

TABLE 2.--Records of water levels at selected wells, 1977-84

[Location of wells shown on plate 1. All water levels measured with steel tape. Abbreviations used: DIAM, diameter; LSD, land surface datum. Site status (entered under "water level"): D, dry well; F, flowing well; N, nonrecording gage; O, obstruction in well; R, recently gaged; P, well pumping; S, nearby pumping wells; W, well destroyed]

WELL 24S/38E-16J2 (NORTH OF AREA SHOWN ON PLATE 1) ABOUT 7 MI SOUTH OF LITTLE LAKE. DRILLED INDUSTRIAL WELL. DIAM 12.75 IN, DEPTH 611 FT, PERFORATED 251-611 FT. ALTITUDE OF LSD 2585 FT. RECORDS AVAILABLE 1972, 1981 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 316.46 FEET BELOW LAND SURFACE DATUM NOV 18, 1981.
 LOWEST WATER LEVEL 330.00 FEET BELOW LAND SURFACE DATUM MAY 23, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL
NOV 18, 1981	316.46

WELL 24S/38E-33J2 ABOUT 11 MI NORTH OF INYOKERN ON HWY 395. DRILLED COMMERCIAL WELL. DIAM 8.62 IN, DEPTH 375 FT, PERFORATED 240-375 FT. ALTITUDE OF LSD 2480 FT. RECORDS AVAILABLE 1969, 1972, 1981 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 259.88 FEET BELOW LAND SURFACE DATUM AUG 03, 1972.
 LOWEST WATER LEVEL 268.21 FEET BELOW LAND SURFACE DATUM JUN 15, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19, 1981	267.30	JUN 15, 1982	268.21

WELL 24S/39E-33N1 ABOUT 11 MI NORTH OF RIDGECREST. DUG UNUSED WATER-TABLE WELL. DIAM 10 IN, DEPTH 163 FT IN 1946, 161.9 FT IN 1952, 161.4 FT IN 1972. ALTITUDE OF LSD 2254.5 FT. RECORDS AVAILABLE 1920, 1946, 1952-54, 1959, 1961-66, 1968-79, 1981 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 58.86 FEET BELOW LAND SURFACE DATUM MAR 16, 1954.
 LOWEST WATER LEVEL 63.00 FEET BELOW LAND SURFACE DATUM JUN 23, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
DEC 01, 1977	61.57	DEC 15, 1979	62.05	NOV 17, 1981	62.75	JUN 23, 1982	63.00
DEC 02, 1978	61.74						

WELL 24S/40E-32H1 AT CHINA LAKE NAVAL WEAPONS CENTER ABOUT 10.5 MI NORTH OF MAIN GATE. DRILLED UNUSED WATER-TABLE WELL. DIAM 6 IN, DEPTH 111.5 FT IN 1953. ALTITUDE OF LSD 2178.8 FT. RECORDS AVAILABLE 1953-54, 1959, 1961-62, 1964-67, 1969, 1971 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 3.22 FEET BELOW LAND SURFACE DATUM APR 19, 1984.
 LOWEST WATER LEVEL 5.31 FEET BELOW LAND SURFACE DATUM OCT 30, 1961.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
DEC 17, 1977	5.05	DEC 15, 1979	4.80	JUN 09, 1982	4.27	APR 19, 1984	3.22
DEC 03, 1978	3.75	NOV 19, 1981	4.59	DEC 15	4.82		

WELL 24S/40E-33E1 AT CHINA LAKE NAVAL WEAPONS CENTER. DRILLED OBSERVATION WATER-TABLE WELL. DIAM 1.25 IN, DEPTH 160.8 FT IN 1953. ALTITUDE OF LSD 2178 FT. RECORDS AVAILABLE 1953-54, 1959, 1965-67, 1969, 1971 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 1.50 FEET ABOVE LAND SURFACE DATUM SEP 15, 1969.
 LOWEST WATER LEVEL 0.16 FEET ABOVE LAND SURFACE DATUM OCT 15, 1975.

WATER LEVELS IN FEET ABOVE LAND SURFACE DATUM.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17, 1977	0.62	DEC 03, 1978	0.70	DEC 15, 1979	W

TABLE 3.--Chemical analyses of water from selected wells, 1977-84--Continued

Well	Date	Lead, dis-solved (ug/L as Pb)	Lithium, dis-solved (ug/L as Li)	Manga-nese, total recov-erable (ug/L as Mn)	Manga-nese, dis-solved (ug/L as Mn)	Mercury, dis-solved (ug/L as Hg)	Nickel, dis-solved (ug/L as Ni)	Stron-tium, dis-solved (ug/L as Sr)	Vana-dium, dis-solved (ug/L as V)	Zinc, dis-solved (ug/L as Zn)	Phenols, total (ug/L)	Methy-lene blue active substance (mg/L)
26S/39E-24P1	79-05-04	--	--	<2	--	--	--	--	--	--	--	0.09
26S/40E-1A2	82-06-09	--	--	--	10	--	--	--	--	--	--	--
26S/40E-1J1	78-06-22	--	--	--	--	--	--	--	--	--	--	--
	79-05-16	--	--	--	--	--	--	--	--	--	--	--
	80-05-21	--	--	--	--	--	--	--	--	--	--	--
	82-06-10	--	--	--	100	--	--	--	--	--	--	--
26S/40E-1Q1	78-06-22	--	--	--	--	--	--	--	--	--	--	--
	79-05-16	--	--	--	--	--	--	--	--	--	--	--
	80-05-20	--	--	--	--	--	--	--	--	--	--	--
26S/40E-1Q2	78-06-22	--	--	--	--	--	--	--	--	--	--	--
	79-05-15	--	--	--	--	--	--	--	--	--	--	--
	80-05-20	--	--	--	--	--	--	--	--	--	--	--
	82-06-11	--	--	--	260	--	--	--	--	--	--	--
26S/40E-5P1	78-07-31	--	--	23	--	--	--	--	--	--	--	.05
	80-03-29	--	--	16	--	--	--	--	--	--	--	.08
26S/40E-10F1	78-06-22	--	--	--	--	--	--	--	--	--	--	--
	79-06-05	--	--	--	--	--	--	--	--	--	--	--
	80-05-20	--	--	--	--	--	--	--	--	--	--	--
	82-06-09	--	--	--	440	--	--	--	--	--	--	--
26S/40E-11J1	78-06-22	--	--	--	--	--	--	--	--	--	--	--
	80-05-28	--	--	--	--	--	--	--	--	--	--	--
26S/40E-11J3	84-08-09	<100	1800	--	15	--	13000	--	<60	93	--	--
26S/40E-11N2	84-08-09	<10	200	--	16	--	900	--	15	17	--	--
26S/40E-12A1	78-06-29	--	--	--	1100	--	--	--	--	--	--	--
	79-05-17	--	--	--	--	--	--	--	--	--	--	--
	80-05-21	--	--	--	--	--	--	--	--	--	--	--
26S/40E-12G1	78-06-29	--	--	--	1200	--	--	--	--	--	--	--
	79-05-15	--	--	--	--	--	--	--	--	--	--	--
	80-05-27	--	--	--	--	--	--	--	--	--	--	--
	82-06-11	--	--	--	2000	--	--	--	--	--	--	--
26S/40E-12Q1	78-06-29	--	--	--	<10	--	--	--	--	--	--	--
	79-05-15	--	--	--	--	--	--	--	--	--	--	--
	80-05-27	--	--	--	--	--	--	--	--	--	--	--
26S/40E-12R1	78-06-29	--	--	--	20	--	--	--	--	--	--	--
	79-06-06	--	--	--	--	--	--	--	--	--	--	--
	80-05-27	--	--	--	--	--	--	--	--	--	--	--
26S/40E-13C1	78-06-29	--	--	--	110	--	--	--	--	--	--	--
	79-06-06	--	--	--	--	--	--	--	--	--	--	--
	80-05-21	--	--	--	--	--	--	--	--	--	--	--
	82-06-11	--	--	--	230	--	--	--	--	--	--	--
26S/40E-13M1	78-06-23	--	--	--	--	--	--	--	--	--	--	--
	80-05-21	--	--	--	--	--	--	--	--	--	--	--
26S/40E-14B1	78-06-20	--	--	--	--	--	--	--	--	--	--	--
	79-05-15	--	--	--	--	--	--	--	--	--	--	--
	80-04-15	0	--	--	--	0.6	2	--	--	160	2	--
	80-05-20	--	--	--	--	--	--	--	--	--	--	--
	82-06-09	--	--	--	30	--	--	--	--	--	--	--
	84-08-06	--	--	--	20	--	--	--	--	--	--	--
26S/40E-14L1	78-06-20	--	--	--	--	--	--	--	--	--	--	--
	79-05-15	--	--	--	--	--	--	--	--	--	--	--
	80-04-15	4	--	--	--	.6	2	--	--	270	2	--
	80-05-20	--	--	--	--	--	--	--	--	--	--	--
	84-08-09	<30	510	--	43	--	3200	--	<18	41	--	--
26S/40E-15E1	78-06-20	--	--	--	--	--	--	--	--	--	--	--
	79-05-31	--	--	--	--	--	--	--	--	--	--	--
	80-04-15	0	--	--	--	.8	0	--	--	8	2	--
	80-05-22	--	--	--	--	--	--	--	--	--	--	--
	82-06-10	--	--	--	26	--	--	--	--	--	--	--

TABLE 3.--Chemical analyses of water from selected wells, 1977-84--Continued

Well	Date	Time	Depth of well, Total (ft)	Specific conductance (µS/cm)	pH (standard units)	Temperature (°C)	Hardness (mg/L as CaCO ₃)	Hardness, noncarbonate (mg/L as CaCO ₃)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	
26S/40E-15E2	78-06-20	1110	---	6800	9.0	23.5	60	0	2.4	13	1700	
	79-05-31	1500	---	---	---	---	5	0	---	---	---	
	80-05-22	1325	---	5500	8.6	23.0	40	---	3.0	8.0	1800	
	78-06-21	1415	---	1990	8.2	26.0	23	0	4.2	3.0	490	
	79-05-31	1550	---	1800	8.2	25.0	20	0	4.7	1.9	490	
26S/40E-15N1	80-04-15	1340	---	2000	8.5	25.5	---	---	---	---	---	
	80-05-22	1450	---	1850	8.2	24.5	16	0	3.0	2.0	500	
	26S/40E-15N2	82-06-14	1600	---	1380	8.8	25.0	110	0	34	5.6	270
	84-08-11	---	---	4220	8.2	23.0	---	---	---	---	---	
	26S/40E-17J1	84-08-07	---	97	436	7.9	22.5	99	0	30	5.7	43
26S/40E-17R1	84-08-07	---	101	478	7.8	22.5	120	0	37	6.5	45	
26S/40E-19P1	80-03-29	---	259	440	9.2	---	7	0	2.0	.5	83	
26S/40E-21A1	84-08-08	---	99	770	8.2	24.0	28	0	6.8	2.6	190	
26S/40E-21E1	84-08-07	---	114	350	8.2	25.0	37	0	11	2.3	53	
26S/40E-22B1	84-08-09	---	63	5850	7.9	23.0	830	520	100	140	1300	
26S/40E-22H1	78-06-19	1345	49	5900	7.2	26.0	2000	1900	300	310	700	
26S/40E-22H2	79-05-15	0800	49	5760	7.2	23.0	2000	1800	310	290	600	
	80-04-15	1045	49	5200	7.1	25.0	---	---	---	---	---	
	80-05-20	0715	49	5320	6.9	23.0	2000	1800	350	270	580	
	82-06-08	1630	49	5140	7.3	25.0	2400	2300	510	280	620	
	84-08-08	---	49	3940	7.3	23.5	2300	2200	490	260	560	
	78-06-19	1440	77	13200	7.2	25.0	3800	3500	140	830	2600	
	79-05-15	0845	77	14100	7.4	23.5	300	30	120	---	2600	
80-05-20	0745	77	13400	7.1	23.5	4200	4000	430	770	2500		
82-06-08	1700	77	12700	7.3	25.0	5000	4700	500	910	2500		
83-10-31	---	77	---	---	---	3900	3700	360	730	2300		
26S/40E-22H3	78-06-19	1525	97	6800	7.8	25.0	1700	1400	250	250	990	
79-05-15	0940	97	5500	7.7	24.0	1900	1600	210	330	1000		
80-05-20	0805	97	8160	7.4	24.0	2200	1900	190	420	1300		
82-06-08	1715	97	6430	7.7	25.0	2600	2400	400	400	1100		
84-08-07	---	97	---	---	---	1000	830	170	150	440		
84-08-09	---	97	4290	7.7	24.0	1900	1600	280	280	880		
26S/40E-22J1	83-10-31	---	71	---	---	---	---	1100	880	190	430	
84-08-08	---	71	3160	7.4	25.0	1000	830	170	150	440		
26S/40E-22K1	83-10-31	---	52	---	---	520	220	90	72	230		
84-08-08	---	52	1930	7.4	24.0	540	220	110	65	250		
26S/40E-22N1	78-06-20	0900	---	1410	7.9	23.0	480	300	98	56	130	
79-05-31	1650	---	1480	7.9	25.5	530	360	110	61	130		
80-04-15	1530	---	1650	7.9	24.5	---	---	---	---	---		
80-05-23	0900	---	1400	7.7	22.0	560	360	110	70	1100		
26S/40E-22P1	78-06-22	1015	830	1620	9.0	29.5	8	0	2.5	.4	370	
79-05-17	1530	830	1380	9.0	29.0	6	0	2.1	.3	340		
80-05-28	1030	830	1600	8.6	27.0	12	0	2.9	1.2	430		
26S/40E-22P2	83-10-31	---	75	---	---	---	---	430	280	92	150	
84-08-08	---	75	1430	7.5	24.0	470	320	98	53	160		
26S/40E-22P3	84-08-08	---	---	2160	8.8	27.0	7	0	1.7	.6	540	
26S/40E-22P4	84-08-09	---	---	1100	7.7	26.0	320	230	91	23	100	
26S/40E-23A1	78-06-19	1620	52	3600	7.6	24.0	190	0	48	16	700	
79-05-17	1230	52	3000	7.6	25.0	180	0	50	13	700		
80-04-15	0800	52	3600	7.9	24.0	---	---	---	---	---		
80-05-21	1300	52	3600	7.8	24.5	230	0	62	18	800		
82-06-10	1100	52	5060	7.9	24.5	490	130	130	41	1100		
26S/40E-23A2	78-06-19	1650	77	2250	7.9	23.5	58	0	14	5.6	440	
79-05-17	1305	77	2000	8.0	25.5	79	0	21	6.5	410		
80-05-21	1315	77	2000	8.2	24.5	---	---	---	---	---		
82-06-10	1130	77	2120	8.2	24.0	63	0	16	5.6	420		

TABLE 1.--Water-level monitoring wells, number and frequency of measurements, and date of most recent measurement, 1977-84

[Frequency of measurement: A, annual; C, continuous; I, intermittent; O, once only; S, semiannual]

Well number (pl. 1)	Number of measurements	Frequency of measurements	Date of most recent measurement	Well number (pl. 1)	Number of measurements	Frequency of measurements	Date of most recent measurement
24S/38E-16J2	1	O	11-18-81	26S/40E-1A2	5	A	06-09-82
-33J2	2	I	06-15-82	-1J1	11	S	04-19-84
24S/39E-33N1	5	A	06-23-82	-1Q1	11	S	04-19-84
24S/40E-32H1	7	A	04-19-84	-1Q2	11	S	04-19-84
-33E1	3	A	12-15-79	-5P1	5	A	04-18-84
-33N1	5	A	04-19-84	-6E1	2	I	12-05-78
-34E1	7	A	04-19-84	-10F1	12	S	04-17-84
-36M1	3	A	12-15-79	-11J1	11	A	04-17-84
25S/38E-11K1	6	A	01-17-84	-12A1	11	S	04-19-84
-13D1	4	A	07-27-81	-12G1	11	S	04-19-84
-13L1	5	A	11-19-81	-12Q1	12	S	04-17-84
-23G1	5	A	11-19-81	-12R1	12	S	04-17-84
-24C1	2	I	12-05-78	-13C1	13	S	08-06-84
-25L1	5	A	06-10-82	-13M1	11	S	04-16-84
-35B1	5	A	06-10-82	-14B1	14	S	08-06-84
25S/39E-2E1	4	A	11-17-81	-14L1	13	S	08-09-84
-4R1	5	A	06-09-82	-15E1	14	S	04-17-84
-11N1	5	A	11-17-81	-15E2	12	S	04-17-84
-12R1	5	A	05-02-84	-15N1	12	S	04-17-84
-17D1	1	O	11-19-81	-15N2	6	S	08-08-84
-21D1	4	A	11-19-81	-17N1	8	S	04-17-84
-22J1	4	A	11-17-81	-18E1	7	A	04-17-84
-26H1	6	A	06-09-82	-18N1	7	A	04-17-84
-28P1	4	A	11-18-81	-19N1	2	I	12-11-79
-28R1	3	A	12-15-79	-19P1	5	A	11-17-81
-29M1	4	A	11-19-81	-20N1	5	A	11-17-81
-31E1	4	A	11-19-81	-22H1	14	S	08-08-84
-35N1	5	A	11-17-81	-22H2	13	S	08-08-84
25S/40E-8A1	9	S	06-09-82	-22H3	12	S	04-17-84
-11K1	8	A	04-19-84	-22N1	10	S	01-06-82
-12Q1	6	A	12-15-82	-22P1	9	S	12-16-82
-18R1	9	S	05-02-84	-22P3	444	C	12-31-84
-19L1	5	A	05-02-84	-22P4	320	C	12-31-84
-20F1	9	S	05-02-84	-23A1	13	S	04-17-84
-27E1	5	A	11-19-81	-23A2	12	S	04-17-84
-33L1	8	S	06-09-82	-23C1	9	A	04-17-84
-33L2	8	S	06-09-82	-23D1	203	C	12-11-84
-35P1	5	A	11-19-81	-23D2	355	C	12-31-84
25S/41E-19L1	6	A	04-19-84	-23J1	7	A	04-17-84
-28B1	8	A	04-19-84	-24C1	12	A	04-16-84
-31C1	2	I	12-03-78	-24M1	7	A	04-16-84
26S/38E-26G1	3	A	11-18-81	-26F1	8	A	09-07-83
-35B1	3	A	11-18-81	-28J1	8	S	06-11-82
26S/39E-2C1	4	A	01-21-81	-30K1	4	A	01-06-82
-2N1	6	A	12-15-82	-30K2	4	A	11-19-81
-5F1	5	A	06-09-82	-32D1	4	A	11-17-81
-7N1	5	A	06-10-82	-33P4	4	A	11-19-81
-8K1	6	A	12-16-82	-34N1	5	A	07-27-81
-11E1	8	S	04-17-84	-35Q2	7	A	04-19-84
-12G1	7	A	12-14-82	-36A1	12	S	04-19-84
-14E1	7	A	12-15-82	26S/41E-7D1	10	S	04-19-84
-19Q1	4	A	12-03-81	-7E1	10	S	04-19-84
-19Q2	4	A	07-27-81	-7G1	11	S	04-19-84
-23E1	2	I	12-03-78	27S/38E-1M1	7	A	12-15-82
-24K1	8	S	09-08-83	27S/39E-2B1	6	A	06-10-82
-24M1	3	A	11-19-81	-7R1	5	A	09-08-83
-24Q1	4	A	07-27-81	27S/40E-1K1	7	A	04-19-84
-24R1	5	A	11-17-81	-2J1	8	A	04-19-84
-25D1	4	A	11-19-81	-3R1	11	S	04-19-84
-25E1	2	I	07-27-81	-4A1	6	A	06-10-82
-26C1	5	A	11-18-81	-4C2	4	A	11-19-81
-28B6	6	S	11-18-81	-7M1	4	A	11-18-81
-28C2	1	O	07-27-81	-8C1	2	I	11-18-81
-30C1	4	A	11-18-81	-10R1	8	S	11-17-81
-30F1	6	A	06-09-82	-15D1	8	A	04-19-84
				-15L1	6	A	04-19-84