094001	P	2,064	397	200	02-26-86	75.05	S
						03-27-86	74.32	S
						04-09-86	73.89	S
						04-22-86	73.57	S
						05-01-86	73.50	S
						05-09-86	74.10	S
						05-19-86	73.42	S
						05-23-86	73.50	S
						05-29-86	73.59	S
						06-05-86	74.12	S
						06-12-86	74.80	S
						06-20-86	75.67	S
						06-25-86	76.19	S
						07-03-86	76.48	S
						07-10-86	77.36	S
						08-01-86	78.38	S
						08-08-86	79.17	S
						08-22-86	79.89	S
						08-29-86	80.10	S
						09-05-86	80.29	S
						09-12-86	80.62	S
						09-19-86	80.71	S
						09-26-86	80.91	S
						10-03-86	80.90	S
						10-07-86	80.76	S
						10-17-86	80.49	S
						10-23-86	80.23	S
						10-30-86	79.86	S
						11-05-86	79.62	S
						11-14-86	79.30	S
						11-21-86	78.95	S
						12-03-86	78.51	S
						12-09-86	78.28	S
						12-19-86	77.79	S
						01-08-87	76.93	S
						01-20-87	76.50	S
						01-28-87	76.06	S
						02-04-87	75.90	S
						02-12-87	75.63	S
						02-19-87	75.40	S
						02-26-87	75.11	S
						03-05-87	74.93	S
						03-12-87	74.81	S
						03-20-87	74.56	S
						03-26-87	74.44	S
						04-02-87	74.27	S
						04-09-87	74.18	S
						04-22-87	74.08	S
						04-29-87	74.03	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E61 22BCDD1 VALLEY VIEW / CITY N.L.V.	361141115085001	P	2,019	1,000	500	02-26-86	64.82	S
						03-27-86	64.85	S
						04-09-86	61.02	S
						04-22-86	60.32	S
						05-01-86	60.12	S
						05-09-86	59.98	S
						05-19-86	59.78	S
						05-23-86	59.80	S
						05-29-86	60.32	S
						06-05-86	61.98	S
						06-12-86	63.66	S
						06-20-86	65.38	S
						06-25-86	66.40	S
						06-30-86	67.02	S
						07-03-86	66.83	S
						07-10-86	68.40	S
						07-18-86	69.49	S
						07-25-86	70.03	S
						08-01-86	70.68	S
						08-08-86	71.18	S
						08-15-86	71.78	S
						08-22-86	72.29	S
						08-29-86	72.69	S
						09-05-86	72.95	S
						09-12-86	73.72	S
						09-16-86	73.76	S
						09-19-86	73.63	S
						09-26-86	73.76	S
						10-03-86	73.92	S
						10-10-86	73.78	S
						10-17-86	71.70	S
						10-23-86	71.58	S
						10-31-86	69.87	S
						11-05-86	69.40	S
						11-14-86	68.60	S
						11-21-86	67.90	S
						11-28-86	67.34	S
						12-03-86	66.92	S
						12-09-86	66.44	S
						12-19-86	65.98	S
						12-23-86	65.63	S
						12-31-86	64.99	S
						01-08-87	64.35	S
						01-09-87	64.27	S
						01-20-87	63.50	S
						01-28-87	62.94	S
						02-04-87	62.58	S
						02-12-87	62.13	S
						02-19-87	61.70	S
						02-26-87	62.22	S
						03-06-87	60.87	S
						03-12-87	60.69	S
						03-14-87	60.48	S
						03-26-87	60.09	S
						04-02-87	59.86	S
						04-09-87	59.65	S
						04-15-87	59.54	S
						04-22-87	59.53	S
						04-29-87	59.46	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E61 24CCAB1 COLLEGE PARK #2 / CITY N.L.V.	361110115064601	P	1,840	500	186	02-26-86	8.02	S
						03-27-86	7.79	S
						04-09-86	7.34	S
						04-22-86	6.90	S
						05-01-86	6.72	S
						05-09-86	6.88	S
						05-19-86	6.32	S
						05-23-86	6.22	S
						05-29-86	6.26	S
						06-05-86	6.87	S
						06-12-86	6.95	S
						06-20-86	6.99	S
						06-25-86	7.32	S
						06-26-86	7.28	S
						07-03-86	7.49	S
						07-10-86	9.01	S
						07-18-86	9.69	S
						07-25-86	8.25	S
						08-01-86	8.39	S
						08-08-86	8.53	S
						08-15-86	8.62	S
						08-22-86	8.87	S
						08-28-86	8.91	S
						09-05-86	9.11	S
						09-16-86	9.29	S
						09-19-86	9.37	S
						09-26-86	9.56	S
						10-03-86	9.35	S
						10-10-86	9.18	S
						10-17-86	8.87	S
						10-24-86	8.73	S
						10-31-86	8.39	S
						11-05-86	8.25	S
						11-14-86	7.84	S
						11-22-86	7.70	S
						11-28-86	7.50	S
						12-02-86	7.35	S
						12-09-86	7.14	S
						12-19-86	6.82	S
						12-23-86	6.68	S
						12-31-86	6.47	S
						01-08-87	6.19	S
						01-09-87	5.95	S
						01-20-87	5.92	S
						01-28-87	5.63	S
						02-06-87	5.54	S
						02-11-87	5.35	S
						02-19-87	5.18	S
						02-27-87	5.04	S
						03-05-87	4.92	S
						03-12-87	4.78	S
						03-16-87	4.57	S
						03-26-87	4.51	S
						04-02-87	4.39	S
						04-09-87	4.27	S
						04-16-87	4.13	S
						04-22-87	4.08	S
						04-29-87	3.92	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
212 S20 E61 30DDA1 #5 / LVVWD	361027115111401	--	2,120	489	268	02-19-86	156.25	S
						03-18-86	169.69	S
						03-20-86	153.18	S
						03-25-86	152.4	T
212 S20 E61 31AADD2 #6 / LVVWD	361014115111401	P	2,140	500	280	03-18-86	174.17	S
						04-09-86	208.86	S
						04-22-86	173.40	S
						05-01-86	174.92	S
						05-08-86	173.34	S
						05-19-86	177.70	S
						05-23-86	188.64	S
						05-29-86	177.25	S
						06-06-86	181.37	S
						06-10-86	184.28	S
						06-19-86	186.39	S
						06-25-86	187.82	S
						07-03-86	188.24	S
						07-10-86	190.79	S
						07-17-86	192.19	S
						07-25-86	194.29	S
						08-01-86	195.60	S
						08-08-86	198.29	S
						08-15-86	204.01	S
						08-22-86	198.40	S
						08-29-86	199.48	S
						09-05-86	201.02	S
						09-12-86	203.93	S
						09-19-86	200.09	S
						09-26-86	201.20	S
						10-03-86	200.98	S
						10-10-86	198.36	S
						10-17-86	199.52	S
						10-23-86	201.62	S
						10-31-86	201.32	S
						03-13-87	186.16	S
						04-09-87	187.43	S
						04-16-87	187.24	S
						04-24-87	187.39	S
						04-30-87	187.95	S
212 S20 E61 31DDBB1 #9 / LVVWD	360944115112701	P	2,135	410	193.4	02-28-86	175	A
						03-28-86	170.08	S
						03-31-86	174	A
						04-09-86	169.67	S
						04-30-86	176	A
						05-01-86	169.25	S
						05-09-86	169.31	S
						05-19-86	169.97	S
						05-23-86	170.47	S
						05-29-86	170.88	S
						06-06-86	171.29	S
						09-30-86	201	A
						10-31-86	199	A
						11-30-86	195	A
						12-31-86	191	A
						01-31-87	176	A
						02-28-87	184	A
						03-31-87	180	A
						04-30-87	179	A

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
212 S20 E61 31DDCB1 #10 / LVVWD	360938115112801	P	2,138	1,250	495	03-13-86	179.17	S
						03-20-86	179.25	S
						03-24-86	177.73	S
						03-25-86	177.65	S
						04-08-86	177.89	S
						04-22-86	178.05	S
						05-01-86	177.96	S
						05-09-86	179.64	S
						05-19-86	181.79	S
						05-23-86	182.52	S
						05-30-86	183.43	S
						06-06-86	190.48	S
						06-12-86	198.25	S
						06-19-86	201.51	S
						06-26-86	203.07	S
						07-03-86	203.87	S
						07-10-86	204.95	S
						07-17-86	205.89	S
						07-25-86	207.93	S
						08-04-86	209.52	S
						08-07-86	209.82	S
						08-15-86	211.16	S
						08-22-86	210.41	S
						08-29-86	210.98	S
						09-05-86	211.55	S
						09-12-86	211.85	S
						09-19-86	211.74	S
						09-26-86	211.97	S
						10-03-86	210.59	S
						10-10-86	210.30	S
						10-17-86	209.74	S
						10-23-86	208.86	S
						10-31-86	208.53	S
						11-07-86	206.35	S
						11-21-86	203.34	S
						12-05-86	196.51	S
						12-09-86	193.33	S
						12-19-86	191.44	S
						12-23-86	190.87	S
						12-31-86	189.62	S
						01-20-87	185.99	S
						01-22-87	185.68	S
						01-28-87	184.53	S
						02-06-87	184.01	S
						02-13-87	182.83	S
						02-19-87	182.20	S
						02-27-87	181.47	S
						03-06-87	181.57	S
						03-13-87	181.22	S
						03-20-87	180.92	S
						03-27-87	180.56	S
						04-02-87	179.89	S
						04-09-87	179.58	S
						04-16-87	180.33	S
						04-24-87	180.37	S
						04-30-87	179.96	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E61 34BCB1 -- / UNION PACIFIC R.R.	361008115084101	U	2,034	780	280	02-20-86	66.43	S
						03-27-86	65.70	S
						04-09-86	65.60	S
						05-07-86	66.33	S
						05-15-86	67.57	S
						05-23-86	68.43	S
						05-29-86	67.98	S
						06-06-86	68.87	S
						06-12-86	71.10	S
						06-20-86	71.19	S
						06-25-86	73.19	S
						07-03-86	73.79	S
						07-10-86	75.48	S
						07-17-86	76.48	S
						08-29-86	79.88	S
						09-05-86	82.08	S
						09-12-86	80.81	S
						09-19-86	80.89	S
						09-26-86	82.64	S
						10-03-86	81.05	S
						10-10-86	82.51	S
						10-17-86	81.97	S
						10-23-86	81.50	S
						10-31-86	81.78	S
						11-07-86	81.50	S
						11-14-86	81.28	S
						11-21-86	80.52	S
						11-28-86	80.40	S
						12-05-86	80.47	S
						12-09-86	78.98	S
						12-19-86	73.24	S
						12-23-86	74.35	S
						12-31-86	74.65	S
						01-20-87	74.92	S
						01-29-87	69.68	S
						02-06-87	70.18	S
						02-13-87	69.76	S
						02-19-87	69.57	S
						02-27-87	69.33	S
						03-06-87	69.94	S
						03-13-87	69.92	S
						03-26-87	69.57	S
						04-02-87	69.72	S
						04-09-87	69.93	S
						04-16-87	68.43	S
						04-24-87	65.78	S
						04-30-87	66.68	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
212 S20 E61 368CB1	361006115064401	U	1,838	--	--	04-10-86	-19.2	G
						04-22-86	-18.8	G
						05-01-86	-18.6	G
						05-09-86	-17.5	G
						05-19-86	-17.3	G
						05-23-86	-17.2	G
						05-29-86	-16.8	G
						06-05-86	-16.5	G
						06-12-86	-15.8	G
						06-20-86	-15.2	G
						06-25-86	-15.0	G
						07-03-86	-14.5	G
						07-10-86	-13.8	G
						07-17-86	-12.8	G
						07-25-86	-12.5	G
						08-01-86	-12.0	G
						08-08-86	-11.2	G
						08-15-86	-11.5	G
						08-22-86	-11.8	G
						08-28-86	-11.8	G
						09-05-86	-11.0	G
						09-12-86	-11.0	G
						09-19-86	-10.8	G
						09-26-86	-11.0	G
						10-03-86	-11.2	G
						10-10-86	-12.5	G
						10-17-86	-13.2	G
						10-24-86	-13.8	G
						10-31-86	-13.8	G
						11-05-86	-14.0	G
						11-14-86	-13.8	G
						11-22-86	-15.5	G
						11-28-86	-15.0	G
						12-02-86	-15.5	G
						12-09-86	-14.8	G
						12-19-86	-16.0	G
						12-23-86	-15.8	G
						12-31-86	-16.3	G
						01-08-87	-17.0	G
						01-20-87	-17.5	G
						01-28-87	-17.5	G
						02-06-87	-17.5	G
						02-12-87	-17.8	G
						02-20-87	-17.8	G
						02-27-87	-17.5	G
						03-05-87	-17.5	G
						03-12-87	-18.0	G
						03-26-87	-18.3	G
						04-02-87	-17.8	G
						04-09-87	-17.5	G
						04-16-87	-17.0	G
						04-22-87	-17.3	G
						04-29-87	-16.8	G

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S20 E62 03BBCC1 NELLIS #10 / U.S.A.F.	361449115022901	U	1,889	1,397	100	03-20-86	89.26	S
						03-27-86	88.93	S
						03-28-86	88.83	S
						04-08-86	88.49	S
						04-18-86	88.10	S
						05-02-86	88.62	S
						05-09-86	88.57	S
						05-15-86	88.39	S
						05-22-86	89.37	S
						05-29-86	89.07	S
						06-05-86	91.02	S
						06-12-86	93.50	S
						06-20-86	95.77	S
						07-03-86	96.81	S
						07-10-86	98.72	S
						07-18-86	100.82	S
						07-25-86	100.43	S
						08-01-86	100.92	S
						08-08-86	100.99	S
						08-14-86	99.61	S
						08-22-86	98.38	S
						08-29-86	98.42	S
						09-05-86	98.48	S
						09-19-86	97.10	S
						09-29-86	96.47	S
						10-03-86	95.85	S
						10-10-86	95.45	S
						10-17-86	94.80	S
						10-23-86	94.36	S
						10-31-86	93.98	S
						11-07-86	93.24	S
						11-17-86	92.46	S
						11-21-86	92.38	S
						12-03-86	94.56	S
						12-09-86	93.18	S
						12-19-86	90.75	S
						12-23-86	90.56	S
						01-02-87	90.13	S
						01-08-87	90.20	S
						01-20-87	89.59	S
						01-22-87	89.26	S
						01-28-87	89.00	S
						02-04-87	88.96	S
						02-12-87	88.71	S
						02-19-87	88.53	S
						02-26-87	88.20	S
						03-05-87	88.14	S
03-12-87	88.09	S						
03-20-87	87.76	S						
04-03-87	87.44	S						
04-08-87	87.64	S						
04-16-87	87.56	S						
04-22-87	87.30	S						
04-29-87	87.34	S						

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
Nevada Division of Water Resources Measurements								
212 S21 E60 12BABA1 -- / D. DALACUS	360825115130301	U	2,270	165	--	03-27-86	119.10	S
						04-09-86	118.87	S
						04-22-86	117.85	S
						05-01-86	118.21	S
						05-12-86	118.12	S
						05-19-86	117.79	S
						05-23-86	117.63	S
						05-29-86	117.21	S
						06-06-86	117.51	S
						06-12-86	117.18	S
						06-20-86	117.42	S
						06-25-86	116.1	T
						07-03-86	116.59	S
						07-10-86	116.19	S
						07-17-86	115.79	S
						07-25-86	115.57	S
						07-31-86	115.26	S
						08-07-86	115.21	S
						08-15-86	115.10	S
						08-22-86	114.94	S
						08-29-86	114.69	S
						09-05-86	114.60	S
						09-12-86	114.18	S
						09-26-86	113.91	S
						10-03-86	113.88	S
						10-10-86	113.65	S
						10-16-86	113.68	S
						10-24-86	113.48	S
						10-31-86	113.00	S
						11-07-86	112.88	S
						11-14-86	112.67	S
						11-21-86	112.27	S
						11-28-86	112.36	S
						12-03-86	112.07	S
						12-09-86	112.10	S
						12-19-86	111.47	S
						12-23-86	111.51	S
						01-08-87	111.06	S
						01-20-87	110.72	S
						01-29-87	110.12	S
						02-05-87	110.80	S
						02-11-87	110.13	S
						02-20-87	109.91	S
						02-27-87	109.66	S
						03-06-87	109.55	S
						03-13-87	109.40	S
						03-20-87	109.11	S
						03-27-87	109.21	S
						04-02-87	109.10	S
						04-08-87	109.06	S
						04-16-87	108.91	S
						04-22-87	108.95	S
						04-30-87	108.61	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
212 S21 E60 168DDB1 -- / CLEAR GRAVEL INC.	360712115155501	U	2,545	750	405	03-27-86	483.5	T
						04-09-86	482.9	T
						04-22-86	491.3	T
						05-01-86	488.8	T
						05-12-86	488.3	T
						05-19-86	488.3	T
						05-23-86	488.3	T
						05-30-86	488.4	T
						06-06-86	488.3	T
						06-12-86	488.4	T
						06-20-86	488.4	T
						06-25-86	488.2	T
						06-30-86	489.04	T
						07-03-86	488.3	T
						07-10-86	488.3	T
						07-17-86	489.0	T
						07-25-86	489.3	T
						07-31-86	489.0	T
						08-07-86	489.1	T
						08-15-86	489.2	T
						08-22-86	489.3	T
						08-29-86	489.4	T
						09-05-86	489.6	T
						09-10-86	489.5	T
						09-12-86	489.30	S
						09-18-86	489.6	T
						09-26-86	489.6	T
						10-03-86	489.6	T
						10-10-86	489.6	T
						10-16-86	489.7	T
						10-24-86	489.9	T
						10-31-86	489.6	T
						11-07-86	489.8	T
						11-14-86	489.8	T
						11-21-86	489.8	T
						11-25-86	489.8	T
						12-05-86	489.9	T
						12-19-86	490.0	T
						12-23-86	490.1	T
						12-31-86	490.0	T
01-06-87	490.4	S						
01-08-87	490.5	T						
01-20-87	490.5	T						
01-29-87	490.2	T						
02-05-87	490.8	T						
02-11-87	490.3	T						
02-20-87	490.6	T						
02-27-87	490.9	T						
03-06-87	490.3	T						
03-13-87	490.3	T						
03-17-87	490.7	S						
04-03-87	490.4	T						
04-08-87	491.0	T						
04-16-87	490.9	T						
04-22-87	490.7	T						
04-30-87	490.6	T						

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S21 E61 03ABB2 -- / DR. PARK	360931115083802	U	2,014	807	--	02-20-86	56.12	S
						02-26-86	56.45	S
						03-27-86	57.39	S
						04-09-86	58.03	S
						04-22-86	58.83	S
						05-01-86	59.66	S
						05-09-86	59.71	S
						05-19-86	60.53	S
						05-23-86	61.49	S
						05-29-86	62.32	S
						06-06-86	63.16	S
						06-12-86	64.05	S
						06-20-86	65.27	S
						06-25-86	66.20	S
						06-26-86	66.13	S
						07-03-86	67.09	S
						07-10-86	68.05	S
						07-17-86	68.89	S
						07-25-86	69.14	S
						08-01-86	69.46	S
						08-08-86	70.66	S
						08-15-86	71.35	S
						08-22-86	71.93	S
						08-29-86	72.02	S
						09-05-86	72.98	S
						09-10-86	72.66	S
						09-12-86	72.86	S
						09-19-86	72.84	S
						09-26-86	72.81	S
						10-03-86	72.75	S
						10-10-86	71.94	S
						10-17-86	71.87	S
						10-23-86	71.54	S
						10-31-86	70.90	S
						11-05-86	70.44	S
						11-14-86	69.69	S
						11-22-86	68.70	S
						11-28-86	67.79	S
						12-02-86	67.23	S
						12-09-86	65.98	S
						12-19-86	64.30	S
						12-23-86	63.66	S
						12-30-86	61.81	S
						12-31-86	62.45	S
						01-08-87	61.42	S
						01-20-87	59.80	S
						01-29-87	58.85	S
						02-06-87	58.37	S
						02-13-87	57.89	S
						02-20-87	57.59	S
						02-27-87	57.28	S
						03-05-87	56.86	S
						03-13-87	56.47	S
						03-20-87	56.38	S
						03-26-87	54.44	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S21 E61 03ABB2--Continued						04-02-87	56.11	S
						04-09-87	56.43	S
						04-16-87	57.12	S
						04-22-87	57.99	S
						04-30-87	59.04	S
212 S21 E61 19CBA1 -- / KENO RADIO	360614115114901	--	2,215	300	210	03-11-86	216.75	S
						04-09-86	215.7	T
						04-22-86	214.9	T
						05-01-86	212.4	T
						05-12-86	212.7	T
						05-19-86	214.8	T
						05-23-86	215.5	T
						05-30-86	215.5	T
212 S21 E61 27DDBC1 #43 / LVVWD	360518115082401	P	2,050	1,200	500	02-19-86	20.75	S
						03-27-86	22.02	-
						04-08-86	22.20	S
						04-22-86	21.79	S
						05-01-86	23.51	S
						05-09-86	24.33	S
						05-19-86	25.65	S
						05-23-86	25.69	S
						05-30-86	26.68	S
						06-06-86	26.97	S
						06-12-86	27.54	S
						06-20-86	28.15	S
						06-25-86	28.41	S
						07-03-86	29.02	S
						07-10-86	29.67	S
						07-18-86	30.04	S
						07-25-86	29.53	S
						07-31-86	29.87	S
						08-04-86	30.18	S
						08-14-86	30.62	S
						08-22-86	30.86	S
						08-29-86	30.46	S
						09-05-86	30.47	S
						09-10-86	30.51	S
						09-19-86	30.64	S
						09-26-86	29.79	S
						10-03-86	29.13	S
						10-10-86	28.85	S
						10-17-86	28.35	S
						10-23-86	28.05	S
						10-31-86	27.89	S
						11-07-86	27.31	S
						11-21-86	26.30	S
						12-02-86	25.42	S
						12-04-86	25.36	S
						12-09-86	24.85	S
						12-19-86	24.00	S
						12-23-86	23.72	S
						12-31-86	23.18	S
						01-06-87	22.85	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude			Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use	(feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Date	Depth (feet below land surface)	Measurement method
212 S21 E61 27D08C1--Continued						01-20-87	22.05	S
						01-29-87	21.61	S
						02-05-87	21.60	S
						02-13-87	21.60	S
						02-20-87	21.77	S
						02-25-87	21.72	S
						03-06-87	21.74	S
						03-13-87	21.54	S
						03-27-87	21.78	S
						04-02-87	22.01	S
						04-08-87	22.36	S
						04-16-87	22.97	S
						04-22-87	23.19	S
						04-30-87	23.72	S
212 S21 E62 10ACAA1						03-13-86	14.13	S
-- / NEVADA POWER						04-10-86	14.06	S
						05-01-86	14.27	S
						05-08-86	14.42	S
						05-14-86	14.50	S
						05-23-86	14.54	S
						05-30-86	14.69	S
						06-05-86	14.79	S
						06-12-86	14.91	S
						06-20-86	15.00	S
						06-25-86	15.08	S
						07-03-86	15.15	S
						07-10-86	15.34	S
						07-17-86	15.22	S
						07-25-86	15.18	S
						07-31-86	15.50	S
						08-08-86	15.59	S
						08-14-86	15.66	S
						08-22-86	15.70	S
						08-29-86	15.74	S
						09-05-86	15.88	S
						09-12-86	15.94	S
						09-19-86	15.93	S
						10-02-86	15.95	S
						10-10-86	15.90	S
						10-16-86	15.89	S
						10-24-86	15.80	S
						10-31-86	15.66	S
						11-06-86	15.57	S
						11-14-86	15.48	S
						11-21-86	15.39	S
						12-02-86	15.21	S
						12-09-86	15.10	S
						12-19-86	14.93	S
						01-02-87	14.78	S
						01-06-87	14.72	S
						01-20-87	14.61	S
						01-29-87	14.57	S
						02-06-87	14.57	S
						02-13-87	14.50	S

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
212 S21 E62 10ACAA1--Continued						02-20-87	14.50	S
						02-26-87	14.46	S
						03-05-87	14.39	S
						03-12-87	14.32	S
						03-27-87	14.27	S
						04-03-87	14.08	S
						04-08-87	14.10	S
						04-16-87	14.11	S
						04-22-87	14.10	S
						04-29-87	14.17	S
212 S21 E62 20DDD1	360601115034401	--	1,720	500	--	03-13-86	-56.3	G
-- / L. BILLMAN						04-22-86	-56.2	G
						05-08-86	-55.2	G
						05-14-86	-54.8	G
						05-22-86	-55.5	G
						05-23-86	-54.2	G
						05-30-86	-54.8	G
						06-05-86	-54.8	G
						06-12-86	-54.5	G
						06-20-86	-54.0	G
						06-26-86	-54.0	G
						07-03-86	-53.8	G
						07-10-86	-53.2	G
						07-18-86	-53.2	G
						07-25-86	-54.0	G
						07-31-86	-53.8	G
						08-07-86	-53.2	G
						08-15-86	-52.8	G
						08-22-86	-52.2	G
						08-28-86	-53.2	G
						09-05-86	-52.8	G
						09-12-86	-52.8	G
						09-19-86	-52.2	G
						10-17-86	-53.0	G
						10-24-86	-53.0	G
						10-31-86	-52.2	G
						11-06-86	-53.0	G
						11-14-86	-52.8	G
						11-21-86	-53.3	G
						12-02-86	-52.8	G
						12-09-86	-55.0	G
						12-19-86	-56.5	G
						01-02-87	-57.0	G
						01-06-87	-57.3	G
						01-20-87	-57.5	G
						01-29-87	-56.3	G
						02-06-87	-57.5	G
						02-13-87	-58.0	G
						02-26-87	-58.3	G
						03-05-87	-58.5	G
						03-13-87	-58.3	G

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S22 E60 01DDDC1 #18 / LVVMD	360318115123501	U	2,363	1,071	250	04-09-86	291.4	T
						04-22-86	291.8	T
						05-05-86	292.57	S
						05-09-86	292.61	S
						05-19-86	292.63	S
						05-23-86	292.67	S
						05-30-86	292.69	S
						06-06-86	292.83	S
						06-12-86	292.91	S
						06-20-86	292.94	S
						06-25-86	292.1	T
						07-03-86	293.02	S
						07-10-86	293.04	S
						07-18-86	293.05	S
						07-25-86	293.1	T
						07-31-86	293.1	T
						08-08-86	293.1	T
						08-15-86	293.2	T
						08-22-86	293.4	T
						08-28-86	293.5	T
						09-05-86	293.5	T
						09-10-86	293.7	T
						09-18-86	293.6	T
						09-26-86	293.8	T
						10-03-86	293.9	T
						10-10-86	293.9	T
						10-16-86	293.8	T
						10-24-86	293.9	T
						10-31-86	293.8	T
						11-07-86	294.0	T
						11-14-86	293.9	T
						11-21-86	293.9	T
						11-25-86	294.0	T
						12-05-86	294.0	T
						12-10-86	294.1	T
						12-19-86	293.9	T
						12-23-86	294.0	T
						12-31-86	293.9	T
						01-08-87	294.1	T
						01-20-87	294.1	T
						01-29-87	294.0	T
						02-05-87	294.1	T
						02-11-87	294.0	T
						02-20-87	294.3	T
						02-27-87	294.3	T
						03-06-87	294.1	T
						03-13-87	294.0	T
						04-03-87	294.1	T
						04-08-87	294.4	T
						04-16-87	294.3	T
						04-22-87	294.4	T
						04-30-87	294.4	T

TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S19 E60 27BDC1 #554 / USGS	361611115151301	U	2,360	905	--	02-03-86	75.04	S
						02-10-86	73.98	S
						02-18-86	73.68	S
						02-25-86	73.57	S
						03-04-86	75.68	S
						03-10-86	75.50	S
						03-13-86	74.53	S
						03-17-86	74.96	S
						03-24-86	75.24	S
						03-31-86	77.50	S
						04-07-86	77.25	S
						04-14-86	79.46	S
						04-21-86	80.46	S
						04-28-86	79.40	S
						05-05-86	80.10	S
						05-12-86	82.00	S
						05-19-86	81.18	S
						05-27-86	82.25	S
						06-02-86	84.69	S
						06-09-86	83.15	S
						06-16-86	85.30	S
						06-23-86	88.67	S
						06-25-86	78.15	S
						06-30-86	86.12	S
						07-14-86	88.92	S
						07-21-86	87.39	S
						08-04-86	90.30	S
						08-11-86	89.55	S
						08-18-86	90.71	S
						08-25-86	89.40	S
						09-02-86	90.86	S
						09-08-86	91.56	S
						09-15-86	91.52	S
						09-22-86	88.90	S
						09-29-86	87.78	S
						10-06-86	86.29	S
						10-13-86	86.91	S
						10-20-86	85.50	S
						10-27-86	83.10	S
						11-03-86	82.21	S
						11-10-86	82.81	S
						11-24-86	81.82	S
						12-01-86	81.10	S
						12-08-86	79.76	S
						12-15-86	78.48	S
						12-16-86	79.97	S
						12-22-86	78.69	S
						12-29-86	77.35	S
						01-05-87	77.06	S
						01-13-87	76.43	S
01-20-87	76.42	S						
01-26-87	76.77	S						
02-02-87	76.48	S						
02-09-87	76.48	S						
02-17-87	76.75	S						
02-23-87	78.24	S						
03-02-87	78.21	S						
03-03-87	82.57	S						
03-09-87	79.35	S						
03-16-87	77.76	S						

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TABLE 1.--Water-level data for wells measured about weekly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S22 E61 048CB1 -- / FITZPATRICK	360349115100001	U	2,225	355	--	02-03-86	160.40	S
						02-10-86	159.50	S
						02-18-86	159.68	S
						02-24-86	159.33	S
						02-26-86	162.38	S
						03-04-86	160.91	S
						03-10-86	159.15	S
						03-24-86	160.97	S
						04-02-86	160.85	S
						04-07-86	160.40	S
						04-14-86	160.31	
						04-21-86	160.34	S
						04-28-86	161.91	S
						05-05-86	163.62	S
						05-12-86	161.45	S
						05-19-86	161.08	S
						05-27-86	161.02	S
						06-02-86	163.29	S
						06-09-86	162.52	S
						06-17-86	162.30	S
						06-23-86	163.87	S
						06-24-86	169.30	S
						06-30-86	163.75	S
						07-21-86	163.44	S
						08-04-86	168.03	S
						08-11-86	163.50	S
						08-18-86	164.66	S
						09-02-86	163.03	S
						09-08-86	163.02	S
						09-11-86	164.27	S
						09-15-86	164.85	S
						09-22-86	163.05	S
						10-06-86	163.32	S
						10-13-86	163.41	S
						10-20-86	164.38	S
						11-03-86	163.84	S
						11-10-86	163.93	S
						11-24-86	162.50	S
						12-01-86	162.81	S
						12-08-86	162.02	S
						12-15-86	161.75	S
						12-18-86	161.91	S
						12-22-86	161.32	S
						12-29-86	161.48	S
						01-05-87	161.44	S
						01-12-87	161.43	S
						01-20-87	161.88	S
						01-26-87	161.89	S
						02-02-87	160.06	S
						02-09-87	161.78	S
						02-17-87	161.73	S
						02-23-87	160.10	S
						02-27-87	161.48	S
						03-02-87	160.91	S
						03-09-87	161.71	S
						03-16-87	161.95	S

TABLE 2.--Water-level data for wells measured about quarterly

[--, no data available]

Site designations.--USGS identifications: see text section titled "U.S. Geological Survey Site Designations." Well owner abbreviations: City N.L.V., City of North Las Vegas; LVVWD, Las Vegas Valley Water District; U.S.A.F., United States Air Force; USGS, United States Geological Survey.

Water use.--Abbreviations: H, domestic; I, irrigation; N, industrial; P, public supply; U, unused.

Water-level depth.--Minus sign indicates water level above land surface.

Water-level measurement method.--Abbreviations: A, air line; G, pressure gage; S, steel tape; T, electric tape.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
U.S. Geological Survey Measurements								
212 S19 E61 31ADCD1 -- / B. SLYERS	361514115112901	H	2,200	300	180	03-12-86	134.46	S
						06-26-86	141.49	S
						09-16-86	143.85	S
						12-17-86	138.57	S
						03-17-87	137.4	S
212 S19 E61 31ADDC1 -- / B. RNECHT	361515115112301	U	2,185	100	--	03-12-86	98.08	S
						06-26-86	132.33	S
						09-16-86	134.82	S
						12-17-86	134.24	S
						03-17-87	133.60	T
212 S19 E62 35DCDC1 L.M.#5 / U.S.A.F.	361451115004401	P	1,867	838	370	04-11-86	99.01	S
						06-25-86	98.23	S
						09-15-86	97.38	S
						01-09-87	97.0	T
						03-18-87	96.3	--
212 S20 E60 13DCCD1 -- / M. THOMAS	361201115123701	H	2,224	157	--	04-08-86	27.35	S
						06-27-86	26.45	S
						09-10-86	24.73	S
						12-17-86	24.97	S
						03-17-87	25.17	S
212 S20 E61 01ACCD1 #19 / USGS	361425115061901	U	1,919	84	80	03-14-86	62.20	S
						06-30-86	62.87	S
						09-15-86	64.36	S
						12-17-86	63.23	S
						03-17-87	62.75	S
212 S20 E61 03DAD2 NELLIS #8 / U.S.A.F.	361412115080801	P	1,973	913	150	04-11-86	61.62	S
						06-26-86	96.15	S
						09-15-86	90.00	S
						01-09-87	72.35	S
						03-18-87	62.15	S
212 S20 E61 11CDDC1 #16 / USGS	361305115073201	U	1,920	62	58	03-14-86	46.99	S
						06-26-86	43.80	S
						09-16-86	42.69	S
						12-22-86	43.26	S
						03-17-87	42.79	S
212 S20 E61 14CCCC1 #15 / USGS	361212115065901	U	1,910	46	43	03-14-86	29.28	S
						06-26-86	29.70	S
						09-16-86	29.71	S
						01-06-87	29.59	S
						03-17-87	29.42	S

TABLE 2.--Water-level data for wells measured about quarterly--Continued.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
212 S20 E61 18BCCD1 AIRPORT / CITY N.L.V.	361237115121401	P	2,208	500	300	03-12-86 06-30-86 09-10-86 12-17-86 03-03-87	233.43 233.70 228.40 220.95 234.4	S S S S S
212 S20 E61 22DACD1 TONOPAH / CITY N.L.V.	361120115080401	P	1,911	1,105	249	03-14-86 06-30-86 09-16-86 01-09-87 03-16-87	19.40 21.56 25.2 12.58 10.27	S T T S S
212 S20 E61 27BDAA1 #49 / USGS	361102115083601	U	2,010	15	11	03-14-86 06-26-86 09-16-86 01-07-87 03-16-87	12.23 12.23 11.54 10.57 11.22	S S S S S
212 S20 E61 30ACC1 #34 / USGS	361053115120501	U	2,000	31	27	03-12-86 06-30-86 09-10-86 01-07-87 03-20-87	10.17 8.48 8.04 7.93 9.18	S S S S S
212 S20 E61 31DCD1 #37 / USGS	360937115113401	U	2,155	18	14	03-13-86 06-25-86 09-10-86 12-18-86 03-02-87	9.62 9.22 8.17 8.66 9.11	S S S S S
212 S20 E61 32CDC1 -- / K. SEARLES	360941115104801	H	2,102	665	570	03-10-86 06-25-86 09-10-86 12-18-86 03-03-87	55.75 65.44 67.80 58.00 53.6	S S S S S
212 S20 E61 34CAA1 #48 / USGS	360837115095501	U	2,010	22	18	03-19-86 06-26-86 09-16-86 12-30-86 03-16-87	6.75 7.55 7.17 5.41 5.23	S S S S S
212 S20 E62 09CCC1 NELLIS "A" #14 / U.S. ARMY CORPS OF ENGINEERS	361258115032101	P	1,827	650	290	04-11-86 09-15-86 09-22-86 01-09-87 03-18-87	86.85 167.70 123.62 87.77 82.2	T T -- -- T
212 S20 E62 29DCAB1	361036115040401	U	1,766	98	--	03-13-86 06-30-86 09-11-86 01-07-87 03-16-87	40.04 39.96 40.08 39.65 39.07	S S S S S

TABLE 2.--Water-level data for wells measured about quarterly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S21 E60 15BDBC1 -- / WELLS CARGO	360739115152701	N	2,480	680	380	09-12-86 01-07-87 03-17-87	432.00 434.0 432.5	S T T
212 S21 E61 01ACCC1 #11 / USGS	360908115062901	U	1,840	23.5	19.5	03-13-86 06-25-86 09-15-86 01-07-87 03-16-87	7.59 7.60 7.75 7.23 7.25	S S S S S
212 S21 E61 03AAAD1 #47 / USGS	360924115081101	U	1,990	15	11	03-14-86 06-26-86 09-10-86 12-30-86 03-18-87	7.41 7.50 7.60 7.51 7.38	S S S S S
212 S21 E61 04ABC1 #43 / USGS	360921115093601	U	2,047	17	13	03-14-86 06-25-86 09-10-86 12-18-86 03-18-87	9.16 9.66 10.02 9.57 9.14	S S S S S
212 S21 E61 14ACA1 -- / SAHARA COUNTRY CLUB	360728115072901	I	1,930	750	500	03-14-86 01-07-87	26.44 31.08	S S
212 S21 E61 16CA3 -- / SANDS	360719115095903	P	2,090	840	260	03-20-86 09-19-86 01-07-87 03-18-87	125.83 171.50 115.25 129.96	S S S S
212 S21 E61 17BADD1 #40 / USGS	360735115105201	U	2,120	45	41	03-18-86 06-25-86 09-16-86 01-07-87 03-18-87	21.80 20.02 17.18 16.03 14.09	S S S S S
212 S21 E61 22CCC1 -- / A.P. BAKER	360600115091001	U	2,072	500	--	03-14-86 06-26-86 09-12-86 12-19-86 03-02-87	51.97 84.70 84.02 50.8 51.4	S S S T T
212 S21 E61 24CAD1 #56 / USGS	360617115063801	U	1,950	23.8	19.8	03-14-86 06-25-86 09-12-86 12-29-86 03-02-87	13.86 13.62 13.10 12.87 13.20	S S S S S
212 S21 E61 28CABB1	360528115094201	--	2,125	93	--	03-14-86 06-26-86 09-12-86 12-19-86 02-27-87	35.53 35.53 35.00 34.2 34.2	S S S T T

TABLE 2.--Water-level data for wells measured about quarterly--Continued.

Site designations			Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measurement method
212 S21 E61 29AAC1 -- / M. WOLLMAN	360543115101301	U	2,140	540	--	03-14-86 06-26-86 09-12-86 12-19-86 02-27-87	88.38 104.99 109.46 85.3 87.5	S S S T T
212 S21 E61 36ADC3 #68 / USGS	360449115061201	U	1,948	25.9	22.9	03-07-86 06-25-86 09-11-86 12-29-86 03-02-87	21.26 23.15 25.39 22.14 20.83	S S S S S
212 S21 E62 08DBDA2 -- / D. OKELLY	360733115034402	H	1,731	200	50	04-11-86 06-26-86 09-11-86 01-07-87 03-16-87	14.23 14.95 15.89 13.84 12.27	S S S S S
212 S21 E62 17DAB1 #5 / USGS	360744115050801	U	1,730	11	7	03-13-86 06-26-86 09-11-86 01-07-87 03-16-87	7.05 7.30 8.32 7.32 6.27	S S S S S
212 S21 E62 28AAC1 #3 / USGS	360548115024601	U	1,665	27	23	03-07-86 06-25-86 09-15-86 12-29-86 03-02-87	19.15 18.65 17.99 18.52 18.42	S S S S S
212 S22 E60 20CACA1 -- / MOFFAT & LILLIS	360047115171401	U	2,810	710	610	03-13-86 06-24-86 09-10-86 12-18-86 03-02-87	477.48 493.87 479.90 478.3 478.2	S S S T T
212 S22 E61 01CCC1 #66 / USGS	360328115065501	U	2,032	55	51	03-07-86 06-25-86 03-02-87	49.03 52.33 50.91	S S S
212 S22 E61 04ACAD1	360400115092401	--	2,165	113	--	03-13-86 06-26-86 09-12-86 12-18-86 02-27-87	97.11 95.04 95.52 95.94 96.2	S S S T T
212 S22 E61 10CCD1 -- / L.J. DEATCH	360235115090301	H	2,160	300	168	04-08-86 06-27-86 09-11-86 01-09-87 02-27-87	106.90 125.65 126.0 115.58 115.85	S S T S S
212 S22 E62 04DCCC1 -- / CITY OF HENDERSON	360322115030801	--	1,798	780	430	03-13-86 06-03-86 09-19-86	-5.5 -5.5 -2.3	G G G
212 S22 E63 20ABC1 -- / CITY OF HENDERSON	360122114574801	U	2,030	750	460	03-07-86 06-25-86 09-11-86 12-17-86 02-27-87	315.24 314.92 315.20 314.50 314.6	S S S S T

TABLE 2.--Water-level data for wells measured about quarterly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
Las Vegas Valley Water District Measurements								
212 S19 E60 04DAB1 -- / NEV. DIV. OF FORESTRY	361939115154801	I	2,454	780	--	06-25-86 09-10-86 12-16-86 03-03-87	70.57 74.91 72.29 71.5	S S S S
212 S19 E60 09BCC1 -- / J.P. GOMAND	361843115161001	U	2,510	830	--	02-25-86 06-25-86 09-10-86 12-16-86 03-03-87	150.63 155.13 158.20 153.59 153.0	S S S S T
212 S19 E60 12DB1 -- / E. LAMB	361806115122701	H	2,350	240	80	02-25-86 06-26-86 09-10-86 12-16-86 03-03-87	128.92 124.99 125.59 125.75 126.10	S S S S T
212 S19 E60 22BDD1 -- / B. REID	361703115150601	P	2,360	400	200	02-25-86 06-25-86 09-10-86 12-16-86 03-18-87	134.36 168.80 177.00 137.13 132.72	S S S S S
212 S19 E60 24CBC1 -- / D.L. OHAIR	361655115132101	H	2,315	380	210	02-25-86 06-25-86 09-10-86 12-16-86 03-03-87	122.93 153.32 158.03 127.33 127.62	S S S S S
212 S19 E60 29BDD1 -- / P. EDMUNDSON	361613115171401	H	2,530	303	--	06-25-86 09-10-86 12-16-86 03-18-87	176.53 187.07 179.68 178.62	S S S S
212 S19 E61 21DDB1 REGIONAL PARK / CITY N.L.V.	361626115090701	U	2,160	1,300	50	02-25-86 06-26-86 09-19-86 12-17-86 03-17-87	32.44 33.88 34.38 33.72 33.28	S S S S S
212 S19 E62 290DBA1 -- / L. YOFFE	361555115034801	U	1,975	300	150	02-26-86 06-26-86 09-15-86 12-17-86 03-18-87	96.80 96.7 97.5 97.5 97.4	T T T T T
212 S19 E62 32BBAA1 #2 / USGS	361542115042901	U	1,958	95	91	02-26-86 06-26-86 09-15-86 12-17-86 03-17-87	92.77 93.02 92.30 91.98 91.83	S S S S S

TABLE 2.--Water-level data for wells measured about quarterly--Continued.

Site designations		Water use	Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification					Date	Depth (feet below land surface)	Measurement method
212 S20 E60 11CAAA1 #28 / LVVWD	361303115140301	P	2,287	1,003	307	02-28-86	315.	A
						03-31-86	317.	A
						06-27-86	306.67	S
						06-30-86	312.	A
						08-30-86	317.	A
						12-31-86	310.	A
						01-09-87	321.7	S
						01-31-87	310.	A
						02-28-87	310.	A
						04-30-87	318.	A
212 S20 E60 23AABA1 #51 / LVVWD	361143115133801	P	2,270	900	330	02-28-86	293.	A
						03-31-86	310.	A
						04-30-86	306.	A
						12-31-86	303.	A
						01-31-87	301.	A
						02-28-87	298.	A
						03-31-87	296.	A
212 S20 E60 26DCC1 #24 / LVVWD	361025115133801	P	2,335	960	400	02-28-86	370.	A
						03-31-86	368.	A
						10-31-86	390.	A
						11-30-86	387.	A
						12-18-86	391.28	S
						12-31-86	380.	A
						01-31-87	376.	A
						02-28-87	373.	A
						03-31-87	379.	A
						04-01-87	379.2	S
212 S20 E60 35DDA2 #1A / LVVWD	360940115133701	P	2,300	1,006	550	04-30-87	377.	A
						02-28-86	334.	A
						03-31-86	335.	A
						10-31-86	352.	A
						11-30-86	363.	A
						12-18-86	352.24	S
						12-31-86	399.	A
						01-31-87	351.	A
						02-28-87	350.	A
						03-02-87	336.55	S
212 S20 E62 05CAAA1 WILSHIRE / CITY N.L.V.	361400115040901	P	1,869	1,000	500	03-31-87	333.	A
						04-30-87	331.	A
						02-26-86	96.11	S
						09-16-86	144.82	S
						09-19-86	135.08	S
212 S20 E62 15BBAB1 NELLIS "C" #12 / U.S. ARMY CORPS OF ENGINEERS	361233115021501	P	1,816	1,000	320	01-09-87	94.7	T
						03-17-87	88.9	T
						02-26-86	101.57	S
						09-15-86	128.2	T
						01-09-87	91.96	S
						03-18-87	93.2	T

TABLE 2.--Water-level data for wells measured about quarterly--Continued.

Site designations		Water use	Land-surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification					Date	Depth (feet below land surface)	Measurement method
212 S20 E62 18BABA1 GOWAN #2 / CITY N.L.V.	361243115052501	P	1,847	700	350	02-26-86 01-09-87 03-18-87	61.58 62.41 60.34	S S S
212 S20 E62 26BBCC1 -- / F. PURDY	361100115011901	H	1,900	330	160	02-26-86 06-27-86 01-07-87 03-16-87	154.34 145.40 145.0 146.3	S S T T
212 S20 E62 34CABB1	360952115020701	U	1,740	100	--	02-26-86 06-26-86 09-11-86 01-07-87 03-16-87	39.80 39.62 39.73 38.86 38.32	S S S S S
212 S21 E60 01DBB1	360847115125301	U	2,261	190	--	02-26-86 06-25-86 09-10-86	111.04 119.46 110.45	S S S
212 S21 E61 04DDBA1 #4 / USGS	360846115091401	U	2,042	500	--	02-26-86 06-27-86 09-11-86 12-18-86 03-20-87	28.14 34.40 36.74 29.98 29.40	S S S S S
212 S21 E61 04DDBA2	360846115091402	U	2,042	20	16	02-26-86 06-25-86 09-12-86 03-20-87	7.34 7.39 7.86 7.23	S S S S
212 S21 E61 09BBB1 #3 / USGS	360838115101801	U	2,075	25	21	02-26-86 06-26-86 09-12-86 12-18-86 03-18-87	12.32 12.7 10.37 11.77 12.06	S S S S S
212 S21 E61 15DDDD1 -- / CLARK CO.	360701115081301	U	2,000	24.1	21.1	02-28-86 06-26-86 09-12-86 12-29-86 03-02-87	15.44 15.16 15.27 14.36 15.75	S S S S S
212 S21 E61 26DDBB1 -- / CLARK CO.	360522115072101	U	2,010	29.7	25.7	02-26-86 06-25-86 09-11-86 12-29-86 03-02-87	16.90 16.00 14.63 14.91 15.5	S S S S T
212 S21 E61 30DABB1 -- / S.T. HALL	360518115112101	--	2,225	304	--	02-26-86 06-27-86 09-12-86 12-30-86 03-02-87	157.38 171.90 173.02 171.2 171.1	S S S T T
212 S21 E62 19AABA1 -- / LVVWD	36065111505050	U	1,840	23	--	02-26-86 06-25-86 09-12-86 12-29-86 03-02-87	12.24 12.29 12.27 12.23 11.11	S S S S S

TABLE 2.--Water-level data for wells measured about quarterly--Continued.

Site designations			Land- surface altitude (feet above sea level)	Depth of well (feet)	Depth to shallowest opening (feet)	Water level		
Local USGS identification; well name or number; and owner	Standard USGS identification	Water use				Date	Depth (feet below land surface)	Measure- ment method
212 S21 E62 27CCC81 -- / NEVADA POWER	360509115023001	U	1,665	360	--	02-28-86 06-25-86 09-11-86 12-24-86 03-02-87	18.88 19.42 19.97 19.12 18.95	S S S S S
212 S21 E63 298881 #1 / USGS	360832115060201	U	1,590	80	76	02-28-86 06-25-86 09-11-86 12-22-86 03-17-87	17.81 18.06 18.05 19.89 20.35	S S S S S
212 S22 E60 238BD1 -- / J. HORNYAK	360118115141101	--	2,545	500	410	02-26-86 09-10-86	424.56 462.80	S S
212 S22 E61 12AAAD1 -- / J. BROWN	360321115060001	P	2,020	500	160	02-28-86 06-25-86 09-11-86 12-17-86 03-02-87	39.39 63.25 66.00 38.52 35.6	S S S S T
212 S22 E61 18CACD1 -- / J. KNEZ	360156115120501	--	2,356	360	--	09-10-86	258.45	S
212 S22 E61 20BAD1 -- / E. CLOVER	360112115104301	--	2,287	210	--	02-28-86 06-26-86 09-11-86 12-18-86 02-27-87	197.09 203.78 200.05 199.3 199.04	S S S S S
212 S22 E61 22DBA1 -- / R. SOWER	360114115082701	H	2,205	300	200	02-28-86 09-11-86 03-18-87	132.56 134.11 136.7	S S S
212 S22 E61 23CBD1	360104115080001	--	2,190	143	--	02-28-86 06-27-86 09-11-86	122.62 124.15 125.03	S S S
212 S22 E61 29DCDB1	360002115103801	--	2,275	300	--	02-26-86 06-27-86 09-11-86 12-19-86 02-27-87	124.54 125.18 125.55 125.6 124.4	S S S T T
212 S22 E62 08CBDC1 -- / PARADISE V. COUNTRY CLUB	360241115044001	I	1,982	712	565	01-08-87	135.25	S
212 S23 E61 03BCC1 -- / SKY HARBOR AIRPORT	361136115101401	U	2,375	650	220	02-28-86 06-27-86 09-11-86 12-19-86	207.4 207.37 208.59 208.65	T S S S

TABLE 3.--Daily mean water levels for three wells equipped with recorders.

Hydrographs are shown on plate 2

[--, no data available; water levels are in feet below land surface.]

Site 11: Local identification 212 S20 E61 31DDCB1; standard identification
360938115112801. Well depth, 1,250 feet.

DAY	1986								
	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
1	--	177.91	194.02	203.56	208.99	211.06	211.37	208.05	203.25
2	--	177.84	194.99	203.59	209.13	211.14	211.32	207.65	197.74
3	--	177.83	195.34	203.79	209.24	211.28	210.82	207.40	196.88
4	--	177.85	196.11	203.90	209.40	211.28	210.02	207.29	196.66
5	--	178.31	196.41	204.22	209.35	211.41	209.99	207.03	--
6	176.83	178.91	196.62	204.60	209.27	211.35	210.10	206.57	196.04
7	177.32	179.28	196.97	204.61	209.78	211.46	210.13	206.52	195.81
8	177.77	179.41	197.37	204.37	210.40	211.53	210.15	206.45	195.70
9	177.71	179.41	197.49	204.45	210.54	211.49	210.26	206.12	194.03
10	177.65	179.54	197.65	204.94	210.73	211.61	210.25	205.99	192.74
11	177.51	179.70	198.24	205.62	210.82	211.72	210.15	205.77	192.40
12	177.79	179.81	198.43	205.67	210.55	211.75	210.26	205.60	--
13	177.92	180.18	198.46	205.95	210.80	211.77	210.33	205.41	--
14	177.81	181.36	199.03	206.16	210.95	211.90	210.34	204.45	--
15	177.81	181.81	200.81	206.30	211.05	211.16	210.31	204.24	--
16	177.93	181.83	201.00	205.97	211.20	212.01	210.16	203.94	--
17	178.11	181.77	--	205.81	211.34	211.75	209.75	203.74	--
18	178.31	181.63	--	206.56	211.60	211.59	209.57	203.51	--
19	178.14	181.54	--	207.02	211.67	211.67	209.86	203.68	--
20	178.00	182.07	--	206.99	210.27	211.75	210.02	203.46	--
21	177.96	182.43	--	206.97	210.12	211.83	210.03	203.39	--
22	177.87	182.59	--	207.22	210.22	211.73	209.69	203.35	--
23	177.86	182.67	--	207.37	210.19	211.60	209.81	203.31	--
24	177.90	182.54	--	207.54	210.31	211.51	209.40	203.37	--
25	178.04	182.51	--	207.79	210.37	211.56	209.32	201.53	--
26	178.10	182.67	--	207.90	210.69	211.90	209.21	203.29	--
27	177.84	182.69	--	208.08	210.79	211.80	208.76	203.62	--
28	177.88	182.87	203.05	208.32	210.71	211.73	208.50	203.33	--
29	177.89	183.54	203.11	208.52	210.84	211.71	208.43	203.37	--
30	177.86	183.66	203.22	208.61	210.93	211.69	208.26	203.53	--
31	--	184.47	--	208.77	210.99	--	208.55	--	--
MEAN	--	181	--	206	210	212	210	205	--
MAX	--	184.47	--	208.77	211.67	212.01	211.37	208.05	--
MIN	--	177.83	--	203.56	208.99	211.06	208.26	201.53	--

TABLE 3.--Daily mean water levels for three wells equipped with recorders on plate 2--Continued

[--, no data available; water levels are in feet below land surface.]

Site 13: Local identification 212 S20 E62 038BCC1; standard identification 361449115022901.

Well depth, 1,397 feet.

	1986										1987				
DAY	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	
1	--	88.78	89.45	98.46	101.46	98.78	96.56	94.18	92.26	90.74	89.72	88.94	88.36	88.15	
2	--	88.92	90.00	98.78	100.96	99.05	96.46	94.11	92.18	90.72	89.66	88.95	88.34	88.11	
3	--	88.96	90.44	98.89	100.59	99.16	96.40	94.04	92.14	90.67	89.67	88.98	88.24	88.13	
4	--	89.06	90.62	98.67	101.09	99.16	96.30	94.00	--	90.72	89.69	88.96	88.25	--	
5	--	88.93	91.45	98.30	101.31	99.16	96.19	93.90	91.93	90.73	89.70	88.90	88.28	--	
6	--	88.84	92.09	98.16	101.31	98.81	96.10	93.81	91.88	90.77	89.72	88.85	88.38	--	
7	--	88.81	92.23	98.35	100.87	98.63	95.98	93.77	91.85	90.75	89.65	88.80	88.40	--	
8	--	88.76	92.20	98.85	100.73	98.47	95.89	93.78	91.84	90.74	89.57	88.78	88.52	--	
9	88.71	88.74	92.63	99.21	100.70	98.37	96.08	93.73	91.79	90.71	89.57	88.86	88.60	--	
10	88.68	88.66	93.18	99.51	100.14	98.49	96.06	93.65	91.76	90.64	89.44	88.86	88.55	--	
11	88.67	88.63	93.75	99.53	100.53	98.64	95.89	93.58	--	90.61	89.47	88.83	88.39	--	
12	88.62	88.65	94.02	99.88	100.15	98.73	95.81	93.50	--	90.54	89.46	88.78	88.41	--	
13	88.71	88.87	94.29	100.16	99.97	98.46	95.73	93.40	91.58	90.49	89.37	88.70	88.40	--	
14	88.70	88.91	94.50	100.39	100.18	98.30	95.60	93.35	91.52	90.44	89.35	88.62	88.33	--	
15	88.61	88.85	94.43	100.58	99.80	98.15	95.51	93.30	91.51	90.34	89.27	88.56	88.37	--	
16	88.67	88.86	94.68	100.72	99.23	98.02	95.41	93.22	91.45	90.31	89.29	88.58	88.32	--	
17	88.78	88.86	95.19	100.86	99.12	97.94	95.26	92.96	91.40	90.32	89.27	88.60	88.19	--	
18	88.78	88.74	95.57	101.00	100.06	97.77	95.15	92.81	91.39	90.28	89.23	88.52	88.11	--	
19	88.79	88.66	95.96	101.14	100.66	97.63	95.06	92.80	91.31	90.20	89.30	88.50	88.19	--	
20	88.70	88.84	96.37	101.30	100.20	97.52	94.99	92.97	91.27	90.22	89.31	88.60	88.19	--	
21	88.63	89.13	96.51	101.04	99.64	97.45	94.86	92.95	91.29	90.17	89.25	88.61	88.14	--	
22	88.74	89.69	96.85	100.41	99.36	97.41	95.07	92.89	91.25	90.07	89.19	88.58	88.06	--	
23	88.76	89.63	97.08	100.29	99.16	97.26	95.13	92.85	91.18	89.99	89.04	88.60	88.19	--	
24	88.72	89.57	97.44	100.66	99.02	97.09	94.98	92.72	91.12	90.00	89.06	88.55	88.21	--	
25	88.67	89.42	97.71	100.94	99.12	96.99	94.84	92.62	91.08	90.01	89.05	88.54	88.15	--	
26	88.69	89.30	97.94	101.14	99.57	96.92	94.71	92.59	91.05	89.94	89.02	88.53	88.12	--	
27	88.68	89.21	98.22	101.31	99.87	96.83	94.60	92.53	90.98	89.85	89.05	88.50	88.06	--	
28	88.59	89.31	98.47	101.42	99.77	96.72	94.50	92.42	90.97	89.78	89.03	88.47	88.03	--	
29	88.56	--	98.13	101.63	99.72	96.93	94.41	92.31	90.95	89.78	--	88.47	88.22	--	
30	88.55	89.39	97.94	101.80	99.33	96.75	94.28	92.34	90.88	89.72	--	88.46	88.24	--	
31	--	89.37	--	101.84	99.00	--	94.22	--	90.80	89.70	--	88.39	--	--	
MEAN	--	--	94.6	100	100	98.0	95.4	93.2	--	90.3	89.4	88.7	88.3	--	
MAX	--	--	98.47	101.84	101.46	99.16	96.56	94.18	--	90.77	89.72	88.98	88.60	--	
MIN	--	--	89.45	98.16	99.00	96.72	94.22	92.31	--	89.70	89.02	88.39	88.03	--	

TABLE 3.--Daily mean water levels for three wells equipped with recorders--Continued

[--, no data available; water levels are in feet below land surface.]

Site 16: Local identification 212 S21 E61 27DDBC1; standard identification 360518115082401.

Well depth, 1,200 feet.

DAY	1986									1987			
	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.
1	--	23.51	26.74	28.86	29.89	30.44	29.16	27.23	25.22	23.07	21.59	--	--
2	--	23.62	26.75	28.91	29.97	30.41	29.03	27.17	25.13	23.06	21.55	--	--
3	--	23.72	26.74	28.99	30.05	30.42	28.97	27.10	25.11	23.00	21.51	--	--
4	--	23.81	26.77	29.04	--	30.47	28.90	27.10	25.07	22.92	21.54	--	22.07
5	--	23.94	26.86	29.16	30.37	30.48	28.83	27.04	24.97	22.82	21.58	--	22.12
6	--	23.99	26.94	29.31	30.49	30.48	28.78	26.93	24.91	22.84	21.59	--	22.18
7	--	24.05	27.01	29.43	30.51	30.52	28.76	26.89	24.80	22.75	21.59	--	22.21
8	--	24.17	27.07	29.52	30.54	30.53	28.69	26.90	24.73	22.73	21.56	--	22.28
9	22.21	24.31	27.17	29.58	30.63	30.46	28.64	26.86	24.67	22.70	21.56	--	22.34
10	22.19	24.36	27.31	29.68	30.68	30.49	28.54	26.82	24.61	22.60	21.56	--	22.38
11	22.23	24.48	27.43	29.72	30.65	30.53	28.40	26.78	24.52	22.50	21.58	--	22.42
12	22.27	24.66	27.54	29.78	30.59	30.50	28.37	26.70	24.45	22.40	21.62	--	22.45
13	22.31	24.82	27.58	29.89	30.53	30.52	28.31	26.63	24.36	22.27	21.58	--	22.61
14	22.36	24.93	27.63	29.95	30.58	30.49	28.24	26.56	24.27	22.19	21.64	--	22.73
15	22.34	25.03	27.69	29.91	30.58	30.48	28.12	26.55	24.21	22.05	21.62	--	22.82
16	22.34	25.22	27.79	29.86	30.61	30.44	28.05	26.49	24.14	22.06	21.71	--	22.87
17	22.35	25.46	27.91	29.93	30.71	30.32	27.97	26.42	24.05	22.11	21.74	--	22.89
18	22.45	25.56	27.97	30.00	30.76	30.22	27.92	26.30	23.98	22.12	21.70	--	22.87
19	22.60	25.62	28.03	30.09	30.76	30.14	27.88	26.20	23.89	22.05	21.73	--	22.91
20	22.75	25.65	--	30.13	30.81	30.13	27.84	26.11	23.79	22.06	21.76	--	23.05
21	22.76	25.67	28.23	30.00	30.80	30.14	27.76	25.95	23.77	21.98	21.77	--	23.14
22	22.77	25.65	28.32	29.91	30.88	30.12	27.63	25.89	23.70	21.89	21.80	--	23.19
23	22.80	25.66	28.42	29.81	30.94	29.98	27.57	25.83	23.60	21.76	21.69	--	--
24	22.86	25.82	28.39	29.70	30.92	29.82	27.52	25.71	23.52	21.81	21.72	--	--
25	22.90	25.92	28.41	29.51	30.88	29.73	27.49	25.57	23.46	21.84	--	--	--
26	23.04	26.04	28.49	29.48	30.80	29.68	27.44	25.54	23.42	21.80	--	--	--
27	23.15	26.16	28.54	29.50	30.69	29.63	27.41	25.50	23.34	21.70	--	--	--
28	23.20	26.34	28.61	29.57	30.51	29.54	27.43	25.40	23.32	21.60	--	--	--
29	23.27	26.54	28.68	29.63	30.42	29.48	27.34	25.27	23.31	21.60	--	--	--
30	23.39	26.68	28.75	29.72	30.38	29.37	27.26	25.28	23.24	21.56	--	--	--
31	--	26.77	--	29.84	30.39	--	27.21	--	23.14	21.56	--	--	--
MEAN	--	25.1	--	29.6	--	30.2	28.1	26.4	24.2	22.2	--	--	--
MAX	--	26.77	--	30.13	--	30.53	29.16	27.23	25.22	23.07	--	--	--
MIN	--	23.51	--	28.86	--	29.37	27.21	25.27	23.14	21.56	--	--	--

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