

# Ground-Water Levels in the United States 1961-65

Northwestern States

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GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1845

*Prepared in cooperation with the States  
of Alaska, Colorado, Idaho, Montana,  
Oregon, Utah, Washington, and  
Wyoming, and with other agencies*



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*Prepared under the direction of C. L. McGUINNESS, Chief, Ground Water Branch*

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**UNITED STATES DEPARTMENT OF THE INTERIOR**

**STEWART L. UDALL, *Secretary***

**GEOLOGICAL SURVEY**

**William T. Pecora, *Director***

## PREFACE

This report was prepared by the Geological Survey in cooperation with the States of Alaska, Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming, and with other agencies, by personnel of the Water Resources Division under the direction of:

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## GROUND-WATER LEVELS IN THE UNITED STATES 1961-65

## NORTHWESTERN STATES

## INTRODUCTION

By C. L. McGuinness

Publication of records of water levels in the United States in the annual series of water-supply papers was begun by the Geological Survey in 1935. From 1935 through 1939, 5 volumes were issued as Water-Supply Papers 777, 817, 840, 845, and 886. From 1940 through 1955, 6 volumes, each for a separate section of the United States as shown in figure 1, were published annually.

Beginning in 1956, only water-level data from a basic network of observation wells has been published. This basic network provides observation wells so located that the most significant data are obtained from the fewest wells in the most important aquifers. In some States the basic network forms the skeletal index of a more comprehensive observation-well program. Publications that contain substantial additional water-level data are listed at the end of each State report in this volume. The following table gives the number of water-supply papers by year and section.

Year	North-eastern (1)	South-eastern (2)	North-central (3)	South-central (4)	North-western (5)	South-western (6)
1940	906	907	908	909	910	911
1941	936	937	938	939	940	941
1942	944	945	946	947	948	949
1943	986	987	988	989	990	991
1944	1016	1017	1018	1019	1020	1021
1945	1023	1024	1025	1026	1027	1028
1946	1071	1072	1073	1074	1075	1076
1947	1096	1097	1098	1099	1100	1101
1948	1126	1127	1128	1129	1130	1131
1949	1156	1157	1158	1159	1160	1161
1950	1165	1166	1167	1168	1169	1170
1951	1191	1192	1193	1194	1195	1196
1952	1221	1222	1223	1224	1225	1226
1953	1265	1266	1267	1268	1269	1270
1954	1321	1322	1323	1324	1325	1326
1955	1404	1405	1406	1407	1408	1409
1956	.....	.....	1456	.....	.....	.....
1956-57	1537	.....	.....	.....	.....	.....
1956-58	.....	1538	.....	.....	.....	.....
1956-59	.....	.....	.....	1549	.....	.....
1956-60	.....	.....	.....	.....	1760	1770
1957-61	.....	.....	1781	.....	.....	.....
1958-62	1782	.....	.....	.....	.....	.....
1959-63	.....	1803	.....	.....	.....	.....
1960-64	.....	.....	.....	1824	.....	.....
1961-65	.....	.....	.....	.....	1845	1855

Each well is identified by means of (1) a local number that is provided for continuity with older reports and for other use as dictated by local needs, and (2) a code number that is based on the universal system of latitude and longitude. The latter number serves not only to identify the well but also to locate it as a point on a map. For maximum utility, latitude and longitude code numbers are determined to seconds in order that each well may have a unique number.

The first six digits represent degrees, minutes, and seconds of latitude; "N" refers to north latitude and is used to break up the string of numbers; the next seven digits are degrees, minutes, and seconds of west longitude; and the number after the decimal point is a sequential number assigned in the order in which the wells are located in a 1-second square quadrangle.

A well spotted on a map may be assigned a precise code number even though the map location may not represent the accurate location of the well on the ground. Judgment as to the accuracy of the well location is indicated as follows:

1. Both field location and map spotting are accurate to nearest second of latitude and longitude: Coordinates to seconds are used but with no underscoring.
2. Not accurate to nearest seconds but accurate to better than 10 seconds of latitude and longitude: Coordinates to the nearest second are used, but 1-second digits are underscored.
3. Accurate to nearest 10 seconds of latitude and longitude: Coordinates to nearest 10 seconds are used, but 10-second digits are underscored.
4. Accurate to nearest minute: Seconds of latitude and longitude are used but digits for minutes are underscored.
5. Where map scales permit determination only to minutes, zeros for seconds of latitude and longitude are used and digits for minutes are underscored.

In the collection of water-level data to serve the objectives of the observation-well program, the problem generally is to measure changes in water level accurately, rather than to determine the absolute position of the water surface. Because the measurements are made in many types of wells, under varying conditions of access and at different temperatures, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the best possible combination of measuring technique and equipment is used, and so long as it is not changed, the measurements at each well will be consistent.

Water-level measurements in this report are given in feet with reference to either mean sea level (msl) or land-surface datum (lsd). Mean sea level is the datum plane on which the national network of precise levels is based; land-surface datum is a precise datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above mean sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. A plus sign (+) is placed before a measurement if the level is above the plane of reference. Measurements of water levels in wells equipped with recording gages are given for every fifth day and the end of each month (eom).

Water levels are reported to as many significant figures as can be justified by the local conditions, and the end use of the information. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, in view of the principal use to which the data are put, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit.

Measurements are made under the direction of the appropriate district supervisors in the several States.

Joy L. Charbonneau was responsible for the compilation and typing of this report.

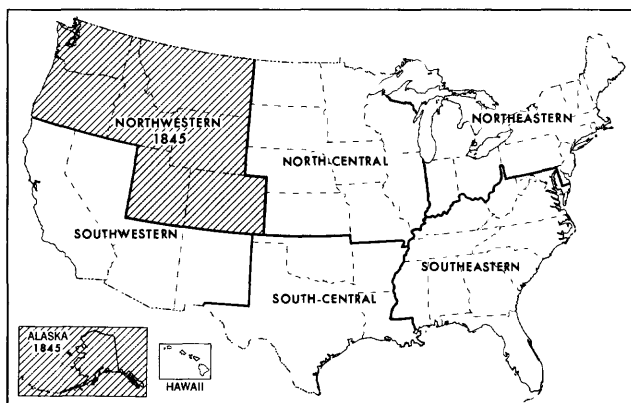


Figure 1.—Outline map of the United States showing States included in this volume.

# ALASKA

The Federal observation-well program in Alaska, begun in 1949, was continued during the period 1961 through 1965. Measurements were made in 10 wells, 2 of which were equipped with recording gages. Water-level measurements in well ED:C-6:8:1 in the Matanuska Valley were made by personnel of the University of Alaska Agricultural Experiment Station. Measurements made in many other wells in the State will be published in project reports. Figure 2 shows the location of observation wells included in this report.

## Well-Numbering System

Each 1:250,000 scale quadrangle in the State has been assigned a two-letter symbol, AA, AB, AC, etc. The quadrangle symbol is the first unit of the well number. Each quadrangle is subdivided into several (between 24 and 32) 1:63,360 scale quadrangles. The tiers of quadrangles are lettered A, B, C, etc., from South to North and 1, 2, 3, 4, etc., from East to West. The quadrangle number is the second unit of the well number, such as A-8, B-2, etc., and is separated from the first unit by a colon. The 1:63,360 scale quadrangles are divided into 9 rectangles of equal area (normally these rectangles will be 5 minutes of latitude by 5 minutes of longitude or 5' by 10'). These are numbered from right to left starting in the upper right-hand corner, the second row numbered in sequence from left to right, and the third row numbered in sequence from right to left. This number is the third unit of the well number and is separated from the second by a colon. Wells in each rectangle are numbered consecutively. This number is the fourth unit of the well number and is separated from the third by a colon.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

### Anchorage Area

611626N1494103.1. Local number ED:B-8:7:1. Formerly Anc 1. U. S. Army. Loop Rd. Fort Richardson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$  (previously reported NE $\frac{1}{4}$ SW $\frac{1}{4}$ ) sec. 30, T. 14 N., R. 2 W. Drilled unused artesian well in shale and sandstone of Tertiary(?) age, diam 10 in, depth 282 ft (previously reported depth 540 ft, cased to 350). Lsd 316 ft (previously reported 320.5 ft) above msl (altimeter Oct. 8, 1964). MP top of plate on casing, 3.50 ft above lsd (since Oct. 8, 1964). Highest water level 154.1 below lsd, June 23, 1962; lowest 171.53 below lsd, June 22, 1965. Records available: 1957-65. Measurement discontinued Nov. 1, 1965.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	155.64	Apr. 5, 1964	167.87	May 28, 1964	170.60	Dec. 31, 1964	170.51
June 28	155.70	9	169.21	June 5	170.36	Feb. 9, 1965	179.48
Oct. 3	155.48	10	169.42	12	170.23	Mar. 23	171.18
Dec. 29	154.98	13	170.07	19	170.09	Apr. 13	171.26
Mar. 29, 1962	154.76	14	170.19	26	169.95	27	171.42
June 25	154.16	17	170.61	July 1	169.95	May 7	171.50
Sept. 26	154.84	21	170.87	Aug. 3	169.55	21	171.47
Mar. 28, 1963	155.06	29	171.00	Sept. 4	169.44	June 22	171.53
Sept. 26	155.08	May 6	171.07	29	169.33	Aug. 24	170.81
Apr. 1, 1964	164.90	8	170.98	Oct. 29	172.21	Sept. 23	170.64
2	165.40	15	170.84	Dec. 2	170.27	Oct. 21	170.79
3	166.82						

† Measurement uncertain.

611429N1494201.1. Local number ED:A-8:1:2. Formerly Anc 18. U.S. Geol. Survey. Fort Richardson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$  (previously reported NE $\frac{1}{4}$ SW $\frac{1}{4}$ ) sec. 6, T. 13 N., R. 2 W. Drilled observation artesian well in sand and gravel of Pleistocene(?) age, diam 6 in, depth 39 ft, perforated 31-39. Lsd 280 ft (previously reported 281.16 ft) above msl (altimeter Oct. 8, 1964). MP top of casing, 1.52 ft above lsd (since Oct. 8, 1964). Highest water level 8.25 below lsd, July 7, 1955; lowest 15.74 below lsd, Mar. 23, 1965. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	13.17	Dec. 30, 1963	13.84	June 19, 1964	12.29	Apr. 27, 1965	15.38
June 28	10.60	Apr. 1, 1964	15.19	Aug. 3	12.80	May 7	14.80
Oct. 3	10.28	2	15.03	Sept. 4	13.29	21	14.49
Dec. 29	11.88	3	14.99	29	13.79	June 22	15.34
Mar. 29, 1962	14.27	5	14.94	Oct. 29	13.65	July 22	11.87
June 25	10.62	9	14.67	Dec. 2	12.30	Aug. 24	11.95
Sept. 26	12.06	10	14.70	31	13.56	Sept. 23	11.22
Dec. 31	12.33	13	14.62	Feb. 9, 1965	14.60	Oct. 21	11.89
Mar. 28, 1963	14.16	14	14.65	Mar. 23	15.74	Nov. 24	11.24
June 14	12.25	29	15.48	Apr. 14	15.09	Dec. 22	12.01
Sept. 26	12.94						

611359N1494603.1. Local number ED:A-8:2:2. Formerly Anc 64. U.S. Geol. Survey. (B. L. M. Fire Control Station). Oilwell Rd. Elmendorf Air Force Base. SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$  (previously reported SE $\frac{1}{4}$ NW $\frac{1}{4}$ ) sec. 11, T. 13 N., R. 3 W. Drilled observation artesian well in sand and gravel of Pleistocene age, diam 8 in, depth 137 ft (previously reported 617 ft), cased to 140, filled with silt to 142. Lsd 207 ft (previously reported 200 ft) above msl (altimeter Oct. 8, 1964). MP top of casing, 2.80 ft above lsd (since Oct. 8, 1964). Highest water level 10.23 below lsd, Aug. 20, 1956; lowest 24.52 below lsd, Mar. 31, 1964. Records available: 1954-65.



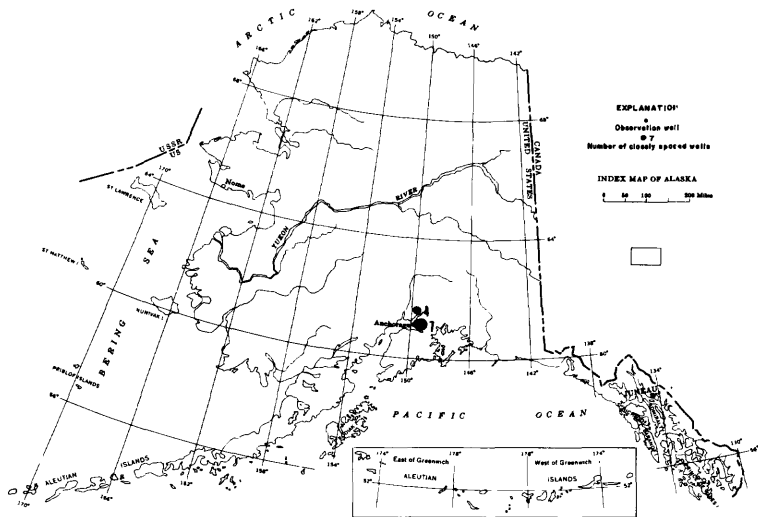


Figure 2. --Location of observation wells in Alaska, 1961-65.

611359N1494603.1--Continued.

Highest water level for the day, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.34	12.91	14.06	16.47	15.33	14.28	12.91	12.62	13.98	12.07	12.54	12.78
10	13.09	13.18	14.49	15.38	15.30	14.35	12.90	12.67	12.96	11.54	12.30	13.16
15	12.77	13.63	13.81	14.79	15.16	13.83	12.83	12.61	12.75	11.44	13.33	13.02
20	13.02	13.66	14.09	14.94	.....	e14.09	12.69	12.74	12.74	12.04	14.19	13.33
25	12.65	13.84	15.29	15.81	15.00	13.49	12.79	12.83	12.75	12.04	14.04	.....
Eom	12.80	.....	14.51	15.26	14.88	13.24	12.66	12.74	12.22	12.18	13.42	.....
1962												
5	12.99	14.53	.....	18.42	15.42	14.10	12.47	12.24	14.61	13.52	14.9 <sup>a</sup>	14.81
10	13.27	14.56	15.67	18.74	15.08	14.13	12.22	12.24	e14.75	13.70	14.59	e14.76
15	13.60	14.96	.....	16.45	14.80	13.48	12.31	12.40	13.58	13.77	14.53	14.72
20	13.76	15.16	e16.15	16.32	14.78	13.15	12.30	12.41	13.20	14.00	14.42	14.35
25	.....	.....	16.38	16.44	14.63	12.55	12.36	12.69	13.27	13.82	14.67	15.17
Eom	14.23	.....	18.12	15.82	14.44	12.52	12.44	13.60	13.30	14.27	14.9 <sup>a</sup>	15.16
1963												
5	15.08	15.60	16.46	17.45	17.84	17.32	14.09	13.67	13.04	13.80	14.4 <sup>a</sup>	14.84
10	15.28	15.93	16.73	17.48	e17.45	16.88	13.65	13.76	13.22	13.72	14.52	15.05
15	15.25	15.97	16.80	e17.43	e17.94	15.87	13.31	13.69	13.25	13.88	14.65	15.26
20	15.24	16.06	16.83	e17.72	e18.32	15.69	13.11	13.43	13.32	13.90	14.72	15.28
25	15.52	16.19	17.08	e17.94	e16.70	15.05	13.03	13.22	13.44	14.12	14.36	15.48
Eom	15.54	16.27	17.25	17.53	16.88	14.60	13.40	13.09	13.45	14.28	14.5 <sup>a</sup>	15.44
1964												
5	15.70	16.80	h17.81	22.50	20.83	21.10	18.34	18.10	18.05	18.46	18.64	18.53
10	15.99	16.97	17.80	21.61	20.84	21.02	18.10	18.04	18.10	18.48	18.78	.....
15	15.90	17.08	18.16	21.58	21.45	20.09	18.06	17.95	18.06	18.86	19.00	.....
20	16.14	17.17	18.22	21.22	21.74	19.13	18.07	18.04	18.17	18.81	18.80	.....
25	16.24	17.09	18.32	20.96	21.26	18.64	18.11	17.90	18.28	18.76	19.15	.....
Eom	16.56	17.11	24.52	20.96	20.78	18.45	18.09	18.00	18.20	18.77	20.68	h19.25
1965												
5	.....	19.95	.....	20.44	20.11	18.80	17.47	16.85	16.54	15.70	15.92	15.57
10	.....	20.11	20.79	20.05	20.16	18.60	17.20	16.88	16.50	15.77	15.65	15.56
15	19.55	h20.02	21.90	20.00	19.66	18.38	17.02	16.60	16.52	15.64	15.51	15.73
20	19.58	.....	21.50	20.81	19.54	18.06	h16.94	16.57	16.31	15.78	15.52	.....
25	19.87	.....	22.24	20.11	19.36	17.90	16.86	16.59	16.24	15.82	15.57	.....
Eom	20.07	.....	20.66	20.18	19.02	17.63	16.89	16.76	15.89	15.72	15.56	.....

e Estimated.

h Tape measurement.

611311N1495102.1. Local number ED:A-8.28. Formerly Anc 114. City of Anchorage. 3d and Concrete Aves., Anchorage. NW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> (previously reported SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>) sec. 17, T. 13 N., R. 3 W. Drilled test artesian well in sand and gravel of Pleistocene age, diam 8 in, depth 157 ft (previously reported 230 ft), slotted 162-182, 190-201. Lsd 131 ft (previously reported 129, 26 ft) above msl (altimeter Oct. 8, 1964). MP top of casing, 2.40 ft above lsd (since Oct. 8, 1964). Highest water level 28.88 below lsd, Nov. 29, 1957; lowest 97.52 below lsd, Nov. 30, 1959. Records available: 1956-65. Fluctuation caused primarily by nearby pumping. Recorder installed Apr. 28, 1961; removed Mar. 7, 1963. Jan. 31, 1961, 41.62; Feb. 28, 40.73; Mar. 29, 56.09; Apr. 27, 83.08.

Highest water level for the day, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	56.80	38.65	42.95	43.25	36.45	.....	.....	48.85
10	.....	.....	.....	.....	47.20	38.00	43.00	43.10	35.80	37.40	48.30	52.40
15	.....	.....	.....	.....	44.55	42.00	43.00	43.10	37.50	39.40	e50.20	49.00
20	.....	.....	.....	.....	44.00	44.15	43.40	43.30	35.60	.....	e41.95	55.29
25	.....	.....	.....	.....	44.56	43.00	43.30	41.44	34.85	.....	43.05	46.95
Eom	h41.62	h40.73	.....	.....	42.30	43.60	43.20	37.85	.....	h44.05	43.20	46.10
1962												
5	45.85	.....	47.05	h92.74	.....	37.90	43.50	43.35	43.10	43.75	42.40	43.30
10	45.70	.....	.....	h52.89	.....	38.10	42.68	43.50	43.04	43.01	42.20	43.60
15	45.61	.....	48.50	.....	.....	42.10	42.48	43.50	43.05	43.10	41.90	43.76
20	45.68	.....	47.85	.....	.....	44.90	e42.42	43.28	42.98	.....	42.12	43.95
25	e45.58	.....	47.05	.....	39.15	45.25	.....	.....	43.20	43.33	42.45	43.28
Eom	45.80	47.92	.....	.....	38.45	44.55	42.35	43.18	43.40	43.65	42.85	42.55
1963												
5	43.66	45.18	50.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	44.15	46.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	44.58	46.63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	46.02	46.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	47.19	46.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	h46.30	h48.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7, 1963	48.39	May 2, 1963	e94.68	Oct. 31, 1963	46.58	Apr. 10, 1964	e99.13
14	54.08	5	59.38	Nov. 26	46.59	13	c101.69
21	e91.25	17	57.63	Dec. 30	44.86	14	c102.02
28	66.68	24	57.08	Feb. 5, 1964	52.28	17	c101.18
Apr. 4	e99.47	31	54.46	27	55.48	21	c100.99
11	e99.08	June 14	51.13	Apr. 2	e99.80	30	c101.43
18	e96.28	July 30	48.54	3	c100.35	May 8	c100.52
25	e93.02	Aug. 29	47.98	5	c102.19	15	e99.32
29	c103.19	Sept. 26	46.88	9	c102.20	June 5	52.88

611311N1495102, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 12, 1964	51.53	Sept. 29, 1964	50.42	Apr. 16, 1965	49.05	Aug. 24, 1965	44.78
19	51.17	Oct. 29	58.38	May 7	51.82	Sept. 23	42.96
26	51.20	Dec. 2	48.22	21	46.33	Oct. 21	43.42
July 1	51.29	31	57.60	June 23	45.24	Nov. 24	42.25
Aug. 3	51.50	Feb. 9, 1965	51.60	July 22	44.87	Dec. 22	43.29
Sept. 4	50.81	Mar. 23	50.39				

c Nearly well being pumped.

e Estimated.

611048N1495503.1. Local number ED:A-8:3:10. Formerly Anc 441. U.S. Geol. Survey. 44th Ave., Spenard. NW $\frac{1}{4}$ NE $\frac{1}{4}$  NW $\frac{1}{4}$  (previously reported NE $\frac{1}{4}$ NW $\frac{1}{4}$ ) sec. 36, T. 13 N., R. 4 W. Jetted observation artesian well in sand and gravel of Pleistocene age, diam 4 in, depth 113 ft (previously reported depth 117 ft, cased to 117). Lsd 99 ft (previously reported 94 ft) above msl (altimeter, Oct. 8, 1964). MP top of plate on casing, 1.80 ft above lsd (since Oct. 8, 1964). Highest water level 4.91 below lsd, Dec. 8, 16, 1952; lowest 15.17 below lsd, Oct. 29, 1964. Records available: 1951-65.

Jan. 31, 1961	6.82	June 14, 1963	9.36	Apr. 30, 1964	11.94	Apr. 18, 1965	10.30
Feb. 28	6.89	Sept. 26	9.32	June 19	10.89	27	10.93
Mar. 29	7.17	Dec. 30	9.76	July 10	10.47	May 7	10.79
Apr. 27	7.42	Apr. 1, 1964	12.54	Aug. 3	10.89	21	10.81
June 28	7.35	2	12.74	Sept. 4	10.81	June 23	10.74
Oct. 4	7.09	3	12.79	29	10.86	July 22	10.77
Dec. 28	6.55	5	12.88	Oct. 29	15.17	Aug. 24	10.96
Mar. 30, 1962	7.46	9	12.86	Dec. 2	10.24	Sept. 23	11.03
June 27	6.90	10	12.79	31	10.04	Oct. 21	10.40
Sept. 26	8.61	13	12.76	Feb. 9, 1965	10.18	Nov. 24	10.84
Dec. 31	9.69	14	12.72	Mar. 23	10.37	Dec. 22	10.89
Mar. 28, 1963	9.58						

611048N1495503.2. Local number ED:A-8:3:9. Formerly Anc 441A. U.S. Geol. Survey. 44th Ave., Spenard. NW $\frac{1}{4}$ NE $\frac{1}{4}$  NW $\frac{1}{4}$  (previously reported NE $\frac{1}{4}$ NW $\frac{1}{4}$ ) sec. 36, T. 13 N., R. 4 W. Jetted observation water-table well in sand and gravel of Pleistocene age, diam 3 in, depth 16 ft (original depth 20 ft), cased to 20, screened 16-20. Lsd 89 ft (previously reported 94 ft) above msl (altimeter, Oct. 8, 1964). MP top of casing, 2.43 ft above lsd (since Oct. 8, 1964). Highest water level 9.94 below lsd, May 21, 1959; lowest 13.04 below lsd, Mar. 10, 1955. Records available: 1951-65.

Jan. 31, 1961	10.93	Dec. 31, 1962	12.14	Sept. 4, 1964	12.37	May 7, 1965	10.73
Feb. 28	11.27	Mar. 28, 1963	11.59	29	12.44	21	10.83
Mar. 29	11.50	June 14	11.04	Oct. 29	11.33	June 23	11.00
Apr. 27	10.90	Sept. 26	11.44	Dec. 2	10.27	July 22	11.17
June 28	10.89	Dec. 30	11.98	31	11.51	Aug. 24	11.50
Oct. 4	10.12	Apr. 30, 1964	11.88	Feb. 9, 1965	11.68	Sept. 23	11.24
Dec. 28	10.93	June 19	12.08	Mar. 23	10.88	Oct. 21	10.58
Mar. 30, 1962	11.55	July 10	12.22	Apr. 18	10.62	Nov. 24	10.89
June 27	10.13	17	12.22	24	10.67	Dec. 22	11.18
Sept. 26	11.79	Aug. 3	12.32				

611001N1495350.1. Local number ED:A-8:3:2. Formerly Anc 590. U.S. Geol. Survey. Campbell Station Rd. NW $\frac{1}{4}$ NE $\frac{1}{4}$  NE $\frac{1}{4}$  (previously reported NE $\frac{1}{4}$ NE $\frac{1}{4}$ ) sec. 1, T. 12 N., R. 4 W. Drilled observation artesian well in sand and gravel of Pleistocene age, diam 8 in, depth 251 ft (previously reported 258 ft), cased to 247. Lsd 115 ft above msl. MP top of casing, 3.45 ft above lsd (since Oct. 8, 1964). Highest water level 8.35 above lsd, Oct. 31, 1957; lowest 22.99 below lsd, Mar. 31, 1964. Records available: 1956-65. Recorder installed Aug. 3, 1961; removed Aug. 10, 1962; re-installed Aug. 27, 1963.

Jan. 31, 1961	-1.98	Mar. 29, 1961	-3.06	May 31, 1963	+1.07	July 31, 1961	+1.55
Feb. 28	3.14	Apr. 27	-5.57	June 28	1.89	Aug. 3	+1.47

Highest water level for the day, above and below lsd, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	....	....	+1.10	+2.40	+4.37	+3.31	+3.11
10	....	....	....	....	....	....	....	1.17	2.90	4.43	2.99	2.58
15	....	....	....	....	....	....	....	1.41	3.25	4.42	3.15	1.93
20	....	....	....	....	....	....	....	1.77	3.45	4.23	3.38	1.53
25	....	....	....	....	....	....	....	1.95	3.74	4.17	3.31	1.18
Eom	....	....	....	....	....	....	....	2.20	4.27	3.52	3.34	1.44

1962

5	+1.38	+0.01	+0.29	-0.15	+0.04	+0.80	+0.25	+1.50	....	....	....	....
10	1.23	-0.04	.33	.43	.42	.73	.77	1.40	....	....	....	....
15	.92	...	.25	.29	.9	.83	1.06	....	....	....	....	....
20	.56	.15	.18	.34	.73	.40	1.36	....	....	....	....	....
25	.30	-.14	.16	.34	.87	+1.4	1.37	....	....	....	....	....
Eom	.26	+0.01	+0.06	-.04	.73	-.08	1.51	....	....	....	....	....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 30, 1962	+0.99	Dec. 31, 1962	+0.93	Mar. 28, 1963	-1.36	June 16, 1963	-3.01
Sept. 26	.33	Jan. 31, 1963	+0.43	Apr. 29	2.68	14	3.57
Oct. 31	.19	Feb. 28	-.66	May 31	3.12	July 30	2.48
Nov. 30	.24						

611001N1495350.1--Continued.

Highest water level for the day, above and below lsd, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	....	....	....	e-1.53	....	-1.4 <sup>1</sup>	-1.92
10	....	....	....	....	....	....	....	....	e1.49	....	1.4 <sup>2</sup>	1.84
15	....	....	....	....	....	....	....	....	1.43	....	1.59	1.51
20	....	....	....	....	....	....	....	....	1.42	-1.65	1.85	1.09
25	....	....	....	....	....	....	....	....	....	1.58	1.65	1.00
Eom	....	....	....	....	....	....	....	-1.58	....	1.41	1.84	.62

1964

5	-0.56	-1.87	-4.30	-20.68	-14.18	-12.43	-10.70	-10.20	-9.11	-7.78	-7.30	-7.24
10	....	2.30	4.26	18.84	13.63	12.32	10.91	10.10	8.81	7.60	10.59	6.82
15	....	2.50	....	17.06	13.00	11.98	10.80	9.75	9.26	7.22	15.73	7.52
20	....	2.89	4.96	15.87	12.53	11.87	11.20	9.57	8.30	7.43	15.14	6.75
25	....	....	4.94	14.97	11.97	11.53	11.00	9.06	8.10	7.32	....	6.68
Eom	2.18	3.48	22.99	14.60	11.86	11.14	10.79	c11.24	7.79	7.86	b8.04	6.92

1965

5	-7.15	-8.11	-9.00	-9.77	-9.45	-9.21	-9.16	-8.70	-9.18	-7.75	-7.70	-7.00
10	7.15	8.23	b9.00	9.66	9.49	9.12	9.19	8.69	8.57	8.16	c12.16	7.18
15	7.87	b8.13	8.82	9.75	9.59	9.26	9.01	8.61	8.08	c8.92	c9.13	6.38
20	8.13	8.22	8.85	c9.42	9.73	9.20	8.68	8.38	8.06	7.68	7.70	5.37
25	8.28	8.10	9.39	9.36	9.58	9.01	8.61	8.60	7.79	7.75	7.01	c8.40
Eom	8.35	8.12	9.69	9.47	9.44	9.03	8.69	8.51	c8.87	7.96	6.93	6.93

c Nearly well being pumped.

e Estimated.

h Tape measurement.

Matanuska Valley Area

613422N1480648.1. Local number ED-C-6:8:1. Formerly MV 185. Glenn M. Woods. Springer Rd. SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 9, T. 17 N., R. 2 E. Drilled unused water-table well in sand and gravel of Pleistocene age, diam 4 in, depth 83 ft, cased to 82, slotted. Lsd 172 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 69.58 below lsd, July 29, 1964; lowest 73.82 below lsd, May 20, 1965. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1961	g71.83	July 21, 1962	g71.33	Jan. 30, 1964	71.37	July 29, 1964	69.58
Feb. 27	g72.00	Aug. 27	g71.08	Feb. 28	71.71	Aug. 28	70.50
Mar. 30	g72.50	Sept. 28	71.21	Mar. 27	71.96	Sept. 28	71.42
Apr. 28	g72.62	Oct. 29	71.56	Apr. 1	71.67	Oct. 27	71.98
May 26	g72.67	Nov. 27	71.62	2	71.96	Nov. 27	71.33
June 30	g72.17	Dec. 27	71.79	6	71.96	Dec. 27	71.42
July 28	g71.62	Jan. 28, 1963	71.62	7	71.00	Jan. 28, 1965	g71.42
Aug. 28	g71.62	Feb. 27	71.92	8	72.08	Feb. 28	g71.46
Sept. 25	g71.79	Mar. 27	71.71	10	71.79	Mar. 29	g71.46
Oct. 30	g72.17	Apr. 29	71.87	13	71.90	Apr. 26	72.66
Nov. 29	g71.92	May 29	71.73	17	72.00	May 20	73.82
Dec. 27	g71.96	June 27	72.40	22	71.69	June 24	71.94
Jan. 29, 1962	g72.17	July 30	72.10	27	71.19	July 23	71.62
Feb. 27	g72.04	Aug. 29	71.21	30	71.17	Aug. 25	71.52
Mar. 29	g72.25	Sept. 27	70.92	May 8	71.08	Sept. 21	71.68
Apr. 27	g71.75	Oct. 31	71.29	10	70.79	Oct. 20	71.86
May 30	g71.96	Nov. 29	71.58	27	70.92	Nov. 23	71.90
June 28	g71.67	Dec. 30	71.67	June 29	70.06	Dec. 23	72.39

g Measured by outside agency or person.

613801N1490758.1. Local number ED-C-6:4:4. Formerly MV 365. Oscar Beylund. Scott Rd. NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$  (previously reported SE $\frac{1}{4}$ NW $\frac{1}{4}$ ) sec. 32, T. 18 N., R. 2 E. Drilled unused artesian well in gravel of Pleistocene age, diam 4 in, depth 79 ft, cased to 78, slotted. Lsd 365 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 24.21 below lsd, May 20, 1965; lowest 33.19 below lsd, Mar. 31, 1964. Records available: 1952-65.

Mar. 30, 1961	27.76	Dec. 31, 1963	26.72	Apr. 9, 1964	g29.62	Mar. 4, 1965	27.74
June 26	28.80	Mar. 24, 1964	27.04	10	g29.39	22	27.52
Oct. 2	29.75	31	33.19	13	g28.98	Apr. 26	28.62
Dec. 26	27.10	Apr. 1	g33.00	16	g28.64	May 20	24.21
Mar. 28, 1962	28.59	2	g32.00	23	28.00	June 24	27.55
June 25	27.64	3	g31.53	29	27.73	July 23	27.56
Sept. 25	26.48	4	g31.53	June 16	27.19	Aug. 25	27.57
Dec. 25	26.49	5	g31.01	30	27.13	Sept. 21	27.31
Mar. 29, 1963	26.73	6	g30.53	July 28	26.69	Oct. 20	26.66
July 8	26.67	7	g30.21	Sept. 26	27.50	Nov. 23	25.25
Sept. 25	26.63	8	g29.89	Dec. 28	27.34	Dec. 23	26.25

g Measured by outside agency or person.

613647N1481429.1. Local number ED-C-6:9:1. Formerly MV 449. Allan Lin. Wasilla-Matanuska Rd. NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 15, T. 17 N., R. 1 E. Drilled unused water-table well in gravel of Pleistocene age, diam 4 in, depth 106 ft, cased to 105 slotted. Lsd 139 ft above msl. MP top of outside casing, 0.50 ft above lsd (since Nov. 30, 1962). Highest water level 53.62 below lsd, Oct. 31, 1963; lowest 77.50 below lsd, Jan. 30, 1964. Records available: 1949-64. Measurement discontinued.

Jan. 25, 1961	g55.42	Dec. 27, 1962	g56.83	Oct. 31, 1963	g53.62	Mar. 27, 1964	g61.75
Feb. 27	g55.08	Jan. 28, 1963	g55.71	Dec. 30	g64.50	May 27	g68.17
Mar. 30	g55.17	Feb. 27	g55.87	Jan. 30, 1964	g77.50	June 29	g61.21
Nov. 30, 1962	57.18	Apr. 29	g56.58	Feb. 28	g72.75	July 29	g60.67
Dec. 20	g56.67	May 29	g54.46				

613405N1492631.1. Local number ED:C-7281. Formerly MV 533. Oscar Tryck. Wasilla. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$  (previously reported NW $\frac{1}{4}$ NW $\frac{1}{4}$ ) sec. 10, T. 17 N., R. 1 W. Dag domestic water-table well in gravel of Pleistocene age, diam 36 in, depth 28 ft, cribbed to 28. Lsd 350 ft above msl. MP top of cribbing, 3.00 ft above lsd. Highest water level 23.17 below lsd, Feb. 28, Mar. 27, 1963; lowest 29.21 below lsd, Mar. 29, 1965. Records available: 1949-55, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	25.71	Apr. 27, 1962	24.42	July 30, 1963	24.65	Oct. 28, 1964	25.58
Feb. 27	25.67	May 31	24.33	Aug. 29	24.37	Nov. 27	25.00
Mar. 30	26.08	June 28	24.79	Sept. 27	24.81	Jan. 28, 1965	28.67
Apr. 27	25.08	July 26	25.17	Oct. 31	24.79	Feb. 26	29.17
May 26	25.37	Aug. 27	24.58	Nov. 29	24.58	Mar. 25	29.21
June 30	25.83	Sept. 28	25.17	Dec. 30	24.83	Apr. 30	28.31
July 28	25.58	Oct. 29	24.71	Jan. 30, 1964	25.60	May 27	28.44
Aug. 28	25.83	Nov. 27	25.17	Feb. 28	25.54	June 28	27.35
Sept. 28	24.92	Dec. 27	25.17	Mar. 27	25.50	July 28	28.42
Oct. 27	24.92	Jan. 28, 1963	24.15	Apr. 1	25.50	Aug. 30	28.35
Nov. 29	25.67	Feb. 28	23.17	May 12	24.83	Sept. 30	27.13
Dec. 28	25.75	Mar. 27	23.17	July 29	25.60	Oct. 30	27.27
Jan. 30, 1962	25.83	Apr. 29	24.33	Aug. 28	25.75	Nov. 30	27.92
Feb. 27	26.25	May 29	24.33	Sept. 28	25.58	Dec. 30	28.35
Mar. 29	25.75	June 27	24.25				

# COLORADO

The observation-well program in Colorado was continued in 1961-65 in cooperation with the Colorado Water Conservation Board and Colorado State University Experiment Station, Civil Engineering Section. During this period, measurements were made in 74 wells, 3 of which were equipped with recording gages. Water levels in certain areas were measured by personnel of the Experiment Station. Figure 3 shows the location of observation wells included in this report.

## Well-Numbering System

Wells are numbered in accordance with the Bureau of Land Management's system of land subdivision. The number shows the location of the well by township, range, section, and position within the section. The first letter indicates the quadrant of the base line and principal meridian: A indicates the northeast quadrant, B the northwest quadrant, and C the southwest quadrant. The first numeral indicates the township, the second indicates the range, and the third indicates the section in which the well is located. Lowercase letters following the section number locate the well within the section. The first letter denotes the 160-acre tract, the second letter the 40-acre tract, and the third letter the 10-acre tract. The letters are assigned to the section in a counter-clockwise direction, beginning with (a) in the northeast quarter of the section. Letters are assigned to each 160-acre tract and each 40-acre tract in the same manner. If more than one well occurs in a 10-acre tract, consecutive numbers beginning with 1 are added to the letters.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

### Adams County

395727N1040717.1. Local number C-1-60-17dce. Carl Sanden. Drilled irrigation water-table well in alluvium, diam 18 in, depth 87 ft, casing information not available. Lsd 4,830.8 ft above msl. MP hole in pumpbase, 1.30 ft above lsd. Highest water level 25.09 below lsd, Nov. 19, 1942; lowest 45.96 below lsd, Nov. 4, 1964. Records available: 1942-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 20, 1961	37.74	Nov. 5, 1962	41.82	Mar. 30, 1964	40.15	Apr. 3, 1965	41.90
Oct. 18	38.85	Mar. 25, 1963	39.20	Nov. 4	45.96	Nov. 1	45.32
Apr. 4, 1962	36.30	Nov. 14	45.89				

395646N1041818.1. Local number C-1-62-22dac. Charles B. Nordloh. Drilled irrigation water-table well in alluvium, diam 18 in, depth 82 ft. Casing information and lsd not available. MP top of casing, 0.80 ft below lsd. Highest water level 44.21 below lsd, Nov. 25, 1949; lowest 55.37 below lsd, Dec. 17, 1956. Records available: 1946-52, 1954-65. For additional information, see Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 10, 1961	54.45	Oct. 13, 1962	53.51	Mar. 31, 1964	52.81	Apr. 30, 1965	51.10
Nov. 2	54.29	Apr. 24, 1963	52.86	Nov. 21	52.80	Dec. 10	51.30
Mar. 30, 1962	53.75	Nov. 11	53.40				

395144N1043725.1. Local number C-2-65-23dab. Box Elder Farms. Drilled irrigation water-table well in alluvium, diam 4 ft, depth 58 ft, cased to 4. Lsd not available. MP top of hole in cast-iron cover, 1.30 ft above lsd. Highest water level 13.79 below lsd, Apr. 21, 1949; lowest 35.60 below lsd, Apr. 21, 1965. Records available: 1933-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 3, 1961	31.42	Nov. 6, 1962	32.14	Mar. 18, 1964	32.73	Apr. 21, 1965	35.60
Nov. 9	30.77	Apr. 12, 1963	32.17	Nov. 25	35.28	Dec. 7	34.40
Mar. 27, 1962	30.35	Nov. 5	33.40				

395124N1045431.1. Local number C-2-67-20ded. Charles Faden (previously reported Fadden). Dug irrigation water-table well in alluvium, diam 10 ft, depth 40 ft. Casing information and lsd not available. MP top of curb, 1.00 ft above lsd. Highest water level 22.95 below lsd, Oct. 28, 1947; lowest 29.09 below lsd, Dec. 1, 1964. Records available: 1936-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 31, 1961	25.53	Nov. 6, 1962	26.73	Nov. 5, 1963	27.51	Dec. 1, 1964	29.09
Nov. 3	24.97	Apr. 12, 1963	26.04	Mar. 18, 1964	26.85	Apr. 21, 1965	27.90
Mar. 26, 1962	24.83						

### Alamosa County

372210N105554.1. Local number A-36-9-13aaa (previously reported 13aa). U.S. Geol. Survey. Jetted observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 3 in, depth 10 ft. Casing information not available. Lsd 7,558.1 ft above msl. MP top of casing, 2.30 ft (previously reported 0.50 ft) above lsd. Highest water level 1.47 below lsd, Apr. 21, 1949; lowest 6.17 below lsd, Jan. 6, 1964. Records available: 1949-64. No measurement made in 1965. For additional information, see Powell (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8, 1961	4.40	Mar. 21, 1962	4.22	Apr. 2, 1963	3.43	Apr. 1, 1964	5.56
July 3	4.75	June 27	4.35	July 5	4.53	July 6	5.11
Aug. 28	5.65	Aug. 28	5.71	Sept. 2	5.63	Oct. 1	5.88
Dec. 28	4.95	Jan. 3, 1963	4.93	Jan. 6, 1964	6.17		

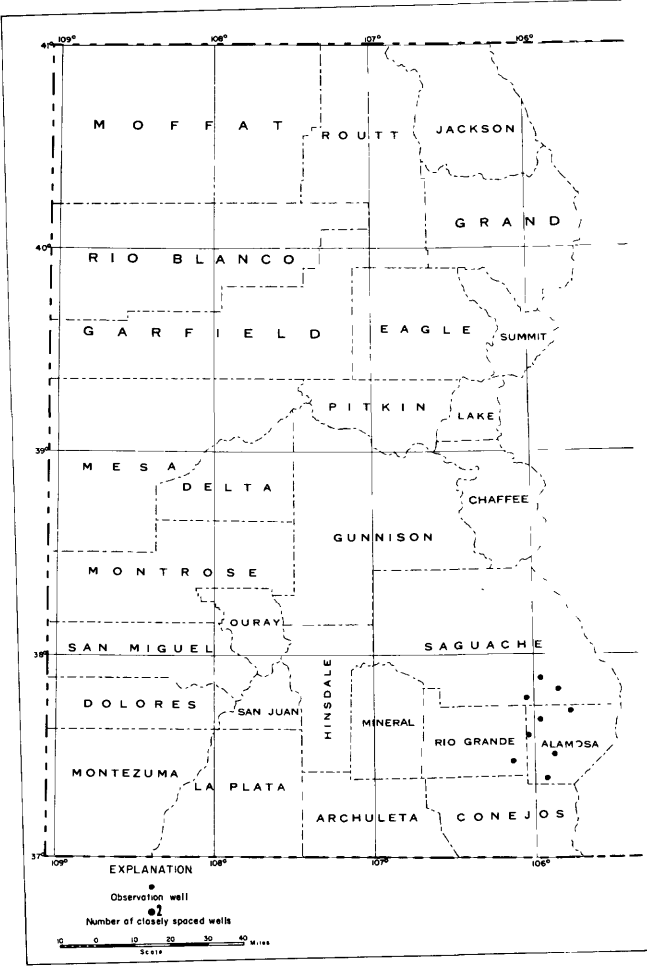
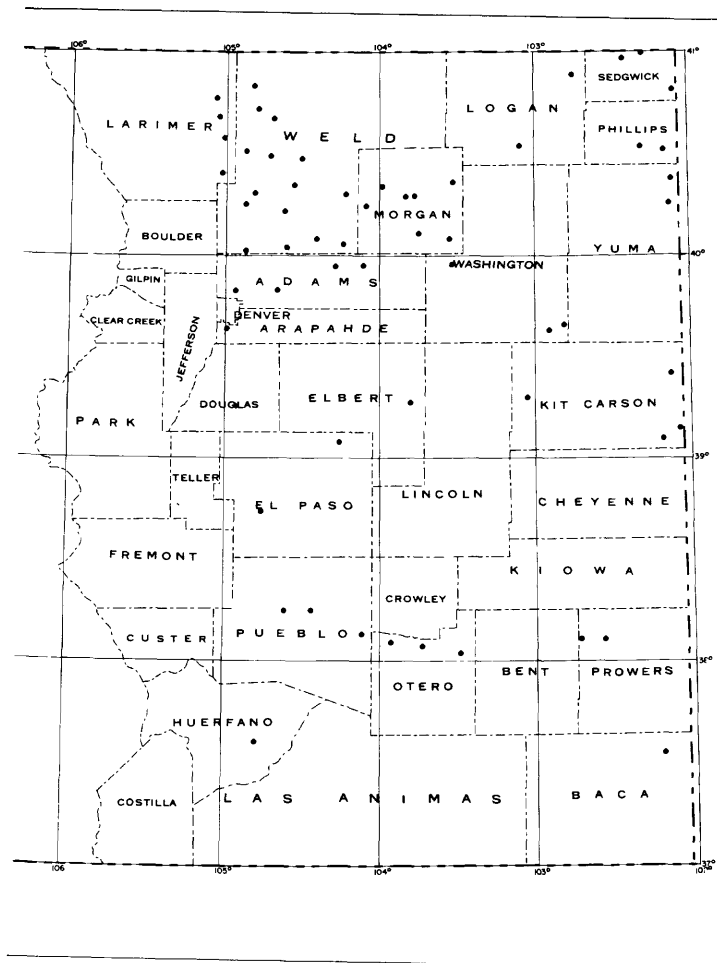


Figure 3.--Location of observation



wells in Colorado, 1961-65.



373042N1055240.1. Local number A-38-10-28ddb. U.S. Geol. Survey. Jetted observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 3 in, depth 7 ft. Casing information not available. Lsd 7,545.1 ft above msl. MP top of pipe, 0.30 ft above lsd. Highest water level 1.87 below lsd, July 23, 1953; lowest 6.27 below lsd, Oct. 16, 1956. Records available: 1949-64. Well destroyed; measurement discontinued. For additional information, see Powell (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 3, 1961	3.09	Aug. 28, 1962	3.20	Sept. 1, 1963	5.20	July 6, 1964	2.95
Aug. 28	3.16	Apr. 3, 1963	3.90	Jan. 6, 1964	(j)	Oct. 1	3.68
Mar. 21, 1962	3.66	July 5	3.59	Apr. 1	(j)		

j Well under water.

374024N1055554.1. Local number A-39-9-1aaa (previously reported 1aa). U.S. Geol. Survey. Jetted observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 3 in, depth 10 ft. Casing information not available. Lsd 7,572.7 ft above msl. MP top of pipe, at lsd (previously reported 0.40 ft above lsd). Highest water level 2.63 below lsd, Jan. 6, 1964; lowest 8.53 below lsd, Mar. 7, 1961. Records available: 1948-64. No measurement made in 1965. For additional information, see Powell (1958).

Mar. 7, 1961	8.53	Mar. 16, 1962	5.68	Apr. 3, 1963	6.84	Apr. 2, 1964	8.04
July 3	7.55	June 26	4.61	July 5	7.14	July 7	6.59
Aug. 29	7.02	Aug. 29	7.25	Sept. 1	4.90	Oct. 1	6.14
Dec. 29	5.86	Jan. 2, 1963	7.11	Jan. 6, 1964	2.63		

373512N1060212.1. Local number A-39-9-31ccc (previously reported 3lcc). U.S. Geol. Survey. Jetted observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 3 in, depth 10 ft. Casing information not available. Lsd 7,567.4 ft above msl. MP top of pipe, 1.70 ft (previously reported 1.20 ft) above lsd. Highest water level 1.42 below lsd, June 26, 1962; lowest 5.71 below lsd, Oct. 15, 1956. Records available: 1948-64. No measurement made in 1965. For additional information, see Powell (1958).

Mar. 7, 1961	3.60	June 26, 1962	1.42	Apr. 1, 1963	3.97	Jan. 6, 1964	5.04
July 3	3.64	Aug. 28	4.34	July 5	2.91	Apr. 2	5.49
Dec. 31	3.79	Jan. 2, 1963	5.43	Sept. 1	5.02	July 7	3.94
Mar. 16, 1962	3.99						

374448N1054454.1. Local number A-40-11-10daa (previously reported 10aa). U.S. Geol. Survey. Jetted observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 1½ in, depth 43 ft. Casing information not available. Lsd 7,538.3 ft above msl. MP top of pipe, 1.50 ft (previously reported 1.30 ft) above lsd. Highest water level 1.61 below lsd, Mar. 24, 1958; lowest 5.46 below lsd, Sept. 13, 1956. Records available: 1948-64. No measurement made in 1965. For additional information, see Powell (1958).

Mar. 7, 1961	3.07	Mar. 16, 1962	2.60	Apr. 3, 1963	2.89	Apr. 2, 1964	3.00
July 3	3.55	June 26	3.10	July 6	3.52	July 6	4.10
Aug. 29	4.07	Aug. 29	4.74	Sept. 1	5.02	Oct. 1	4.41
Dec. 29	3.37	Jan. 2, 1963	3.30	Jan. 6, 1964	3.82		

#### Arapahoe County

393917N1050034.1. Local number C-4-68-33cdc (previously reported 33cd). Frank Hornbuckle. Driven observation water-table well in alluvium, diam 1½ in, depth 23 ft, well point 20-23. Lsd 5,275.2 ft above msl. MP top of casing, 3.15 ft above lsd (since June 28, 1965). Highest water level 4.60 below lsd, June 27, 1947; lowest 15.60 below lsd, July 23, 1963. Records available: 1942-65. For additional information, see McConaghy, Chase, Boettcher, and Major (1964).

Jan. 30, 1961	14.39	Apr. 24, 1962	13.52	July 23, 1963	15.60	Oct. 26, 1964	15.09
Feb. 24	14.75	May 29	14.36	Aug. 27	15.09	Nov. 23	14.82
Mar. 30	14.78	June 28	14.17	Sept. 27	14.44	Dec. 28	14.87
Apr. 27	14.62	July 26	14.28	Oct. 28	14.98	Jan. 22, 1965	14.87
May 29	13.45	Aug. 29	14.86	Nov. 26	14.87	Feb. 26	14.72
June 30	15.10	Sept. 23	15.00	Dec. 24	14.64	Mar. 26	14.71
July 26	14.55	Oct. 22	15.36	Jan. 24, 1964	14.87	Apr. 27	14.30
Aug. 29	13.70	Nov. 28	15.18	Feb. 24	14.82	May 24	13.58
Sept. 28	13.57	Dec. 26	14.93	Mar. 30	14.54	June 28	10.27
Oct. 24	14.14	Jan. 29, 1963	14.69	Apr. 28	14.42	July 26	11.36
Nov. 30	13.94	Feb. 26	14.79	May 21	14.28	Aug. 24	10.83
Dec. 28	13.17	Mar. 25	15.23	June 23	14.38	Sept. 27	11.94
Jan. 31, 1962	13.97	Apr. 29	15.50	July 22	14.56	Oct. 25	12.46
Feb. 26	13.70	May 22	15.55	Aug. 28	14.44	Nov. 23	13.21
Mar. 26	14.56	June 25	14.73	Sept. 28	15.00	Dec. 21	13.82

#### Baca County

373030N1021445.1. Local number C-29-43-15ccc. James Thompson. Drilled unused artesian well in Chryenne Sandstone Member of Purgatoire Formation, diam 12 in, depth unknown. Casing information and lsd not available. MP top of casing, 1.40 ft above lsd. Highest water level 50.66 below lsd, Mar. 13, 1958; lowest 64.98 below lsd, Nov. 12, 1964. Records available: 1955-65. For additional information, see McLaughlin (1954).

Apr. 11, 1961	58.73	Oct. 31, 1962	57.75	Apr. 7, 1964	56.25	Mar. 29, 1965	59.04
Oct. 11	64.00	Mar. 30, 1963	56.46	Nov. 12	64.98	Nov. 10	54.64
Mar. 27, 1962	58.02	Nov. 7	60.25				

#### Elbert County

391710N1034740.1. Local number C-9-57-8abb. J. C. Mattson. Drilled unused water-table well in alluvium, diam 6 in, depth 28 ft. Casing information and lsd not available. MP top of casing, 0.20 ft above lsd. Highest water level 5.00 below lsd, July 2, 1947; lowest 7.73 below lsd, Oct. 4, 1962. Records available: 1945-65. For additional information, see McLaughlin (1946) and Code (1958).

Apr. 10, 1961	6.55	Oct. 29, 1962	7.59	Sept. 5, 1963	6.65	Nov. 17, 1964	7.40
Oct. 10	7.28	Apr. 3, 1963	6.79	Nov. 4	6.70	Mar. 15, 1965	6.96
Mar. 26, 1962	6.63	June 5	7.32	Apr. 9, 1964	6.05	Nov. 15	6.60
Oct. 4	7.73	July 1	7.70				

El Paso County

390442N1041850.1. Local number C-11-62-22ad. Anthony Eurich. Drilled irrigation water-table well in alluvium, diam 24 in, depth 44 ft, perforated 9-44. Led 6,364.8 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 5.49 below lsd, Aug. 9, 1947; lowest 8.48 below lsd, July 11, 1952. Records available: 1945-65. For additional information, see McLaughlin (1946), Code (1958), and Jenkins (1961).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 11, 1961	6.77	Oct. 29, 1962	6.89	Apr. 9, 1964	6.25	Mar. 15, 1965	6.58
Oct. 10	6.59	Apr. 3, 1963	6.65	Nov. 17	6.96	Mar. 18	6.27
Mar. 26, 1962	6.50	Nov. 4	6.43				

384534N1044507.1. Local number C-15-66-11bdc. Venetucci Bros. Drilled irrigation water-table well in alluvium, diam 24 in, depth 80 ft. Casing information not available. Led 5,749.8 ft above msl. MP hole in pumpbase, 0.80 ft above lsd. Highest water level 36.57 below lsd, Nov. 4, 1948; lowest 60.20 below lsd, Oct. 19, 1964. Records available: 1944-65. For additional information, see McLaughlin (1946), Code (1958), and Jenkins (1961).

Mar. 29, 1961	39.23	Nov. 26, 1962	40.41	Mar. 23, 1964	46.25	Nov. 23, 1964	52.30
Nov. 13	40.40	Mar. 27, 1963	39.94	Oct. 19	50.20	Apr. 7, 1965	41.00
Mar. 6, 1962	39.95	Nov. 19	50.45	26	58.80	Nov. 15	47.00

Huerfano County

373642N1044624.1. Local number C-28-66-15bcc. Henry Meyer. Drilled unused water-table well in alluvium, diam 6 in, depth 67 ft. Casing information and lsd not available. MP top of casing, 1.30 ft above lsd. Highest water level 11.22 below lsd, Aug. 19, 1953; lowest 25.21 below lsd, June 24, 1953. Records available: 1950-65. For additional information, see McLaughlin (1966).

Apr. 10, 1961	23.90	Oct. 30, 1962	24.25	Apr. 8, 1964	23.61	Mar. 27, 1965	23.55
Oct. 11	23.90	Mar. 31, 1963	24.85	Nov. 16	23.70	Nov. 17	23.52
Mar. 27, 1962	23.52	Nov. 5	24.84				

Kit Carson County

392218N1020848.1. Local number C-8-42-7bbb. School District 14. Drilled domestic water-table well in Ogallala Formation, diam 5 in, depth 144 ft. Casing information not available. Led 3,997.4 ft above msl. MP top of casing, at lsd. Highest water level 133.61 below lsd, Dec. 21, 1955; lowest 138.18 below lsd, Mar. 31, 1965. Records available: 1954-65. For additional information, see Chase, Burtis, and Major (1962).

Apr. 13, 1961	134.70	Nov. 9, 1962	135.32	Apr. 2, 1964	136.20	Mar. 31, 1965	138.18
Oct. 13	135.02	Mar. 28, 1963	135.28	Nov. 9	137.18	Nov. 5	138.09
Mar. 30, 1962	135.00	Nov. 11	136.00				

391121N1030230.1. Local number C-9-50-7bba. J. Bower (previously reported Bowers). Drilled domestic and stock water-table well in Ogallala Formation, diam 5 in, depth 32 ft. Casing information not available. Led 4,856.3 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 24.76 below lsd, Mar. 26, 1960; lowest 26.54 below lsd, Oct. 10, 1956. Records available: 1950-65. For additional information, see Chase, Burtis, and Major (1962).

Apr. 13, 1961	25.64	Nov. 8, 1962	25.85	Apr. 3, 1964	25.61	Mar. 31, 1965	26.05
Oct. 13	25.90	Mar. 28, 1963	25.83	Nov. 7	26.16	Nov. 5	25.16
Mar. 31, 1962	25.90	Nov. 9	25.66				

391106N1020310.1. Local number C-10-42-12ccc. U. S. Government. Drilled observation water-table well in Ogallala Formation, diam 1 1/2 in, depth 273 ft. Casing information not available. Led 3,997.7 ft above msl. MP top of casing, 3.30 ft above lsd. Highest water level 101.67 below lsd, Aug. 12, 1955; lowest 105.80 below lsd, Mar. 31, 1965. Records available: 1955-65. For additional information, see Chase, Burtis, and Major (1962).

Apr. 12, 1961	102.70	Nov. 9, 1962	103.33	Apr. 4, 1964	104.51	Mar. 31, 1965	105.80
Oct. 12	103.05	Mar. 28, 1963	103.50	Nov. 9	105.30	Nov. 5	104.69
Mar. 30, 1962	103.14	Nov. 9	104.29				

390510N1021112.1. Local number C-11-43-12cc. Floyd Powell. Drilled irrigation water-table well in Ogallala Formation, diam 18 in, depth 233 ft. Casing information not available. Led 4,104.0 ft above msl. MP base of pump, 0.70 ft above lsd. Highest water level 78.83 below lsd, May 28, 1952; lowest 89.16 below lsd, Mar. 31, 1965. Records available: 1950-65. For additional information, see Chase, Burtis, and Major (1962).

Apr. 12, 1961	81.19	Nov. 9, 1962	83.45	Nov. 9, 1963	84.30	Mar. 31, 1965	89.16
Oct. 12	82.40	Mar. 28, 1963	81.92	Apr. 4, 1964	84.39	Nov. 5	86.66
Mar. 30, 1962	81.57						

Larimer County

402425N1050128.1. Local number B-5-68-17aab (previously reported 17aa). George Peak. Drilled irrigation water-table well in alluvium, diam 4 ft, depth 24 ft. Casing information and lsd not available. MP top of casing, 1.00 ft above lsd. Highest water level 5.43 below lsd, Oct. 27, 1947; lowest 14.45 below lsd, Apr. 20, 1949. Records available: 1941-65. For additional information, see Code (1958), Schneider and Hershey (1961), and Hershey and Schneider (1964).

Mar. 31, 1961	12.26	Oct. 31, 1962	6.69	Mar. 16, 1964	11.85	Mar. 19, 1965	12.90
Nov. 8	7.06	Apr. 8, 1963	9.59	Nov. 3	8.45	Nov. 23	8.50
Mar. 20, 1962	8.43	Oct. 31	7.24				

403333N1045648.1. Local number B-7-68-23ccc. W. A. Scott. Drilled unused water-table well in alluvium, diam 4 ft, depth unknown. Casing information and lsd not available. MP top of casing, 2.70 ft above lsd. Highest water level 6.18 below lsd, Oct. 29, 1959; lowest 9.50 below lsd, May 2, 1941. Records available: 1941-65. For additional information, see Code (1958), Schneider and Hershey (1961), and Hershey and Schneider (1964).

Mar. 31, 1961	6.47	Oct. 31, 1962	6.31	Mar. 16, 1964	6.68	Mar. 19, 1965	7.20
Nov. 8	6.21	Apr. 8, 1963	7.28	Nov. 3	6.63	Nov. 23	6.50
Mar. 20, 1962	7.22	Oct. 31	6.52				

404108N1050003.1. Local number B-8-68-4dda (previously reported 4dd). C. S. Ferris. Drilled unused water-table well in alluvium, diam 16 in, depth 36 ft. Casing information not available. Lsd 5,156.5 ft above msl. MP top of cover, 0.70 ft above lsd. Highest water level 7.40 below lsd, Sept. 28, 1962; lowest 33.50 below lsd, Dec. 21, 1955. Records available: 1954-56, 1958, 1960-65. For additional information, see Code (1958), Schneider and Hershey (1961), and Hershey and Schneider (1964).

Lowest water level for the day, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	12.91	13.01	13.27	13.36	12.50	11.46	10.23	9.46	8.55	.....
10	.....	12.88	13.06	13.28	13.48	12.32	11.55	9.94	9.25	8.63	8.72
15	12.84	.....	13.13	13.32	13.43	12.31	11.38	10.12	9.04	8.71	8.88
20	12.86	12.98	13.15	13.24	13.36	12.12	11.38	10.36	.....	8.66	8.81
25	12.85	12.98	13.18	13.26	13.16	.....	11.57	10.40	.....	8.60	8.88
Eom	12.86	13.03	13.25	13.34	13.02	.....	11.90	9.99	8.64	8.77	8.82

1962											
5	9.21	9.15	9.22	.....	10.60	9.64	8.76	.....	7.70	7.47	7.80
10	9.27	9.07	8.94	9.20	.....	9.49	9.49	9.25	7.63	7.53	7.95
15	9.19	9.08	9.06	9.22	10.58	9.29	9.28	9.52	.....	7.82	7.91
20	9.15	8.99	8.98	9.44	10.13	9.27	.....	9.70	.....	7.72	7.82
25	9.10	9.09	9.13	9.75	9.92	9.68	.....	8.90	.....	7.70	8.00
Eom	9.15	9.12	9.15	10.30	9.76	8.70	.....	8.03	7.58	7.82	7.95

1963											
5	.....	8.54	8.54	8.65	10.93	10.05	10.19	11.68	13.27	12.50	12.10
10	8.32	.....	8.48	9.04	.....	9.86	10.42	12.12	13.36	12.40	12.12
15	8.36	8.51	8.43	9.47	.....	9.62	11.47	.....	13.20	12.30	12.06
20	8.41	8.56	8.72	9.73	10.40	9.28	11.06	11.98	13.15	12.20	12.05
25	8.38	8.56	8.77	10.06	10.26	9.32	10.92	12.62	12.93	12.18	12.12
Eom	8.50	8.52	8.67	10.30	10.26	9.96	10.94	13.11	12.68	12.17	12.11

1964											
5	12.21	12.36	12.51	12.72	13.51	.....	14.14	.....	.....	.....	17.40
10	12.23	12.38	12.56	12.78	14.15	14.57	14.15	15.80	17.29	18.32	17.31
15	12.27	12.40	12.62	12.83	14.52	14.32	14.42	15.74	17.53	18.10	17.31
20	12.27	12.46	12.62	12.88	14.35	13.94	.....	15.96	17.56	17.90	17.25
25	12.30	12.47	12.62	12.92	.....	13.91	.....	.....	17.65	17.70	17.14
Eom	12.35	12.48	12.71	13.00	.....	14.16	.....	.....	18.02	17.52	17.08

1965											
5	16.76	16.70	16.65	16.75	18.42	19.85	.....	19.34	19.31	18.22	17.28
10	16.74	16.62	.....	16.77	.....	21.71	.....	19.54	19.04	18.01	17.15
15	.....	16.63	.....	16.92	19.60	18.84	19.55	19.47	19.04	.....	16.97
20	16.66	16.64	16.72	17.22	19.78	18.77	19.54	18.90	19.12	17.67	16.85
25	16.66	16.63	16.71	17.50	19.83	18.71	19.54	18.82	18.77	17.54	16.64
Eom	16.65	16.62	16.72	17.78	19.74	18.71	19.54	19.00	18.47	17.42	16.48

404517N1050141.1. Local number B-9-68-17baa (previously reported 17ab). Harlan Seaworth. Drilled irrigation water-table well in alluvium, diam 20 in, depth 92 ft. Casing information and lsd not available. MP top of casing, 0.40 ft above lsd. Highest water level 29.02 below lsd, Apr. 3, 1959; lowest 64.45 below lsd, Nov. 9, 1956. Records available: 1939-65. For additional information, see Code (1958), Schneider and Hershey (1961) and Hershey and Schneider (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 27, 1961	38.02	Oct. 31, 1962	32.82	Oct. 30, 1963	34.39	Nov. 3, 1964	42.77
Nov. 7	33.13	Apr. 8, 1963	(a)	Mar. 16, 1964	34.95	Mar. 19, 1965	44.90
Mar. 19, 1962	32.70						

a Well being pumped.

#### Logan County

403035N1030628.1. Local number B-9-51-31bbb (previously reported 31bb). Frank Manuella. Drilled irrigation water-table well in alluvium, diam unknown, depth 106 ft. Casing information and lsd not available. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 2.89 below lsd, Oct. 6, 1947; lowest 6.41 below lsd, Aug. 4, 1950. Records available: 1947-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Apr. 18, 1961	5.19	Nov. 7, 1962	4.45	Apr. 1, 1964	5.45	Apr. 2, 1965	5.50
Oct. 16	3.28	Mar. 26, 1963	4.76	Nov. 6	4.04	Nov. 3	4.65
Apr. 2, 1962	4.35	Nov. 12	4.39				

405209N1024817.1. Local number B-10-48-2cbc (previously reported 2cb). G. E. Henry. Drilled irrigation water-table well in alluvium, diam 18 in, depth 32 ft. Casing information and lsd not available. MP top of platform, 1.50 ft above lsd. Highest water level 3.95 below lsd, Apr. 7, 1958; lowest 9.03 below lsd, Nov. 6, 1964. Records available: 1947-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Apr. 18, 1961	5.44	Nov. 7, 1962	6.02	Apr. 1, 1964	5.76	Apr. 2, 1965	6.36
Oct. 16	5.83	Mar. 26, 1963	5.70	Nov. 6	9.03	Nov. 3	5.67
Apr. 2, 1962	5.77	Nov. 12	6.19				

#### Morgan County

400637N1033456.1. Local number B-2-55-30bel. Jacob Bickert. Drilled irrigation water-table well in alluvium, diam 36 in, depth 64 ft. Casing information not available. Lsd 4,343.4 ft above msl. MP top of casing, 3.80 ft above lsd. Highest water level 20.40 below lsd, Apr. 25, 1946; lowest 44.30 below lsd, Oct. 17, 1961. Records available: 1944-64. Measurement discontinued. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Apr. 19, 1961	43.18	Apr. 3, 1962	40.08	Mar. 26, 1963	40.51	Apr. 1, 1964	(j)
Oct. 17	44.30	Nov. 6	42.52	Nov. 13	(j)	Nov. 6	(j)

j Unable to read tape because of rust in water.

400635N1034630.1. Local number B-2-57-29ad1. Pete Hellmuth. Drilled irrigation water-table well in alluvium, diam 18 in, depth 80 ft, perforated 50-80. Lsd not available. MP top of casing, 0.50 ft above lsd. Highest water level 42.12 below lsd, Apr. 7, 1952; lowest 65.70 below lsd, Oct. 15, 1957. Records available: 1947-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 19, 1961	61.67	Nov. 6, 1962	61.98	Mar. 31, 1964	62.34	Apr. 3, 1965	62.73
Oct. 17	61.70	Mar. 26, 1963	62.01	Nov. 5	62.59	Nov. 2	62.88
Apr. 3, 1962	61.74	Nov. 13	62.29				

401452N1034802.1. Local number B-3-57-6dce (previously reported 6dcl). City of Fort Morgan. Dug and drilled unused water-table well in alluvium, diam 12 in, depth 180 ft. Casing information not available. Lsd 4,325.6 ft above msl. MP top of basement floor, 5.00 ft below lsd. Highest water level 39.88 below lsd, Jan. 20-21, 1955; lowest 56.18 below lsd, Oct. 12, 1956. Records available: 1940-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Lowest water level for the day, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	52.22	52.00	52.00	52.15	52.35	.....	52.75	53.10	53.08	52.53	.....
10	52.12	.....	52.01	52.21	52.44	.....	52.81	53.14	53.04	52.36	51.47
15	52.15	.....	52.00	52.22	52.40	.....	52.74	53.12	53.02	52.24	51.38
20	52.08	51.98	52.00	.....	52.40	.....	52.86	53.13	52.93	52.07	51.34
25	52.12	52.01	52.05	.....	52.30	.....	52.94	53.19	52.79	51.96	51.20
Eom	52.02	52.06	52.03	52.37	52.35	.....	53.05	53.26	52.68	51.86	51.16

1962											
5	50.96	50.89	50.86	.....	.....	51.47	52.00	.....	51.64	51.16	.....
10	51.01	50.81	50.76	.....	.....	51.40	52.06	.....	51.40	51.03	50.41
15	50.94	50.87	50.86	.....	.....	51.63	52.04	51.97	.....	50.98	50.35
20	50.94	50.79	50.80	.....	51.56	.....	51.97	51.91	.....	50.86	50.21
25	50.86	50.82	50.85	.....	51.49	51.89	51.99	51.90	.....	50.68	50.22
Eom	50.86	50.79	50.88	.....	51.46	52.03	.....	51.82	51.36	50.58	50.09

1963											
5	49.78	49.69	49.64	49.98	50.77	.....	52.53	53.35	53.84	53.40	52.88
10	49.75	49.62	49.66	50.06	50.91	.....	52.65	53.36	53.77	53.33	52.76
15	49.80	49.64	.....	50.20	51.11	51.90	52.73	.....	53.88	53.28	52.65
20	49.71	49.72	49.78	.....	51.21	51.86	52.89	53.60	.....	53.16	52.59
25	49.70	49.65	49.80	.....	51.37	52.08	53.50	53.78	53.54	53.10	52.53
Eom	49.68	49.66	49.87	50.58	.....	52.27	53.24	53.82	53.47	52.90	52.41

1964											
5	52.15	.....	51.92	51.99	.....	53.07	53.14	54.12	55.24	55.76	55.13
10	52.10	52.00	51.94	51.99	.....	52.98	53.34	54.20	55.37	55.80	55.00
15	52.08	51.98	52.00	52.16	52.63	52.89	53.47	54.41	55.47	55.72	54.78
20	52.02	51.95	51.93	52.25	52.84	53.03	53.62	54.56	55.51	55.65	54.68
25	52.01	51.91	51.98	.....	53.05	52.83	53.85	54.72	55.66	55.58	54.47
Eom	51.98	51.93	51.96	.....	52.96	53.00	54.05	55.01	55.73	55.40	54.44

1965											
5	53.93	53.71	53.64	53.60	54.37	54.78	54.85	55.90	56.76	55.38	54.58
10	53.86	53.63	.....	53.72	54.44	54.62	55.01	56.13	56.55	55.28	54.45
15	53.84	53.69	.....	53.83	54.59	54.61	55.16	.....	56.49	55.23	54.28
20	53.84	53.60	53.54	54.00	54.72	54.45	55.42	56.54	56.16	55.01	54.14
25	53.78	53.60	53.59	54.09	54.77	54.65	55.55	56.57	55.82	54.87	54.03
Eom	53.77	53.59	53.61	54.22	54.79	54.82	55.67	56.68	55.61	54.76	53.93

401358N1035045.1. Local number B-3-58-11bc. Alex Stark. Drilled irrigation water-table well in alluvium, diam 16 in, depth 145 ft. Casing information not available. Lsd 4,366.2 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 51.85 below lsd, Nov. 19, 1945; lowest 69.87 below lsd, Nov. 5, 1964. Records available: 1939-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 19, 1961	62.40	Nov. 6, 1962	63.79	Mar. 31, 1964	64.07	Apr. 3, 1965	65.23
Oct. 17	65.92	Mar. 25, 1963	61.02	Nov. 5	69.87	Nov. 2	66.52
Apr. 3, 1962	62.17	Nov. 13	64.80				

401214N1040534.1. Local number B-3-60-22ccc (previously reported 22ccc). B. A. Holden. Drilled irrigation water-table well in alluvium, diam 24 in, depth 120 ft. Casing information not available. Lsd 4,568.4 ft above msl. MP top of vent pipe, 0.20 ft above lsd. Highest water level 49.44 below lsd, Apr. 11, 1938; lowest 79.99 below lsd, Nov. 1, 1965. Records available: 1936-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 20, 1961	67.76	Nov. 5, 1962	74.85	Mar. 30, 1964	71.27	Apr. 3, 1965	73.84
Oct. 18	75.49	Mar. 25, 1963	70.14	Nov. 4	79.05	Nov. 1	79.99
Apr. 4, 1962	68.80	Nov. 14	76.04				

401915N1033211.1. Local number B-4-55-9dccc. Rudolph & Schooley. Drilled irrigation water-table well in alluvium, diam 14 in, depth 98 ft. Casing information not available. Lsd 4,175.2 ft above msl. MP top of concrete curb, 2.00 ft above lsd. Highest water level 14.75 below lsd, Oct. 19, 1949; lowest 23.50 below lsd, Nov. 5, 1964. Records available: 1930, 1932-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 16, 1961	19.55	Mar. 25, 1963	219.3	Apr. 1, 1964	19.67	Apr. 2, 1965	20.50
Apr. 3, 1962	19.10	Nov. 13	20.17	Nov. 5	23.50	Nov. 3	18.29
Nov. 6	17.57						

e Estimated.

402100N1035801.1. Local number B-5-59-34ccc (previously reported 34cd1). G. Williams. Dug domestic and stock water-table well in alluvium, diam 36 in, depth 20 ft. Casing information and lsd not available. MP top of wooden platform, 2.20 ft above lsd. Highest water level 17.16 below lsd, Sept. 9, 1946; lowest 16.43 below lsd, Apr. 7, 1956. Records available: 1947-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 20, 1961	14.52	Nov. 6, 1962	10.54	Mar. 31, 1964	14.75	Apr. 3, 1965	16.03
Oct. 17	10.46	Mar. 25, 1963	(a)	Nov. 5	14.13	Nov. 2	12.03
Apr. 3, 1962	14.49	Nov. 14	11.83				

a Well being pumped.

Otero County

380704N1035344.1. Local number C-22-58-21daa (previously reported 21bd). C. Meyer (previously reported Mayer). Drilled irrigation water-table well in alluvium, diam 24 in, depth 56 ft. Casing information and lsd not available. MP bottom edge of cut in pump housing, 1.90 ft above lsd. Highest water level 25.54 below lsd, Mar. 28, 1955; lowest 36.58 below lsd, Nov. 11, 1964. Records available: 1928-31, 1933-65. For additional information, see Weist (1962, 1963).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	34.27	Mar. 7, 1962	31.53	Nov. 19, 1963	35.12	Nov. 11, 1964	36.58
Nov. 13	33.09	Nov. 27	31.41	Mar. 5, 1964	34.74	Apr. 7, 1965	35.00

380025N1033112.1. Local number C-23-55-3bbe2 (previously reported 36bc). Fred Wunch. Drilled irrigation water-table well in alluvium, diam 18 in, depth 40 ft. Casing information and lsd not available. MP top of casing, 0.30 ft above lsd. Highest water level 16.60 below lsd, Nov. 16, 1965; lowest 25.04 below lsd, Nov. 11, 1964. Records available: 1951-65. For additional information, see Weist (1962, 1963).

Mar. 30, 1961	19.39	Nov. 27, 1962	20.00	Mar. 4, 1964	19.99	Apr. 7, 1965	19.40
Nov. 14	19.71	Mar. 28, 1963	19.35	Nov. 11	25.04	Nov. 16	16.60
Mar. 8, 1962	18.04	Nov. 19	24.01				

380336N1034353.1. Local number C-23-57-12dad (previously reported 12daa). American Crystal Sugar Co. Drilled irrigation water-table well in alluvium, diam 18 in, depth 27 ft. Casing information and lsd not available. MP top of casing, 0.30 ft above lsd. Highest water level 8.87 below lsd, Dec. 4, 1946; lowest 15.78 below lsd, Nov. 27, 1956. Records available: 1944-65. For additional information, see Weist (1962, 1963).

Mar. 29, 1961	13.69	Nov. 27, 1962	11.77	Mar. 4, 1964	13.32	Apr. 7, 1965	14.70
Nov. 13	12.22	Mar. 27, 1963	11.40	Nov. 11	14.84	Nov. 16	13.50
Mar. 7, 1962	12.50	Nov. 19	13.27				

Phillips County

403206N1020706.1. Local number B-7-43-35abb. Harold Gerhardt. Drilled irrigation water-table well in Ogallala Formation, diam 18 in, depth 200 ft. Casing information not available. Lsd 3,598.8 ft above msl. MP hole in pumpcase, 0.70 ft above lsd. Highest water level 37.27 below lsd, Mar. 27, 1963; lowest 40.78 below lsd, Nov. 2, 1950. Records available: 1950-65. For additional information, see Cardwell (1953) and Cardwell and Jenkins (1963).

Apr. 14, 1961	37.92	Nov. 7, 1962	37.38	Apr. 1, 1964	37.67	Apr. 1, 1965	38.42
Oct. 14	38.50	Mar. 27, 1963	37.27	Nov. 6	38.82	Nov. 4	38.23
Apr. 2, 1962	38.22	Nov. 12	38.31				

403342N1021800.1. Local number B-7-44-20cbb. M. Helgoth. Drilled stock water-table well in Ogallala Formation, diam 4 in, depth 143 ft. Casing information not available. Lsd 3,735.7 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 118.74 below lsd, Mar. 27, 1963; lowest 123.55 below lsd, Nov. 7, 1962. Records available: 1950-65. For additional information, see Cardwell (1953) and Cardwell and Jenkins (1963).

Apr. 14, 1961	119.27	Nov. 7, 1962	123.55	Apr. 1, 1964	120.34	Apr. 1, 1965	119.63
Oct. 14	119.31	Mar. 27, 1963	118.74	Nov. 6	120.44	Nov. 3	119.95
Apr. 2, 1962	120.50	Nov. 12	122.16				

Prowers County

380532N1023115.1. Local number C-22-45-31cbb. U.S. Geol. Survey. Driven observation water-table well in alluvium, diam 1½ in, depth 11 ft, well point 9-11. Lsd not available. MP top of casing, 4.00 ft above lsd. Highest water level 0.48 below lsd, Oct. 6, 1965; lowest 6.00 below lsd, May 3, 1965. Records available: 1955-65. For additional information, see Voegeli and Hershey (1960, 1965).

Apr. 11, 1961	3.98	Apr. 11, 1964	2.45	Nov. 11, 1964	4.69	June 9, 1965	5.35
Oct. 12	3.46	May 5	2.92	Dec. 9	5.15	July 8	2.26
Mar. 27, 1962	3.72	June 2	2.05	Jan. 6, 1965	5.48	Aug. 2	2.72
Oct. 31	2.25	30	3.40	Feb. 6	4.98	Sept. 3	.74
Mar. 29, 1963	3.26	July 28	5.35	Mar. 19	4.84	Oct. 6	.48
Nov. 7	3.49	Aug. 31	5.68	Apr. 15	4.36	Nov. 9	.53
Jan. 8, 1964	1.68	Oct. 6	5.20	May 3	6.00	Dec. 7	1.20
Mar. 4	2.26						

380520N1024333.1. Local number C-22-47-31dac. Carl Brauer. Drilled irrigation water-table well in alluvium, diam 16 in, depth 38 ft. Casing information and lsd not available. MP top of casing, 0.40 ft above lsd. Highest water level 2.68 below lsd, Aug. 6, 1959; lowest 6.88 below lsd, Nov. 12, 1964. Records available: 1955-65. For additional information, see Voegeli and Hershey (1960, 1965).

Jan. 12, 1961	6.13	June 1, 1961	5.33	Nov. 3, 1961	4.35	Mar. 30, 1963	5.82
Feb. 7	6.24	July 12	4.74	Dec. 6	4.91	Nov. 7	5.83
Mar. 10	6.26	Aug. 9	4.76	Feb. 13, 1962	5.86	Apr. 11, 1964	4.27
Apr. 7	6.26	Sept. 3	4.66	Mar. 6	6.06	Nov. 12	6.88
May 4	3.45	30	3.30	Oct. 31	5.35	Nov. 10, 1965	5.32

Pueblo County

381340N1042056.1. Local number C-21-62-9ccc (previously reported 9cd2). Susie C. Potestio. Formerly Bert Potestio. Drilled irrigation water-table well in alluvium, diam 15 in, depth 28 ft. Casing information and lsd not available. MP bottom of pumpcase, 1.10 ft above lsd. Highest water level 13.90 below lsd, Nov. 16, 1965; lowest 20.28 below lsd, Nov. 11, 1964. Records available: 1929, 1934-65. For additional information, see McGovern, Gregg, and Brennan (1964).

Mar. 30, 1961	16.50	Nov. 27, 1962	14.81	Mar. 5, 1964	17.90	Apr. 7, 1965	18.50
Nov. 14	14.60	Mar. 27, 1963	15.59	Nov. 11	20.28	Nov. 16	13.90
Mar. 7, 1962	15.06	Nov. 19	18.46				

381443N1043207.1. Local number C-21-64-34bd. Joseph Thomas. Drilled irrigation water-table well in alluvium, diam 15 in, depth 35 ft. Casing information and lsd not available. MP top of wooden cover, 2.10 ft above lsd. Highest water level 12.20 below lsd, Nov. 11, 1942; lowest 22.80 below lsd, Apr. 7, 1965. Records available: 1934-65. For additional information, see McGovern, Gregg, and Brennan (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1961	20.20	Nov. 27, 1962	18.74	Mar. 5, 1964	22.09	Apr. 7, 1965	22.80
Nov. 14	17.56	Mar. 27, 1963	19.67	Nov. 11	22.69	Nov. 16	16.50
Mar. 7, 1962	20.56	Nov. 19	20.99				

380518N1040433.1. Local number C-22-60-13bbc (previously reported 13bc). C. J. Sindig. Drilled irrigation water-table well in alluvium, diam 4 ft, depth 39 ft. Casing information and lsd not available. MP top of concrete floor, 0.80 ft above lsd. Highest water level 30.32 below lsd, Nov. 14, 1961; lowest 36.16 below lsd, Nov. 25, 1956. Records available: 1952-65. For additional information, see McGovern, Gregg, and Brennan (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1961	34.01	Nov. 27, 1962	30.80	Mar. 5, 1964	34.50	Apr. 7, 1965	34.60
Nov. 14	30.32	Mar. 27, 1963	30.59	Nov. 11	34.92	Nov. 16	30.60
Mar. 7, 1962	32.32	Nov. 19	33.85				

#### Rio Grande County

372942N1060936.1. Local number A-37-7-1aaa (previously reported A-38-8-31cc). U.S. Geol. Survey. Jetted observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam  $1\frac{1}{2}$  in, depth 8 ft. Casing information not available. Lsd 7,653.3 ft above msl. MP top of pipe, 0.60 ft above lsd. Highest water level 0.60 below lsd, June 27, 1962; lowest dry, Apr. 1, 1964. Records available: 1949-64. No measurement made in 1965. For additional information, see Powell (1955).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8, 1961	4.43	June 27, 1962	0.60	July 5, 1963	3.63	Apr. 1, 1964	(f)
July 3	2.34	Aug. 28	2.66	Sept. 2	4.10	July 6	2.55
Aug. 28	3.72	Jan. 3, 1963	2.98	Jan. 6, 1964	3.86	Oct. 1	4.10
Mar. 21, 1962	3.10	Apr. 3	2.39				

f Dry.

#### Seguache County

374757N1060206.1. Local number A-41-9-30bbb (previously reported 19cc). U.S. Geol. Survey. Jetted observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 3 in, depth 10 ft. Casing information not available. Lsd 7,595.7 ft above msl. MP top of pipe, 0.50 ft above lsd. Highest water level 1.51 below lsd, June 26, 1953; lowest 8.04 below lsd, July 6, 1964. Records available: 1949-64. No measurement made in 1965. For additional information, see Powell (1955).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7, 1961	5.17	June 26, 1962	1.88	Apr. 3, 1963	4.52	Apr. 2, 1964	(a)
July 3	5.31	Aug. 29	3.56	July 6	7.55	July 6	5.04
Dec. 30	5.60	Jan. 2, 1963	3.71	Jan. 6, 1964	6.35	Oct. 1	7.00
Mar. 16, 1962	4.54						

a Well being pumped.

374918N1054925.1. Local number A-41-10-13baa (previously reported 13aa). U.S. Geol. Survey. Bored observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 3 in, depth 7 ft. Casing information not available. Lsd 7,529.9 ft above msl. MP top of pipe, 0.70 ft above lsd. Highest water level 1.12 below lsd, Mar. 25, 1958; lowest dry, June 26, 1962. Apr. 2, July 6, 1964. Records available: 1946-64. No measurement made in 1965. For additional information, see Powell (1956).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 3, 1961	5.37	Mar. 16, 1962	(j)	Apr. 3, 1963	2.55	Apr. 2, 1964	(f)
Aug. 29	4.52	June 26	(f)	Sept. 1	5.61	July 6	(f)
Dec. 29	3.03	Aug. 29	5.12	Jan. 6, 1964	3.06	Oct. 1	4.78

f Dry.

j Frozen.

375333N1054927.1. Local number A-42-9-13aaa. U. S. Bureau of Reclamation. Bored observation water-table well in Recent deposits and Alamosa Formation, undifferentiated, diam 2 in, depth 7 ft. Casing information not available. Lsd 7,539.3 ft above msl. MP top of pipe, 0.40 ft above lsd. Highest water level 2.52 below lsd, July 3, 1961; lowest dry, Dec. 24, 1960, Oct. 7, 1964. Records available: 1947-64. No measurement made in 1965. For additional information, see Powell (1955).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7, 1961	5.80	Mar. 16, 1962	(j)	Apr. 3, 1963	4.78	Jan. 6, 1964	5.98
July 3	2.52	June 26	(j)	July 6	6.11	Apr. 2	5.86
Aug. 30	6.18	Aug. 29	5.90	Sept. 1	6.00	Oct. 1	(f)
Dec. 30	(j)	Jan. 2, 1963	5.40				

f Dry.

j Flooded.

#### Sedgwick County

404738N1020305.1. Local number B-10-42-32ddd (previously reported 32ccf). U.S. Geol. Survey. Drilled observation water-table well in Ogallala Formation, diam  $1\frac{1}{2}$  in, depth 207 ft, perforated 180-207. Lsd 3,609.2 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 176.80 below lsd, Apr. 1, 1964; lowest 180.53 below lsd, Aug. 27, 1952. Records available: 1952-65. For additional information, see McLaughlin (1945), Bjorklund and Brown (1957), Bjorklund (1957), and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 14, 1961	177.60	Nov. 7, 1962	177.82	Apr. 1, 1964	176.80	Apr. 1, 1965	176.87
Oct. 14	178.24	Mar. 27, 1963	177.24	Nov. 6	177.64	Nov. 3	177.30
Apr. 2, 1962	177.93	Nov. 12	177.85				

405805N1022349.1. Local number B-11-45-5bab (previously reported 5ba). F. J. Hilderman. Drilled irrigation water-table well in alluvium, diam 18 in, depth 52 ft. Casing information and lsd not available. MP hole in west side of pumpbase, 0.50 ft above lsd. Highest water level 11.23 below lsd, Oct. 7, 1949; lowest 20.07 below lsd, Nov. 6, 1964. Records available: 1947-65. For additional information, see McLaughlin (1945), Bjorklund and Brown (1957), Bjorklund (1957), and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 18, 1961	18.70	Nov. 7, 1962	15.48	Apr. 1, 1964	16.68	Apr. 2, 1965	18.90
Oct. 16	15.58	Mar. 27, 1963	16.02	Nov. 6	20.07	Nov. 3	16.74
Apr. 2, 1962	16.32	Nov. 12	17.67				

405435N1023643.1. Local number B-11-47-28bbb (previously reported 28bb). James Jankovsky. Formerly W. C. Davidson. Drilled irrigation water-table well in alluvium, diam 24 in, depth 52 ft. Casing information and lsd not available. MP top of casing, 0.50 ft above lsd. Highest water level 2.51 below lsd, June 24, 1948; lowest 5.61 below lsd, Oct. 17, 1954. Records available: 1948-65. For additional information, see McLaughlin (1948), Bjorklund and Brown (1957), Bjorklund (1957), and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 18, 1961	3.89	Nov. 7, 1962	4.17	Nov. 12, 1963	4.29	Nov. 6, 1964	4.63
Oct. 16	4.34	Mar. 26, 1963	4.01	Apr. 1, 1964	4.59	Apr. 2, 1965	5.06
Apr. 2, 1962	3.88						

#### Washington County

395706N1033251.1. Local number C-1-55-21bcd. A. Blake. Drilled irrigation water-table well in alluvium, diam 18 in, depth 41 ft. Casing information not available. Lsd 4,887.3 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 11.83 below lsd, Dec. 9, 1947; lowest 16.95 below lsd, Oct. 20, 1960. Records available: 1947-65. For additional information, see Bjorklund and Brown (1957), McGovern (1961), and McGovern 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 19, 1961	15.32	Nov. 6, 1962	14.48	Mar. 31, 1964	14.25	Apr. 2, 1965	14.85
Oct. 17	14.09	Mar. 26, 1963	13.85	Nov. 5	16.11	Nov. 2	13.86
Apr. 3, 1962	13.48	Nov. 13	15.18				

394048N1024806.1. Local number C-4-49-25ad. Cecil Williams. Drilled irrigation water-table well in alluvium, diam 18 in, depth 17 ft. Casing information and lsd not available. MP top of casing, 0.20 ft above lsd. Highest water level 7.42 below lsd, Aug. 6, 1951; lowest 14.41 below lsd, Mar. 31, 1965. Records available: 1950-65. For additional information, see Bjorklund and Brown (1957), McGovern (1961), and McGovern (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 13, 1961	12.29	Nov. 8, 1962	10.80	Apr. 2, 1964	13.70	Mar. 31, 1965	14.41
Oct. 13	12.00	Mar. 28, 1963	11.89	Nov. 7	13.82	Nov. 4	11.38
Mar. 31, 1962	12.87	Nov. 11	13.17				

393915N1025630.1. Local number C-5-50-2aab. Lloyd McIrwin. Drilled irrigation water-table well in alluvium, diam 24 in, depth 54 ft. Casing information not available. Lsd 4,514.6 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 16.44 below lsd, Nov. 8, 1962; lowest 22.65 below lsd, July 23, 1954. Records available: 1950-65. For additional information, see Bjorklund and Brown (1957), McGovern (1961), and McGovern (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 13, 1961	18.55	Nov. 8, 1962	16.44	Apr. 2, 1964	19.15	Mar. 31, 1965	20.20
Oct. 13	19.42	Mar. 28, 1963	17.30	Nov. 7	20.44	Nov. 4	19.23
Mar. 31, 1962	19.82	Nov. 11	18.96				

#### Weid County

400306N1041547.1. Local number B-1-62-13add (previously reported 13ad1). C. M. Roark. Drilled irrigation water-table well in alluvium, diam 18 in, depth 76 ft. Casing information and lsd not available. MP hole in pumpbase, 3.00 ft above lsd. Highest water level 18.29 below lsd, Oct. 16, 1952; lowest 42.20 below lsd, Dec. 10, 1965. Records available: 1947-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 10, 1961	32.25	Nov. 13, 1962	34.78	Mar. 31, 1964	36.54	Apr. 30, 1965	38.40
Nov. 2	33.39	Apr. 24, 1963	(a)	Nov. 21	39.21	Dec. 10	42.20
Mar. 3, 1962	34.86	Nov. 11	37.52				

a Well being pumped.

400427N1042448.1. Local number B-1-63-2ccc. D. Trupp. Drilled unused water-table well in alluvium, diam 20 in, depth 96 ft. Casing information and lsd not available. MP top of casing, 0.30 ft above lsd. Highest water level 51.70 below lsd, May 1, 1950; lowest 75.90 below lsd, Nov. 13, 1959. Records available: 1944-56, 1958-65. For additional information, see Bjorklund and Brown (1957) and Code (1958).

#### Lowest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	69.16	68.10	.....	.....	66.03	.....	.....	68.28	66.99	65.84
10	.....	.....	68.98	.....	.....	66.00	.....	.....	.....	68.08	66.67	65.64
15	.....	.....	68.79	.....	.....	65.84	.....	.....	.....	67.76	66.60	65.55
20	.....	69.62	68.58	.....	.....	65.63	.....	.....	.....	67.58	66.42	65.34
25	.....	69.46	68.38	.....	.....	65.54	67.63	.....	.....	67.29	66.22	65.10
Eom	.....	69.37	68.17	.....	.....	65.82	.....	.....	68.64	67.07	66.02	64.93

#### 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	62.51	61.57	60.79	61.04	62.15	64.49	66.42	66.92	65.86	64.35
10	64.79	.....	62.18	61.30	61.37	61.21	62.64	65.19	66.57	66.60	65.49	63.96
15	64.54	63.07	62.07	61.15	61.71	60.85	63.16	65.63	66.69	66.50	65.30	63.99
20	64.34	62.87	61.88	61.01	61.34	61.04	63.69	66.05	66.79	66.35	65.15	63.48
25	63.88	62.71	61.80	60.86	61.19	61.53	63.93	66.43	66.95	66.13	64.73	63.09
Eom	63.57	62.68	61.57	60.83	61.04	62.02	64.41	66.41	66.92	65.86	64.41	62.78

#### 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	62.57	.....	60.24	59.47	59.87	62.15	64.83	.....	.....	68.90	69.12	66.52
10	.....	.....	60.04	59.26	60.27	62.90	65.32	.....	.....	68.90	67.58	66.29
15	.....	60.94	59.85	59.20	60.95	63.46	.....	.....	.....	69.02	68.68	67.38
20	.....	60.79	59.84	59.57	61.62	63.72	.....	68.30	68.98	68.46	67.15	64.85
25	.....	60.60	59.75	59.45	61.81	63.72	.....	68.56	68.92	68.25	66.94	65.65
Eom	.....	60.44	59.55	59.60	61.96	64.32	.....	68.88	69.15	68.02	66.74	65.44

#### 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	65.24	63.45	.....	62.05	61.43	63.42	65.49	68.93	71.14	71.78	71.36	70.70
10	65.02	63.12	.....	61.98	62.03	63.28	66.07	69.39	71.42	71.80	71.25	70.58
15	64.82	62.78	.....	61.89	62.67	63.41	66.57	69.81	71.40	71.74	71.15	70.43
20	64.57	62.48	.....	61.75	63.22	64.18	67.24	70.18	71.64	71.67	71.08	70.32
25	64.23	.....	62.40	61.66	63.81	64.05	67.88	70.48	71.88	71.59	70.95	70.18
Eom	63.81	.....	62.26	61.52	63.67	64.66	68.49	70.86	71.88	71.48	70.83	70.00

400427N1042448.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	69.88	68.98	68.18	67.36	68.17	68.76	68.67	70.47	.....	71.60	70.59	69.81
10	69.72	68.82	68.04	67.22	68.13	68.68	68.96	70.84	.....	71.42	70.41	69.66
15	69.58	68.68	67.91	67.29	68.14	68.57	69.41	71.19	.....	71.23	70.27	69.52
20	69.43	68.55	67.78	67.48	68.43	68.50	69.82	71.51	72.06	71.09	70.15	69.37
25	69.28	68.40	67.65	67.83	68.59	68.37	70.05	71.75	71.95	70.94	70.01	69.29
Eom	69.16	68.29	67.50	68.02	68.57	68.40	70.16	.....	71.78	70.75	69.52	69.04

400055N1043703.1. Local number B-1-65-25ccd (previously reported 25cd). Fred Haffner, Sr. Drilled irrigation water-table well in alluvium, diam 24 in, depth 69 ft. Casing information and lsd not available. MP bottom of pumpbase, 0.60 ft above lsd. Highest water level 30.29 below lsd, Apr. 12, 1950; lowest 43.19 below lsd, Nov. 25, 1964. Records available: 1940-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

	Water level		Water level		Water level		Water level
Apr. 3, 1961	37.08	Nov. 6, 1962	37.51	Mar. 18, 1964	38.76	Apr. 12, 1965	41.20
Nov. 9	34.37	Apr. 11, 1963	36.05	Nov. 25	43.19	Nov. 27	39.40
Mar. 27, 1962	34.07	Nov. 5	39.62				

400127N1044838.1. Local number B-1-66-30ada (previously reported 30ad). G. J. Mancini. Dug irrigation water-table well in alluvium, diam 8 ft, depth 31 ft. Casing information and lsd not available. MP top of plank cover, 1.15 ft above lsd. Highest water level 10.29 below lsd, Oct. 12, 1933; lowest 18.46 below lsd, Apr. 17, 1956. Records available: 1926-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

	Water level		Water level		Water level		Water level
Mar. 31, 1961	17.96	Nov. 5, 1962	12.62	Mar. 18, 1964	17.20	Apr. 12, 1965	18.00
Nov. 8	14.68	Apr. 12, 1963	(a)	Nov. 10	14.20	Nov. 26	15.30
Mar. 28, 1962	18.00	Nov. 5	13.09				

a Well being pumped.

401305N1043447.1. Local number B-3-64-17ccd (previously reported 17cc). E. D. Seldin. Drilled irrigation water-table well in alluvium, diam 30 in, depth 60 ft. Casing information and lsd not available. MP base of pump, 2.40 ft above lsd. Highest water level 5.20 below lsd, Apr. 23, 1948; lowest 24.28 below lsd, Nov. 12, 1964. Records available: 1940-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

	Water level		Water level		Water level		Water level
Apr. 3, 1961	19.33	Nov. 6, 1962	22.10	Mar. 20, 1964	21.69	Apr. 14, 1965	(a)
Nov. 9	20.65	Apr. 11, 1963	(a)	Nov. 12	24.28	Dec. 8	23.10
Mar. 28, 1962	18.08	Nov. 4	23.37				

a Well being pumped.

401361N1044926.1. Local number B-3-66-18cac (previously reported 18cbc). William Boulter. Formerly C. C. Oster. Drilled irrigation water-table well in alluvium, diam 18 in, depth 30 ft. Casing information and lsd not available. MP top of pump-base, 0.80 ft above lsd. Highest water level 10.71 below lsd, Oct. 27, 1947; lowest 20.84 below lsd, May 6, 1957. Records available: 1947-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

	Water level		Water level		Water level		Water level
Mar. 31, 1961	19.81	Nov. 5, 1962	14.58	Mar. 18, 1964	19.06	Apr. 12, 1965	19.60
Nov. 8	14.67	Apr. 9, 1963	19.05	Nov. 10	16.02	Dec. 8	16.30
Mar. 22, 1962	18.14	Nov. 5	17.20				

b Well pumped recently.

401724N1041329.1. Local number B-4-61-28bbb (previously reported 28bb1). K. Mori. Drilled irrigation water-table well in alluvium, diam 18 in, depth 100 ft. Casing information and lsd not available. MP vent in pumpbase, 0.80 ft above lsd. Highest water level 21.60 below lsd, Oct. 9, 1947; lowest 34.28 below lsd, Apr. 20, 1961. Records available: 1947-65. For additional information, see Bjorklund and Brown (1957), and Code (1958).

	Water level		Water level		Water level		Water level
Apr. 20, 1961	34.28	Nov. 6, 1962	28.03	Mar. 31, 1964	34.04	Apr. 3, 1965	34.22
Oct. 17	26.99	Mar. 25, 1963	33.78	Nov. 4	25.42	Nov. 2	30.67
Apr. 4, 1962	33.42	Nov. 14	26.88				

401911N1043137.1. Local number B-4-64-10ddd. T. E. Dwyer. Formerly F. L. Chestnut. Drilled irrigation water-table well in alluvium, diam 24 in, depth 60 ft. Casing information and lsd not available. MP top of casing, 0.60 ft above lsd. Highest water level 6.43 below lsd, Nov. 9, 1949; lowest 23.64 below lsd, Nov. 13, 1956. Records available: 1940-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

	Water level		Water level		Water level		Water level
Mar. 31, 1961	16.67	Nov. 6, 1962	18.34	Mar. 20, 1964	17.29	Apr. 14, 1965	17.70
Nov. 8	16.51	Apr. 11, 1963	15.73	Nov. 12	18.99	Dec. 8	18.60
Mar. 28, 1962	14.98	Nov. 4	18.43				

401641N1044728.1. Local number B-4-66-28ccb (previously reported 28cc). Mr. Burndt. Formerly Elbert Cogburn. Drilled irrigation water-table well in alluvium, diam 24 in, depth 87 ft. Casing information and lsd not available. MP top of casing, 0.70 ft above lsd. Highest water level 16.14 below lsd, Oct. 27, 1947; lowest 33.12 below lsd, May 6, 1957. Records available: 1941-65. For additional information, see Code (1958), Schneider (1962), and Smith, Schneider and Petri (1964).

	Water level		Water level		Water level		Water level
Mar. 31, 1961	27.91	Nov. 5, 1962	24.28	Mar. 19, 1964	30.19	Apr. 2, 1965	30.20
Nov. 8	24.75	Apr. 9, 1963	27.23	Nov. 5	29.03	Nov. 26	26.50
Mar. 22, 1962	26.50	Nov. 5	27.80				

402721N1042740.1. Local number B-6-63-29bbb. H. L. Wells. Drilled irrigation water-table well in alluvium, diam 4 ft, depth 37 ft. Casing information and lsd not available. MP top of casing, 1.80 ft above lsd. Highest water level 7.19 below lsd, Aug. 11, 1932; lowest 22.85 below lsd, Nov. 12, 1956. Records available: 1932-65. For additional information, see Babcock and Bjorklund (1956), Code (1957), and Bjorklund and Brown (1957).

	Water level		Water level		Water level		Water level
Mar. 27, 1961	13.20	Nov. 8, 1962	8.12	Mar. 20, 1964	10.85	Apr. 14, 1965	12.80
Nov. 7	9.61	Apr. 11, 1963	9.82	Nov. 12	11.53	Dec. 8	9.00
Mar. 21, 1962	11.30	Nov. 4	8.86				



402930N1044143.1. Local number B-6-65-17bbc. H. W. Farr. Drilled irrigation water-table well in alluvium, diam 18 in, depth 65 ft. Casing information and lsd not available. MP top of pumpbase, 0.80 ft above lsd. Highest water level 21.22 below lsd, Aug. 1, 1932; lowest 41.36 below lsd, Nov. 12, 1956. Records available: 1932-65. For additional information, see Babcock and Bjorklund (1956), Code (1957), Schneider and Hershey (1961), and Hershey and Schneider (1964).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 31, 1961	24.91	Nov. 5, 1962	21.59	Mar. 16, 1964	24.99	Apr. 2, 1965	27.30
Nov. 7	21.62	Apr. 9, 1963	22.87	Nov. 5	29.40	Nov. 24	25.50
Mar. 21, 1962	22.49	Nov. 4	25.11				

403032N1045102.1. Local number B-6-67-12bbb (previously reported 12bb). Fred Felte. Formerly Chris Felte. Drilled irrigation water-table well in alluvium, diam 24 in, depth 22 ft. Casing information and lsd not available. MP top of casing, 0.50 ft above lsd. Highest water level 5.45 below lsd, Mar. 21, 1962; lowest 13.30 below lsd, Nov. 12, 1956. Records available: 1941-65. For additional information, see Babcock and Bjorklund (1956), Code (1957), Schneider and Hershey (1961), and Hershey and Schneider (1964).

Mar. 31, 1961	7.93	Nov. 5, 1962	8.15	Mar. 16, 1964	10.13	Apr. 2, 1965	11.60
Nov. 8	5.70	Apr. 9, 1963	8.80	Nov. 5	11.96	Nov. 26	10.30
Mar. 21, 1962	5.45	Oct. 31	10.29				

403454N1044036.1. Local number B-7-65-16bbb. K. Akahoshi. Drilled irrigation water-table well in alluvium, diam 4 ft, depth 18 ft. Casing information not available. Lsd 4,875.1 ft above msl. MP top of casing, 2.70 ft above lsd. Highest water level 4.09 below lsd, Oct. 28, 1959; lowest 7.42 below lsd, Apr. 29, 1946. Records available: 1942-48, 1950-65. For additional information, see Babcock and Bjorklund (1956), Code (1957), Schneider and Hershey (1961), and Hershey and Schneider (1964).

Mar. 27, 1961	4.95	Nov. 2, 1962	4.30	Mar. 16, 1964	4.93	Apr. 1, 1965	6.10
Nov. 7	4.22	Apr. 9, 1963	b5.86	Nov. 5	5.30	Nov. 24	4.30
Mar. 20, 1962	4.68	Oct. 31	4.12				

b Well pumped recently.

403914N1044518.1. Local number B-8-66-22aaa. Troy Jones. Dug irrigation water-table well in alluvium, diam 12 ft, depth 31 ft. Casing information and lsd not available. MP top of curb, 2.10 ft above lsd. Highest water level 16.20 below lsd, Jan. 8, 1947; lowest 22.68 below lsd, Nov. 22, 1954. Records available: 1929-65. For additional information, see Babcock and Bjorklund (1956), Code (1957), Schneider and Hershey (1961), and Hershey and Schneider (1964).

Mar. 27, 1961	20.94	Nov. 1, 1962	19.50	Mar. 17, 1964	17.69	Apr. 1, 1965	18.70
Nov. 7	20.88	Apr. 9, 1963	18.36	Nov. 11	18.75	Nov. 24	17.80
Mar. 20, 1962	20.58	Oct. 31	18.53				

404848N1044615.1. Local number B-10-66-22ccc. U. S. Dept. of Agriculture. Dug unused water-table well in alluvium, diam 8 ft, depth 45 ft. Casing information and lsd not available. MP top of concrete collar, 0.40 ft above lsd. Highest water level 43.72 below lsd, Apr. 1, 1958; lowest 44.73 below lsd, Nov. 7, 1961. Records available: 1942-53, 1955-63. Well destroyed; measurement discontinued. For additional information, see Babcock and Bjorklund (1956). Mar. 27, 1961, 44.61; Nov. 7, 44.73; Mar. 20, 1962, 44.06; Nov. 1, 44.12; Apr. 9, 1963, 44.25; Oct. 31, 44.05.

#### Yuma County

401059N1020642.1. Local number B-3-42-31bdd. U.S. Geol. Survey. Drilled observation water-table well in Ogallala Formation, diam 1½ in, depth 92 ft. Casing information not available. Lsd 3,613.8 ft above msl. MP top of pipe, 2.00 ft above lsd. Highest water level 21.25 below lsd, Aug. 14, 1952; lowest 27.72 below lsd, Apr. 1, 1965. Records available: 1952-65. For additional information, see Cardwell (1953) and Weist (1960).

Apr. 14, 1961	25.81	Nov. 7, 1962	24.70	Apr. 1, 1964	26.45	Apr. 1, 1965	27.72
Oct. 14	26.28	Nov. 12, 1963	26.09	Nov. 6	27.39	Nov. 4	27.42
Apr. 2, 1962	26.67						

401106N1020621.1. Local number B-5-43-36ddd. U.S. Geol. Survey. Drilled observation water-table well in Ogallala Formation, diam 1½ in, depth 78 ft. Casing information not available. Lsd 3,605.9 ft above msl. MP top of pipe, 1.70 ft above lsd. Highest water level 13.82 below lsd, Aug. 14, 1952; lowest 23.69 below lsd, Nov. 6, 1964. Records available: 1952-65. For additional information, see Cardwell (1953) and Weist (1960).

Apr. 14, 1961	20.03	Nov. 7, 1962	20.97	Apr. 1, 1964	21.73	Apr. 1, 1965	22.73
Oct. 14	20.93	Mar. 27, 1963	20.94	Nov. 6	23.69	Nov. 4	22.70
Apr. 2, 1962	20.93	Nov. 12	21.93				

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# IDAHO

The observation-well program in Idaho, begun in 1946, was continued during 1961 through 1965. The program was made in connection with ground-water studies through the cooperation with the Idaho Department of Reclamation, Idaho Operations Office of the U. S. Atomic Energy Commission, U. S. Bureau of Reclamation, and Water District 36 through the Idaho Department of Reclamation. Other reports which contain significant water-level data are listed in the references. Figure 4 shows the location of observation wells included in this report.

## Well-Numbering System

The well-numbering system used in Idaho by the U.S. Geological Survey indicates the locations of wells within the official rectangular subdivisions of the public lands, with reference to the Boise base line and meridian. The first two segments of a number designate the township and range. The third segment gives the section number, followed by two letters and a numeral, which indicates the quarter section, the 40-acre tract, and the serial number of the well within the tract. Quarter sections are lettered a, b, c, and d in counterclockwise order, from the northeast quarter of each section. Within the quarter sections, 40-acre tracts are lettered in the same manner. Well 1N-36E-10c1 is in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 1, T. 1 N., R. 36 E., and is the first well visited in that tract.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

### Ada County

434043N1162351.1. Local number 4N-1W-13dd1. State of Idaho Penitentiary. Drilled irrigation artesian well in sand of Idaho Group, diam 3 in, depth 130 ft, casing information not available. Lsd about 2,525 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 10.7 above lsd, Oct. 22, 1952; lowest 5.1 above lsd, Sept. 28, 1951. Records available: 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	+7.2	Sept. 25, 1962	+7.8	Mar. 31, 1964	+8.1	Apr. 1, 1965	+9.0
Sept. 26	7.6	Mar. 29, 1963	7.8	Sept. 23	9.8	Sept. 21	10.0
Mar. 29, 1962	7.5	Oct. 29	8.6				

433848N1162450.1. Local number 4N-1W-35aa1. A. A. Waite. Dug unused water-table well in sand and gravel of Quaternary age, diam 24 in, depth 44 ft, casing information not available. Lsd about 2,572 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 3.77 below lsd, Aug. 5, 1957; lowest 12.2 below lsd, Mar. 15, 1935. Records available: 1933-65. Water level influenced by local irrigation.

### Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.50	10.28	10.46	11.18	10.75	7.45	....	6.46	5.65	6.55	8.76	9.51
10	9.77	10.14	10.80	11.33	10.16	7.24	....	6.45	5.44	7.05	8.55	9.57
15	9.75	10.14	10.66	11.54	9.45	7.20	....	6.57	5.51	7.47	8.80	9.68
20	9.90	10.52	11.04	11.57	8.94	6.63	....	6.58	5.88	7.68	8.86	9.90
25	9.93	10.47	10.93	11.57	8.46	6.65	....	6.02	6.49	8.07	9.12	9.82
Eom	10.06	10.73	11.21	11.27	8.04	....	6.55	5.49	7.01	8.25	9.23	10.18
1962												
5	10.22	10.78	10.91	11.68	11.02	8.85	6.64	5.46	4.58	6.49	7.94	8.96
10	10.46	10.87	11.02	11.74	10.57	8.53	6.53	5.69	4.50	6.66	8.25	9.06
15	10.33	10.65	11.14	11.59	9.95	8.18	6.85	....	5.18	7.25	8.38	8.98
20	9.88	10.59	11.12	11.71	9.51	7.93	6.28	....	5.35	7.43	8.44	9.46
25	10.46	10.79	11.35	11.77	8.74	7.89	6.50	....	....	7.60	8.68	9.52
Eom	10.66	10.79	11.49	11.59	8.82	7.50	5.84	5.07	6.33	7.83	8.71	9.57
1963												
5	9.81	10.35	10.70	11.15	11.60	8.89	....	....	4.91	5.75	7.66	8.50
10	9.74	10.23	10.66	11.40	11.18	8.80	....	....	4.95	6.16	7.93	8.70
15	9.85	10.44	10.71	11.36	10.94	8.76	....	....	....	6.35	7.99	8.80
20	10.11	10.50	11.01	11.56	10.65	8.40	....	....	....	6.76	8.06	8.86
25	10.01	10.63	11.21	11.48	10.27	8.07	....	4.00	4.98	....	8.46	8.96
Eom	10.11	10.60	11.15	11.60	9.68	7.90	....	4.56	5.27	7.62	8.36	9.17
1964												
5	9.27	9.58	9.88	10.40	10.52	8.25	6.56	5.76	4.45	6.01	7.71	8.28
10	9.33	9.58	10.00	10.65	10.45	8.07	6.52	5.45	5.20	6.09	7.68	7.99
15	9.49	9.63	10.18	10.55	10.00	7.92	6.22	5.01	5.18	6.32	8.05	8.07
20	9.37	9.99	9.90	10.77	9.54	7.91	5.96	4.72	5.34	6.60	8.11	8.22
25	9.56	9.85	10.34	10.92	9.33	7.57	5.69	4.63	5.44	6.93	8.11	8.41
Eom	9.58	9.85	10.20	10.86	8.67	7.30	5.51	4.52	5.81	7.42	8.28	8.10

433848N1162450.1--Continued.

Day	1965											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.14	7.21	8.67	9.47	9.97	....	6.57	6.00	4.95	6.71	8.08	....
10	8.37	7.72	8.82	9.60	10.04	....	6.25	5.61	5.23	6.99	8.21	....
15	8.48	8.00	8.93	9.77	9.67	....	6.14	5.53	5.82	7.11	8.47	....
20	8.33	8.09	9.08	9.76	9.20	....	6.26	5.93	6.21	7.40	8.60	....
25	8.53	8.40	9.14	9.84	8.79	....	6.22	5.86	5.72	....	8.62	....
Eom	....	8.57	9.33	9.84	....	6.79	6.29	5.39	6.38	7.89	....	9.52

433705N1161835.1. Local number 3N-1E-11bbl. F. M. Wheaton. Dug stock and domestic water-table well in shallow gravel, diam unknown, reported depth 80 ft, casing information not available. Lsd 2,664.6 ft above msl datum of 1935 (preliminary). MP top of concrete platform, 0.50 ft above lsd. Highest water level 3.59 below lsd, Sept. 23, 1963; lowest 19.9 below lsd, Mar. 31, 1924. Records available: 1924-65. Water level influenced by local irrigation.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1961	11.10	Sept. 25, 1962	5.04	Mar. 31, 1964	10.63	Apr. 1, 1965	9.98
Sept. 26	5.00	Mar. 22, 1963	11.23	Sept. 23	4.06	Sept. 22	4.79
Mar. 29, 1962	11.62	Sept. 23	8.59				

433506N1161357.1. Local number 3N-2E-21bcl. Boise Project Board of Control. Drilled observation water-table well in sand and gravel of Pliocene age, diam 14 in, depth 58 ft, casing information not available. Lsd 2,751.1 ft above msl datum of 1935 (preliminary). MP top of casing, 0.80 ft above lsd. Highest water level 0.34 below lsd, Aug. 18, 1955; lowest 11.56 below lsd, Apr. 26, 1963. Records available: 1947-65.

Jan. 27, 1961	8.29	Apr. 27, 1962	11.18	July 29, 1963	6.93	Nov. 27, 1964	6.94
Feb. 27	8.32	May 28	8.58	Aug. 22	a21.15	Dec. 29	7.37
Mar. 29	10.30	June 28	6.68	Sept. 23	5.94	Jan. 28, 1965	8.42
Apr. 27	10.82	July 27	2.80	Oct. 28	6.07	Mar. 1	9.00
May 25	9.11	Aug. 27	5.96	Nov. 26	7.07	Apr. 2	9.91
June 26	5.28	Sept. 25	4.45	Dec. 30	8.43		10.45
July 27	3.11	Oct. 25	4.74	Jan. 30, 1964	9.33	May 27	9.69
Aug. 28	1.99	Nov. 27	6.56	Feb. 27	10.03	June 29	7.85
Sept. 26	3.31	Dec. 26	7.95	Mar. 30	10.63	July 29	6.04
Oct. 30	5.58	Jan. 25, 1963	9.26	Apr. 29	11.34	Aug. 30	5.22
Nov. 29	7.04	Feb. 25	10.12	May 28	9.10	Sept. 22	4.58
Dec. 28	8.03	Mar. 22	10.60	June 29	6.93	Oct. 28	6.01
Jan. 29, 1962	9.38	Apr. 26	11.56	July 30	5.80	Nov. 29	7.87
Feb. 27	10.31	May 27	9.79	Aug. 27	5.46	Dec. 29	9.23
Mar. 29	10.56	June 27	6.61	Oct. 26	5.67		

a Well being pumped.

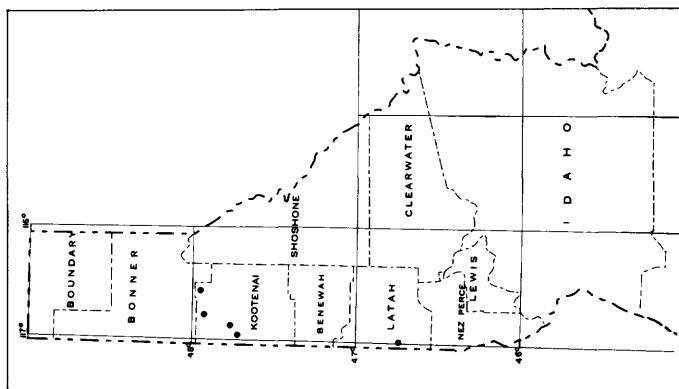
432821N1162117.1. Local number 2N-1E-32aal. Emmett Holt. Drilled unused water-table well in Snake River Group, diam 6 in, reported depth 200 ft, casing information not available. Lsd about 2,755 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 50.19 below lsd, Aug. 29, 1960; lowest 66.20 below lsd, Apr. 27, 1962. Records available: 1953, 1955-65.

Jan. 27, 1961	59.21	Apr. 27, 1962	66.20	July 29, 1963	52.27	Oct. 26, 1964	53.21
Feb. 27	60.55	May 28	62.57	Aug. 22	51.03	Nov. 27	55.74
Mar. 29	61.98	June 28	57.02	Sept. 24	51.33	Dec. 29	57.43
Apr. 27	63.86	July 27	53.17	Oct. 28	53.47	Jan. 28, 1965	59.22
May 25	60.56	Aug. 27	51.51	Nov. 26	56.08	Mar. 1	60.47
June 26	55.69	Sept. 26	51.55	Dec. 30	58.27	Apr. 2	61.17
July 27	53.06	Oct. 26	53.95	Jan. 30, 1964	59.47		60.16
Aug. 28	52.24	Nov. 27	56.48	Feb. 27	60.74	May 27	57.82
Sept. 27	53.48	Dec. 26	58.24	Mar. 30	62.13	June 29	54.84
Oct. 30	56.06	Jan. 25, 1963	59.52	Apr. 29	63.22	July 29	51.46
Nov. 29	57.51	Feb. 25	61.30	May 28	60.38	Aug. 30	51.65
Dec. 28	59.59	Mar. 21	62.19	June 29	57.02	Sept. 22	52.07
Jan. 29, 1962	61.93	Apr. 26	64.10	July 30	52.92	Oct. 28	53.65
Feb. 27	63.08	May 27	62.81	Aug. 27	51.22	Nov. 29	56.04
Mar. 29	64.94	June 27	56.05	Sept. 24	51.79	Dec. 29	57.26

## Bannock County

425808N1123050.1. Local number 5S-34E-20cb1. Margaret Nevada. Drilled unused water-table well in alluvium of Quaternary age, diam 6 in, depth 144 ft, casing information not available. Lsd about 4,455 ft above msl. MP top of 5/8-in hole in well seal, 0.32 ft above lsd (since Aug. 12, 1964). Highest water level 49.90 below lsd, Sept. 27, 1958; lowest 57.62 below lsd, Nov. 15, 1963. Records available: 1955, 1958-64. Measurement discontinued.

Jan. 25, 1961	54.76	Dec. 14, 1961	52.49	Nov. 16, 1962	51.06	Oct. 17, 1963	51.14
Feb. 20	52.50	Jan. 19, 1962	56.20	Dec. 11	51.58	Nov. 15	57.62
Mar. 20	52.64	Feb. 14	54.98	Jan. 11, 1963	52.07	Dec. 18	52.09
Apr. 21	52.87	Mar. 12	53.21	Feb. 26	52.34	Jan. 21, 1964	52.37
May 18	55.50	Apr. 11	53.20	Mar. 26	52.57	Feb. 25	54.95
June 13	52.59	May 25	52.30	Apr. 23	53.09	Mar. 23	53.80
July 13	52.48	June 19	51.99	May 24	52.79	Apr. 22	52.70
Aug. 23	52.93	July 19	51.72	June 18	53.33	May 21	53.40
Sept. 22	51.58	Aug. 21	51.13	July 19	52.38	June 17	51.81
Oct. 16	51.86	Sept. 15	50.86	Aug. 16	51.83	July 16	51.98
Nov. 15	53.09	Oct. 19	52.95	Sept. 15	51.29	Aug. 12	51.55



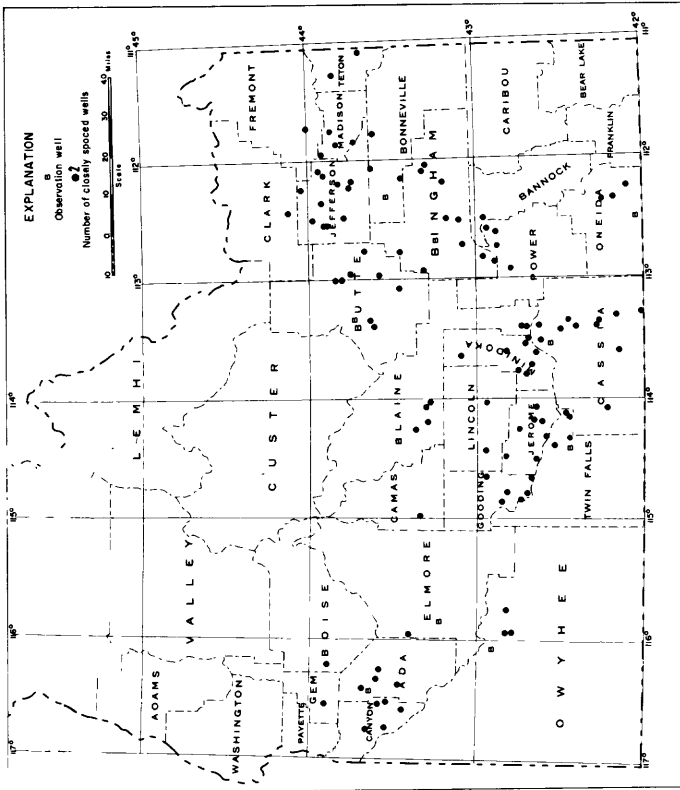


Figure 4.--Location of observation wells in Idaho, 1961-65.

## Bingham County

432658N1124700.1. Local number 2N-31E-35dcl, U.S. Geol. Survey. Drilled observation water-table well in Snake River Group, diam 6 to 5 in, depth 636 ft, 6-in casing 0-433, 5-in casing 433-636, perforated below water level. Lsd 5,023.7 ft above msl datum of 1929 (preliminary). MP top of casing, 1.49 ft above lsd. Highest water level 582.1 below lsd, Nov. 12, 1951; lowest 586.65 below lsd, May 25, 1964. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	584.75	Apr. 24, 1962	586.15	July 25, 1963	586.12	Oct. 26, 1964	585.90
Feb. 28	585.05	May 28	586.28	Aug. 26	586.15	Nov. 24	585.30
Mar. 29	585.14	June 26	586.28	Sept. 25	585.97	Dec. 23	585.17
Apr. 26	585.48	July 25	586.09	Oct. 24	585.61	Jan. 25, 1965	585.47
May 26	585.55	Aug. 24	585.93	Nov. 26	585.56	Feb. 16	585.73
June 26	585.70	Sept. 25	585.60	Dec. 27	585.64	Mar. 24	585.53
July 28	585.74	Oct. 25	585.40	Jan. 28, 1964	585.87	Apr. 20	585.69
Aug. 30	585.78	Nov. 21	585.19	Feb. 25	586.03	May 20	585.72
Sept. 26	585.75	Dec. 26	585.35	Mar. 31	586.24	June 27	585.68
Oct. 25	585.58	Jan. 24, 1963	585.40	Apr. 23	586.33	July 22	585.44
Nov. 24	585.49	Feb. 25	585.80	May 25	586.65	Aug. 23	584.90
Dec. 28	585.84	Mar. 22	585.68	June 25	586.49	Sept. 13	584.55
Jan. 31, 1962	586.10	Apr. 25	586.14	July 25	586.26	Oct. 27	584.08
Feb. 26	586.16	May 24	586.23	Aug. 24	586.15	Nov. 24	583.66
Mar. 28	586.30	June 24	586.30	Sept. 24	585.95	Dec. 27	583.79

432025N1125635.1. Local number 1S-30E-15bc1, U.S. Geol. Survey. Drilled observation water-table well in Snake River Group, diam 8 to 5 in, depth 752 ft, 6-in casing 0-570, 5-in casing 560-752. Lsd 5,133.1 ft above msl datum of 1929 (preliminary). MP top of casing, 1.36 ft above lsd. Highest water level 709.80 below lsd, Oct. 24, 1951; lowest 714.53 below lsd, May 22, 1963. Records available: 1951-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	713.00	May 23, 1962	714.33	May 22, 1963	714.53	Aug. 24, 1964	713.72
Mar. 2	713.32	June 28	714.06	June 19	713.15	Sept. 24	713.34
24	713.54	July 19	713.89	July 29	713.96	Oct. 26	712.93
Apr. 25	713.88	Aug. 22	713.51	Aug. 27	713.79	Jan. 6, 1965	713.02
June 2	713.89	Sept. 21	713.21	Sept. 24	713.50	Mar. 31	713.47
29	713.95	Oct. 25	712.70	Oct. 29	713.09	May 24	713.71
Sept. 22	713.57	Nov. 19	712.80	Nov. 26	713.15	June 30	713.40
Oct. 19	713.34	Dec. 17	713.06	Dec. 27	713.46	Sept. 14	712.18
Nov. 20	713.39	Jan. 24, 1963	713.33	Apr. 21, 1964	714.50	Oct. 14	711.60
Dec. 21	713.83	Feb. 21	713.68	May 26	714.52	Nov. 15	711.40
Jan. 22, 1962	713.23	Mar. 25	714.12	July 23	713.94	Dec. 27	711.60
Apr. 25	713.34	Apr. 25	714.22				

431838N1120720.1. Local number 1S-37E-28aa1, Utah Power & Light Co. Drilled unused water-table well in sand and gravel of Quaternary age, diam 6 in, depth 62 ft, cased to 62. Lsd about 4,600 ft above msl. MP top of casing, 1.50 ft below lsd. Highest water level 22.35 below lsd, Sept. 20, 1960; lowest 55.58 below lsd, Apr. 23, 1964. Records available: 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1961	46.63	Apr. 14, 1962	51.15	Aug. 17, 1963	28.97	Dec. 17, 1964	35.70
Mar. 23	50.59	June 20	43.88	Sept. 17	25.51	Feb. 25, 1965	47.09
Apr. 20	53.75	Aug. 23	23.64	Oct. 18	27.63	Mar. 31	50.93
June 14	44.40	Sept. 16	22.41	Dec. 19	36.49	Apr. 23	53.12
Aug. 22	27.24	Oct. 20	24.83	Mar. 24, 1964	52.42	June 16	42.80
Sept. 19	22.97	Dec. 12	34.14	Apr. 23	55.58	Aug. 11	25.58
Oct. 20	30.32	Feb. 27, 1963	47.27	June 18	49.57	Sept. 15	25.68
Dec. 15	39.47	Mar. 27	50.90	Aug. 13	26.53	Oct. 20	30.00
Feb. 15, 1962	48.93	Apr. 24	54.04	Sept. 16	24.14	Dec. 16	37.75
Mar. 13	46.03	June 19	50.23	Oct. 20	24.76		

431702N1120413.1. Local number 1S-37E-36cd1, Arvel Fielding. Formerly Warren Tew. Drilled unused water-table well in Salt Lake(?) Formation, diam 18 in, depth 415 ft, cased to 403. Lsd about 4,804 ft above msl. MP top of casing, at lsd. Highest water level 232.24 below lsd, Oct. 25, 1960; lowest 257.02 below lsd, June 16, 1965. Records available: 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1961	242.98	June 20, 1962	256.76	Sept. 17, 1963	244.44	Feb. 25, 1965	244.18
Mar. 23	245.55	Aug. 23	244.88	Oct. 18	240.66	Mar. 31	247.04
Apr. 20	248.46	Sept. 16	237.50	Dec. 19	238.61	Apr. 23	249.04
June 14	256.90	Oct. 20	233.22	Apr. 23, 1964	250.84	June 16	257.02
Aug. 22	243.70	Feb. 27, 1963	243.57	June 18	253.48	Aug. 11	247.81
Sept. 19	236.05	Mar. 27	246.11	Aug. 13	248.90	Sept. 15	236.43
Oct. 20	235.26	Apr. 24	248.98	Sept. 16	244.40	Oct. 20	235.66
Dec. 15	239.42	June 19	252.82	Oct. 20	239.56	Dec. 16	238.38
Apr. 14, 1962	248.78	Aug. 17	249.64	Dec. 17	237.64		

c Nearby well being pumped.

431421N1124130.1. Local number 2S-32E-23bb1, U.S. Bureau of Land Management. Drilled unused water-table well in Snake River Group, diam 8 in, depth 194 ft, casing information not available. Lsd 4,585.4 ft above msl datum of 1929 (preliminary). MP top of casing, 2.00 ft above lsd. Highest water level 162.75 below lsd, Oct. 19, 1951; lowest 167.80 below lsd, Apr. 24, 1963. Records available: 1951-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	167.08	July 20, 1962	166.92	Aug. 17, 1963	166.75	Jan. 17, 1965	166.73
Apr. 21	167.49	Aug. 23	166.42	Sept. 16	166.24	Feb. 25	166.99
June 14	167.44	Sept. 16	166.03	Oct. 18	165.94	Mar. 31	167.01
July 14	167.19	Oct. 20	165.69	Nov. 16	166.10	Apr. 23	167.20
Aug. 22	166.85	Nov. 17	165.90	Dec. 18	166.62	May 22	166.92
Sept. 23	166.60	Dec. 12	166.31	May 22, 1964	167.70	June 16	166.75
Oct. 18	166.57	Jan. 12, 1963	166.88	July 17	166.90	July 16	166.36
Nov. 16	166.77	Feb. 27	167.23	Aug. 13	166.67	Aug. 11	165.97
Dec. 15	167.16	Mar. 27	167.43	Sept. 16	166.30	Sept. 15	165.16
Mar. 14, 1962	167.73	Apr. 24	167.80	Oct. 20	165.91	Oct. 19	165.00
Apr. 13	167.72	May 25	167.71	Nov. 21	166.12	Nov. 20	164.92
May 26	167.55	June 19	167.02	Dec. 17	166.58	Dec. 15	165.14
June 20	167.24	July 19	167.10				

431144N1121130.1. Local number 2S-36E-36cd1. U. S. Bureau of Indian Affairs. Drilled unused water-table well in Salt Lake(?) Formation, diam 6 in, depth 98 ft, cased to 97. Lsd about 4,636 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 74.57 below lsd, Oct. 25, 1959; lowest 77.45 below lsd, June 14, 1961. Records available: 1955, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1961	75.27	June 20, 1962	76.63	Aug. 17, 1963	76.06	Dec. 17, 1964	76.28
Mar. 23	75.35	Aug. 23	76.06	Sept. 17	75.94	Feb. 25, 1965	76.06
Apr. 20	76.40	Sept. 16	75.93	Oct. 18	75.83	Mar. 31	76.00
June 14	77.45	Oct. 20	75.84	Dec. 19	76.47	Apr. 23	76.25
Aug. 22	75.43	Dec. 12	75.88	Apr. 23, 1964	76.12	June 16	76.17
Sept. 19	75.46	Feb. 27, 1963	76.43	June 18	76.19	Aug. 11	75.88
Oct. 20	75.50	Mar. 27	76.18	Aug. 13	75.70	Sept. 15	75.60
Dec. 15	75.64	Apr. 24	76.42	Sept. 16	75.62	Oct. 20	75.93
Mar. 13, 1962	75.98	June 19	76.43	Oct. 20	76.06	Dec. 16	75.82
Apr. 14	76.10						

431046N123029.1. Local number 3S-34E-8bal. Heber M. Fackrell. Drilled domestic (previously reported unused) water-table well in Snake River Group, diam 7 in, depth 37 ft, galvanized iron casing to 5. Lsd 4,447.5 ft above msl datum of 1929 (preliminary adj.). MP top of casing, 0.75 ft above lsd. Highest water level 14.80 below lsd, Oct. 4, 1952; lowest 27.40 below lsd, Apr. 24, 1963. Records available: 1952-65.

Jan. 26, 1961	26.14	Apr. 17, 1962	26.91	June 19, 1963	22.73	Nov. 21, 1964	23.70
Feb. 21	25.09	May 26	21.78	July 19	25.61	Dec. 17	25.32
Mar. 23	26.77	June 20	19.62	Aug. 17	b19.60	Jan. 17, 1965	25.58
Apr. 21	24.15	July 20	b18.88	Sept. 16	18.61	Feb. 25	26.10
May 18	23.70	Aug. 22	17.50	Oct. 18	21.13	Mar. 30	26.23
June 14	a27.49	Sept. 16	18.31	Nov. 16	23.61	Apr. 23	26.44
July 14	19.98	Oct. 19	21.15	Dec. 18	25.67	May 22	25.08
Aug. 22	a26.95	Nov. 17	23.62	Jan. 21, 1964	26.15	June 16	18.67
Sept. 23	22.79	Dec. 12	25.19	Apr. 23	26.49	July 16	18.33
Oct. 18	23.60	Jan. 12, 1963	26.19	May 22	26.72	Aug. 11	18.57
Nov. 16	25.30	Feb. 27	26.61	July 17	19.12	Sept. 15	19.68
Dec. 15	26.40	Mar. 27	27.01	Aug. 13	17.65	Oct. 20	21.17
Jan. 21, 1962	27.11	Apr. 24	27.40	Sept. 16	18.55	Nov. 20	22.59
Feb. 15	26.48	May 25	26.66	Oct. 20	19.96	Dec. 15	24.03
Mar. 13	26.29						

a Well being pumped.

b Well pumped recently.

430458N1124311.1. Local number 4S-32E-9cd1. Bob Chandler. Drilled domestic water-table well in Snake River Group, diam 6 in, depth 105 ft, cased to 105. Lsd 4,438.9 ft above msl datum of 1929 (preliminary adj.). MP tap hole in northeast side of casing, 5.10 ft below lsd. Highest water level 28.8 below lsd, Aug. 27, 1949; lowest 37.49 below lsd, Oct. 24, 1959. Records available: 1926-28, 1941, 1944-49, 1952-65.

Jan. 26, 1961	35.31	May 26, 1962	34.55	July 19, 1963	32.42	Nov. 20, 1964	b34.39
Feb. 21	35.58	June 20	33.53	Aug. 16	30.31	Dec. 17	34.69
Mar. 23	35.75	July 20	31.22	Sept. 16	30.59	Jan. 16, 1965	34.93
Apr. 21	35.96	Aug. 22	31.56	Oct. 17	31.79	Feb. 25	35.85
May 18	34.25	Sept. 15	30.04	Nov. 16	33.69	Mar. 27	36.73
June 13	32.25	Oct. 19	31.27	Jan. 21, 1964	35.38	Apr. 23	35.90
July 14	b34.30	Nov. 16	33.66	Mar. 24	37.36	May 22	33.67
Aug. 22	b33.16	Dec. 12	35.65	Apr. 23	35.76	June 16	31.91
Sept. 22	33.10	Jan. 11, 1963	35.08	May 22	35.31	July 16	30.11
Oct. 16	32.70	Feb. 27	35.69	June 17	32.00	Aug. 11	29.36
Nov. 16	35.12	Mar. 27	36.32	July 17	32.56	Sept. 15	29.89
Jan. 20, 1962	35.56	Apr. 24	36.03	Aug. 13	31.38	Oct. 20	31.51
Feb. 14	36.13	May 25	b37.03	Sept. 16	30.43	Nov. 20	33.60
Mar. 13	36.95	June 19	33.23	Oct. 20	32.56	Dec. 15	34.19
Apr. 15	b36.96						

b Well pumped recently.

430547N1123045.1. Local number 4S-34E-5cd1. U.S. Geol. Survey. Drilled observation water-table well in gravel of Quaternary age, diam 6 in, depth 31 ft, cased to 31. Lsd 4,405.2 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 2.20 ft above lsd. Highest water level 2.77 below lsd, May 21, 1957; lowest 5.28 below lsd, July 21, 1959. Records available: 1955-65.

Jan. 26, 1961	4.27	May 26, 1962	4.46	Aug. 16, 1963	4.04	Nov. 20, 1964	3.70
Feb. 21	3.90	June 20	4.77	Sept. 16	3.98	Dec. 17	3.84
Mar. 23	4.16	July 21	4.91	Oct. 17	3.72	Jan. 16, 1965	3.93
Apr. 21	4.34	Aug. 22	4.74	Nov. 16	3.62	Feb. 25	3.94
June 13	4.51	Sept. 16	4.19	Dec. 18	3.99	Mar. 30	3.96
July 14	4.95	Oct. 19	3.93	Jan. 21, 1964	4.15	Apr. 23	3.67
Aug. 23	4.77	Nov. 16	3.89	Feb. 26	4.35	May 22	4.23
Sept. 22	3.86	Dec. 12	4.11	Mar. 24	4.23	June 16	4.38
Oct. 18	3.79	Jan. 12, 1963	4.21	Apr. 22	3.98	July 16	4.66
Nov. 16	3.76	Feb. 27	3.92	May 22	4.57	Aug. 11	4.57
Dec. 15	3.97	Mar. 26	4.11	June 17	3.62	Sept. 15	4.04
Jan. 20, 1962	4.36	Apr. 24	4.18	July 17	4.69	Oct. 20	3.61
Feb. 15	3.71	May 25	4.43	Aug. 13	4.58	Nov. 20	3.52
Mar. 13	3.96	June 19	3.53	Sept. 16	4.07	Dec. 15	3.73
Apr. 13	4.47	July 19	3.95	Oct. 20	3.84		

425750N1124849.1. Local number 5S-31E-27ab1. Woodrow Youngstrom. Drilled unused water-table well in Snake River Group, diam 16 to 12 in, depth 46 ft, cased to 20. Lsd 4,399.8 ft above msl datum of 1929, (preliminary adj.). MP top of casing, 0.50 ft above lsd. Highest water level 10.10 below lsd, Sept. 4, 1956; lowest 25.84 below lsd, Apr. 28, 1961. Records available: 1945-49, 1952-65.



425750N1124849.1--Continued.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	21.74	23.47	24.33	25.33	25.33	20.50	17.00	15.34	15.39	18.17	19.97	21.67
10	22.14	23.54	24.63	25.43	24.86	19.58	16.32	15.74	16.21	18.16	19.97	21.89
15	22.33	23.66	24.62	25.62	24.18	19.00	15.85	15.76	16.82	18.40	20.37	22.17
20	.....	24.08	24.94	25.67	23.84	18.39	15.33	.....	17.33	18.42	20.54	22.53
25	.....	24.17	24.90	25.77	23.25	18.16	15.42	15.03	17.76	18.98	21.02	22.64
Eom	23.10	24.40	25.24	25.77	21.47	17.82	15.47	15.37	18.00	19.33	21.28	23.21
1962												
5	23.38	24.61	24.56	24.75	25.37	19.82	15.60	12.76	12.26	12.12	15.67	18.90
10	23.67	24.71	24.53	24.76	25.27	19.04	14.12	13.04	11.56	12.10	16.41	19.28
15	23.80	.....	24.78	24.80	23.64	18.18	14.57	13.17	11.26	12.86	16.90	19.50
20	23.55	.....	24.52	24.85	22.20	17.61	14.35	12.92	11.79	13.49	17.36	20.11
25	24.12	.....	24.62	25.01	21.07	17.50	13.54	12.35	11.78	14.22	17.94	20.40
Eom	24.46	.....	24.60	25.25	20.60	16.72	12.51	12.24	12.31	15.12	18.33	20.71
1963												
5	21.17	22.70	23.60	24.49	25.29	20.03	.....	12.73	11.47	14.74	15.39	18.60
10	21.18	22.56	23.61	24.65	25.18	.....	.....	12.98	12.46	14.58	16.24	18.94
15	21.66	23.00	23.61	24.67	25.10	.....	.....	13.12	12.80	15.06	16.63	19.40
20	22.06	23.20	24.13	24.87	24.91	19.28	15.17	12.84	13.24	13.86	17.03	19.69
25	22.04	23.41	24.31	25.00	23.83	19.02	14.39	12.40	13.91	14.17	17.87	20.04
Eom	22.43	23.46	24.31	25.15	21.15	18.76	13.19	12.36	14.64	14.96	18.18	20.55
1964												
5	20.78	22.52	23.75	23.86	23.34	18.87	16.87	11.54	11.72	12.81	15.19	18.21
10	21.18	22.68	24.07	23.62	23.58	18.62	16.12	12.68	11.71	12.92	15.41	18.28
15	.....	22.88	24.33	23.39	23.62	18.46	15.24	12.34	11.78	13.04	16.34	18.55
20	.....	23.37	24.39	23.29	23.35	18.38	13.98	12.33	11.07	13.59	16.84	19.00
25	21.99	.....	24.64	23.36	21.98	18.29	13.24	12.15	11.33	13.79	17.06	18.84
Eom	22.40	23.58	24.58	23.44	19.51	17.77	12.90	10.63	12.01	14.56	17.56	18.71
1965												
5	18.87	20.37	21.92	23.01	24.02	19.98	15.81	11.85	13.12	12.86	15.13	18.33
10	19.35	20.79	22.08	23.12	24.27	18.19	.....	12.36	13.35	13.36	15.78	18.54
15	19.63	21.11	22.20	23.43	24.28	17.82	.....	12.19	13.16	13.56	16.48	18.89
20	19.66	21.26	22.51	23.66	23.89	17.16	14.10	12.03	13.06	14.02	16.92	19.34
25	20.00	21.58	22.59	23.81	22.94	16.77	12.66	12.46	12.94	12.89	17.27	19.54
Eom	20.23	21.57	22.85	23.92	21.03	16.26	11.29	13.17	13.15	14.44	17.82	19.97

425204N1125213.1. Local number 6S-31E-30da1. Bartholoma Bros. Drilled unused water-table well in Snake River Group, diam 7 in, depth 78 ft, casing information not available. Lsd 4,415.0 ft above msl datum of 1929 (preliminary adj.). MP top of  $\frac{1}{4}$ -in hole in pumpbase, 0.50 ft above lsd. Highest water level 40.39 below lsd, Aug. 22, 1960; lowest 52.63 below lsd, Apr. 21, 1961. Records available: 1952-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	51.04	Apr. 11, 1962	51.86	July 19, 1963	45.45	Oct. 19, 1964	42.56
Feb. 21	51.92	May 25	48.60	Aug. 16	42.79	Nov. 20	46.31
Mar. 22	52.41	June 19	46.38	Sept. 16	43.65	Dec. 16	47.86
Apr. 21	52.63	July 20	43.47	Oct. 17	44.29	Jan. 16, 1965	48.43
May 18	50.15	Aug. 22	42.64	Nov. 16	46.59	Feb. 24	49.46
June 13	46.98	Sept. 15	43.51	Dec. 18	48.79	Mar. 27	50.32
July 14	45.46	Oct. 19	42.87	Jan. 21, 1964	50.08	Apr. 23	50.83
Aug. 23	45.75	Nov. 16	46.52	Feb. 25	50.52	May 22	50.00
Sept. 22	47.82	Dec. 11	48.41	Mar. 24	51.83	June 15	44.93
Oct. 18	47.98	Jan. 11, 1963	49.82	Apr. 22	48.65	July 16	43.65
Nov. 15	50.11	Feb. 27	50.86	May 22	51.04	Aug. 10	41.44
Dec. 14	51.41	Mar. 26	51.32	June 17	46.78	Sept. 14	43.00
Jan. 19, 1962	52.45	Apr. 24	51.58	July 17	44.36	Oct. 19	42.37
Feb. 14	52.34	May 25	51.12	Aug. 12	42.65	Nov. 19	45.76
Mar. 13	52.20	June 18	47.47	Sept. 15	42.23	Dec. 15	47.20

## Blaine County

432215N1141500.1. Local number 1N-18E-38dd1. A. L. Montgomery. Drilled domestic and atock water-table well in sand and gravel of Quaternary age, diam 6 in, reported depth 44 ft, cased to 44, open bottom. Lsd 4,963.6 ft (previously reported 4,962.9 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 3.30 ft below lsd. Highest water level 6.37 below lsd, Aug. 14, 1965; lowest 35.12 below lsd, Mar. 27, 1961. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1961	34.65	Apr. 17, 1962	32.70	July 21, 1963	a10.32	Nov. 24, 1964	24.62
Feb. 25	34.97	May 29	a19.56	Aug. 20	15.54	Dec. 20	27.64
Mar. 27	35.12	June 24	12.20	Sept. 20	19.21	Jan. 19, 1965	27.19
Apr. 22	33.86	July 24	a12.68	Oct. 21	20.36	Feb. 28	29.42
May 20	30.70	Aug. 26	b16.60	Nov. 20	23.20	Apr. 3	b30.15
June 16	b25.35	Sept. 20	15.17	Dec. 22	26.72	May 26	28.88
July 8	a23.19	Oct. 23	b21.06	Jan. 24, 1964	b28.68	May 25	19.10
Aug. 26	29.99	Nov. 20	22.57	Mar. 27	a30.36	June 19	b11.39
Sept. 23	31.65	Dec. 16	24.62	Apr. 27	b28.80	July 19	b5.05
Oct. 22	31.74	Jan. 15, 1963	28.43	May 26	23.09	Aug. 14	6.37
Nov. 19	32.36	Mar. 3	29.73	June 21	11.92	Sept. 18	10.02
Dec. 19	b33.92	30	b30.79	July 19	b10.98	Oct. 23	15.95
Jan. 24, 1962	34.60	Apr. 28	29.00	Aug. 16	b12.41	Nov. 23	21.50
Feb. 19	34.51	May 28	21.53	Sept. 19	b15.49	Dec. 18	25.66
Mar. 17	34.53	June 23	10.20	Oct. 23	23.34		

a Well being pumped.

b Well pumped recently.

431950N1141040.1. Local number 1S-19E-22aa1. Blaine County. Drilled observation artesian well in sand and gravel of Quaternary age, diam 6 in, reported depth 150 ft, cased to 116, perforated below water level. Led 4,885.4 ft (previously reported 4,885.1 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing cap, 1.00 ft above lsd, Highest water level 9.9 above lsd, July 25, 1958; lowest 4.0 above lsd, Aug. 25, 1961. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1961	+5.2	June 24, 1962	+8.3	Sept. 20, 1963	+7.8	Nov. 24, 1964	+6.7
Feb. 25	5.4	July 24	7.7	Oct. 21	7.2	Dec. 20	6.6
Mar. 27	4.7	Aug. 26	7.7	Nov. 20	7.7	Jan. 19, 1965	6.7
Apr. 22	4.2	Sept. 19	7.1	Dec. 22	7.5	Feb. 28	5.9
Aug. 25	4.0	Nov. 20	7.1	Jan. 24, 1964	6.6	Apr. 3	6.1
Sept. 23	5.4	Dec. 16	6.6	Mar. 1	6.2	May 26	5.9
Oct. 22	6.0	Jan. 15, 1963	6.0	27	5.9	May 25	7.1
Nov. 19	5.4	Mar. 3	5.9	Apr. 27	5.7	June 19	7.7
Dec. 19	5.4	30	5.7	May 26	4.7	July 19	7.9
Jan. 24, 1962	5.1	Apr. 28	5.4	June 21	7.6	Aug. 14	8.7
Feb. 19	5.3	May 28	6.2	July 19	6.7	Sept. 18	9.0
Mar. 17	5.2	June 23	9.0	Aug. 16	5.6	Oct. 23	7.4
Apr. 17	5.8	July 21	7.7	Sept. 19	6.2	Dec. 18	6.7
May 29	7.3	Aug. 20	8.2	Oct. 23	7.0		

431840N1140405.1. Local number 1S-20E-27bd1. Blaine County. Drilled observation water-table well in Snake River Group, diam 6 in, reported depth 140 ft, cased to 92. Led 4,828.8 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of hole in casing cap, 0.94 ft above lsd. Highest water level 55.43 below lsd, Aug. 15, 1957; lowest 70.77 below lsd, Apr. 22, 1961. Records available: 1954-65.

Jan. 29, 1961	69.81	Apr. 17, 1962	67.83	June 23, 1963	67.44	Oct. 23, 1964	65.62
Feb. 24	69.92	May 29	65.61	July 21	60.85	Nov. 24	67.03
Mar. 27	70.42	June 24	62.09	Aug. 20	63.05	Jan. 19, 1965	65.93
Apr. 22	70.77	July 24	61.07	Sept. 20	64.51	Feb. 28	67.35
May 20	68.09	Aug. 26	56.93	Oct. 21	65.75	Apr. 3	67.71
June 16	67.59	Sept. 19	62.17	Nov. 20	66.05	May 26	67.90
July 8	64.99	Oct. 23	64.98	Dec. 22	67.72	May 25	67.80
Aug. 25	61.59	Nov. 20	66.56	Mar. 1, 1964	69.54	June 19	62.00
Sept. 23	65.30	Dec. 16	67.49	Apr. 27	68.20	July 19	59.06
Oct. 22	66.65	Jan. 15, 1963	66.62	May 26	68.96	Aug. 14	80.56
Nov. 18	68.12	Mar. 3	67.46	June 21	65.65	Sept. 18	62.13
Dec. 19	69.42	30	66.76	July 19	58.72	Oct. 23	64.55
Jan. 24, 1962	70.20	Apr. 28	69.07	Aug. 16	59.61	Nov. 23	65.72
Feb. 19	66.74	May 28	69.63	Sept. 19	64.03	Dec. 18	66.76
Mar. 17	69.96						

431650N1140129.2. Local number 2S-20E-1ac2. R. N. Leazenby. Drilled observation water-table well in sand and gravel of Quaternary age, diam 10 in, depth 208 ft, cased to 208, perforated 185-194, 197-206. Led 4,790.1 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top east side of casing, 1.20 ft above lsd. Highest water level 125.04 below lsd, Sept. 25, 1965; lowest 152.34 below lsd, Apr. 25-26, 1961. Records available: 1954-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	151.55	151.46	152.08	149.82	148.08	147.69	146.08	145.74	147.24	149.14
10	.....	.....	151.78	151.73	152.12	149.63	147.88	147.62	145.47	145.71	147.51	149.74
15	.....	.....	151.79	152.05	151.83	149.20	147.63	147.42	144.92	145.96	147.99	149.75
20	.....	.....	151.31	152.17	151.47	148.92	147.66	147.34	144.54	146.12	148.29	149.75
25	.....	.....	151.44	151.14	152.34	150.80	148.81	147.54	.....	145.56	148.51	148.69
Eom	.....	.....	151.52	151.29	152.22	150.04	148.54	147.65	146.54	145.98	146.71	148.93

1962

5	150.64	.....	149.56	.....	.....	.....	.....	138.41	139.26	139.46	140.02	141.39
10	150.76	.....	149.87	.....	.....	.....	.....	138.24	138.71	138.81	140.64	141.88
15	151.02	.....	150.32	.....	.....	.....	.....	138.93	138.61	138.61	140.88	.....
20	150.94	148.10	150.50	.....	.....	.....	.....	139.58	139.18	138.38	141.38	.....
25	150.41	148.57	150.37	.....	.....	.....	.....	140.00	139.74	140.00	141.53	.....
Eom	.....	149.04	148.86	.....	.....	.....	.....	139.00	139.63	140.13	139.56	.....

1963

5	.....	143.99	143.78	148.63	149.72	149.10	144.78	142.19	138.66	139.68	143.69	144.92
10	.....	.....	144.13	148.75	149.65	148.07	144.26	141.63	138.45	140.61	143.24	146.51
15	147.02	.....	145.04	149.09	149.81	145.56	143.56	140.57	138.49	141.15	145.19	146.35
20	147.11	.....	146.62	149.44	149.62	144.32	143.12	139.93	138.60	141.90	143.39	146.62
25	146.43	.....	147.50	149.30	149.02	144.03	142.54	139.25	138.20	142.52	143.51	147.20
Eom	145.48	.....	148.08	149.66	149.34	144.72	142.28	139.29	138.85	143.47	144.16	147.88

1964

5	148.28	147.47	150.51	150.24	147.85	148.55	144.78	142.20	141.05	143.40	146.39	147.77
10	148.87	148.38	150.84	147.50	148.91	147.65	143.90	142.22	141.26	143.98	146.60	148.37
15	148.83	148.95	151.02	144.90	149.22	146.83	.....	.....	141.50	144.54	147.04	148.73
20	147.00	149.60	151.15	145.02	148.86	146.46	142.90	141.97	141.74	.....	147.59	148.37
25	145.94	149.99	151.18	145.52	148.91	145.68	142.62	141.89	141.83	145.60	147.75	143.00
Eom	146.49	.....	151.17	146.41	148.73	145.56	142.18	141.45	142.25	145.96	147.81	139.06

1965

5	140.63	146.53	150.05	150.22	151.25	148.16	139.07	135.45	.....	126.62	133.64	141.06
10	142.01	147.61	149.89	149.79	151.45	147.07	137.64	134.30	.....	127.74	134.87	142.23
15	143.71	148.56	149.60	150.20	151.58	146.08	136.87	133.50	.....	128.59	136.60	143.16
20	144.66	149.30	150.03	150.63	150.84	145.10	136.68	131.32	.....	125.34	130.21	144.46
25	145.66	149.79	150.30	150.81	150.07	143.47	136.29	.....	.....	125.04	131.38	137.68
Eom	146.25	149.77	150.51	151.09	148.86	141.35	136.35	.....	.....	125.92	132.52	139.14

424341N1132415.1. Local number 8S-26E-15bc1, James Hruza. Drilled stock water-table well in Snake River Group, diam 6 in, reported depth 189 ft, cased to 16. Lsd 4,270.3 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of hole in east side of well seal, 5.70 ft below lsd (since Mar. 27, 1963). Highest water level 162.15 below lsd, May 13, 1954; lowest 181.25 below lsd, Sept. 13, 1963. Records available: 1948-65. Well deepened in May 1962 to depth of 234 ft.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1961	176.20	May 23, 1962	179.04	Sept. 13, 1963	181.25	Nov. 18, 1964	179.65
May 18	177.23	July 18	180.53	Nov. 14	179.34	Jan. 13, 1965	179.17
July 12	177.19	Sept. 12	180.33	Jan. 15, 1964	179.36	Mar. 25	178.95
Sept. 20	178.59	Nov. 14	178.78	Mar. 25	179.35	May 19	178.87
Nov. 13	181.00	Jan. 9, 1963	178.69	May 20	179.60	July 14	182.44
Jan. 17, 1962	178.09	May 23	179.19	July 15	180.99	Sept. 16	180.25
Mar. 15	179.13	July 17	180.93	Sept. 17	183.90	Nov. 17	178.43

a Well being pumped.

424213N1132355.1. Local number 8S-26E-22ab1, U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in, reported depth 225 ft, 8-in casing 0-104, 6-in casing 0-179, cemented bottom. Lsd 4,238.5 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 8-in casing, 0.20 ft below lsd. Highest water level 125.78 below lsd, Nov. 5, 1953; lowest 136.60 below lsd, May 30, 1964. Records available: 1951-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	133.98	.....	134.52	134.33	134.00	133.94	134.47	134.55
10	132.77	.....	.....	.....	133.86	.....	134.49	134.25	134.18	134.03	134.11	134.48
15	132.72	.....	.....	.....	134.08	.....	134.47	134.07	134.11	134.09	134.20	134.57
20	132.82	.....	.....	.....	134.05	.....	134.34	134.16	135.91	133.89	134.10	134.76
25	132.77	.....	.....	.....	134.16	.....	134.36	134.01	134.11	134.11	134.36	134.62
Eom	.....	.....	.....	133.88	134.20	134.78	134.34	133.97	134.10	134.03	134.36	135.08

1962

5	.....	135.33	135.50	135.72	135.82	135.85	135.75	135.66	134.98	134.37	133.95	134.21
10	135.20	135.27	135.39	135.75	135.79	135.78	135.90	135.54	134.77	134.24	134.00	.....
15	135.11	135.28	135.55	135.54	135.84	135.72	135.92	136.31	134.92	134.42	134.01	134.12
20	134.72	135.24	135.40	135.48	135.94	135.90	135.88	136.25	134.59	134.28	133.93	134.48
25	.....	135.39	135.65	135.58	135.86	135.81	135.78	136.12	134.64	134.08	134.08	134.50
Eom	135.25	135.51	135.71	135.89	135.90	135.84	135.76	135.05	134.75	134.03	134.00	134.42

1963

5	134.70	.....	135.41	135.41	135.81	135.49	135.36	135.69	135.27	134.75	134.28	134.53
10	134.38	.....	135.16	.....	135.70	135.53	135.41	135.63	135.21	134.69	134.44	134.60
15	134.69	135.26	135.03	.....	135.67	135.60	135.43	135.60	134.99	134.60	.....	134.70
20	.....	135.27	135.56	135.59	.....	135.25	135.55	135.57	135.09	134.53	134.18	134.73
25	.....	135.42	135.68	135.57	135.71	135.50	135.70	135.52	135.07	134.44	134.07	134.76
Eom	.....	135.37	135.34	135.65	135.56	135.39	135.68	135.42	134.92	134.61	134.46	135.02

1964

5	135.10	135.42	.....	.....	136.09	136.47	136.23	136.31	135.74	135.46	.....	135.12
10	135.12	135.44	.....	.....	136.26	136.59	136.36	136.18	135.93	135.29	.....	134.84
15	135.35	.....	.....	.....	136.23	136.34	136.27	136.10	135.79	135.03	.....	134.77
20	135.14	.....	.....	.....	136.23	136.39	136.28	136.12	.....	135.09	.....	135.01
25	135.42	.....	.....	.....	136.25	136.47	136.14	136.29	135.98	135.34	.....	134.58
Eom	135.57	.....	.....	.....	136.20	136.56	136.18	136.17	135.74	135.46	.....	134.88

1965

5	135.18	135.16	135.59	135.59	135.83	135.78	135.77	135.55	134.73	134.25	133.84	133.76
10	135.24	135.41	135.58	135.52	135.76	135.80	135.62	135.46	134.67	134.20	133.74	133.59
15	135.37	135.54	135.56	135.75	135.74	135.69	135.61	135.36	134.49	133.99	133.79	133.73
20	135.10	135.33	135.66	135.73	.....	135.87	135.52	135.27	.....	134.22	133.75	133.80
25	135.36	135.61	135.63	135.77	135.78	135.63	135.56	135.09	134.29	.....	133.63	133.74
Eom	135.19	135.43	135.63	135.69	135.60	135.71	135.60	135.01	134.54	.....	133.66	133.90

### Boise County

435400N1161221.1. Local number 7N-2E-34ca1. Jack N. Kohtala. Dug domestic water-table well in alluvium of Quaternary age, diam 60 to 36 in, reported depth 42 ft, cribbed with rock and concrete to 42. Lsd 2,649.6 ft above msl datum of 1929 (unadjusted). MP top of hole in steel cover, 0.90 ft above lsd. Highest water level 31.6 below lsd, May 12, 1943; lowest 43.1 below lsd, July 23, 1947. Records available: 1943-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1961	41.0	May 17, 1961	39.9	Sept. 27, 1961	40.2	Feb. 7, 1962	40.2
11	40.7	24	39.9	Oct. 3	40.2	14	40.1
18	40.8	31	40.2	11	40.3	21	40.0
25	40.8	June 7	39.9	18	40.3	28	39.9
Feb. 1	40.8	14	39.1	25	39.9	Mar. 7	40.1
8	40.5	21	39.8	Nov. 1	40.3	14	39.9
15	40.6	28	39.6	8	39.7	21	39.9
22	40.6	July 5	40.2	15	40.9	28	40.7
Mar. 1	41.5	12	39.1	22	41.5	Apr. 4	40.1
8	39.8	19	39.7	29	41.8	11	40.9
15	39.7	26	39.8	Dec. 6	40.8	17	40.6
22	41.5	Aug. 2	39.9	13	40.3	24	40.2
29	39.7	9	40.3	20	40.3	May 2	40.0
Apr. 5	39.1	16	39.7	27	40.1	9	40.5
12	39.1	23	39.7	Jan. 3, 1962	40.1	16	41.7
19	39.2	30	40.4	10	40.2	23	40.6
26	39.3	Sept. 6	40.2	17	40.3	30	41.2
May 3	40.4	13	39.7	24	40.1	June 6	40.6
10	39.8	20	40.1	31	40.3	14	40.6

435400N1161221.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 20, 1962	40.7	May 15, 1963	40.3	Apr. 8, 1964	39.6	Feb. 17, 1965	35.7
27	41.0	22	41.1	15	39.9	24	35.6
July 4	41.6	29	40.7	22	40.8	Mar. 3	35.7
11	40.7	June 5	40.3	29	39.6	10	35.7
18	40.9	12	40.2	May 6	39.9	17	35.8
25	41.3	19	41.2	13	39.7	24	35.8
Aug. 1	40.6	26	40.7	20	40.5	31	36.8
8	40.4	July 3	41.2	27	40.0	Apr. 7	36.0
15	41.1	10	40.3	June 3	39.4	14	36.2
22	40.9	17	40.0	10	39.3	21	36.3
29	40.2	24	40.6	17	39.4	28	36.4
Sept. 5	40.8	31	40.4	24	40.1	May 5	35.7
12	40.6	Aug. 7	40.4	July 1	39.3	12	35.7
19	40.7	14	40.6	8	39.1	19	36.1
26	40.8	21	40.8	15	39.1	26	35.6
Oct. 3	39.6	28	39.7	22	39.9	June 2	36.9
10	39.8	Sept. 4	40.6	29	39.4	11	37.1
17	40.6	11	40.6	5	40.1	16	36.1
24	40.6	18	40.6	12	39.6	23	36.0
31	40.9	25	41.2	19	39.4	30	36.8
Nov. 7	40.8	Oct. 2	41.4	26	39.3	July 7	36.8
14	40.6	16	39.1	Sept. 2	39.6	14	36.1
21	40.4	18	36.4	9	39.9	21	36.5
28	40.5	23	35.6	16	40.0	28	35.9
Dec. 5	40.4	30	36.3	23	39.7	Aug. 4	36.3
12	40.5	Nov. 6	37.8	30	39.8	11	36.2
19	40.5	13	38.1	Oct. 7	39.4	18	36.3
26	40.7	21	37.9	14	39.9	25	36.7
Jan. 3, 1963	40.6	27	39.8	21	39.8	Sept. 1	35.8
9	40.3	Dec. 4	40.0	28	39.5	8	36.0
16	40.6	11	40.0	Nov. 4	39.9	15	36.5
23	40.3	18	39.9	11	39.6	22	35.8
30	40.3	25	40.3	18	39.7	29	35.8
Feb. 6	40.2	Jan. 1, 1964	39.7	25	39.5	Oct. 6	36.3
13	40.2	8	39.9	Dec. 2	39.5	13	36.1
20	39.9	15	39.4	9	38.8	20	36.5
27	40.1	22	40.0	16	39.2	27	36.4
Mar. 6	40.2	29	39.8	23	39.5	Nov. 3	36.3
13	40.0	Feb. 5	40.0	30	39.3	10	36.4
20	40.0	12	39.1	Jan. 6, 1965	39.6	17	36.2
26	40.2	19	39.1	13	39.4	24	36.4
Apr. 3	40.1	26	39.2	20	39.2	Dec. 1	36.5
10	40.0	Mar. 4	40.0	27	39.6	8	36.3
17	39.8	11	40.1	Feb. 3	39.6	15	36.1
24	39.8	18	39.9	10	37.6	22	35.7
May 1	40.6	25	40.1	15	35.9	29	36.3
8	40.0	Apr. 1	39.7				

Bonneville County

432630N1121054.1. Local number 1N-36E-1cc1. U. S. Bureau of Reclamation. Drilled test water-table well in Snake River Group, diam 16 in, depth 217 ft, cased to 185, open end, perforated 150-182. Lsd 4,674.0 ft above msl datum o' 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 1.40 ft above lsd (since June 15, 1964). Highest water level 144.19 below lsd, Oct. 9, 1960; lowest 157.28 below lsd, May 18, 1962, May 30, 1964. Records available: 1958, 1960-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	148.25	.....	.....	153.72	155.48	.....	.....	.....	.....	147.70	148.52	149.62
10	148.69	.....	.....	153.96	.....	.....	.....	.....	.....	147.60	148.31	149.79
15	148.93	.....	.....	154.40	.....	.....	.....	.....	.....	147.98	148.65	150.00
20	.....	.....	.....	154.64	.....	.....	.....	.....	.....	147.78	147.69	148.58
25	.....	.....	.....	152.82	154.94	.....	.....	.....	.....	147.94	148.05	149.00
Eom	.....	.....	153.43	155.27	.....	.....	.....	.....	147.77	147.98	149.22	151.38

1962

5	151.60	.....	.....	155.98	157.15	156.92	154.81	.....	148.12	146.48	145.51	147.00
10	151.87	.....	.....	156.10	157.17	156.74	154.54	.....	147.56	145.22	145.74	147.24
15	.....	.....	154.99	156.28	157.16	156.33	154.01	.....	147.28	145.43	145.83	147.34
20	.....	.....	154.98	156.41	157.21	156.31	153.68	.....	146.60	145.48	146.01	147.88
25	.....	.....	155.43	156.72	157.10	155.77	.....	149.24	146.40	145.54	146.40	148.07
Eom	.....	.....	155.71	157.02	157.10	155.32	.....	148.56	146.15	145.68	146.54	148.37

1963

5	148.84	150.69	152.29	154.05	155.99	156.53	155.52	152.96	.....	147.70	147.23	.....
10	148.71	150.70	152.40	154.32	.....	156.38	155.33	152.36	.....	147.70	147.46	.....
15	149.31	151.22	152.46	154.45	156.43	156.34	155.00	151.82	.....	147.59	147.37	.....
20	149.75	151.50	153.25	154.84	156.57	155.97	154.78	151.23	148.46	147.42	147.40	.....
25	149.70	151.92	153.64	155.25	156.65	155.93	154.25	.....	148.32	147.34	147.96	.....
Eom	150.04	152.02	153.65	155.61	156.63	155.71	153.54	.....	147.96	147.57	148.25	.....

432630N1121054.1--Continued.

1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	.....	156.45	157.26	155.21	152.55	149.04	147.30	146.63
10	.....	.....	.....	.....	156.91	156.75	155.05	151.89	148.84	146.90	146.27
15	.....	.....	.....	.....	157.03	156.50	154.54	151.22	148.49	146.60	146.75
20	.....	.....	.....	.....	157.11	156.16	154.18	150.61	147.91	146.82	146.95
25	.....	.....	.....	.....	156.24	157.27	155.77	153.88	150.13	147.37	146.42
Eom	.....	.....	.....	.....	156.44	157.26	155.47	153.08	149.37	147.24	146.57

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	148.97	150.73	152.50	153.65	155.00	155.48	153.76	151.17	148.06	146.57	148.92
10	149.43	151.12	152.63	153.75	155.40	155.38	153.40	150.62	147.72	146.65	146.88
15	149.92	151.52	152.77	154.33	155.52	154.92	153.15	150.15	147.35	146.40	146.94
20	149.86	151.71	153.12	154.48	155.53	154.86	152.65	149.48	147.18	146.88	147.09
25	150.11	152.13	153.14	154.83	155.50	154.32	152.28	148.90	146.73	146.97	146.99
Eom	150.48	152.01	153.52	155.01	155.38	153.98	151.82	148.62	146.87	146.98	147.44

433212N1121915.1. Local number 2N-35E-2bb1. U. S. Atomic Energy Commission. Drilled observation water-table well in Snake River Group, diam 10 in, depth 682 ft, cased to 109, open bottom. Lsd about 5,091 ft above msl datum of 1929. MP top of casing, 1.18 ft above lsd. Highest water level 574.25 below lsd, Dec. 17, 1952; lowest 581.80 below lsd, July 29, 1963. Records available: 1950-60, 1962-65. No measurement made in 1961.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 26, 1962	580.34	Feb. 28, 1963	577.16	Nov. 22, 1963	577.56	May 18, 1965	579.72
June 29	581.01	Mar. 22	577.75	Dec. 31	577.29	July 7	581.21
July 23	581.14	Apr. 25	578.93	Oct. 7, 1964	579.49	23	581.45
Aug. 27	580.91	May 29	580.21	27	578.42	Aug. 26	580.38
Sept. 25	579.34	June 27	581.10	Nov. 25	577.18	Sept. 16	578.35
Nov. 1	577.34	July 29	581.80	Feb. 19, 1965	577.57	Nov. 3	577.16
20	576.57	Aug. 26	581.22	Mar. 19	578.07	24	576.35
Dec. 18	576.17	Sept. 26	579.78	Apr. 21	578.84	Dec. 28	576.03
Jan. 23, 1963	576.40	Oct. 21	578.47				

433658N1120443.1. Local number 3N-37E-2cb1. Parley Rigby. Drilled unused water-table well in Snake River Group, diam 20 in, reported depth 508 ft, cased to 18. Lsd about 4,780 ft above msl datum of 1929. MP top of casing, 0.50 ft above lsd. Highest water level 149.78 below lsd, Sept. 16, 1965; lowest 176.90 below lsd, May 20, 1957. Records available: 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 23, 1961	170.59	Apr. 16, 1962	175.02	June 21, 1963	170.11	Dec. 17, 1964	158.37
Mar. 25	173.33	June 22	167.76	Aug. 18	155.60	Feb. 26, 1965	169.60
Apr. 20	175.72	Aug. 24	152.43	Sept. 18	151.56	Apr. 1	172.16
June 14	168.58	Sept. 18	150.44	Oct. 19	152.01	24	174.25
Aug. 23	155.25	Oct. 21	151.39	Apr. 25, 1964	174.84	June 16	167.12
Sept. 21	154.51	Dec. 14	158.25	June 19	165.30	Aug. 11	153.85
Oct. 20	156.78	Mar. 1, 1963	169.78	Aug. 15	155.60	Sept. 16	149.78
Dec. 17	162.21	28	172.12	Sept. 16	151.47	Oct. 20	151.57
Feb. 17, 1962	171.47	Apr. 26	174.92	Oct. 20	150.84	Dec. 17	158.24
Mar. 15	173.86						

433639N1114634.1. Local number 3N-40E-8ba1. Earl Hunter. Drilled unused water-table well in Salt Lake Formation, diam 18 to 8 in, depth 425 ft, 18-in casing 0-380, 8-in casing 380-435. Lsd about 5,037 ft above msl datum of 1929. MP top north side of casing, 1.50 ft above lsd. Highest water level 130.88 below lsd, Sept. 15, 1965; lowest 134.29 below lsd, Apr. 27, 1960. Records available: 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 21, 1961	168.90	Apr. 15, 1962	177.65	Aug. 17, 1963	140.02	Oct. 21, 1964	130.91
Mar. 24	175.87	June 21	166.53	Sept. 17	133.70	Dec. 18	141.20
Apr. 20	181.26	Aug. 23	136.74	Oct. 18	132.90	Feb. 25, 1965	156.52
June 6	174.72	Sept. 17	133.27	Feb. 27, 1964	160.87	Mar. 31	162.30
Aug. 23	141.93	Oct. 20	133.30	Mar. 25	163.52	Apr. 24	166.30
Sept. 20	140.44	Dec. 13	141.74	Apr. 23	170.42	June 17	156.74
Oct. 10	143.25	Feb. 28, 1963	161.20	June 18	165.05	Sept. 15	130.88
Dec. 16	155.77	Mar. 27	164.70	Aug. 14	137.45	Oct. 21	132.03
Feb. 15, 1962	169.34	Apr. 25	171.02	Sept. 17	131.89	Dec. 18	138.90
Mar. 14	175.94	June 20	168.91				

## Butte County

434757N1130000.1. Local number 6N-29E-33dc1. Lincoln Cowgill. Dug domestic and stock water-table well in Snake River Group, diam 36 in, reported depth 110 ft, cased to 90. Lsd 4,834.1 ft above msl datum of 1929 (preliminary). MP top east side of pumpbase, 1.33 ft above lsd. Highest water level 101.79 below lsd, Aug. 11, 1952; lowest dry at 107.4 below lsd, several times, 1961-63. Records available: 1945, 1949-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1961	107.4	Oct. 21, 1961	107.04	Aug. 25, 1962	106.30	May 28, 1963	107.4
Feb. 24	107.4	Dec. 18	107.4	Sept. 19	106.15	June 22	107.4
Mar. 26	107.4	Jan. 23, 1962	107.4	Oct. 22	106.65	July 21	107.15
Apr. 22	107.4	Feb. 18	107.4	Nov. 19	106.80	Aug. 20	107.26
May 19	107.4	Mar. 16	107.26	Dec. 15	107.14	Sept. 19	107.4
June 15	107.4	Apr. 17	107.25	Jan. 14, 1963	107.4	Oct. 20	107.4
July 18	106.50	May 28	107.15	Mar. 2	107.4	Nov. 19	107.4
Aug. 25	107.01	June 23	106.77	29	107.4	Dec. 21	107.4
Sept. 22	107.18	July 23	106.17	Apr. 27	107.4		

f Dry.

435031N1125941.1. Local number 6N-29E-16dd2. Sweet Sage Development Co. Drilled domestic water-table well in sand and gravel of Quaternary age, diam 6 in, depth 100 ft, cased to 101, perforated 94-99, open bottom. Lsd about 4,865 ft above msl. MP top east side of casing, 1.00 ft above lsd. Highest water level 57.41 below lsd, Apr. 12, 1960; lowest 81.06 below lsd, Aug. 16, 1964. Records available: 1959-65.

435031N1125941.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 1, 1959	70.68	Oct. 21, 1961	67.24	May 28, 1963	69.55	Oct. 22, 1964	76.78
Jan. 29, 1960	59.02	Nov. 18	b66.22	June 22	65.74	Nov. 23	72.23
Feb. 23	58.34	Dec. 18	64.37	July 21	72.60	Dec. 19	67.89
Mar. 11	57.97	Jan. 23, 1962	a62.27	Aug. 20	76.54	Jan. 18, 1965	65.49
Apr. 12	57.41	Feb. 18	61.68	Sept. 19	74.18	Apr. 2	61.99
May 10	62.40	Mar. 16	a61.87	Oct. 20	75.15	May 6	61.41
Sept. 19	74.46	May 28	62.70	Nov. 19	72.49	May 25	61.05
Oct. 26	68.88	July 23	71.84	Dec. 21	66.60	June 18	64.03
Dec. 16	64.83	Aug. 23	73.53	Jan. 23, 1964	64.49	July 18	67.37
Jan. 28, 1961	62.30	Sept. 19	71.53	Feb. 29	62.79	Aug. 13	67.80
Feb. 24	61.59	Oct. 22	67.54	Mar. 26	61.93	Sept. 17	71.48
Mar. 26	60.20	Nov. 19	67.19	Apr. 26	61.12	Oct. 22	69.39
Apr. 22	b63.99	Dec. 15	64.80	May 25	64.68	Nov. 22	69.19
June 15	73.52	Jan. 14, 1963	62.96	June 20	68.78	Dec. 17	68.10
July 18	79.28	Mar. 2	61.18	July 19	74.26		67.08
Aug. 25	b78.10	29	60.20	Aug. 16	81.06		62.32
Sept. 22	73.07	Apr. 27	50.83	Sept. 19	78.20		

a Well being pumped.

b Well pumped recently.

434430N1131930.1. Local number 5N-26E-23cd1. H. Fielding. Drilled unused water-table well in gravel of Quaternary age, diam 20 to 16 in, depth 198 ft, casing perforated in gravel. Led 5,487.9 ft above mal datum of 1929 (preliminary). MP top of casing, 0.45 ft below lsd. Highest water level 16.00 below lsd, July 18, 1965; lowest 50.87 below lsd, Mar. 17, 1962. Records available: 1950-65.

Feb. 24, 1961	38.88	June 23, 1962	38.65	Aug. 20, 1963	23.60	Oct. 22, 1964	22.35
Mar. 27	39.72	July 24	35.23	Sept. 20	23.20	Nov. 23	23.53
Apr. 22	41.13	Aug. 26	35.20	Oct. 20	27.48	Dec. 19	21.88
May 20	42.72	Sept. 19	34.45	Nov. 19	25.59	Jan. 19, 1965	21.90
July 18	44.93	Oct. 23	35.83	Dec. 21	25.47	Feb. 27	22.78
Aug. 25	a64.68	Nov. 19	37.79	Jan. 24, 1964	24.15	Apr. 2	24.30
Sept. 23	47.00	Dec. 15	38.80	Feb. 29	25.14	May 25	23.35
Oct. 22	46.98	Jan. 14, 1963	38.85	Mar. 26	25.32	June 18	21.64
Nov. 18	47.51	Mar. 2	37.49	Apr. 27	23.20	July 18	16.00
Dec. 19	48.41	30	36.58	May 25	23.25	Aug. 13	16.13
Jan. 24, 1962	49.59	Apr. 27	38.70	June 21	20.04	Sept. 17	17.26
Feb. 19	50.21	May 28	39.04	July 19	18.37	Oct. 22	18.29
Mar. 17	50.87	June 22	27.75	Aug. 16	a40.38	Nov. 23	18.54
Apr. 17	47.65	July 21	23.25	Sept. 19	20.22	Dec. 18	19.48
May 28	42.41						

a Well being pumped.

434435N1125805.1. Local number 5N-29E-23cd1. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group, diam 6 in, depth 401 ft, cased to 401, perforated 285-306. Led 4,800.3 ft above mal datum of 1929 (preliminary). MP top northeast side of casing, 1.83 ft above lsd. Highest water level 262.11 below lsd, Mar. 28-29, 1953; lowest 277.59 below lsd, Apr. 6, 1964. Records available: 1951-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	274.72	273.77	274.55	274.87	274.88	274.98	275.27	275.31	275.01	274.06
10	.....	.....	274.44	274.02	274.63	274.90	274.88	275.04	275.32	275.35	274.87	273.75
15	.....	.....	274.73	275.99	274.14	274.66	274.88	274.94	275.06	275.33	275.33	.....
20	.....	.....	274.82	275.66	274.25	274.74	274.87	274.97	275.17	275.38	275.35	274.70
25	.....	.....	274.87	275.52	274.35	274.81	274.88	274.97	275.23	275.27	275.27	274.52
Eom	.....	.....	274.88	273.60	274.51	274.86	274.87	274.96	275.27	275.32	275.09	274.27

1962

5	.....	.....	.....	274.54	271.62	273.31	274.02	273.96	274.03	274.47	274.88	274.97
10	.....	.....	.....	275.29	273.62	271.75	273.60	274.09	273.95	274.04	274.43	275.04
15	.....	.....	.....	275.37	272.44	271.93	273.79	274.07	273.94	274.09	274.49	275.01
20	.....	.....	.....	275.40	271.81	272.23	273.92	274.09	273.93	274.19	274.52	274.93
25	.....	.....	.....	275.36	271.64	272.54	274.00	274.06	273.96	274.30	274.61	275.00
Eom	.....	.....	.....	275.08	271.59	272.98	274.02	274.02	273.98	274.45	274.92	274.99

1963

5	273.69	275.09	275.84	274.87	275.72	276.22	275.67	275.25	274.95	275.15	275.45	.....
10	273.81	275.28	275.65	275.00	275.86	276.24	275.55	275.25	274.99	275.15	275.49	.....
15	.....	275.53	275.32	275.16	275.98	276.17	275.40	275.23	274.95	275.14	275.55	.....
20	.....	275.78	.....	275.32	276.07	276.06	275.35	275.21	274.99	275.17	275.59	275.60
25	274.52	275.96	274.97	275.49	276.14	275.85	275.32	275.13	275.04	275.24	275.67	.....
Eom	274.82	275.97	274.80	275.58	276.19	275.84	275.25	274.99	275.10	275.38	275.67	.....

1964

5	.....	.....	.....	277.51	276.94	276.62	276.12	275.40	274.82	274.77	275.12	274.62
10	.....	.....	.....	277.56	276.81	276.59	276.05	275.29	274.78	274.86	275.05	274.34
15	.....	.....	.....	277.50	276.84	276.51	275.94	275.24	274.79	274.88	274.99	274.07
20	.....	.....	.....	277.46	276.83	276.48	275.83	275.17	274.73	275.02	274.94	.....
25	.....	.....	.....	277.30	276.78	276.38	275.66	275.09	274.64	275.07	274.95	.....
Eom	.....	.....	.....	277.45	277.15	276.68	276.25	275.56	274.98	274.64	275.12	274.76

434435N1125805.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	274.01	275.20	275.90	274.41	269.28	272.28	273.81	273.59	272.52	271.42	271.53	270.95
10	274.17	275.42	275.94	273.52	269.37	272.69	273.96	273.48	272.16	271.33	271.52	270.63
15	274.48	275.57	275.80	272.60	270.02	272.95	274.03	273.41	271.94	271.23	271.54	270.34
20	274.72	275.67	275.63	271.64	270.70	273.26	274.01	273.28	271.88	271.23	271.51	270.20
25	274.97	275.82	275.39	270.45	271.23	273.43	273.91	273.15	271.73	271.32	271.37	.....
Eom	275.18	275.89	275.00	269.22	271.84	273.62	273.75	272.88	271.57	271.46	271.24	269.98

433821N1131928.1. Local number 4N-26E-26cd1. Inland Brick Co. Drilled industrial and domestic water-table well in sand of Quaternary age, diam 8 in, depth 143 ft, cased to 143. Lsd 5,332.2 ft above msl datum of 1929 (preliminary). MP top of casing, 1.10 ft above lsd. Highest water level 37.06 below lsd, Oct. 20, 1958; lowest 48.62 below lsd, Mar. 17, 1962. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 24, 1961	43.84	May 28, 1962	47.10	Aug. 20, 1963	42.44	Nov. 23, 1964	40.02
Mar. 27	44.19	June 23	46.16	Sept. 20	41.79	Dec. 19	40.24
Apr. 22	44.51	July 24	45.63	Oct. 20	41.75	Jan. 18, 1965	40.23
May 20	45.55	Aug. 26	44.93	Nov. 19	41.76	Feb. 23	40.15
June 15	45.41	Sept. 19	44.08	Dec. 21	39.89	Apr. 2	39.70
July 18	46.44	Oct. 23	44.25	Jan. 24, 1964	42.20	May 25	39.83
Aug. 25	46.58	Nov. 19	44.50	Feb. 29	42.20	June 25	39.10
Sept. 23	46.05	Dec. 15	44.91	Mar. 26	41.92	July 18	37.49
Oct. 22	46.45	Jan. 14, 1963	45.43	Apr. 27	41.52	July 18	38.09
Nov. 18	46.69	Mar. 2	45.90	May 25	41.35	Aug. 13	37.88
Dec. 19	47.25	30	46.35	June 21	39.70	Sept. 17	37.24
Jan. 24, 1962	47.98	Apr. 27	46.85	July 19	40.72	Oct. 22	37.99
Feb. 19	48.10	May 28	47.30	Aug. 16	40.14	Nov. 22	38.13
Mar. 17	48.62	June 22	43.67	Sept. 19	39.70	Dec. 18	38.44
Apr. 17	47.85	July 21	43.71	Oct. 23	39.54		

433744N1132343.1. Local number 4N-26E-32cb1. U. S. Bureau of Reclamation. Drilled test water-table well in Snake River Group, diam 16 in, depth 253 ft, cased to 207. Lsd 5,371.2 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 1.50 ft above lsd. Highest water level 197.30 below lsd Nov. 23, 1965; lowest 208.72 below lsd, Apr. 17, 1962. Records available: 1960-65. Recorder installed Apr. 30, 1965.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 16, 1960	206.52	Feb. 19, 1962	208.34	Mar. 2, 1963	206.73	Apr. 27, 1964	205.02
Feb. 24, 1961	206.85	Apr. 17	208.72	30	207.12	May 25	205.24
Mar. 27	206.67	May 29	208.54	May 28	207.31	June 27	204.96
May 20	207.25	June 23	208.32	June 22	206.85	July 19	204.52
June 15	207.34	July 24	207.76	July 21	205.99	Aug. 16	203.99
July 18	207.29	Aug. 26	207.19	Aug. 30	205.32	Sept. 19	203.94
Aug. 25	207.43	Sept. 19	207.00	Sept. 20	205.15	Oct. 23	203.91
Sept. 23	207.62	Oct. 23	207.25	Oct. 20	204.90	Nov. 23	204.14
Oct. 22	207.61	Nov. 19	206.93	Nov. 19	204.87	Feb. 28, 1965	202.94
Nov. 18	207.99	Dec. 15	206.91	Dec. 22	205.36	Apr. 25	202.97
Dec. 19	208.09	Jan. 14, 1963	206.92				

Water level at noon, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	202.52	202.12	200.54	198.91	197.93	197.65	197.67	197.97
10	.....	.....	.....	.....	202.82	.....	200.00	198.82	197.99	197.75	197.55	197.53
15	.....	.....	.....	.....	.....	.....	199.90	198.71	197.68	197.32	197.58	197.68
20	.....	.....	.....	.....	.....	201.41	199.48	.....	197.88	198.00	197.66	198.12
25	.....	.....	.....	.....	202.31	200.73	199.38	198.18	197.63	197.93	197.38	197.72
Eom	.....	.....	.....	202.88	202.05	200.75	199.23	198.40	197.99	197.82	197.82	197.77

434035N1124523.1. Local number 4N-31E-16ad1. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group, diam 4 in, depth 600 ft, cased to 532, perforated 453-468, open bottom. Lsd 4,899.9 ft above msl datum of 1929 (preliminary). MP chiseled cross in top northeast side of casing, 1.84 ft above lsd. Highest water level 408.19 below lsd, Apr. 7, 1953; lowest 414.24 below lsd, May 11, 1950. Records available: 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	409.72	Apr. 18, 1962	411.82	July 23, 1963	412.36	Dec. 1, 1964	411.91
Mar. 6	409.68	May 21	411.89	Aug. 26	412.79	Jan. 8, 1965	411.96
Apr. 5	410.01	June 26	412.30	Sept. 26	412.90	27	411.65
27	410.33	July 16	412.65	Oct. 29	412.35	Mar. 30	411.35
June 6	410.90	Sept. 20	412.65	Nov. 26	412.19	Apr. 23	411.52
28	411.22	Oct. 23	412.50	Dec. 18	411.89	May 28	411.82
July 20	411.58	Nov. 13	411.90	Apr. 8, 1964	411.81	June 21	411.73
Sept. 21	411.87	Dec. 20	411.63	27	411.95	July 28	412.06
Oct. 24	411.73	Jan. 18, 1963	411.03	May 25	412.19	Sept. 1	411.65
Nov. 21	411.54	Feb. 20	411.00	July 27	412.93	16	411.81
Dec. 27	411.36	Mar. 20	411.22	Sept. 13	413.36	Nov. 3	411.17
Feb. 1, 1962	411.29	Apr. 24	411.25	Oct. 1	413.14	Dec. 5	410.69
27	411.43	May 21	411.55	Nov. 5	412.69	25	409.97

433517N1125733.1. Local number 3N-29E-14ad1. U. S. Atomic Energy Commission. Drilled observation water-table well in Snake River Group, diam 8 in, depth 588 ft, cased to 588. Lsd 4,917.9 ft above msl datum of 1929 (preliminary). MP top north side of casing, 1.00 ft above lsd. Highest water level 447.52 below lsd, Mar. 1, 1953; lowest 458.28 below lsd, Sept. 23, 1964. Records available: 1949-60, 1962-65. No measurement made in 1961. Recorder removed Jan. 31, 1961; re-installed July 11, 1963.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 22, 1962	457.36	Sept. 28, 1962	457.77	Jan. 25, 1963	457.11	Apr. 19, 1963	457.07
July 20	457.73	Oct. 22	457.76	Feb. 21	457.20	May 24	457.36
Aug. 24	457.94	Nov. 16	457.35	Mar. 26	457.26	June 26	457.64
Sept. 21	457.77	Dec. 13	457.32				

433517N1125733,1--Continued.

Water level at noon, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	457.89	457.95	457.84	457.74	.....
10	.....	.....	.....	.....	.....	.....	.....	457.77	458.02	458.02	457.87	.....
15	.....	.....	.....	.....	.....	.....	457.67	457.80	457.81	458.06	457.61	.....
20	.....	.....	.....	.....	.....	.....	457.80	457.93	457.84	458.02	457.59	457.65
25	.....	.....	.....	.....	.....	.....	457.72	457.90	458.02	457.93	458.04	.....
Eom	.....	.....	.....	.....	.....	.....	457.82	457.95	457.97	458.04	457.89	.....

1964

5	.....	.....	.....	457.58	457.37	457.82	.....	458.20	457.93	.....	458.18	458.00
10	457.63	.....	.....	457.82	457.60	457.83	.....	458.14	458.18	.....	457.78	457.73
15	457.67	.....	457.67	457.54	457.80	457.92	457.82	458.03	458.14	.....	458.07	457.44
20	457.47	.....	457.50	457.59	457.82	458.07	457.88	458.00	457.97	458.21	457.96	457.57
25	457.62	.....	.....	457.43	457.95	458.03	457.85	457.87	457.85	458.10	457.62	457.53
Eom	457.80	457.58	457.65	457.60	457.99	458.11	457.84	457.80	.....	458.22	457.70	457.48

1965

5	457.51	457.20	457.43	.....	456.53	456.54	456.46	455.48	.....	454.57	454.20	454.08
10	457.48	457.38	457.26	.....	456.83	456.58	456.27	.....	.....	454.44	454.13	453.78
15	457.62	.....	457.18	.....	.....	456.43	456.27	.....	.....	454.17	454.03	453.78
20	457.28	.....	457.16	.....	.....	456.61	456.12	.....	454.49	454.63	454.00	453.97
25	457.32	457.50	456.93	456.86	.....	456.25	455.86	.....	454.35	454.45	453.77	453.68
Eom	457.30	457.19	456.80	456.72	456.47	.....	455.87	.....	454.52	454.37	453.99	453.65

432722N1130425,1. Local number 2N-29E-35ad1. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group, diam 3 to 6 in, depth 654 ft, 8-in casing 0-244, 6-in casing 237-654, perforated 620-650. Lsd 5,030.9 ft above msl datum of 1929 (preliminary). MP top south side of casing, 3.30 ft above lsd (since Jan. 24, 1961). Highest water level 599.75 below lsd, Mar. 1, 1955; lowest 606.34 below lsd, June 21, 1962. Records available: 1951-65. Recorder installed June 29, 1965.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	604.43	June 21, 1962	606.34	Apr. 25, 1963	605.79	July 23, 1964	605.83
Mar. 2	604.59	27	606.06	May 22	606.05	Aug. 24	605.61
Apr. 25	605.15	July 19	605.96	June 19	606.14	Sept. 24	605.30
June 2	605.29	Aug. 21	605.59	July 29	605.87	Oct. 26	605.05
29	605.45	28	605.59	Aug. 28	605.80	Nov. 25	604.70
July 19	605.38	Sept. 20	605.32	Sept. 24	605.80	Jan. 11, 1965	604.78
Oct. 23	605.18	Oct. 30	605.17	Oct. 29	605.15	29	604.75
Nov. 20	605.07	Nov. 14	604.90	Nov. 26	605.27	Mar. 31	604.74
Dec. 21	605.38	Dec. 17	604.98	Dec. 22	605.29	May 3	604.94
Jan. 23, 1962	605.69	Jan. 23, 1963	605.27	Apr. 21, 1964	606.04	25	605.07
Apr. 26	605.87	Feb. 18	605.22	May 26	606.18	June 25	604.78
May 24	606.01	Mar. 25	605.67				

Water level at noon, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	602.37	602.89	601.98	601.50	601.87
10	.....	.....	.....	.....	.....	.....	.....	602.48	602.90	601.60	601.48	601.72
15	.....	.....	.....	.....	.....	.....	.....	602.64	602.72	601.24	601.54	601.79
20	.....	.....	.....	.....	.....	.....	602.07	602.70	602.89	601.51	601.55	601.91
25	.....	.....	.....	.....	.....	.....	602.19	602.77	602.59	601.48	601.49	.....
Eom	.....	.....	.....	.....	.....	604.94	602.30	602.98	602.46	601.52	601.68	.....

Camas County

432033N114553,1. Local number 1S-12E-13ba1. H. E. Miller. Drilled unused artesian well in sand, diam 3 in, reported depth 435 ft, cased to 135. Lsd about 5,091 ft above msl. MP top east side of casing, 2.30 ft above lsd. Highest water level 1.60 below lsd, Apr. 26, 1965; lowest 5.83 below lsd, Oct. 21, 1963. Records available: 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25, 1961	4.76	Aug. 27, 1962	4.19	Sept. 20, 1963	5.67	Feb. 28, 1965	2.08
Mar. 27	4.65	Sept. 20	4.55	Oct. 21	5.83	Apr. 3	1.80
June 16	3.85	Oct. 23	4.86	Dec. 22	5.61	26	1.60
Aug. 26	4.79	Dec. 16	4.94	Apr. 27, 1964	4.51	June 19	2.38
Sept. 23	5.00	Mar. 3, 1963	4.95	June 21	3.40	Aug. 14	3.61
Oct. 22	5.14	30	4.87	Aug. 17	4.50	Sept. 18	4.16
Dec. 19	5.20	Apr. 28	4.73	Sept. 19	5.03	Oct. 23	4.56
Apr. 17, 1962	4.10	June 23	4.72	Oct. 23	2.36	Dec. 18	4.73
June 24	2.98	Aug. 21	4.81	Dec. 20	5.16		

Canyon County

433924N116455,1. Local number 4N-4W-25bd3a. U. S. Bureau of Reclamation. Drilled observation water-table well in sand and gravel of Quaternary age, diam 6 in, depth 82 ft, cased to 46. Lsd about 2,368 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 6.13 below lsd, Dec. 16, 1954; lowest 19.49 below lsd, June 16, 1955. Records available: 1953-63. Measurement discontinued.



433924N1164555\_1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1961	11.09	Oct. 30, 1961	10.20	July 27, 1962	c18.45	Apr. 26, 1963	13.43
Feb. 27	11.55	Nov. 29	10.88	Aug. 27	c17.20	May 27	c18.05
Mar. 29	12.21	Dec. 28	11.75	Sept. 26	14.54	June 27	c18.43
Apr. 27	c17.96	Jan. 29, 1962	12.63	Oct. 26	8.47	July 29	c18.29
May 25	17.74	Feb. 27	12.34	Nov. 27	9.97	Aug. 22	16.77
June 26	c18.78	Mar. 30	13.39	Dec. 26	10.88	Sept. 24	10.50
July 27	c18.49	Apr. 27	c18.69	Jan. 25, 1963	11.81	Oct. 28	9.93
Aug. 28	c17.32	May 28	9.28	Feb. 25	12.07	Nov. 26	10.49
Sept. 28	9.56	June 28	c18.41	Mar. 22	12.69	Dec. 30	11.47

c Nearly well being pumped.

433430N1163050\_1. Local number 3N-2W-25aall. John Hubbard. Drilled stock and domestic water-table well in alluvium of Quaternary age, diam 6 in, reported depth 34 ft, cased to 34, open bottom. Lad 2,525.6 ft above mal datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 3.30 ft below lsd. Highest water level 6.42 below lsd, Oct. 10, 1956; lowest 21.0 below lsd, Apr. 21, 1924. Records available: 1921, 1924-25, 1928, 1933-65.

Mar. 30, 1961	13.25	Sept. 26, 1962	7.75	Mar. 31, 1964	13.35	Apr. 1, 1965	13.03
Sept. 28	9.11	Mar. 22, 1963	13.48	Sept. 23	7.28	Sept. 22	6.84
Mar. 29, 1962	14.20	Sept. 24	7.22				

433207N1164417\_1. Local number 2N-3W-6db1. J. Loyd Harvey. Drilled unamed water-table well in sand of Idaho Group, diam 4 in, depth unknown (previously reported 208 ft), casing information not available. Lad about 2,614 ft above mal. MP top of hole in wooden platform, 0.80 ft above lsd. Highest water level 180.0 below lsd, Nov. 5, 1925; lowest 214.51 below lsd, Mar. 30, 1962. Records available: 1925, 1953, 1956-65.

Jan. 27, 1961	212.27	May 28, 1962	214.05	Aug. 22, 1963	213.02	Nov. 27, 1964	212.54
Feb. 27	212.75	June 28	213.92	Sept. 24	212.50	Dec. 29	212.52
Mar. 29	213.26	July 27	213.57	Oct. 28	212.09	Jan. 28, 1965	213.03
Apr. 27	213.56	Aug. 27	212.89	Nov. 26	212.16	Mar. 1	213.48
May 25	213.59	Sept. 26	212.38	Dec. 30	212.44	Apr. 2	213.68
June 26	213.34	Oct. 26	212.30	Jan. 30, 1964	212.70	May 28	213.78
July 27	213.15	Nov. 27	212.01	Feb. 27	212.73	June 27	214.04
Aug. 28	212.54	Dec. 26	212.25	Mar. 30	213.43	May 29	214.37
Sept. 28	212.38	Jan. 25, 1963	212.32	Apr. 29	213.54	July 29	214.33
Oct. 30	212.60	Feb. 25	212.76	May 28	213.52	Aug. 30	213.84
Nov. 29	212.79	Mar. 22	212.83	June 29	213.66	Sept. 21	213.67
Dec. 28	213.59	Apr. 26	213.10	July 30	213.32	Oct. 28	213.68
Feb. 27, 1962	214.04	May 27	213.34	Aug. 27	213.22	Nov. 29	213.53
Mar. 30	214.51	June 27	213.24	Sept. 24	213.11	Dec. 29	212.94
Apr. 27	213.60	July 29	213.29	Oct. 26	212.98		

433143N1163093\_1. Local number 2N-1W-7bb4. U. S. Bureau of Reclamation. Drilled observation water-table well in sediments and basalt in Idaho Group, diam 6 in, depth 103 ft, cased to 103, perforated 96-102, open bottom. Lad 2,547.9 ft (previously reported about 2,548 ft) above mal datum of 1929. MP top east side of casing, 0.50 ft above lsd. Highest water level 5.80 below lsd, Oct. 12, 1960; lowest 12.74 below lsd, Feb. 4, 1960. Records available: 1953-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.59	10.50	10.75	10.85	9.74	8.98	8.26	8.10	8.08	7.81	9.72	10.54
10	9.84	10.36	11.17	10.79	9.28	8.80	8.00	7.35	8.55	8.10	9.56	10.38
15	9.85	10.44	10.57	10.66	8.95	8.76	7.92	7.81	8.53	8.53	9.89	10.36
20	10.09	10.82	10.98	10.66	8.59	8.50	7.89	7.99	8.47	8.63	9.92	10.34
25	10.12	10.83	10.74	10.44	8.24	8.48	8.00	7.94	8.60	8.91	10.16	10.50
Eom	10.22	11.05	10.95	10.18	8.80	8.44	7.99	7.89	8.83	9.24	10.29	10.90
1962												
5	10.97	11.75	11.63	12.14	10.80	9.00	6.98	7.54	7.00	7.31	7.88	9.06
10	11.22	11.70	11.49	12.15	10.17	8.59	6.86	7.53	6.79	7.16	8.17	9.27
15	11.25	11.70	11.52	11.99	9.66	8.08	7.87	7.38	6.96	8.26	8.25	9.20
20	11.15	11.72	11.39	11.82	9.36	8.02	7.88	7.18	6.75	7.92	8.35	9.66
25	11.45	11.74	11.70	11.55	8.93	7.59	7.70	7.17	7.01	7.62	8.58	9.77
Eom	11.72	11.74	11.93	11.26	9.07	7.36	7.62	7.17	7.41	7.85	8.69	9.84
1963												
5	10.10	10.69	10.60	11.14	10.30	8.25	8.11	7.43	6.80	7.41	8.00	9.26
10	10.03	10.54	10.44	11.01	9.82	7.97	7.97	7.33	.....	6.50	8.37	9.35
15	10.24	10.86	10.42	11.06	9.54	7.71	7.60	7.30	.....	6.60	8.42	9.56
20	10.51	10.78	10.80	10.88	9.21	7.17	7.65	7.20	.....	7.11	8.51	9.64
25	10.40	10.73	10.97	10.60	8.97	7.26	7.68	7.14	7.10	7.51	9.04	9.86
Eom	10.35	10.64	11.04	10.54	8.61	7.99	7.47	6.48	7.25	8.03	9.14	10.08
1964												
5	10.13	10.72	10.66	11.40	10.26	8.16	8.21	8.07	7.82	7.98	8.56	9.62
10	10.23	10.63	10.84	11.74	10.07	7.90	8.60	7.98	8.04	7.18	8.39	9.33
15	10.49	10.59	11.16	11.44	9.62	7.83	8.32	7.90	8.06	7.09	8.99	9.52
20	10.18	10.81	10.98	11.36	9.33	7.90	8.19	8.02	7.91	7.69	9.15	9.81
25	10.55	10.65	11.25	11.08	9.10	7.83	8.18	7.90	7.70	7.84	9.10	9.88
Eom	10.68	10.60	11.18	10.74	8.54	7.68	7.88	7.79	7.82	8.20	9.28	10.07
1965												
5	10.04	10.34	10.71	10.89	10.22	8.62	8.92	8.09	7.90	8.73	8.72	9.77
10	10.32	10.54	10.71	10.68	9.93	8.33	8.75	7.88	7.94	8.80	8.83	9.75
15	10.61	10.52	10.71	10.72	9.66	8.08	8.68	7.81	8.08	7.67	9.07	9.96
20	10.44	10.52	10.93	10.45	9.41	8.10	8.37	6.93	8.30	8.16	9.22	10.14
25	10.63	10.56	10.78	10.50	9.10	8.61	8.32	7.67	8.26	8.34	9.32	10.23
Eom	10.63	10.63	10.80	10.38	8.80	8.94	8.23	8.02	8.72	8.56	9.58	10.35

432710N1163526.1. Local number 1N-2W-4bc1. Edwin Tiegs. Drilled unused water-table well in gravel of Idaho Group and Snake River Group, diam 8 to 4 in, reported depth 194 ft, casing information not available. Lsd 2,040.6 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top west side of casing, 2.30 ft below lsd. Highest water level 63.06 below lsd, Nov. 27, 1957; lowest 76.09 below lsd, June 28, 1962. Records available: 1948-64. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1961	65.45	Jan. 29, 1962	68.10	Jan. 25, 1963	67.51	Jan. 29, 1964	67.61
Feb. 27	66.10	Feb. 27	68.60	Feb. 25	68.65	Feb. 27	68.13
Mar. 24	66.90	Mar. 29	69.17	Mar. 22	67.92	Mar. 30	68.84
Apr. 27	71.43	Apr. 27	74.17	Apr. 26	70.14	Apr. 29	72.36
May 25	72.18	May 28	71.69	May 27	75.04	May 28	75.29
June 26	72.38	June 28	76.09	June 27	73.86	June 29	72.84
July 27	73.17	July 27	75.77	July 29	75.51	July 30	74.89
Aug. 28	71.58	Aug. 27	74.43	Aug. 22	74.33	Aug. 27	73.62
Sept. 28	67.56	Sept. 26	71.20	Sept. 24	68.75	Sept. 24	70.60
Oct. 30	66.45	Oct. 26	67.04	Oct. 28	66.07	Oct. 26	67.30
Nov. 29	66.42	Nov. 27	66.85	Nov. 26	66.85	Nov. 27	67.07
Dec. 28	67.24	Dec. 26	67.42	Dec. 30	66.99		

### Cassia County

423729N1132957.1. Local number 9S-25E-23db1. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in, depth 174 ft, cased to 172, slot perforated below water level. Lsd 4,266.9 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top east side of casing, 1.00 ft above lsd. Highest water level 116.5 below lsd, Sept. 23, 25, 28, Oct. 1-3, 1951; lowest 132.58 below lsd, Apr. 17, 1962. Records available: 1952-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	125.40	126.87	127.73	129.10	129.21	127.78	125.64	123.82	123.10	124.30	126.12	127.63
10	125.72	126.96	128.08	128.18	129.00	127.39	125.36	123.55	123.26	124.39	126.10	127.79
15	125.90	127.06	128.14	128.39	128.92	127.27	124.97	123.26	123.40	124.88	126.50	128.09
20	126.15	127.47	128.50	128.45	128.73	126.79	124.59	123.20	123.50	124.90	126.61	128.37
25	126.22	127.60	128.53	128.43	128.53	126.52	124.29	122.85	123.96	125.34	126.98	128.60
Eom	126.50	127.82	128.94	129.38	128.19	126.20	124.02	122.86	124.18	125.59	127.24	129.18

1962

5	129.42	130.74	131.70	132.48	132.15	130.78	128.45	125.91	123.94	122.93	123.37	124.61
10	129.74	130.83	131.73	132.49	131.78	.....	128.15	125.64	123.63	122.83	123.56	124.81
15	129.81	.....	132.03	132.49	131.49	129.96	127.69	125.27	123.39	123.03	123.73	124.87
20	129.72	.....	132.03	132.49	131.33	129.83	127.29	124.92	123.07	123.10	123.90	125.32
25	.....	131.16	.....	132.49	131.07	129.41	126.84	124.63	123.04	.....	.....	.....
Eom	130.58	131.54	132.40	132.41	130.98	128.96	126.36	124.24	123.28	123.38	124.23	125.75

1963

5	126.16	127.85	129.28	130.34	130.33	128.69	126.70	124.72	123.26	122.86	123.09	124.56
10	126.10	127.91	129.35	130.40	130.05	128.33	126.37	124.58	123.14	122.58	123.41	124.64
15	.....	128.38	129.40	130.45	129.96	128.09	125.98	124.39	122.86	122.58	123.44	125.04
20	.....	128.61	129.88	130.45	129.94	127.58	125.75	124.09	122.88	122.62	123.58	125.28
25	127.06	128.93	130.06	130.38	129.65	127.49	125.46	123.85	122.97	.....	124.14	125.58
Eom	127.36	129.06	130.07	130.37	129.16	127.14	125.03	123.55	122.99	123.14	124.37	126.07

1964

5	126.23	.....	.....	.....	131.52	130.52	129.00	126.18	124.04	123.71	123.93	125.29
10	.....	.....	.....	.....	131.65	130.17	128.66	125.79	124.10	123.57	123.83	125.35
15	.....	.....	.....	.....	131.55	129.84	128.03	125.31	123.97	123.42	124.30	125.52
20	126.86	.....	.....	.....	131.38	129.72	127.55	125.04	.....	123.63	124.54	125.97
25	.....	.....	130.53	.....	131.22	129.62	127.22	124.64	123.53	123.50	124.55	126.13
Eom	.....	.....	.....	131.68	130.80	129.43	126.55	124.15	123.56	123.74	124.90	126.30

1965

5	126.59	127.98	.....	130.06	130.13	128.66	126.87	124.75	123.04	122.60	122.85	123.86
10	126.97	128.18	.....	130.08	130.12	128.36	126.44	124.52	122.90	122.61	122.97	123.86
15	127.36	128.48	.....	130.36	.....	127.84	.....	124.26	122.69	122.35	123.11	124.12
20	127.39	128.69	.....	130.42	.....	127.72	.....	123.95	122.70	122.62	.....	124.48
25	127.60	128.95	129.79	130.39	129.31	127.28	125.45	123.63	122.56	122.70	.....	124.65
Eom	127.75	.....	129.99	130.35	128.84	127.07	125.09	123.60	122.70	122.81	.....	124.96

423863N1132218.1. Local number 9S-26E-13cc1. U. S. Bureau of Land Management. Drilled stock water-table well in Snake River Group, diam 8 in, reported depth 153 ft, casing information not available. Lsd 4,281.4 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top east side of steel plate over casing, 0.90 ft above lsd. Highest water level 135.31 below lsd, Sept. 19, 1957; lowest 146.80 below lsd, Apr. 10, 1962. Records available: 1955, 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	140.49	May 23, 1962	146.00	Sept. 13, 1963	144.39	Jan. 13, 1965	141.57
Mar. 21	142.74	July 18	144.51	Nov. 14	139.10	Mar. 25	144.23
May 18	a143.56	Sept. 14	139.14	Jan. 15, 1964	141.18	May 19	144.61
July 12	140.70	Nov. 14	138.30	Mar. 25	144.76	July 14	143.68
Sept. 20	138.55	Jan. 9, 1963	140.34	May 20	a146.04	Sept. 16	138.19
Nov. 13	140.86	Mar. 28	144.25	July 15	a143.62	Oct. 8	137.74
Jan. 17, 1962	144.07	May 23	144.43	Sept. 17	139.27	Nov. 17	137.84
Apr. 10	146.80	July 17	a141.42	Nov. 18	139.05		

a Well being pumped.

423417N1133118.1. Local number 10S-25E-10ba1. Wayne Newcomb. Formerly Robert Simplot. Drilled stock water-table well in Snake River Group, diam 6 in, reported depth 175 ft. In July 1964, well was reamed and deepened; new dimensions are diam 12 in, depth 182 ft, 12-in casing 0-4, open hole. Lsd 4,303.1 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top east side of casing, 0.50 ft above lsd (since July 15, 1964). Highest water level 153.40 below lsd, Sept. 17, 1948; lowest 169.41 below lsd, May 23, 1962. Records available: 1928, 1948-65.

423417N1133118, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	165.80	July 18, 1962	164.94	Oct. 16, 1963	160.45	Nov. 18, 1964	161.66
May 18	166.27	Sept. 14	161.67	Nov. 15	160.62	Jan. 13, 1965	164.43
July 12	162.71	Nov. 14	160.88	Jan. 16, 1964	163.93	Mar. 25	167.06
Sept. 20	160.64	Jan. 9, 1963	163.20	Mar. 25	167.70	May 19	167.20
Nov. 13	163.58	Mar. 25	167.24	May 21	168.78	July 14	163.88
Jan. 17, 1962	166.96	May 23	167.21	July 15	165.79	Sept. 16	160.24
Mar. 15	169.20	July 17	163.49	Sept. 17	161.24	Nov. 17	160.49
May 23	169.41	Sept. 13	161.17				

423047N1132430, 1. Local number 108-26E-34ba2. Ivan Schrenk. Drilled stock water-table well in Snake River Group, diam 8 in, reported depth 342 ft, cased to 54. Lsd 4,465.5 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP bottom of 1-in hole in west side of pumpbase, 1.00 ft above lsd. Highest water level 275.36 below lsd, May 21, 1958; lowest 281.91 below lsd, Oct. 7, 1965. Records available: 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	277.42	May 24, 1962	277.73	Sept. 14, 1963	281.54	Nov. 20, 1964	281.80
Mar. 23	276.34	July 18	280.19	Oct. 17	281.58	Jan. 15, 1965	281.19
May 19	277.10	Sept. 13	281.87	Nov. 15	280.98	Mar. 25	278.81
July 12	279.21	Nov. 14	281.56	Jan. 16, 1964	280.02	May 20	278.07
Sept. 21	281.22	Jan. 10, 1963	279.92	Mar. 26	278.27	July 15	280.55
Nov. 14	279.84	Mar. 25	279.12	May 21	277.50	Sept. 16	281.83
Jan. 18, 1962	278.14	May 24	277.59	July 15	279.30	Oct. 7	281.91
Mar. 15	277.43	July 18	279.19	Sept. 17	281.39	Nov. 18	281.84

422631N1131854, 1. Local number 118-27E-29aa1. Parr Bros. Drilled unused water-table well in sand and gravel of Salt Lake Formation, diam 6 in, depth 247 ft, casing information not available. Lsd 4,394.7 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 1.00 ft above lsd. Highest water level 52.75 below lsd, Nov. 5, 1952; lowest 72.67 below lsd, Nov. 13-15, 1965. Records available: 1950, 1952, 1960-65. Recorder installed May 19, 1961. Aug. 11, 1950, 34.27; Nov. 5, 1952, 32.75; Aug. 17, 1960, 52.66; Mar. 23, 1961, 50.92; May 19, 50.44.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	50.84	52.07	53.65	55.15	56.07	56.18	55.84
10	.....	.....	.....	.....	.....	51.03	52.31	53.91	55.35	56.13	56.13	55.77
15	.....	.....	.....	.....	.....	51.22	52.56	54.13	55.56	56.17	56.10	55.68
20	.....	.....	.....	.....	.....	50.45	51.42	52.87	54.38	55.74	56.18	55.59
25	.....	.....	.....	.....	.....	50.53	51.63	53.11	54.63	55.88	56.19	55.58
Eom	.....	.....	.....	.....	.....	50.68	51.85	53.40	54.92	55.99	56.19	55.91

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	55.29	54.67	54.05	53.36	52.85	53.45	54.19	55.68	57.05	58.19	58.57	58.40
10	.....	54.56	53.94	53.25	52.88	53.53	54.37	55.92	57.28	58.30	58.57	58.35
15	.....	54.45	.....	53.15	.....	53.63	.....	56.13	57.52	58.39	58.55	58.28
20	55.00	54.34	53.70	53.04	.....	53.75	54.87	56.35	57.73	58.47	58.53	58.21
25	54.90	54.22	53.60	52.95	53.24	53.88	55.12	56.56	57.90	58.52	58.50	58.13
Eom	54.77	54.16	53.47	52.87	53.37	54.03	55.43	56.92	58.05	58.55	58.45	58.03

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	57.95	57.33	56.73	.....	.....	55.43	56.26	57.87	59.37	60.70	61.22	61.22
10	57.86	57.23	.....	.....	.....	55.56	56.45	58.13	59.60	60.86	61.25	61.17
15	57.75	57.12	.....	.....	.....	55.70	56.70	58.38	59.84	60.98	61.26	61.12
20	57.66	57.02	.....	.....	.....	55.82	56.97	58.62	60.07	61.07	61.26	61.07
25	57.55	56.91	.....	.....	.....	55.92	56.96	58.55	60.28	61.14	61.26	61.03
Eom	57.44	56.85	.....	.....	.....	55.34	56.10	57.59	59.12	60.50	61.20	60.96

1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	60.95	60.44	59.84	59.09	58.37	58.12	58.68	60.43	62.45	64.15	65.02	.....
10	.....	60.34	59.73	58.98	58.25	58.21	58.87	60.77	62.75	64.34	.....	.....
15	.....	60.24	.....	58.86	58.13	58.30	59.12	61.08	63.10	64.52	.....	.....
20	60.72	60.14	.....	58.74	.....	58.40	59.38	61.40	63.40	64.70	.....	.....
25	60.63	60.04	.....	58.61	58.03	58.47	59.67	61.75	63.67	64.82	.....	.....
Eom	60.53	59.95	59.21	58.50	58.05	58.56	60.06	62.14	63.92	64.94	.....	.....

1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	64.20	.....	62.65	61.88	61.68	64.59	68.39	71.20	72.46	72.65	72.44
10	.....	64.08	.....	62.50	61.81	61.83	65.22	68.85	71.56	72.55	72.66	72.36
15	64.60	.....	.....	62.35	61.73	62.05	65.97	69.32	71.82	72.59	72.67	72.25
20	64.51	.....	.....	62.20	61.63	62.74	66.70	69.81	71.94	72.61	72.61	72.13
25	64.42	.....	.....	62.97	62.07	61.60	63.37	67.34	70.30	72.12	72.61	72.00
Eom	64.30	.....	.....	62.80	61.97	61.60	64.02	67.95	70.88	72.29	72.62	72.51

422429N1132300, 1. Local number 128-26E-2ac1. Gordon Hansen. Drilled irrigation water-table well in gravel, diam 20 in, reported depth 197 ft, cased to 197, open bottom. Lsd 4,415.4 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1-in hole in east side of pumpbase, 1.00 ft above lsd. Highest water level 17.63 below lsd, Apr. 21, 1950; lowest 80.67 below lsd, Sept. 17, 1965. Records available: 1950, 1952, 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	48.13	May 24, 1962	78.92	Sept. 14, 1963	a93.90	Nov. 19, 1964	68.97
Mar. 24	46.60	July 19	a93.94	Oct. 16	78.14	Jan. 15, 1965	59.86
May 19	a81.22	Sept. 13	a93.06	Nov. 15	70.76	Mar. 25	54.35
July 13	a90.65	Nov. 15	63.37	Jan. 16, 1964	59.32	May 20	68.25
Sept. 21	73.25	Jan. 10, 1963	56.54	Mar. 26	55.61	July 15	a96.78
Nov. 13	56.95	Mar. 28	53.16	May 21	73.93	Sept. 17	80.67
Jan. 18, 1962	51.85	May 24	71.93	July 16	a94.59	Oct. 19	74.25
Mar. 15	50.12	July 18	a91.25	Sept. 18	a95.27	Nov. 18	65.92

a Well being pumped.

421804N1140245.1. Local number 13S-21E-18bb1. Grigg and Anderson. Drilled unused water-table well in limestone of Paleozoic age, diam 16 to 17 in, reported depth 950 ft, cased 16-in 0-20, 17-in 20-80, bottom of casing set in concrete seal, open hole. Lsd 4,953.6 ft above msl datum of 1929, Supplementary Adjustment of 1962. MP top northeast side of casing, 2.00 ft above lsd. Highest water level 362.14 below lsd, Apr. 19, 1961; lowest 471.13 below lsd, Dec. 19, 1965. Records available: 1961-65. Recorder installed Aug. 16, 1961. Apr. 19, 1961, 362.14; May 20, 363.51; July 11, 370.83.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	383.55	388.66	391.52	391.52
10	.....	.....	.....	.....	.....	.....	.....	.....	384.68	389.33	391.08	391.25
15	.....	.....	.....	.....	.....	.....	.....	.....	385.66	389.94	391.20	391.24
20	.....	.....	.....	.....	.....	.....	.....	380.12	386.41	.....	391.04	391.38
25	.....	.....	.....	.....	.....	.....	.....	381.13	387.97	.....	391.35	391.12
Fom	.....	.....	.....	.....	.....	.....	.....	382.39	388.18	390.88	391.27	391.36

1962

5	391.17	390.29	389.62	388.96	387.92	388.29	392.22	398.39	404.43	409.59	412.54	413.50
10	391.17	390.07	389.44	388.73	387.62	388.36	393.27	399.43	405.24	410.27	412.89	413.44
15	.....	389.96	.....	388.37	387.50	388.54	394.27	400.32	406.34	.....	413.01	413.16
20	390.27	389.81	.....	388.16	387.69	389.50	395.30	401.29	406.91	411.75	413.10	413.60
25	390.60	389.78	.....	388.09	387.80	390.26	396.26	402.28	406.07	412.06	413.31	413.46
Fom	390.52	389.80	.....	389.14	388.22	391.43	397.37	403.47	409.10	412.41	413.22	413.30

1963

5	413.44	413.06	412.46	411.75	411.56	411.47	412.79	417.18	422.30	427.22	430.32	431.48
10	412.92	412.61	412.14	411.73	411.40	411.92	413.32	417.98	423.19	428.00	430.84	431.43
15	413.23	412.83	411.88	411.48	411.36	412.33	413.82	418.87	423.83	428.57	430.89	431.69
20	413.30	412.69	412.38	411.52	411.34	412.16	414.60	419.69	424.90	429.16	430.92	431.54
25	412.87	412.72	412.39	411.41	411.25	412.56	415.34	420.46	425.85	429.66	431.41	431.59
Fom	412.70	412.58	411.75	411.45	411.24	412.55	416.24	421.50	426.61	430.32	431.66	431.72

1964

5	431.64	431.37	430.98	430.12	429.45	430.15	.....	438.70	443.94	448.83	452.51	454.12
10	431.57	431.18	431.11	430.23	429.60	430.84	.....	439.57	445.10	449.39	452.44	453.77
15	431.75	431.07	431.19	429.94	429.50	431.48	.....	440.38	445.81	449.80	453.30	453.80
20	431.26	.....	430.90	429.83	429.34	432.20	.....	441.36	446.37	450.80	453.44	454.04
25	431.67	431.26	431.02	429.68	429.42	.....	.....	442.15	446.93	451.16	453.34	454.23
Fom	431.62	431.12	430.40	429.56	429.76	.....	437.56	442.99	447.83	451.98	453.68	454.30

1965

5	454.43	454.19	454.00	453.15	452.38	452.12	454.83	459.37	463.98	467.46	469.76	470.74
10	454.56	454.36	453.78	452.85	452.47	452.24	455.36	460.25	464.73	467.95	469.95	470.54
15	454.68	454.40	453.62	453.18	452.28	452.25	456.10	461.10	465.27	468.20	470.24	470.74
20	454.23	454.12	453.67	452.94	452.08	452.86	456.70	461.82	465.97	469.08	470.39	470.92
25	454.38	454.18	453.33	452.78	452.05	453.13	457.57	462.65	466.31	469.31	470.37	470.72
Fom	454.31	453.95	453.29	452.54	451.86	454.01	458.57	463.62	467.15	469.57	470.58	470.87

421648N1132111.1. Local number 13S-27E-19bb1 (previously reported 13S-26E-24aal). Paul Rentmeister. Dug and drilled irrigation water-table well in sand and gravel, diam 18 to 14 in, reported depth 425 ft, cased 18-in 0-220, 14-in 215-425, perforated 0-425. Lsd 4,528.1 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top west side of casing, 0.40 ft above lsd. Highest water level 2.07 below lsd, May 19, 1949; lowest 29.57 below lsd, Sept. 21, 1961. Records available: 1941-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	15.95	July 19, 1962	a99.44	Oct. 15, 1963	26.09	Nov. 19, 1964	16.11
Mar. 24	a65.47	Sept. 14	28.75	Nov. 15	18.73	Jan. 15, 1965	13.94
May 20	a101.77	Nov. 15	18.92	Jan. 20, 1964	18.34	Mar. 26	12.30
July 11	a99.39	Jan. 10, 1963	18.26	Mar. 26	18.25	May 20	10.97
Sept. 21	29.57	Mar. 29	17.74	May 21	19.71	Sept. 17	11.93
Nov. 14	19.25	May 24	a80.56	July 16	a17.91	Oct. 6	12.72
Jan. 18, 1962	17.70	July 18	a83.08	Sept. 18	a20.35	Nov. 18	11.54
Mar. 16	16.80	Sept. 14	29.16				

a Well being pumped.

420047N1132055.1. Local number 13S-27E-30bb1. A. D. Pierce. Dug irrigation water-table well in alluvial gravel of Quaternary age, diam 6 ft, depth 28 ft, cased with concrete to 28, perforated below water level. Lsd 4,541.6 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top north side of concrete curb, 2.30 ft above lsd. Highest water level 3.54 below lsd, June 8, 1949; lowest dry at 27.2 below lsd, May 24, 1963. Records available: 1947-65.

Jan. 24, 1961	20.25	May 24, 1962	22.70	Sept. 14, 1963	26.44	Nov. 19, 1964	22.80
Mar. 24	19.85	July 19	25.69	Oct. 15	26.35	Jan. 15, 1965	21.11
May 20	21.80	Sept. 14	27.05	Nov. 15	24.69	Mar. 26	19.75
July 11	24.32	Nov. 15	24.26	Jan. 20, 1964	24.48	May 20	16.83
Sept. 21	24.81	Jan. 10, 1963	23.81	Mar. 26	23.78	July 15	19.19
Nov. 14	23.87	Mar. 29	22.85	May 21	22.40	Sept. 17	17.92
Jan. 18, 1962	23.37	May 24	127.2	July 16	23.98	Oct. 5	15.40
Mar. 16	21.80	July 18	24.79	Sept. 18	22.47	Nov. 18	17.12

f Dry.

420936N1131822.1. Local number 14S-27E-33ca1. Harold Oman. Drilled irrigation water-table well in sand and gravel, diam 12 in, reported depth 265 ft, cased to 265. Lsd 4,680.6 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top south side of casing, 0.10 ft above lsd. Highest water level 15.50 below lsd, May 19, 1953; lowest 25.54 below lsd, Oct. 15, 1963. Records available: 1948-65.

Jan. 24, 1961	24.20	Mar. 16, 1962	24.19	Oct. 15, 1963	25.54	Nov. 19, 1964	a42.51
Mar. 25	24.10	May 24	24.16	Nov. 15	25.35	Jan. 15, 1965	24.62
May 20	a42.38	July 19	a 42.40	Jan. 20, 1964	25.11	Mar. 26	23.86
July 11	a42.77	Sept. 13	a42.59	Mar. 26	25.04	May 20	23.09
Sept. 21	a42.44	Nov. 15	24.78	May 21	24.98	Oct. 5	19.87
Nov. 14	25.26	Jan. 10, 1963	24.76	Sept. 18	a42.76	Nov. 18	20.22
Jan. 18, 1962	24.66	Mar. 29	24.38				

a Well being pumped.

420908N1133428.1. Local number 15S-25E-6ab1. Jenny Wake. Dug domestic water-table well in alluvial gravel of Quaternary age, diam 6 in, depth 34 ft, cased to 34 with backfill around casing. Lsd 5,503.7 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, at lsd. Highest water level 13.57 below lsd, June 27, 1951; lowest dry at 34 below lsd, several times, 1955-57, 1959-63. Records available: 1948-63. Measurement discontinued. Mar. 25, 1961, 34 (dry); Sept. 21, 34 (dry); Mar. 16, 1962, 34 (dry); Sept. 13, 29.66; Mar. 29, 1963, 34 (dry); Sept. 14, 34 (dr).<sup>f</sup>

420032N1131556.1. Local number 16S-27E-26ab1. Delbert Holmgren. Formerly Cook. Dug stock water-table well in alluvium of Quaternary age, diam 60 to 24 in, depth 36 ft, cribbed with wood to 36. Lsd 5,294.0 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top north side of casing (previously reported top northeast side of 2 × 12-in plank), 5.60 ft below lsd. Highest water level 8.62 below lsd, Sept. 17, 1965; lowest dry several times, 1948-50, 1953-57, 1961-62. Records available: 1936, 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 25, 1961	f29.4	Sept. 13, 1962	13.05	Oct. 15, 1963	14.81	Mar. 26, 1965	23.34
Sept. 21	f29.4	Mar. 29, 1963	25.34	Mar. 26, 1964	24.80	Sept. 17	8.62
Mar. 16, 1962	f29.4	Sept. 14	14.28	Sept. 18	11.87	Oct. 21	9.74

f Dry.

#### Clark County

440728N1122453.1. Local number 9N-34E-11ad1. Terteling Construction Co. Drilled unused water-table well in alluvial fan gravels and intercalated flows of Snake River Group, diam 4 in, depth 192 ft (original drilled depth 208 ft), cased to 208. Lsd about 4,955 ft above msl. MP top north side of casing, 0.40 ft above lsd. Highest water level 153.95 below lsd Aug. 22-28, 1965; lowest 156.94 below lsd, Oct. 20-21, 1961. Records available: 1957-65.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	.....	155.71	155.68	155.74	155.99	156.60	156.82	156.89
10	.....	.....	.....	.....	155.71	155.68	155.75	156.02	156.67	.....	156.88
15	.....	.....	.....	.....	155.74	155.69	155.70	155.79	156.06	156.73	156.86
20	.....	.....	.....	.....	155.73	155.68	155.70	155.86	.....	156.78	156.85
25	.....	.....	155.78	.....	155.72	155.68	155.71	155.92	156.49	156.81	156.92
Eom	.....	.....	.....	.....	155.71	155.69	155.73	155.95	156.56	156.82	156.91
1962											
5	.....	.....	.....	.....	156.03	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	155.96	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	156.62
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	155.56	.....	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1963											
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155.74
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155.76
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155.77
20	.....	.....	.....	.....	.....	.....	.....	155.49	.....	155.66	155.77
25	.....	.....	.....	.....	.....	155.10	.....	.....	.....	155.67	155.78
Eom	155.37	.....	.....	.....	.....	.....	.....	.....	.....	155.72	155.78
1964											
5	155.74	.....	.....	.....	155.25	155.24	.....	.....	155.33	155.52	154.68
10	155.71	.....	.....	.....	155.24	155.22	.....	.....	155.35	155.53	154.74
15	155.70	.....	.....	.....	155.25	155.22	.....	155.28	155.38	155.55	154.82
20	155.66	.....	.....	.....	155.26	155.23	.....	155.32	155.44	155.57	154.88
25	.....	.....	.....	.....	155.27	.....	.....	155.32	155.47	.....	154.93
Eom	.....	.....	.....	155.23	155.25	.....	.....	155.32	155.49	154.75	154.98
1965											
5	155.07	155.02	154.87	154.78	154.74	154.41	154.17	154.13	154.01	154.16	154.22
10	155.07	155.00	154.84	154.79	154.70	154.35	154.16	154.15	154.06	154.17	154.22
15	155.07	154.99	154.82	154.78	154.64	154.30	154.15	154.17	154.09	154.18	154.22
20	155.06	154.99	154.80	154.78	154.58	154.23	154.15	154.02	154.11	154.18	154.20
25	155.05	154.98	154.78	154.80	154.53	154.20	154.14	153.95	154.13	154.22	154.17
Eom	155.03	154.90	154.78	154.79	154.46	154.18	154.13	153.97	154.15	154.22	154.17

#### Elmore County

432456N1155614.1. Local number 1N-4E-23aal. James O. Beck. Drilled irrigation water-table well in alluvial sand of Quaternary age, diam 18 in, depth 64 ft, cased to 64, perforated and gravel-packed below water table. Lsd about 3,500 ft above msl datum of 1929. MP hole in east side (previously reported north side) of pumpbase, 1.05 ft above lsd. Highest water level 23.10 below lsd, Feb. 28, 1947; lowest 32.45 below lsd, May 29, 1959. Records available: 1947-51, 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	27.77	Apr. 30, 1962	29.22	June 28, 1963	29.83	Aug. 28, 1964	29.31
Feb. 28	28.01	May 29	29.22	July 30	30.07	Sept. 25	29.25
Mar. 30	27.89	June 29	29.12	Aug. 26	30.17	Oct. 27	29.56
Apr. 28	28.23	July 26	29.31	Sept. 25	30.26	Nov. 30	29.69
May 26	27.99	Aug. 28	29.27	Oct. 29	30.20	Dec. 30	29.55
June 27	28.33	Sept. 24	29.47	Dec. 2	30.46	Mar. 2, 1965	28.36
July 28	28.39	Oct. 25	29.47	31	30.39	May 28	26.60
Aug. 29	28.32	Nov. 26	29.39	Jan. 31, 1964	30.57	June 30	27.99
Sept. 27	28.69	Dec. 27	29.54	Feb. 28	30.33	July 30	26.72
Nov. 1	28.24	Jan. 24, 1963	29.58	Apr. 1	30.29	Aug. 31	26.76
30	28.68	Feb. 21	29.74	30	29.91	Sept. 22	26.62
Dec. 29	28.82	Mar. 21	29.69	May 28	29.58	Oct. 29	26.63
Jan. 30, 1962	29.04	Apr. 25	29.72	June 30	29.56	Nov. 30	26.57
Feb. 28	29.30	May 28	29.89	July 31	29.35	Dec. 30	26.33
Mar. 30	29.22						

431240N1154851.1. Local number 2S-5E-36bb1. Domingo Aguirre, Jr. Drilled unused water-table well in Snake River Group, diam 6 in, depth 357 ft, cased to 50. Led about 3,180 ft above mal datum of 1929. MP top east side of  $\frac{1}{2}$ -in pipe coupling, 0.20 ft above lsd. Highest water level 284.30 below lsd, Nov. 1, 1961; lowest 285.95 below lsd, May 23, 1965. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 28, 1960	284.62	Apr. 30, 1962	284.87	July 30, 1963	285.06	Oct. 17, 1964	285.16
Jan. 26, 1961	284.44	May 29	284.78	Aug. 26	285.14	Nov. 30	285.22
Feb. 28	284.73	June 29	284.72	Sept. 25	285.20	Dec. 30	285.17
Mar. 30	284.47	July 26	284.90	Oct. 29	284.82	Jan. 29, 1965	285.26
Apr. 28	284.72	Aug. 28	284.80	Dec. 2	285.38	Mar. 2	285.45
May 26	284.60	Sept. 24	284.92	31	285.30	Apr. 2	285.15
June 27	284.53	Oct. 25	285.02	Jan. 31, 1964	285.33	29	285.40
Aug. 29	284.60	Nov. 26	284.81	Feb. 28	284.99	May 28	285.95
Sept. 27	284.84	Dec. 27	284.94	Apr. 1	284.92	June 30	285.36
Nov. 1	284.30	Jan. 24, 1963	284.93	30	284.95	July 30	285.45
30	284.57	Mar. 20	284.94	May 27	284.97	Aug. 31	285.49
Dec. 28	284.79	21	284.93	June 30	285.14	Sept. 22	285.39
Jan. 30, 1962	284.84	Apr. 25	284.89	July 31	285.05	Oct. 29	285.46
Feb. 28	284.57	May 28	284.96	Aug. 28	285.03	Nov. 30	285.39
Mar. 30	284.93	June 28	284.91	Sept. 25	285.04	Dec. 30	285.09

### Fremont County

435805N1114300.1. Local number 7N-40E-2bb1. State of Idaho. Drilled institutional water-table well in Snake River Group, diam 10 in, depth 223 ft, cased to 40, open hole. Led 4,948.5 ft above mal datum of 1929. MP top of pipe coupling in casing cover, 0.70 ft above lsd (since Feb. 22, 1961). Highest water level 112.23 below lsd, Oct. 25, 1959; lowest 122.93 below lsd, Apr. 15, 1962. Records available: 1958-65.

Feb. 22, 1961	118.40	May 27, 1962	121.94	Aug. 18, 1963	a132.97	Nov. 22, 1964	a131.90
Mar. 24	119.86	June 22	a136.58	Sept. 18	a132.40	Dec. 18	115.78
Apr. 20	a136.69	July 22	a133.20	Oct. 19	114.55	Jan. 17, 1965	a134.46
May 17	121.09	Aug. 24	a131.22	Nov. 18	115.15	Feb. 26	a136.54
June 10	a137.13	Sept. 17	a130.61	Dec. 19	116.65	Apr. 1	a137.30
July 19	a132.16	Oct. 21	a130.98	Jan. 22, 1964	118.24	24	121.51
Aug. 23	a130.37	Nov. 18	114.28	Feb. 27	120.60	May 24	a138.30
Sept. 21	114.83	Dec. 14	115.39	Mar. 25	121.82	June 17	119.50
Oct. 11	115.37	Jan. 13, 1963	117.00	Apr. 24	a139.10	July 17	116.76
Nov. 17	116.70	Feb. 28	119.30	May 24	a137.90	Aug. 12	a132.47
Dec. 17	a133.74	Mar. 28	120.04	June 19	121.45	Sept. 16	113.02
Jan. 22, 1962	120.20	Apr. 25	a137.47	July 17	a134.78	Oct. 21	113.67
Feb. 16	120.84	May 26	121.09	Aug. 15	115.47	Nov. 20	a132.10
Mar. 15	122.11	June 20	a137.01	Sept. 18	a132.54	Dec. 16	115.72
Apr. 15	122.93	July 20	117.49	Oct. 21	113.60		

a Well being pumped.

### Gem County

435422N1163215.1. Local number 7N-2W-35ab1. R. J. Howard. Dug domestic water-table well in alluvial sand and gravel, diam 36 in, depth 99 ft, cased with concrete. Lsd not available. MP top of concrete curbing, 0.50 ft above lsd. Highest water level 67.5 below lsd, Oct. 12-18, Dec. 5, 1961; lowest 83.8 below lsd, May 20, June 10, 1964. Records available: 1941-42, 1948-65. Water level influenced by local irrigation.

Jan. 17, 1961	72.0	Jan. 16, 1962	69.0	Jan. 23, 1963	81.4	Dec. 3, 1963	79.7
Feb. 1	71.4	24	69.2	31	81.4	18	80.2
15	72.1	Feb. 1	72.0	Feb. 20	81.3	24	80.5
Mar. 1	73.9	Feb. 1	70.7	26	78.0	Jan. 7, 1964	80.9
10	73.7	Mar. 1	71.4	Mar. 5	81.0	15	80.9
15	74.4	8	72.0	14	79.9	31	80.5
21	73.9	15	72.6	21	80.5	Feb. 5	80.7
29	74.2	21	73.5	28	80.4	28	80.9
Apr. 19	75.6	29	74.3	Apr. 5	80.2	Mar. 7	80.6
26	75.8	Apr. 5	74.9	11	80.0	13	80.9
May 18	75.8	19	75.8	25	79.9	31	81.4
June 8	73.5	25	76.8	30	79.7	Apr. 9	81.9
14	73.8	May 3	77.4	May 8	79.7	16	82.3
July 12	78.6	9	78.5	15	80.6	22	82.8
17	78.9	17	78.5	29	81.6	29	83.2
27	78.3	June 27	78.9	June 6	80.9	May 14	83.4
Aug. 8	76.5	July 5	78.5	17	81.4	20	83.8
22	69.5	12	78.9	26	81.7	June 10	83.8
Sept. 5	69.3	25	78.6	July 5	82.0	25	83.0
12	69.0	Aug. 11	77.3	24	80.7	July 9	82.7
20	68.6	Sept. 19	77.7	Aug. 14	80.5	18	82.5
27	68.2	Oct. 5	78.4	21	79.1	29	82.5
Oct. 4	68.1	10	78.8	28	79.6	Aug. 29	75.0
12	67.5	18	79.1	Sept. 5	79.3	Sept. 9	78.2
18	67.5	23	79.4	11	78.9	26	73.6
Nov. 8	67.6	30	79.6	18	77.7	Oct. 6	73.3
16	67.8	Nov. 21	80.1	25	77.3	Feb. 15, 1965	73.3
Dec. 5	67.5	Dec. 5	80.1	Oct. 23	79.7	Mar. 9	74.2
14	67.7	12	80.4	31	79.7	23	75.5
20	68.1	21	80.6	Nov. 6	79.6	July 5	77.3
Jan. 2, 1962	68.5	Jan. 3, 1963	80.8	12	79.6	13	76.9
9	68.8	14	81.1	27	79.6	20	76.6

435422N1163215.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 28, 1965	75.8	Sept. 1, 1965	74.7	Oct. 5, 1965	71.8	Nov. 24, 1965	72.6
Aug. 3	74.6	7	75.1	24	72.0	3	72.4
9	74.2	14	69.5	Nov. 3	72.3	16	74.1
10	74.6	22	70.6	11	72.0	24	74.6
17	75.1	28	71.5	17	72.4		

Gooding County

425633N1143837.1. Local number 5S-15E-35db1 (previously reported 5S-15E-35dcl). Tom H. Gooding. Drilled domestic and stock water-table well in Snake River Group, diam 6 in, depth 184 ft, cased to 20. Lsd 3,627.3 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1961. MP top of  $\frac{1}{2}$ -in pipe coupling on north side of well cover, 0.85 ft below lsd. Highest water level 121.85 below lsd, Aug. 27, 1952; lowest 149.59 below lsd, Apr. 17, 1962. Records available: 1949-65.

Jan. 29, 1961	139.71	May 29, 1962	147.41	July 22, 1963	138.46	Oct. 23, 1964	132.75
Feb. 25	140.60	June 24	144.33	Aug. 21	136.88	Nov. 24	133.87
Mar. 25	142.93	July 24	140.94	Sept. 20	131.94	Dec. 20	135.38
Apr. 21	144.45	Aug. 27	137.04	Oct. 21	131.96	Jan. 25, 1965	135.19
May 26	144.46	Sept. 20	134.11	Nov. 20	134.85	Feb. 23	136.40
June 23	142.84	Oct. 23	134.97	Dec. 22	136.57	Mar. 22	137.42
July 22	141.25	Nov. 20	137.19	Jan. 24, 1964	139.34	Apr. 26	138.50
Aug. 26	140.13	26	137.63	Mar. 1	141.26	May 25	136.14
Sept. 23	139.38	Dec. 16	138.78	27	143.09	June 19	131.50
Oct. 22	b142.17	20	139.44	Apr. 27	144.02	July 19	127.44
Nov. 19	b143.31	Jan. 30, 1963	141.42	May 26	143.63	Aug. 14	124.97
Dec. 19	b142.37	Feb. 25	142.27	June 21	139.76	Sept. 18	122.31
Jan. 24, 1962	147.47	Mar. 29	143.67	July 26	135.46	Oct. 23	122.64
Feb. 19	148.40	Apr. 28	145.44	Aug. 24	133.50	Nov. 23	123.32
Mar. 16	149.07	May 29	144.03	Sept. 19	131.99	Dec. 18	124.82
Apr. 17	149.59	June 23	139.53				

b Well pumped recently.

424841N1144624.1. Local number 7S-14E-14dd1. Ben Cenarriesa. Drilled unused water-table well in Snake River Group, diam 5 in, depth 152 ft, casing information not available. Lsd 3,388.2 ft (previously reported about 3,890 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top east side of casing, 1.50 ft above lsd. Highest water level 131.26 below lsd, Oct. 21, 1952; lowest 143.68 below lsd, May 21, 1962. Records available: 1951-65.

Jan. 23, 1961	138.43	May 21, 1962	143.68	Sept. 11, 1963	136.20	Nov. 16, 1964	134.93
Mar. 20	140.49	July 16	140.44	Nov. 12	134.98	Jan. 11, 1965	137.66
May 16	141.90	Sept. 10	137.09	Jan. 13, 1964	138.22	Mar. 22	141.20
July 10	142.03	Nov. 12	135.18	Mar. 23	141.14	May 17	140.34
Sept. 18	138.84	Jan. 7, 1963	138.10	May 18	142.47	July 12	137.77
Nov. 11	139.74	Mar. 25	141.24	July 13	139.76	Sept. 13	134.21
Jan. 15, 1962	141.78	May 20	142.10	Sept. 14	135.87	Nov. 15	133.04
Mar. 12	142.93	July 15	139.32				

425133N1145040.1. Local number 6S-14E-31db1. J. A. Thomsen. Drilled domestic and public-supply water-table well in Snake River Group, diam 6 in, depth 167 ft, cased to 10. Lsd 3,304.1 ft (previously reported about 3,305 ft) above msl datum of 1929 (preliminary). MP top south side of casing, 5.80 ft below lsd. Highest water level 138.58 below lsd, Sept. 22, 1953; lowest 147.63 below lsd, Mar. 25, 1950. Records available: 1949-65.

Jan. 23, 1961	144.39	May 21, 1962	147.25	Sept. 11, 1963	141.49	Nov. 16, 1964	141.24
Mar. 20	145.84	July 16	144.84	Nov. 12	141.52	Jan. 11, 1965	143.25
May 16	146.20	Sept. 10	144.77	Jan. 13, 1964	144.05	Mar. 22	145.18
July 10	145.43	Nov. 12	141.78	Mar. 23	145.75	May 17	145.06
Sept. 18	144.15	Jan. 7, 1963	144.06	May 18	146.48	July 12	b142.27
Nov. 11	144.88	Mar. 25	146.25	July 13	144.01	Sept. 13	139.65
Jan. 15, 1962	146.63	May 20	146.18	Sept. 14	141.29	Nov. 15	139.26
Mar. 12	147.16	July 15	a143.95				

a Well being pumped.

b Well pumped recently.

424355N1144945.1. Local number 8S-14E-16db1. Sand Springs Ranch. Drilled unused water-table well in Snake River Group, diam 6 in, depth 53 ft, galvanized iron casing to basalt bedrock, cased to 50 with 5-in aluminum pipe. Lsd 3,175.3 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top west side of casing, 1.00 ft above lsd. Highest water level 36.50 below lsd, Sept. 22, 1953; lowest 40.38 below lsd, May 11-12, 1962. Records available: 1951-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	38.67	38.97	39.18	39.49	39.53	39.34	39.26	38.93	38.90	38.75	39.08	39.36
10	38.73	38.99	39.25	39.53	39.57	39.25	39.25	38.85	38.90	38.82	39.11	39.36
15	38.77	39.03	39.28	39.53	39.57	39.37	39.17	38.82	38.73	38.94	39.17	39.41
20	38.85	39.10	39.34	39.57	39.35	39.18	39.18	38.65	38.70	38.96	39.18	39.41
25	38.84	39.15	39.38	39.58	39.49	39.37	39.07	38.73	38.60	38.92	39.21	39.47
From	38.90	39.19	39.45	39.60	39.40	39.37	39.30	38.75	38.75	38.98	39.26	39.56
1962												
5	39.61	39.77	39.90	40.12	40.25	39.27	39.03	38.39	37.98	37.43	37.77	38.33
10	39.66	39.78	39.90	40.15	40.32	39.29	39.03	38.18	37.85	37.42	37.90	38.41
15	39.65	39.80	39.98	40.22	40.28	39.35	38.94	38.10	37.85	37.35	37.96	38.44
20	39.60	39.83	40.00	40.23	40.00	39.18	38.53	38.24	37.68	37.47	38.07	38.52
25	39.59	39.85	40.03	40.22	39.62	39.05	38.78	38.18	37.57	37.67	38.15	38.58
From	39.75	39.87	40.08	40.27	39.29	39.07	38.62	38.05	37.68	37.76	38.23	38.65

424355N1144945, 1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	38.74	.....	39.40	39.94	39.50	39.20	38.64	38.31	37.86	37.38	37.65	38.30
10	38.74	.....	39.43	39.76	39.62	38.87	38.74	38.13	37.66	37.38	37.86	38.29
15	.....	39.20	39.45	39.60	39.54	38.75	38.69	38.13	37.70	37.33	37.90	38.42
20	.....	39.25	39.55	39.45	39.49	38.80	38.60	38.06	37.49	37.53	37.97	38.48
25	.....	39.31	39.60	39.52	39.58	38.60	38.55	37.91	37.47	37.52	38.14	38.58
Eom	.....	39.35	39.72	39.55	39.49	38.73	38.47	37.83	37.40	37.57	38.23	38.70
1964												
5	38.74	39.10	39.36	39.60	39.43	39.54	38.84	38.33	37.85	37.47	37.70	38.32
10	38.78	39.12	39.40	39.67	39.66	39.24	38.85	38.18	37.73	37.32	37.77	38.37
15	38.86	39.17	39.47	39.83	39.71	38.94	38.78	38.12	37.54	37.08	37.94	38.43
20	38.82	39.27	39.52	39.78	39.85	38.85	38.82	38.22	37.44	37.37	38.07	38.49
25	38.92	39.29	39.52	39.58	38.82	38.92	38.70	38.16	37.37	37.44	38.12	38.52
Eom	39.03	39.33	39.59	39.52	39.70	38.85	38.42	37.95	37.34	37.60	38.23	38.58
1965												
5	38.63	38.97	39.27	39.57	39.49	38.91	38.45	37.92	37.34	36.97	37.46	37.85
10	38.75	39.02	39.31	39.41	39.40	38.81	38.37	37.90	37.40	37.08	37.52	37.89
15	38.80	39.08	39.35	39.35	39.40	38.72	38.33	37.76	37.24	36.97	37.53	37.97
20	38.83	39.15	39.43	39.32	39.23	38.54	38.24	37.63	36.94	37.17	37.64	38.12
25	38.82	39.17	39.55	39.42	39.07	38.47	38.18	37.55	37.10	37.32	37.64	38.14
Eom	38.91	39.18	39.66	39.65	38.87	38.50	38.03	37.58	37.21	37.42	37.76	38.19

424045N1144807, 1. Local number 9S-14E-38a1. George L. Van Noy. Drilled domestic and stock water-table well in Snake River Group, diam 6 in, depth 99 ft, cased to bedrock. Lsd 3,203.2 ft (previously reported about 3,209 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 0.70 ft above lsd. Highest water level 69.65 below lsd, Oct. 16, 1956; lowest 74.56 below lsd, Mar. 12, 1952. Records available: 1929, 1951-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 20, 1961	73.69	July 16, 1962	72.88	Sept. 11, 1963	72.53	Nov. 16, 1964	71.50
May 16	73.69	Sept. 10	71.40	Nov. 12	71.32	Jan. 11, 1965	72.71
July 10	73.22	Nov. 12	71.38	Jan. 13, 1964	72.88	Mar. 22	73.76
Sept. 18	72.74	Jan. 7, 1963	72.78	Mar. 23	73.87	May 17	73.52
Nov. 11	72.29	Mar. 25	73.96	May 18	74.35	July 12	71.92
Jan. 15, 1962	74.13	May 20	73.87	July 13	72.60	Sept. 13	70.50
Mar. 12	74.56	July 15	72.53	Sept. 14	71.09	Nov. 15	70.83
May 21	74.50						

423927N1143712, 1. Local number 9S-16E-7da1. A. L. Robison. Drilled domestic and stock water-table well in Snake River Group, diam 6 in, depth 128 ft, cased to 32. Lsd 3,447.5 ft (previously reported about 3,460 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northwest side of casing, 4.60 ft below lsd (since Mar. 20, 1961). Highest water level 91.34 below lsd, Sept. 22, 1958; lowest 114.38 below lsd, Jan. 5, 1952. Records available: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1961	109.49	July 16, 1962	98.40	Sept. 11, 1963	96.38	Nov. 16, 1964	104.77
Mar. 20	111.92	Sept. 10	93.74	Nov. 12	103.92	Jan. 11, 1965	109.30
May 16	104.24	Nov. 12	102.67	Jan. 13, 1964	109.84	Mar. 22	111.32
Sept. 19	97.83	Jan. 7, 1963	109.04	Mar. 23	111.88	May 17	105.72
Nov. 11	102.58	Mar. 25	112.20	May 18	107.93	July 12	97.01
Jan. 15, 1962	109.53	May 20	105.74	July 13	97.80	Sept. 13	96.89
May 21	104.18	July 15	100.49	Sept. 14	92.99	Nov. 15	101.04

## Jefferson County

440204N121322, 1. Local number 8N-36E-9db1. E. Motel. Drilled stock and domestic water-table well in Snake River Group, diam 6 in, reported depth 67 ft, casing information not available. Lsd about 4,840 ft above msl, MP top north side of casing, 2.25 ft above lsd. Highest water level 46.6 below lsd, Nov. 16, 1929; lowest 55.16 below lsd, Dec. 18, 1958. Records available: 1929, 1949-63. Measurement discontinued; well destroyed.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 25, 1961	52.45	Oct. 20, 1961	53.08	Sept. 18, 1962	53.81	Apr. 26, 1963	51.36
Apr. 12	51.91	Dec. 17	52.86	Oct. 22	53.24	June 21	51.63
May 19	52.52	Feb. 17, 1962	52.73	Dec. 14	53.48	Aug. 19	52.73
June 14	53.64	Mar. 15	52.20	Mar. 1, 1963	51.51	Sept. 19	51.54
Aug. 24	53.75	Aug. 25	54.29	29	51.61	Oct. 19	51.22
Sept. 22	53.51						

435353N123317, 1. Local number 7N-33E-35bb1. Stewart Bros. Dug stock and domestic water-table well in sand of Tertiary age, diam 30 in, depth 47 ft, cased with concrete to 40. Lsd 4,784.2 ft above msl datum of 1929 (preliminary) (previously reported 1946). MP top west side of concrete casing, 7.40 ft below lsd. Highest water level 7.00 below lsd, Aug. 6, 1959; lowest 30.01 below lsd, Apr. 5, 1950. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 24, 1961	16.77	May 28, 1962	b15.87	Aug. 19, 1963	a8.20	Nov. 23, 1964	8.11
Mar. 25	18.84	June 22	a13.33	Sept. 19	8.55	Dec. 19	b9.80
Apr. 13	b19.89	July 23	a10.42	Oct. 20	8.04	Jan. 18, 1965	11.54
May 19	14.34	Aug. 25	a8.44	Nov. 19	a8.20	Feb. 27	b13.87
June 15	9.28	Sept. 19	a8.71	Dec. 21	9.80	Apr. 2	16.02
July 12	a8.35	Oct. 22	7.92	Jan. 23, 1964	12.70	May 25	b17.52
Aug. 24	a7.71	Nov. 19	8.35	Feb. 23	14.95	May 24	13.38
Sept. 22	7.83	Dec. 15	10.16	Mar. 26	16.86	June 18	b9.70
Oct. 21	7.96	Jan. 14, 1963	12.41	Apr. 26	17.95	July 18	8.36
Nov. 18	9.05	Mar. 2	15.50	May 25	a17.73	Aug. 13	a8.25
Dec. 19	12.09	29	17.18	June 20	12.18	Sept. 17	a8.15
Jan. 23, 1962	14.45	Apr. 27	16.61	July 19	9.77	Oct. 22	a8.28
Feb. 18	16.22	May 28	12.05	Aug. 16	7.97	Nov. 22	a8.53
Mar. 16	a17.74	June 22	9.34	Sept. 19	a8.12	Dec. 17	b9.27
Apr. 16	18.29	July 21	8.89	Oct. 22	b8.29		

- a Well being pumped.  
b Well pumped recently.



435727N1122805.1. Local number 7N-34E-4cd1. U. S. Government. Drilled observation water-table well in Snake River Group, diam 6 in, depth 57 ft, open bottom. Lsd 4,791.8 ft above msl datum of 1929. MP top northeast side of casing, at lsd. Highest water level 2.55 below lsd, May 2, 1956; lowest 30.50 below lsd, Aug. 13, 1961. Records available: 1956-65. Recorder installed Feb. 13, 1957. Mar. 12, 1956, 5.77; May 2, 2.55; Nov. 13, 13.62; Dec. 10, 15.09; Dec. 12, 10.61; Jan. 7, 1957, 8.92.

Water level at noon, from recorder graph, 1957												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	6.25	8.76	12.55	16.60	21.41	18.46	20.34	16.39	12.42
10	.....	.....	6.80	6.16	9.70	.....	17.64	21.55	18.84	20.50	15.80	12.14
15	.....	7.64	6.80	6.16	10.28	.....	18.32	21.65	18.39	20.15	15.25	.....
20	.....	.....	6.62	6.02	9.22	.....	19.54	21.55	19.14	19.55	14.39	.....
25	.....	.....	6.51	6.80	9.61	.....	20.37	19.58	18.53	18.17	.....	.....
Eom	.....	.....	6.34	7.85	11.36	.....	21.01	18.80	19.18	17.10	.....	.....
1958												
5	10.54	8.74	7.63	6.86	8.04	16.23	20.15	23.07	20.89	21.07	18.72	14.44
10	.....	8.55	7.56	6.75	9.51	17.05	20.66	23.15	21.16	20.15	17.95	13.93
15	.....	8.40	7.28	6.55	10.45	17.28	21.27	23.35	20.52	20.37	17.27	13.35
20	.....	8.21	7.18	6.40	11.59	17.50	22.04	22.58	20.09	21.14	16.85	12.80
25	.....	7.81	7.04	6.38	13.17	18.36	22.60	21.30	19.90	20.16	15.89	12.22
Eom	9.10	7.93	6.85	6.74	14.79	19.63	22.79	21.11	20.38	20.53	15.15	11.83
1959												
5	.....	9.37	8.17	7.25	10.77	15.49	20.54	.....	23.39	23.34	22.05	17.11
10	11.02	9.10	8.13	7.17	11.55	16.74	21.16	24.51	22.72	23.67	21.12	16.33
15	10.78	8.96	8.03	8.16	11.61	17.92	22.07	24.80	22.85	.....	19.77	15.79
20	.....	8.79	7.95	9.31	11.93	18.99	22.57	24.88	23.36	.....	19.62	15.15
25	.....	8.60	7.65	9.87	12.63	19.88	23.37	25.18	22.83	.....	17.98	14.36
Eom	.....	8.56	7.55	10.69	12.84	20.54	23.82	24.60	22.62	.....	17.28	.....
1960												
5	.....	10.48	.....	.....	7.69	16.74	.....	.....	.....	26.99	22.35	.....
10	.....	10.25	.....	7.62	7.52	17.90	.....	.....	.....	27.26	21.62	.....
15	.....	9.94	.....	7.48	10.43	17.73	24.10	.....	.....	27.33	21.15	16.08
20	.....	9.45	.....	7.30	12.07	19.13	.....	.....	.....	.....	20.26	.....
25	11.13	9.28	.....	7.24	13.79	.....	.....	.....	.....	24.07	19.31	.....
Eom	10.82	.....	.....	7.20	15.47	.....	.....	.....	26.59	22.95	.....	.....
1961												
5	.....	.....	9.38	8.44	12.98	19.66	.....	30.09	.....	21.34	19.13	14.60
10	.....	.....	9.29	8.37	13.91	20.52	.....	30.22	.....	20.76	17.99	14.06
15	.....	.....	8.95	8.52	15.01	21.80	27.35	30.46	.....	20.28	17.24	13.57
20	.....	.....	8.88	9.01	16.32	23.05	28.47	29.48	.....	20.13	16.75	13.24
25	.....	9.94	8.62	11.01	17.63	24.67	29.03	.....	22.59	20.21	15.76	12.62
Eom	.....	9.87	8.59	11.92	18.75	.....	29.61	.....	22.06	19.46	15.10	12.45
1962												
5	12.00	.....	.....	7.80	7.32	12.02	17.30	22.29	20.17	20.20	17.73	13.63
10	11.72	.....	.....	7.71	8.11	12.44	17.68	22.96	20.23	20.81	16.82	13.06
15	11.23	.....	.....	7.41	9.79	13.81	18.18	22.44	18.57	20.04	16.12	12.40
20	10.62	.....	8.29	7.32	10.70	15.00	18.98	21.79	19.26	19.45	15.48	12.13
25	.....	.....	8.25	7.23	.....	16.33	20.19	22.62	18.83	18.88	14.96	11.63
Eom	.....	.....	7.88	7.30	11.90	17.16	21.36	20.23	18.46	18.39	14.13	11.07
1963												
5	10.84	9.08	7.92	7.10	9.65	12.12	17.82	23.23	21.55	18.02	18.02	13.63
10	10.33	8.67	7.63	7.15	10.94	.....	18.95	24.15	20.60	17.82	17.39	12.98
15	10.12	8.62	7.32	8.01	10.46	.....	18.99	24.92	19.76	18.07	16.45	12.48
20	9.95	8.41	7.53	10.48	12.16	13.22	20.61	25.63	19.13	18.33	15.62	11.93
25	9.41	8.30	7.45	9.92	13.08	14.91	21.58	25.63	18.45	18.40	15.06	11.50
Eom	9.10	8.10	7.09	9.18	12.34	16.41	22.85	23.60	17.83	18.97	14.29	11.13
1964												
5	10.72	8.96	7.84	.....	6.37	11.65	16.59	22.46	21.84	23.19	18.48	14.08
10	.....	8.73	7.79	.....	6.46	10.30	17.36	23.33	20.92	23.13	17.54	13.30
15	.....	8.45	.....	.....	7.45	11.78	18.46	24.14	21.01	22.05	17.00	12.58
20	.....	8.50	.....	.....	9.39	13.05	18.92	24.83	21.81	20.53	16.19	12.15
25	9.57	8.33	.....	6.52	10.36	13.46	19.67	24.92	22.36	20.68	15.25	11.77
Eom	9.35	8.08	.....	6.63	11.48	15.18	21.34	22.83	22.61	19.63	14.57	11.17
1965												
5	10.84	.....	7.70	6.40	5.68	12.46	16.57	22.05	19.59	17.35	16.02	11.74
10	10.50	8.79	7.42	6.12	5.70	12.98	17.14	22.95	19.25	18.07	15.02	11.04
15	10.30	8.65	7.18	6.20	7.01	13.78	18.20	23.15	19.01	.....	14.23	10.64
20	9.78	8.30	7.08	6.00	8.71	14.70	18.98	22.90	17.57	18.80	13.51	10.31
25	9.61	8.25	6.80	5.98	9.78	15.82	.....	21.76	16.93	18.07	12.72	9.77
Eom	9.25	7.86	6.66	5.83	11.12	16.72	21.05	20.16	16.60	16.93	12.27	9.39

435507N1122223.1. Local number 7N-35E-30cb1. Idaho Department of Fish and Game. Drilled observation water-table well in Snake River Group, diam 20 in, depth 58 ft (previously reported 65 ft), cased to 45. Lsd 4,818.2 ft above msl datum of 1929. MP top northeast side of casing, 1.50 ft above lsd (since June 10, 1964). Highest water level 32.4 below lsd, Apr. 23, 1956; lowest dry at 58.0 below lsd, Sept. 8-17, 1961. Records available: 1955-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	40.78	40.19	39.10	38.85	40.55	45.48	50.62	55.45	57.92	52.53	47.03	.....
10	39.60	39.71	37.83	39.30	41.24	46.31	51.52	56.08	f58	51.34	46.41	.....
15	38.58	39.31	37.49	39.70	42.12	47.24	52.33	56.62	f58	50.33	45.91	.....
20	.....	39.05	37.30	39.94	42.80	46.13	53.20	57.07	57.50	49.37	45.32	.....
25	.....	38.67	37.08	40.17	43.64	49.01	54.02	57.40	55.73	48.54	44.84	.....
Eom	40.53	38.54	38.40	40.41	44.65	49.79	54.90	57.77	53.96	47.57	44.38	.....

f Dry.

435507N1122223, 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	35.81	34.73	35.10	36.85	41.00	47.18	50.10	46.65	42.92
10	.....	.....	36.84	35.56	34.53	35.34	37.34	41.68	47.88	50.37	45.88	42.38
15	.....	.....	36.70	35.34	34.44	35.55	38.08	42.73	48.52	50.70	45.13	41.81
20	.....	37.75	36.38	35.15	34.48	35.84	38.74	43.99	48.99	50.07	44.49	41.34
25	.....	37.50	36.22	34.99	34.60	36.13	39.46	45.14	49.44	49.09	43.90	40.80
Eom	.....	.....	35.95	34.93	34.91	36.50	40.34	46.33	49.84	47.74	43.36	40.20

1963												
5	39.83	37.55	36.02	37.84	39.60	40.29	39.78	47.06	52.13	48.24	44.62	.....
10	39.33	37.15	35.70	38.70	38.51	40.99	41.16	48.04	52.58	47.15	44.17	.....
15	38.99	36.92	35.41	39.39	37.80	40.61	42.45	48.96	52.89	46.27	.....	.....
20	38.56	36.66	35.40	40.05	37.32	39.69	43.65	49.85	52.79	45.56	43.30	.....
25	38.25	36.41	35.57	40.60	38.19	39.23	44.74	50.67	51.14	44.98	43.11	.....
Eom	37.75	36.22	36.78	40.85	39.51	38.96	46.02	51.53	49.60	44.94	.....	.....

1964												
5	.....	.....	.....	.....	35.24	35.52	37.60	44.93	50.45	49.65	45.88	42.92
10	.....	.....	.....	.....	34.89	36.80	38.68	45.99	50.98	48.61	45.38	42.34
15	.....	.....	.....	.....	34.61	.....	39.94	47.00	51.40	47.80	45.01	41.75
20	.....	.....	.....	.....	34.40	38.67	41.20	48.08	51.75	47.30	44.52	41.31
25	.....	.....	.....	36.60	34.33	38.00	42.43	46.92	52.02	46.74	43.92	40.87
Eom	.....	.....	.....	35.86	34.28	37.65	43.79	49.82	50.88	46.27	43.45	40.31

1965												
5	39.91	37.57	36.03	34.56	33.58	33.64	39.51	45.99	50.69	44.79	42.53	40.50
10	39.57	37.30	36.75	34.32	33.54	33.95	40.72	46.90	50.34	44.25	42.28	39.97
15	39.22	37.05	35.49	34.29	33.40	34.23	41.91	47.80	48.89	43.62	41.98	39.56
20	38.68	36.71	35.31	34.06	33.27	35.11	42.96	48.63	47.54	43.37	41.62	39.22
25	38.33	36.50	35.02	33.93	33.26	36.55	44.03	49.38	46.43	43.11	41.25	38.72
Eom	37.92	36.25	34.82	33.77	33.35	38.08	45.14	50.20	45.60	42.82	40.90	38.24

435551N1120429, 1. Local number 7N-37E-14chl. Hillman Bros. Drilled stock and domestic water-table well in Snake River Group, diam 6 in, depth 93 ft, casing information not available. Lsd 4,863.0 ft above msl datum of 1929. MP top of hole in board on east side over pump support, 0.80 ft above lsd (since May 27, 1963). Highest water level 70.30 below lsd, June 30, 1922; lowest 79.82 below lsd, Mar. 15, 1962. Records available: 1922, 1929, 1949-55, 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1961	77.08	Oct. 20, 1961	77.13	Dec. 14, 1962	76.10	Aug. 19, 1963	76.28
Feb. 23	78.05	Nov. 17	76.56	Jan. 14, 1963	76.30	Sept. 19	76.23
Mar. 25	79.57	Mar. 15, 1962	79.82	Mar. 1	76.52	Oct. 19	76.26
Apr. 12	76.79	June 22	78.38	29	76.55	Nov. 18	76.16
May 19	79.53	July 23	76.60	Apr. 26	b80.28	Apr. 26, 1964	76.31
June 14	78.06	Aug. 25	76.70	May 27	76.28	Sept. 18	76.25
July 20	77.81	Sept. 18	76.42	June 21	76.23	Apr. 1, 1965	75.70
Aug. 24	77.99	Oct. 22	76.41	July 20	76.02	Sept. 16	75.30
Sept. 22	78.02	Nov. 19	76.20				

b Well pumped recently.

435400N1120645, 1. Local number 7N-37E-28ccl. U.S. Geol. Survey. Drilled exploratory water-table well in Snake River Group, diam 6 in, depth 135 ft, cased to 103, open hole below. Lsd 4,848.5 ft above msl datum of 1929. MP top of pipe coupling in well seal, 0.70 ft above lsd. Highest water level 62.49 below lsd, Sept. 19, 1960; lowest 65.09 below lsd, Sept. 22, 1961. Records available: 1960-65.

July 6, 1960	64.13	Dec. 14, 1962	63.64	Nov. 18, 1963	63.85	Apr. 1, 1965	63.51
Aug. 24	63.95	Jan. 14, 1963	63.75	May 24, 1964	64.15	May 25	63.69
Sept. 19	62.49	Mar. 1	63.76	July 18	63.93	May 24	63.19
Mar. 25, 1961	64.04	29	63.91	Aug. 15	64.15	June 17	63.40
Sept. 22	65.09	Apr. 26	63.97	Sept. 18	64.12	July 18	63.31
Mar. 15, 1962	64.73	May 27	64.05	Oct. 20	64.08	Aug. 11	63.44
July 23	64.08	June 21	64.04	Nov. 23	63.80	Sept. 17	63.14
Aug. 25	64.24	July 20	64.34	Dec. 18	63.54	Oct. 20	63.05
Sept. 18	64.10	Aug. 19	64.52	Jan. 18, 1965	63.70	Nov. 21	62.70
Oct. 22	63.86	Sept. 19	64.31	Feb. 26	63.61	Dec. 17	62.79
Nov. 19	63.72	Oct. 19	64.00				

435303N112325, 1. Local number 6N-33E-2ba1. Stewart Bros. Drilled stock water-table well in Snake River Group and sand interflow beds, diam 8 in, reported depth 245 ft, cased to 100. Lsd about 4,783 ft above msl datum of 1929 (preliminary). MP top of hole in steel plate over casing, 4.30 ft below lsd (since Mar. 25, 1961). Highest water level 191.59 below lsd, Dec. 18, 1961; lowest 202.93 below lsd, Dec. 16, 1953. Records available: 1949-65.

Mar. 25, 1961	a196.92	Sept. 19, 1962	192.64	Sept. 19, 1963	a197.65	Oct. 22, 1964	b194.10
Apr. 13	b193.66	Oct. 22	192.47	Oct. 20	a194.39	Nov. 23	194.00
May 19	193.03	Nov. 19	192.08	Nov. 19	b192.83	Jan. 18, 1965	194.15
July 14	193.34	Dec. 15	192.26	Dec. 21	a195.21	Feb. 27	193.70
Sept. 22	192.24	Jan. 14, 1963	192.35	Jan. 23, 1964	192.11	Apr. 2	b194.24
Oct. 21	192.13	Mar. 2	a197.33	Mar. 26	a203.29	May 25	194.73
Nov. 18	192.16	29	193.10	Apr. 26	a203.77	May 24	a197.90
Dec. 18	191.59	Apr. 27	192.65	May 25	193.69	June 18	194.72
Feb. 18, 1962	193.38	May 28	b193.31	June 20	193.10	July 18	194.86
Mar. 16	b192.98	June 22	192.84	July 19	194.43	Sept. 17	194.95
May 28	a197.98	July 21	a195.89	Aug. 16	193.79	Oct. 22	194.22
July 23	a195.87	Aug. 19	a198.66	Sept. 19	a195.88	Dec. 17	202.27
Aug. 25	b193.45						

a Well being pumped.

b Well pumped recently.

434930N1121230.1. Local number 6N-36E-27ba1. U.S. Geol. Survey. Drilled exploratory water-table well in Snake River Group, diam 8 in, depth 227 ft, cased to 8, open hole below. Lsd 4,884.3 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP bottom edge of hole in east side of galvanized casing, 1.18 ft above lsd. Highest water level 182.51 below lsd, Nov. 21, 1965; lowest 184.39 below lsd, June 14, 1961. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 26, 1960	184.03	Dec. 17, 1961	183.86	Apr. 26, 1963	183.61	Oct. 20, 1964	183.56
Aug. 24	183.83	Jan. 22, 1962	184.02	May 27	183.75	Nov. 23	183.29
Sept. 19	183.64	Feb. 17	184.11	Aug. 18	183.96	Dec. 18	183.06
Oct. 26	183.39	Mar. 15	183.92	Sept. 18	183.72	Jan. 18, 1965	183.27
Dec. 15	183.41	Apr. 16	183.64	Oct. 19	183.52	Feb. 26	183.28
Jan. 27, 1961	183.47	May 23	183.61	Nov. 18	183.48	Apr. 1	183.04
Feb. 23	183.55	June 22	183.57	Dec. 20	183.49	25	183.24
Mar. 25	183.52	July 23	183.36	Jan. 23, 1964	183.45	May 24	183.00
Apr. 12	183.70	Aug. 24	183.39	Feb. 28	183.69	June 17	183.39
May 19	184.14	Sept. 18	182.89	Apr. 25	183.73	July 18	183.12
June 14	184.39	Oct. 21	183.02	May 24	183.84	Aug. 11	183.05
July 10	184.30	Nov. 18	183.04	June 19	183.98	Sept. 17	182.67
Aug. 23	184.24	Dec. 14	183.12	July 18	183.67	Oct. 20	182.71
Sept. 21	183.93	Jan. 14, 1963	183.22	Aug. 15	183.80	Nov. 21	182.51
Oct. 20	183.80	Mar. 1	183.34	Sept. 16	183.60	Dec. 7	182.61
Nov. 17	183.81	28	183.32				

434567N1122932.1. Local number 5N-34E-9bdl. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group, diam 6 to 4 in, depth 553 ft, cased to 322, perforated below water level. Lsd 4,791.3 ft above msl datum of 1929 (preliminary). MP top southwest side of casing, 1.76 ft above lsd. Highest water level 253.6 below lsd, Jan. 17, 1954; lowest 260.62 below lsd, Sept. 2, 1964. Records available: 1950-65. Water level affected by barometric pressure. Recorder removed May 11, 1961; re-installed Apr. 22, 1965; removed Oct. 30, 1965.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	255.13	255.05	254.77	255.46	256.10	.....	.....	.....	.....	.....	.....
10	255.15	254.82	254.95	255.47	256.18	.....	.....	.....	.....	.....	.....
15	255.03	254.74	254.88	255.76	.....	.....	.....	.....	.....	.....	.....
20	255.05	254.99	255.07	255.75	.....	.....	.....	.....	.....	.....	.....
25	254.85	254.85	254.99	255.91	.....	.....	.....	.....	.....	.....	.....
Eom	254.84	255.03	255.36	256.08	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 5, 1961	257.26	July 16, 1962	260.05	Aug. 20, 1963	259.87	Sept. 2, 1964	260.62
28	258.11	Aug. 15	260.44	Sept. 25	259.71	30	260.04
July 20	258.87	Sept. 19	259.78	Oct. 28	258.70	Oct. 27	259.10
Sept. 21	258.78	Oct. 23	258.67	Nov. 20	257.64	Nov. 28	257.72
Oct. 24	257.93	Nov. 13	257.69	Dec. 27	256.99	Jan. 5, 1965	256.52
Nov. 21	257.22	Dec. 13	256.70	Feb. 24, 1964	256.20	26	256.44
Dec. 26	256.71	Jan. 18, 1963	255.75	Mar. 26	256.73	Feb. 24	256.34
Feb. 5, 1962	256.80	Feb. 26	255.63	Apr. 22	257.12	Mar. 15	256.25
26	256.62	Mar. 20	255.94	May 20	258.03	Nov. 4	257.60
Apr. 17	257.88	Apr. 24	256.39	June 24	259.28	23	256.56
May 21	258.41	June 27	258.23	July 24	260.13	Dec. 22	255.86
June 25	259.51	July 22	259.06				

Water level at noon, from recorder graph, 1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	.....	.....	257.67	258.76	259.45	259.34	258.60	.....
10	.....	.....	.....	.....	.....	257.77	.....	259.56	259.28	258.51	.....
15	.....	.....	.....	.....	.....	257.74	258.98	259.62	259.11	258.12	.....
20	.....	.....	.....	.....	.....	258.13	259.08	259.61	259.12	258.25	.....
25	.....	.....	.....	256.87	.....	258.14	259.26	259.52	258.88	258.09	.....
Eom	.....	.....	.....	.....	257.47	258.51	259.45	259.62	258.90	257.84	.....

434447N1121336.1. Local number 5N-36E-21dal. U.S. Geol. Survey. Drilled exploratory water-table well in Snake River Group, diam 6 in, depth 300 ft, cased to 103, open end. Lsd 4,800.9 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.00 ft above lsd. Highest water level 254.70 below lsd, Dec. 15, 1960; lowest 263.05 below lsd, June 22, 1962. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 24, 1960	259.40	Sept. 21, 1961	259.05	Mar. 1, 1963	255.64	Sept. 16, 1964	260.62
Sept. 19	258.31	Oct. 20	258.41	28	256.24	Oct. 20	258.90
Oct. 26	256.13	Mar. 15, 1962	257.94	Apr. 26	257.08	Dec. 17	256.37
Dec. 15	254.70	Apr. 16	262.05	June 21	259.39	Apr. 1, 1965	256.50
Mar. 25, 1961	255.64	June 22	263.05	Aug. 18	258.62	24	257.50
Apr. 20	261.21	Aug. 24	261.10	Sept. 18	260.16	June 16	259.24
June 14	259.25	Sept. 18	259.92	Oct. 19	258.36	Sept. 16	259.38
July 10	260.12	Oct. 21	257.87	June 19, 1964	260.42	Oct. 20	257.53
Aug. 23	260.14	Dec. 14	255.55	Aug. 15	261.56	Dec. 17	255.20

434448N1121209.1. Local number 5N-36E-23chl. George Lake. Dug stock and domestic water-table well in sand of Quaternary age, diam 36 in, depth 29 ft, cribbed with stone to 29. Lsd about 4,761 ft above msl. MP top of concrete curbing, at lsd. Highest water level 3.75 below lsd, Oct. 23, 1952; lowest 20.0 below lsd, Nov. 7, 1929. Records available: 1922, 1929, 1949, 1951-57, 1959-65.

434448N1121209,1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 23, 1961	16.49	Aug. 24, 1962	7.27	Sept. 18, 1963	6.72	Dec. 17, 1964	10.01
Mar. 25	15.20	Sept. 18	8.80	Oct. 19	5.08	Feb. 26, 1965	12.84
Apr. 20	15.83	Oct. 21	9.06	Dec. 20	11.01	Apr. 1	13.15
June 14	a7.81	Dec. 14	9.80	Mar. 25, 1964	15.63	24	13.87
July 10	6.58	Mar. 1, 1963	14.47	Apr. 25	15.05	June 16	8.45
Aug. 23	6.10	28	15.93	June 19	b9.52	Aug. 11	7.36
Sept. 21	8.24	Apr. 26	a17.33	Aug. 15	6.18	Sept. 16	10.05
Oct. 20	9.06	June 21	a16.59	Sept. 16	8.14	Oct. 20	8.91
Apr. 16, 1962	6.92	Aug. 18	7.99	Oct. 20	6.12	Dec. 17	12.88
June 22	8.56						

a Well being pumped.

b Well pumped recently.

## Jerome County

425055N1143030,1. Local number 7S-17E-6a-1. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in, depth 345 ft, cased to 345, perforated 322-345, open end. Lsd 3,879.6 ft above msl datum of 1929. MP top northeast side of casing, 1.10 ft above lsd. Highest water level 308.74 below lsd, Nov. 24, 1965; lowest 317.18 below lsd, June 4, 1964. Records available: 1963-65. Recorder installed Dec. 10, 1963.

June 27, 1963	316.19	Sept. 11, 1963	312.31	Dec. 10, 1963	310.85	Dec. 25, 1963	311.38
July 15	315.84	Oct. 14	310.94	20	311.14	31	311.69
Aug. 14	314.53	Nov. 12	310.38				

## Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	314.62	315.44	317.16	316.51	315.36	313.56	311.63	310.96	311.27
10	.....	.....	313.96	314.90	315.62	317.10	316.48	315.06	313.35	311.64	310.67	311.18
15	.....	.....	314.18	314.90	315.74	317.01	316.35	314.74	312.82	311.17	310.93	311.27
20	312.07	.....	314.29	315.11	316.49	316.76	316.22	314.44	312.48	311.18	310.99	311.46
25	312.40	313.42	314.46	315.21	316.90	316.51	316.00	314.14	311.84	310.92	310.94	311.15
Eom	.....	.....	314.44	315.34	317.08	316.53	315.60	313.74	311.60	310.91	311.04	311.53

1965

5	.....	312.55	313.56	314.22	314.99	315.90	315.19	313.77	311.21	309.93	309.00	309.10
10	.....	312.79	313.65	314.24	315.47	315.91	315.00	313.47	310.88	309.57	308.98	308.99
15	312.26	312.99	313.73	314.54	315.75	315.77	314.91	313.10	310.48	309.24	308.98	309.13
20	312.23	313.12	313.94	314.68	315.92	315.78	314.67	312.64	310.24	309.36	308.95	309.32
25	312.33	313.31	313.96	314.77	316.00	315.41	314.50	312.25	309.89	309.22	308.81	309.33
Eom	312.40	313.31	314.14	314.83	315.93	315.31	314.17	311.93	309.95	309.11	308.99	309.42

423953N1142923,1. Local number 9S-17E-8a-1. W. C. Davis. Drilled domestic and stock water-table well in Snake River Group, diam 6 in, depth 159 ft, cased to 8. Lsd 3,800.9 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1-in hole in south side of well seal, 1.50 ft below lsd. Highest water level 136.85 below lsd, Sept. 16, 1957; lowest 147.11 below lsd, May 19, 1958. Records available: 1951-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 16, 1961	143.95	Sept. 10, 1962	140.28	Jan. 13, 1964	144.85	Jan. 11, 1965	144.62
Sept. 19	143.40	Nov. 12	142.65	Mar. 23	145.58	Mar. 24	145.72
Nov. 11	144.70	Jan. 7, 1963	144.76	May 19	144.63	May 17	143.68
Jan. 15, 1962	145.88	Mar. 25	146.01	July 13	a141.92	July 12	a142.00
Mar. 14	146.44	May 15	142.00	Sept. 14	140.68	Sept. 15	140.17
May 21	144.30	Sept. 11	140.47	Nov. 16	143.16	Nov. 15	141.53
July 16	142.74	Nov. 12	142.71				

a Well being pumped.

423538N1141925,1. Local number 9S-18E-35c-1. Murdo MacLeod. Drilled unused water-table well in Snake River Group, diam 4 in, depth 176 ft, cased to 44. Lsd 3,818.3 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP bottom edge of notch in east side of casing, 12.30 ft below lsd (since July 14, 1965). Highest water level 127.34 below lsd, Oct. 22, 1952; lowest 145.28 below lsd, Mar. 14, 1962. Records available: 1949-65.

Jan. 23, 1961	138.30	May 23, 1962	144.95	July 17, 1963	140.98	Nov. 18, 1964	137.17
Mar. 22	140.91	July 16	141.80	Sept. 11	137.06	Jan. 13, 1965	140.16
May 17	142.04	Sept. 10	137.97	Nov. 14	136.04	Mar. 24	143.20
Sept. 19	137.73	Nov. 14	136.32	Jan. 15, 1964	140.11	July 14	139.88
Nov. 12	138.95	Jan. 8, 1963	138.84	Mar. 24	143.12	Sept. 15	135.39
Jan. 16, 1962	142.35	Mar. 27	143.10	July 14	141.63	Nov. 15	134.50
Mar. 14	145.28	May 22	144.27	Sept. 16	137.63		

424034N1141035,1. Local number 9S-19E-1a-1. William McClymonds. Drilled domestic and stock water-table well in Snake River Group, diam 6 in, reported depth 225 ft, cased to 92. Lsd 4,027.9 ft (previously reported about 4,029 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1-in hole in south side of well seal, 0.66 ft above lsd. Highest water level 181.20 below lsd, Sept. 29, 1953; lowest 204.02 below lsd, May 20, 1964. Records available: 1948-65.

Jan. 23, 1961	196.54	May 23, 1962	202.28	Sept. 11, 1963	197.82	Nov. 18, 1964	199.19
Mar. 20	198.33	July 16	200.45	Nov. 12	198.42	Jan. 13, 1965	201.00
May 17	199.11	Sept. 11	197.45	Jan. 15, 1964	200.92	Mar. 24	202.92
July 10	197.67	Nov. 12	197.86	Mar. 25	203.12	May 19	203.04
Sept. 19	196.96	Jan. 9, 1963	199.92	May 20	204.02	July 14	200.50
Nov. 11	199.07	Mar. 27	202.71	July 15	201.13	Sept. 15	197.58
Jan. 15, 1962	201.28	May 22	203.12	Sept. 16	198.45	Nov. 17	197.31
Mar. 14	202.79	July 17	199.89				

423700N1141120.1. Local number 9S-19E-25bb1. U. S. Bureau of Reclamation. Drilled test water-table well in Snake River Group, diam 21 to 16 in, depth 210 ft, 21-in casing 0-32, 16-in 0-136, perforated 116-136. Lsd 3,932.4 ft above msl datum of 1929 (preliminary). MP top north side of casing, 2.00 ft above lsd. Highest water level 101.06 below lsd, Oct. 1, 1957; lowest 123.70 below lsd, Apr. 20, 1964. Records available: 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	115.33	Aug. 20, 1962	115.50	Aug. 14, 1963	116.16	Nov. 18, 1964	117.00
Mar. 21	117.64	Sept. 25	113.59	Sept. 11	115.14	Jan. 25, 1965	120.52
May 17	118.20	Oct. 16	113.32	Nov. 14	115.94	Feb. 23	121.89
July 10	116.62	Nov. 14	114.90	Dec. 16	118.09	Mar. 24	122.98
Sept. 19	114.42	26	115.87	Jan. 15, 1964	119.89	Apr. 21	123.31
Nov. 12	117.15	Dec. 16	117.31	Mar. 27	123.09	May 19	122.75
Jan. 17, 1962	120.51	20	117.69	Apr. 20	123.70	June 14	121.63
Mar. 14	122.50	Jan. 28, 1963	119.86	May 20	123.56	July 14	119.57
Apr. 9	123.37	Feb. 25	121.34	June 15	122.15	Aug. 9	117.65
17	123.53	Mar. 27	122.61	July 24	118.92	Sept. 15	115.22
May 23	122.73	Apr. 22	123.13	Aug. 20	116.85	Oct. 18	114.77
June 18	121.23	May 23	122.23	Sept. 16	115.73	Nov. 17	115.32
July 23	118.15	July 18	117.90	Oct. 18	115.85	Dec. 13	116.20

424010N1140305.1. Local number 9S-20E-1dal. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in, depth 400 ft, 8-in casing 0-12, perforated 6-in casing liner 340-400. Lsd 4,211.3 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top east side of casing, 1.70 ft above lsd. Highest water level 342.0 below lsd, Sept. 30-Oct. 1, 1953; lowest 368.00 below lsd, May 23, 1964. Records available: 1957-65.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	358.61	359.68	360.33	361.29	362.02	362.11	.....	360.98	360.80	361.21	.....
10	358.80	359.74	360.61	361.55	362.04	361.97	.....	360.86	360.87	361.35	362.21
15	358.93	359.81	360.66	.....	362.07	362.02	.....	360.83	360.94	361.54	362.44
20	359.12	360.08	360.91	.....	362.12	361.94	.....	360.80	360.90	361.56	362.52
25	359.26	360.17	360.95	.....	362.13	.....	361.21	360.80	361.06	361.74	362.68
Eom	359.46	360.39	361.20	362.02	362.14	.....	361.03	360.74	361.15	361.88	362.86
1962											
5	364.08	.....	.....	366.47	367.00	366.50	365.19	363.58	362.30	361.29	361.72
10	364.24	.....	.....	366.53	366.99	366.33	365.05	363.36	362.12	361.27	361.82
15	364.29	.....	.....	366.64	367.00	366.12	364.78	363.09	362.07	361.30	361.90
20	364.27	.....	.....	367.76	366.98	365.96	364.55	362.81	361.73	361.36	362.04
25	364.52	.....	.....	366.82	366.83	365.66	364.32	362.69	361.65	361.45	362.23
Eom	364.83	.....	366.25	366.97	366.70	365.49	364.03	362.48	361.53	361.62	362.35
1963											
5	363.90	.....	365.78	366.66	367.22	366.05	364.34	363.52	362.73	.....	362.28
10	363.85	.....	365.93	366.90	367.04	365.75	364.23	363.46	362.66	.....	362.54
15	364.12	.....	366.02	367.02	367.02	365.57	364.04	.....	362.46	.....	362.53
20	.....	.....	.....	.....	366.83	365.05	363.93	363.09	.....	362.21	362.58
25	.....	365.59	366.41	367.09	366.62	.....	363.81	362.84	.....	362.28	362.95
Eom	.....	365.64	366.42	367.15	366.34	364.63	363.66	362.81	.....	362.28	363.13
1964											
5	364.36	.....	.....	367.15	367.72	367.69	366.12	364.75	.....	363.46	363.52
10	.....	.....	.....	367.34	367.77	.....	365.96	364.53	.....	363.41	363.38
15	.....	.....	.....	367.40	367.86	367.15	365.77	.....	.....	363.29	363.62
20	.....	.....	.....	367.52	367.94	366.75	365.51	364.03	.....	363.43	363.80
25	.....	.....	366.94	367.54	367.98	366.57	365.29	363.82	363.39	363.37	363.84
Eom	.....	.....	366.98	367.63	367.89	366.33	364.87	363.62	363.37	363.40	363.88
1965											
5	364.86	365.67	366.56	367.16	367.42	366.86	366.11	364.74	363.09	362.52	.....
10	364.98	365.89	366.64	367.20	367.38	366.74	365.89	364.60	362.92	362.42	362.17
15	365.28	366.04	366.70	367.27	367.34	366.65	365.73	364.28	362.68	362.27	362.19
20	365.35	366.18	366.89	367.44	.....	.....	365.48	363.96	.....	362.35	362.12
25	365.48	.....	366.93	367.54	367.04	366.32	365.32	363.62	.....	362.36	362.00
Eom	365.63	366.39	367.03	367.50	366.91	366.17	365.03	363.38	362.54	.....	362.17

424525N1141514.1. Local number 8S-19E-5dal. U. S. Bureau of Reclamation. Drilled test water-table well in Snake River Group, diam 21 to 16 in, depth 329 ft, 21-in casing 0-5, 16-in casing 145-225. Lsd 4,075.5 ft (previously reported 4,075.9 ft) above msl datum of 1929 (preliminary). MP top east side of casing, 1.00 ft above lsd. Highest water level 257.71 below lsd, Oct. 7, 1957; lowest 275.99 below lsd, May 24, 1962, May 11, 1964. Records available: 1957-65.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	267.52	268.72	269.29	270.37	270.90	270.15	269.07	.....	268.34	269.37	270.81
10	267.78	268.74	269.64	270.57	270.66	.....	269.02	268.38	268.40	269.53	270.75
15	.....	268.82	.....	270.77	270.59	269.93	268.84	268.27	268.51	269.89	271.02
20	.....	269.17	.....	.....	270.52	.....	.....	268.39	268.59	269.85	271.03
25	268.22	269.22	269.91	271.00	270.41	269.45	.....	268.29	269.03	270.19	271.26
Eom	268.41	269.42	270.23	271.04	270.28	269.33	.....	268.22	269.22	270.36	271.45
1962											
5	.....	273.75	.....	275.39	275.62	.....	272.80	270.83	269.42	268.64	269.30
10	.....	273.76	.....	275.45	275.34	.....	272.57	270.64	269.13	268.63	269.50
15	.....	273.88	274.78	275.53	275.14	.....	272.19	270.39	269.15	.....	269.59
20	272.92	.....	274.79	275.61	275.11	274.14	271.93	270.14	268.84	269.06	269.75
25	273.35	.....	275.06	275.69	275.94	273.63	271.59	269.91	268.88	269.14	269.99
Eom	273.66	.....	275.24	275.76	275.96	273.23	271.22	269.62	268.93	269.33	270.11

424525N1141514.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	271.69	272.84	273.82	274.78	275.31	273.86	272.54	270.51	269.55	269.16	269.64	270.85
10	271.57	272.81	273.84	274.93	.....	273.63	.....	270.34	269.48	269.30	269.88	270.84
15	272.02	273.22	273.87	275.01	.....	273.59	271.76	270.22	269.20	269.36	269.81	.....
20	272.30	273.36	274.30	275.20	.....	273.27	271.45	270.05	269.24	269.43	269.88	271.59
25	272.27	273.62	274.54	275.26	274.59	273.22	271.10	269.83	269.31	269.50	270.51	271.70
Eom	272.40	273.66	274.55	275.34	274.23	272.93	270.72	269.68	269.24	269.78	270.64	271.72
1964												
5	271.82	273.12	.....	.....	275.74	274.89	273.36	.....	.....	270.10	270.42	271.27
10	272.20	273.26	.....	.....	275.93	274.57	273.01	.....	.....	269.98	270.26	271.23
15	272.43	273.33	.....	.....	275.81	274.36	272.54	.....	.....	269.89	270.62	271.37
20	272.24	.....	.....	275.58	275.60	274.19	272.20	.....	269.96	270.20	270.78	.....
25	272.66	.....	.....	275.70	275.43	274.02	.....	.....	269.86	270.10	270.77	.....
Eom	273.00	.....	.....	275.80	275.16	273.76	.....	.....	269.91	270.28	271.00	.....
1965												
5	.....	273.07	274.08	274.82	274.97	273.64	272.43	270.53	269.35	268.78	268.71	269.16
10	.....	273.29	274.17	274.84	274.98	273.38	272.08	270.35	269.28	268.72	268.72	269.03
15	272.70	273.50	274.29	275.20	274.74	273.03	271.90	270.17	269.12	268.47	268.78	269.17
20	272.67	273.64	274.52	275.27	274.42	273.02	271.47	269.91	269.05	268.73	268.84	269.48
25	272.77	273.85	274.53	275.33	274.14	272.62	271.17	269.73	268.84	268.77	268.73	269.40
Eom	272.95	273.79	274.73	275.23	273.80	272.56	270.84	269.71	268.94	268.76	269.00	269.51

## Kootenai County

475553N1164650.1. Local number 53N-4W-24bb1, Washington Water Power Co. well 91. C. T. Jurgens. Dug stock and domestic water-table well in fluvio-glacial gravel of Pleistocene age, diam 39 in, depth 480 ft, cribbed with wood to 480. Well was deepened in April 1965 to depth of 485 ft. Lsd 2,486.5 ft (previously reported 2,488.5 ft) above msl datum of 1929 (unadjusted). MP top of 1-in pipe flange on south side of pump, 3.77 ft above lsd (since Aug. 3, 1965). Highest water level 448.9 below lsd, Oct. 1, 1956; lowest 478.14 below lsd, Jan. 15, 1932. Records available: 1929-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1961	452.40	Apr. 2, 1962	456.13	Feb. 25, 1963	457.93	Mar. 12, 1964	461.55
9	452.89	17	456.37	19	457.93	17	461.66
25	453.36	24	456.38	22	457.95	19	461.73
Mar. 12	453.99	May 8	456.18	25	457.97	24	461.85
Apr. 9	451.73	June 4	455.53	27	457.98	25	461.83
17	451.43	18	455.18	Apr. 8	457.07	Apr. 1	462.02
24	451.18	July 2	455.08	22	458.06	8	462.13
May 1	450.98	16	455.03	30	457.99	14	462.25
11	450.73	25	454.81	May 6	457.01	18	462.27
22	450.33	30	455.00	13	457.83	20	462.28
June 7	449.80	Aug. 13	455.03	20	457.76	29	462.24
13	449.59	21	455.10	29	457.67	May 21	460.43
19	449.49	27	455.17	June 11	457.56	July 28	459.10
28	449.63	Sept. 11	455.33	July 1	457.44	Aug. 31	458.97
July 5	449.18	24	455.51	8	457.41	Sept. 30	459.01
17	449.08	Oct. 1	455.59	23	457.41	Nov. 9	459.07
Aug. 2	449.13	16	455.78	24	457.43	Dec. 9	459.88
7	449.15	29	455.90	Aug. 26	457.58	Jan. 20, 1965	458.61
21	449.27	Nov. 5	456.08	Sept. 16	457.70	Feb. 23	460.10
28	449.37	27	456.50	24	457.83	Mar. 24	459.67
Sept. 11	449.57	29	456.20	30	457.88	Apr. 26	458.23
21	449.80	Dec. 10	456.83	Oct. 14	458.04	May 26	456.02
Oct. 4	450.00	18	456.98	29	458.25	July 15	453.80
9	450.18	24	457.18	Nov. 20	458.72	Aug. 3	453.51
17	450.29	Jan. 8, 1963	457.47	Jan. 27, 1964	460.37	5	453.48
Nov. 13	451.28	15	457.59	Feb. 11	460.60	23	453.37
Jan. 29, 1962	454.37	21	457.71	20	461.02	Sept. 29	453.48
Feb. 21	455.09	24	457.76	Mar. 6	461.30	Oct. 26	453.87
Mar. 6	455.59	Feb. 4	457.85	9	461.43	Nov. 20	453.03
19	455.93	11	457.86	11	461.54	Dec. 28	455.56
26	455.92	19	457.93				

475736N1163440.1. Local number 53N-2W-9a21. Idaho Department of Fish and Game. Drilled unused water-table well in fluvio-glacial gravel and sand of Pleistocene age, diam 16 in, depth 351 ft, cased to 351, perforated 280-345. Lsd 2,291.5 ft above msl datum of 1929, Pacific Northwest Adjustment of 1947. MP top southwest side of casing, 0.14 ft above lsd. Highest water level 228 below lsd, June 28, 1948; lowest 252 below lsd, Oct. 3, 1944. Records available: 1943-65. Recorder removed Mar. 27, 1962.

## Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	236.32	236.73	236.30	236.33	236.14	231.98	231.11	230.70	230.75	230.81	232.62	237.85
10	236.42	236.81	236.41	236.32	236.01	231.25	230.91	230.64	230.65	231.09	232.84	238.20
15	236.49	236.68	236.53	236.28	235.79	231.51	230.73	230.60	230.62	231.18	233.61	238.47
20	236.56	236.71	236.45	236.27	235.40	231.44	230.67	230.60	230.66	231.51	234.60	238.64
25	236.63	236.42	236.40	236.26	234.65	231.36	230.67	230.65	230.69	231.90	235.72	238.76
Eom	236.66	236.37	236.40	236.26	233.26	231.26	230.73	230.74	230.76	232.37	237.01	239.03

475736N1163440\_1--Continued.

Day	1962											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	239.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	239.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	239.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	239.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	239.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	239.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 27, 1962	239.95	May 29, 1963	235.09	Sept. 30, 1964	231.98	June 22, 1965	233.14
May 27	236.29	July 24	232.07	Nov. 9	233.79	Aug. 3	231.44
July 25	232.09	Sept. 26	231.83	Dec. 9	236.19	23	231.28
Sept. 20	231.30	Nov. 20	234.76	Feb. 23, 1965	237.89	Sept. 29	231.11
Nov. 29	234.26	Mar. 25, 1964	238.53	Mar. 24	237.22	Oct. 26	232.67
Jan. 24, 1963	235.60	May 21	238.60	Apr. 26	237.34	Nov. 20	234.52
Mar. 27	236.41	July 28	232.29	May 26	235.21		

474537N1165248-1. Local number 51N-4W-18del. Clarence Feely. Drilled unused water-table well in fluvio-glacial sand and gravel of Pleistocene age, diam 6 in, depth 275 ft, cased to 275. Lsd 2,260.7 ft above msl datum of 1929, Pacific Northwest Adjustment of 1947. MP top of casing, 3.36 ft above lsd. Highest water level 244.52 below lsd, Oct. 25, 1957; lowest dry at 275.0 below lsd, Nov. 28, 1941. Records available: 1941, 1948-65.

Jan. 25, 1961	252.65	Sept. 20, 1962	253.31	Mar. 25, 1964	260.67	Mar. 26, 1965	256.99
Mar. 26	251.37	Nov. 29	255.20	May 21	260.99	Apr. 26	255.67
May 23	249.65	Jan. 24, 1963	256.40	July 28	258.32	May 28	254.31
July 25	251.27	Mar. 27	256.84	Aug. 13	257.36	June 22	252.39
Sept. 27	248.37	May 29	258.65	Sept. 30	257.31	July 15	252.86
Nov. 30	250.68	July 24	255.86	Nov. 9	257.33	Aug. 23	251.19
Jan. 29, 1962	252.81	Sept. 26	255.94	Dec. 9	261.72	Sept. 29	251.33
Mar. 27	254.15	Nov. 20	257.35	Jan. 20, 1965	265.92	Oct. 28	252.31
May 27	254.13	Jan. 23, 1964	257.62	Feb. 23	258.01	Nov. 20	252.96
July 25	260.30						

474335N1165825-1. Local number 51N-5W-33bbl. McQuire Domestic Water System. Formerly Washington Water Power Co. well 58. International Ry. Co. Spokane. Dug domestic (previously reported railroad) water-table well in fluvio-glacial gravel of Pleistocene age, diam 5 ft, depth 174 ft, cased with concrete to 174, open bottom. Lsd 2,137.6 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1½-in pipe on east side of pump, 2.13 ft above lsd. Highest water level 134.14 below lsd, June 29, 1950; lowest 165.09 below lsd, Feb. 11, 1932. Records available: 1928-65.

Jan. 21, 1961	144.30	Apr. 29, 1961	140.97	Nov. 29, 1962	b147.32	Nov. 9, 1964	b150.19
28	144.58	May 6	140.68	Jan. 24, 1963	148.07	Dec. 9	b150.13
Feb. 4	144.51	13	140.49	Mar. 27	b148.04	Jan. 19, 1965	148.79
11	145.35	20	139.92	May 29	b148.28	Feb. 23	148.41
18	144.46	27	139.68	July 24	b146.89	Mar. 26	147.16
25	143.67	June 3	a139.09	Aug. 22	b147.19	Apr. 20	a146.51
Mar. 4	142.98	10	138.90	Nov. 20	149.78	May 28	142.54
12	142.17	24	139.44	Jan. 23, 1964	151.29	June 22	a142.37
18	142.00	Nov. 30	143.99	Mar. 25	b152.59	July 15	142.87
25	141.50	Jan. 29, 1962	145.08	May 20	b150.46	Aug. 23	143.34
31	141.65	Mar. 27	146.35	July 28	b147.78	Sept. 29	144.35
Apr. 9	141.21	May 27	144.09	Aug. 13	147.77	Oct. 26	145.47
16	141.46	July 25	145.58	Sept. 30	148.81	Nov. 20	a146.27
23	141.26	Sept. 20	145.45				

a Well being pumped.

b Well pumped recently.

## Latah County

464350N1170006-1. Local number 39N-5W-7ddl. Garrett Freightlines, Inc. Formerly Inland Motor Freight Co. Drilled unused artesian well in Moscow Basin, diam 8 in, depth 231 ft, casing information not available. Lsd 2,560.9 ft above msl datum of 1929. MP top of casing, at lsd. Highest water level 50.10 below lsd, Apr. 19, 1938; lowest 89.21 below lsd, Dec. 17, 1958. Records available: 1937-40, 1947-65.

Jan. 26, 1961	76.97	June 9, 1962	79.56	July 10, 1964	85.38	Jan. 25, 1965	82.94
31	76.81	26	84.37	20	83.77	Feb. 1	83.02
Feb. 26	76.02	Sept. 20	83.93	25	85.11	15	82.80
Apr. 3	75.15	Nov. 13	82.42	27	87.04	23	82.67
May 4	74.16	30	81.74	Aug. 3	84.28	Mar. 8	82.66
June 11	78.55	Dec. 5	82.54	8	85.09	15	82.36
July 26	79.85	Jan. 4, 1963	81.06	Sept. 5	85.38	22	82.22
Aug. 19	83.80	Feb. 10	79.93	14	84.52	29	82.13
Sept. 23	83.51	Mar. 9	79.46	22	84.58	Apr. 5	82.11
26	83.51	27	79.42	28	84.42	12	81.80
Oct. 30	83.41	Apr. 4	79.13	Oct. 5	84.54	19	81.19
Dec. 1	81.46	May 17	80.93	12	82.43	26	81.70
5	81.71	29	81.42	19	82.72	May 3	81.68
Jan. 4, 1962	80.41	July 25	84.98	Nov. 2	82.38	10	84.38
29	79.88	Mar. 24, 1964	83.75	9	83.52	17	83.23
Feb. 27	80.11	Apr. 13	82.05	23	84.07	24	81.42
Mar. 26	77.99	May 20	81.53	30	83.50	June 1	82.41
Apr. 4	78.67	21	81.73	Dec. 7	83.75	14	82.80
May 3	78.71	June 29	84.04	Jan. 4, 1965	83.26	21	81.92
26	77.31	July 6	83.41	18	83.40	July 2	83.23

464350N1170005, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 9, 1965	80.76	Aug. 20, 1965	84.13	Oct. 8, 1965	76.02	Nov. 19, 1965	76.49
16	79.87	27	77.84	15	75.77	27	75.02
23	79.68	Sept. 3	77.34	22	75.84	Dec. 4	74.63
30	80.69	15	76.79	29	75.52	11	74.41
Aug. 6	78.92	24	76.47	Nov. 5	75.41	17	74.39
13	78.76	Oct. 1	80.66	12	76.95	24	73.95

Lincoln County

425740N142400, 1. Local number 5S-17E-26a1. U. S. Bureau of Reclamation. Drilled test water-table well in Snake River Group, diam 16 in, depth 254 ft, cased to 202. Lsd 3,972.6 ft above msl datum of 1929 (preliminary). MP top north side of casing, 1.30 ft above lsd. Highest water level 177.99 below lsd, Sept. 28, 1958; lowest 209.07 below lsd, May 5, 1962. Records available: 1957-65.

## Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	198.20	199.12	200.68	201.70	.....	200.31	.....	199.37	200.30	202.59	203.97
10	.....	198.26	199.62	200.80	201.60	200.91	.....	199.66	199.32	200.47	202.50	203.97
15	.....	198.44	199.61	201.14	201.70	201.02	.....	199.50	199.32	.....	202.88	204.34
20	.....	198.99	200.05	201.23	201.62	200.79	.....	199.67	199.44	201.10	202.94	.....
25	.....	199.06	200.01	201.50	.....	200.74	.....	199.52	200.02	201.68	203.28	.....
Eom	197.86	199.40	200.51	201.62	.....	200.74	.....	199.32	200.22	201.98	203.44	.....

## 1962

5	.....	206.88	.....	.....	209.07	206.90	202.65	198.88	196.02	193.72	194.83	196.92
10	.....	206.92	.....	.....	208.92	206.31	202.00	.....	195.35	193.54	195.29	197.31
15	.....	.....	.....	.....	208.49	205.63	201.24	.....	194.93	193.41	195.59	197.38
20	.....	206.38	.....	.....	208.57	205.26	200.59	.....	194.11	193.72	195.83	.....
25	206.39	206.41	.....	.....	208.76	207.92	204.35	199.84	.....	194.20	194.28	196.25
Eom	206.72	.....	.....	.....	208.98	207.55	203.59	199.33	196.55	194.23	194.73	196.45

## 1963

5	.....	.....	.....	202.96	204.52	.....	198.46	195.02	.....	.....	192.91	.....
10	.....	.....	.....	203.21	204.49	.....	197.71	194.40	.....	.....	.....	195.10
15	199.67	.....	.....	203.27	204.36	.....	197.04	193.58	.....	.....	.....	195.76
20	200.13	.....	.....	203.65	204.25	.....	196.54	193.28	191.50	.....	193.80	196.13
25	200.07	201.12	.....	203.91	204.04	.....	196.03	192.82	191.47	192.31	194.70	.....
Eom	.....	.....	202.64	204.25	203.49	199.22	195.40	192.67	.....	192.93	194.88	.....

## 1964

5	.....	.....	.....	202.33	203.52	201.37	198.34	195.12	192.98	192.67	193.24	.....
10	.....	.....	.....	202.80	203.82	200.79	197.94	194.64	193.17	192.46	.....	.....
15	.....	.....	.....	202.94	203.72	200.27	197.10	194.06	193.01	192.30	.....	.....
20	.....	.....	.....	.....	203.29	199.78	196.52	193.84	192.60	192.75	.....	196.13
25	.....	.....	.....	.....	202.70	199.16	196.06	193.54	192.24	192.63	.....	196.13
Eom	.....	.....	202.25	203.50	201.99	198.77	195.38	193.00	192.43	192.99	.....	195.33

## 1965

5	195.23	196.02	196.34	196.52	196.20	192.48	187.45	183.30	182.13	182.60	183.67	186.01
10	.....	196.24	196.17	196.50	195.80	.....	186.41	183.14	182.28	182.76	183.95	186.03
15	.....	196.30	196.24	196.93	.....	.....	185.75	183.02	182.21	182.37	184.40	186.35
20	195.89	196.18	196.44	196.80	.....	189.91	185.00	182.77	182.30	182.82	184.79	.....
25	196.13	196.21	196.27	196.82	194.10	188.82	184.50	182.39	182.18	183.08	184.87	.....
Eom	196.26	196.16	196.55	196.63	193.09	188.24	183.82	182.51	182.68	183.44	185.50	.....

425906N113444, 1. Local number 5S-23E-17ca1. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in, depth 334 ft, cased to 334, perforated 302-332. Lsd 4,374.9 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 1.00 ft above lsd. Highest water level 303.04 below lsd, July 2, 1957; lowest 312.88 below lsd, Oct. 18-19, 1964. Records available: 1957-65. Recorder installed Aug. 21, 1957. July 2, 1957, 303.04; July 9, 303.05; July 12, 303.14; July 16, 303.05; July 29, 303.26; Aug. 21, 303.79.

## Water level at noon, from recorder graph, 1957

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	303.98	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	303.99	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	303.99	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	304.06	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	303.79	304.10	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	303.89	304.15	.....	.....

## 1958

5	.....	303.37	303.19	303.26	303.37	303.61	304.17	304.70	305.03	305.01	304.82	304.53
10	.....	303.37	303.26	303.38	303.36	303.66	304.26	304.79	305.01	305.06	304.73	304.57
15	.....	303.35	303.23	303.37	303.47	303.77	304.30	304.84	305.07	305.07	304.55	304.53
20	.....	303.35	303.18	303.36	303.47	303.88	304.38	304.93	305.13	304.97	304.75	304.44
25	303.40	303.20	303.24	303.38	303.47	303.97	304.46	304.95	305.03	304.90	304.67	304.36
Eom	303.45	303.32	303.19	303.39	303.51	304.04	304.62	305.00	305.10	304.94	304.67	304.40

## 1959

5	304.15	304.14	304.06	304.05	304.17	304.44	304.99	305.67	306.02	306.20	306.15	305.99
10	304.27	303.99	304.15	304.15	304.15	304.50	305.19	305.76	306.12	306.21	306.05	305.84
15	304.30	304.08	304.18	304.05	304.23	304.60	305.24	305.83	306.16	306.16	305.84	305.85
20	304.14	304.07	304.16	304.13	304.29	304.70	305.30	305.85	306.17	306.13	305.95	305.78
25	304.20	304.13	304.11	304.04	304.29	304.66	305.45	305.96	306.15	306.11	305.88	305.62
Eom	304.27	304.18	304.15	304.07	304.44	304.92	305.59	306.05	306.20	306.14	305.99	305.60



425906N1134448.1--Continued.

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	305.78	.....	.....	.....	.....	305.04	306.68	307.42	.....	.....	.....	.....
10	305.57	.....	.....	.....	.....	306.13	306.81	.....	.....	.....	.....	.....
15	305.64	.....	.....	.....	.....	306.23	306.94	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	306.37	307.04	.....	.....	.....	308.09	.....
25	.....	.....	.....	.....	.....	306.41	307.19	.....	.....	.....	.....	.....
Eom	.....	.....	.....	.....	305.94	306.54	307.37	.....	.....	.....	.....	.....
1961												
5	.....	307.84	307.53	307.70	307.76	308.27	308.99	309.75	310.31	310.62	310.59	310.30
10	.....	307.74	307.68	307.69	307.83	308.35	309.14	309.86	310.38	310.57	310.45	310.23
15	.....	307.64	307.59	307.74	307.90	308.54	309.20	309.93	310.45	310.66	310.43	310.20
20	.....	307.74	307.69	307.69	307.97	308.63	309.32	310.09	310.41	310.53	310.29	310.22
25	307.77	307.70	307.59	307.73	308.04	308.76	309.44	310.13	310.58	310.54	310.30	310.22
Eom	307.76	307.76	307.69	307.81	308.15	308.91	309.60	310.18	310.59	310.45	310.28	310.32
1962												
5	310.30	310.13	.....	310.10	310.08	310.40	310.78	311.43	311.89	311.95	311.84	311.45
10	310.32	310.15	.....	310.06	310.04	310.46	310.94	311.59	311.89	311.90	311.80	311.44
15	310.25	310.12	310.05	310.03	310.02	310.42	311.03	311.64	311.85	311.96	311.65	311.30
20	310.15	309.93	309.98	310.02	310.15	310.61	311.13	311.71	311.91	312.02	311.56	311.35
25	310.33	.....	310.03	310.03	310.19	310.64	311.23	311.78	312.00	311.99	311.55	.....
Eom	310.31	.....	310.05	310.06	310.15	310.72	311.38	311.83	312.06	311.96	311.43	311.21
1963												
5	311.21	310.98	310.77	310.59	310.63	310.59	311.10	311.77	.....	312.50	312.23	311.93
10	311.00	310.82	310.70	310.56	310.57	310.67	311.17	311.91	.....	312.48	312.20	311.79
15	311.07	310.90	310.56	310.48	310.58	310.83	311.26	312.05	312.38	312.46	312.07	.....
20	311.08	310.87	310.70	310.52	310.62	310.83	311.40	312.12	312.44	312.42	311.84	.....
25	.....	310.89	310.72	310.53	310.58	310.95	311.48	312.17	312.52	312.38	312.05	.....
Eom	310.86	310.83	310.57	310.55	310.58	311.02	311.64	.....	312.53	312.42	311.98	.....
1964												
5	.....	.....	.....	.....	310.74	310.92	311.27	311.95	312.50	312.85	312.64	312.18
10	.....	.....	.....	.....	310.82	310.95	311.37	312.06	312.62	312.83	312.43	.....
15	.....	.....	.....	310.92	310.84	311.02	311.40	312.16	312.72	312.75	312.45	.....
20	.....	.....	.....	310.88	310.86	311.11	311.49	312.27	312.68	312.84	312.43	.....
25	.....	.....	.....	310.79	310.85	311.21	311.63	312.38	312.67	312.73	312.28	.....
Eom	.....	.....	.....	310.82	310.90	311.26	311.75	312.41	312.73	312.67	312.16	.....
1965												
5	.....	311.07	310.90	310.52	310.37	310.40	310.83	311.27	311.28	311.13	310.55	309.95
10	.....	311.07	310.80	310.40	310.42	310.42	310.87	311.33	311.27	311.03	310.42	309.73
15	311.60	311.04	310.69	310.52	310.37	310.39	310.95	311.40	311.20	310.87	310.33	309.59
20	311.43	310.98	310.73	310.53	310.37	310.57	310.99	311.34	311.22	310.92	310.19	309.58
25	311.27	310.93	310.61	310.51	310.33	310.52	311.12	311.38	311.12	310.87	309.98	309.41
Eom	311.23	310.86	310.59	310.48	310.35	310.70	311.22	311.40	311.15	310.73	310.01	309.22

Madison County

435505N115637.1. Local number 7N-38E-23db1. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 16 in, depth 236 ft, cased to 176, open hole. Lsd 4,852.4 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 1.95 ft above lsd (since July 23, 1965). Highest water level 38.68 below lsd, Sept. 26-27, 1965; lowest 45.27 below lsd, Apr. 22, 1962. Records available: 1958-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	42.32	43.37	43.99	44.76	44.80	.....	41.56	40.82	40.54	40.71	41.34	42.08
10	42.54	43.40	44.18	44.78	44.65	.....	41.31	40.81	40.58	40.79	41.25	42.16
15	42.66	43.50	44.25	44.92	.....	.....	41.24	40.72	40.53	40.93	.....	.....
20	.....	43.79	44.43	44.87	.....	.....	41.03	40.74	40.40	40.85	41.47	.....
25	.....	43.84	44.46	44.86	.....	.....	40.97	40.61	40.62	41.05	41.72	.....
Eom	43.10	44.02	44.71	44.88	.....	41.81	40.88	40.49	40.67	41.03	41.86	.....
1962												
5	.....	.....	44.53	.....	44.99	43.28	41.41	40.29	39.51	39.23	39.54	40.43
10	.....	.....	44.57	.....	44.74	42.95	41.26	40.19	39.33	39.23	39.71	40.57
15	.....	.....	.....	.....	44.50	42.58	40.98	40.02	39.39	39.44	39.82	40.60
20	.....	44.18	.....	45.11	44.24	42.40	40.89	39.86	39.29	.....	39.85	40.87
25	.....	44.32	.....	45.13	43.90	42.05	40.67	39.75	39.39	39.54	40.12	40.96
Eom	.....	44.42	.....	45.13	43.61	41.72	40.45	39.61	39.46	39.62	40.19	41.07
1963												
5	.....	42.21	43.02	43.50	43.67	42.78	41.71	40.70	40.09	.....	39.97	40.89
10	.....	42.23	43.03	43.57	.....	42.61	41.51	40.52	40.04	.....	40.13	40.97
15	41.56	42.50	42.99	43.47	43.43	42.51	41.28	40.44	.....	.....	40.13	41.22
20	41.78	42.64	43.38	43.58	43.38	42.24	41.22	40.35	39.85	39.87	40.20	41.33
25	41.74	42.88	43.51	43.63	43.21	42.17	41.00	40.25	39.90	39.86	40.61	41.51
Eom	41.88	42.92	43.40	43.64	42.96	41.98	40.80	40.20	.....	40.08	40.70	41.82
1964												
5	41.95	.....	.....	.....	.....	.....	41.89	40.50	39.68	39.49	39.72	40.55
10	42.06	.....	.....	.....	.....	.....	41.65	40.31	39.73	39.41	39.63	40.48
15	42.33	.....	.....	.....	.....	43.21	41.31	40.13	39.65	39.31	39.93	40.48
20	42.26	.....	.....	.....	.....	42.84	41.14	40.01	39.46	.....	40.10	40.76
25	.....	.....	.....	.....	.....	42.53	40.93	39.88	39.26	39.48	40.06	40.91
Eom	.....	.....	.....	.....	.....	42.23	40.62	39.71	39.34	39.65	40.26	41.01

435505N1115697.1--Continued.

1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	41.20	41.99	42.88	43.38	43.47	42.45	40.84	39.65	38.83	38.78	39.29	40.04
10	41.39	42.20	42.94	43.39	43.50	42.16	40.60	39.49	38.80	38.90	39.33	39.97
15	41.63	42.41	42.99	43.62	43.35	41.75	40.42	39.37	38.73	38.82	39.44	40.15
20	41.59	42.46	43.15	43.66	43.15	41.54	40.18	39.22	38.77	39.14	39.58	40.42
25	41.74	42.68	43.16	43.69	42.92	41.20	40.03	39.06	38.70	39.19	39.57	40.37
Eom	41.90	42.67	.....	43.63	42.69	41.01	39.87	39.03	38.88	39.25	39.83	40.52

435210N1115127.1. Local number 6N-39E-10bbl. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in, depth 260 ft, cased to 168. Lsd 4,834.2 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of pipe coupling in casing cap, 1.80 ft above lsd. Highest water level 16.44 below lsd, Sept. 16, 1965; lowest 23.24 below lsd, Apr. 24, 1964. Records available: 1962-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 14, 1962	18.62	Oct. 19, 1963	17.58	July 18, 1964	19.01	Apr. 24, 1965	22.10
Jan. 13, 1963	19.65	Nov. 18	18.18	Aug. 15	17.82	May 24	21.22
Feb. 26	21.23	Dec. 19	19.38	Sept. 18	17.25	June 17	19.74
Mar. 28	21.63	Jan. 22, 1964	20.48	Oct. 22	17.26	July 17	18.10
Apr. 26	22.03	Feb. 27	21.89	Nov. 22	18.08	Aug. 12	17.13
May 27	21.38	Mar. 25	22.74	Dec. 18	18.75	Sept. 16	16.44
June 20	20.18	Apr. 24	23.24	Jan. 18, 1965	19.84	Oct. 21	16.95
July 20	19.03	May 24	22.85	Feb. 26	20.96	Nov. 21	17.52
Aug. 18	18.17	June 19	20.90	Apr. 1	21.68	Dec. 16	18.40
Sept. 18	17.57						

434914N1115410.1. Local number 6N-39E-30adl. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in, depth 295 ft, cased to 263, open hole. Lsd 4,816.9 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of pipe coupling in casing cap, 2.00 ft above lsd. Highest water level 1.25 below lsd, Sept. 16, 1965; lowest 7.29 below lsd, Apr. 24, 1964. Records available: 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1963	4.58	Sept. 18, 1963	2.17	Sept. 18, 1964	1.94	Apr. 24, 1965	6.02
Mar. 1	5.75	Oct. 19	2.35	Oct. 21	2.15	May 24	5.05
	6.24	Nov. 18	2.88	Nov. 23	2.90	June 17	3.36
Apr. 26	6.63	Dec. 20	2.87	Dec. 18	3.60	July 17	2.19
May 27	5.44	Apr. 24, 1964	7.29	Jan. 18, 1965	4.51	Aug. 12	1.59
June 21	3.97	May 24	6.71	Feb. 26	5.32	Sept. 16	1.25
July 20	3.10	July 18	3.09	Apr. 1	5.80	Oct. 21	1.78
Aug. 18	2.57	Aug. 15	2.31				

434545N1115507.1. Local number 6N-39E-18cal. U. S. Bureau of Reclamation. Drilled observation water-table well in sand and gravel of Pleistocene age, diam 6 in, depth 396 ft, cased to 336, 6 perforations at 300, open end. Lsd 4,823.5 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of pipe coupling in casing cap, 1.90 ft above lsd. Highest water level 1.72 above lsd, Dec. 20, 1963; lowest 8.64 below lsd, Jan. 13, 1963. Records available: 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1963	-8.64	Sept. 18, 1963	+1.27	July 17, 1964	+0.15	May 23, 1965	+0.49
Mar. 1	7.72	Oct. 19	1.54	Aug. 15	.30	June 17	.58
28	7.90	Nov. 18	1.63	Sept. 18	.60	July 17	.74
Apr. 26	7.79	Dec. 20	+1.72	Oct. 21	.82	Aug. 12	.94
May 26	7.31	Apr. 24, 1964	-.08	Nov. 22	1.70	Sept. 16	1.11
June 20	6.27	May 24	-.29	Apr. 1, 1965	.56	Oct. 21	1.28
July 20	-.07	June 19	-.14	24	.58	Nov. 20	1.41
Aug. 18	+8.81						

## Minidoka County

430633N1133911.1. Local number 4S-24E-6bbl. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in, depth 445 ft, cased to 444, perforated 420-444. Lsd 4,493.4 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 1.50 ft above lsd. Highest water level 410.98 below lsd, Apr. 8, 1968; lowest 420.48 below lsd, Oct. 19, 1964. Records available: 1957-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	415.72	415.84	415.49	.....	.....	416.14	416.65	417.27	417.80	418.03	418.26	418.09
10	415.80	415.69	415.65	.....	.....	416.17	416.74	417.37	417.86	418.01	418.02	418.00
15	415.72	415.60	415.52	.....	.....	416.37	416.81	417.43	417.92	418.19	418.11	.....
20	415.79	415.77	415.66	.....	.....	416.39	416.89	417.61	417.82	417.98	417.95	.....
25	415.70	415.65	415.48	.....	.....	416.50	417.00	417.61	418.02	418.12	418.03	.....
Eom	415.69	415.75	415.68	.....	.....	416.62	417.13	417.65	418.02	418.07	418.01	.....

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	418.15	417.57	417.77	417.85	418.15	418.45	418.98	419.34	419.40	419.39	419.33
10	.....	418.02	417.48	417.73	417.78	418.17	418.60	419.10	419.35	419.37	419.41	419.29
15	.....	417.30	417.77	417.69	417.78	418.10	418.68	419.17	419.45	419.52	419.33	419.16
20	417.84	417.02	417.65	417.65	417.93	418.37	418.80	419.20	419.35	419.58	419.27	419.27
25	418.13	417.26	417.83	417.75	417.98	418.36	418.84	419.27	419.49	419.56	419.33	419.20
Eom	418.23	417.45	417.85	417.85	418.16	418.43	418.95	419.30	419.58	419.55	419.23	419.12

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	419.20	.....	.....	.....	.....	418.65	418.98	419.53	.....	419.98	419.87	419.81
10	418.89	.....	.....	.....	.....	418.73	419.05	.....	.....	420.04	419.93	419.65
15	.....	.....	.....	.....	.....	418.92	419.12	.....	.....	420.03	419.83	419.69
20	.....	.....	.....	.....	.....	418.71	418.86	419.23	.....	419.96	420.00	419.77
25	.....	.....	.....	.....	.....	418.65	419.00	419.32	.....	420.06	419.98	419.94
Eom	.....	.....	418.53	.....	418.66	418.99	419.42	.....	.....	420.03	420.08	419.97

430633N1133911.1--Continued.

1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	419.61	419.45	.....	.....	418.81	419.02	419.21	419.75	420.12	420.43	420.28	420.05
10	419.53	419.25	.....	.....	418.91	419.01	419.31	419.82	.....	420.32	420.05	.....
15	419.60	419.30	.....	419.01	418.90	419.07	419.30	419.87	.....	420.28	420.22	.....
20	419.26	.....	.....	418.95	418.88	419.13	419.39	419.96	420.18	420.45	420.16	.....
25	419.41	.....	.....	418.88	418.96	419.18	419.47	420.02	420.13	420.26	419.96	.....
Eom	419.44	.....	.....	418.89	419.02	419.20	419.58	420.00	420.27	420.28	420.02	.....

1965												
5	.....	.....	.....	418.55	418.35	418.40	418.69	418.92	.....	418.66	418.33	417.87
10	.....	.....	.....	418.41	418.51	418.40	418.65	418.96	.....	418.64	418.22	417.57
15	.....	.....	.....	418.59	418.42	418.31	418.74	.....	.....	418.53	418.09	417.53
20	.....	.....	.....	418.57	418.37	418.51	418.75	.....	418.83	418.57	417.98	417.63
25	.....	.....	418.66	418.53	418.37	418.39	418.85	.....	418.70	418.56	417.80	417.35
Eom	.....	.....	418.64	418.51	418.32	418.59	418.94	.....	418.84	418.45	417.85	417.22

425036N1133630.1. Local number 7S-24E-2ad1. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 5 in, depth 252 ft, cased to 252. Lsd 4,285.9 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 0.90 ft above lsd. Highest water level 200.95 below lsd, Jan. 17, 1954; lowest 217.00 below lsd, Aug. 21-22, 29, 1964. Records available: 1953-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	210.00	.....	.....	210.07	210.73	.....	213.67	214.42	214.30	213.06	212.65	212.35
10	.....	.....	.....	210.05	211.03	.....	213.86	214.42	214.25	212.93	212.40	212.26
15	.....	.....	.....	210.19	211.46	.....	214.06	214.38	214.06	212.97	212.41	212.26
20	.....	.....	.....	210.17	211.73	.....	214.22	214.47	213.60	212.64	212.23	212.31
25	.....	.....	209.87	210.31	.....	213.40	214.30	214.39	213.47	212.63	212.28	212.27
Eom	.....	.....	210.07	210.55	.....	213.62	214.35	214.38	213.24	212.50	212.27	212.52

1962												
5	212.50	.....	212.13	212.33	212.72	213.43	214.65	215.87	215.56	214.72	213.70	213.41
10	212.57	.....	212.04	212.26	212.98	213.46	215.01	215.77	215.50	214.44	213.66	.....
15	212.36	.....	212.20	212.24	213.35	213.71	215.27	215.62	215.44	214.40	213.47	213.27
20	.....	.....	212.07	212.22	213.66	.....	215.55	215.60	215.19	214.22	213.42	213.42
25	.....	.....	212.22	212.28	213.59	214.26	215.67	215.60	215.18	214.07	213.45	.....
Eom	.....	.....	212.27	212.52	213.53	214.52	215.81	215.60	215.13	.....	213.32	.....

1963												
5	.....	.....	.....	213.03	.....	.....	.....	216.42	216.17	215.30	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	216.42	216.05	215.21	.....	.....
15	213.23	.....	.....	.....	213.23	.....	.....	216.35	215.49	215.05	214.00	.....
20	213.29	.....	.....	213.01	213.30	.....	.....	216.22	215.80	214.85	.....	213.74
25	213.03	.....	.....	213.03	213.41	214.69	216.24	216.27	215.56	214.65	.....	.....
Eom	212.91	.....	.....	.....	213.70	214.82	216.42	216.29	215.37	214.60	.....	.....

1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	213.68	213.50	.....	.....	214.55	215.01	216.80	216.75	216.15	214.93	214.34
10	.....	213.50	213.46	213.38	.....	214.51	215.52	216.85	216.77	215.93	214.54	213.98
15	.....	213.58	.....	213.30	.....	214.56	215.61	216.83	216.59	215.60	.....	213.95
20	.....	213.68	.....	213.30	213.67	214.45	216.17	216.94	.....	215.44	.....	214.04
25	213.65	.....	.....	.....	214.09	214.40	216.51	216.95	216.20	.....	214.28	213.86
Eom	213.69	213.38	.....	.....	214.54	214.64	216.54	216.72	216.08	215.08	214.24	213.67

1965												
5	213.54	.....	213.29	213.00	213.06	214.18	215.30	216.26	215.10	214.59	213.36	.....
10	213.54	.....	213.20	212.91	213.18	214.52	215.50	216.10	215.07	214.40	.....	.....
15	213.65	.....	213.13	213.06	213.18	214.77	215.79	215.95	214.93	214.11	.....	.....
20	213.42	.....	213.23	213.12	213.33	215.13	216.00	215.77	.....	.....	.....	.....
25	213.38	213.28	213.05	213.16	213.62	215.22	216.21	215.48	214.76	213.87	.....	.....
Eom	.....	213.16	213.06	213.12	213.75	215.29	216.36	215.29	214.82	213.61	.....	.....

424549N1134410.1. Local number 8S-23E-2hal. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 5 in, depth 290 ft, cased to 250, perforated 80. Lsd 4,263.6 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.31 ft above lsd. Highest water level 197.6 below lsd, Dec. 4, 1953; lowest 216.37 below lsd, Aug. 22, 1964. Records available: 1950-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	205.53	205.67	.....	205.48	207.46	.....	213.34	214.20	213.18	209.99	208.48	.....
10	205.60	205.42	.....	205.46	207.94	.....	213.67	214.07	212.87	209.54	208.05	207.63
15	205.53	205.28	.....	205.65	208.51	.....	213.87	213.82	212.26	209.50	208.07	207.62
20	205.57	205.54	.....	205.75	209.00	.....	214.12	214.02	211.35	208.90	207.72	207.66
25	205.43	205.42	.....	206.26	.....	.....	214.18	213.86	210.82	208.71	207.72	207.60
Eom	205.55	205.54	205.48	206.87	.....	213.09	213.99	213.48	210.25	208.32	.....	207.96

1962												
5	207.94	207.78	207.41	207.68	208.86	209.81	213.25	215.13	214.32	212.30	.....	.....
10	208.00	207.53	207.23	207.80	209.61	210.11	213.99	214.71	214.09	.....	209.49	.....
15	207.84	207.36	207.51	207.56	210.18	210.95	214.46	.....	214.14	211.20	209.20	.....
20	207.30	207.27	207.29	207.57	210.52	211.80	214.90	214.57	213.64	210.80	208.96	.....
25	.....	207.29	207.52	207.76	210.35	212.19	215.14	214.51	213.26	210.44	208.93	.....
Eom	.....	207.26	207.61	208.29	210.09	212.76	215.34	214.44	213.05	210.08	208.70	.....

424549N1134410, 1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	.....	.....	208.18	.....	.....	211.15	213.11	.....	.....	.....	209.95	209.27
10	208.14	.....	208.04	.....	.....	211.70	213.84	.....	.....	.....	.....	.....
15	.....	.....	207.78	208.12	208.56	211.81	214.47	.....	.....	.....	209.51	.....
20	208.54	.....	208.19	208.13	208.64	.....	.....	.....	.....	211.42	209.20	.....
25	208.19	208.32	208.28	208.14	209.01	211.82	.....	.....	.....	210.88	209.53	208.95
Eom	207.94	208.22	207.90	208.28	210.22	212.36	.....	.....	.....	210.65	209.36	209.09
1964												
5	208.96	208.72	208.48	208.22	208.14	211.53	212.52	216.00	216.03	214.40	210.87	209.56
10	208.83	208.58	208.66	208.46	208.69	211.29	213.50	216.03	216.01	213.74	210.10	209.10
15	.....	208.50	208.80	208.43	208.97	211.20	214.22	.....	.....	212.91	210.11	208.98
20	.....	.....	208.59	208.39	210.00	211.00	214.88	216.24	.....	.....	210.02	.....
25	208.62	.....	208.63	208.34	211.07	210.82	215.51	216.19	215.04	.....	209.65	.....
Eom	208.80	208.60	208.46	208.37	211.65	211.47	215.62	215.93	214.57	211.22	209.49	208.28
1965												
5	208.32	207.96	208.27	207.90	208.30	211.18	213.35	215.27	.....	212.06	.....	.....
10	208.39	208.06	208.17	207.72	208.65	211.97	214.00	214.74	.....	211.68	.....	.....
15	208.60	208.15	208.14	208.02	208.89	212.47	214.70	214.62	.....	210.94	.....	.....
20	208.31	208.11	208.23	208.17	.....	.....	.....	214.20	.....	.....	.....	.....
25	.....	208.23	207.97	208.35	210.16	213.40	215.50	.....	212.83	.....	.....	.....
Eom	208.10	207.99	207.95	208.33	210.43	213.36	215.62	.....	212.64	.....	.....	.....

424151N1134525.1. Local number 8S-23E-27bd1. U. S. Bureau of Reclamation well C. Drilled irrigation water-table well in Snake River Group, diam 20 in, depth 260 ft, cased to 21. Lsd 4,234.5 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP lower lip of 1-in pipe on north side of pump (previously reported top of 1-in line), 0.54 ft above lsd. Highest water level 178.75 below lsd, Dec. 1, 1953; lowest 188.97 below lsd, Sept. 19, 1961. Records available: 1948-65. Mar. 21, 1961, 183.16; Sept. 19, 189.97; Mar. 15, 1962, 184.85; Mar. 27, 1963, 185.37; Mar. 25, 1964, 185.87; Mar. 25, 1965, 185.10.

424042N1134142.1. Local number 8S-24E-31dl1. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in, reported depth 194 ft, cased to 188, perforated 158-188. Lsd 4,226.5 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.80 ft above lsd. Highest water level 140.5 below lsd, Oct. 18, 24, Nov. 5, 1953; lowest 156.88 below lsd, July 25, 1964. Records available: 1950-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	149.57	150.13	150.02	150.66	152.54	153.86	154.76	154.02	152.96	151.43	151.39	151.42
10	149.76	149.98	150.34	150.68	152.98	153.93	154.74	153.92	152.87	151.40	151.01	151.31
15	149.73	149.93	150.14	150.96	153.48	154.40	154.71	153.66	152.49	151.44	151.14	151.41
20	149.88	150.29	150.48	151.02	153.76	154.45	154.62	153.66	151.95	151.02	150.94	151.59
25	149.80	150.17	150.29	151.40	153.87	154.64	154.45	153.44	151.79	151.17	151.14	151.57
Eom	149.87	150.38	150.63	152.02	.....	154.84	154.19	153.12	151.61	151.04	151.17	.....

1962

5	152.02	152.23	151.86	152.57	153.82	153.60	155.52	155.45	154.12	152.58	151.53	152.05
10	152.22	152.09	151.64	.....	.....	.....	155.80	154.88	153.90	152.04	151.65	152.06
15	151.98	.....	152.13	152.58	.....	154.52	155.93	154.66	153.64	152.08	151.64	151.90
20	151.58	.....	151.59	.....	154.75	.....	156.03	154.54	153.01	151.90	151.67	152.27
25	152.06	151.17	.....	153.03	154.34	154.68	156.01	154.45	152.99	.....	151.84	152.28
Eom	152.28	151.60	152.41	153.35	153.98	155.19	155.82	154.36	153.14	151.73	151.81	152.27

1963

5	152.50	152.18	152.80	153.08	153.61	.....	155.36	156.13	154.33	153.27	151.86	152.30
10	152.11	151.08	152.68	153.15	153.46	154.89	155.97	155.90	154.08	153.11	152.11	152.23
15	152.48	152.32	152.58	153.17	153.50	154.71	156.26	155.42	153.82	152.94	151.94	152.41
20	152.66	152.56	153.04	153.23	153.60	.....	156.32	155.08	153.67	152.86	.....	.....
25	152.46	152.74	153.18	153.33	154.03	154.55	156.64	155.16	153.60	152.54	152.32	152.57
Eom	152.37	152.73	152.86	153.45	154.58	154.86	156.46	155.08	153.35	152.58	152.27	152.80

1964

5	152.78	153.10	153.22	152.78	153.52	.....	155.13	156.44	155.10	154.10	152.45	.....
10	.....	152.99	.....	153.27	.....	.....	155.98	156.22	154.82	153.83	.....	152.40
15	.....	.....	.....	153.20	.....	.....	156.32	156.18	154.66	153.48	.....	.....
20	.....	.....	.....	153.43	.....	153.92	156.65	156.25	.....	.....	.....	.....
25	152.94	.....	153.53	153.45	.....	153.64	156.88	155.77	153.84	152.64	.....	.....
Eom	153.10	153.25	152.94	153.50	.....	154.18	156.50	155.22	153.95	152.48	.....	151.49

1965

5	151.31	151.61	152.51	152.65	153.01	154.50	154.42	154.96	153.27	152.65	151.08	.....
10	151.43	151.81	152.49	152.56	153.14	154.76	154.82	154.44	153.26	152.48	150.88	150.96
15	151.62	151.95	152.48	152.87	153.43	155.10	155.53	154.12	152.93	152.00	151.61	151.05
20	151.45	152.13	152.69	152.97	153.71	155.25	155.68	153.96	.....	151.84	150.98	151.24
25	151.67	152.35	152.55	153.11	154.03	155.13	155.62	153.43	152.59	151.52	.....	151.10
Eom	151.64	152.22	152.65	153.11	153.97	154.88	155.51	153.27	152.94	151.27	151.68	151.11

424328N1133155.1. Local number 8S-25E-16da1. V. Anderson. Drilled irrigation water-table well in Snake River Group, diam 20 in, reported depth 230 ft, casing information not available. Lsd 4,243.4 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of pipe, 1.25 ft above lsd. Highest water level 148.37 below lsd, Dec. 1, 1953; lowest 162.71 below lsd, Sept. 17, 1964. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1961	157.58	Sept. 12, 1962	161.08	Mar. 25, 1964	160.93	Mar. 25, 1965	160.47
Sept. 20	160.04	Mar. 27, 1963	160.35	Sept. 17	162.71	Sept. 16	161.37
Mar. 15, 1962	159.56	Sept. 13	161.73				

424245N1132902.1. Local number 8S-25E-24bd1. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in, reported depth 180 ft, 8-in casing to 15, 6-in casing 120-180, perforated 160-180. Lsd 4,232.7 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.06 ft above lsd. Highest water level 133.5 below lsd, Oct. 24, Nov. 5-6, 17, 1953; lowest 146.07 below lsd, Aug. 6, 1964. Records available: 1950-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	141.78	142.00	141.88	142.19	142.63	143.43	143.96	144.09	144.09	143.80	.....	143.76
10	141.83	141.92	142.05	142.16	142.88	143.51	.....	144.02	144.15	143.67	143.59	.....
15	141.85	141.86	141.98	142.26	143.08	143.71	144.00	143.98	144.12	143.79	143.67	143.72
20	141.93	142.00	142.10	142.23	143.17	143.74	144.02	144.05	143.94	143.61	143.57	143.80
25	141.87	142.01	141.95	142.33	143.20	143.88	144.04	143.99	143.96	143.67	143.62	.....
Eom	141.88	142.08	142.14	142.41	143.35	143.94	143.99	143.97	143.86	.....	143.65	143.97
1962												
5	144.00	144.13	143.95	144.12	144.37	144.55	145.01	145.37	144.99	144.56	144.34	144.42
10	144.10	144.02	.....	144.09	144.55	.....	145.18	.....	144.94	144.44	144.28	144.46
15	143.98	.....	144.05	144.13	144.70	144.62	145.28	145.10	144.96	144.44	144.28	144.38
20	143.84	.....	143.94	.....	144.82	144.85	145.39	145.02	144.80	.....	144.30	144.40
25	144.05	143.86	.....	144.16	144.74	144.87	145.42	145.03	144.78	.....	144.31	144.40
Eom	144.19	143.94	144.10	144.28	144.68	.....	145.45	145.01	144.74	144.39	144.29	.....
1963												
5	144.55	144.63	144.65	144.70	144.79	145.11	145.25	145.70	145.43	145.15	144.66	144.85
10	144.35	144.47	144.62	.....	144.68	145.12	145.44	145.70	145.44	145.11	.....	144.74
15	.....	144.58	144.51	144.70	144.70	145.10	145.59	145.62	145.36	145.01	144.66	144.83
20	.....	144.58	144.69	144.68	144.70	144.93	145.62	145.55	145.32	144.90	144.63	144.84
25	144.55	144.65	144.73	144.71	144.67	145.03	145.70	145.45	145.28	144.80	144.82	144.90
Eom	144.49	144.64	144.59	144.77	144.92	145.13	145.72	145.52	145.20	144.83	144.86	145.00
1964												
5	144.97	.....	145.04	144.90	144.96	145.58	145.56	146.06	145.78	145.69	145.22	145.16
10	144.93	.....	145.11	145.03	145.04	145.38	145.76	146.02	145.78	145.61	144.98	145.02
15	.....	.....	145.19	144.99	145.07	145.35	145.82	145.90	145.76	145.45	145.11	145.04
20	144.81	.....	145.08	145.02	145.19	145.25	145.92	145.95	.....	145.47	145.18	145.10
25	144.95	.....	145.07	144.99	145.40	145.23	146.03	145.94	145.65	145.25	145.07	144.93
Eom	145.06	145.06	145.00	144.99	145.59	145.36	145.92	145.81	145.59	145.20	145.08	.....
1965												
5	.....	144.65	144.85	144.71	144.63	145.03	145.31	145.40	144.77	144.60	144.04	143.92
10	.....	144.68	144.80	144.64	144.68	145.13	145.28	145.34	144.81	144.50	143.98	143.74
15	.....	144.74	144.76	144.77	144.65	145.23	145.48	145.24	144.75	144.34	143.93	143.71
20	.....	144.78	144.83	144.78	144.75	145.36	145.54	145.09	.....	144.39	143.91	143.84
25	144.72	144.81	144.75	144.81	144.87	145.28	145.67	144.88	144.63	144.31	.....	143.75
Eom	144.74	144.72	144.75	144.74	144.82	145.28	.....	144.86	144.67	144.16	.....	143.65

424004N1133550.1. Local number 9S-24E-1db2. Louis Madrid. Drilled domestic water-table well in Snake River Group, and interbedded sediments, diam 6 in, depth 87 ft, casing information not available. Lsd 4,163.7 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top south side of casing, 4.20 ft below lsd. Highest water level 54.26 below lsd, Sept. 15, 1948; lowest 75.73 below lsd, Mar. 21, 1961. Records available: 1947-63. Measurement discontinued. Water level influenced by local irrigation.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1961	75.73	May 23, 1962	a77.59	Nov. 14, 1962	b70.04	July 17, 1963	64.09
July 12	64.55	July 18	b66.51	Jan. 9, 1963	74.80	Sept. 13	65.17
Sept. 20	66.58	Sept. 12	61.80	May 23	74.67	Nov. 14	69.79
Nov. 13	72.18						

- a Well being pumped.  
b Well pumped recently.

#### Oneida County

421435N1122249.1. Local number 13S-36E-33cc1. Mrs. K. T. Jones. Drilled unused water-table well in rocks of Paleozoic age, diam 6 in, depth 328 ft, casing information not available. Lsd not available. MP top west side of casing, 1.40 ft above lsd. Highest water level 293.45 below lsd, Apr. 26, 1953; lowest 302.30 below lsd, Sept. 13, 1951. Records available: 1946-59, 1961-63, 1965. No measurement made in 1964. Mar. 21, 1961, 295.28; May 1, 1962, 294.29; Mar. 26, 1963, 294.95; May 21, 1965, 294.43; June 30, 294.4 (measurement made by U. S. Bureau of Reclamation).

421515N1121250.1. Local number 13S-36E-35ad1. D. L. Evans. Drilled unused water-table well in gravelly clay of Quaternary age, diam 14 in, depth 109 ft, cased to 125. Lsd not available. MP top northeast side of casing, 0.36 ft above lsd. Highest water level 16.5 below lsd, July 1, 1965; lowest 22.36 below lsd, Sept. 13, 1965. Records available: 1963-65.

June 18, 1963	20.55	Apr. 21, 1964	19.22	July 29, 1965	18.19	Sept. 13, 1965	22.36
Sept. 15	21.41	Sept. 14	19.67	July 1	g16.5	Dec. 14	g19.6

g Measurement made by U. S. Bureau of Reclamation.

420949N1122020.1. Local number 14S-35E-35bd1. John W. Price. Drilled stock and domestic artesian well in sand and gravel of Quaternary age, diam 3 in, reported depth 360 ft, casing information not available. Lsd 4,492.5 ft above msl datum of 1929. MP top of 3-in casing coupling, 3.00 ft above lsd. Highest water level 29.0 above lsd, Feb. 25, 1946; lowest 9.88 below lsd, Sept. 13, 1965. Records available: 1943-65. Mar. 21, 1961, +7.7; May 1, 1962, +6.4; Mar. 26, 1963, +3.5; Apr. 21, 1964, +5.7; Mar. 30, 1965, +5.35; Sept. 13, -9.88.

420525N1121745.1. Local number 15S-36E-30cc1. Earl T. Tubbs and David W. Jenkins. Drilled irrigation water-table well in gravel of Quaternary age, diam 14 to 6 in, reported depth 237 ft, cased to 237, perforated 35-237. Lsd not available. MP top of hole inside northwest side of pumpbase, 1.00 ft above lsd. Highest water level 27.1 below lsd, May 14, 1965; lowest 53.6 below lsd, Sept. 3, 1964. Records available: 1962-65.

420525N1121748.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 31, 1962	42.71	Sept. 3, 1964	g53.6	Dec. 30, 1964	g31.4	June 24, 1965	g48.8
Sept. 15, 1963	38.18	14	44.77	Feb. 12, 1965	g29.1	Aug. 3	g46.6
Apr. 21, 1964	28.94	Oct. 9	g38.6	Mar. 30	28.16	Sept. 3	g42.7
June 12	g29.0	30	g36.7	Apr. 9	g27.8	13	39.63
Aug. 7	g41.6	Dec. 10	g32.5	May 14	g27.1		

g Measurement made by U. S. Bureau of Reclamation.

420303N1122915.1. Local number 16S-34E-9ab1. A. J. Fuhrman (previously reported Furman). Drilled unused water-table well in sand and gravel of Quaternary age, diam 4 in, depth 244 ft, casing information not available. Lsd not available. MP top north side of steel clamp, 1.40 ft above lsd. Highest water level 184.06 below lsd, Apr. 25, 1956; lowest 190.17 below lsd, May 7, 1947. Records available: 1947-50, 1952-53, 1956-59, 1961, 1963. No measurement made in 1962. Measurement discontinued. Mar. 21, 1961, 186.15; Mar. 26, 1963, 189.04.

## Owyhee County

425415N1160428.1. Local number 6S-3E-14bc1. Smith and Hinton. Drilled unused artesian well in sand of Idaho Group, diam 6 to 4 in, reported depth 1,342 ft, 6-in casing to 24, 4-in casing to 373. Lsd about 2,643 ft above msl datum of 1929. MP top of hole in casing cap, 0.25 ft above lsd. Highest water level 7.3 above lsd, Feb. 18, 1955; lowest 14.60 below lsd, Sept. 22, 1965. Records available: 1953-65.

Jan. 26, 1961	-3.32	Apr. 30, 1962	c+0.21	July 30, 1963	c-10.40	Nov. 30, 1964	-12.86
Feb. 28	1.84	May 29	-3.00	Aug. 26	c11.28	Dec. 30	11.73
Mar. 30	c.50	June 29	c4.79	Sept. 25	11.71	Jan. 29, 1965	10.83
Apr. 28	c1.45	July 26	c7.68	Oct. 29	11.61	Mar. 2	9.52
May 26	c3.04	Aug. 28	9.29	Dec. 2	10.64	Apr. 2	c8.54
June 27	c4.13	Sept. 24	c9.26	31	10.26	28	c8.53
July 28	c5.51	Oct. 25	8.79	Jan. 31, 1964	8.99	May 28	c16.05
Aug. 29	c6.18	Nov. 26	7.59	Feb. 28	8.18	June 30	c11.97
Sept. 27	6.55	Dec. 27	6.45	Apr. 1	8.09	July 30	c13.34
Nov. 1	6.23	Jan. 24, 1963	5.33	30	c7.46	Aug. 31	14.49
	5.61	Feb. 21	4.38	June 30	10.54	Sept. 22	14.69
Dec. 29	3.81	Mar. 21	4.09	July 31	c11.61	Oct. 29	c14.93
Jan. 30, 1962	2.39	Apr. 25	c5.09	Aug. 28	c12.64	Nov. 30	14.61
Feb. 28	1.17	May 28	c7.49	Sept. 25	13.41	Dec. 30	13.48
Mar. 30	-1.10	June 28	c8.67	Oct. 27	13.22		

c Nearby well being pumped.

424858N1155442.1. Local number 7S-5E-18bc1. Albert Black. Drilled irrigation artesian well in basalt of Pliocene(?) age, diam 14 to 8 in, reported depth 517 ft, cased to 254. Lsd about 2,643 ft above msl datum of 1929. MP top north side of concrete junction box, 2.36 ft above lsd. Highest water level 61.9 above lsd, Nov. 16, 1955; lowest 29.4 above lsd, July 31, 1964. Records available: 1954-65.

Jan. 26, 1961	+50.7	June 29, 1962	+36.1	Aug. 26, 1963	+39.4	Nov. 30, 1964	+46.5
Feb. 28	50.7	July 26	46.1	Sept. 25	40.6	Dec. 30	47.2
Mar. 30	51.0	Aug. 28	45.1	Oct. 29	46.2	Jan. 29, 1965	47.7
Apr. 28	49.5	Sept. 24	47.0	Dec. 2	46.4	Mar. 2	48.2
July 28	47.3	Oct. 25	47.6	31	47.6	Apr. 2	48.6
Aug. 29	33.0	Nov. 26	45.8	Jan. 31, 1964	47.8	29	43.5
Sept. 27	47.9	Dec. 27	49.5	Feb. 28	49.1	May 28	30.9
Nov. 1	47.2	Jan. 24, 1963	49.9	Apr. 30	43.6	June 30	29.7
Dec. 29	49.5	Feb. 21	50.5	May 27	41.9	July 30	42.7
Jan. 30, 1962	49.2	Mar. 21	49.9	June 30	42.6	Aug. 31	40.0
Feb. 28	49.6	Apr. 25	46.9	July 31	29.4	Sept. 22	29.9
Mar. 30	50.4	May 28	36.6	Aug. 28	40.5	Oct. 29	44.8
Apr. 30	49.0	June 28	42.9	Sept. 25	31.8	Nov. 30	46.4
May 29	49.9	July 30	31.9	Oct. 27	45.7	Dec. 30	47.1

424739N1155448.1. Local number 7S-5E-19cc1. W. H. Taylor. Formerly Ed Underdahl. Drilled irrigation water-table well in basalt and latite of Pliocene(?) age, diam 12 in, reported depth 760 ft, cased to 300. Lsd about 2,720 ft above msl datum of 1929. MP top south side of casing, 2.00 ft above lsd. Highest water level 10.28 below lsd, Aug. 12, 1953; lowest 25.69 below lsd, Oct. 29, 1965. Records available: 1953-65.

Jan. 26, 1961	18.42	Apr. 30, 1962	20.26	July 30, 1963	a26.59	Oct. 27, 1964	24.26
Feb. 28	18.50	May 29	20.70	Aug. 26	a27.07	Nov. 30	23.52
Mar. 30	18.07	June 29	21.30	Sept. 25	23.54	Dec. 30	22.98
Apr. 28	19.73	July 26	b25.36	Oct. 29	23.18	Jan. 29, 1965	22.58
May 26	a24.41	Aug. 28	a25.48	Dec. 2	22.87	Mar. 2	22.44
June 27	20.43	Sept. 24	22.34	31	22.12	Apr. 2	22.15
July 27	21.12	Oct. 25	a24.82	Jan. 31, 1964	21.84	29	a26.28
Aug. 29	a23.42	Nov. 26	21.11	Feb. 28	21.41	May 28	24.34
Sept. 27	20.87	Dec. 27	20.83	Apr. 1	21.12	June 30	a27.86
Nov. 1	20.36	Jan. 24, 1963	20.66	30	22.55	July 30	a28.77
30	20.19	Feb. 21	20.45	May 27	a26.94	Aug. 31	a28.98
Dec. 29	20.19	Mar. 21	20.27	June 30	a26.90	Sept. 22	25.57
Jan. 30, 1962	20.29	Apr. 25	a24.90	July 31	24.90	Oct. 29	25.69
Feb. 28	19.83	May 28	a25.90	Aug. 28	25.32	Nov. 30	24.81
Mar. 30	19.29	June 28	22.52	Sept. 25	24.88	Dec. 30	24.05

a Well being pumped.

b Well pumped recently.

425009N1154458.1. Local number 7S-6E-9ba2. Errol F. Black. Drilled irrigation and domestic artesian well in sand and shale of Idaho Group, diam 8 in, reported depth 800 ft, cased to 80. Lsd about 2,578 ft above msl datum of 1929. MP top of 10-in pipe elbow, 1.50 ft above lsd. Highest water level 59.3 above lsd, Feb. 24, 1954; lowest 9.0 above lsd, Sept. 8, 1955. Records available: 1953-65.

425009N115448, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	+48.6	May 29, 1962	+30.4	Aug. 26, 1963	+10.0	Nov. 30, 1964	+43.7
Feb. 28	48.8	June 29	j17.4	Sept. 25	35.5	Dec. 30	46.7
Mar. 30	50.6	July 26	j11.5	Oct. 29	40.2	Jan. 29, 1965	48.1
Apr. 28	20.6	Aug. 28	j11.9	Dec. 2	45.7	Mar. 2	48.7
June 27	15.1	Sept. 24	35.5	31	47.5	Apr. 2	49.7
July 28	19.4	Oct. 25	43.2	Jan. 31, 1964	48.0	29	47.4
Aug. 29	9.5	Nov. 26	46.0	Feb. 28	48.4	May 28	16.9
Sept. 27	26.6	Dec. 27	46.7	Apr. 1	50.5	June 30	17.9
Nov. 1	34.4	Jan. 24, 1963	47.4	May 27	23.4	July 30	27.0
30	42.9	Feb. 21	48.0	June 30	34.7	Aug. 31	20.2
Dec. 29	45.9	Mar. 21	48.6	July 31	25.7	Sept. 22	33.6
Jan. 30, 1962	46.2	Apr. 25	j30.4	Aug. 28	j14.3	Oct. 29	45.0
Feb. 28	46.4	May 28	15.8	Sept. 25	31.0	Nov. 30	22.0
Mar. 30	49.7	June 28	18.4	Oct. 27	29.7	Dec. 30	47.8
Apr. 30	20.4	July 30	18.0				

j Nearby well flowing.

## Power County

425605N1123410, 1. Local number 5S-33E-35cc1, U.S. Geol. Survey. Drilled observation water-table well in gravel of Quaternary age, diam 6 in, depth 60 ft, cased to 60, open bottom. Lsd 4,424.6 ft (previously reported about 4,420 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 2.10 ft above lsd. Highest water level 22.74 below lsd, Oct. 12, 1957; lowest 25.58 below lsd, June 24-25, 1961. Records available: 1955-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	24.78	25.08	25.02	25.10	25.37	25.33	25.39	25.34	25.03	24.62	24.85	25.06
10	24.84	25.03	25.07	25.09	25.41	25.46	25.40	25.32	24.97	24.62	24.78	25.10
15	.....	24.95	25.01	25.21	25.57	25.54	25.45	25.19	24.98	24.69	24.86	25.16
20	.....	25.08	25.06	25.18	25.33	25.49	25.41	25.26	24.64	24.69	24.84	25.22
25	.....	25.00	25.00	25.20	25.35	25.58	25.43	25.19	24.67	24.70	24.95	25.21
Eom	25.01	25.09	25.09	25.28	25.43	25.54	25.32	25.08	24.60	24.69	24.98	25.38
1962												
5	25.39	25.46	25.02	24.98	25.11	24.56	24.85	24.73	24.47	.....	23.98	.....
10	25.41	25.32	24.96	25.00	25.17	24.74	24.91	.....	.....	.....	24.02	24.42
15	25.42	24.81	25.07	25.02	25.03	24.78	24.88	.....	24.34	.....	24.12	24.43
20	25.17	24.78	24.96	24.99	24.94	24.82	24.94	.....	.....	23.88	.....	24.54
25	25.42	24.88	24.99	24.98	24.70	24.68	25.02	24.60	.....	23.96	.....	24.59
Eom	25.47	24.98	24.91	25.00	24.60	24.77	24.90	24.54	.....	24.00	.....	24.60
1963												
5	24.70	24.58	24.84	24.84	25.06	24.53	25.09	25.27	24.92	24.45	24.21	24.66
10	24.63	24.61	24.79	24.84	24.96	24.33	25.25	25.17	24.80	24.45	24.30	24.68
15	.....	24.77	24.76	24.84	24.86	24.29	25.32	25.12	24.62	24.39	24.28	24.78
20	.....	24.79	24.93	24.91	24.89	24.17	25.43	25.11	24.48	24.27	24.35	24.80
25	24.77	24.82	24.92	24.97	24.85	24.29	25.41	25.12	24.56	24.24	24.56	24.84
Eom	24.78	24.81	24.82	24.97	24.85	24.70	25.39	25.06	24.51	24.29	24.59	24.97
1964												
5	24.99	.....	25.23	24.91	24.82	24.88	24.57	24.93	24.55	24.05	.....	.....
10	25.00	.....	25.30	24.90	24.94	24.82	24.84	24.87	24.60	24.04	.....	.....
15	.....	.....	25.31	24.87	24.98	24.46	24.90	24.73	24.61	23.91	.....	.....
20	.....	.....	25.29	24.93	25.06	24.10	24.96	24.75	24.42	23.81	24.11	.....
25	.....	25.29	25.30	24.89	25.11	24.18	25.05	24.75	24.20	23.74	24.06	.....
Eom	.....	25.25	25.05	24.91	24.91	24.56	24.84	24.57	24.10	.....	.....	.....
1965												
5	.....	.....	24.80	24.59	24.44	24.57	24.19	24.40	23.77	23.43	23.39	23.65
10	.....	.....	24.79	24.45	24.54	.....	24.49	24.28	23.67	23.50	23.42	23.61
15	.....	.....	24.79	.....	24.65	24.77	24.49	24.07	23.60	23.33	23.46	23.70
20	.....	.....	24.82	.....	.....	24.80	24.00	23.96	23.34	23.37	23.49	23.84
25	.....	24.75	.....	.....	24.54	24.53	24.28	23.75	23.36	23.36	23.45	23.79
Eom	24.51	24.67	24.71	.....	24.44	23.94	24.48	23.80	23.36	23.35	23.57	23.85

425223N1124144, 1. Local number 6S-32E-27ad1, U.S. Geol. Survey. Drilled observation water-table well in sand of Quaternary age, diam 6 in, depth 63 ft, cased to 73, perforated 63-66, casing filled with sand and gravel from 63-73. Lsd 4,416.7 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top north side of casing, 2.30 ft above lsd. Highest water level 33.45 below lsd, May 15-21, 1965; lowest 39.86 below lsd, Oct. 15-16, 1961. Records available: 1954-65. Recorder installed Feb. 4, 1955. Dec. 23, 1954, 37.87; Jan. 12, 1955, 35.77; Jan. 30, 35.93; Feb. 4, 35.21.

Water level at noon, from recorder graph, 1955												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	35.19	.....	.....	.....	34.43	34.67	.....	36.09	36.82	37.16	37.00
10	.....	35.15	.....	.....	.....	.....	34.74	.....	36.21	36.91	37.17	36.90
15	.....	.....	.....	.....	.....	.....	34.84	.....	36.33	36.99	37.12	36.83
20	.....	.....	.....	.....	34.38	34.50	34.96	35.68	36.48	37.05	37.10	36.75
25	.....	34.98	.....	.....	34.37	34.56	35.04	35.79	36.61	37.11	37.10	36.66
Eom	.....	34.94	.....	.....	34.39	34.60	.....	35.96	36.73	37.14	37.06	36.57
1956												
5	36.47	35.98	35.57	35.16	35.00	34.86	34.87	.....	35.76	36.34	36.53	36.25
10	.....	35.89	35.50	35.16	34.96	34.85	34.90	.....	35.87	36.41	36.53	.....
15	36.38	35.80	35.42	35.12	34.94	34.84	34.93	.....	35.97	36.46	36.50	.....
20	36.28	35.74	35.36	35.10	34.94	34.83	34.97	.....	36.07	36.50	.....	.....
25	36.18	35.68	35.29	35.06	34.91	34.85	.....	35.55	36.17	36.52	.....	.....
Eom	36.07	35.63	35.22	36.03	34.89	34.86	.....	35.66	36.26	36.53	36.31	36.02

425223N1124144, 1--Continued.

1957											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	35.95	35.62	35.34	34.94	34.68	34.56	34.64	35.28	36.14	36.90	.....
10	35.88	35.58	35.26	34.88	34.64	34.55	34.71	35.41	36.28	37.00	.....
15	35.82	35.54	.....	34.83	.....	34.54	34.80	35.55	36.41	37.08	.....
20	35.76	35.50	.....	34.79	.....	34.54	34.90	35.68	36.54	37.14	.....
25	35.73	35.44	35.06	34.74	34.56	34.56	35.02	35.82	.....	37.18	37.10
Eom	35.67	35.41	34.99	34.71	34.56	34.59	35.17	36.00	36.79	.....	37.05
1958											
5	36.50	35.92	35.50	35.04	34.76	34.75	35.11	.....	36.73	37.45	37.75
10	36.42	35.83	35.41	34.98	34.73	34.79	35.21	.....	36.89	.....	37.73
15	.....	36.75	35.34	34.95	34.71	34.82	35.32	.....	37.04	.....	37.73
20	.....	35.65	35.26	34.90	34.70	34.88	35.43	.....	.....	.....	37.51
25	.....	35.57	35.18	34.84	34.72	34.94	35.56	.....	.....	.....	37.75
Eom	36.00	35.59	35.12	34.80	34.73	35.02	35.73	36.57	37.35	37.73	37.73
1959											
5	.....	36.71	36.21	35.64	35.22	35.35	36.17	37.27	38.18	38.63	38.65
10	37.20	36.61	36.13	35.56	35.21	35.43	36.33	37.44	38.29	38.65	38.62
15	37.11	36.52	36.03	35.47	35.20	35.55	36.49	37.60	38.40	38.68	38.55
20	37.03	36.41	35.94	35.39	35.21	35.71	36.68	.....	38.49	38.69	38.49
25	36.93	36.35	35.85	35.33	.....	35.86	36.87	37.90	38.54	38.70	38.45
Eom	36.81	36.30	35.73	35.27	35.28	36.02	37.10	38.06	38.59	38.68	38.39
1960											
5	37.66	37.12	.....	36.02	35.45	35.68	36.51	37.67	38.60	39.15	39.34
10	37.55	37.00	.....	35.93	35.43	35.80	36.68	37.85	38.72	39.20	39.34
15	37.44	36.93	.....	35.82	35.42	35.94	36.87	38.01	38.83	39.25	39.34
20	.....	36.83	.....	35.74	35.42	36.09	37.06	38.16	38.92	39.29	39.29
25	.....	36.71	36.22	35.63	.....	36.19	.....	38.30	39.00	39.30	39.23
Eom	37.21	36.65	36.10	35.51	35.58	36.34	37.47	38.46	39.09	39.33	39.17
1961											
5	38.60	37.99	37.30	36.65	36.17	36.39	37.30	38.46	39.47	39.83	39.63
10	38.50	37.87	37.20	36.54	36.15	36.49	37.47	38.65	39.58	39.84	39.56
15	38.40	37.73	37.08	36.44	36.15	36.63	37.64	38.86	39.65	39.86	39.48
20	.....	37.60	36.97	36.36	36.18	36.78	37.84	39.03	39.71	39.83	39.39
25	.....	37.50	36.87	36.28	36.21	36.95	38.02	39.18	39.76	39.78	39.28
Eom	38.11	37.43	36.74	36.22	36.29	37.12	38.25	39.35	39.80	39.71	39.19
1962											
5	38.38	37.49	35.49	34.67	34.64	34.73	35.15	36.02	36.77	37.64	38.12
10	38.25	37.33	35.33	34.64	34.65	34.76	35.29	36.15	36.92	37.76	38.13
15	.....	37.19	35.18	34.64	34.66	34.78	.....	36.27	37.06	37.85	38.14
20	37.99	36.71	35.01	34.63	34.69	34.85	35.54	36.38	37.23	37.93	38.16
25	37.84	36.00	34.83	34.63	34.70	34.94	35.70	36.48	37.38	38.01	38.14
Eom	37.66	35.75	34.72	34.62	34.71	35.03	35.89	36.64	37.53	38.09	38.10
1963											
5	37.48	36.81	36.09	35.47	35.07	34.84	34.83	36.72	37.83	38.09	37.87
10	37.35	36.68	35.97	35.36	35.02	34.81	35.14	37.00	37.95	38.18	37.80
15	37.28	36.55	35.86	35.28	34.97	34.76	35.49	37.19	38.01	38.23	37.75
20	37.17	36.40	35.75	35.20	34.93	34.73	35.80	37.34	38.10	38.17	37.71
25	37.07	36.27	35.67	35.17	34.89	34.72	36.05	37.49	38.13	38.05	37.66
Eom	36.92	36.22	35.56	35.11	34.85	34.73	36.41	37.72	38.06	37.95	37.62
1964											
5	37.07	36.57	36.06	34.73	34.16	34.24	34.28	36.18	36.21	35.60	34.86
10	36.96	36.50	35.97	34.54	34.14	34.20	34.46	36.37	36.14	35.61	.....
15	36.88	36.40	35.87	34.43	34.14	34.22	34.87	36.40	35.96	35.51	.....
20	.....	36.33	35.75	34.34	34.16	34.20	35.29	36.37	35.77	35.31	34.99
25	36.69	36.23	35.52	34.27	34.23	34.16	35.65	36.25	35.66	35.06	35.07
Eom	36.63	36.16	35.15	34.22	34.25	34.17	36.03	36.20	35.58	34.90	35.09
1965											
5	34.56	33.95	33.85	33.91	33.51	33.56	35.05	34.91	34.42	34.25	33.82
10	.....	33.88	33.89	33.83	33.48	33.79	35.23	34.87	34.38	.....	33.76
15	.....	33.83	.....	33.74	33.45	34.08	35.41	34.83	34.32	.....	33.72
20	34.06	33.83	.....	33.67	33.45	34.73	35.56	34.74	34.29	34.11	33.69
25	33.99	33.81	.....	33.63	33.47	35.15	35.06	34.64	34.24	34.01	33.64
Eom	33.96	33.81	33.98	33.57	33.51	35.11	35.00	34.49	34.25	33.90	33.62

425318N1123710, 1. Local number 6S-33E-20ab1. Anton Smith. Drilled domestic (previously reported unused) water-table well in gravel of Quaternary age, diam 5 in, depth 151 ft, cased to 151. Lsd 4,436.8 ft (previously reported about 4,430 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top northeast side of casing, 3.47 ft below lsd (since Oct. 19, 1962). Highest water level 33.13 below lsd, Nov. 2, 1954; lowest 37.44 below lsd, July 26, 1951. Records available: 1953-65. Recorder removed July 25, 1962.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	35.10	35.27	35.16	35.14	35.82	36.16	36.92	36.99	36.57	35.57	35.44
10	35.19	35.19	35.23	35.18	36.30	36.50	37.38	36.99	36.10	35.54	35.33
15	35.18	35.08	35.10	35.44	36.30	36.86	37.28	36.96	.....	35.46	35.38
20	.....	35.25	35.18	35.44	.....	36.95	37.30	36.90	.....	35.62	35.33
25	.....	35.19	35.08	35.30	36.12	37.27	37.34	37.00	35.50	35.43	35.42
Eom	35.21	35.28	35.16	35.51	36.44	37.12	37.19	36.87	35.43	35.32	35.43



425318N1123710\_1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	35.68	35.66	35.04	34.92	35.33	35.02	36.32	.....	.....	.....	.....	.....
10	35.62	35.45	35.02	34.94	35.61	35.56	36.38	.....	.....	.....	.....	.....
15	.....	34.96	35.07	35.12	35.41	35.46	36.38	.....	.....	.....	.....	.....
20	35.42	34.90	34.91	35.07	35.08	35.87	36.51	.....	.....	.....	.....	.....
25	.....	34.96	34.95	35.00	35.11	35.70	.....	.....	.....	.....	.....	.....
Eom	35.66	35.04	34.87	34.93	34.76	35.95	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 21, 1962	36.07	June 18, 1963	34.37	June 17, 1964	33.26	Apr. 22, 1965	34.56
Sept. 15	35.56	July 19	34.72	July 16	33.03	May 22	34.96
Oct. 19	34.53	Aug. 16	34.32	Aug. 12	35.60	June 15	34.57
Nov. 16	34.69	Sept. 15	34.23	Sept. 15	35.47	July 15	35.55
Dec. 11	34.82	Oct. 17	34.99	Oct. 19	34.44	Aug. 10	35.16
Jan. 11, 1963	35.01	Nov. 15	34.75	Nov. 20	34.47	Sept. 14	34.45
Feb. 26	34.68	Feb. 25, 1964	35.29	Jan. 16, 1965	34.65	Oct. 19	33.59
Mar. 26	35.24	Mar. 23	35.12	Feb. 24	34.79	Nov. 19	33.60
Apr. 23	35.00	Apr. 22	34.91	Mar. 26	34.69	Dec. 14	33.72
May 24	34.94	May 21	35.54				

a Well being pumped.

424722N1125756\_1. Local number 75-30E-28bb1. John Rast. Drilled unused water-table well in Snake River Group, diam 20 in, depth 288 ft, cased to 3. (Original well, diam 18 to 12 in, depth 518 ft, cased, casing was pulled except for a piece that is below water level; hole then filled to present depth.) Lsd 4,533.6 ft above msl datum of 1929 (unadjusted). MP top north side of casing, 1.40 ft above lsd. Highest water level 196.05 below lsd, Dec. 29, 1965; lowest 203.78 below lsd, Aug. 31, 1961. Records available: 1961-65. Recorder installed May 25, 1961.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	200.69	202.43	203.22	203.42	201.42	200.60	200.00
10	.....	.....	.....	.....	.....	.....	202.66	203.31	203.32	201.17	200.30	199.87
15	.....	.....	.....	.....	.....	201.61	202.95	203.23	203.22	201.12	200.26	199.88
20	.....	.....	.....	.....	.....	201.96	203.12	203.44	202.34	200.77	200.03	199.97
25	.....	.....	.....	.....	199.59	202.08	203.15	203.70	202.03	200.74	200.03	199.92
Eom	.....	.....	.....	.....	200.40	202.75	202.94	203.78	201.70	200.52	199.96	200.13

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
						1962								
5	200.10	199.76	199.58	199.30	199.36	199.65	202.18	202.78	202.73	200.75	199.05		198.34	
10	200.14	199.61	199.42	199.26	199.77	200.27	202.52	202.60	202.38	200.36	198.90		198.24	
15	199.91	199.47	199.60	199.20	199.70	200.73	202.16	202.68	202.39	200.18	.....		198.01	
20	199.48	199.40	199.43	199.14	199.65	201.29	202.53	202.43	202.18	199.91	198.55		198.12	
25	199.78	199.46	199.40	199.18	199.54	201.19	202.81	202.74	201.86	199.65	198.50		198.02	
Eom	199.87	199.55	199.36	199.40	199.70	201.95	202.95	202.78	201.30	199.39	198.32		197.92	

	1967.1	1967.6	1967.9	1967.8	1967.6	1967.6	1968.6	1967.6	1967.6	1967.6	1967.6	1967.6
1963												
5	197.98	197.90	197.89	197.92	198.21	198.17	198.79	201.08	201.74	199.74	199.08	198.28
10	197.68	197.69	197.79	197.91	198.15	198.23	199.48	200.99	201.49	199.58	198.90	198.06
15	.....	197.90	197.64	197.80	198.17	198.37	200.07	201.30	200.80	199.50	198.61	198.08
20	.....	197.86	198.00	197.90	198.26	198.29	200.48	201.51	200.60	199.20	198.37	198.00
25	.....	197.95	198.08	198.01	198.20	198.45	200.84	201.56	200.33	199.06	198.55	198.03
Eom	197.68	197.89	197.81	198.11	198.18	198.46	201.08	202.00	200.01	199.60	198.41	198.10

20th	197.05	197.59	197.84	198.11	198.18	198.46	201.05	202.00	200.01	199.00	198.41	198.10
1964												
5	197.98	.....	197.87	198.12	197.97	198.54	199.30	201.04	201.75	200.59	199.26	198.41
10	197.90	.....	198.02	198.18	198.20	198.62	199.46	201.14	201.40	200.16	198.94	198.13
15	.....	.....	198.10	.....	198.22	198.63	199.80	201.31	201.01	199.79	198.94	198.00
20	.....	.....	198.12	.....	198.22	198.62	200.20	201.47	200.79	199.70	198.78	197.98
25	.....	.....	198.10	.....	198.06	198.30	198.62	200.46	201.49	200.93	198.38	197.80
Eom	.....	197.90	198.14	198.08	198.45	198.68	200.77	201.43	200.58	199.32	198.41	197.71

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1965															
5	197.76	197.38	197.39	197.11	197.20	197.69	199.54	200.37	200.06	198.53	197.23	196.56			
10	197.84	197.43	197.28	197.02	197.38	198.37	199.86	200.31	199.96	198.30	197.04	196.28			
15	197.93	197.48	197.22	197.29	197.35	198.77	200.15	200.39	199.97	197.91	196.90	196.23			
20	197.62	197.46	197.30	197.29	197.33	199.15	200.10	200.38	199.53	197.92	196.74	196.37			
25	197.55	197.43	197.12	197.32	197.41	199.08	200.28	199.74	199.15	197.72	196.51	196.12			
Eom	197.52	197.24	197.18	197.32	197.48	199.27	200.37	199.96	198.87	197.46	196.59	196.06			

## Teton County

434937N1111436\_1. Local number 6N-44E-22dd1. U. S. Bureau of Reclamation. Drilled observation water-table well in sand and gravel, diam 8 in, depth 258 ft, cased to 242, open hole. Lsd 6,027.7 ft above msl datum of 1929. MP top of casing, 1.65 ft (previously reported 1.68 ft) above msl. Highest water level 198.92 below lsd, June 18, 1964; lowest 201.69 below lsd, Apr. 23, 1964. Records available: 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1961	199.61	Aug. 23, 1962	199.51	Aug. 17, 1963	198.14	Feb. 25, 1965	200.25
Mar. 24	200.14	Sept. 17	198.93	Sept. 17	199.57	Apr. 1	198.31
Apr. 11	199.11	Oct. 20	199.78	Oct. 18	200.19	24	196.63
June 6	198.93	Dec. 13	200.57	Apr. 23, 1964	201.69	June 17	193.82
Sept. 20	200.07	Feb. 28, 1963	200.01	June 18	188.92	Aug. 12	194.49
Oct. 10	199.70	Mar. 27	200.29	Aug. 14	194.66	Sept. 15	197.18
Feb. 16, 1962	193.92	Apr. 25	201.31	Sept. 17	198.40	Oct. 21	198.88
Mar. 14	197.37	June 20	195.81	Oct. 21	199.75	Dec. 16	200.37

434027N1110443.1. Local number 4N-45E-13ad1. U. S. Bureau of Reclamation. Drilled observation water-table well in sand and gravel of Quaternary age, diam 16 in, depth 304 ft, cased to 301, perforated 230-240, 255-295, open end. Lsd 6,275.4 ft above msl datum of 1929. MP top east side of casing, 1.00 ft above lsd. Highest water level 141.83 below lsd, July 19, 1965; lowest 202.16 below lsd, Apr. 20-21, 1964. Records available: 1958-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	198.22	199.86	201.12	.....	202.25	184.16	165.79	.....	.....	193.52	192.58	193.55
10	198.51	200.11	201.36	.....	202.29	180.22	166.93	.....	.....	193.35	192.28	194.07
15	198.76	200.31	201.52	202.12	202.42	176.37	168.91	.....	.....	192.88	192.25	194.72
20	199.02	200.65	201.77	201.99	202.12	170.27	171.38	.....	.....	192.58	192.30	195.50
25	199.26	200.83	.....	201.99	201.31	167.14	174.06	.....	192.43	192.58	192.67	195.98
Eom	199.56	201.01	.....	202.12	194.07	165.82	177.05	.....	193.21	192.48	193.02	196.15

1962												
5	196.12	.....	.....	.....	190.96	174.18	.....	159.08	176.17	185.77	191.51	194.66
10	.....	.....	.....	.....	188.03	173.06	.....	162.34	178.14	186.96	192.15	194.99
15	.....	.....	.....	200.05	181.54	170.95	.....	165.38	180.04	188.10	192.78	195.38
20	.....	199.34	.....	199.15	176.72	163.98	150.28	168.33	181.63	189.12	193.38	195.90
25	.....	199.43	.....	197.71	175.85	158.29	152.28	171.08	183.21	190.02	193.96	196.32
Eom	.....	.....	.....	194.98	174.30	151.86	155.90	174.03	184.62	190.95	194.28	196.84

1963												
5	197.24	.....	199.23	200.62	201.68	175.11	151.93	165.67	181.44	188.91	193.57	196.24
10			199.37	200.79	201.92	169.47	152.33	168.86	183.11	189.82	194.13	196.71
15			199.60	200.76	202.04	167.48	153.35	171.95	184.46	190.64	194.53	197.07
20			199.92	200.88	201.40	160.67	155.63	174.67	185.86	191.41	194.93	197.33
25			200.20	201.01	199.02	153.19	158.18	177.05	187.07	192.15	195.47	197.55
Eom		199.13	200.41	201.25	185.01	151.59	162.23	179.61	187.96	193.02	195.84	197.73

1964												
5	.....	.....	200.45	201.74	200.93	175.10	.....	148.12	170.91	182.31	189.27	193.45
10	.....	.....	200.72	201.98	200.07	169.68	.....	152.45	173.41	183.68	189.90	193.84
15	.....	.....	200.96	202.07	198.60	162.83	.....	156.78	175.44	184.89	190.82	193.93
20	.....	.....	201.12	202.16	196.73	158.87	.....	160.67	177.35	186.09	191.57	194.16
25	.....	.....	201.37	201.90	189.85	154.10	.....	164.18	178.95	187.16	192.08	194.24
Eom	.....	200.25	201.53	201.62	179.55	150.85	143.94	168.03	180.67	188.34	192.86	194.29

1965												
5	194.40	195.78	197.72	199.30	196.28	181.35	148.14	145.88	168.90	180.50	186.24	191.23
10	194.46	196.13	197.99	199.27	194.57	177.66	145.46	152.23	171.31	181.90	187.07	191.93
15	194.66	196.48	198.25	199.21	192.51	168.71	142.64	155.74	173.48	183.07	187.86	192.60
20	194.81	196.80	198.57	198.85	190.82	161.64	141.93	159.28	175.60	184.22	188.61	193.05
25	195.11	197.19	198.78	198.29	187.04	157.03	143.10	162.60	177.35	184.89	189.40	193.21
Eom	195.50	197.42	199.11	197.55	182.91	150.16	145.89	166.29	179.07	185.56	190.32	193.52

## Twin Falls County

423207N1142155.1. Local number 10S-18E-20dd1. Village of Kimberly. Drilled public-supply water-table well in Snake River Group and sand of undetermined age, diam 8 to 5 in, reported depth 1,200 ft, s-in casing 0-735, 5-in casing 735-1,110. Lsd not available. MP top of casing, 5.30 ft below (previously reported 5.30 ft above) lsd. Highest water level 165.69 below lsd, Nov. 16, 1965; lowest 178.47 below lsd, May 19, 1955. Records available: 1951-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	170.25	Aug. 21, 1962	169.89	Oct. 14, 1963	167.19	Dec. 15, 1964	167.58
Mar. 22	172.60	Sept. 11	168.75	Nov. 14	167.02	Jan. 12, 1965	168.11
May 20	174.28	Oct. 17	167.78	Dec. 17	167.62	Feb. 23	168.71
July 11	172.44	Nov. 13	167.44	Jan. 14, 1964	168.25	Mar. 23	169.19
Aug. 24	169.15	Dec. 10	167.76	Feb. 24	169.20	Apr. 21	170.28
Sept. 14	167.87	Jan. 8, 1963	168.02	Mar. 24	169.73	May 18	171.50
Nov. 12	167.85	Feb. 26	169.75	Apr. 20	171.57	June 14	171.08
Jan. 16, 1962	169.51	Mar. 26	170.73	May 19	173.14	July 13	170.21
Feb. 13	170.61	Apr. 22	171.89	June 16	171.44	Aug. 9	168.53
Mar. 13	172.15	May 21	172.65	July 14	171.60	Sept. 14	166.65
Apr. 9	172.94	June 17	171.54	Aug. 10	170.41	Oct. 18	166.08
May 22	173.36	July 16	171.10	Sept. 15	168.10	Nov. 16	165.69
June 18	173.44	Aug. 14	169.04	Oct. 18	167.90	Dec. 13	165.72
July 17	173.01	Sept. 12	167.79	Nov. 17	167.43		

422558N1142415.1. Local number 11S-17E-25dd2. U. S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in, depth 352 ft, cased to 175, perforated 145-175, open bottom. Lsd 4,138.5 ft above msl datum of 1929 (unadjusted). MP top north side of casing, 1.50 ft above lsd. Highest water level 77.23 below lsd, Aug. 24, 1965; lowest 97.23 below lsd, Apr. 6, 1962. Records available: 1960-65. Recorder installed Oct. 27, 1960. Sept. 20, 1960, 88.19.

Water level at noon, from recorder graph, 1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88.59	90.39
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88.82	90.49
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89.12	90.79
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89.35	91.23
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89.34	91.19
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	87.82	90.00	91.33

1961												
5	91.60	93.85	94.93	96.00	92.27	.....	.....	86.17	85.25	86.96	.....	91.37
10	92.06	93.95	95.38	95.46	91.75	89.41	.....	85.90	85.38	87.12	.....	91.60
15	92.35	94.15	95.38	94.95	91.51	89.38	87.11	.....	85.48	87.88	89.68	92.04
20	92.80	94.65	95.82	94.12	91.26	89.01	86.80	.....	85.57	88.18	89.70	92.51
25	92.95	94.79	95.82	93.50	90.94	88.69	86.60	85.25	86.30	.....	90.22	92.78
Eom	93.35	95.04	96.23	92.99	90.46	88.38	86.37	85.08	86.66	.....	90.64	93.50

422558N1142415, 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	93.75	.....	96.04	97.13	.....	.....	.....	83.68	82.80	83.19	85.37	.....
10	94.13	.....	96.18	96.86	.....	.....	.....	83.69	82.56	83.43	85.82	.....
15	.....	95.41	96.48	95.85	.....	.....	.....	83.48	82.74	84.13	86.09	.....
20	.....	95.60	96.46	.....	.....	.....	84.56	83.30	82.55	84.57	86.46	.....
25	.....	95.78	96.80	.....	.....	.....	84.25	83.13	82.92	84.90	86.87	.....
Eom	.....	95.83	97.04	.....	.....	.....	83.99	82.93	83.33	85.33	87.15	.....
1963												
5	.....	.....	93.68	94.20	92.29	89.15	85.62	.....	.....	.....	.....	87.38
10	.....	92.37	93.71	93.76	91.72	88.49	.....	.....	.....	.....	.....	.....
15	.....	92.74	93.74	93.21	91.18	88.18	.....	.....	81.62	.....	85.65	.....
20	.....	93.05	94.31	93.03	90.89	87.51	84.55	.....	.....	.....	85.92	.....
25	.....	93.30	94.64	92.76	90.76	87.08	.....	.....	.....	.....	86.86	.....
Eom	.....	93.33	94.47	92.58	89.95	86.30	.....	.....	.....	.....	87.17	.....
1964												
5	.....	90.97	92.25	92.73	90.35	86.70	84.81	82.62	81.47	82.51	84.66	86.95
10	.....	91.02	92.37	93.38	89.75	86.41	84.21	82.28	81.77	82.62	84.71	86.98
15	.....	91.32	92.53	93.64	.....	86.31	.....	81.82	81.78	82.88	85.41	87.20
20	.....	92.08	92.38	93.50	88.02	86.29	.....	81.67	81.63	83.62	85.88	.....
25	90.61	92.23	92.50	92.80	87.51	86.22	83.02	81.57	81.62	83.67	86.03	.....
Eom	90.80	92.32	92.50	91.79	87.01	85.66	82.63	81.33	81.98	84.22	86.52	.....
1965												
5	88.30	.....	88.95	88.73	84.85	81.97	80.11	78.13	77.27	78.97	80.82	83.45
10	88.75	.....	88.93	88.15	84.21	81.63	79.69	77.90	77.60	79.26	81.13	83.52
15	.....	88.47	89.10	88.19	83.48	81.05	79.52	77.56	77.82	79.31	81.56	.....
20	.....	88.55	89.27	87.68	82.92	81.04	78.97	77.34	78.16	80.03	81.98	.....
25	.....	88.75	89.09	87.16	82.52	80.49	78.65	77.25	78.30	80.33	82.23	.....
Eom	.....	88.55	89.10	86.11	82.06	80.37	78.36	77.44	78.87	80.62	.....	.....

422527N1141611, 1. Local number 11S-19E-31ad1. L. P. Larsen. Drilled unused water-table well in gravel of probable Quaternary age, diam 8 in, reported depth 350 ft, cased to 140. Lsd 4,197.7 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top east side of casing, 0.50 ft above lsd. Highest water level 118.75 below lsd, May 3, 1952; lowest 159.68 below lsd, Nov. 12, 1961. Records available: 1951-52, 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	154.40	June 18, 1962	154.17	Aug. 14, 1963	151.41	Nov. 17, 1964	147.54
Mar. 22	151.09	July 17	154.44	Sept. 12	152.43	Dec. 15	146.33
Apr. 5	150.53	Aug. 21	153.46	Oct. 14	152.15	Jan. 12, 1965	145.53
May 20	152.56	Sept. 17	155.62	Nov. 14	150.37	Feb. 23	143.70
26	153.34	Oct. 18	152.58	Dec. 16	149.59	Mar. 23	142.59
June 15	155.61	Nov. 13	154.13	Jan. 14, 1964	148.49	Apr. 2	142.35
July 10	158.51	Dec. 10	154.08	Feb. 24	146.56	May 18	142.38
Sept. 12	159.52	Jan. 8, 1963	152.45	Mar. 24	145.72	June 14	142.86
Nov. 12	159.68	Feb. 26	151.57	Apr. 20	145.10	July 13	143.94
Jan. 16, 1962	157.95	Mar. 26	149.42	May 19	144.70	Aug. 9	145.92
Feb. 13	157.16	Apr. 8	149.05	July 14	144.96	Sept. 14	145.85
Mar. 13	156.46	May 21	148.86	Aug. 10	147.28	Oct. 18	140.28
Apr. 9	155.13	June 17	150.76	Sept. 15	145.52	Nov. 16	141.12
May 22	154.40	July 16	151.08	Oct. 18	147.18	Dec. 13	141.13

422829N1140558, 1. Local number 11S-20E-10dcl. Glen Briggs. Drilled irrigation water-table well in Snake River Group, diam 16 in, reported depth 250 ft (previously reported 180 ft), cased to 6. Lsd 4,174.8 ft (previously reported 4,175.3 ft) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top hole inside northwest side of pumpbase, 5.00 ft below lsd. Highest water level 125.35 below lsd, Oct. 25, 1956; lowest 170.62 below lsd, Sept. 12, 1963. Records available: 1951-65.

Jan. 24, 1961	148.56	Oct. 18, 1962	169.88	Nov. 14, 1963	154.80	Dec. 15, 1964	147.03
Mar. 22	153.30	Nov. 13	156.52	Dec. 16	153.89	Jan. 12, 1965	148.10
May 20	a191.89	Dec. 10	154.32	Jan. 14, 1964	155.40	Feb. 23	151.72
July 10	a198.69	Jan. 8, 1963	154.82	Feb. 24	157.81	Mar. 23	154.08
Nov. 12	156.57	Feb. 25	158.00	Mar. 24	159.82	Apr. 2	156.20
Jan. 16, 1962	156.30	Mar. 26	159.79	Apr. 20	161.96	May 18	162.93
Feb. 13	157.44	Apr. 22	161.72	May 19	163.91	June 14	a156.29
Mar. 14	159.42	May 22	163.41	June 16	166.56	July 13	a176.15
Apr. 9	160.70	June 17	163.39	July 14	a184.66	Aug. 9	a165.17
May 22	167.72	July 16	a186.37	Aug. 11	a186.71	Sept. 14	a165.76
June 18	a195.37	Aug. 15	a188.57	Sept. 16	a186.73	Oct. 18	139.95
July 17	a186.02	Sept. 12	170.62	Oct. 18	159.36	Nov. 16	134.74
Aug. 20	a187.38	Oct. 14	167.22	Nov. 17	148.50	Dec. 13	135.81
Sept. 12	a195.44						

a Well being pumped.

422508N1140851, 1. Local number 11S-20E-32ccl. Harold Savage. Drilled unused water-table well in silicic volcanic rocks (?) of Pliocene(?) age, diam 18 in, reported depth 320 ft, casing information not available. Lsd 4,220.9 ft above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of shaft hole inside west side of pumpbase, 0.80 ft above lsd (since Jan. 16, 1964). Highest water level 114.93 below lsd, Apr. 13, 1954; lowest 166.89 below lsd, Aug. 9, 1965. Records available: 1954-65.

Jan. 24, 1961	139.25	Nov. 12, 1961	148.66	Aug. 21, 1962	163.79	Mar. 26, 1963	134.67
Mar. 22	131.41	Jan. 16, 1962	139.86	Sept. 12	165.73	Apr. 22	133.24
31	130.25	Feb. 13	137.24	Oct. 18	156.21	May 21	140.33
May 20	139.83	Mar. 13	135.20	Nov. 13	149.97	June 17	144.42
July 14	147.67	Apr. 9	133.27	Dec. 10	145.45	July 16	149.72
July 10	154.33	May 22	145.39	Jan. 8, 1963	141.35	Aug. 15	159.35
Sept. 14	159.20	July 17	155.43	Feb. 26	136.88	Sept. 12	159.47

422508N1140851, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 14, 1963	152.19	Mar. 19, 1964	136.62	Dec. 15, 1964	146.19	July 13, 1965	157.86
Nov. 14	146.19	June 16	145.19	Jan. 12, 1965	142.30	Aug. 9	166.89
Dec. 17	142.27	July 14	150.89	Feb. 23	137.63	Sept. 14	161.85
Jan. 14, 1964	138.60	Aug. 10	160.33	Mar. 23	135.05	Oct. 18	152.26
Feb. 24	134.95	Sept. 16	165.43	Apr. 22	133.25	Nov. 16	146.50
Mar. 24	132.85	Oct. 18	160.91	May 18	141.02	Dec. 13	142.32
Apr. 20	131.38	Nov. 17	151.82	June 14	150.85		

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# MONTANA

The observation-well program in Montana was continued during 1961 through 1965 in cooperation with the Montana Bureau of Mines and Geology and as part of the program for the development of the Missouri River Basin. Periodic water-level measurements were made in 21 wells. Figure 5 shows the location of observation wells included in this report.

## Well-Numbering System

Wells are numbered in accordance with the Bureau of Land Management's system of land subdivision. The capital letters--A, B, C, and D--designate the location of the well in the northeast, northwest, southwest, and southeast quadrants, respectively, of the Montana principal meridian and base-line system. The first digit of a well number indicates the township, the second the range, and the third the section in which the well is located. The first lowercase letter locates the well in the quarter section and the second in the quarter-quarter section. The letters are assigned in a counterclockwise direction, beginning in the northeast quarter. If information is obtained on 2 or more wells in the same quarter-quarter section, consecutive digits beginning with 1 are added to the well number. Thus, the number A-29-13-21aa2 designates the second well for which information was obtained in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 21, T. 13 N., R. 29 E.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

### Chouteau County

481542N1100235.1. Local number A-29-13-21aa2. U.S. Geol. Survey. Drilled unused artesian well in deposits of Pleistocene age, diam 2 in, depth 210 ft, cased to 167. Lsd not available. MP top of pipe, 0.40 ft above lsd. Highest water level 15.78 below lsd, May 17, 1949; lowest 26.04 below lsd, Oct. 2, 1963. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1961	17.49	Sept. 5, 1962	24.52	Aug. 30, 1963	25.88	Jan. 9, 1965	18.32
Mar. 2	17.40	Oct. 6	25.80	Oct. 2	26.04	Feb. 4	18.15
30	17.33	Nov. 3	19.71	Nov. 2	20.84	Mar. 10	18.16
Apr. 12	17.57	Dec. 1	18.52	Dec. 3	18.81	Apr. 1	18.09
26	17.30	Jan. 6, 1963	18.17	30	18.88	13	17.77
June 1	18.87	Feb. 2	18.02	Jan. 30, 1964	18.46	29	17.49
5	23.65	Mar. 2	17.87	Feb. 26	18.52	May 27	17.29
14	18.63	18	17.83	Mar. 30	18.44	June 23	17.39
Oct. 10	18.40	Apr. 4	17.74	May 2	25.37	July 27	23.23
Feb. 3, 1962	17.49	May 2	24.88	27	25.58	Aug. 26	23.62
Mar. 7	17.42	20	25.47	June 21	18.89	Sept. 30	24.99
May 6	20.22	24	25.53	July 26	24.77	Oct. 26	18.85
June 14	19.28	June 30	18.64	Oct. 1	21.24	Dec. 2	17.55
Aug. 8	24.60	Aug. 1	23.51	Dec. 3	18.38	30	17.43

### Custer County

462120N1054700.1. Local number A-7-47-13dd. Owner unknown. Drilled unused water-table well in Fort Union Formation, diam 4 in, depth 46 ft, cased with pipe. Lsd not available. MP top of pipe, 0.30 ft above lsd. Highest water level 31.10 below lsd, Dec. 23, 1965; lowest 43.10 below lsd, June 6, 1947. Records available: 1947-65.

Jan. 5, 1961	38.57	June 7, 1962	39.06	Sept. 17, 1963	35.81	Dec. 4, 1964	35.96
Mar. 10	39.75	July 24	37.94	Nov. 5	35.42	Jan. 6, 1965	36.15
Apr. 10	40.15	Aug. 7	37.68	Jan. 20, 1964	37.00	Feb. 3	34.76
May 8	40.41	Sept. 11	36.32	Feb. 5	37.09	Mar. 9	31.98
June 9	38.70	Oct. 1	36.64	Mar. 4	37.60	Apr. 2	36.94
July 10	37.56	Nov. 7	36.69	Apr. 8	38.34	5	37.15
Aug. 8	36.78	Jan. 8, 1963	37.85	May 6	37.85	May 7	37.90
Sept. 7	36.30	Feb. 16	38.88	June 25	36.68	June 16	37.01
Oct. 5	36.29	Mar. 4	39.27	July 10	36.39	July 14	36.08
Jan. 17, 1962	38.68	Apr. 3	39.29	Aug. 4	36.22	Sept. 7	35.00
Feb. 14	38.69	May 8	39.36	Sept. 1	36.06	Nov. 1	35.99
Mar. 13	39.43	June 7	38.00	Oct. 8	35.53	Dec. 7	36.00
Apr. 4	39.70	July 1	37.54	Nov. 4	35.41	23	31.10
May 1	39.97	Aug. 7	36.37				

Daniels County

484755N1053035.1. Local number A-35-47-12cd. State of Montana. Dug unused water-table well in Pleistocene deposits, diam 4 ft, depth 31 ft, cribbed with wood and stone. Led not available. MP top of plank cover, 1.50 ft above lsd. Highest water level 13.20 below lsd, July 28, 1953; lowest 16.24 below lsd, Jan. 2, 1964. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1961	15.06	Jan. 3, 1962	15.53	Jan. 22, 1963	15.19	Apr. 13, 1964	15.05
Feb. (j)		Feb. 8	15.40	Feb. 20	15.20	June 4	14.67
Mar. 7	15.07	Mar. 6	15.60	Mar. 6	15.45	July 14	14.33
28	14.94	Apr. 25	15.47	May 8	15.11	Aug. 5	14.50
Apr. 13	14.78	May 8	15.43	June 13	14.61	Sept. 18	14.96
May 2	14.77	25	15.34	July 11	14.56	Nov. 3	15.16
23	14.68	June 12	15.15	Sept. 9	15.05	Dec. 9	15.17
June 5	14.67	July 25	15.06	Oct. 17	15.16	Jan. 8, 1965	15.29
July 19	15.05	Aug. 21	15.11	Nov. 13	15.28	June 2	14.11
Aug. 22	15.29	Sept. 6	15.22	Dec. 9	15.30	July 21	14.20
Sept. 13	15.40	Oct. 2	15.31	Jan. 2, 1964	16.24	Aug. 12	14.48
Oct. 12	15.46	Nov. 2	15.29	Feb. 5	15.34	Oct. 5	14.55
Nov. 1	15.40	Dec. 13	15.22	Mar. 12	15.38	Dec. 15	14.73

j Ice in well.

Dawson County

471730N1043135.1. Local number A-18-56-25eb. Mrs. Bud Stevenson. Dug unused water-table well in terrace deposits, diam 30 in, depth 28 ft, cribbed with concrete. Led 2,020 ft above msl. MP top of curb, 1.10 ft above lsd (since June 12, 1962). Highest water level 22.54 below lsd, Aug. 4, 1965; lowest 25.08 below lsd, July 7, 1964. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1961	25.93	Jan. 23, 1962	25.06	Mar. 4, 1963	24.85	Aug. 4, 1964	24.96
Feb. 7	24.95	Feb. 19	25.20	May 7	25.30	Sept. 1	24.97
Mar. 8	25.01	Mar. 21	25.38	June 4	24.83	Oct. 5	25.03
20	25.71	Apr. 17	25.05	July 9	24.63	Nov. 10	24.92
Apr. 11	25.01	May 15	24.92	Aug. 5	24.63	Dec. 8	25.86
25	25.04	June 12	24.86	Sept. 4	24.66	Mar. 2, 1965	25.00
May 9	25.00	July 10	24.72	Oct. 8	24.75	30	25.64
31	25.03	Aug. 14	24.76	Nov. 13	25.12	June 2	23.77
June 27	25.07	Sept. 12	25.10	Dec. 9	24.86	July 7	22.55
July 26	25.06	Oct. 9	24.91	Jan. 14, 1964	25.55	Aug. 4	22.54
Aug. 15	25.10	Nov. 6	24.70	Feb. 5	24.92	31	22.65
Sept. 12	24.98	Dec. 4	24.71	Apr. 14	24.83	Oct. 5	22.83
19	25.29	Jan. 3, 1963	24.84	May 5	24.85	Nov. 2	22.98
Oct. 2	25.46	Feb. 5	25.09	June 2	24.92	30	23.14
Nov. 7	25.09	7	25.20	July 7	25.08		

Fergus County

465852N1094115.1. Local number A-14-16-15bb. J. J. Pospisil. Dug domestic water-table well in gravel, diam 4 ft, depth 30 ft, cribbed with concrete. Led about 4,150 ft above msl. MP top of plank cover (previously reported curb), at lsd. Highest water level 30.70 below lsd, June 28, 1964; lowest 37.52 below lsd, May 29, 1957. Records available: 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	36.44	May 29, 1962	34.62	June 26, 1963	34.64	Oct. 27, 1964	32.75
Feb. 28	35.94	June 7	34.36	July 29	34.35	Nov. 24	33.13
Apr. 1	35.30	27	32.10	Aug. 27	34.24	Dec. 29	33.36
29	35.11	July 28	33.43	Sept. 27	34.13	Jan. 26, 1965	33.55
June 1	36.76	Aug. 30	34.11	Oct. 29	34.60	Mar. 30	33.40
Aug. 1	35.44	Sept. 26	34.21	Dec. 29	34.79	Apr. 15	31.98
30	35.34	Oct. 30	32.28	Jan. 29, 1964	34.79	28	32.17
Sept. 28	35.76	Nov. 28	34.36	Feb. 27	34.84	May 27	32.52
Nov. 1	35.27	Jan. 30, 1963	34.56	Mar. 27	34.96	June 30	33.08
Jan. 31, 1962	35.50	Feb. 26	34.11	Apr. 29	34.76	Aug. 25	32.48
Feb. 26	35.77	Mar. 26	34.53	May 26	34.01	Sept. 28	32.98
Mar. 28	34.18	Apr. 29	34.74	June 28	30.70	Nov. 30	32.35
Apr. 25	34.84	May 29	34.77	Aug. 25	31.41		

Gallatin County

453930N1111058.1. Local number D-2-4-13cc. Owner unknown. Dug observation water-table well in gravel, diam 12 in, depth 10 ft, cased with tile, in irrigated bottom land. Led 4,738 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 2.54 below lsd, June 27, 1952; lowest 10.37 below lsd, Feb. 28, 1963. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1961	9.69	July 25, 1962	5.20	Aug. 27, 1963	4.46	Dec. 31, 1964	9.22
Apr. 3	9.88	Sept. 5	5.00	Oct. 9	6.81	Jan. 27, 1965	9.27
June 8	5.82	Oct. 2	6.85	Nov. 22	7.47	Feb. 24	9.43
July 22	5.73	30	6.35	Jan. 5, 1964	8.34	Mar. 27	9.80
Sept. 1	5.50	Dec. 5	8.80	29	8.64	Apr. 28	9.16
Oct. 12	6.24	Jan. 2, 1963	9.58	Feb. 26	8.93	May 27	8.48
Nov. 15	8.05	31	9.85	Mar. 27	9.14	June 15	6.96
Dec. 19	8.80	Feb. 28	10.37	Apr. 28	8.84	July 13	4.27
Jan. 30, 1962	9.69	Mar. 26	10.08	June 4	7.96	Aug. 17	3.35
Feb. 27	9.65	Apr. 25	9.42	July 21	5.47	Sept. 27	3.89
Mar. 31	7.90	May 24	8.87	Aug. 26	4.36	Oct. 26	7.03
Apr. 29	9.00	June 23	6.58	Oct. 7	7.25	Dec. 2	8.21
May 31	8.13	July 23	4.23	Nov. 18	8.71	3	8.3
June 26	7.04						

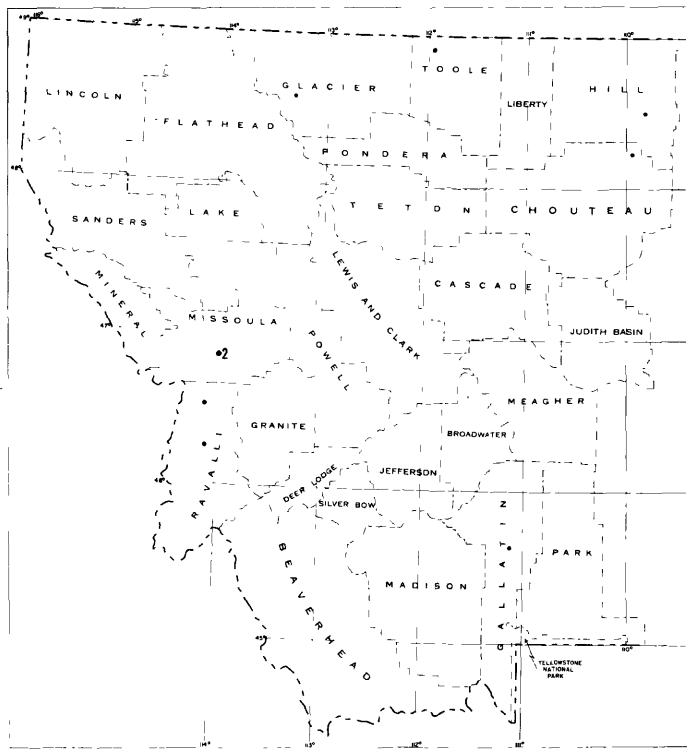
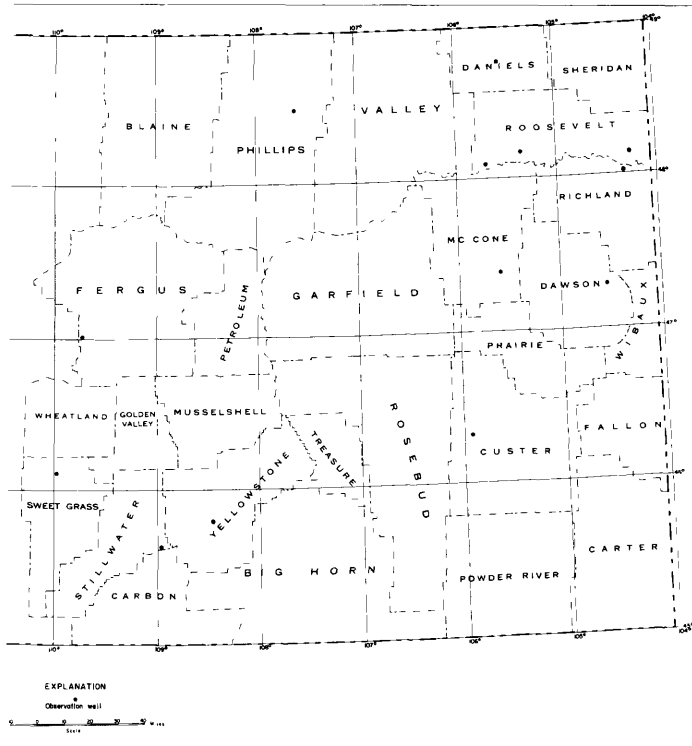


Figure 5. --Location of observation



wells in Montana, 1961-65.



Glacier County

483335N1130038.1. Local number B-32-11-3dd. U. S. Bureau of Indian Affairs. Dug unused water-table well in Pleistocene deposits, diam 24 in, depth 9 ft, cased with concrete. Lsd not available. MP top of concrete curb, 0.30 ft abo  $\frac{1}{2}$  lsd. Highest water level 0.00, Mar. 19, 1951, Mar. 4, 1952, Apr. 5, 1954, Feb. 26, 1957, Apr. 30, 1960; lowest 3.79 below lsd, Dec. 27, 1963. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1961	2.00	July 11, 1962	2.77	Sept. 30, 1963	3.46	Oct. 29, 1964	2.42
31	2.85	Aug. 3	2.84	Oct. 19	3.31	Nov. 16	2.69
Mar. 29	1.04	15	3.28	31	3.21	Dec. 1	2.76
Apr. 17	1.51	31	3.45	Nov. 19	2.97	31	3.32
29	.83	Sept. 10	3.17	Dec. 2	2.84	Jan. 11, 1965	3.42
June 13	2.69	Oct. 4	3.09	21	3.06	Feb. 25	1.24
28	2.95	Nov. 1	2.88	27	3.79	Mar. 29	1.77
July 11	2.75	13	3.10	Jan. 28, 1964	2.72	Apr. 10	.41
Aug. 14	3.06	30	2.95	Feb. 16	2.32	28	.64
Sept. 18	2.85	Dec. 28	3.18	28	2.14	May 25	1.37
28	2.60	Jan. 18, 1963	2.05	Mar. 31	1.53	June 1	1.67
Oct. 17	2.22	30	2.29	Apr. 9	.67	16	.30
Jan. 3, 1962	1.68	Feb. 5	1.19	14	1.41	27	.77
30	1.55	26	.97	20	1.00	July 31	2.65
Feb. 13	1.35	28	1.01	28	1.08	Aug. 28	2.83
Mar. 21	1.23	Mar. 28	.93	May 15	1.41	Sept. 29	2.05
28	1.10	Apr. 15	1.45	31	.94	Oct. 18	2.52
Apr. 17	.71	May 29	1.54	June 16	.25	28	2.89
30	1.30	May 25	2.32	July 22	1.83	Nov. 4	2.88
May 15	.62	June 10	1.91	Aug. 1	2.97	30	2.62
29	1.81	27	2.45	Sept. 14	2.80	Dec. 18	2.77
July 3	2.57	July 29	2.70	30	2.70	29	3.10

Hill County

483138N1094810.1. Local number A-32-15-17dd. U.S. Geol. Survey. Drilled unused artesian well in deposits of Pleistocene age, diam 2 in, depth 180 ft, cased to 152. Lsd 2,580 ft above msl. MP top of casing, 0.20 ft above lsd. Highest water level 39.92 below lsd, Feb. 4, 1965; lowest 52.56 below lsd, June 18, 1947. Records available: 1947-65.

Feb. 2, 1961	41.13	Oct. 6, 1962	41.68	Oct. 2, 1963	41.99	Jan. 10, 1965	40.97
Mar. 2	41.02	Nov. 3	41.70	Nov. 2	42.24	Feb. 4	39.92
30	41.03	Dec. 1	41.64	Dec. 3	41.49	Mar. 11	40.89
Apr. 12	41.03	Jan. 6, 1963	41.62	30	42.28	31	40.68
26	41.02	Feb. 2	41.54	Jan. 29, 1964	41.08	Apr. 13	40.60
June 14	41.12	Mar. 2	41.34	Feb. 27	41.81	29	40.58
Aug. 2	41.50	16	41.33	Mar. 30	41.88	May 27	40.46
Oct. 10	41.80	Apr. 4	41.29	Apr. 30	41.67	June 24	40.46
Feb. 3, 1962	41.63	May 2	41.24	May 27	41.53	July 29	40.42
Mar. 7	41.54	20	41.24	June 21	40.91	Aug. 26	40.54
May 5	41.37	24	41.27	July 26	41.31	Sept. 30	40.56
June 17	41.37	June 30	41.36	Oct. 8	41.27	Oct. 27	40.75
Aug. 8	41.5	Aug. 1	41.50	24	41.16	Dec. 2	40.52
Sept. 5	41.60	30	41.75	Dec. 3	41.19	30	40.45

McCone County

472515N1053420.1. Local number A-19-48-11bc. City of Circle. Drilled unused water-table well in alluvial deposits, diam 12 in, depth 53 ft, cased with steel pipe. Lsd not available. MP top of plywood cover (previously reported casing), 2.20 ft above lsd. Highest water level 27.25 below lsd, Oct. 11, 1954; lowest 32.42 below lsd, Jan. 22, 1962. Records available: 1954-65.

Jan. 5, 1961	31.31	Apr. 4, 1962	31.16	July 9, 1963	30.27	Oct. 6, 1964	31.09
Feb. 2	31.30	May 15	31.22	Aug. 1	30.78	Nov. 10	31.18
Mar. 2	31.25	June 12	30.55	Sept. 1	31.03	Dec. 8	31.24
30	31.21	July 10	30.89	Oct. 1	31.17	Jan. 5, 1965	31.17
Apr. 12	31.19	Aug. 14	30.76	Nov. 13	31.18	Feb. 2	31.30
25	31.98	Sept. 12	31.06	Dec. 10	31.24	Mar. 2	31.31
May 17	31.22	Oct. 9	31.16	Jan. 14, 1964	31.26	30	31.08
June 13	31.29	Nov. 6	31.21	Feb. 5	31.26	May 5	30.29
July 18	31.55	Dec. 4	31.23	Mar. 3	31.10	June 8	29.38
Aug. 15	31.70	Jan. 3, 1963	31.24	Apr. 15	31.16	July 15	30.34
Oct. 31	31.49	Feb. 7	31.58	May 4	31.08	Aug. 5	30.71
Nov. 14	31.48	Mar. 4	30.44	June 2	31.19	31	30.91
Jan. 22, 1962	32.42	19	30.60	July 6	30.25	Oct. 11	31.10
Feb. 19	31.36	Apr. 1	30.71	Aug. 4	30.56	Nov. 2	31.10
Mar. 7	31.32	May 8	30.68	Sept. 1	30.92	30	31.14
Apr. 3	31.02	June 4	30.88				

Missoula County

465225N1140052.1. Local number B-13-19-22bc1. Woolworth Building (in basement). Missoula. Drilled observation water-table well in alluvium, diam 6 in, depth 84 ft, cased with pipe. Lsd 3,189 ft above msl. MP top of casing, 10.00 ft below lsd. Highest water level 36.05 below lsd, June 20, 1964; lowest 52.86 below lsd, Mar. 20, 1962. Records available: 1962-65.

465225N1140052.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1962	52.19	Jan. 20, 1963	50.06	Dec. 20, 1963	50.17	Feb. 23, 1965	50.00
Feb. 1	52.12	Feb. 20	49.30	Jan. 20, 1964	51.17	Mar. 22	50.10
Mar. 20	52.86	Mar. 20	49.01	Feb. 20	52.02	Apr. 24	46.85
Apr. 20	48.35	Apr. 20	47.31	Mar. 20	52.28	May 28	40.70
May 20	41.74	May 20	43.45	Apr. 20	51.36	June 25	37.20
June 11	38.71	June 20	38.68	May 20	45.35	July 24	40.50
July 20	39.75	July 20	41.03	June 20	36.05	Aug. 21	42.27
Aug. 20	41.61	Aug. 20	42.85	July 20	39.20	Sept. 25	44.56
Sept. 20	44.30	Sept. 20	44.33	Aug. 20	41.85	Oct. 22	46.20
Oct. 20	46.56	Oct. 20	46.23	Dec. 28	49.45	Nov. 22	48.28
Nov. 20	48.97	Nov. 20	48.81	Jan. 25, 1965	49.73	Dec. 20	49.56
Dec. 20	49.25						

465313N1140525.1. Local number B-13-20-14ac. Mr. Stahl. Twenty ft south of County rd right-of-way fence. Drilled observation water-table well in alluvium underlying river terrace, diam 6 in, depth 36 ft, cased with pipe. Lsd 3,145 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 8.68 below lsd, July 1, 1959; lowest 21.14 below lsd, May 1, 1961.

Records available: 1959-65.

Apr. 21, 1959	19.60	Jan. 1, 1961	18.50	Oct. 3, 1962	12.13	May 29, 1964	18.70
May 1	19.76	Feb. 2	19.68	Nov. 5	15.59	June 29	11.10
June 1	16.82	Mar. 1	20.01	Dec. 1	16.63	July 31	11.82
July 1	8.68	Apr. 1	20.68	Jan. 1, 1963	18.04	Aug. 21	11.90
Aug. 1	9.33	May 1	21.14	Feb. 4	19.23	Sept. 25	12.50
Sept. 1	9.78	June 1	18.71	Mar. 1	19.38	Oct. 26	14.58
Oct. 1	11.19	July 1	11.82	Apr. 1	19.83	Nov. 23	16.53
Nov. 1	14.75	Aug. 1	10.53	May 1	20.05	Dec. 28	17.90
Dec. 1	16.13	Sept. 1	9.55	June 1	15.05	Jan. 23, 1965	18.93
Jan. 1, 1960	17.44	Oct. 5	12.35	July 1	13.92	Feb. 23	19.55
Feb. 1	18.43	Nov. 6	15.27	30	12.25	Mar. 22	19.46
Mar. 1	19.23	Dec. 7	17.24	Sept. 6	10.68	Apr. 24	18.70
Apr. 1	19.26	Jan. 1, 1962	18.31	Oct. 7	13.87	May 28	14.80
May 1	18.50	Feb. 1	19.52	31	15.44	June 25	12.00
June 1	17.35	Mar. 1	19.58	Nov. 26	16.82	July 24	12.44
July 1	12.55	Apr. 2	19.36	Dec. 30	18.56	Aug. 21	11.70
Aug. 1	10.66	May 1	17.76	Jan. 29, 1964	19.56	Sept. 25	13.42
Sept. 1	10.64	June 1	16.18	Feb. 24	17.21	Oct. 22	14.70
Oct. 1	11.16	July 1	13.63	Mar. 27	20.69	Nov. 22	15.60
Nov. 9	15.62	Aug. 1	10.79	Apr. 27	21.05	Dec. 20	17.26
Dec. 1	16.65	Sept. 1	10.53				

## Phillips County

482732N1072012.1. Local number A-31-34-8ca. W. D. Miller. Drilled unused water-table well in gravel, diam 5 in, depth 15 ft, cased with steel. Lsd not available. MP top of casing, 1.70 ft above lsd. Highest water level 0.40 below lsd, July 18, 1963; lowest 6.90 below lsd, Mar. 11, 1953. Records available: 1947-65.

Jan. 13, 1961	6.13	Apr. 20, 1962	6.75	July 18, 1963	10.40	Sept. 11, 1964	4.21
Feb. 9	6.40	May 24	6.23	Aug. 7	2.77	Oct. 22	4.24
Mar. 9	6.56	June 19	5.12	Sept. 9	3.73	Nov. 12	4.48
Apr. 3	6.66	July 24	4.74	Oct. 7	4.08	Dec. 22	4.95
17	6.73	Aug. 14	4.17	Nov. 6	4.38	Jan. 22, 1965	5.31
May 8	6.64	Sept. 12	4.36	Dec. 2	4.73	Feb. 17	5.72
June 6	6.05	Oct. 10	4.74	Jan. 8, 1964	4.92	Mar. 19	6.17
July 10	5.43	Nov. 9	5.89	Feb. 3	5.52	Apr. 21	5.17
Aug. 14	4.94	Dec. 7	5.03	Mar. 5	5.90	May 27	3.66
Sept. 13	4.96	Jan. 18, 1963	6.47	Apr. 8	6.25	June 24	3.58
Oct. 18	5.44	Feb. 21	6.69	May 13	5.96	July 22	3.67
Nov. 16	5.72	Mar. 14	5.51	June 2	5.36	Aug. 16	3.82
Jan. 17, 1962	6.40	May 17	5.52	July 15	4.56	Oct. 26	4.20
Feb. 21	6.69	June 5	5.27	Aug. 4	4.40	Dec. 17	4.69
Mar. 15	6.86						

j Heavy rain in area.

## Ravalli County

461528N1140920.1. Local number B-6-20-19cc. Ravalli County Fairgrounds. Dug irrigation water-table well in flood-plain alluvium, diam 4 ft, depth 20 ft,  $\frac{3}{4}$ -in pipe driven inside dug well. Lsd 3,559 ft above msl. MP top of  $\frac{3}{4}$ -in pipe, 0.60 ft above lsd. Highest water level 3.14 below lsd, June 24, 1960; lowest 16.01 below lsd, Apr. 28, 1964. Records available: 1956-65.

May 7, 1956	11.66	Sept. 12, 1957	6.33	Dec. 26, 1958	11.78	Mar. 25, 1960	14.97
June 5	6.19	Oct. 2	7.67	Jan. 30, 1959	12.96	Apr. 29	15.10
July 5	5.73	Nov. 6	11.13	Feb. 27	13.75	May 27	9.81
Aug. 10	4.64	Dec. 3	12.32	Mar. 27	14.17	June 24	3.14
28	4.90	Jan. 6, 1958	13.46	Apr. 24	14.33	July 15	4.27
Oct. 3	7.45	Feb. 11	14.55	May 29	7.52	Aug. 26	4.37
Nov. 6	10.88	Mar. 3	14.95	June 26	4.49	Sept. 30	6.90
Dec. 5	12.33	Apr. 3	15.47	July 23	3.91	Oct. 28	8.90
Jan. 3, 1957	13.60	May 30	8.61	Aug. 28	4.49	Nov. 25	10.38
Feb. 6	14.11	June 28	5.77	Sept. 25	7.49	Dec. 16	11.83
Apr. 8	14.93	July 25	5.90	Oct. 29	10.99	Feb. 6, 1961	13.43
May 2	15.51	Aug. 29	4.83	Nov. 27	12.03	Mar. 31	14.26
June 3	8.33	Sept. 26	5.22	Dec. 31	12.57	May 2	14.42
July 3	4.60	Oct. 31	9.25	Jan. 29, 1960	13.73	June 2	5.07
Aug. 13	5.71	Nov. 28	10.41	Feb. 26	14.53	Aug. 10	4.46

461528N1140920.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 1, 1961	5.43	Jan. 28, 1963	12.80	Oct. 22, 1963	8.63	Oct. 21, 1964	8.53
Oct. 30	10.65	Mar. 4	13.30	Nov. 5	9.90	Nov. 3	11.05
Dec. 1	11.83	Apr. 3	14.20	18	10.90	Jan. 6 1965	11.47
Jan. 31, 1962	13.44	12	14.34	Dec. 2	11.65	Feb. 4	12.24
Mar. 2	14.33	May 6	12.45	31	12.84	24	12.64
Apr. 2	14.91	June 5	5.20	Feb. 27, 1964	14.27	Mar. 30	13.51
May 2	13.64	14	as.82	Mar. 13	14.85	Apr. 27	14.21
June 4	5.67	25	4.24	Apr. 1	15.38	May 27	6.41
July 2	3.82	July 16	6.17	28	16.01	June 30	3.84
30	3.40	30	4.78	May 21	12.58	Aug. 4	4.18
Aug. 27	4.38	Aug. 13	5.05	July 1	4.78	Sept. 1	4.77
Sept. 24	5.84	26	4.30	22	4.30	29	7.48
Oct. 1	6.43	Sept. 9	4.90	Aug. 25	4.04	Oct. 27	10.07
Nov. 5	9.85	24	6.10	Sept. 29	7.17	Nov. 29	11.17
Dec. 31	11.76	Oct. 7	7.76				

a Well being pumped.

463135N1140642.1. Local number B-9-20-21ad1. Mr. Shea. 20 ft east of highway right-of-way fence. Drilled observation water-table well in alluvium underlying river terrace, diam 4 in, depth 32 ft, cased with pipe. Lsd 3,308 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 2.95 below lsd, June 29, 1964; lowest 27.99 below lsd, Apr. 1, 1961. Records available: 1955-65.

Sept. 28, 1955	9.63	May 1, 1958	18.84	Dec. 1, 1960	18.86	Sept. 6, 1963	8.40
Dec. 1	21.34	June 1	5.08	Jan. 1, 1961	21.75	Oct. 4	7.50
Jan. 5, 1956	18.84	July 1	6.37	Feb. 6	25.20	Nov. 4	7.66
Feb. 1	20.50	Aug. 1	7.71	Mar. 3	26.42	26	9.90
Mar. 1	22.81	Sept. 1	8.37	Apr. 1	27.99	Dec. 30	18.15
Apr. 1	19.69	Oct. 1	9.67	May 1	24.10	Jan. 28 1964	23.59
May 8	18.89	Nov. 1	13.88	June 2	7.49	Feb. 26	26.15
June 7	3.19	Dec. 1	17.39	July 5	5.29	Mar. 27	25.40
July 1	4.53	Jan. 1, 1959	20.86	Aug. 4	7.69	Apr. 26	24.08
Aug. 1	8.53	Feb. 1	21.92	Sept. 2	9.96	May 21	21.02
Sept. 1	10.00	Mar. 1	23.84	Oct. 1	9.90	June 29	2.95
Oct. 1	12.21	Apr. 1	23.65	Nov. 7	14.57	July 23	6.32
Nov. 1	13.22	May 1	23.35	Dec. 1	18.59	Aug. 25	5.69
Dec. 1	17.63	June 1	17.12	Jan. 2, 1962	23.45	Sept. 29	7.86
Jan. 1, 1957	22.50	July 1	3.92	Feb. 1	24.84	Oct. 22	9.83
Feb. 2	25.35	Aug. 1	7.48	Mar. 2	24.86	Nov. 25	13.68
Mar. 1	25.44	Sept. 1	10.80	Apr. 2	25.45	Dec. 28	14.45
Apr. 1	25.25	Oct. 1	11.05	May 2	25.50	Jan. 29, 1965	17.30
May 1	22.45	Nov. 1	13.79	June 4	4.01	Feb. 24	16.70
June 1	4.84	Dec. 1	17.56	Aug. 1	9.65	Mar. 28	18.58
July 1	5.12	Jan. 1, 1960	20.11	Sept. 1	8.76	Apr. 22	18.73
Aug. 1	10.65	Feb. 1	23.32	Oct. 1	7.57	May 26	6.88
Sept. 5	10.71	Mar. 1	24.77	Nov. 5	7.88	June 28	2.99
Oct. 1	12.77	Apr. 1	23.75	Dec. 3	11.20	July 31	8.58
Nov. 1	7.03	May 1	21.63	Jan. 1, 1963	15.57	Aug. 30	6.17
Dec. 2	11.87	July 1	5.53	Mar. 4	20.43	Sept. 28	6.78
Jan. 1, 1958	19.31	Aug. 1	4.57	Apr. 3	20.60	Oct. 27	14.32
Feb. 1	22.21	Sept. 1	9.66	May 3	15.00	Nov. 28	20.21
Mar. 1	23.27	Oct. 1	11.67	June 3	9.25	Dec. 20	22.77
Apr. 1	23.83	Nov. 1	15.63	July 1	4.38		

## Richland County

480713N1042850.1. Local number A-27-56-3cca. U.S. Geol. Survey. Drilled observation water-table well in alluvial deposits of Pleistocene age, diam 1½ in, depth 75 ft, cased to 75, finished with continuous-slot screen. Lsd 1,902.3 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 9.21 below lsd, May 28, 1965; lowest 13.93 below lsd, Nov. 18, 1963. Records available: 1963-65.

Sept. 12, 1963	13.56	May 6, 1964	12.60	Jan. 25, 1965	10.62	July 20, 1965	9.50
Nov. 12	13.85	July 21	13.34	Feb. 24	9.75	Aug. 24	10.42
18	13.93	Aug. 11	13.65	Mar. 22	9.50	Sept. 27	10.24
Jan. 20, 1964	11.52	Oct. 20	13.41	Apr. 27	9.24	Oct. 25	10.33
Feb. 10	10.60	Nov. 24	13.51	May 28	9.21	Nov. 23	10.09
Mar. 9	10.64	Dec. 28	12.12	June 22	9.70	Dec. 21	10.32
Apr. 7	11.66						

## Roosevelt County

480341N1054428.1. Local number A-27-46-2ddcc. U.S. Geol. Survey. Drilled observation water-table well in alluvial deposits of Pleistocene age, diam 1½ in, depth 65 ft, cased to 65, finished with continuous-slot screen. Lsd 1,993.7 ft above msl. MP top of casing, 3.30 ft above lsd. Highest water level 10.79 below lsd, Oct. 20, 1964; lowest 12.73 below lsd, May 11, 1964. Records available: 1963-65. Well destroyed Aug. 1965; measurement discontinued.

Oct. 8, 1963	11.79	Jan. 20, 1964	12.29	Aug. 3, 1964	11.48	Mar. 23, 1965	11.96
10	11.74	Feb. 10	12.43	Oct. 20	10.79	Apr. 27	11.70
21	11.78	Mar. 10	12.52	Nov. 24	12.18	May 28	11.45
22	11.21	Apr. 7	12.62	Dec. 29	11.62	June 22	11.44
23	11.74	May 11	12.73	Jan. 26, 1965	11.76	July 20	11.44
Nov. 18	12.07	June 1	12.31	Feb. 19	11.74		

480805N1052025.1. Local number A-28-49-36cha. U.S. Geol. Survey. Drilled observation water-table well in alluvial deposits of Pleistocene age, diam 1½ in, depth 52 ft, cased to 52, finished with continuous-slot screen. Lsd 1,972.5 ft above msl. MP top of casing, 2.50 ft above lsd. Highest water level 20.62 below lsd, May 28, 1965; lowest 22.36 below lsd, Oct. 20, 1964. Records available: 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 15, 1963	21.87	June 10, 1964	21.32	Jan. 27, 1965	21.91	July 20, 1965	21.58
18	21.90	July 13	21.44	Feb. 24	21.77	Aug. 24	21.80
Jan. 20, 1964	20.83	Aug. 11	22.04	Mar. 22	21.70	Sept. 28	21.71
Feb. 10	20.67	Sept. 14	22.35	Apr. 27	21.38	Oct. 25	21.67
Mar. 10	20.94	Oct. 20	22.36	May 28	20.62	Nov. 22	21.51
Apr. 7	20.74	Nov. 24	22.27	June 22	21.67	Dec. 21	21.33
May 6	20.78	Dec. 28	22.07				

480840N1042140.1. Local number A-28-57-28dd. Abandoned school. Drilled unused water-table well in alluvium, diam 5 in, depth 29 ft, cased with steel pipe. Lsd not available. MP top of platform, 0.20 ft above lsd. Highest water level 21.09 below lsd, Dec. 21, 1965; lowest 27.52 below lsd, Apr. 25, 1946, Nov. 19, 1957. Records available: 1946-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	24.05	June 20, 1962	24.08	Oct. 21, 1963	23.56	Nov. 24, 1964	22.74
Feb. 14	24.01	July 9	24.13	Nov. 5	23.70	Dec. 28	23.09
Mar. 16	23.82	Aug. 29	24.44	12	24.17	Jan. 25, 1965	23.16
May 1	23.84	Oct. 1	24.55	Dec. 31	23.41	Feb. 24	23.20
June 1	23.79	Nov. 6	24.50	Jan. 28, 1964	23.10	Mar. 22	23.44
July 18	23.94	Dec. 3	24.35	Feb. 18	24.12	Apr. 27	22.82
Aug. 28	23.81	Jan. 2, 1963	24.32	Mar. 17	24.21	May 28	22.07
Sept. 11	23.99	30	24.19	Apr. 20	23.66	June 22	21.62
Oct. 9	23.65	Feb. 19	24.55	May 11	24.13	July 20	21.26
Nov. 6	23.99	Mar. 18	24.46	June 10	23.95	Aug. 24	21.32
Jan. 30, 1962	24.19	Apr. 2	24.47	July 14	22.94	Sept. 28	21.32
Feb. 28	24.33	May 20	24.41	Aug. 11	23.43	Oct. 25	22.46
Apr. 5	24.08	July 1	24.48	Sept. 21	23.28	Nov. 23	21.12
30	24.08	Aug. 2	24.25	Oct. 22	23.01	Dec. 21	21.09
May 14	24.14	Sept. 24	23.95				

#### Stillwater County

453801N1085504.1. Local number D-2-23-29bd (previously reported 29ba). Alvin Southworth. Drilled domestic water-table well in gravel, diam 6 in, depth 24 ft, cased with steel pipe. Lsd about 3,399 ft above msl. MP top of casing, 0.25 ft above lsd. Highest water level 2.73 below lsd, Sept. 23, 1949; lowest 12.93 below lsd, June 20, 1957. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1961	8.56	May 31, 1962	10.74	Dec. 27, 1963	8.00	Dec. 28, 1964	8.19
Feb. 11	9.52	June 25	10.30	Jan. 27, 1964	9.22	Jan. 20, 1965	9.02
Mar. 11	10.31	Aug. 1	6.51	Feb. 24	10.12	Feb. 18	9.99
27	10.75	31	5.85	Mar. 26	11.01	Mar. 30	11.25
Apr. 9	10.93	Sept. 24	6.09	Apr. 27	11.73	Apr. 29	11.81
May 10	10.64	Nov. 2	6.66	May 25	12.19	May 26	12.00
June 5	9.52	Dec. 26	8.64	June 14	12.23	June 28	10.73
July 13	5.63	Mar. 1, 1963	10.75	30	10.11	July 29	7.38
Aug. 28	4.05	26	11.93	July 27	7.22	Aug. 23	5.79
Sept. 26	3.80	May 27	11.55	Aug. 24	5.76	Sept. 20	6.25
Nov. 2	5.83	June 24	9.59	Sept. 24	4.67	Oct. 18	6.90
27	7.22	Aug. 1	6.08	Oct. 27	5.57	21	6.98
Mar. 27, 1962	10.91	Sept. 24	4.60	Nov. 22	6.92	Nov. 16	7.65
Apr. 27	11.67	Oct. 31	5.35				

#### Sweet Grass County

460610N1095655.1. Local number A-4-14-14ba. Spike Van Cleave. Dug domestic water-table well in valley fill, diam 30 in, depth 16 ft, cribbed with stone. Lsd not available. MP top of concrete curb, 1.20 ft above lsd (since April 1965). Highest water level 3.58 below lsd, June 13, July 28, 1964; lowest 15.19 below lsd, Mar. 25, 1962. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1961	14.76	May 30, 1962	4.77	Oct. 31, 1963	12.75	Nov. 22, 1964	13.12
Mar. 2	14.63	June 26	10.02	Nov. 27	10.61	Dec. 23	13.69
28	12.74	Aug. 1	6.03	Dec. 30	13.51	Jan. 20, 1965	13.84
Apr. 28	12.51	30	9.56	Jan. 30, 1964	14.06	Feb. 17	14.23
May 25	11.45	Sept. 25	12.28	Feb. 27	14.36	Mar. 31	14.46
June 27	7.26	Nov. 1	13.62	Mar. 26	14.53	Apr. 13	11.56
July 26	9.41	26	12.94	Apr. 28	14.13	May 13	10.19
Aug. 29	10.52	Dec. 27	13.58	May 26	5.87	June 26	6.50
Sept. 27	10.44	Mar. 1, 1963	14.22	June 13	3.58	July 29	8.65
Nov. 1	10.53	27	14.47	28	4.87	Aug. 24	6.02
Jan. 5, 1962	13.56	May 28	13.84	July 28	3.58	Sept. 20	8.77
Feb. 2	13.63	June 25	4.28	Aug. 25	6.00	Oct. 16	9.69
Mar. 1	14.11	July 31	5.41	Sept. 27	11.15	Nov. 17	12.85
28	15.19	Sept. 25	10.44	Oct. 23	10.48	Dec. 23	13.58
Apr. 25	14.06						

#### Toole County

485311N1115409.1. Local number B-36-2-8cc. Cloyd Hannon. Dug domestic and stock water-table well in Pleistocene gravel, diam 4 ft, depth 17 ft, cribbed with wood, 1½-in pipe driven inside dug well. Lsd not available. MP top of 1½-in pipe, (previously reported top of platform), 1.00 ft above lsd. Highest water level 1.43 below lsd, June 6, 1953; lowest 10.89 below lsd, Dec. 18, 1961. Records available: 1947-65.

485311N1115409, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1961	9.21	July 14, 1962	6.07	Oct. 18, 1963	7.74	Nov. 19, 1964	8.29
Feb. 27	9.26	Sept. 15	8.06	Nov. 22	8.35	Jan. 12, 1965	8.80
Apr. 20	9.28	Oct. 4	8.46	Dec. 16	8.67	Feb. 20	6.22
June 19	8.56	Nov. 16	9.08	Feb. 10, 1964	9.01	Apr. 1	3.80
Aug. 19	9.73	Jan. 15, 1963	9.56	Apr. 24	5.11	June 12	3.52
Sept. 22	10.21	Feb. 6	8.35	May 6	2.17	July 17	2.21
Oct. 21	10.51	Apr. 19	5.54	11	2.33	Sept. 3	4.84
Dec. 18	10.89	June 16	7.23	June 8	3.46	Oct. 22	5.43
Feb. 16, 1962	7.59	Aug. 12	6.09	July 19	4.80	Nov. 1	5.52
May 19	5.56	25	6.53	Sept. 19	7.45	Dec. 14	5.87

Yellowstone County

454611N1083157, 1. Local number D1-26-9bbb, U.S. Geol. Survey. Augured observation water-table well in terrace deposits, diam  $\frac{3}{4}$  in, depth 15 ft, cased with steel. Lsd 3,147 ft above msl, MP top of casing, 0.90 ft above lsd. Highest water level 10.49 below lsd, May 23, 1962; lowest 13.43 below lsd, Mar. 13, 1963. Records available: 1962-65.

May 11, 1962	11.33	May 8, 1963	13.23	Apr. 20, 1964	11.93	July 12, 1965	12.34
23	10.48	23	12.79	May 11	11.77	19	12.18
June 8	10.92	June 7	12.54	23	12.27	26	12.02
25	11.28	24	12.55	June 8	12.07	Aug. 2	11.92
July 9	10.73	July 8	12.57	22	11.30	10	11.82
25	10.97	25	11.91	July 7	11.54	16	11.93
Aug. 8	11.22	Aug. 16	11.69	23	11.71	26	11.30
24	11.49	23	11.58	Aug. 9	11.69	27	11.37
Sept. 7	12.20	Sept. 11	11.90	24	11.68	31	11.59
26	12.62	23	12.10	Sept. 25	11.98	Sept. 7	11.52
Oct. 8	12.74	Oct. 7	12.40	Oct. 26	12.30	20	11.62
26	12.90	22	12.48	Nov. 23	12.57	27	11.37
Nov. 7	13.02	Nov. 7	12.42	Dec. 28	12.80	Oct. 16	12.33
26	13.19	21	12.62	May 5, 1965	13.29	27	12.46
Dec. 13	13.29	Dec. 5	12.78	7	12.34	Nov. 1	12.49
20	13.31	24	12.94	10	13.08	12	12.55
Jan. 21, 1963	13.38	Jan. 6, 1964	12.98	17	13.19	15	12.64
Feb. 8	13.18	20	13.06	24	12.81	23	12.70
27	13.40	Feb. 10	13.17	June 2	12.82	29	12.67
Mar. 13	13.43	24	13.22	7	12.75	Dec. 8	11.30
22	13.33	Mar. 9	13.27	14	12.54	17	12.83
Apr. 8	13.34	23	13.32	21	12.54	30	12.92
23	13.34	Apr. 6	13.16				

# OREGON

The observation-well program in Oregon, begun in 1928, was continued through 1965 in cooperation with the Oregon State Engineer. During the period 1962-65, the number of wells in the observation-well network was increased from 102 to more than 800. Two of the wells are equipped with continuous water-level recording gages and two with nonrecording water-level gages. The rest are measured periodically by personnel of the State Engineer's office. Measurements are made in most of the wells three or four times a year to obtain records of the effects of pumping and seasonal changes in ground-water storage. The measurements are generally made in winter and spring before pumping begins, during the pumping season, and at the end of the pumping season. Water-level measurements in 131 representative wells in the Oregon observation-well network are included in this report; the locations of these wells are shown in figure 6.

## Well-Numbering System

Wells are designated by symbols that indicate their location according to the rectangular system of land division. For example, in the symbol 7/39-20N1, the part preceding the hyphen indicates respectively the township and range (T. 7 S., R. 39 E.) south and east of the Willamette base line and meridian. Because most of the State lies south of the Willamette base line and east of the Willamette meridian, letters indicating the directions south and east are omitted, but letters "W" and "N" are included for wells lying west of the meridian and north of the base line. The first number after the hyphen indicates the section (sec. 20), and the letter (N) indicates a 40-acre subdivision of the section. The final digit is a serial number of the well within that 40-acre tract. Thus, well 7/39-20N1 is in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 20, T. 7 S., R. 39 E., and is the first well in the tract to be listed.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

### Baker County

445620N1175815.1. Local number 7/39-20N1. City of Baker. Dug observation water-table well in alluvium, size 18 × 18 in, depth 9 ft, cribbed with wood to bottom, perforated 12-in steel casing 3-7. Lsd 3,373.8 ft above msl. MP top of 1 $\frac{1}{4}$ -in casing, 2.95 ft above lsd. Highest water level 0.32 above lsd, Feb. 17, 1965; lowest dry, Sept. 18, 1955, Sept. 26, 1956, Sept. 23, 1957. Records available: 1936, 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	-4.32	Aug. 8, 1962	-3.12	Aug. 7, 1963	-4.03	Feb. 17, 1965	+0.32
Mar. 30	2.91	Sept. 25	5.48	Nov. 6	6.16	May 5	-.90
Sept. 12	6.33	Nov. 15	1.13	May 6, 1964	2.44	Aug. 11	3.05
Jan. 4, 1962	5.15	Feb. 6, 1963	.04	Aug. 11	3.64	Nov. 17	3.72
Apr. 17	1.70	May 8	.67	Nov. 18	-3.77		

445125N1175515.1. Local number 8/39-22F1. Baker County. Dug observation water-table well in alluvium, size 18 × 18 in, depth 11 ft, cribbed with wood to 9, perforated 12-in steel casing 7-11. Lsd 3,385.78 ft above msl. MP top of 1 $\frac{1}{4}$ -in pipe, 0.50 ft above lsd. Highest water level 2.52 below lsd, Mar. 19, 1957; lowest 9.87 below lsd, Sept. 29, 1939. Records available: 1936, 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	3.85	Aug. 8, 1962	5.15	Aug. 7, 1963	4.59	Feb. 17, 1965	2.72
Mar. 30	3.20	Sept. 25	5.80	Nov. 6	4.66	May 5	3.25
Sept. 12	7.12	Nov. 5	4.83	May 6, 1964	3.49	Aug. 11	3.75
Jan. 4, 1962	5.49	Feb. 6, 1963	3.42	Aug. 11	3.89	Nov. 17	2.98
Apr. 17	4.03	May 8	3.32	Nov. 18	3.91		

445145N1175212.1. Local number 8/40-19D1. Baker County. Dug observation water-table well in alluvium, size 18 × 18 in, depth 9 ft, cribbed with wood to bottom, perforated 12-in steel casing 3-7. Lsd 3,341.95 ft above msl. MP top of 1 $\frac{1}{4}$ -in pipe, 0.77 ft above lsd. Highest water level 0.74 below lsd, June 14, 1941; lowest 7.20 below lsd, Oct. 27, 1950. Records available: 1936, 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	5.50	Aug. 8, 1962	5.29	Aug. 7, 1963	4.77	Feb. 17, 1965	0.99
Mar. 30	2.99	Sept. 26	6.59	Nov. 11	6.09	May 5	1.90
Sept. 12	6.69	Nov. 15	5.95	May 6, 1964	1.97	Aug. 11	5.11
Jan. 4, 1962	6.01	Feb. 6, 1963	.99	Aug. 11	4.91	Nov. 17	5.36
Apr. 17	2.98	May 8	1.33	Nov. 18	5.89		

445145N1174620.1. Local number 8/40-23A1. Baker County. Driven observation water-table well in alluvium, diam 1 $\frac{1}{4}$  in, depth 8 ft, screened 6-8. Lsd 3,347.28 ft above msl. MP top of 1 $\frac{1}{4}$ -in pipe, 0.20 ft above lsd. Highest water level 0.00, June 22, 1952; lowest 5.90 below lsd, Dec. 8, 1939. Records available: 1936, 1938-47, 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	3.57	Aug. 8, 1962	4.11	Aug. 7, 1963	4.06	Feb. 17, 1965	0.17
Mar. 30	3.06	Sept. 26	4.21	Nov. 6	3.77	May 5	1.39
Sept. 12	4.59	Nov. 15	3.68	May 6, 1964	2.97	Aug. 11	3.76
Jan. 4, 1962	3.66	Feb. 6, 1963	1.56	Aug. 11	3.52	Nov. 17	3.20
Apr. 17	1.13	May 8	1.97	Nov. 18	3.46		

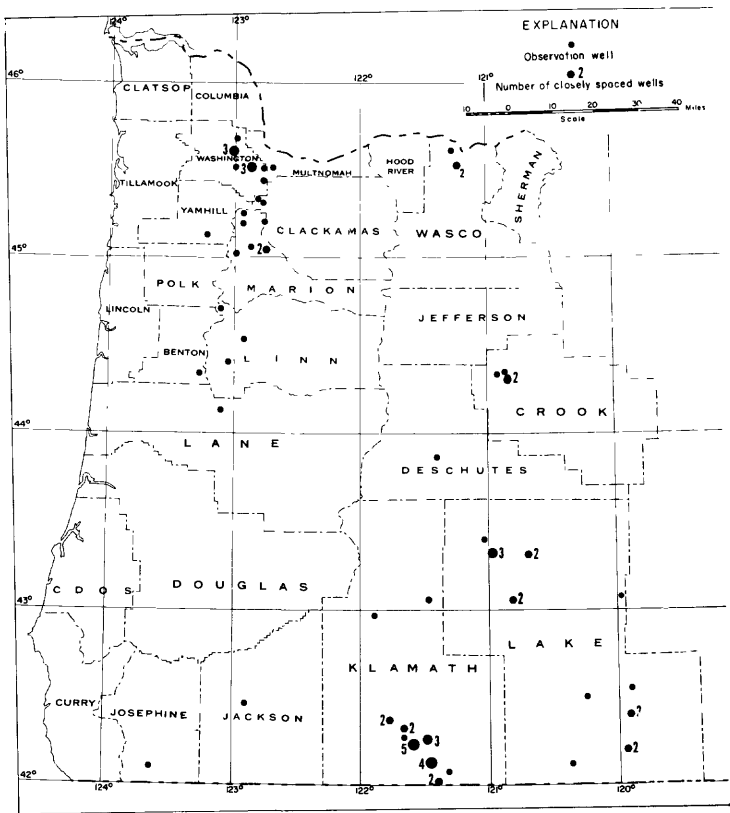
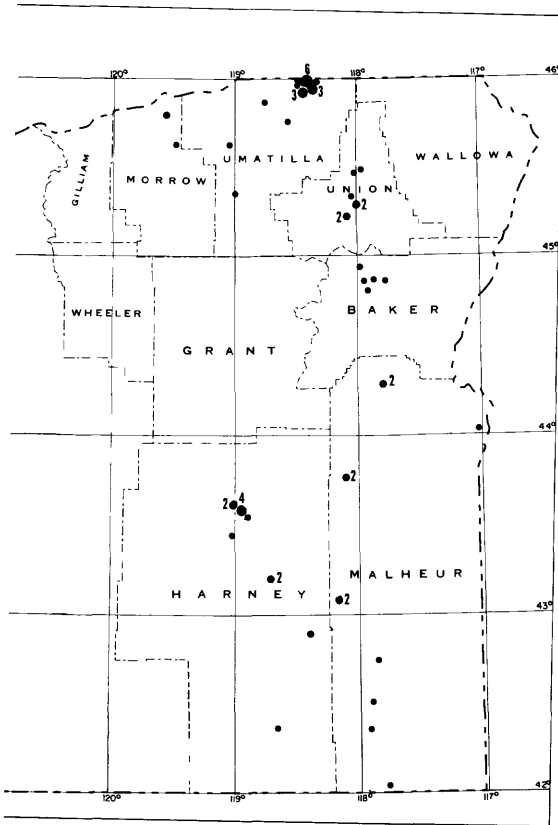


Figure 6.--Location of observation



wells in Oregon, 1961-65.



444820N1175435.1. Local number 9/39-2N1. Kermit Hansen. Formerly Chris Lee. Drilled unused water-table well in sand and gravel (previously reported sand and silt), diam 12 in, depth 321 ft, perforated 0-321. Lsd about 3,417 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 1.37 below lsd, Feb. 17, 1965; lowest 13.95 below lsd, Jan. 20, 1955. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	12.58	Aug. 8, 1962	8.44	Aug. 7, 1963	8.42	Feb. 17, 1965	1.37
Mar. 30	10.73	Sept. 25	10.88	Nov. 6	12.00	May 5	6.84
Sept. 12	11.03	Nov. 15	12.30	May 6, 1964	9.13	Aug. 11	7.12
Jan. 4, 1962	12.57	Feb. 6, 1963	12.22	Aug. 11	7.37	Nov. 17	10.38
Apr. 17	10.24	May 8	9.55	Nov. 18	11.06		

#### Benton County

442145N1231632.1. Local number 14/5W-10R1. Chris Lindseth. Driven unused water-table well in alluvium, diam 1½ in, depth 19 ft, cased with steel to 19. Lsd 267.49 ft above msl. MP top of 1½-in pipe, 2.40 ft above lsd. Highest water level 0.21 above lsd, Feb. 26, 1936; lowest 16.23 below lsd, Sept. 27, 1945. Records available: 1929-30, 1935-36, 1938-65.

Jan. 16, 1961	9.50	Aug. 14, 1962	14.87	July 29, 1963	13.87	Oct. 16, 1964	15.22
May 6	11.58	Sept. 25	15.10	Oct. 18	13.95	Jan. 8, 1965	4.70
Sept. 29	15.45	Oct. 30	13.99	Jan. 22, 1964	5.65	Apr. 14	12.23
Jan. 8, 1962	8.72	Feb. 13, 1963	9.12	Apr. 15	11.63	July 7	15.09
Mar. 26	9.79	Apr. 3	8.14	July 15	15.12	Oct. 6	15.69

#### Clackamas County

451905N1224758.1. Local number 3/1W-10N1. Charles Jenkins. Drilled domestic artesian well tapping confined water in the Columbia River Group, diam 6 in, depth reported 115 ft, cased with steel. Lsd 235 ft above msl. MP top of galvanized casing extension, 1.45 ft above lsd (since Sept. 19, 1961). Highest water level 68.42 below lsd, May 12, 1956; lowest 78.67 below lsd, Nov. 1, 1965. Records available: 1951-65.

Jan. 16, 1961	74.77	Mar. 30, 1962	74.74	Aug. 1, 1963	74.88	Oct. 27, 1964	77.46
May 6	70.62	Aug. 1	76.25	Nov. 13	76.40	Jan. 22, 1965	76.28
Sept. 19	71.59	Nov. 19	77.19	Feb. 10, 1964	74.09	Apr. 28	74.06
Jan. 15, 1962	75.95	Feb. 19, 1963	74.59	Apr. 30	72.35	July 23	76.75
Feb. 26	75.50	Apr. 23	73.38	July 29	75.20	Nov. 1	78.67

451830N1224623.1. Local number 3/1W-14K1. Susan Seely. Drilled irrigation water-table well in bouldery gravel, diam 14 in, reported depth 38 ft, cased to 38 with steel. Lsd 155 ft above msl. MP top of casing, 6.00 ft below lsd. Highest water level 7.25 below lsd, Dec. 20, 1955; lowest 20.29 below lsd, Aug. 1, 1952. Records available: 1951-65.

Jan. 17, 1961	8.73	Aug. 1, 1962	16.41	Aug. 1, 1963	16.14	Oct. 27, 1964	16.88
May 6	10.30	Sept. 25	16.83	Nov. 13	16.43	Jan. 27, 1965	9.50
Sept. 18	16.87	Nov. 19	15.35	Feb. 10, 1964	9.43	Apr. 29	11.67
Jan. 15, 1962	9.95	Feb. 19, 1963	10.01	Apr. 30	12.68	July 23	16.52
Mar. 30	8.80	Apr. 23	9.55	July 29	16.59	Nov. 1	16.86

#### Crook County

442100N1205417.1. Local number 14/15-15Q1. L. H. McPhetridge. Formerly M. D. Colahan. Drilled domestic and stock artesian well in sand and gravel (?), diam 6 in, depth 210 ft, cased with steel. Lsd 2,846.8 ft above msl. MP center line of pressure gage, 6.50 ft above lsd. Highest water level 75.5 above lsd, Mar. 12, 1964; lowest 36.5 above lsd, July 23, 1957. Records available: 1944-65.

Jan. 13, 1961	+62.50	Aug. 9, 1962	+66.00	Nov. 8, 1963	+73.50	Feb. 19, 1965	+68.50
Apr. 28	57.50	Nov. 17	64.00	Mar. 12, 1964	75.50	May 7	71.00
Sept. 15	63.50	Feb. 8, 1963	69.50	May 24	70.50	Aug. 13	70.50
Jan. 5, 1962	64.50	May 10	69.50	Aug. 14	67.50	Nov. 19	73.50
May 4	64.50	Aug. 9	59.50	Nov. 20	72.50		

442029N1205048.1. Local number 14/16-19H1. Leslie Clausen. Drilled domestic water-table well in sandy material of Pleistocene age, diam 6 in, depth 47 ft, cased with steel. Lsd 2,970 ft above msl. MP top of casing, 1.50 ft below lsd. Highest water level 0.93 below lsd, Aug. 13, 1965; lowest 21.22 below lsd, Apr. 28, 1961. Records available: 1944, 1947-65.

Jan. 13, 1961	17.33	Aug. 9, 1962	4.03	Nov. 8, 1963	6.78	Feb. 19, 1965	9.15
Apr. 28	21.22	Nov. 17	7.85	Mar. 12, 1964	b13.63	May 7	b10.42
Sept. 15	6.70	Feb. 8, 1963	12.51	May 8	b10.72	Aug. 13	.93
Jan. 5, 1962	12.42	May 10	b17.48	Aug. 14	1.99	Nov. 19	6.66
May 4	17.14	Aug. 9	4.64	Nov. 20	6.35		

b Well pumped recently.

441819N1205033.1. Local number 14/16-32N1. E. E. Wagoner. Dunham and Sixth Sts., Prineville. Drilled unused artesian well in sand and gravel (?), diam 5 in, depth 160 ft, cased with steel. Lsd 2,865.90 ft above msl. MP hole in casing, 1.70 ft above lsd. Highest water level 1.82 above lsd, Dec. 8, 1945; lowest 21.36 below lsd, Aug. 8, 1958. Records available: 1944-65.

Jan. 13, 1961	5.30	Aug. 9, 1962	9.80	Nov. 8, 1963	6.42	Feb. 19, 1965	3.18
Apr. 28	7.10	Nov. 17	6.05	Mar. 12, 1964	5.97	May 7	5.09
Sept. 15	13.01	Feb. 8, 1963	5.77	May 8	6.59	Aug. 3	11.11
Jan. 5, 1962	6.20	May 10	4.53	Aug. 14	15.16	Nov. 19	5.99
May 4	8.97	Aug. 9	c18.88	Nov. 20	4.86		

c Nearby well being pumped.

441813N1205100.1. Local number 15/16-6A1. M. E. Gerrow and others. Drilled domestic artesian well in sand and gravel, diam 4 in, depth 240 ft, cased. Lsd 2,860 ft above msl. MP top of reducer on casing, 1.70 ft above lsd. Highest water level 25.00 above lsd, Mar. 20, 1943; lowest 28.28 below lsd, Aug. 24, 1956. Records available: 1943, 1945-49, 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 20, 1943	+25.0	Apr. 30, 1946	+14.0	Mar. 10, 1948	+4.0	May 25, 1958	-9.88
Apr. 8	18.0	May 10	12.0	Apr. 2	4.0	Aug. 8	25.19
12	21.0	31	11.0	May 31	2.5	Sept. 27	10.25
Jan. 16, 1945	15.0	June 12	10.5	June 20	6.2	Apr. 13, 1959	10.27
31	14.5	21	10.0	Sept. 1	3.0	Aug. 30	12.20
Feb. 15	14.0	July 1	9.5	Oct. 1	6.0	Nov. 17	6.76
28	14.3	10	9.2	27	7.0	Jan. 17, 1960	7.33
Mar. 15	14.5	Aug. 12	6.5	Dec. 7	8.0	May 18	5.36
30	14.5	Sept. 5	11.0	Jan. 1, 1949	6.5	Aug. 9	16.18
May 15	12.0	21	9.0	21	6.0	Oct. 14	7.15
30	15.0	Oct. 8	7.0	Feb. 1	5.6	Jan. 13, 1961	5.03
June 10	12.0	Nov. 14	7.8	Mar. 13	+3.3	Apr. 28	7.49
30	13.0	21	9.7	Nov. 18, 1953	-8.17	Sept. 15	9.57
July 15	10.5	Dec. 1	11.0	Jan. 20, 1954	4.53	Jan. 5, 1962	6.98
30	9.0	31	11.5	Apr. 15	11.13	May 4	9.76
Sept. 1	14.2	Jan. 10, 1947	11.5	July 13	24.37	Aug. 9	8.97
Oct. 8	14.5	22	11.5	Sept. 16	10.32	Nov. 17	7.34
31	15.0	Feb. 3	11.5	Jan. 24, 1955	5.50	Feb. 18, 1963	7.33
Nov. 10	15.5	22	12.0	May 3	3.32	May 10	4.45
Dec. 10	17.0	Mar. 2	12.2	Sept. 14	22.96	Aug. 9	13.99
31	16.0	15	12.5	Dec. 26	6.06	Nov. 8	7.31
Jan. 15, 1946	15.5	Apr. 11	10.0	Apr. 9, 1956	13.05	Mar. 12, 1964	7.37
31	15.5	May 12	8.0	Aug. 24	28.28	May 8	7.11
Feb. 10	14.0	June 3	8.5	Nov. 28	6.59	Aug. 14	11.86
28	14.5	17	8.7	Apr. 15, 1957	8.47	Nov. 20	4.99
Mar. 10	14.5	July 2	3.5	Aug. 12	25.37	Feb. 19, 1965	3.25
30	14.5	Jan. 16, 1948	10.0	Oct. 7	6.33	May 7	5.54
Apr. 10	14.0	Feb. 15	5.0	Jan. 13, 1958	8.62	Aug. 13	3.85

## Deschutes County

434400N1212750.1. Local number 21/10-25A1. Inez Kellems. Dug domestic and stock water-table well in sand and gravel, diam 12 in, depth 37 ft, equipped with 12-in casing and backfilled. Well deepened to 100 ft, Oct. 6, 1964, 6-in casing set to 70 ft. Lsd 4,208 ft above msl. MP top of casing, 0.20 ft above lsd. Highest water level 10.90 below lsd, Aug. 14, 1956; lowest 41.63 below lsd, Oct. 23, 1964. Records available: 1945, 1948-65.

Oct. 12, 1945	27.35	June 18, 1952	18.52	Dec. 22, 1956	17.06	July 12, 1962	19.47
Mar. 18, 1948	29.60	Sept. 3	15.46	Apr. 15, 1957	12.07	Sept. 26	21.96
Aug. 5	a27.49	Dec. 27	18.87	May 24	11.87	Oct. 25	21.96
Oct. 27	26.81	Apr. 1, 1953	20.73	Aug. 12	11.62	Jan. 25, 1963	27.17
Mar. 13, 1949	28.11	Oct. 16	a14.10	Jan. 13, 1958	17.72	Apr. 29	27.13
July 4	a26.54	Jan. 20, 1954	15.60	Aug. 8	12.10	Oct. 25	21.08
Aug. 26	25.23	July 13	11.80	Aug. 30, 1959	14.02	Apr. 25, 1964	28.19
Jan. 7, 1950	26.56	Sept. 16	11.50	Jan. 16, 1960	20.85	July 10	21.32
Feb. 18	28.45	Feb. 19, 1955	20.22	June 13	19.02	Oct. 23	41.63
July 12	23.61	July 19	12.22	Oct. 14	20.39	Jan. 14, 1965	27.36
Mar. 24, 1951	20.36	Aug. 16	13.81	Jan. 13, 1961	22.14	Apr. 23	28.82
Sept. 5	16.45	Dec. 4	19.21	Apr. 28	23.78	July 30	23.86
Dec. 17	17.30	Apr. 5, 1956	21.25	Sept. 15	18.85	Oct. 29	23.34
Apr. 15, 1952	16.97	Aug. 14	10.90	Apr. 30, 1962	27.23		

a Well being pumped.

## Harney County

433705N1185954.1. Local number 22/31-34N1. L. F. Lazarus. Drilled stock artesian well in Danforth Formation, diam 18 to 8 in, depth 288 ft, cased to 68 with steel. Lsd 4,153.17 ft above msl. MP top of well cover at bored hole, 1.00 ft above lsd. Highest water level 1.50 below lsd, Apr. 21, 1936; lowest 17.40 below lsd, Aug. 7, 1960. Records available: 1936-65.

Jan. 11, 1961	9.75	Aug. 21, 1962	16.63	Aug. 22, 1963	14.93	Dec. 2, 1964	13.16
May 4	a18.00	Nov. 26	13.00	Nov. 21	14.61	Mar. 13, 1965	10.35
Sept. 13	13.18	Feb. 25, 1963	8.47	May 21, 1964	a67.99	Aug. 25	15.06
Jan. 4, 1962	11.74	May 20	6.58	Aug. 26	14.92	Dec. 1	12.38
Apr. 18	5.63						

a Well being pumped.

433640N1185954.1. Local number 23/31-3D2. Harney County. Dug observation water-table well in alluvium, size 18 x 18 in, depth 14 ft, cribbed with wood to 12, perforated 12-in steel casing 10-14. Lsd 4,153.12 ft above msl. MP top of 1½-in pipe, 1.16 ft above lsd. Highest water level 1.69 below lsd, Feb. 25, 1963; lowest 9.69 below lsd, Jan. 13, 1960. Records available: 1936, 1938-65.

Jan. 11, 1961	8.59	Aug. 21, 1962	5.66	Nov. 21, 1963	7.26	Mar. 3, 1965	3.11
May 4	3.67	Nov. 26	5.27	May 21, 1964	3.40	May 19	3.10
Sept. 13	6.48	Feb. 25, 1963	1.69	Aug. 26	6.11	Aug. 25	6.09
Jan. 4, 1962	7.57	May 20	3.27	Dec. 2	7.30	Dec. 1	7.01
Apr. 18	2.88	Aug. 22	6.19				

433508N1185748.3. Local number 23/31-14A3. Harney County. Dug observation water-table well in alluvium, size 18 x 18 in, depth 17 ft, cribbed with wood to 14, perforated 12-in steel casing 13-17. Lsd 4,142.55 ft above msl. MP top of 1½-in casing, 0.36 ft above lsd. Highest water level 1.50 below lsd, Apr. 16, 1952; lowest 13.20 below lsd, Jan. 15, 1936. Records available: 1936, 1938-65.

433508N1185748,3--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1961	10.13	Aug. 20, 1962	9.39	Nov. 21, 1963	9.41	Mar. 3, 1965	3.50
May 4	10.16	Nov. 26	10.28	May 2, 1964	5.70	May 19	3.56
Sept. 13	11.01	Feb. 25, 1963	6.85	Aug. 26	8.68	Aug. 25	7.57
Jan. 4, 1962	11.29	May 20	2.95	Dec. 2	9.48	Dec. 1	8.02
Apr. 18	3.11	Aug. 22	8.26				

433448N1190107.1. Local number 23/31-16E1. Harney County. Dug observation water-table well in a'luyium, size 18 × 18 in, depth 14 ft, cribbed with wood to 11, perforated 12-in steel casing 10-14. Lsd 4,146.30 ft above msl. MP top of 14-in pipe, 1.00 ft above lsd. Highest water level 0.80 below lsd, Apr. 16, 1952; lowest 9.10 below lsd, Jan. 15, 1936. Records available: 1936, 1938-65.

Jan. 10, 1961	8.12	Aug. 20, 1962	7.18	Nov. 21, 1963	7.44	Mar. 4, 1965	3.68
May 5	4.25	Nov. 26	7.94	May 21, 1964	2.51	May 20	3.22
Sept. 14	7.95	Feb. 25, 1963	4.89	Aug. 27	6.36	Aug. 26	6.26
Jan. 4, 1962	8.27	May 21	1.80	Dec. 3	7.46	Dec. 2	7.20
Apr. 18	5.82	Aug. 22	6.51				

433206N1190107.1. Local number 23/31-33E1. Harney County. Dug observation water-table well in a'luyium, size 18 × 18 in, depth 13 ft, cribbed with wood to 10, perforated steel casing 9-13. Lsd 4,134.02 ft above msl. MP zero on float gage, 0.19 ft below lsd. Highest water level 0.28 below lsd, May 22, June 1, 1965; lowest 8.22 below lsd, Dec. 17, 28, 1961. Records available: 1936, 1938-65.

Jan. 1, 1961	7.78	Apr. 1, 1962	6.79	May 22, 1963	1.99	Sept. 15, 1964	5.82
8	7.83	8	6.79	June 3	1.99	21	5.99
15	7.87	15	6.76	10	1.89	Oct. 1	6.28
22	7.87	22	6.73	17	2.14	8	6.39
28	7.89	28	6.67	23	2.22	15	6.50
Feb. 5	7.66	May 6	6.49	July 2	2.45	21	6.59
12	7.40	13	5.75	9	2.93	Nov. 1	6.64
19	7.34	20	5.01	16	3.46	8	6.70
26	7.29	27	3.90	23	3.95	15	6.81
Mar. 5	7.21	28	3.90	Aug. 1	6.04	22	6.84
12	7.17	June 3	3.05	8	5.42	Dec. 1	6.59
19	7.05	10	3.02	15	5.72	8	6.49
28	6.95	17	2.67	22	5.83	15	6.49
Apr. 2	6.87	24	2.55	Sept. 1	6.16	21	6.39
9	6.75	28	2.51	8	6.37	Jan. 1, 1965	3.73
16	6.43	July 1	3.65	15	6.49	8	3.89
23	6.02	8	3.83	22	6.61	15	3.79
28	5.61	15	4.42	Oct. 1	7.71	22	3.79
May 7	4.63	22	4.93	8	6.84	Feb. 1	1.55
14	4.03	27	5.30	15	6.93	8	1.54
21	3.51	Aug. 3	5.65	22	7.01	15	1.53
28	3.17	10	5.86	Nov. 3	7.16	22	1.51
July 2	4.50	17	6.16	10	7.17	Mar. 1	1.62
9	4.94	24	6.40	17	7.14	8	1.87
16	5.44	25	6.43	24	7.14	15	1.89
23	5.84	Sept. 3	6.87	Dec. 1	7.13	22	2.19
28	6.08	10	6.97	8	7.15	Apr. 1	2.40
Aug. 6	6.47	17	7.09	22	7.19	8	2.61
13	6.70	24	7.21	Jan. 1, 1964	7.21	15	2.77
20	6.97	26	7.22	8	7.23	22	2.95
28	7.12	Oct. 2	7.36	15	7.23	May 1	2.45
Sept. 3	7.29	9	7.36	21	7.25	8	1.97
10	7.42	16	7.36	Feb. 1	7.29	15	1.42
17	7.56	22	7.15	8	7.31	22	.28
24	7.66	24	7.13	15	7.29	June 1	.28
28	7.70	Nov. 4	7.19	22	7.36	8	2.08
Oct. 1	7.74	11	7.26	Mar. 1	7.19	15	1.19
8	7.80	18	7.29	8	7.07	22	.28
15	7.87	23	7.39	15	6.67	July 1	1.66
22	7.92	Dec. 1	7.31	22	6.23	8	2.22
28	7.97	8	7.24	Apr. 1	6.33	15	2.66
Nov. 5	8.03	15	7.21	8	6.11	21	3.10
12	8.07	22	7.19	15	5.97	Aug. 1	3.62
19	8.11	Jan. 2, 1963	7.15	19	5.89	8	4.21
28	8.15	9	7.22	May 2	5.75	15	4.48
Dec. 3	8.17	16	7.26	9	5.36	22	4.75
10	8.19	23	7.28	16	4.97	Sept. 1	5.05
17	8.22	Feb. 2	7.43	22	4.87	8	5.29
28	8.22	9	7.73	June 1	4.05	15	5.66
Jan. 7, 1962	8.16	16	7.73	7	3.53	22	5.73
14	7.90	25	6.55	14	2.99	Oct. 2	5.88
21	7.91	Mar. 2	6.45	21	2.65	9	5.99
28	7.96	8	6.37	July 1	2.64	18	6.09
Feb. 4	7.63	15	6.29	8	2.63	23	6.17
11	7.63	22	6.29	15	2.99	Nov. 1	6.21
18	7.23	Apr. 1	6.11	22	3.36	8	6.29
25	7.06	7	6.06	Aug. 2	3.81	15	6.34
26	7.06	15	5.79	9	4.29	22	6.15
Mar. 5	7.19	22	5.25	16	4.81	Dec. 1	6.15
11	7.00	May 1	4.37	22	5.02	8	6.13
18	6.99	8	3.59	Sept. 1	5.47	15	6.11
25	6.92	15	2.71	8	5.65	22	6.13
28	6.89						

433533N1185607.2. Local number 23/32-71.2. Emmett Ray. Drilled irrigation artesian well in alluvium, diam 18 in, depth 93 ft, cased to 60. Lsd 4,135.24 ft above msl. MP top south side of casing, 0.36 ft below lsd. Highest water level 2.07 below lsd, May 19, 1965; lowest 38.37 below lsd, July 30, 1931. Records available: 1928-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1961	7.50	Apr. 18, 1962	(a)	Nov. 21, 1963	6.95	May 19, 1965	2.07
May 4	a40.00	Aug. 20	25.67	Dec. 2, 1964	7.81	Aug. 25	18.30
Sept. 13	13.34	Nov. 26	9.31	Mar. 3, 1965	2.61	Dec. 1	5.74
Jan. 4, 1962	8.53	Feb. 25, 1963	6.90				

a Well being pumped.

433229N1185520.1. Local number 23/32-30R1. Harney County. Dug observation water-table well in alluvium, size 18 x 18 in, depth 19 ft, cribbed with wood to 15, perforated 12-in steel casing 15-19. Lsd 4,130.77 ft above msl. MP top of 1½-in pipe, 1.50 ft above lsd. Highest water level 6.48 below lsd, June 21, 1952; lowest dry, several times, 1954-58 (previously reported 1954-60). Records available: 1936, 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1961	9.28	Aug. 20, 1962	9.29	Nov. 21, 1963	9.13	Mar. 4, 1965	7.94
May 4	9.38	Nov. 26	9.68	May 21, 1964	9.22	May 20	6.81
Sept. 13	9.74	Feb. 25, 1963	9.24	Aug. 27	9.51	Aug. 26	8.13
Jan. 4, 1962	9.98	May 20	7.56	Dec. 31	9.77	Dec. 27	8.70
Apr. 19	9.17	Aug. 22	8.56				

432743N1190107.1. Local number 24/31-28E1. Harney County. Dug observation water-table well in alluvium, size 18 x 18 in, depth 17 ft, cribbed with wood to 15, perforated 12-in steel casing 13-17. Lsd 4,124.44 ft above msl. MP top of 1½-in pipe, 1.40 ft above lsd. Highest water level 2.76 below lsd, Apr. 16, 1952; lowest 13.06 below lsd, Sept. 8, 1936. Records available: 1936, 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	10.02	Aug. 20, 1962	9.86	Nov. 22, 1963	9.59	Mar. 4, 1965	2.91
May 4	9.45	Nov. 27	10.47	May 21, 1964	8.04	May 20	4.01
Sept. 14	10.52	Feb. 25, 1963	9.65	Aug. 27	9.11	Aug. 26	6.71
Jan. 4, 1962	10.80	May 21	7.74	Dec. 3	9.81	Dec. 2	7.38
Apr. 18	9.15	Aug. 22	8.78				

431550N1183826.1. Local number 26/33-34N1. George Merrick. Drilled irrigation water-table well in cinders, diam 12 in, depth 110 ft, cased with steel to about 20. Lsd 4,120 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 11.99 below lsd, Oct. 3, 1957; lowest 23.90 below lsd, Nov. 7, 1955. Records available: 1954-61. Measurement discontinued; replaced by well number 26/33-34N2.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 4, 1954	23.42	Apr. 17, 1957	22.29	Apr. 11, 1959	21.38	Aug. 7, 1960	22.72
Nov. 7, 1955	23.90	Oct. 3	11.99	Aug. 27	22.07	Oct. 11	22.73
Apr. 10, 1956	23.10	Aug. 5, 1958	21.13	Jan. 14, 1960	22.43	Jan. 11, 1961	22.84
Aug. 17	23.42	Sept. 14	21.16				

431551N1183810.1. Local number 26/33-34N2. George Merrick. Drilled irrigation water-table well in cinders, diam 14 in, depth 81 ft, cased with steel to 30. Lsd 4,120 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 19.66 below lsd, Dec. 2, 1965; lowest 21.67 below lsd, Aug. 23, 1962. Records available: 1962-65. Replaces well number 26/33-34N1.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 19, 1962	21.20	May 21, 1963	21.18	Aug. 27, 1964	20.82	May 20, 1965	20.16
Aug. 23	21.67	Aug. 22	21.13	Dec. 3	20.67	Aug. 26	20.00
Nov. 27	21.27	Nov. 21	20.94	Mar. 4, 1965	20.41	Dec. 2	19.66
Feb. 26, 1963	21.28	May 22, 1964	20.98				

425445N1182105.1. Local number 31/35-2D1. Fred Pallock. Drilled unused water-table well in alluvium, diam 8 in, depth 32 ft, cased with steel to unknown depth. Lsd 4,270 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 5.52 below lsd, Apr. 18, 1957; lowest 18.12 below lsd, Nov. 20, 1963. May 21, 1964. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 11, 1954	7.30	Jan. 16, 1958	6.95	Sept. 13, 1961	16.70	Nov. 20, 1963	18.12
Sept. 14	11.04	Aug. 5	7.60	Jan. 12, 1963	17.23	May 21, 1964	18.12
Jan. 23, 1955	12.79	Sept. 25	5.60	May 3	9.82	Aug. 26	16.60
Apr. 30	13.42	Aug. 20, 1959	10.76	Aug. 23	9.64	Dec. 2	16.04
Nov. 9	15.95	Jan. 14, 1960	11.63	Nov. 29	15.13	Mar. 3, 1965	13.88
Apr. 10, 1956	12.74	Aug. 7	12.39	Feb. 28, 1963	15.85	May 19	9.91
Nov. 30	12.19	Jan. 11, 1961	13.75	May 23	16.59	Aug. 25	9.09
Apr. 18, 1957	5.52	May 5	14.37	Aug. 21	17.43	Dec. 1	8.60

422708N1183626.1. Local number 35/33-34Q1. Andrew Shull. Drilled unused water-table well in sand and gravel(?), diam 5½ in, depth 170 ft, cased with steel to unknown depth. Lsd about 4,150 ft above msl. MP top of casing, at lsd. Highest water level 11.95 below lsd, May 19, 1965; lowest 18.30 below lsd, Jan. 11, 1962. Records available: 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1958	13.15	May 5, 1961	16.18	Feb. 28, 1963	15.02	Dec. 2, 1964	16.06
Aug. 28, 1959	14.08	Sept. 13	16.54	May 23	12.61	Mar. 3, 1965	12.78
Jan. 14, 1960	14.38	Jan. 11, 1962	18.30	Aug. 21	14.03	May 19	11.95
Aug. 7	13.27	May 3	14.15	Nov. 20	15.31	Aug. 25	13.62
Oct. 12	15.88	Aug. 23	15.03	May 21, 1964	14.13	Dec. 1	14.73
Jan. 11, 1961	15.98	Nov. 29	16.21	Aug. 26	14.75		

#### Jackson County

422517N1225430.1. Local number 36/2W-23N1. U.S. Geol. Survey. Drilled observation water-table well in alluvium, diam 8 in, depth 110 ft, cased with steel to 106. Lsd 1,230 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 2.27 below lsd, Mar. 5, 1962; lowest 9.77 below lsd, Aug. 9, 1963. Records available: 1953-54, 1956, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 25, 1953	6.91	May 13, 1954	6.00	Dec. 5, 1958	8.39	Jan. 9, 1962	5.72
Aug. 4	7.18	June 30	7.03	June 12, 1959	7.38	Feb. 3	2.76
Sept. 6	7.65	July 30	7.68	Sept. 1	9.03	Mar. 5	2.27
Oct. 3	7.99	Aug. 26	8.07	Jan. 18, 1960	8.58	May 7	7.28
Nov. 4	7.90	Sept. 30	8.28	June 4	6.85	June 5	7.15
Dec. 9	4.93	Nov. 15	8.30	Oct. 11	9.54	July 3	6.90
Jan. 1, 1954	4.41	Dec. 16	8.23	Jan. 14, 1961	6.31	Aug. 3	8.00
Feb. 8	3.75	Aug. 17, 1956	8.25	May 2	5.96	Sept. 18	9.20
Mar. 19	3.84	Apr. 15, 1958	4.27	Sept. 17	9.48	Oct. 24	5.44
Apr. 20	5.14	Aug. 5	7.90	Jan. 3, 1962	5.86	Nov. 6	4.87

422517N1225430, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 11, 1962	3.97	Sept. 10, 1963	8.70	July 9, 1964	6.04	Apr. 14, 1965	7.84
Jan. 3, 1963	3.97	Oct. 4	8.66	Aug. 5	6.23	May 11	7.00
Feb. 5	2.69	Nov. 22	7.87	Sept. 4	6.18	June 6	7.04
Mar. 5	3.72	Jan. 8, 1964	6.40	Oct. 7	7.81	July 7	6.77
Apr. 2	4.03	Feb. 13	4.47	Nov. 11	5.20	Aug. 7	7.30
May 7	4.32	Mar. 5	4.03	Dec. 3	9.42	Sept. 3	6.48
June 6	5.83	Apr. 7	5.17	Jan. 7, 1965	5.73	Oct. 8	6.79
July 5	5.29	May 5	5.62	Feb. 9	4.27	Nov. 9	6.40
Aug. 9	9.77	June 5	5.73	Mar. 4	4.56	Dec. 6	6.53

Josephine County

420750N1233830, 1. Local number 39/8W-34L1. U.S. Geol. Survey. Drilled observation water-table well in alluvium, diam 6 in, depth 114 ft, cased with steel to 115, perforated 27-45, 84-110(?). Lsd 1,350 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 3.54 below lsd, Jan. 27, 1954; lowest 24.88 below lsd, Jan. 18, 1960. Records available: 1952-65.

Aug. 9, 1952	17.36	Sept. 23, 1953	20.90	Aug. 11, 1955	20.50	Jan. 14, 1961	9.60
25	17.16	30	21.29	Aug. 16, 1956	21.05	May 2	8.23
Oct. 5	22.29	Jan. 27, 1954	3.54	Dec. 19	15.85	Sept. 17	23.25
Nov. 4	23.85	Feb. 25	7.10	Apr. 18, 1957	7.82	Jan. 9, 1962	9.99
Dec. 4	24.64	Mar. 31	8.25	July 23	18.23	Jan. 15, 1963	9.48
Jan. 10, 1953	4.53	Apr. 30	8.60	Apr. 15, 1958	7.42	Apr. 23	6.69
Feb. 3	6.20	May 14	9.35	Aug. 5	19.66	July 16	15.00
Mar. 10	7.68	Oct. 25	22.24	Dec. 5	24.80	Jan. 16, 1964	8.63
19	5.95	Nov. 15	24.40	June 12, 1959	16.63	Apr. 10	9.25
Apr. 21	7.39	Dec. 7	23.95	Sept. 1	23.13	July 8	19.07
May 31	6.82	Mar. 30, 1955	9.23	Jan. 18, 1960	24.88	Jan. 20, 1965	6.81
July 4	8.92	Apr. 3	9.63	June 4	8.86	Apr. 3	10.78
Aug. 4	18.01	July 1	16.55	Oct. 11	23.95	July 21	18.57
Sept. 7	19.54						

Klamath County

430300N1213500, 1. Local number 29/10-19D1. Owner unknown. Drilled unused water-table well in unknown aquifer, diam 8 in, depth 123 ft, cased with steel to unknown depth. Lsd 4,640 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 19.10 below lsd, Aug. 7, 1958; lowest 27.57 below lsd, Sept. 24, 1962. Records available: 1954-56, 1958-59, 1961-62. No measurement made in 1957 or 1960. Measurement discontinued.

Aug. 31, 1954	23.80	Dec. 18, 1954	24.15	Oct. 17, 1956	20.95	Oct. 13, 1960	23.95
Oct. 6	23.62	June 27, 1955	24.53	Aug. 7, 1958	19.10	Jan. 13, 1961	24.74
26	23.87	30	24.53	Dec. 3	19.48	May 2	25.08
Nov. 18	23.91	Aug. 26	24.96	June 11, 1959	20.29	Sept. 15	25.65
23	23.96	Oct. 11, 1956	20.94	Sept. 3	19.77	Sept. 24, 1962	27.57

425906N1215055, 1. Local number 30/7-11G1. Crown Zellerbach Corp. Drilled stock water-table well in unknown aquifer, diam 6 in, depth 123 ft, cased with steel to unknown depth. Lsd 4,626 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 55.92 below lsd, Dec. 3, 1958; lowest 69.03 below lsd, Oct. 23, 1964. Records available: 1954-65.

Aug. 27, 1954	56.74	Dec. 22, 1956	57.56	Oct. 13, 1960	61.80	July 26, 1963	66.74
Sept. 29	57.39	Apr. 20, 1957	57.10	May 3, 1961	63.44	Oct. 25	67.72
Oct. 15	57.45	July 25	56.94	Sept. 15	64.34	Apr. 24, 1964	68.25
26	56.29	Aug. 7, 1958	56.17	Apr. 2, 1962	65.62	July 24	68.59
Nov. 23	56.31	Dec. 3	55.92	July 27	65.90	Oct. 23	69.03
Dec. 18	56.41	June 11, 1959	56.96	Sept. 24	66.32	Apr. 23, 1965	68.17
June 27, 1955	57.40	Sept. 2	57.72	Jan. 25, 1963	67.40	July 30	67.59
Aug. 26	58.08	June 12, 1960	60.47	May 3	67.27	Oct. 29	65.74
Oct. 11, 1956	57.60						

b Well pumped recently.

423836N1215252, 1. Local number 34/7-9B1. State of Oregon. Drilled domestic water-table well in basalt, diam 6 in, depth 221 ft, cased with steel to 43. Lsd 4,190 ft above msl. MP  $\frac{1}{2}$ -in bolt above top of casing, 4.84 ft below lsd. Highest water level 18.51 below lsd, Dec. 22, 1956; lowest 25.24 below lsd, Sept. 24, 1962. Records available: 1955-65.

Feb. 16, 1955	18.74	June 12, 1960	b21.33	July 27, 1962	23.16	Apr. 24, 1964	19.69
June 30	20.34	Jan. 13, 1961	19.89	Sept. 24	25.24	July 24	20.03
Dec. 22, 1956	18.51	May 3	19.90	Oct. 25	19.56	Oct. 23	19.99
Apr. 17, 1958	b19.48	Sept. 16	b17.84	May 3, 1963	19.34	Jan. 29, 1965	19.51
Sept. 2, 1959	19.49	Jan. 10, 1962	19.83	July 25	b20.04	Apr. 23	18.68
Jan. 17, 1960	b19.61	Apr. 2	19.61	Oct. 25	19.58	July 30	a23.42

a Well being pumped.

b Well pumped recently.

423408N1214309, 1. Local number 35/8-1E1. H. G. Wolfe. Drilled domestic water-table well in unknown aquifer, diam 6 in, depth 102 ft, cased with steel to unknown depth. Lsd 4,182 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 1.45 below lsd, Apr. 8, 1956; lowest 10.96 below lsd, Jan. 17, 1960. Records available: 1954-65.

Aug. 9, 1954	7.44	July 25, 1957	6.10	Oct. 13, 1960	10.21	July 25, 1963	6.52
Oct. 27	9.88	Apr. 17, 1958	6.25	Jan. 13, 1961	10.78	Oct. 24	10.28
Dec. 19	10.33	Aug. 6	6.48	May 3	4.20	Apr. 22, 1964	3.37
June 29, 1955	9.95	Dec. 5	10.15	Sept. 16	5.79	July 22	7.04
Aug. 26	10.82	Jan. 11, 1959	6.24	Jan. 10, 1962	10.57	Oct. 2	10.67
Apr. 8, 1956	1.45	Sept. 3	9.55	July 26	6.73	July 28, 1965	7.77
Oct. 11	8.85	Jan. 17, 1960	10.96	Sept. 24	9.68	Oct. 27	10.64
Dec. 22	9.39	June 12	6.59	Jan. 24, 1963	4.65		

423131N1213408.1. Local number 35/10-19B1. Ted Chrume. Drilled domestic water-table well in alluvium, diam 6 in, depth 360 ft, cased to 70. Lsd 4,350 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 6.98 below lsd, Apr. 18, 1956; lowest 22.92 below lsd, July 26, 1962. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 2, 1954	10.80	July 25, 1957	11.92	Jan. 13, 1961	19.70	July 25, 1963	21.09
Oct. 27	16.37	Apr. 17, 1958	7.80	May 3	19.05	Oct. 24	19.09
Dec. 19	a23.34	Aug. 6	9.90	Sept. 16	21.20	Apr. 22, 1964	11.85
Feb. 16, 1955	18.04	Dec. 5	11.54	Jan. 10, 1962	21.49	July 22	20.92
June 29	b21.13	June 11, 1959	10.98	Apr. 2	19.87	Oct. 21	21.19
Aug. 26	18.37	Sept. 3	14.19	July 26	22.92	Jan. 27, 1965	7.00
Apr. 18, 1956	6.98	Jan. 17, 1960	15.24	Sept. 24	21.28	Apr. 21	7.60
Oct. 11	11.69	June 12	15.34	Jan. 24, 1963	19.35	July 28	10.16
Apr. 20, 1957	9.09	Oct. 13	16.47	May 2	11.89	Oct. 27	16.75

a Well being pumped.

b Well pumped recently.

422708N1212950.2. Local number 36/10-14K2. I. C. Clark. Drilled unused water-table well in alluvium, diam 12 in, depth 500 ft, cased with steel to 84. Lsd 4,345 ft above msl. MP top of casing, at lsd. Highest water level 21.25 below lsd, Apr. 17, 1958; lowest 26.91 below lsd, Aug. 26, 1955. Records available: 1954-60. Measurement discontinued.

Aug. 5, 1954	25.90	Aug. 26, 1955	26.91	Apr. 20, 1957	21.58	Dec. 5, 1958	23.42
Oct. 27	24.09	Apr. 8, 1956	25.51	July 25	24.90	June 11, 1959	25.64
Dec. 19	24.01	Oct. 11	24.81	Apr. 17, 1958	21.25	Sept. 3	26.20
Feb. 16, 1955	22.86	Dec. 21	22.26	Aug. 6	25.72	Jan. 17, 1960	25.24
June 29	23.84						

422444N1212110.1. Local number 36/11-36A1. F. E. McBain, Jr. Drilled irrigation water-table well in basalt, diam 16 in, depth 223 ft, cased with steel to 96. Lsd 4,380 ft above msl. MP hole in north side of pumpbase, at lsd. Highest water level 8.34 below lsd, Jan. 27, 1965; lowest 10.25 below lsd, May 3, 1961. Records available: 1954-65.

Oct. 27, 1954	9.88	July 25, 1957	9.05	Jan. 13, 1961	9.87	July 25, 1963	9.24
Dec. 19	10.02	Apr. 17, 1958	9.60	May 3	10.25	Oct. 24	9.06
Feb. 16, 1955	9.69	Aug. 6	8.66	Sept. 16	9.47	Apr. 22, 1964	9.30
June 29	a	Dec. 5	9.43	Jan. 10, 1962	9.86	July 22	9.10
Aug. 26	9.63	June 11, 1959	a26.30	Apr. 2	a8.78	Oct. 21	9.81
Apr. 6, 1956	8.35	Sept. 3	a30.65	Sept. 24	9.81	Jan. 27, 1965	8.34
Oct. 11	9.26	Jan. 17, 1960	9.31	Jan. 24, 1963	10.10	Apr. 21	9.04
Dec. 21	9.83	Oct. 13	9.32	May 2	9.20	Oct. 27	8.79
Apr. 20, 1957	9.20						

a Well being pumped.

422652N1211609.1. Local number 36/12-14M1. Beatty Recreation Hall. Drilled unused artesian well in sand and gravel, diam 6 in, depth 48 ft, cased with steel to unknown depth. Lsd 4,345 ft above msl. MP top of casing, 1.50 ft below lsd. Highest water level 1.50 below lsd, Jan. 27, 1965; lowest 6.64 below lsd, Aug. 26, 1955. Records available: 1954-65.

Aug. 10, 1954	6.21	Apr. 17, 1958	4.50	May 3, 1961	4.07	July 24, 1963	3.05
Oct. 27	6.52	Aug. 6	5.36	Sept. 16	4.58	Oct. 23	2.52
Dec. 19	6.51	Dec. 5	5.64	Jan. 10, 1962	3.92	Apr. 22, 1964	1.89
June 29, 1955	6.35	June 11, 1959	5.20	Apr. 2	4.01	July 22	2.48
Aug. 26	6.64	Sept. 3	5.63	July 25	4.72	Oct. 21	2.59
Apr. 6, 1956	3.90	Jan. 17, 1960	5.01	Sept. 25	4.91	Jan. 27, 1965	1.50
Oct. 11	5.80	June 12	5.13	Oct. 23	4.03	Apr. 21	1.53
Dec. 21	5.89	Oct. 13	4.88	Jan. 23, 1963	3.60	July 28	2.09
July 25, 1957	5.84	Jan. 13, 1961	4.09	May 1	3.16	Oct. 27	1.82

421920N1214000.2. Local number 37/10-29K1. W. Raymond. Drilled stock perched water-table well in sedimentary rocks, diam 10 in, depth 100 ft, cased with steel. Lsd about 4,187 ft above msl. MP top of steel casing, 2.50 ft above lsd. Highest water level 7.67 below lsd, Apr. 17, 1958; lowest 13.52 below lsd, Nov. 19, 1949. Records available: 1949-65.

Jan. 14, 1961	12.72	July 26, 1962	11.17	July 25, 1963	10.25	Jan. 28, 1965	9.07
May 3	10.68	Sept. 24	12.17	Oct. 24	12.03	Apr. 28	8.72
Sept. 16	12.18	Oct. 24	11.98	Apr. 23, 1964	10.41	July 29	10.61
Jan. 10, 1962	12.96	Jan. 24, 1963	10.04	July 23	10.91	Oct. 28	12.11
Apr. 4	10.33	May 2	8.59	Oct. 22	12.55		

421920N1214000.1. Local number 37/10-29K2. W. Raymond. Drilled stock water-table well in gravel, diam 18 in, depth 800 ft, cased with steel to 20. Lsd about 4,186 ft above msl. MP top of casing, at lsd. Highest water level 20.78 below lsd, Apr. 17, 1958; lowest 30.58 below lsd, Oct. 22, 1964. Records available: 1949-65.

Jan. 14, 1961	28.44	July 26, 1962	28.30	July 25, 1963	28.19	Oct. 22, 1964	30.58
May 3	27.60	Sept. 24	28.55	Oct. 24	29.52	Apr. 22, 1965	26.81
Sept. 16	29.10	Oct. 24	28.30	Apr. 23, 1964	28.59	Aug. 29	28.76
Jan. 10, 1962	28.88	Jan. 24, 1963	28.01	July 23	29.28	Oct. 28	29.35
Apr. 4	27.60	May 2	27.15				

421630N1213927.1. Local number 38/10-9M3. Frank Riley. Drilled stock water-table well in basalt, diam 6 in, depth 135 ft, cased with steel to 25. Lsd 4,210 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 107.55 below lsd, Apr. 17, 1958; lowest 117.22 below lsd, July 29, 1965. Records available: 1949-65.

Nov. 19, 1949	110.54	Apr. 19, 1954	109.28	Sept. 2, 1959	111.98	Jan. 24, 1963	111.24
Apr. 14, 1950	110.28	Aug. 25, 1955	112.19	Jan. 18, 1960	110.64	May 2	110.34
July 11	110.33	Apr. 7, 1956	108.61	June 12	112.53	July 25	113.54
Apr. 4, 1951	108.70	Sept. 11	109.53	Oct. 13	111.99	Oct. 24	113.00
Sept. 6	110.18	Oct. 11	115.09	Jan. 14, 1961	111.22	Apr. 23, 1964	110.71
Jan. 4, 1952	110.35	Dec. 20	109.14	May 3	110.64	July 23	114.82
Apr. 22	108.95	Apr. 20, 1957	108.81	Sept. 16	113.40	Oct. 22	113.52
June 19	108.80	July 24	112.04	Jan. 10, 1962	111.70	Jan. 28, 1965	111.28
Sept. 4	109.16	Apr. 17, 1958	107.55	Apr. 4	110.93	Apr. 22	109.50
Apr. 2, 1953	109.20	Aug. 6	110.86	July 26	114.96	July 29	117.22
July 21	110.48	Dec. 4	108.84	Sept. 24	c114.45	Oct. 28	112.64
Oct. 15	110.52	June 10, 1959	110.56	Oct. 24	112.39		

c Nearly well being pumped.

421710N1212855.1. Local number 38/11 $\frac{1}{2}$ -12N2 (previously reported 12M2). Frank Challis. Drilled irrigation water-table well in red porous lava rock, diam 12 in, depth 150 ft, cased with steel to 5. Lsd about 4,162 ft above msl. MP top of casing, at lsd. Highest water level 44.02 below lsd, Aug. 6, 1958; lowest 47.59 below lsd, July 25, 1962. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1961	46.78	July 25, 1962	47.59	July 24, 1963	47.13	Jan. 28, 1965	45.89
May 3	46.48	Sept. 24	46.96	Oct. 23	46.81	Apr. 22	45.39
Sept. 16	47.29	Oct. 23	46.35	Apr. 23, 1964	46.59	July 29	46.27
Jan. 9, 1962	47.26	Jan. 23, 1963	46.88	July 23	47.29	Oct. 28	45.97
Apr. 3	46.98	May 1	46.49	Oct. 22	46.76		

421605N1212905.1. Local number 38/11 $\frac{1}{2}$ -13N1. William Konig. Drilled unused perched water-table well in diatomaceous ash, diam 20 in, depth 600 ft, cased with steel to 16. Lsd about 4,155 ft above msl. MP top south side of casing, 0.42 ft above lsd. Highest water level 18.54 below lsd, Jan. 28, 1965; lowest 26.20 below lsd, July 11, 1950. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1961	23.75	July 25, 1962	23.12	July 24, 1963	22.27	Jan. 28, 1965	18.54
May 3	22.77	Sept. 24	23.91	Oct. 23	22.76	Apr. 22	19.05
Sept. 16	24.51	Oct. 23	22.62	Apr. 23, 1964	20.82	July 29	21.95
Jan. 9, 1962	23.27	Jan. 23, 1963	21.60	July 23	22.50	Oct. 28	22.66
Apr. 3	21.44	May 1	20.05	Oct. 22	23.41		

421610N1213030.1. Local number 38/11 $\frac{1}{2}$ -15R1. F. R. White. Formerly M. E. Graham. Drilled irrigation water-table well in lava rock and cinders, diam 21 in, depth 495 ft, cased with steel. Lsd about 4,198 ft above msl. MP airline hole in south-west corner of pumpbase, 1.05 ft above lsd. Highest water level 75.35 below lsd, Apr. 17, 1958; lowest 78.73 below lsd, July 23, 1964. Records available: 1948, 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1961	77.45	July 25, 1962	78.56	Oct. 23, 1963	78.10	Jan. 28, 1965	76.57
May 3	75.85	Sept. 24	78.40	Apr. 23, 1964	75.83	Apr. 22	76.63
Sept. 16	77.05	Jan. 23, 1963	78.20	July 23	78.79	July 29	77.99
Jan. 10, 1962	78.34	May 1	77.72	Oct. 22	78.01	Oct. 28	77.31
Apr. 3	78.03	July 24	78.53				

421428N1213405.1. Local number 38/11 $\frac{1}{2}$ -30R3 (previously reported 30Q1). Wilbert Hall. Drilled irrigation water-table well in broken lava rock and cinders, diam 14 in, depth 175 ft, cased with steel to 120. Lsd about 4,217 ft above msl. MP top of hole in pumpbase, 1.00 ft above lsd. Highest water level 99.94 below lsd, Apr. 17, 1958; lowest 110.89 below lsd, Jan. 24, 1963. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1961	105.05	Apr. 4, 1962	104.52	May 2, 1963	103.75	Oct. 22, 1964	107.65
May 3	104.20	Sept. 24	109.08	Oct. 24	109.09	Jan. 28, 1965	103.83
Sept. 16	109.15	Oct. 24	109.34	Apr. 23, 1964	103.92	Apr. 22	102.30
Jan. 10, 1962	105.70	Jan. 24, 1963	110.89	July 23	106.97	Oct. 28	105.43

420908N1213140.1. Local number 38/11 $\frac{1}{2}$ -28R1. W. Tuback. Drilled domestic and stock water-table well in diatomite, diam 6 in, depth 460 ft, cased with steel to 60. Lsd 4,105 ft above msl. MP top south side of concrete curb, 0.30 ft above lsd. Highest water level 6.50 below lsd, Aug. 25, 1955; lowest 22.86 below lsd, July 25, 1962. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 27, 1954	10.06	July 24, 1957	11.48	Jan. 14, 1961	9.78	July 24, 1963	17.41
Oct. 28	9.80	Apr. 16, 1958	8.77	May 3	a21.40	Oct. 23	14.72
Dec. 17	9.46	Aug. 5	a32.19	Sept. 17	13.90	Apr. 22, 1964	10.37
Feb. 18, 1955	9.05	Dec. 4	9.10	Jan. 9, 1962	11.17	July 22	a33.42
June 28	8.95	June 10, 1959	a29.36	Apr. 3	10.24	Oct. 21	11.13
Aug. 25	6.50	Sept. 2	13.35	July 25	22.86	Jan. 27, 1965	9.56
Apr. 7, 1956	8.43	Jan. 17, 1960	12.73	Sept. 25	14.54	Apr. 21	10.10
Oct. 10	11.88	June 11	12.05	Jan. 23, 1963	14.64	July 28	17.08
Dec. 20	8.64	Oct. 3	12.25	May 1	13.22	Oct. 27	12.79

a Well being pumped.

420922N1211855.1. Local number 39/12-29K1. Robert Vogel. Drilled domestic water-table well in basalt, diam 6 in, depth 360 ft, cased with steel to unknown depth. Lsd 4,140 ft above msl. MP top of casing, at lsd. Highest water level 13.44 below lsd, July 24, 1957; lowest 25.46 below lsd, Feb. 18, 1955. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 11, 1954	17.69	July 24, 1957	13.44	May 3, 1961	24.04	Oct. 23, 1963	19.24
Oct. 28	22.62	Dec. 4, 1958	22.06	Sept. 16	b21.00	Apr. 23, 1964	24.79
Dec. 17	24.25	June 10, 1959	13.70	Jan. 9, 1962	25.38	July 23	14.55
Feb. 18, 1955	25.46	Sept. 2	15.82	Apr. 3	25.00	Oct. 22	18.09
June 28	18.20	Jan. 18, 1960	25.04	July 25	16.29	Jan. 28, 1965	19.02
Aug. 25	16.34	June 12	b21.46	Sept. 25	17.29	Apr. 22	23.57
Apr. 7, 1956	21.33	Oct. 13	20.94	Jan. 23, 1963	23.39	July 29	14.52
Oct. 10	16.21	Jan. 14, 1961	b24.77	July 24	15.75	Oct. 28	20.36
Dec. 21	22.07						

b Well pumped recently.

420841N1211508.1. Local number 39/12-36L1. Lloyd Crawford. Drilled domestic and stock artesian well in basalt, diam 6 in, depth 360 ft, cased with steel to unknown depth. Lsd 4,150 ft above msl. MP top of casing, at lsd. Highest water level 33.26 below lsd, Aug. 5, 1958; lowest 43.42 below lsd, May 2, 1961. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 7, 1954	35.24	July 24, 1957	34.47	Jan. 14, 1961	b41.89	July 24, 1963	36.28
Oct. 28	37.40	Apr. 17, 1958	39.45	May 2	43.42	Oct. 23	36.90
Dec. 17	39.27	Aug. 5	33.26	Sept. 16	39.85	Apr. 23, 1964	41.10
Feb. 18, 1955	41.42	Dec. 4	37.76	Jan. 9, 1962	42.67	July 23	35.90
June 28	37.83	June 10, 1959	b39.53	Apr. 3	42.80	Oct. 22	38.48
Aug. 25	b36.09	Sept. 2	b35.78	July 27	36.99	Jan. 28, 1965	36.42
Apr. 7, 1956	38.13	Jan. 18, 1960	b41.85	Sept. 25	36.82	Apr. 22	38.83
Oct. 10	34.55	June 12	a42.49	Jan. 23, 1963	40.06	July 29	34.69
Dec. 21	a40.94	Oct. 13	39.50	May 1	40.71	Oct. 27	37.04

a Well being pumped.

b Well pumped recently.

420638N1212940.1. Local number 40/11-11C1. A. W. Shaupp. Drilled domestic and stock water-table well in basalt, diam 12 in, depth 1,000 ft, cased with steel to unknown depth. Lsd 4,150 ft above msl. MP top of  $\frac{1}{4}$ -in hole in pumpbase flange, 0.60 ft above lsd. Highest water level 5.38 below lsd, Apr. 7, 1956; lowest 28.83 below lsd, July 22, 1964. Records available: 1954-65.

420638N1212940.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 21, 1954	10.77	Apr. 16, 1958	10.14	Jan. 14, 1961	12.07	July 24, 1963	26.92
Oct. 28	10.57	Aug. 5	9.69	May 3	11.45	Oct. 23	19.84
Dec. 17	10.32	Dec. 4	9.39	Sept. 17	12.30	Apr. 22, 1964	15.39
June 28, 1955	11.53	June 10, 1959	9.36	Jan. 9, 1962	12.09	July 22	28.83
Aug. 25	11.86	Sept. 2	10.88	Apr. 3	11.08	Oct. 21	19.76
Apr. 7, 1956	8.38	Jan. 18, 1960	11.55	Sept. 25	24.81	Jan. 27, 1965	15.96
Oct. 10	10.40	June 11	10.92	Jan. 23, 1963	17.15	Apr. 21	13.42
Dec. 20	10.31	Oct. 13	11.83	May 1	14.99	Oct. 27	18.95
July 24, 1957	10.31						

420229N1212415.1. Local number 41/12-3M1. George Rajnus. Drilled domestic water-table well in alluvium, diam 4 in, depth 76 ft, cased with steel to unknown depth. Lsd 4,110 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 0.75 below lsd, Feb. 18, 1955; lowest 4.08 below lsd, July 28, 1965. Records available: 1954-65.

Aug. 31, 1954	0.79	July 24, 1957	3.32	Jan. 14, 1961	2.14	July 24, 1963	3.00
Oct. 28	1.00	Apr. 16, 1958	2.46	May 3	2.20	Oct. 23	2.35
Dec. 17	1.10	Aug. 5	3.33	Sept. 17	2.53	Apr. 22, 1964	2.36
Feb. 18, 1955	.75	Dec. 4	2.61	Jan. 9, 1962	1.69	July 22	3.75
June 28	1.00	June 10, 1959	2.78	Apr. 3	2.11	Oct. 21	2.60
Aug. 25	1.37	Sept. 2	a3.28	July 25	3.66	Jan. 27, 1965	.93
Apr. 7, 1956	.82	Jan. 18, 1960	a2.72	Sept. 25	3.00	Apr. 21	2.54
Oct. 10	2.72	June 11	3.11	Jan. 23, 1963	2.63	July 28	4.08
Dec. 20	3.11	Oct. 13	2.62	May 1	2.43	Oct. 27	3.23

a Well being pumped.

415951N1212715.1. Local number 41/12-19G1. D. P. Reid. Dug domestic and stock water-table well in alluvium, diam unknown, depth about 30 ft, casing information not available. Lsd 4,045 ft above msl. MP edge of concrete curb, 1.50 ft below lsd. Highest water level 3.18 below lsd, May 3, 1961; lowest 11.67 below lsd, June 11, 1960. Records available: 1954-65.

Aug. 31, 1954	a11.37	July 24, 1957	5.20	Jan. 14, 1961	3.52	July 24, 1963	3.64
Oct. 28	a7.45	Apr. 16, 1958	4.10	May 3	3.18	Oct. 23	5.91
Dec. 17	6.77	Aug. 5	a9.75	Sept. 17	b7.77	Apr. 22, 1964	4.96
Feb. 18, 1955	6.83	Dec. 4	5.55	Jan. 9, 1962	4.73	July 22	5.84
June 28	9.25	June 10, 1959	4.75	Apr. 3	4.15	Oct. 21	6.65
Aug. 25	6.00	Sept. 2	5.87	July 25	b10.15	Apr. 21, 1965	4.03
Apr. 7, 1956	3.86	Jan. 18, 1960	6.64	Sept. 25	a9.70	July 28	b9.60
Oct. 10	4.94	June 11	11.67	May 1, 1963	4.84	Oct. 27	5.90
Dec. 20	4.83	Oct. 13	4.76				

a Well being pumped.

b Well pumped recently.

420120N1211225.1. Local number 41/14-7R1. Charles Kilgore. Drilled irrigation water-table well in basalt t trecia, diam 16 to 12 in, depth 210 ft, cased with steel to 8. Lsd 4,150 ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 14.84 below lsd, Jan. 28, 1965; lowest 18.90 below lsd, Sept. 25, 1962. Records available: 1954-65.

Aug. 4, 1954	17.94	July 24, 1957	17.76	Jan. 14, 1961	18.45	Oct. 23, 1963	17.35
Oct. 28	17.77	Apr. 17, 1958	16.37	Sept. 16	18.20	Apr. 23, 1964	17.83
Dec. 17	17.99	Aug. 5	17.33	Jan. 9, 1962	18.40	July 23	16.56
Feb. 18, 1955	17.66	Dec. 4	17.07	Apr. 25	18.09	Oct. 22	17.91
June 28	17.55	June 10, 1959	16.57	July 25	18.15	Jan. 28, 1965	14.84
Aug. 25	18.41	Sept. 2	16.35	Sept. 25	18.90	Apr. 22	17.03
Apr. 7, 1956	16.42	Jan. 18, 1960	18.14	Jan. 23, 1963	17.91	July 29	17.55
Oct. 10	17.08	June 12	17.16	May 5	17.44	Oct. 28	17.55
Dec. 21	17.02	Oct. 13	17.91	July 24	17.77		

Lake County

432435N1210150.1. Local number 25/14-15E1. Ira A. Dutcher. Formerly U. S. Bureau of Land Management. Drilled unused water-table well in basalt, diam 18 in, depth 220 ft, cased with steel. Lsd about 4,350 ft above msl. MP top of corrugated steel casing, at lsd. Highest water level 42.98 below lsd, Apr. 23, 1959; lowest 52.88 below lsd, Oct. 22, 1948. Records available: 1932, 1935-36, 1938-65.

Jan. 12, 1961	43.40	July 11, 1962	43.74	July 9, 1963	43.79	Oct. 6, 1964	44.16
Apr. 28	43.39	Sept. 26	44.00	Oct. 9	43.85	Jan. 13, 1965	44.00
July 4	43.40	Oct. 8	43.83	Jan. 9, 1964	43.87	Apr. 7	43.52
Sept. 15	44.32	Jan. 10, 1963	43.92	Apr. 8	43.90	July 14	43.36
Jan. 5, 1962	43.65	Apr. 8	43.83	July 9	44.04	Oct. 13	43.16
Mar. 19	43.60						

431826N1205537.2. Local number 26/15-22B2. M. Y. Parks. Formerly U. S. Bureau of Land Management. Drilled unused water-table well in lacustrine sediments, diam 12 in, depth 83 ft, cased, 48-in to 6, open hole (?) to 83. Lsd about 4,313 ft above msl. MP copper nail and washer at northeast corner of square opening in plank well covering, at lsd. Highest water level 19.51 below lsd, Aug. 22, 1956; lowest 23.07 below lsd, Feb. 18, 1950. Records available: 1940-41, 1948-65.

Jan. 12, 1961	22.95	July 11, 1962	23.41	July 9, 1963	23.39	Oct. 6, 1964	23.54
Apr. 28	23.06	Sept. 26	23.40	Oct. 9	23.39	Jan. 3, 1965	23.44
July 4	23.12	Oct. 10	23.35	Jan. 9, 1964	23.35	Apr. 6	23.00
Sept. 15	23.20	Jan. 9, 1963	23.37	Apr. 7	23.39	July 14	22.85
Jan. 5, 1962	23.02	Apr. 10	23.35	July 8	23.48	Oct. 13	22.68
Mar. 21	23.03						

431536N1205639.1. Local number 27/15-4G1. M. Y. Parks. Drilled irrigation water-table well in basaltic agglomerate, diam 16 in, depth 257 ft, cased with steel to 14. Lsd about 4,335 ft above msl. MP top of pumpbase flange, at lsd. Highest water level 35.92 below lsd, Mar. 25, 1959; lowest 48.97 below lsd, July 27, 1961. Records available: 1932, 1935-36, 1938-65.



431536N1205639.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1961	36.26	May 28, 1962	39.30	Oct. 29, 1963	36.72	Dec. 29, 1964	36.49
Feb. 25	36.28	June 29	37.62	Dec. 2	36.68	Jan. 13, 1965	36.80
Mar. 31	36.25	July 30	39.07	30	36.76	29	36.69
Apr. 28	36.39	Aug. 28	40.05	Jan. 9, 1964	36.72	Feb. 26	36.49
June 1	37.77	Sept. 26	36.62	30	36.73	Mar. 29	36.40
28	47.20	Oct. 29	36.79	Mar. 1	36.69	Apr. 6	36.32
July 4	36.71	Nov. 29	36.62	31	36.70	29	36.33
27	48.97	Jan. 3, 1963	36.72	Apr. 7	36.78	May 27	38.33
Aug. 27	36.76	Feb. 8	36.70	29	36.77	June 20	37.45
Sept. 15	37.55	27	36.70	May 27	37.66	July 28	36.11
Nov. 30	36.46	Mar. 29	36.63	July 30	36.85	Sept. 1	36.40
Dec. 23	36.55	Apr. 10	36.66	Aug. 29	37.50	Oct. 5	36.14
Jan. 5, 1962	36.58	May 2	36.65	Oct. 2	36.07	13	36.13
29	36.65	June 4	38.92	8	36.90	29	36.13
Feb. 24	36.54	July 9	36.98	29	36.97	Nov. 28	36.09
Mar. 28	36.60	29	36.99	Dec. 2	36.93	Dec. 30	35.97
May 1	36.65	Aug. 29	36.89				

431535N1205640.1. Local number 27/15-4G2. M. Y. Parks. Drilled domestic and stock water-table well in basaltic agglomerate, diam 8 in, depth 100 ft, cased with steel. Lsd about 4,336 ft above msl. MP top of concrete block near well, 0.50 ft above lsd (since Jan. 5, 1962). Highest water level 36.61 below lsd, Oct. 2, 1957; lowest 43.62 below lsd, Oct. 9, 1947. Records available: 1932, 1935-36, 1938-65.

Jan. 12, 1961	38.02	July 11, 1962	38.46	July 9, 1963	38.60	Jan. 15, 1965	38.37
Apr. 28	38.20	Sept. 26	a39.45	Oct. 9	38.29	Apr. 6	37.90
July 4	38.42	Oct. 10	a38.32	Jan. 9, 1964	38.34	July 14	38.69
Sept. 15	38.09	Jan. 9, 1963	a38.85	Apr. 7	37.86	Oct. 15	37.72
Mar. 21, 1962	38.11	Apr. 10	38.25	Oct. 8	38.49		

a Well being pumped.

431238N1204056.2. Local number 27/17-22R2. James Bohst. Formerly Hugh Wahl. Drilled unused water-table well in sand, diam 8 in, depth 54 ft, cased with steel. Lsd about 4,325 ft above msl. MP top of casing, 0.10 ft above lsd. Highest water level 22.62 below lsd, June 1, 1959; lowest 28.28 below lsd, Aug. 5, 1948. Records available: 1938, 1940-44, 1946-65.

Jan. 12, 1961	23.55	July 10, 1962	24.18	July 8, 1963	24.13	Oct. 26, 1964	24.35
Apr. 28	23.61	Sept. 26	24.11	Oct. 7	24.13	Jan. 11, 1965	24.18
July 3	23.80	Oct. 9	24.09	Jan. 7, 1964	24.05	Apr. 5	23.77
Sept. 15	23.94	Jan. 7, 1963	23.96	Apr. 6	24.70	July 12	23.83
Jan. 5, 1962	23.79	Apr. 10	23.90	July 7	24.52	Oct. 11	23.64
Mar. 21	23.83						

431547N1203902.1. Local number 27/18-6E2. Rose T. Morici. Formerly Roy Moorehouse. Drilled unused water-table well in sand, diam 8 in, depth 83 ft, cased with steel to 10. Lsd about 4,317 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 20.75 below lsd, Oct. 12, 1955; lowest 25.19 below lsd, Apr. 1, 1953. Records available: 1940-65.

Jan. 12, 1961	21.81	July 9, 1962	22.01	July 8, 1963	22.26	Oct. 7, 1964	21.77
Apr. 28	22.36	Sept. 26	22.33	Oct. 8	22.35	Jan. 12, 1965	21.71
July 3	21.93	Oct. 9	22.29	Jan. 8, 1964	22.20	Apr. 6	21.42
Sept. 15	22.20	Jan. 8, 1963	22.39	Apr. 7	22.12	July 13	21.02
Jan. 5, 1962	22.22	Apr. 9	22.33	July 8	21.85	Oct. 12	20.75
Mar. 21	22.84						

431320N1203501.1. Local number 27/18-21A1. Chewaucan Land and Cattle Co. Drilled abandoned oil-test water-table (?) well in basalt (?), diam 6 in, depth 635 ft, cased with steel. Lsd 4,330 ft above msl. MP top of casing, at lsd. Highest water level 26.62 below lsd, Apr. 28, 1961; lowest 28.53 below lsd, Nov. 6, 1955. Records available: 1955-65.

Nov. 6, 1955	28.53	Aug. 8, 1958	27.12	Oct. 14, 1960	26.95	July 8, 1963	27.21
Apr. 6, 1956	28.19	Sept. 4	27.16	Jan. 12, 1961	26.74	Oct. 8	27.40
Aug. 22	28.05	27	27.15	Apr. 28	26.62	Jan. 8, 1964	27.16
Oct. 16	27.82	Oct. 15	27.75	July 3	26.85	Apr. 7	26.88
Apr. 16, 1957	27.61	May 14, 1959	26.90	Sept. 15	27.18	July 7	27.11
May 2	27.64	July 1	27.78	Jan. 5, 1962	26.99	Oct. 7	27.33
Aug. 10	27.60	Aug. 30	26.96	July 9	27.23	Jan. 12, 1962	27.01
21	27.96	Jan. 15	26.79	Sept. 26	27.41	Apr. 6	26.70
Oct. 23	27.56	Oct. 16, 1960	26.64	Jan. 8, 1963	27.09	July 13	26.89
Jan. 14, 1958	26.78	June 13	26.66	Apr. 9	26.94	Oct. 12	26.84
Apr. 24	27.63						

430508N1195820.1. Local number 29/23-3J1. U. S. Soil Conservation Service. Drilled unused artesian (previously reported water-table) well in basalt (?), diam 8 in, depth 177 ft, cased with steel. Lsd about 4,225 ft above msl. MP top of collar on casing, at lsd. Highest water level 14.42 below lsd, July 27, 1965; lowest 19.11 below lsd, Sept. 5, 1951, Oct. 15, 1953. Records available: 1945, 1947-65.

Jan. 11, 1961	17.70	July 24, 1962	17.52	Oct. 22, 1963	17.47	Jan. 26, 1965	17.50
May 3	17.61	Sept. 25	17.52	Apr. 21, 1964	17.48	Apr. 20	17.41
Sept. 14	17.62	Jan. 22, 1963	17.54	July 21	17.42	July 27	14.42
Jan. 5, 1962	17.62	Apr. 30	17.41	Oct. 20	17.51	Oct. 26	17.40
May 1	17.52	July 23	17.48				

432350N1195315.1. Local number 35/24-9J1. U. S. Bureau of Land Management. Drilled unused artesian well in basalt, diam 8 in, depth 376 ft, cased with steel to 22. Lsd about 4,525 ft above msl. MP top of casing collar, 0.50 ft above lsd. Highest water level 7.34 below lsd, Apr. 12, 1959, July 27, 1965; lowest 8.77 below lsd, July 9, 1950. Records available: 1949-65.

Jan. 12, 1961	8.20	July 24, 1962	8.44	Oct. 22, 1963	8.01	Jan. 26, 1965	7.52
May 3	8.08	Sept. 25	8.61	Apr. 21, 1964	8.00	Apr. 20	7.43
Sept. 14	8.75	Jan. 22, 1963	8.19	July 21	7.76	July 27	7.34
Jan. 11, 1962	8.50	Apr. 30	7.79	Oct. 20	8.11	Oct. 26	7.38
May 1	8.24	July 23	7.89				

422900N1201652.1. Local number 36/21-6B1. S. V. Carroll. Dug unused water-table well in sand, size 8 x 8 ft, depth 21 ft, uncased. Lsd 4,321.6 ft above msl. MP top of 1-in pipe, 4.50 ft above lsd. Highest water level 7.83 below lsd, July 26, 1965; lowest 17.21 below lsd, Aug. 27, 1938. Records available: 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1961	12.63	July 23, 1962	12.89	July 22, 1963	10.41	Jan. 25, 1965	9.17
May 4	12.92	Sept. 23	12.95	Oct. 21	10.71	Apr. 19	8.03
Sept. 14	13.27	Oct. 22	12.57	Apr. 20, 1964	10.70	July 26	7.83
Jan. 11, 1962	13.48	Jan. 21, 1963	12.08	July 20	10.37	Oct. 25	8.30
Apr. 30	13.46	Apr. 30	11.21	Oct. 19	10.48		

422450N195411.1. Local number 36/24-28M1. Lloyd Grisel. Formerly J. P. Eagan. Drilled domestic water-table well in gravel, diam 6 in, depth 40 ft, cased with steel. Lsd about 4,512 ft above msl. MP top of plank well covering, 0.60 ft above lsd. Highest water level 17.17 below lsd, Apr. 12, 1959; lowest 27.56 below lsd, Jan. 11, 1962. Records available: 1948-65.

Jan. 12, 1961	26.67	July 24, 1962	20.87	July 23, 1963	19.65	Jan. 26, 1965	21.57
May 4	20.02	Sept. 25	24.24	Oct. 22	23.29	Apr. 20	18.38
Sept. 14	24.68	Oct. 23	24.39	Apr. 21, 1964	19.40	July 27	19.31
Jan. 11, 1962	27.56	Jan. 22, 1963	23.40	July 21	19.01	Oct. 26	18.16
May 1	20.33	Apr. 30	20.31	Oct. 20	23.17		

422432N195420.1. Local number 36/24-32A1. James Kiely. Formerly Thomas J. Murphy. Dug stock and irrigation water-table well in gravel, size 4 x 4 ft, depth 23 ft, cased with 12-in corrugated steel to 23. Lsd about 4,512 ft above msl. MP top of culvert pipe casing, 1.25 ft below lsd. Highest water level 10.79 below lsd, June 19, 1952; lowest 19.75 below lsd, Oct. 29, 1940. Records available: 1940, 1948-65.

Jan. 12, 1961	18.31	July 24, 1962	13.37	July 23, 1963	12.36	Jan. 26, 1965	13.48
May 4	13.21	Sept. 25	16.54	Oct. 22	15.84	Apr. 20	11.51
Sept. 14	17.07	Oct. 23	16.25	Apr. 21, 1964	13.00	July 27	13.65
Jan. 11, 1962	19.10	Jan. 22, 1963	15.69	May 21	12.02	Oct. 26	11.69
May 1	12.84	Apr. 30	12.93	Oct. 20	15.58		

421445N195230.1. Local number 38/24-27M1. Charles Crump. Drilled unused artesian well in gravel, diam 6 in, depth 81 ft, cased with steel to 60. Lsd about 4,495 ft above msl. MP top of casing, at lsd. Highest water level 0.00, several times, 1952-58, 1963-65; lowest 2.19 below lsd, Jan. 15, 1960. Records available: 1948-65.

Jan. 12, 1961	1.39	July 24, 1962	0.50	Oct. 22, 1963	0.41	Jan. 26, 1965	0.00
May 7	1.02	Sept. 25	.92	Apr. 21, 1964	.28	Apr. 20	.00
Sept. 14	1.63	Jan. 22, 1963	.23	July 21	.00	July 27	.06
Jan. 11, 1962	1.38	Apr. 30	(j)	Oct. 20	.69	Oct. 26	.02
May 1	.60	July 27	(j)				

j Well flowing.

420837N1202715.1. Local number 39/19-34H1. William Hoffman. Drilled domestic and stock artesian well in unknown aquifer, diam 6 in, depth 110 ft, cased to 110. Lsd 4,805 ft above msl. MP top of  $\frac{1}{2}$ -in vent pipe, 2.00 ft above lsd. Highest water level 23.78 below lsd, Oct. 13, 1960; lowest 31.43 below lsd, May 1, 1962. Records available: 1960-65.

Aug. 9, 1960	24.33	Jan. 11, 1962	27.40	May 1, 1963	27.44	Oct. 21, 1964	28.03
Oct. 13	23.78	May 1	31.43	July 24	a35.84	Jan. 27, 1965	26.31
Jan. 12, 1961	a34.59	July 24	a37.09	Oct. 23	27.25	Apr. 20	26.66
May 4	b30.82	Sept. 25	28.00	Apr. 22, 1964	26.14	July 27	a37.48
Sept. 14	25.20	Jan. 23, 1963	b34.70	July 22	b32.91	Oct. 27	a34.39

a Well being pumped.

b Well pumped recently.

421032N195358.2. Local number 39/24-21F2. J. G. Dyke. Drilled domestic water-table well in gravel, diam 6 in, depth 165 ft, cased with steel. Lsd about 4,542 ft above msl. MP top east side of casing, 0.50 ft above lsd. Highest water level 10.84 below lsd, July 9, 1950; lowest 19.34 below lsd, Jan. 15, 1960. Records available: 1948-65.

Jan. 12, 1961	18.82	Sept. 25, 1962	a18.07	Oct. 22, 1963	14.06	Jan. 26, 1965	16.68
May 4	b9.59	Oct. 23	a18.45	Apr. 21, 1964	a17.99	Apr. 20	15.55
Jan. 11, 1962	19.15	Jan. 22, 1963	a19.19	July 21	14.19	July 27	a18.36
May 1	18.09	Apr. 30	a17.33	Oct. 20	15.57	Oct. 26	17.10
July 24	13.35	July 23	a17.40				

a Well being pumped.

b Well pumped recently.

420618N1201955.1. Local number 40/20-14D1. Snyder and Alexis. Drilled irrigation water-table well in alluvium, diam 16 in, depth 305 ft, cased to 220. Lsd 4,700 ft above msl. MP edge of  $2\frac{1}{2}$ -in access pipe, at lsd. Highest water level flowing, July 21, 1964; lowest 14.63 below lsd, Sept. 25, 1962. Records available: 1960-65.

Aug. 9, 1960	8.78	Jan. 11, 1962	4.20	Jan. 23, 1963	1.32	July 21, 1964	(j)
Oct. 10	5.05	May 1	1.29	Apr. 30	.02	Oct. 19	3.66
Jan. 12, 1961	2.90	July 24	a108.18	July 23	.02	Apr. 19, 1965	.05
May 3	1.16	Sept. 25	14.63	Oct. 22	5.31	July 27	.05
Sept. 14	a59	Oct. 22	4.46	Apr. 21, 1964	.06	Oct. 26	1.27

a Well being pumped.

j Well flowing.

#### Lane County

440803N1230426.1. Local number 16/3W-32G1. Leo Sidwell. Dug irrigation water-table well in young alluvium, diam 4 ft, depth 19 ft, cribbed with concrete tile. In August 1965, new well drilled inside old well, tapping sand and gravel, diam 8 in, depth 40 ft, cased. Lsd 388.98 ft above msl. MP top of casing, 8.00 ft below lsd (since August 1965). Highest water level 6.53 below lsd, Jan. 16, 1938; lowest 17.07 below lsd, Sept. 17, 1965. Records available: 1928-30, 1935-36, 1938-65.

Jan. 16, 1961	9.73	Sept. 25, 1962	13.38	Oct. 28, 1963	13.45	Jan. 20, 1965	8.46
Sept. 17	13.20	Nov. 1	12.40	Jan. 23, 1964	7.65	Apr. 26	13.16
Jan. 8, 1962	9.20	Feb. 14, 1963	9.83	Apr. 17	11.47	Sept. 17	17.07
Mar. 26	10.28	Apr. 15	9.24	July 27	14.56	Oct. 20	16.45
Aug. 14	13.40	July 30	13.56	Oct. 16	14.06		

Linn County

444300N1230725.1. Local number 10/4W-12F2. Henry Hoefler. Drilled domestic water-table well in gravel, diam 8 in, depth 32 ft, cased with steel. Lsd 185.74 ft above msl. MP top of casing, 3.20 ft above lsd. Highest water level 7.62 below lsd, Jan. 14, 1936; lowest 24.88 below lsd, Sept. 1, 1959. Records available: 1928-30, 1935-36, 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1961	15.16	Sept. 25, 1962	24.45	Oct. 17, 1963	23.26	Jan. 18, 1965	13.71
Sept. 29	24.47	Oct. 30	22.80	Jan. 20, 1964	13.11	Apr. 14	19.77
Jan. 8, 1962	13.35	Feb. 13, 1963	17.41	Apr. 15	19.51	July 8	22.82
Mar. 26	17.73	Apr. 4	16.63	July 15	22.32	Oct. 6	24.52
Aug. 14	24.34	July 17	20.87	Oct. 14	23.59		

443151N1225336.1. Local number 12/2W-14B1. Sigurd H. Lanstrom. Dug irrigation water-table well in alluvium, size 5 x 5 ft, depth 16 ft, concrete wall to bottom. Lsd about 346 ft above msl. MP lower lip on west side of concrete curb, 1.00 ft above lsd. Highest water level 0.22 above lsd, Dec. 22, 1955; lowest 12.77 below lsd, Sept. 1, 1959. Records available: 1941-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1961	7.86	Aug. 14, 1962	11.51	July 17, 1963	11.30	Oct. 14, 1964	12.56
May 6	9.36	Sept. 25	11.33	Oct. 17	12.20	Jan. 19, 1965	5.65
Sept. 17	11.42	Oct. 31	8.62	Jan. 21, 1964	6.29	Apr. 16	10.73
Jan. 8, 1962	8.40	Jan. 10, 1963	10.64	Apr. 16	10.16	July 8	11.63
Mar. 29	7.33	Apr. 4	7.86	July 16	11.90	Oct. 8	10.99

442322N1230253.1. Local number 13/3W-34N1. Keeney School, District 51. Driven unused water-table well in alluvium, diam 1½ in, depth 12 ft, screened 10-12. Lsd 285.0 ft above msl. MP top of 1½-in pipe, 0.20 ft above lsd. Highest water level 0.67 below lsd, Jan. 6, 1936; lowest 9.50 below lsd, Sept. 30, 1965. Records available: 1928-30, 1935-36, 1939-46, 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1961	1.93	May 29, 1962	3.95	Sept. 28, 1963	4.38	Dec. 31, 1964	6.03
30	2.45	June 28	6.10	Oct. 28	5.34	Jan. 19, 1964	2.41
Feb. 27	2.10	July 30	8.04	Nov. 28	4.66	25	2.55
Mar. 30	2.13	Aug. 31	7.68	Dec. 21	4.20	Feb. 25	2.36
May 2	3.35	Sept. 25	8.56	Jan. 21, 1964	3.81	Mar. 3	3.49
31	3.94	Oct. 26	5.54	29	2.72	Apr. 14	3.54
June 29	6.05	Nov. 30	2.02	Feb. 28	2.68	May 27	4.05
July 31	7.66	Dec. 31	2.66	Mar. 29	2.71	May 27	4.40
Aug. 31	8.19	Jan. 21, 1963	2.58	Apr. 15	2.75	June 2	4.85
Sept. 17	8.49	Mar. 1	2.17	30	2.86	July 7	5.60
29	8.40	23	3.06	May 1	3.95	27	8.72
Oct. 27	8.13	Apr. 5	1.79	June 29	4.14	Aug. 27	9.08
Nov. 29	2.66	29	1.84	July 27	5.62	Sept. 30	9.50
Dec. 21	2.41	May 24	2.13	Aug. 24	7.73	Oct. 8	9.36
Jan. 8, 1962	2.33	June 28	2.50	Sept. 23	7.66	29	9.20
29	2.92	July 17	2.95	Oct. 23	7.97	Nov. 26	7.55
Mar. 1	2.71	27	3.34	Nov. 27	7.08	Dec. 27	2.46
29	1.93	Aug. 28	3.91				

Malheur County

441730N1174615.1. Local number 15/40-2J1. Max Holloway. Drilled irrigation water-table well in gravel, diam 12 in, depth 421 ft, cased with steel to 55. Lsd 3,898.3 ft above msl. MP top of casing collar, 0.60 ft above lsd. Highest water level 18.28 below lsd, May 18, 1951; lowest 37.86 below lsd, Aug. 13, 1964. Records available: 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	31.28	Aug. 21, 1962	35.43	Nov. 7, 1963	33.95	Feb. 18, 1965	33.89
Mar. 29	30.70	Nov. 16	34.00	May 7, 1964	32.87	May 6	32.93
Sept. 12	35.21	Feb. 7, 1963	33.33	Aug. 13	37.86	Nov. 18	34.05
Apr. 17, 1962	30.42	May 9	32.29	Nov. 19	34.61		

441710N1174723.1. Local number 15/40-2N1. Rankin Crow. Drilled irrigation water-table (?) well in gravel, diam 10 in, depth 310 ft, cased with steel to 170. Lsd about 3,975 ft above msl. MP top of 1½-in (previously reported 1¼-in) access pipe in east side of concrete well cover, 1.00 ft above lsd. Highest water level 31.06 below lsd, Mar. 18, 1951; lowest 55.12 below lsd, Aug. 13, 1964. Records available: 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	46.78	Aug. 21, 1962	52.95	Aug. 8, 1963	54.16	Feb. 18, 1965	48.65
Mar. 29	46.06	Nov. 16	49.65	Nov. 7	49.86	May 6	48.06
Sept. 12	50.64	Feb. 7, 1963	48.68	Aug. 13, 1964	55.12	Aug. 12	53.30
Apr. 17, 1962	44.77	May 9	47.77	Nov. 19	50.40	Nov. 18	49.75

440067N1170004.1. Local number 18/47-17D1. Earl Wenver. Drilled domestic water-table well in unknown aquifer, diam 3 in, depth 135 ft, cased with steel to 135. Lsd about 2,160 ft above msl. MP top of casing, 0.95 ft above lsd. Highest water level 6.91 below lsd, Sept. 9, 1952; lowest 14.10 below lsd, May 18, 1965. Records available: 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	10.85	Aug. 22, 1962	8.58	Aug. 20, 1963	11.00	Mar. 2, 1965	9.84
Mar. 29	11.50	Sept. 26	11.50	Nov. 19	9.86	May 18	14.10
Sept. 12	7.99	Nov. 28	9.96	May 20, 1964	13.90	Aug. 24	10.47
Jan. 4, 1962	10.72	Feb. 27, 1963	10.46	Aug. 25	10.06	Nov. 30	10.17
Apr. 18	11.39	May 22	13.38	Dec. 1	10.19		

434450N1180440.1. Local number 21/38-17Q1. Charles Wilson. Dug irrigation water-table well in gravel, diam 12 in, depth 14 ft, cribbed with concrete tile to bottom. Lsd about 2,960 ft above msl. MP top of concrete well casing, at lsd. Highest water level 3.07 below lsd, June 23, 1952; lowest 11.18 below lsd, Apr. 16, 1954. Records available: 1945-56, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1961	8.88	Aug. 21, 1962	6.02	Aug. 19, 1963	6.02	Mar. 2, 1965	8.24
Mar. 29	10.49	Sept. 26	7.75	Nov. 18	7.62	May 17	9.74
Sept. 12	5.43	Nov. 27	7.05	May 19, 1964	9.92	Aug. 23	5.16
Jan. 4, 1962	9.04	Feb. 26, 1963	9.88	Aug. 24	4.05	Nov. 29	7.32
Apr. 18	10.72	May 21	6.27	Nov. 30	7.72		

434445N1180448.1. Local number 21/38-17R1. Idaho Power and Light Co. Driven observation water-table well in alluvium, diam 1½ in, depth about 10 ft, cased with iron to ±10. Lsd 2,950 ft above msl. MP top of casing, 1.10 ft above lsd. Highest water level 1.18 below lsd, Sept. 26, 1962; lowest 6.55 below lsd, Apr. 10, 1959. Records available: 1958-65.

434445N1180448.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 23, 1958	2.04	Jan. 4, 1962	4.39	May 21, 1963	2.76	Nov. 30, 1964	3.25
Apr. 10, 1959	6.55	Apr. 15	3.94	Aug. 19	2.23	Mar. 2, 1965	3.40
Oct. 11, 1960	2.24	Aug. 21	2.49	Nov. 18	3.66	May 17	3.74
Jan. 10, 1961	2.48	Sept. 26	1.18	May 19, 1964	3.56	Aug. 23	1.97
Mar. 29	5.09	Nov. 27	2.73	Aug. 24	1.47	Nov. 29	3.10
Sept. 12	2.74	Feb. 26, 1963	4.21				

430730N1180730.1. Local number 28/37-24A1 (previously reported 23R1). Earl Obenchain. Dug domestic water-table well in gravel, diam 4 ft, depth 30 ft, cribbed with rock to bottom. Lsd about 4,060 ft above msl. MP top south side of concrete casing, 1.55 ft above lsd. Highest water level 2.37 below lsd, Mar. 3, 1965; lowest 18.40 below lsd, Jan. 22, 1955. Records available: 1950-65.

Jan. 11, 1961	13.84	Aug. 23, 1962	9.56	Nov. 20, 1963	12.50	Mar. 3, 1965	2.37
May 5	5.05	Nov. 29	14.11	May 21, 1964	2.78	May 19	3.77
Sept. 13	13.05	Feb. 28, 1963	3.33	Aug. 6	5.17	Aug. 25	8.37
Jan. 12, 1962	15.63	May 23	4.10	Dec. 2	11.44	Dec. 1	8.93
May 2	3.82	Aug. 21	9.48				

430240N1181300.1. Local number 29/37-19A1. George Renick. Drilled unused water-table (?) well in basalt (?), diam 6 in, depth 201 ft, cased with steel. Lsd about 4,067 ft above msl. MP top of casing, at highest point, 0.50 ft above lsd. Highest water level 85.23 below lsd, Dec. 30, 1962; lowest 86.26 below lsd, May 21, 1964. Records available: 1950-64. Well destroyed; measurement discontinued.

Jan. 11, 1961	85.96	May 3, 1962	86.00	May 23, 1963	85.99	May 21, 1964	86.26
May 5	85.95	Aug. 23	86.14	Aug. 21	86.15	Aug. 26	86.09
Sept. 13	85.94	Nov. 29	86.10	Nov. 20	85.88	Dec. 2	85.87
Jan. 12, 1962	85.70	Feb. 28, 1963	86.13				

424639N1175105.1. Local number 32/40-18K1. Keith Wallace. Drilled domestic and public-supply artesian well in volcanic rock, diam 6 in, depth 358 ft, cased to 160. Lsd about 4,000 ft above msl. MP  $\frac{1}{2}$ -in hole in top of casing, 0.70 ft above lsd. Highest water level 234.90 below lsd, Jan. 12, 1962; lowest 243.52 below lsd, Aug. 5, 1958. Records available: 1950-65.

Jan. 11, 1961	236.74	Aug. 22, 1962	238.04	Aug. 20, 1963	a252.67	Mar. 2, 1965	235.38
May 5	235.40	Nov. 27	235.10	Nov. 19	236.80	May 18	b241.20
Sept. 13	242.30	Feb. 27, 1963	238.85	May 20, 1964	a250.15	Aug. 24	235.54
Jan. 12, 1962	234.90	May 22	235.94	Dec. 1	235.80	Nov. 30	238.90
May 3	235.10						

- a Well being pumped,  
b Well pumped recently.

423525N1175225.1. Local number 34/39-13L1. Civil Aeronautics Administration. Drilled observation water-table well in basalt (?), diam 10 in, depth 205 ft, cased with steel to unknown depth. Lsd 4,050 ft above msl. MP top of casing, at lsd. Highest water level 194.19 below lsd, Jan. 12, 1962; lowest 207.20 below lsd, Sept. 13, 1961. Records available: 1954-56, 1958-65.

July 10, 1954	205.14	Aug. 5, 1958	194.51	Sept. 13, 1961	207.20	Nov. 19, 1963	194.37
Sept. 14	204.48	Sept. 24	194.53	Jan. 12, 1962	194.19	May 20, 1964	194.49
Jan. 22, 1955	206.58	Aug. 28, 1959	194.52	May 2	194.53	Aug. 25	194.40
Apr. 30	205.15	Jan. 14, 1960	194.46	Aug. 22	194.59	Dec. 1	194.34
Nov. 7	194.57	Aug. 8	194.42	Nov. 29	194.77	Mar. 2, 1965	194.51
Apr. 10, 1956	194.47	Oct. 12	184.46	Feb. 27, 1963	194.50	May 18	194.28
Dec. 1	194.55	Jan. 11, 1961	194.43	May 22	194.44	Aug. 24	194.54
Jan. 16, 1958	194.62	May 5	194.50	Aug. 20	194.44	Nov. 30	196.22
Apr. 23	194.56						

422504N1175155.1. Local number 36/41-26J1. U. S. Bureau of Land Management. Drilled unused water-table well in basalt (?), diam 8 in, depth 222 ft, cased with steel to unknown depth. Lsd 4,200 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 194.07 below lsd, May 2, 1962; lowest 213.65 below lsd, Sept. 13, 1961. Records available: 1961-65.

Jan. 11, 1961	206.40	Aug. 27, 1962	211.16	Nov. 19, 1963	206.12	Mar. 2, 1965	205.47
May 5	206.26	Nov. 29	206.83	May 20, 1964	206.50	May 18	209.51
Sept. 13	213.68	Feb. 27, 1963	206.54	Aug. 25	206.37	Aug. 24	206.34
Jan. 12, 1962	206.07	May 22	206.36	Dec. 1	206.11	Nov. 30	206.47
May 2	194.07	Aug. 20	206.41				

420010N1174310.1. Local number 41/43-19A1. Victor Albisu. Drilled domestic water-table well in alluvium, diam 6 in, depth 98 ft, cased with steel to unknown depth. Lsd 4,420 ft above msl. MP top of casing, 5.35 ft below lsd. Highest water level 14.53 below lsd, Apr. 23, 1958; lowest 27.91 below lsd, Aug. 20, 1963. Records available: 1955-65.

Jan. 23, 1955	18.90	Aug. 6, 1958	23.24	May 2, 1962	26.59	May 20, 1964	26.40
Nov. 7	19.25	Sept. 25	18.48	Aug. 22	26.72	Aug. 25	27.85
Apr. 10, 1956	18.83	Aug. 27, 1959	b44.77	Nov. 29	22.32	Dec. 1	22.43
Dec. 1	19.63	Jan. 14, 1960	23.71	Feb. 27, 1963	21.65	Mar. 2, 1965	21.49
Apr. 19, 1957	17.75	May 5, 1961	22.90	May 22	25.22	May 19	24.25
Jan. 16, 1958	17.44	Sept. 13	27.65	Aug. 20	27.91	Aug. 24	22.82
Apr. 23	14.53	Jan. 12, 1962	23.08	Nov. 19	21.82	Nov. 30	20.08

- b Well pumped recently.

#### Marion County

451526N1224637.1. Local number 4/1W-2C1. W. F. Keil. Drilled domestic water-table well in valley fill, diam 10 in, depth 26 ft, cased with steel. Lsd 186.69 ft above msl. MP top of galvanized casing extension, 2.16 ft above lsd. Highest water level 0.01 below lsd, Dec. 21, 1955; lowest 21.66 below lsd, Mar. 20, 1939. Records available: 1928-30, 1935-36, 1938-65.

451526N1224637, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1961	0.26	Mar. 29, 1962	0.91	May 15, 1963	1.35	Aug. 23, 1964	10.31
Feb. 16	.83	July 17	8.60	Aug. 13	9.91	Oct. 27	12.05
Mar. 31	1.47	Sept. 25	11.39	Nov. 13	9.78	Jan. 22, 1965	1.38
July 7	7.58	Nov. 9	10.68	Feb. 10, 1964	1.68	Apr. 28	2.44
Sept. 18	12.64	Feb. 19, 1963	1.36	May 27	6.95	July 23	10.24
Jan. 15, 1962	2.01						

451232N1224623, 1. Local number 4/1W-23G1. Donald Olmstead. Formerly Julius Sather. Dug unused water-table well in alluvium, diam 4 ft, depth 60 ft, cribbed with brick to bottom. Lsd about 175 ft above msl. MP top of concrete well cover, 0.50 ft above lsd. Highest water level 44.78 below lsd, June 7, 1951; lowest 57.82 below lsd, Sept. 28, 1945. Records available: 1945-65.

Jan. 6, 1961	53.80	Mar. 29, 1962	52.79	Aug. 13, 1963	55.11	Oct. 27, 1964	53.53
Feb. 16	55.93	July 17	55.14	Nov. 13	53.26	Jan. 22, 1965	53.74
Mar. 31	53.80	Sept. 25	55.37	Feb. 10, 1964	52.88	Apr. 28	53.42
July 7	55.03	Nov. 9	55.53	May 27	53.40	July 23	52.48
Sept. 18	52.32	Feb. 19, 1963	55.70	July 29	53.45	Oct. 22	52.50
Jan. 15, 1962	52.62	May 17	55.34				

452530N1285631, 1. Local number 4/2W-4C1. Dr. C. A. Bump. Formerly W. J. Gering. Dug domestic water-table well in alluvium, diam 36 in, depth 23 ft, cribbed with concrete tile to bottom. Lsd 123.57 ft above msl. MP edge of concrete curb, 1.80 ft above lsd. Highest water level 1.60 below lsd, Dec. 21, 1955; lowest 19.90 below lsd, Dec. 5, 1939. Records available: 1928-30, 1935-36, 1938-65.

Jan. 6, 1961	9.78	Aug. 2, 1962	14.39	Aug. 16, 1963	13.25	Nov. 9, 1964	15.80
Mar. 30	7.83	Sept. 7	16.00	Dec. 4	12.73	Feb. 10, 1965	8.69
July 7	13.68	25	15.32	Feb. 19, 1964	9.63	May 12	11.48
Sept. 19	14.76	Dec. 4	11.46	May 27	11.94	Aug. 17	15.09
Jan. 15, 1962	12.70	Mar. 5, 1963	9.94	Aug. 7	13.85	Nov. 8	16.05
Mar. 29	10.24	June 3	12.53				

451028N1285446, 1. Local number 4/2W-34R1. Charles Johnson. Formerly Johnson School. Dug unused water-table well in alluvium, diam 18 in, depth 20 ft, cribbed with concrete tile (previously reported fill) to bottom. Lsd 172.86 ft above msl. MP top of concrete casing (previously reported pipe), 1.50 ft above lsd. Highest water level 0.47 above lsd, Dec. 21, 1955; lowest 20.79 below lsd, Sept. 23, 1957. Records available: 1928-30, 1935-36, 1938-65.

Jan. 6, 1961	0.96	Jan. 15, 1962	3.98	Mar. 5, 1963	2.03	Aug. 7, 1964	17.78
Feb. 16	.87	Mar. 29	1.44	June 3	6.32	Nov. 9	18.60
Mar. 30	1.52	Aug. 2	15.88	Aug. 16	17.26	Feb. 10, 1965	1.77
Apr. 21	4.03	18	17.09	Dec. 4	9.05	May 11	7.97
Aug. 11	17.72	Sept. 25	18.50	Feb. 18, 1964	2.52	Aug. 17	18.79
Sept. 18	17.88	Dec. 4	1.30	May 27	10.96	Nov. 8	19.23
Oct. 31	17.88						

450620N1285305, 1. Local number 5/2W-25M1. Agricultural Research Corp. (Sam H. Brown) Drilled irrigation water-table well in sand and gravel, diam 18 to 6 in, depth 252 ft, casing perforated 117-147, 215-245. Lsd 180.31 ft above msl. MP top edge of 1-in plank seal around pump column, 0.65 ft below lsd. Highest water level 13.74 below lsd, Mar. 11, 1948; lowest 45.97 below lsd, Aug. 15, 1963. Records available: 1929-30, 1935-36, 1938-65.

Jan. 6, 1961	18.19	Sept. 18, 1961	28.00	Mar. 7, 1963	17.70	Aug. 7, 1964	38.87
Feb. 16	14.66	Oct. 31	25.05	June 5	20.81	Nov. 9	25.57
Mar. 31	14.35	Jan. 15, 1962	20.40	Aug. 15	45.97	Feb. 10, 1965	14.91
Apr. 21	15.40	Mar. 29	17.11	Dec. 3	20.48	May 11	17.36
July 7	28.56	Sept. 25	29.95	Feb. 19, 1964	15.28	Nov. 8	26.25
Aug. 11	43.62	Dec. 4	21.14	May 27	24.24		

450350N1224430, 1. Local number 6/1-7M1. Sheldon Johnson. Formerly Fred Lucht. Dug unused water-table well in gravel, diam 36 in, depth 21 ft, cribbed with brick. Lsd 260.38 ft above msl. MP top of plank cover, 1.00 ft above lsd. Highest water level 0.00, Jan. 6, 1961; lowest 17.50 below lsd, Dec. 5, 1939. Records available: 1928-30, 1935-36, 1938-65.

Jan. 6, 1961	0.00	July 17, 1962	8.23	Aug. 15, 1963	10.49	Nov. 12, 1964	12.79
Mar. 31	1.46	Sept. 25	12.09	Dec. 3	2.48	Feb. 9, 1965	1.75
July 7	7.85	Dec. 3	.74	Feb. 13, 1964	1.90	May 11	4.92
Sept. 18	12.58	Feb. 19, 1963	1.63	May 26	5.96	Aug. 17	12.22
Jan. 15, 1962	1.30	May 17	2.23	Aug. 6	10.75	Nov. 5	14.08
Apr. 6	1.10						

450003N1230308, 1. Local number 6/3W-33R1. Gideon E. Stolz. Drilled unused water-table well in gravel and cobbles, diam 8 to 6 in, depth 57 ft, perforated at bottom. Lsd 133.14 ft above msl. MP 1-in bored hole at base of pump, 1.00 ft above lsd. Highest water level 14.99 below lsd, Feb. 16, 1961; lowest 33.43 below lsd, Sept. 6, 1955. Records available: 1929-30, 1935-36, 1938-63. Well destroyed; measurement discontinued.

Jan. 6, 1961	23.70	July 7, 1961	25.97	Mar. 29, 1962	21.97	Dec. 5, 1962	22.31
Feb. 16	14.99	Aug. 11	28.20	Aug. 13	28.44	Mar. 7, 1963	22.52
Mar. 30	15.96	Sept. 17	28.35	14	28.42	June 3	21.38
Apr. 21	19.40	Jan. 15, 1962	21.35	Sept. 25	29.02		

## Morrow County

453730N129630, 1. Local number 2N/27-28H1. Ed Tucker. Drilled irrigation artesian well tapping confined water in Columbia River Group, diam 12 in, reported depth 263 ft, cased with steel to 33. Lsd 950 ft above msl. MP center of owner's air gate, at lsd. Highest water level 14 below lsd, Mar. 29, 1954; lowest 122.05 below lsd, Aug. 10, 1965. Records available: 1953-62, 1964. No measurement made in 1963 or 1965. Jan. 9, 1961, 73; Mar. 28, 44; Sept. 11, 71; Jan. 3, 1962, 51; Apr. 10, 66 (well pumped recently); Aug. 10, 1964, 122.05.

454810N1193058.1. Local number 4N/26-25E1. Fred Andrews. Drilled stock water-table well in glaciofluvial deposits, diam 6 in, depth 170 ft, cased with steel to unknown depth. Lsd 580 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 45.83 below lsd, Jan. 3, 1962; lowest 52.70 below lsd, Jan. 22, 1954. Records available: 1953-54, 1959-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 10, 1953	50.20	June 2, 1954	49.41	Jan. 9, 1961	45.94	May 6, 1963	46.10
July 21	50.03	July 7	49.35	Mar. 28	45.92	Aug. 5	46.43
Aug. 25	49.95	Aug. 8	49.38	Sept. 11	46.18	May 4, 1964	46.88
Sept. 23	49.94	Sept. 8	49.42	Jan. 3, 1962	45.83	Aug. 10	47.44
Oct. 22	49.84	Oct. 6	49.26	Apr. 10	49.90	Nov. 16	47.78
Jan. 22, 1954	52.70	Aug. 24, 1959	46.54	Aug. 6	46.31	Feb. 15, 1965	47.86
Mar. 2	49.51	Jan. 11, 1960	46.15	Sept. 24	46.05	May 3	48.02
29	49.51	Aug. 5	46.12	Nov. 13	46.03	Aug. 9	48.46
May 11	49.52	Oct. 10	46.13	Feb. 4, 1963	45.89	Nov. 15	48.72

## Multnomah County

453113N1224036.1. Local number 1N/1-34N1. Weisfield & Goldberg. SW. Sixth Ave. and Washington St., Portland. Drilled industrial water-table well in alluvium, diam 8 in, depth 155 ft, cased with steel to 142. Lsd 37.20 ft above msl. MP top of pumpbase at 1-in airline hole in base, 10.43 ft below lsd. Highest water level 24.24 below lsd, June 30, 1943; lowest 50.93 below lsd, Dec. 23, 1965. Records available: 1940-65.

Jan. 30, 1961	36.91	Feb. 27, 1962	47.03	Mar. 1, 1963	34.23	Mar. 30, 1964	39.87
Feb. 27	35.20	Mar. 2	41.28	31	37.20	Apr. 30	39.23
Mar. 31	35.65	29	34.45	Apr. 29	37.25	May 28	36.50
May 1	36.44	May 1	33.08	May 31	35.98	June 29	32.58
31	34.02	31	33.53	June 28	37.58	July 31	41.67
June 29	34.53	June 29	38.63	July 29	40.24	Aug. 31	41.63
July 31	39.36	July 30	40.86	Aug. 28	45.90	Sept. 28	41.43
Aug. 31	42.26	Aug. 29	38.67	Sept. 30	44.12	Oct. 28	39.77
Sept. 30	38.03	Sept. 28	39.96	Oct. 29	38.23	Nov. 2	39.23
Oct. 30	39.38	Oct. 29	38.10	Nov. 29	48.23	Dec. 7	37.66
Nov. 30	37.65	Nov. 28	39.68	Dec. 30	47.30	Mar. 10, 1965	a65.99
Jan. 2, 1962	36.44	Jan. 2, 1963	36.49	Jan. 31, 1964	36.26	Sept. 9	a67.43
29	38.41	28	46.70	Feb. 28	37.23	Dec. 23	50.93

a Well being pumped.

## Umatilla County

452021N1190032.1. Local number 3/30 $\frac{1}{2}$ -1B1. Joe Pedro. Drilled unused artesian well tapping confined water in Columbia River Group, diam 6 in, reported depth 99 ft, cased with steel. Lsd 3,100 ft above msl. MP top of steel blocks beneath jet connector, 1.00 ft below lsd (since Jan. 11, 1960). Highest water level 22.01 below lsd, Apr. 16, 1958; lowest 29.27 below lsd, Dec. 19, 1953. Records available: 1953-65.

Jan. 9, 1961	28.02	Aug. 7, 1962	26.50	Aug. 6, 1963	25.13	Nov. 17, 1964	28.40
Mar. 28	27.87	Sept. 25	26.64	Nov. 5	26.24	May 4, 1965	25.57
Sept. 11	27.72	Nov. 14	27.03	May 5, 1964	26.61	Aug. 10	26.62
Jan. 3, 1962	28.44	Feb. 5, 1963	27.17	Aug. 10	27.50	Nov. 16	27.61
May 11	28.05	May 7	31.25				

j Surface water near well.

453730N1190425.1. Local number 2N/30-28F1. Cunningham Sheep Co. Drilled unused artesian well tapping confined water in Columbia River Group, diam 6 in, depth 81 ft, cased with steel. Lsd 1,440 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 61.52 below lsd, Apr. 11, 1962; lowest 68.28 below lsd, Sept. 19, 1958. Records available: 1953-65.

Jan. 9, 1961	62.23	Aug. 7, 1962	61.93	Aug. 5, 1963	61.87	Feb. 15, 1965	61.88
Mar. 27	62.26	Sept. 24	61.82	Nov. 4	61.87	May 3	61.77
Sept. 11	62.03	Nov. 14	61.92	May 4, 1964	61.79	Aug. 10	61.74
Jan. 3, 1962	61.94	Feb. 5, 1963	62.01	Aug. 10	61.90	Nov. 15	61.74
Apr. 11	61.62	May 7	61.84	Nov. 16	61.98		

454639N1183307.1. Local number 3N/34-3D1. Berkley Davis. Drilled irrigation artesian well tapping confined water in Columbia River Group, diam 12 in, reported depth 298 ft, cased with steel to 50. Lsd 1,560 ft above msl. MP center of air gage, 1.90 ft above lsd. Highest water level 4 below lsd, May 2, 1954; lowest 58 below lsd, Sept. 20, 1955. Records available: 1953-65.

Jan. 9, 1961	12.6	Apr. 11, 1962	11.5	May 8, 1963	11	Feb. 16, 1965	15.88
Mar. 31	10.9	Sept. 25	52.1	Nov. 6	40	May 5	23.30
Jan. 3, 1962	14.1	Nov. 15	21.0	Aug. 11, 1964	b80.50	Nov. 17	40.95
Mar. 31	11.0	Feb. 5, 1963	13	Nov. 18	44.96		

b Well pumped recently.

455120N1184705.1. Local number 4N/32-2M1. L. F. King. Drilled irrigation artesian well tapping confined water in Columbia River Group, diam 10 in, reported depth 527 ft, cased with steel. Lsd 1,650 ft above msl. MP center of air gage, at lsd. Highest water level 11 below lsd, Aug. 25, 1953; lowest 60.85 below lsd, Aug. 25, 1959. Records available: 1953-65.

Jan. 19, 1961	18.47	Aug. 7, 1962	23.59	Aug. 7, 1963	20.79	Feb. 16, 1965	18.14
Mar. 31	19.00	Sept. 25	22.49	Nov. 6	18.25	May 5	44.50
Sept. 11	25.08	Nov. 15	19.07	May 5, 1964	34.81	Aug. 10	44.66
Jan. 3, 1962	17.99	Feb. 5, 1963	17.97	Aug. 11	21.16	Nov. 17	18.75
Apr. 11	21.37	May 8	17.16	Nov. 18	18.56		

455425N1191820.1. Local number 5N/28-22D1. Munson Auto Court. Drilled domestic artesian well tapping confined water in the Yakima Basalt of the Columbia River Group, diam 6 in, depth 189 ft, cased with steel to 8. Lsd 450 ft above msl. MP top of casing, at lsd. Highest water level 4.39 below lsd, Feb. 15, 1965; lowest 15.24 below lsd, Mar. 28, 1961. Records available: 1953-65.

455425N1191820.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1961	7.73	Aug. 6, 1962	9.84	Aug. 5, 1963	b17.47	Feb. 15, 1965	4.39
Mar. 28	15.24	Sept. 24	14.65	Nov. 5	9.13	May 4	9.23
Sept. 11	a23.91	Nov. 14	7.97	May 4, 1964	b10.47	Aug. 10	15.04
Jan. 3, 1962	6.96	Feb. 4, 1963	8.62	Aug. 10	b10.04	Nov. 15	14.55
Apr. 12	6.35	May 6	b6.35	Nov. 17	b14.18		

a Well being pumped.

b Well pumped recently.

455420N1183340.1. Local number 5N/34-16R1. R. M. Thompson. Drilled domestic and stock artes/an well in basalt, diam 6 in, depth 228 ft, cased with steel to unknown depth. Lsd 1,960 ft above msl. MP top of hole in sanitary seal, 0.50 ft above lsd. Highest water level 145.23 below lsd, Nov. 18, 1964; lowest 162.50 below lsd, Nov. 30, 1956. Records available: 1953-65.

Sept. 9, 1953	149	June 14, 1955	153.50	Apr. 8, 1959	147.85	Nov. 15, 1962	146.49
16	150.03	Apr. 14, 1956	151.26	Aug. 25	147.60	Feb. 5, 1963	146.48
Jan. 20, 1954	156.20	June 16	151.92	Jan. 12, 1960	146.70	May 8	146.79
Mar. 2	153.78	Sept. 25	b156.70	Aug. 5	148.05	Aug. 7	147.46
30	150.98	Nov. 30	162.50	Oct. 10	b150.87	Nov. 6	146.40
May 12	159.02	May 21, 1957	156.01	Jan. 9, 1961	146.53	May 5, 1964	146.59
June 4	157.19	Sept. 26	b156.36	Mar. 31	146.50	Aug. 11	146.81
Aug. 8	157.29	Nov. 16	149.70	Sept. 11	146.66	Nov. 18	145.23
Sept. 10	151.41	Jan. 9, 1958	158.10	Nov. 15	146.49	Feb. 16, 1965	145.90
Oct. 5	154.79	Apr. 16	148.36	Jan. 3, 1962	146.54	May 5	148.30
Jan. 19, 1955	151.70	Aug. 1	148.40	Apr. 11	146.57	Aug. 11	146.66
Mar. 24	153.50	Sept. 19	150.22	Aug. 7	147.00	Nov. 17	145.85

b Well pumped recently.

455652N1182300.1. Local number 5N/35-1C1. Cecil Brodie. Dug irrigation water-table well in gravel, size 6 x 8 ft, depth 37 ft, curbed with wood. Lsd 995.60 ft above msl. MP copper nail and washer in west side of 2- x 6-in plank, at lsd. Highest water level 13.22 below lsd, Dec. 19, 1946; lowest 35.43 below lsd, Feb. 16, 1937. Records available: 1933-65.

Jan. 20, 1961	21.53	May 22, 1962	22.88	Aug. 20, 1963	29.68	Nov. 20, 1964	22.20
Feb. 20	19.99	June 20	22.52	Sept. 20	21.21	Dec. 21	22.47
Mar. 21	20.90	July 20	a26.86	Oct. 21	28.44	Jan. 20, 1965	21.36
Apr. 20	22.24	Aug. 20	27.67	Nov. 20	20.58	Feb. 22	20.89
May 20	22.44	Sept. 20	25.63	Dec. 20	20.86	Mar. 22	21.79
June 20	22.49	Oct. 22	22.34	Jan. 24, 1964	22.56	Apr. 22	19.69
July 20	26.39	Nov. 20	22.42	Feb. 21	23.51	May 20	18.52
Aug. 21	a28.25	Dec. 20	21.62	Mar. 23	23.70	June 22	22.15
Sept. 20	a27.52	Jan. 21, 1963	22.23	Apr. 21	22.19	July 22	a22.59
Oct. 20	23.69	Feb. 20	22.89	May 20	19.59	Aug. 23	21.69
Dec. 20	21.60	Mar. 20	23.87	June 19	20.88	Sept. 20	23.18
Jan. 20, 1962	21.89	Apr. 19	24.05	July 20	28.29	Oct. 20	23.55
Feb. 20	21.08	May 20	22.28	Aug. 20	a27.77	Nov. 22	22.89
Mar. 20	22.59	June 20	27.30	Sept. 23	26.16	Dec. 22	21.96
Apr. 20	21.56	July 19	28.06	Oct. 20	25.16		

a Well being pumped.

455650N1182415.1. Local number 5N/35-2C1. W. A. Bingham. Formerly C. Townsend. Dug irrigation water-table well in alluvium, size 5 x 5 ft, depth 23 ft, curbed with concrete. Lsd 975.82 ft above msl. MP top of plank pump support, at lsd. Highest water level 9.91 below lsd, Nov. 23, 1949; lowest dry at several times, 1952-65. Records available: 1933-65.

Jan. 20, 1961	(f)	May 22, 1962	18.28	Aug. 20, 1963	16.36	Nov. 20, 1964	(f)
Feb. 20	(f)	June 20	16.42	Sept. 20	17.68	Dec. 21	(f)
Mar. 21	(f)	July 20	15.05	Oct. 21	18.63	Jan. 20, 1965	(f)
Apr. 20	(f)	Aug. 20	16.28	Nov. 20	(f)	Feb. 22	(f)
May 20	19.07	Sept. 20	17.13	Dec. 20	(f)	Mar. 22	(f)
June 20	15.02	Oct. 22	19.74	Jan. 24, 1964	(f)	Apr. 22	(f)
July 20	15.40	Nov. 20	(f)	Feb. 21	(f)	May 20	16.65
Aug. 21	13.63	Dec. 20	(f)	Mar. 23	(f)	June 22	16.79
Sept. 20	17.66	Jan. 21, 1963	(f)	Apr. 21	19.81	July 25	17.14
Oct. 20	18.71	Feb. 20	(f)	May 20	16.53	Aug. 23	16.47
Dec. 20	(f)	Mar. 20	(f)	June 19	16.59	Sept. 20	17.16
Jan. 20, 1962	(f)	Apr. 19	(f)	July 20	15.92	Oct. 20	21.29
Feb. 20	(f)	May 20	19.37	Aug. 20	16.19	Nov. 22	(f)
Mar. 20	(f)	June 20	16.37	Sept. 23	17.38	Dec. 22	(f)
Apr. 20	21.87	July 19	15.92	Oct. 20	19.95		(f)

f Dry.

455635N1182445.1. Local number 5N/35-3H1. Walter Miller. Dug domestic water-table well in alluvium, size 42 x 42 in, depth 37 ft, cribbed with concrete to bottom. Lsd 958.20 ft above msl. MP top east side of well curb, 0.85 ft above lsd. Highest water level 13.53 below lsd, Sept. 20, 1961; lowest dry at several times, 1952-65. Records available: 1933-65.

Jan. 20, 1961	38.03	May 22, 1962	33.55	Aug. 20, 1963	20.63	Nov. 20, 1964	(f)
Feb. 20	37.27	June 20	21.20	Sept. 20	25.37	Dec. 21	(f)
Mar. 21	(f)	July 20	19.87	Oct. 21	33.68	Jan. 20, 1965	(f)
Apr. 20	(f)	Aug. 20	18.27	Nov. 20	(f)	Feb. 22	(f)
May 20	33.85	Sept. 20	21.50	Dec. 20	(f)	Mar. 22	37.07
June 20	19.45	Oct. 22	35.52	Jan. 24, 1964	(f)	Apr. 22	37.32
July 20	17.71	Nov. 20	(f)	Feb. 21	(f)	May 20	26.85
Aug. 21	16.57	Dec. 20	38.81	Mar. 23	36.48	June 22	28.49
Sept. 20	13.53	Jan. 21, 1963	37.12	Apr. 21	36.36	July 25	28.32
Oct. 20	31.30	Feb. 20	36.90	May 20	26.13	Aug. 22	21.15
Dec. 20	(f)	Mar. 20	37.78	June 19	21.17	Sept. 20	18.31
Jan. 20, 1962	(f)	Apr. 19	37.58	July 20	20.54	Oct. 20	32.16
Feb. 20	(f)	May 20	35.85	Aug. 20	20.08	Nov. 22	35.37
Mar. 20	(f)	June 20	20.67	Sept. 23	23.34	Dec. 22	(f)
Apr. 20	34.62	July 19	19.82	Oct. 20	34.88		(f)

f Dry.

455958N1182420.1. Local number 6N/35-14L1. H. Miller. Dug unused water-table well in alluvium, diam 7 ft, depth 15 ft, cribbed with concrete to 8 (deepened to unknown depth). Lsd 789.76 ft above msl. MP top east side of concrete curb, at lsd. Highest water level 3.47 below lsd, Aug. 8, 1933; lowest 29.54 below lsd, Mar. 20, 1959. Records available: 1933-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	9.84	May 22, 1962	6.84	Aug. 20, 1963	8.52	Nov. 20, 1964	10.12
Feb. 28	9.60	June 20	9.37	Sept. 20	8.02	Dec. 21	9.53
Mar. 31	9.11	July 20	9.00	Oct. 21	9.83	Jan. 20, 1965	8.36
Apr. 30	9.75	Aug. 20	8.62	Nov. 20	10.48	Feb. 22	8.80
May 30	10.03	Sept. 20	8.64	Dec. 20	10.33	Mar. 22	10.28
June 30	a12.87	Oct. 22	9.33	Jan. 24, 1964	10.57	Apr. 22	9.90
July 30	11.81	Nov. 20	10.18	Feb. 21	10.75	May 20	10.49
Aug. 31	7.76	Dec. 20	10.03	Mar. 23	11.07	June 22	9.00
Sept. 30	8.38	Jan. 21, 1963	10.37	Apr. 21	10.09	July 25	a12.44
Oct. 30	8.44	Feb. 20	10.05	May 20	9.38	Aug. 23	a11.14
Dec. 30	9.16	Mar. 20	10.28	June 19	9.10	Sept. 20	8.15
Jan. 20, 1962	9.44	Apr. 19	10.81	July 20	10.62	Oct. 20	8.31
Feb. 20	9.48	May 20	14.02	Aug. 20	a9.61	Nov. 22	9.15
Mar. 20	9.85	June 20	12.65	Sept. 23	a11.10	Dec. 22	10.04
Apr. 20	9.59	July 19	12.27	Oct. 20	9.33		10.29

a Well being pumped.

455900N1182740.1. Local number 6N/35-20G1. J. E. Courtney. Dug and drilled irrigation water-table well in gravel, size of dug part 3 × 5 ft, depth 18 ft, cased with concrete, diam, depth and casing of drilled part unknown. Lsd 736.32 ft above msl. MP hole in top north side of concrete platform, 0.30 ft above lsd. Highest water level 1.08 below lsd, July 5, 1933; lowest dry several times, 1961-65. Records available: 1933-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1961	11.34	May 22, 1962	12.88	Aug. 20, 1963	(f)	Nov. 20, 1964	9.92
Feb. 20	12.20	June 20	12.60	Sept. 20	16.50	Dec. 21	9.50
Mar. 21	13.40	July 20	(a)	Oct. 21	14.11	Jan. 20, 1965	10.17
Apr. 20	14.32	Aug. 20	(f)	Nov. 20	11.64	Feb. 22	10.99
May 20	13.39	Sept. 20	(f)	Dec. 20	10.45	Mar. 22	11.84
June 20	12.63	Oct. 22	1.72	Jan. 24, 1964	11.64	Apr. 22	13.36
July 20	20.50	Nov. 20	(f)	Feb. 21	13.06	May 20	13.33
Aug. 21	(f)	Dec. 20	(f)	Mar. 23	13.71	June 22	12.17
Sept. 20	(f)	Jan. 21, 1963	11.79	Apr. 21	13.82	July 25	12.08
Oct. 20	9.45	Feb. 20	12.42	May 20	12.94	Aug. 23	(f)
Dec. 20	9.89	Mar. 20	12.94	June 19	11.80	Sept. 20	13.83
Jan. 20, 1962	11.77	Apr. 19	12.58	July 20	(f)	Oct. 20	11.59
Feb. 20	12.70	May 20	12.41	Aug. 20	(f)	Nov. 22	10.03
Mar. 20	13.65	June 20	(f)	Sept. 23	(f)	Dec. 22	10.34
Apr. 20	13.99	July 19	(f)	Oct. 20	11.43		

a Well being pumped.

f Dry.

455825N1182725.1. Local number 6N/35-24Q1. G. Ransom. Dug and drilled irrigation water-table well in gravel, size 6 × 6 ft to 10-in diam, depth 165 ft, cased with steel to 45. Lsd 864.30 ft above msl. MP top of 4- × 6-in plank on east side of well curb, 0.50 ft above lsd. Highest water level 7.65 below lsd, July 29, 1948; lowest 24.94 below lsd, Aug. 20, 1963. Records available: 1933-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1961	11.73	May 22, 1962	11.23	Aug. 20, 1963	24.94	Nov. 20, 1964	16.05
Feb. 20	11.04	June 20	15.63	Sept. 20	18.02	Dec. 21	12.66
Mar. 21	10.70	July 20	a19.78	Oct. 21	18.13	Jan. 20, 1965	11.96
Apr. 20	7.95	Aug. 20	21.49	Nov. 20	13.65	Feb. 22	10.68
May 20	11.03	Sept. 20	20.63	Dec. 20	12.20	Mar. 22	11.28
June 20	11.63	Oct. 22	12.14	Jan. 24, 1964	12.92	Apr. 22	10.57
July 20	18.38	Nov. 20	11.99	Feb. 21	13.24	May 20	11.55
Aug. 21	a21.59	Dec. 20	11.50	Mar. 23	13.69	June 22	11.40
Sept. 20	a14.18	Jan. 21, 1963	11.91	Apr. 21	12.18	July 22	15.78
Oct. 20	21.84	Feb. 20	11.22	May 20	11.98	Aug. 23	16.43
Dec. 20	11.49	Mar. 20	11.84	June 19	12.49	Sept. 20	13.94
Jan. 20, 1962	11.53	Apr. 19	11.81	July 20	14.86	Oct. 20	13.71
Feb. 20	11.36	May 20	12.34	Aug. 20	18.29	Nov. 22	13.22
Mar. 20	11.74	June 20	17.59	Sept. 23	17.28	Dec. 22	13.08
Apr. 20	10.47	July 17	18.76	Oct. 20	16.13		

a Well being pumped.

455830N1182415.2. Local number 6N/35-26C2. Earl Ransom. Dug and drilled irrigation water-table well in gravel, size 6 × 6 ft to 8-in diam, depth 46 ft, dug portion cased with concrete. Lsd 867.12 ft above msl. MP top of 4- × 4-in stringer, 0.48 ft above lsd. Highest water level 7.51 below lsd, May 25, 1939; lowest 28.75 below lsd, Apr. 26, 1941. Records available: 1933-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1961	18.76	May 22, 1962	20.38	Aug. 20, 1963	19.94	Nov. 20, 1964	25.79
Feb. 20	25.85	June 20	17.18	Sept. 20	17.32	Dec. 21	26.47
Mar. 21	23.37	July 20	a18.72	Oct. 21	21.94	Jan. 20, 1965	24.42
Apr. 20	21.07	Aug. 20	20.85	Nov. 20	26.12	Feb. 22	23.42
May 20	21.72	Sept. 20	17.63	Dec. 20	25.62	Mar. 22	24.41
June 20	13.95	Oct. 22	21.61	Jan. 24, 1964	26.20	Apr. 22	21.91
July 20	16.62	Nov. 20	24.51	Feb. 21	27.16	May 20	16.56
Aug. 21	17.91	Dec. 20	25.28	Mar. 23	28.33	June 22	14.29
Sept. 20	14.61	Jan. 21, 1963	26.31	Apr. 21	20.65	July 25	13.55
Oct. 20	17.80	Feb. 20	23.28	May 20	a15.95	Aug. 23	16.29
Dec. 20	21.40	Mar. 20	25.18	June 19	13.44	Sept. 20	16.14
Jan. 20, 1962	23.89	Apr. 19	23.82	July 20	15.73	Oct. 20	18.38
Feb. 20	22.13	May 20	26.04	Aug. 20	17.79	Nov. 22	23.78
Mar. 20	25.07	June 20	17.55	Sept. 23	17.45	Dec. 22	23.27
Apr. 20	22.79	July 19	17.37	Oct. 20	22.09		28.24

a Well being pumped.



455815N1182600.1. Local number 6N/35-28H1. W. J. Rand. Dug irrigation water-table well in gravel, size 4 × 4 ft, depth 16 ft (possibly deepened?), cribbed with wood to 12. Lsd 829.06 ft above msl. MP top of 2- × 4-in curb on east side, at lsd. Highest water level 6.73 below lsd, Sept. 19, 1955; lowest 19.26 below lsd, Mar. 21, 1961. Records available: 1933-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1961	16.65	May 22, 1962	11.39	Aug. 20, 1963	12.14	Nov. 20, 1964	11.67
Feb. 20	15.80	June 20	11.13	Sept. 20	11.77	Dec. 21	14.66
Mar. 21	19.26	July 20	11.09	Oct. 21	10.80	Jan. 20, 1965	15.14
Apr. 20	13.57	Aug. 20	11.33	Nov. 20	11.02	Feb. 22	14.90
May 20	11.32	Sept. 20	11.13	Dec. 20	13.73	Mar. 22	16.10
June 20	10.50	Oct. 22	10.78	Jan. 24, 1964	16.51	Apr. 22	13.06
July 20	10.32	Nov. 20	13.36	Feb. 21	17.57	May 20	11.37
Aug. 21	12.33	Dec. 20	15.34	Mar. 23	15.21	June 22	10.74
Sept. 20	11.32	Jan. 21, 1963	16.63	Apr. 21	12.18	25	9.93
Oct. 20	10.85	Feb. 20	16.28	May 20	10.76	July 22	10.64
Dec. 20	13.06	Mar. 20	16.18	June 19	10.10	Aug. 23	11.17
Jan. 20, 1962	15.17	Apr. 19	12.86	July 20	10.11	Sept. 20	10.85
Feb. 20	16.67	May 20	11.83	Aug. 20	10.54	Oct. 20	10.58
Mar. 20	16.22	June 20	11.31	Sept. 23	11.07	Nov. 22	13.70
Apr. 20	13.83	July 19	11.36	Oct. 20	10.77	Dec. 22	15.31

455745N1182650.1. Local number 6N/35-28N1. Lottie McKnight Estate. Dug unused water-table well in alluvium, size 7 × 7 ft, depth 37 ft, cribbed with concrete to 16. Lsd 817.01 ft above msl. MP top north side of concrete curb, at lsd. Highest water level 2.05 below lsd, June 15, 1955; lowest dry several times, 1957-61, 1965. Records available: 1933-65.

Jan. 20, 1961	(f)	May 22, 1962	20.52	Sept. 20, 1963	21.04	Dec. 21, 1964	23.32
Feb. 20	(f)	June 20	18.38	Oct. 21	15.04	Jan. 20, 1965	26.13
Mar. 21	(f)	July 20	20.76	Nov. 20	14.84	Feb. 22	26.18
Apr. 20	(f)	Aug. 20	21.29	Dec. 20	21.21	Mar. 22	(f)
May 20	19.16	Sept. 20	20.74	Jan. 24, 1964	27.63	Apr. 22	23.36
June 20	14.24	Oct. 22	15.03	Feb. 21	30.47	May 20	20.10
July 20	25.50	Nov. 20	22.00	Mar. 23	25.07	June 22	13.76
Aug. 21	a33.45	Dec. 20	25.43	Apr. 21	21.10	25	13.32
Sept. 20	a31.91	Jan. 21, 1963	28.14	May 20	16.17	July 22	17.88
Oct. 20	15.69	Feb. 20	30.24	June 19	12.26	Aug. 23	21.58
Dec. 20	21.57	Mar. 20	29.86	July 20	13.00	Sept. 20	17.53
Jan. 20, 1962	26.88	May 20	21.38	Aug. 20	17.67	Oct. 20	20.06
Feb. 20	29.28	June 20	20.78	Sept. 23	18.02	Nov. 22	23.01
Mar. 20	30.15	July 19	22.01	Oct. 20	14.49	Dec. 22	22.13
Apr. 20	24.60	Aug. 20	22.76	Nov. 20	18.00		

a Well being pumped.

f Dry.

455805N1182930.1. Local number 6N/35-30M1. Thad Shepherd. Dug domestic water-table well in gravel, size 5 × 5 ft, depth 30 ft, cribbed with concrete to 10. Lsd 687.21 ft above msl. MP top of concrete curb, 0.41 ft above lsd. Highest water level 11.10 below lsd, June 25, 1946; lowest dry several times, 1957, 1960-65. Records available: 1933-65.

Jan. 20, 1961	26.56	May 22, 1962	22.57	Aug. 20, 1963	(f)	Nov. 20, 1964	25.08
Feb. 20	(f)	June 20	25.82	Sept. 20	(f)	Dec. 21	26.26
Mar. 21	28.90	July 20	(f)	Oct. 21	(f)	Jan. 20, 1965	27.56
Apr. 20	26.72	Aug. 20	(f)	Nov. 20	26.97	Feb. 22	(f)
May 20	21.89	Sept. 20	(f)	Dec. 20	25.42	Mar. 22	(f)
June 20	23.93	Oct. 22	21.36	Jan. 24, 1964	(f)	Apr. 22	28.27
July 20	27.32	Nov. 20	22.87	Feb. 21	(f)	May 20	28.15
Aug. 21	(f)	Dec. 20	25.62	Mar. 23	27.48	June 22	27.82
Sept. 20	(f)	Jan. 21, 1963	26.55	Apr. 21	28.41	25	28.40
Oct. 20	23.67	Feb. 20	28.43	May 20	26.01	July 22	27.21
Dec. 20	24.74	Mar. 20	(f)	June 19	22.39	Aug. 23	(f)
Jan. 20, 1962	25.51	Apr. 19	26.25	July 20	24.72	Sept. 20	27.18
Feb. 20	(f)	May 20	27.11	Aug. 20	26.48	Oct. 20	27.38
Mar. 20	(f)	June 20	(f)	Sept. 23	27.41	Nov. 22	27.83
Apr. 20	(f)	July 19	(f)	Oct. 20	25.21	Dec. 22	28.36

f Dry.

455740N1182525.1. Local number 6N/35-34C1. Mrs. Jessie Reese. Dug irrigation water-table well in gravel, size 8 × 8 ft, depth 54 ft, cribbed with concrete to 20. Lsd 881.55 ft above msl. MP top north side of concrete curb, 0.60 ft above lsd. Highest water level 13.65 below lsd, May 24, 1939; lowest dry several times, 1955, 1960-64. Records available: 1933-65.

Jan. 20, 1961	(f)	May 22, 1962	45.29	Aug. 20, 1963	48.42	Nov. 20, 1964	48.95
Feb. 20	52.95	June 20	35.26	Sept. 20	a40.53	Dec. 21	(f)
Mar. 21	49.24	July 20	a44.00	Oct. 21	35.28	Jan. 20, 1965	50.95
Apr. 20	48.18	Aug. 20	44.76	Nov. 20	45.16	Feb. 22	51.07
May 20	42.08	Sept. 20	37.00	Dec. 20	51.68	Mar. 22	51.50
June 20	a35.62	Oct. 22	44.69	Jan. 24, 1964	(f)	Apr. 22	48.30
July 20	a45.00	Nov. 20	51.44	Feb. 21	(f)	May 20	39.43
Aug. 21	a46.98	Dec. 20	52.71	Mar. 23	49.39	June 22	25.77
Sept. 20	a37.77	Jan. 21, 1963	(f)	Apr. 21	45.29	25	24.36
Oct. 20	40.39	Feb. 20	47.02	May 20	31.66	July 22	38.17
Dec. 20	51.61	Mar. 20	(f)	June 19	26.17	Aug. 23	37.84
Jan. 20, 1962	(f)	Apr. 19	47.14	July 20	19.45	Sept. 20	38.19
Feb. 20	51.14	May 20	43.67	Aug. 20	41.40	Oct. 21	49.33
Mar. 20	50.70	June 20	40.46	Sept. 23	38.49	Nov. 22	51.20
Apr. 20	48.94	July 19	44.90	Oct. 20	42.16	Dec. 22	52.44

a Well being pumped.

f Dry.

455730N1182315.1. Local number 6N/35-36C1. James Busch. Dug irrigation water-table well in gravel, size 5 × 5 ft, depth 40 ft, cribbed with concrete to 25. Lsd 925.95 ft above msl. MP top west side of concrete curb, 2.20 ft above lsd. Highest water level 8.75 below lsd, June 12, 1950; lowest dry, Aug. 20, Oct. 21, 1963, Aug. 20, Oct. 21, 1964. Records available: 1933-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1961	30.11	May 22, 1962	23.34	Aug. 20, 1963	(f)	Nov. 20, 1964	30.27
Feb. 20	22.60	June 20	30.99	Sept. 20	31.29	Dec. 21	34.83
Mar. 21	18.47	July 20	38.36	Oct. 21	(f)	Jan. 20, 1965	29.21
Apr. 20	20.93	Aug. 20	a37.68	Nov. 20	28.09	Feb. 22	18.16
May 20	21.37	Sept. 20	36.24	Dec. 20	28.24	Mar. 22	19.92
June 20	22.07	Oct. 22	24.51	Jan. 24, 1964	33.84	Apr. 22	17.99
July 20	37.81	Nov. 20	27.85	Feb. 21	35.73	May 20	17.59
Aug. 21	36.65	Dec. 20	26.45	Mar. 23	35.39	June 22	27.97
Sept. 20	34.61	Jan. 21, 1963	28.07	Apr. 21	26.79	July 25	29.98
Oct. 20	25.22	Feb. 20	27.85	May 20	21.75	Aug. 22	35.95
Dec. 20	26.20	Mar. 20	28.35	June 19	23.17	Sept. 23	36.34
Jan. 20, 1962	23.93	Apr. 19	30.76	July 20	36.46	Oct. 20	34.48
Feb. 20	22.69	May 20	32.66	Aug. 20	(f)	Nov. 20	27.58
Mar. 20	28.69	June 20	37.49	Sept. 23	39.42	Dec. 22	33.67
Apr. 20	21.57	July 19	38.94	Oct. 20	(f)		29.88

a Well being pumped.

f Dry.

455728N1182235.1. Local number 6N/35-36H1. Walter Hermann (previously reported Herman). Dug domestic water-table well in gravel, size 4 × 4 ft, depth 44 ft, cribbed with concrete to 18. Lsd 929.75 ft above msl. MP zero of nonrecording float gage top of concrete curb, 2.00 ft above lsd. Highest water level 5.88 below lsd, June 20, 1933; lowest 42.80 below lsd, Apr. 11, 1941. Records available: 1933-65.

Jan. 20, 1961	38.72	Mar. 20, 1962	31.14	Aug. 26, 1963	35.67	Dec. 21, 1964	35.52
28	38.22	28	32.43	Sept. 25	26.40	28	33.96
Feb. 20	27.11	Apr. 20	25.10	Oct. 21	34.51	Jan. 20, 1965	31.66
27	24.48	28	23.74	Nov. 20	36.24	26	32.94
Mar. 21	20.92	May 22	26.53	Dec. 20	35.51	Feb. 22	20.28
28	20.94	28	24.96	Jan. 24, 1964	38.59	24	19.87
Apr. 20	21.05	June 20	24.19	Feb. 21	40.15	Mar. 22	19.04
28	21.55	July 20	31.75	25	40.36	26	19.48
May 20	22.01	25	32.46	Mar. 23	40.70	Apr. 22	19.61
28	20.72	Aug. 20	32.29	Apr. 21	36.67	26	19.16
June 20	20.50	25	31.81	26	36.58	May 20	15.41
28	20.58	Sept. 20	28.56	May 20	22.13	25	14.11
July 20	27.17	25	29.34	25	21.04	June 25	19.02
28	28.89	Oct. 22	23.86	June 14	21.69	July 22	26.11
Aug. 21	29.66	25	24.39	26	22.21	26	24.51
28	28.58	Nov. 20	29.41	July 20	28.04	Aug. 23	27.66
Sept. 20	22.90	26	29.67	25	29.98	25	26.91
28	24.57	Dec. 20	29.97	Aug. 20	33.01	Sept. 20	26.96
Oct. 20	26.62	24	29.65	25	32.87	27	28.77
28	28.48	Jan. 21, 1963	32.23	Sept. 23	31.02	Oct. 20	29.97
Nov. 28	32.76	Feb. 20	34.36	25	30.49	26	31.36
Dec. 20	30.36	Mar. 20	33.49	Oct. 20	30.99	Nov. 22	36.74
28	30.28	Apr. 19	34.04	26	30.86	26	36.79
Jan. 20, 1962	29.45	May 20	38.27	Nov. 20	31.55	Dec. 22	38.15
28	29.47	June 20	35.06	25	31.78	27	37.93
Feb. 20	27.44	July 19	35.34				

#### Union County

453330N1180400.1. Local number 1N/38-21C1. Robert Burr. Drilled domestic water-table well in alluvium, diam 6 in, depth 67 ft, cased to 36. Lsd 3,175 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 3.20 below lsd, Apr. 18, 1955; lowest 24.31 below lsd, Oct. 24, 1958. Records available: 1957-65.

May 25, 1957	9.45	Oct. 24, 1958	24.31	Jan. 3, 1962	12.85	Nov. 6, 1963	24.11
July 24	17.50	Apr. 9, 1959	3.55	Apr. 16	3.99	May 6, 1964	4.29
Nov. 14	18.37	Aug. 26	19.14	Aug. 8	17.95	Aug. 11	17.17
Jan. 10, 1958	12.40	Aug. 6, 1960	17.43	Sept. 25	21.27	Nov. 18	17.63
Feb. 18	3.24	Oct. 10	20.80	Nov. 15	16.96	Feb. 17, 1965	4.89
Apr. 18	3.20	Jan. 10, 1961	14.34	Feb. 6, 1963	7.20	May 5	5.72
Aug. 2	17.75	Mar. 30	4.40	May	9.73	Aug. 11	17.48
Sept. 20	23.03	Sept. 12	21.33	Aug. 7	18.04	Nov. 17	17.63

452730N1175959.1. Local number 1/38-24R1. H. L. Wagner. Drilled irrigation artesian well in basalt, diam 12 to 8 in, depth 1,150 ft, cased to bottom. Lsd about 2,735 ft above msl. MP center line of pressure gage, 6.00 ft above lsd. Highest water level 107.0 ft above lsd, Dec. 30, 1951; lowest 53.0 above lsd, Aug. 13, 1951. Records available: 1950-65.

Jan. 10, 1961	+105.33	Aug. 5, 1962	+102.79	Aug. 7, 1963	+92.5	Feb. 17, 1965	+102
Mar. 30	106.49	Sept. 25	104.18	May 6, 1964	103.5	May 5	102
Sept. 12	106.49	Nov. 15	106.50	Aug. 11	100.5	Aug. 11	98.5
Jan. 3, 1962	104.18	Feb. 6, 1963	106.5	Nov. 18	102	Nov. 17	97
Apr. 16	106.49	May 8	105.5				

j Well flowing.

452840N1175805.1. Local number 1/39-17L1. A. F. Furman. Drilled domestic water-table well in sand, diam 4 in, depth 46 ft, cased with steel. Lsd about 2,735 ft above msl. MP top of coupling on casing, 1.00 ft above lsd. Highest water level 4.40 below lsd, Feb. 17, 1965; lowest 25.55 below lsd, Oct. 21, 1942. Records available: 1940-65.

452840N1175805.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1961	10.99	Aug. 8, 1962	10.80	Aug. 7, 1963	a23.96	Feb. 17, 1965	4.40
Mar. 30	9.03	Sept. 25	b20.37	Nov. 6	11.19	May 5	5.78
Sept. 12	16.72	Nov. 15	11.28	May 6, 1964	8.53	Aug. 11	8.39
Jan. 3, 1962	11.25	Feb. 6, 1963	11.54	Aug. 11	a24.12	Nov. 17	9.39
Apr. 16	9.67	May 8	9.30	Nov. 18	11.30		

a Well being pumped.

b Well pumped recently.

452008N1180550.2. Local number 3/38-6H2. City of LaGrande. Drilled municipal artesian well in basalt, diam 14 in, depth 1,391 ft, cased with steel to unknown depth. Lsd 2,790 ft above msl. MP cement sidewalk, at lsd. Highest water level 125.9 above lsd, Jan. 3, 1962; lowest 32.4 above lsd, Aug. 6, 1960. Records available: 1957-63, 1965. No measurement made in 1964.

May 29, 1957	+108.6	Sept. 20, 1958	+103.9	Mar. 31, 1961	+93.5	Feb. 6, 1963	+97
July 24	n68.0	Apr. 9, 1959	101.6	Jan. 3, 1962	125.9	May 8	(j)
Nov. 13	106.3	Aug. 25	n34.5	Apr. 17	113.07	Nov. 5	113
Jan. 10, 1958	k103.9	Jan. 12, 1960	111.1	Aug. 8	146.08	Feb. 17, 1965	(j)
Feb. 18	k105.0	Aug. 6	32.4	Sept. 25	106	Feb. 18	111
Apr. 17	k103.9	Jan. 10, 1961	108.6	Oct. 25	113	Oct. 15	97

j Well flowing.

k Gate valve partly open.

n Gate valve open.

451940N1180620.1. Local number 3/38-6Q1. Mrs. C. L. Gilstrap. Drilled domestic water-table well in gravel, diam 8 in, depth 20 ft, cased to 20. Lsd 2,795 ft above msl. MP top of casing, 2.00 ft below lsd. Highest water level 16.50 below lsd, Feb. 18, 1958; lowest 21.09 below lsd, Nov. 17, 1965. Records available: 1957-65.

May 25, 1957	17.29	Oct. 24, 1958	20.05	Jan. 3, 1962	19.56	Nov. 6, 1963	20.84
July 24	17.29	Apr. 9, 1959	18.83	Apr. 16	18.66	May 6, 1964	19.67
Nov. 13	18.87	Aug. 25	17.82	Aug. 8	17.64	Aug. 11	18.03
Jan. 10, 1958	18.50	Jan. 12, 1960	20.84	Sept. 25	20.22	Nov. 18	20.82
Feb. 18	16.50	Oct. 10	19.35	Nov. 15	20.07	Feb. 17, 1965	16.91
Apr. 17	18.78	Jan. 10, 1961	17.80	Feb. 6, 1963	19.46	May 5	20.17
Aug. 2	a17.37	Mar. 31	16.79	May 8	19.70	Aug. 11	17.55
Sept. 20	18.58	Sept. 12	18.18	Aug. 7	a20.42	Nov. 17	21.09

a Well being pumped.

451931N1180225.1. Local number 3/38-10B1. Union County. Dug observation water-table well in sand and gravel, size 18 x 18 in, depth 11 ft, cribbed with wood to bottom, perforated 12-in steel casing 7-10. Lsd 2,727.88 ft above msl. MP top of 1½-in access pipe (previously reported casing), 1.50 ft above lsd. Highest water level 4.35 below lsd, Feb. 3, 1965; lowest 8.15 below lsd, Dec. 8, 1939. Records available: 1936, 1938-65.

Jan. 30, 1961	5.65	May 28, 1962	5.90	July 29, 1963	7.00	Nov. 27, 1964	5.90
Feb. 27	5.37	June 28	6.90	Aug. 28	6.94	Dec. 28	4.90
Mar. 28	5.22	July 30	7.20	Sept. 30	6.56	Feb. 3, 1965	4.35
Apr. 28	5.61	Aug. 8	7.28	Oct. 29	6.14	17	4.53
May 29	6.05	28	7.42	Nov. 27	5.85	Mar. 1	4.80
July 3	6.90	Sept. 25	6.98	Dec. 30	5.60	29	5.10
Aug. 28	6.65	28	6.96	Jan. 28, 1964	5.20	Apr. 28	5.50
Sept. 12	6.67	Oct. 29	6.55	Feb. 28	5.20	May 5	5.67
28	6.51	Nov. 28	6.10	Mar. 27	5.35	28	6.15
Oct. 30	6.10	Dec. 28	5.84	Apr. 28	5.60	June 28	6.35
Nov. 28	5.60	Jan. 28, 1963	5.90	May 28	6.00	July 28	6.70
Dec. 27	5.45	Feb. 27	5.40	June 29	6.15	Aug. 28	6.40
Jan. 3, 1962	4.94	Mar. 28	5.50	July 27	6.40	Sept. 28	6.10
Feb. 27	5.42	Apr. 29	5.60	Aug. 28	6.28	Oct. 28	5.95
Mar. 28	5.44	May 8	5.64	Sept. 28	6.10	Nov. 29	5.60
Apr. 16	5.67	June 28	6.65	Oct. 28	5.87	Dec. 28	5.65
28	5.90						

451652N1180028.1. Local number 3/38-25B1. Union County. Dug observation water-table well in sand and gravel, size 18 x 18 in, depth 13 ft, cribbed with wood to 12, perforated 12-in steel casing 9-13. Lsd 2,706.83 ft above msl. MP copper nail and washer at top of wooden curb, 1.50 ft above lsd. Highest water level 4.55 below lsd, Feb. 17, 1965; lowest 11.49 below lsd, Oct. 10, 1940. Records available: 1936, 1938-65.

Jan. 10, 1961	9.15	Aug. 8, 1962	8.25	Aug. 7, 1963	8.00	Feb. 17, 1965	4.55
Mar. 30	8.22	Sept. 25	8.67	Nov. 6	8.21	May 5	5.01
Sept. 12	10.19	Nov. 15	8.28	May 6, 1964	6.62	Aug. 11	7.20
Jan. 4, 1962	9.34	Feb. 6, 1963	7.59	Aug. 11	7.84	Nov. 17	7.20
Apr. 16	6.97	May 8	6.74	Nov. 18	7.97		

Wasco County

453608N121103.1. Local number 1N/13-3E1. Dalles City. Drilled municipal artesian well in basalt, diam 12 in, depth 200 ft, cased with steel to 62. Lsd 99.5 ft above msl. MP hole in pumpbase, 6.40 ft below lsd. Highest water level 16.9 below lsd, July 19, 1928; lowest 76.98 below lsd, Sept. 22, 1965. Records available: 1926-30, 1960-65. Measurements prior to May 26, 1930 made by the Dalles City Water Commission.

Nov. 2, 1926	25.5	Jan. 14, 1927	23.4	Mar. 21, 1927	21.6	June 21, 1927	19.1
15	24.8	24	23.3	31	20.8	Jan. 16, 1928	19.2
Dec. 1	24.7	31	22.7	Apr. 7	21.2	Feb. 13	18.7
8	24.5	Feb. 7	22.8	13	21.2	Mar. 5	18.4
14	24.9	14	21.8	21	21.4	July 18	16.9
21	23.7	28	21.7	May 7	20.8	23	17.0
31	24.3	Mar. 7	21.4	19	20.4	30	17.5
Jan. 7, 1927	23.5	14	21.3	June 9	20.0	Oct. 11	20.8

453608N1211103, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 26, 1928	20.7	Feb. 9, 1961	51.94	Apr. 10, 1963	59.03	Aug. 17, 1964	70.55
Dec. 18	21.1	Mar. 27	50.20	22	58.97	Sept. 2	72.45
Jan. 17, 1929	19.9	Apr. 24	48.81	May 10	58.73	21	74.35
21	20.5	May 15	49.63	22	60.39	Oct. 2	74.05
29	20.4	Sept. 11	66.08	June 10	60.90	16	73.09
Feb. 1	19.4	Jan. 2, 1962	59.16	19	63.18	Nov. 2	70.98
June 24	19.3	Feb. 2	57.14	July 10	63.96	20	69.63
July 5	19.5	15	56.18	24	67.45	Dec. 2	67.99
Aug. 25	23.0	Mar. 5	55.42	Aug. 12	71.99	23	67.00
Sept. 1	24.0	19	54.76	21	73.06	Jan. 4, 1965	66.95
8	24.3	Apr. 2	54.54	Sept. 9	74.50	20	65.00
16	24.9	16	54.91	20	74.08	Feb. 3	64.25
25	24.8	May 7	55.59	Oct. 2	74.44	19	62.70
Oct. 4	24.3	14	55.64	21	72.53	Mar. 3	62.46
24	24.5	June 4	56.40	Nov. 4	71.15	19	62.35
29	24.7	18	57.75	20	69.60	Apr. 2	60.39
Nov. 26	24.5	July 6	60.11	Dec. 4	65.83	19	61.60
30	24.3	18	62.33	20	67.09	May 3	61.60
Jan. 9, 1930	24.0	Aug. 6	65.70	Jan. 3, 1964	66.38	19	62.35
11	23.7	20	68.27	20	64.42	June 4	63.80
Feb. 13	24.6	Sept. 7	70.71	Feb. 3	64.46	18	65.00
May 5	22.9	21	70.84	Mar. 21	63.19	July 9	67.98
8	22.8	Oct. 8	70.63	4	62.24	21	69.87
19	22.86	22	70.63	23	62.17	Aug. 2	73.10
26	22.59	Nov. 7	68.00	3	62.55	20	75.65
June 27	22.89	21	66.83	Apr. 22	62.35	Sept. 8	76.37
2	22.44	Dec. 7	65.62	4	63.54	22	76.98
13	22.67	19	64.56	May 22	65.12	Oct. 6	75.85
21	22.31	Jan. 7, 1963	63.16	June 3	65.64	18	74.85
July 1	22.05	21	62.46	22	64.25	Nov. 5	73.29
Oct. 27, 1960	61.26	Feb. 8	61.70	July 3	64.40	19	72.27
Nov. 23	57.99	25	60.74	20	65.89	Dec. 6	71.11
Dec. 20	56.88	Mar. 8	60.13	Aug. 3	68.15	20	70.54
Jan. 24, 1961	54.15	20	59.38				

453140N1211250.1. Local number 1N/13-32G1. Milton Martin. Drilled irrigation artesian well in basalt, diam 8 in, depth 336 ft, cased to 44. Lsd about 1,170 ft above msl. MP center line of pressure gage, 1.50 ft above lsd. Highest water level 186.5 above lsd, Apr. 1, 1953; lowest 73.16 above lsd, July 5, 1950. Records available: 1946-65.

Jan. 9, 1961	+146.38	Aug. 15, 1962	+7.5	June 20, 1963	+a10	Mar. 5, 1964	+167
Mar. 28	145.18	Sept. 12	a40	July 18	a19	30	153
Jan. 2, 1962	167.98	Oct. 19	a125.5	Aug. 27	a26	Apr. 28	j77
Feb. 7	171.63	Nov. 20	164.5	Sept. 24	a0	June 29	a0
Mar. 12	170.48	Dec. 19	168.5	Oct. 31	130	Sept. 28	a24
Apr. 9	170.48	Jan. 17, 1963	167	Nov. 26	156.50	Mar. 29, 1965	162.5
May 15	a59.5	Feb. 20	168.5	Dec. 26	164.50	June 28	(a)
June 19	a65.5	Mar. 21	149.5	Jan. 28, 1964	167	Dec. 29	161
July 19	a14.5	May 28	a55				

a Well being pumped.

j Well flowing.

453715N1211517.1. Local number 2N/12-25R1. Ernest A. Kuck. Drilled irrigation water-table well in sandstone of the Dalles Formation, diam 8 in, depth 443 ft, cased to 250. Lsd about 500 ft above msl. MP airline port in pumpbase, 0.80 ft above lsd. Highest water level 66.20 below lsd, May 1, 1955; lowest 151.54 below lsd, Aug. 6, 1953. Records available: 1947-65.

Jan. 9, 1961	112.03	May 16, 1962	107.27	Jan. 18, 1963	108.33	Sept. 28, 1964	111.08
Mar. 28	109.40	June 20	(a)	Mar. 22	107.21	Dec. 3	110.07
Sept. 11	111.62	July 18	113.80	June 21	(a)	Mar. 29, 1965	109.58
Jan. 2, 1962	108.62	Aug. 15	114.50	Sept. 25	117.92	June 28	110.02
Feb. 8	107.74	Sept. 11	118.29	Dec. 27	109.76	Sept. 29	110.75
Mar. 13	107.92	Oct. 18	110.55	Mar. 31, 1964	108.05	Dec. 29	108.97
Apr. 10	107.59	Dec. 20	109.79	July 1	110.48		

a Well being pumped.

Washington County

452751N1224830.1. Local number 1/W-21R1. Elinore Shively. Drilled domestic and stock water-table well in basalt, diam 6 in, depth 145 ft, cased to 20. Lsd about 285 ft above msl. MP top of casing, 0.10 ft above lsd. Highest water level 98.91 below lsd, May 5, 1948; lowest 141.26 below lsd, Sept. 18, 1961. Records available: 1948-65.

Jan. 16, 1961	123.66	Aug. 1, 1962	112.79	Aug. 13, 1963	112.31	Nov. 4, 1964	113.16
May 6	137.62	Sept. 26	112.60	Nov. 15	112.31	Feb. 3, 1965	112.58
Sept. 19	141.26	Nov. 9	112.61	Feb. 7, 1964	111.69	Apr. 30	113.22
Jan. 5, 1962	121.79	Mar. 4, 1963	112.26	May 11	110.58	Aug. 4	115.87
Apr. 6	112.98	May 15	111.77	Aug. 3	111.82	Nov. 2	118.91

452328N1224652.1. Local number 2/W-14N1. A. J. Martinazzi. Dug domestic and stock water-table well in alluvium, diam 36 in, depth 51 ft, cased with concrete tile to 51. Lsd 155 ft above msl. MP inner lip of casing, at lsd. Highest water level 41.56 below lsd, Feb. 18, 1956; lowest 50.54 below lsd, Nov. 19, 1962. Records available: 1951-65.

452328N1224652, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 17, 1951	46.54	June 2, 1953	b46.95	Aug. 20, 1956	46.51	Jan. 15, 1962	46.89
Aug. 16	47.45	July 1	47.30	Dec. 22	48.28	Mar. 30	47.57
Sept. 27	48.59	Sept. 1	48.75	June 25, 1957	47.92	Aug. 1	48.83
Oct. 24	48.39	Oct. 5	49.18	Sept. 25	50.04	Sept. 26	b50.08
Nov. 26	48.14	Dec. 7	a49.54	Jan. 9, 1958	49.17	Nov. 13	50.64
Dec. 19	47.04	Feb. 4, 1954	46.06	Apr. 21	46.65	Feb. 13, 1963	47.69
Jan. 16, 1952	b46.58	Apr. 20	44.42	July 8	47.47	May 13	46.13
Feb. 20	45.45	July 15	46.76	Sept. 30	a50.09	Aug. 13	47.56
Mar. 19	45.40	Sept. 29	48.48	Jan. 13, 1959	49.77	Nov. 15	49.28
Apr. 28	45.70	Mar. 22, 1955	47.55	June 17	a46.78	Feb. 10, 1964	46.03
July 1	46.98	May 29	47.47	Sept. 4	a49.30	May 1	46.77
Aug. 1	48.20	Aug. 3	48.82	Dec. 27	50.21	July 29	a48.73
Sept. 27	49.55	Sept. 6	49.61	Mar. 23, 1960	47.69	Oct. 28	50.40
Oct. 30	48.84	Nov. 25	49.38	Oct. 10	50.09	Feb. 1, 1965	46.41
Nov. 28	50.14	Dec. 20	a47.34	Jan. 27, 1961	a48.75	Apr. 23	46.12
Dec. 23	50.09	Feb. 18, 1956	41.56	May 6	42.00	July 23	a48.10
Feb. 4, 1953	47.15	May 12	42.89	Sept. 19	48.30	Nov. 1	50.33
May 4	46.50						

a Well being pumped.

b Well pumped recently.

452600N1225922.1. Local number 2/W-6D1. S. R. Rotchstrom. Drilled irrigation artesian well in Columbia River Group, diam 6 in, reported depth 486 ft, cased to 250. Lsd 180 ft above msl. MP hole in south side of pumpbase, 0.60 ft above lsd (since Sept. 25, 1957). Highest water level 4.66 below lsd, Mar. 16, 1951; lowest 18.99 below lsd, Sept. 30, 1958. Records available: 1951-65.

Jan. 16, 1961	12.17	Aug. 1, 1962	16.98	Aug. 12, 1963	13.35	Oct. 21, 1964	12.86
May 6	9.68	Sept. 26	17.87	Nov. 15	11.91	Feb. 1, 1965	10.24
Sept. 19	17.20	Nov. 9	14.98	Feb. 6, 1964	9.99	Apr. 23	8.58
Jan. 15, 1962	12.69	Mar. 4, 1963	10.60	May 11	8.03	Aug. 5	16.85
Apr. 6	10.27	May 14	8.59	July 30	11.55	Nov. 2	15.20

453514N1228758.1. Local number 1N/2W-8E1. T. R. Connell (previously reported Connell). Drilled domestic water-table well in valley fill, diam 6 in, reported depth 60 ft, cased to 60, perforated 28-60. Lsd 200 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 0.03 above lsd, Dec. 20, 1955; lowest 25.91 below lsd, July 15, 1954. Records available: 1951-65.

Jan. 16, 1961	0.65	Aug. 2, 1962	15.33	Aug. 12, 1963	14.82	Nov. 4, 1964	19.68
May 6	3.20	Sept. 26	18.42	Nov. 13	10.53	Feb. 2, 1965	1.72
Sept. 19	17.82	Nov. 9	16.74	Feb. 4, 1964	2.27	Apr. 30	9.85
Jan. 15, 1962	3.03	Mar. 4, 1963	3.62	May 12	10.39	Aug. 4	19.35
Apr. 6	3.13	May 14	2.87	Aug. 3	20.03	Nov. 3	21.67

453529N1225356.2. Local number 1N/2W-11C2. Albert Zander. Drilled domestic artesian well in basalt, diam 6 in, depth 125 ft, cased with steel to 105. Lsd 250 ft above msl. MP top of casing, 1.65 ft below lsd. Highest water level 57.80 below lsd, Mar. 17, 1952; lowest 72.60 below lsd, Aug. 12, 1963. Records available: 1951-65.

May 17, 1951	58.79	Feb. 2, 1953	b72.63	Dec. 20, 1955	58.11	Sept. 19, 1961	62.77
June 18	b62.62	Mar. 3	61.92	Feb. 19, 1956	58.74	Jan. 15, 1962	60.40
July 16	60.27	Apr. 6	61.52	May 12	62.13	Apr. 6	60.59
Aug. 15	61.48	May 4	62.90	Sept. 20	a62.99	Aug. 2	71.98
Sept. 22	62.78	June 1	60.58	Dec. 23	61.90	Sept. 26	64.44
Oct. 22	61.13	July 1	59.45	June 25, 1957	59.89	Nov. 9	61.77
Nov. 24	58.15	Aug. 10	61.36	Sept. 25	b65.10	Mar. 4, 1963	b63.87
Dec. 18	61.50	Oct. 31	60.55	Jan. 9, 1958	58.45	May 14	58.06
Jan. 15, 1952	58.22	Oct. 5	b66.85	Apr. 21	58.90	Aug. 12	72.60
Feb. 18	b75.95	Dec. 3	59.43	July 9	a79.65	Nov. 14	60.05
Mar. 17	57.80	Feb. 4, 1954	b61.35	Sept. 30	63.03	Feb. 4, 1964	58.05
Apr. 21	59.17	Apr. 20	59.63	Jan. 13, 1959	60.75	May 12	63.14
June 25	59.24	July 15	60.25	June 17	62.04	Aug. 3	62.28
July 28	62.45	Sept. 29	61.84	Sept. 4	63.24	Nov. 4	61.76
Aug. 21	61.68	Mar. 22, 1955	58.74	Dec. 27	60.99	Feb. 2, 1965	58.54
Sept. 25	63.03	May 29	60.19	Mar. 23, 1960	58.50	Apr. 30	59.96
Oct. 28	62.72	Aug. 3	60.36	Oct. 12	62.82	Aug. 4	69.42
Nov. 20	64.43	Sept. 6	63.95	Jan. 16, 1961	60.39	Nov. 3	64.30
Dec. 22	64.83	Nov. 25	59.75	May 6	60.59		

a Well being pumped.

b Well pumped recently.

453147N1225432.1. Local number 1N/2W-35E1. E. L. Lewis. Dug domestic water-table well in alluvium, size 36 × 36 in, depth 23 ft, cased with concrete to 23. Lsd 195 ft above msl. MP top of 1½-in vent pipe, 0.50 ft above lsd. Highest water level 1.90 below lsd, Dec. 20, 1955, Jan. 16, 1961; lowest 19.80 below lsd, Sept. 22, 1951. Records available: 1951-65.

May 17, 1951	7.50	Aug. 21, 1952	18.79	Feb. 4, 1954	2.91	June 25, 1957	11.22
June 18	13.10	Sept. 25	18.05	Apr. 20	4.42	Sept. 25	17.96
July 16	16.11	Oct. 30	19.08	July 15	13.74	Jan. 9, 1958	8.48
Aug. 15	17.97	Nov. 20	19.42	Sept. 29	17.26	Apr. 21	2.01
Sept. 22	19.90	Dec. 22	17.92	Mar. 22, 1955	3.62	July 9	13.01
Oct. 22	17.32	Feb. 3, 1953	2.33	May 29	b10.75	Sept. 30	17.51
Nov. 24	11.39	Mar. 3	3.90	Aug. 3	16.02	Jan. 13, 1959	3.89
Dec. 18	2.50	Apr. 7	3.14	Sept. 6	18.22	June 17	6.94
Jan. 16, 1952	3.05	June 2	6.51	Nov. 25	3.53	Sept. 4	16.16
Feb. 19	3.12	July 1	9.50	Dec. 20	1.90	Dec. 27	14.63
Mar. 17	2.55	Aug. 11	15.83	Feb. 19, 1956	3.00	Mar. 23, 1960	3.43
Apr. 22	5.32	Oct. 31	16.47	May 12	8.96	Oct. 12	18.00
June 30	13.25	Nov. 1	17.81	Aug. 20	17.74	Jan. 16, 1961	1.90
July 30	19.40	Dec. 3	12.23	Dec. 23	15.47	May 6	2.56

453147N1225432, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 19, 1961	17.71	Nov. 9, 1962	18.02	Feb. 4, 1964	3.41	Feb. 2, 1965	2.94
Jan. 15, 1962	8.38	Mar. 4, 1963	3.38	May 12	8.37	Apr. 30	4.89
Apr. 6	3.04	May 14	3.24	Aug. 3	15.52	Aug. 4	16.44
Aug. 2	15.49	Aug. 12	15.45	Nov. 4	18.16	Nov. 3	19.08
Sept. 26	17.86	Nov. 15	15.35				

b Well pumped recently.

453426N1230155.1. Local number 1N/3W-15H1. Art Salzwedel. Dug domestic water-table well in alluvium, d'am 36 in, depth 30 ft, cased with concrete tile to 30. Lsd 185 ft above msl. MP top west-southwest side of casing, 0.30 ft above lsd. Highest water level 0.64 below lsd, Dec. 20, 1955; lowest 19.43 below lsd, Sept. 25, 1952. Records available: 1951-65.

Mar. 16, 1951	1.43	Nov. 20, 1952	18.73	Sept. 6, 1955	15.42	May 6, 1961	3.27
Apr. 19	5.77	Dec. 22	16.65	Nov. 25	1.67	Sept. 19	16.90
May 16	7.76	Feb. 2, 1953	1.96	Dec. 20	.64	Jan. 15, 1962	3.53
June 18	10.19	Mar. 3	3.48	Feb. 17, 1956	3.22	Apr. 6	3.51
July 17	19.31	Apr. 6	3.87	May 12	8.04	Aug. 2	12.78
Aug. 16	17.04	May 4	5.41	Aug. 20	17.82	Sept. 26	16.28
Sept. 25	18.18	June 1	6.68	Dec. 23	6.28	Nov. 9	13.31
Oct. 23	15.91	July 1	8.45	June 25, 1957	9.85	Mar. 4, 1963	3.94
Nov. 24	5.33	Aug. 10	a15.35	Sept. 25	18.20	May 14	3.38
Dec. 18	1.61	31	16.23	Jan. 9, 1958	4.54	Aug. 12	14.32
1952	2.24	Oct. 5	17.29	Apr. 21	3.88	Nov. 15	12.84
Feb. 19	2.90	Dec. 3	11.03	July 9	12.23	Feb. 4, 1964	2.34
Mar. 18	4.05	Feb. 4, 1954	2.08	Jan. 13, 1959	1.12	May 11	6.96
Apr. 22	6.19	Apr. 20	4.54	June 17	8.18	Aug. 3	15.01
June 30	12.09	July 15	18.06	Sept. 4	14.82	Oct. 29	18.02
July 31	17.18	Sept. 29	18.34	Dec. 27	5.25	Feb. 2, 1965	1.95
Aug. 21	17.44	Mar. 23, 1955	3.99	Mar. 23, 1960	3.52	Apr. 30	6.67
Sept. 25	19.43	May 29	6.57	Oct. 12	17.54	Aug. 4	16.07
Oct. 30	18.53	Aug. 3	15.41	Jan. 16, 1961	1.59	Nov. 2	18.03

a Well being pumped.

453349N1230620.1. Local number 1N/3W-19C1. A. J. Giesbers. Bored domestic water-table well in alluvium, diam 6 in, depth 56 ft, cased with steel to 54. Lsd 170 ft above msl. MP top of casing, 0.35 ft above lsd. Highest water level 1.01 below lsd, Dec. 20, 1955; lowest 32.03 below lsd, Aug. 16, 1951. Records available: 1951-65.

Mar. 16, 1951	1.44	Nov. 20, 1952	13.53	Sept. 6, 1955	a19.05	May 6, 1961	2.40
Apr. 19	3.43	Dec. 22	6.27	Nov. 25	5.32	Sept. 19	11.15
May 16	a11.50	Feb. 2, 1953	1.74	Dec. 20	1.01	Jan. 15, 1962	2.75
June 18	a27.61	Mar. 3	3.69	Feb. 19, 1956	2.52	Apr. 6	4.55
July 17	22.13	Apr. 6	3.71	May 12	4.19	Aug. 2	8.38
Aug. 16	32.03	May 4	3.87	Aug. 20	a29.28	Sept. 26	11.57
Sept. 25	13.68	June 1	4.29	Dec. 23	3.22	Nov. 9	9.29
Oct. 23	4.70	July 1	5.87	June 25, 1957	a16.55	Mar. 4, 1963	1.97
Nov. 24	2.20	Aug. 10	a19.72	Sept. 25	11.49	May 14	b2.28
Dec. 17	3.02	31	9.40	Jan. 9, 1958	3.10	Aug. 12	8.31
Jan. 15, 1952	2.51	Oct. 5	11.79	Apr. 21	2.15	Nov. 15	4.11
Feb. 18	3.07	Dec. 3	3.14	July 9	11.21	Feb. 4, 1964	1.87
Mar. 17	2.73	Feb. 4, 1954	2.74	Jan. 13, 1959	1.69	May 11	4.31
Apr. 22	3.81	Apr. 20	4.05	June 17	3.70	Aug. 3	8.75
June 30	7.00	July 15	9.51	Sept. 4	8.67	Oct. 29	12.48
July 31	15.75	Sept. 29	11.44	Dec. 27	4.81	Feb. 2, 1965	1.40
Aug. 22	a27.07	Mar. 23, 1955	3.28	Mar. 23, 1960	2.68	Apr. 30	3.46
Sept. 26	14.45	May 29	3.75	Oct. 12	8.88	Aug. 4	12.96
Oct. 28	14.62	Aug. 3	a18.49	Jan. 16, 1961	1.65	Nov. 2	12.82

a Well being pumped.

b Well pumped recently.

453117N1225934.2. Local number 1N/3W-36R2. Birdseye Cannery. Hillsboro. Drilled unused water-table well in sand and gravel of valley fill, diam 12 in, reported depth 171 ft, cased with steel. Lsd 180 ft above msl. MP top of casing, at lsd. Highest water level 8.88 below lsd, Feb. 2, 1965; lowest 22.16 below lsd, Sept. 22, 1951. Records available: 1951-65.

Jan. 16, 1961	11.89	Nov. 9, 1962	16.96	Feb. 3, 1964	9.65	Feb. 2, 1965	8.88
Sept. 16	18.10	Mar. 4, 1963	13.30	May 11	15.07	Apr. 30	14.69
Jan. 15, 1962	13.79	May 14	12.05	Aug. 3	16.90	Aug. 4	17.29
Aug. 2	17.13	Nov. 15	15.21	Nov. 4	17.33	Nov. 2	17.29
Sept. 26	17.82						

453050N1230810.1. Local number 1/4W-2H1. Miran Sheelar. Drilled irrigation water-table well in alluvium, diam 6 in, depth 85 ft, cased with steel to unknown depth. Lsd 170 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 7.81 below lsd, Jan. 13, 1959; lowest 42.29 below lsd, July 17, 1951. Records available: 1951-65.

Mar. 19, 1951	9.31	June 30, 1952	12.72	Aug. 31, 1953	13.33	May 12, 1956	11.94
Apr. 17	11.66	July 20	40.78	Oct. 5	13.81	Aug. 20	a40.56
May 18	12.15	Aug. 21	37.29	Dec. 3	10.92	Dec. 23	11.16
June 19	a21.36	Sept. 27	16.36	Feb. 4, 1954	9.03	June 25, 1957	13.91
July 17	42.29	Oct. 30	15.59	Apr. 20	11.39	Sept. 25	a43.10
Aug. 16	a41.15	Nov. 20	14.82	July 15	a58.45	Jan. 9, 1958	10.82
Sept. 25	18.33	Dec. 22	11.72	Sept. 29	15.01	Apr. 21	10.79
Oct. 23	12.43	Feb. 3, 1953	8.92	Mar. 23, 1955	10.85	July 9	15.64
Nov. 24	10.34	Mar. 2	10.65	May 29	11.94	Jan. 13, 1959	7.81
Dec. 18	10.08	Apr. 9	10.86	Aug. 3	a41.21	June 17	12.23
Jan. 16, 1952	9.54	May 4	11.31	Sept. 6	26.56	Sept. 4	17.23
Feb. 19	10.10	June 1	11.53	Nov. 25	8.47	Dec. 27	11.08
Mar. 18	10.05	July 1	a49.08	Dec. 20	8.31	Mar. 23, 1960	10.75
Apr. 28	11.71	Aug. 10	18.45	Feb. 19, 1956	10.68	Oct. 12	14.75

453050N1230810, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1961	9.82	Aug. 2, 1962	a36.22	Aug. 12, 1963	a41.37	Oct. 29, 1964	16.18
May 6	11.80	Sept. 26	a39.79	Nov. 15	11.67	Feb. 2, 1965	9.82
Sept. 19	17.19	Nov. 9	13.15	Feb. 3, 1964	9.65	Apr. 30	12.75
Jan. 15, 1962	11.67	Mar. 4, 1963	11.36	May 11	12.29	Aug. 4	16.22
Apr. 6	11.32	May 14	10.87	Aug. 3	14.54	Nov. 2	16.94

a Well being pumped.

b Well pumped recently.

Yamhill County

450829N1231438.1. Local number 5/5W-13B1. George Fuller. Drilled domestic and stock artesian well in sand and gravel, diam 7 in, depth 64 ft, cased with steel. Lsd 151.09 ft above msl. MP top of steel casing, 0.50 ft above lsd. Highest water level 8.25 below lsd, Apr. 1, 1963; lowest 35.78 below lsd, Sept. 13, 1951. Records available: 1928-30, 1935-36, 1938-65.

Jan. 16, 1961	10.72	Aug. 14, 1962	19.18	July 15, 1963	17.60	Oct. 12, 1964	21.43
May 6	14.62	Sept. 25	20.83	Oct. 4	20.16	Jan. 6, 1965	11.54
Sept. 29	a39.86	Oct. 16	19.91	Jan. 13, 1964	10.33	Apr. 12	16.07
Jan. 24, 1962	12.89	Jan. 15, 1963	16.30	Apr. 13	14.56	July 2	16.83
Mar. 26	10.42	Apr. 1	8.25	July 13	17.49	Oct. 4	a41.86

a Well being pumped.

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# UTAH

The observation-well program in Utah, begun in 1935, was continued through 1965 in cooperation with the State Engineer. Water-level measurements were made in selected observation wells scattered through 42 ground-water areas of the State. Forty-four of these wells are equipped with recording gages. Figure 7 shows the location of observation wells included in this report.

## Well-Numbering System

The well number indicates the location of the well with reference to land subdivision, according to the system adopted by the State Engineer. By this system (described in the 20th Biennial Report) the State is divided into four quadrants by the Salt Lake base and meridian. These quadrants are designated by capital letters, thus: A for the northeast quadrant, representing townships north, ranges east; B for the northwest quadrant, C for the southwest, and D for the southeast. Numbers designating the township and range follow the quadrant letter, and all three are enclosed in parentheses. Thus, in well number (C-28-7)21daa-1, the part within parentheses indicates that the well is in T. 28 S., R. 7 W. The number after the parentheses designates the section. The lowercase letters give the location of the well within the section, the first letter indicating the quarter section and the other letters the location within the quarter section down to a 10-acre tract. Thus, number (C-28-7)21daa-1 represents well number 1 in the NE¼NE¼SE¼ sec. 21, T. 28 S., R. 7 W. In the area surveyed from the Uinta special base and meridian (in Duchesne and Uintah Counties), the well numbers are preceded by the letter U. The State claim or application number given is that used in records of the State Engineer. Claim numbers refer to wells that were in existence when the State ground-water law went into effect in March 1935; the application numbers refer to wells completed since that date.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

### Beaver County

#### Beaver Valley

381642N1123857.1. Local number (C-29-7)21baa-1. State application 21717. John R. and J. Ellis Yardley. Drilled irrigation artesian well in alluvium, diam 12 to 6 in, depth 415 ft, cased to 380. Lsd 5,865.2 ft above msl. MP top of 12-in casing, 0.20 ft above lsd. Highest water level 0.08 below lsd, June 24, 1952; lowest 29.71 below lsd, Mar. 29, 1960. Records available: 1935-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1961	29.12	Oct. 5, 1961	21.97	Mar. 20, 1963	24.65	Oct. 28, 1964	20.88
Mar. 14	27.47	Apr. 2, 1962	26.54	Oct. 11	21.87	Mar. 13, 1965	27.02
May 2	18.07	Oct. 16	18.91	Mar. 25, 1964	29.24	Nov. 3	16.48
June 9	13.86						

381516N1124222.1. Local number (C-29-8)25cac-1. State claim 13115. Beaver School District. Drilled domestic artesian well in alluvium, diam 2 in, depth 290 ft, cased to 250. Lsd about 4,670 ft above msl. MP top of 2-in elbow, 2.40 ft above lsd. Highest water level 13.0 above lsd, June 29, 1938; lowest 10.1 above lsd, Dec. 5, 1956. Oct. 20, 1960. Records available: 1936-57, 1959-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1961	10.3	Oct. 5, 1961	11.0	Mar. 20, 1963	11.3	Mar. 25, 1964	10.5
Mar. 14	11.5	Oct. 16, 1962	11.2	Oct. 11	10.3	Mar. 13, 1965	11.0

#### Escalante Valley

[For other wells in this valley see Iron and Washington Counties]

382138N1130033.1. Local number (C-28-10)19add-1. State claim 6564. Clauss Marshall (previously reported Claus Marshall). Drilled irrigation water-table well in alluvium, diam 16 in, depth 65 ft, cased to 65, perforated 12-65. Lsd 4,973.9 ft above msl. MP hole in pumpbase, 1.20 ft above lsd. Highest water level 1.80 below lsd, Mar. 27, 1948; lowest 27.06 below lsd, Oct. 11, 1963. Records available: 1936-63. Well destroyed; measurement discontinued. Replaced by well (C-28-10)19add-3. Mar. 15, 1961, 17.54; Oct. 6, 24.43; Mar. 31, 1962, 18.60; Oct. 11, 25.72; Mar. 20, 1963, 21.29; Oct. 11, 27.06.

382140N1130105.1. Local number (C-28-10)19add-3. State application A-20265 "R". Clauss Marshall. Drilled irrigation water-table well in alluvium, diam 14 in, depth 160 ft, casing unknown. Lsd 4,974.4 ft above msl. MP hole in pumpbase, 1.20 ft above lsd. Highest water level 9.85 below lsd, Mar. 24, 1955; lowest 33.10 below lsd, Oct. 8, 1965. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 7, 1954	14.44	May 19, 1957	14.61	Oct. 10, 1959	20.90	Oct. 11, 1962	25.72
Dec. 9	11.97	June 11	22.96	Dec. 5	18.45	Mar. 20, 1963	20.29
Mar. 24, 1955	9.85	Oct. 9	20.80	Mar. 22, 1960	15.26	Oct. 11	27.06
Oct. 11	16.53	Dec. 7	17.54	Oct. 13	23.50	Mar. 25, 1964	21.85
Nov. 30	14.40	Mar. 21, 1958	14.73	Dec. 7	20.20	Oct. 28	28.05
Mar. 20, 1956	11.50	Oct. 10	18.80	Mar. 15, 1961	17.54	Mar. 12, 1965	23.78
Oct. 12	19.82	Dec. 6	16.72	Oct. 6	24.43	Oct. 8	33.10
Dec. 5	17.04	Mar. 28, 1959	13.83	Mar. 31, 1962	18.60		



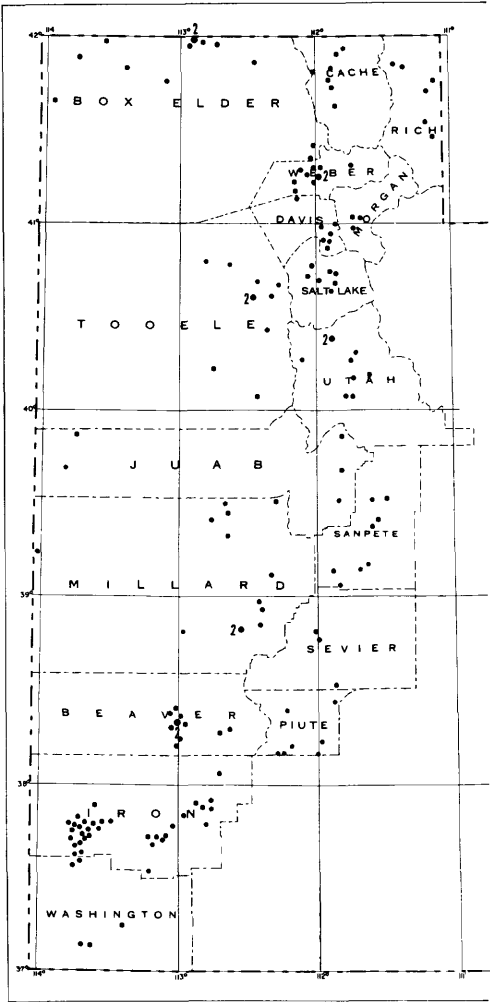
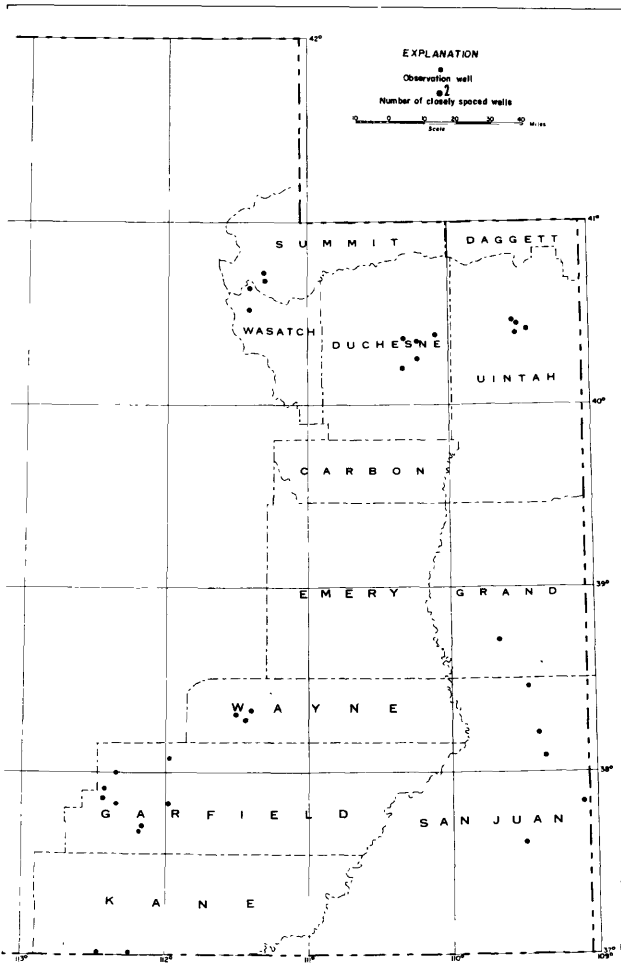


Figure 7. --Location of observation



wells in Utah, 1961-65.

382137N1130403.1. Local number (C-28-11)22dab-1. Houston & Goff. Drilled stock water-table well in alluvium, diam 8 in, depth 72 ft, cased to 72. Lsd 5,004 ft above msl. MP top of casing, 5.10 ft below lsd. Highest water level 29.90 below lsd, Dec. 7, 1951; lowest 44.73 below lsd, Oct. 8, 1965. Records available: 1941-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 15, 1961	39.20	Oct. 11, 1962	41.57	Mar. 28, 1964	42.03	Mar. 12, 1965	43.15
Oct. 6	41.36	Mar. 19, 1963	41.00	Oct. 28	43.50	Oct. 8	44.73
Apr. 2, 1962	39.92	Oct. 11	43.08				

381904N1125908.1. Local number (C-29-10)3bcd-1. Test well. U.S. Geol. Survey. Drilled observation artesian well in alluvium, diam 4 in, depth 133 ft, cased to 133. Lsd 5,175 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 115.65 below lsd, Nov. 21, 1953; lowest dry at 133 below lsd, Apr. 2, 1962, Mar. 25, Oct. 27, 1964. Records available: 1953-62, 1964. No measurement made in 1963. Measurement discontinued. Mar. 14, 1961, 124.80; May 2, 125.28; Apr. 2, 1962, dry; Mar. 25, 1964, dry, Oct. 27, dry.

381909N1130051.1. Local number (C-29-10)6aca-1. State claim a-2042. H. Leo Clayson. Drilled unused water-table well in alluvium, diam 16 in, depth 98 ft, cased to 98 (previously reported diam 14 in, depth 63 ft, cased to 63). Lsd 5,013.5 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 26.97 below lsd, Mar. 18, 1953; lowest 69.27 below lsd, Sept. 15, 1964. Records available: 1951-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	47.29	45.98	44.75	43.62	50.32	59.16	61.37	64.12	65.97	58.81	52.89	47.68
10	47.07	.....	44.53	43.42	51.98	60.37	62.83	64.43	65.78	57.79	52.33	47.33
15	46.79	.....	44.24	43.38	53.66	61.12	63.28	64.82	65.59	56.43	51.93	47.02
20	46.50	.....	44.18	43.16	55.13	61.35	63.72	65.03	63.63	54.44	51.57	46.84
25	46.34	.....	43.93	44.86	56.08	61.20	64.15	65.38	61.72	54.08	51.33	46.43
Eom	46.16	.....	43.55	47.52	57.83	61.85	64.32	65.73	60.13	53.27	47.98	46.31

1962

5	48.88	47.38	46.40	45.23	52.79	61.61	63.51	66.36	67.40	63.67	56.33	52.62
10	48.68	47.13	46.01	45.02	55.01	62.21	64.03	66.50	67.45	61.87	55.29	52.32
15	48.37	46.96	45.88	44.83	56.84	62.73	64.64	66.66	67.39	60.52	54.37	52.10
20	47.89	46.67	45.67	47.45	58.22	62.56	65.28	66.81	67.03	59.48	53.83	52.17
25	48.03	46.60	45.55	49.27	59.57	62.52	65.67	67.04	66.63	58.47	53.39	52.25
Eom	47.63	46.65	45.35	51.35	60.83	62.97	66.14	67.27	65.63	57.31	52.90	52.14

1963

5	50.96	49.50	.....	48.06	.....	66.10	67.70	68.64	65.95	.....	.....	.....
10	50.55	49.19	.....	48.06	58.90	.....	66.39	67.88	68.22	64.85	.....	.....
15	50.40	49.12	.....	48.22	60.60	.....	66.66	68.02	68.64	63.61	.....	.....
20	50.25	48.85	.....	.....	.....	.....	67.00	68.23	68.17	62.43	.....	.....
25	49.57	48.72	48.08	.....	.....	65.00	67.22	68.38	67.45	61.32	.....	.....
Eom	49.67	.....	48.07	.....	.....	65.65	67.51	68.57	66.67	.....	.....	.....

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	51.20	50.15	49.16	56.13	62.89	65.22	67.84	68.92	68.72	64.02	59.00
10	.....	51.02	50.14	49.18	57.77	63.28	65.90	68.14	69.08	68.23	62.77	58.08
15	.....	50.81	49.95	48.90	57.26	64.25	66.43	68.38	69.22	67.58	61.76	57.52
20	.....	50.30	49.70	48.90	58.15	64.47	66.50	68.60	69.21	66.95	61.05	57.10
25	.....	50.62	49.70	51.45	59.85	64.36	67.14	68.65	68.97	66.17	60.10	56.32
Eom	.....	50.32	49.31	54.12	61.63	64.50	67.57	68.82	69.02	65.02	59.46	55.53

5	55.05	52.98	52.05	51.08	59.00	65.48	67.21	68.27	68.02	67.09	64.97	60.54
10	54.52	52.94	51.85	50.84	60.88	65.93	67.49	68.13	68.28	66.61	64.25	59.92
15	54.40	52.70	51.64	50.94	62.39	66.41	67.76	68.07	68.30	66.55	63.40	59.37
20	53.82	52.48	51.54	51.03	63.78	66.62	67.99	68.11	68.15	66.19	62.57	58.79
25	53.77	52.37	51.44	54.60	64.58	66.82	68.12	67.96	67.85	65.69	61.78	58.26
Eom	53.23	52.22	51.10	57.37	65.23	67.00	68.25	67.86	67.54	65.27	61.15	57.55

381836N1130043.1. Local number (C-29-10)6ddc-2. State claim 13116-R, Wilford Thompson. Drilled irrigation water-table well in alluvium, diam 16 in, depth 154 ft, cased to 154. Lsd 5,033.0 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 34.10 below lsd, Mar. 16, 1953; lowest 75.93 below lsd, Oct. 8, 1965. Records available: 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 15, 1961	53.15	Oct. 16, 1962	65.98	Mar. 25, 1964	58.90	Mar. 12, 1965	60.40
Oct. 5	64.68	Mar. 19, 1963	57.05	Oct. 27	69.86	Oct. 8	75.93
Mar. 31, 1962	54.45	Oct. 11	69.20				

381925N1130540.1. Local number (C-29-11)4baa-1. W. H. Child. Dug stock water-table well in alluvium, diam 4 ft, depth 41 ft, lined with rock. Lsd 5,022.5 ft above msl. MP top of railroad tie on east side of discharge pipe, 1.00 ft above lsd. Highest water level 34.10 below lsd, Apr. 1, 1952; lowest 48.39 below lsd, Oct. 9, 1957. Records available: 1941-46, 1948-65.

Mar. 15, 1961	39.34	Oct. 11, 1962	44.58	Mar. 28, 1964	39.82	Mar. 12, 1965	42.81
Oct. 6	39.88	Mar. 20, 1963	40.81	Oct. 27	42.50	Oct. 8	43.63
Apr. 2, 1962	40.72	Oct. 11	41.65				

381743N1130322.1. Local number (C-29-11)1icdd-2. State claim 7540. J. L. Shepherd. Drilled irrigation water-table well in alluvium, diam 16 in, depth 90 ft, cased to 90, perforated 56-62, 65-69, 78-90. Lsd 5,018.16 ft above msl. MP hole in casing, at lsd. Highest water level 17.10 below lsd, Mar. 23, 1950; lowest 39.56 below lsd, Oct. 8, 1965. Records available: 1937-65.

Mar. 15, 1961	30.25	Oct. 11, 1962	34.93	Mar. 25, 1964	33.95	Mar. 12, 1965	36.02
Oct. 5	33.59	Mar. 20, 1963	33.69	Oct. 27	38.05	Oct. 8	39.56
Apr. 2, 1962	31.30	Oct. 11	36.65				

381400N1125818.1. Local number (C-30-10)4aaa-1. Test well. U.S. Geol. Survey. Drilled observation artesian well in alluvium, diam 4 in, depth 161 ft, cased to 161. Lsd about 5,179 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 126.78 below lsd, Dec. 3, 1953; lowest dry at 148 below lsd, Oct. 8, 1965. Records available: 1953-65.

381400N1125818, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 15, 1961	136.33	Oct. 11, 1962	139.00	Mar. 28, 1964	140.65	Mar. 12, 1965	142.64
Mar. 31, 1962	138.00	Mar. 20, 1963	139.32	Oct. 27	142.28	Oct. 8	(f)

f Dry.

Box Elder County

## East Shore Area

[For other wells in this area see Davis and Weber Counties]

412151N1120206.1. Local number (B-7-2)11baa-3. State claim 6409. Jack White. Drilled unused water-table well in alluvium, diam 10 in, depth 365 ft, cased to 365. Lsd 4,231.0 ft above msl. MP hole in casing, 1.50 ft above lsd. Highest water level 24.97 below lsd, Sept. 24, 1952; lowest 45.70 below lsd, Oct. 18, 1961. Records available: 1947-65.

Mar. 8, 1961	41.11	Mar. 14, 1962	44.55	Mar. 12, 1964	40.61	Aug. 20, 1965	33.02
Aug. 16	44.82	Feb. 26, 1963	36.77	Nov. 24	31.09	Oct. 15	32.28
Oct. 18	45.70	Dec. 17	39.94	Mar. 1, 1965	35.31	Dec. 13	31.84

412439N1120216.1. Local number (B-8-2)23cdb-1. State claims 1284 and 8126. Willard Water Co. Drilled irrigation artesian well in coarse gravel, diam 13 to 10 in, depth 255 ft, cased to 225, perforated 97-172, 180-197. Lsd 4,328.8 ft above msl. MP bottom of inspection opening in pumpbase, 0.50 ft above lsd. Highest water level 24.04 below lsd, June 4, 1958; lowest 50.44 below lsd, Oct. 29, 1935. Records available: 1935-65.

Mar. 8, 1961	44.79	Feb. 26, 1963	42.43	Nov. 24, 1964	41.72	Oct. 15, 1965	43.48
Oct. 18	49.70	Dec. 16	43.94	Mar. 11, 1965	41.85	Dec. 13	40.48
Mar. 14, 1962	44.93	Mar. 13, 1964	45.60	Aug. 20	37.08		

## Blue Springs Valley

415148N1122706.1. Local number (B-13-5)17bca-1. State claim 3776. Ross A. Miller. Driven domestic and stock artesian well in alluvium, diam 6 in, depth 135 ft, cased to 135. Lsd 4,500 ft above msl. MP top of casing, 1.40 ft above lsd. Highest water level 59.75 below lsd, Aug. 27, 1951; lowest 94.50 below lsd, May 27, 1952. Records available: 1935-62, 1964-65. No measurement made in 1963. Apr. 4, 1961, 60.37; May 9, 1962, 60.17; Oct. 17, 60.18; Oct. 28, 1964, 60.40; Mar. 11, 1965, 60.49; Aug. 5, 63.43; Nov. 2, 63.13.

## Curlew Valley

414541N1130534.1. Local number (B-12-11)16cdc-1. U. S. Bureau of Land Management. Drilled unused artesian well in gravel, diam 8 in, depth 126 ft, cased to 126. Lsd 4,230+ ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 8.24 below lsd, Oct. 25, 1945; lowest 13.68 below lsd, Aug. 5, 1965. Records available: 1935-36, 1938-59, 1961-65.

Apr. 5, 1961	11.37	Mar. 7, 1963	12.01	Oct. 28, 1964	12.78	Aug. 5, 1965	13.68
Oct. 12	13.28	Dec. 5	12.92	Mar. 11, 1965	12.15	Nov. 2	12.90
May 9, 1962	11.52	Mar. 14, 1964	12.25				

415754N1124248.1. Local number (B-14-8)11ab. Bealy S. Cutler. Jetted stock artesian well in alluvium, diam 4 in, depth 73 ft, cased to 73. Lsd 4,550 ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 39.55 below lsd, Oct. 31, 1951; lowest 48.00 below lsd, Apr. 1, 1940. Records available: 1936-41, 1943-65. (1942 records previously reported available.)

Apr. 4, 1961	46.15	Mar. 6, 1963	43.82	Oct. 28, 1964	40.49	Aug. 5, 1965	40.49
May 9, 1962	43.84	Dec. 4	40.13	Mar. 11, 1965	42.36	Nov. 2	40.90
Oct. 17	40.82	Mar. 13, 1964	44.10				

415806N1124812.1. Local number (B-14-9)1ddd-1. State application 27606. Ralph Taylor. Drilled irrigator artesian well in alluvium interbedded with basalt, diam 14 in, depth 365 ft, cased to 365. Lsd 4,480+ ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 167.33 below lsd, July 27, 1955; lowest 174.92 below lsd, Mar. 11, 1965. Records available: 1955-57, 1959-62, 1964-65. No measurement made in 1963. Apr. 4, 1961, 174.13; May 9, 1962, 173.92; Oct. 28, 1964, 174.74; Mar. 11, 1965, 174.92.

415748N1125524.1. Local number (B-14-9)7bbb-1 (previously reported (B-14-9)7bbc-1). State application 26399. Cummins Bros. Drilled irrigation artesian well in alluvium interbedded with basalt, diam 14 in, depth 608 ft, cased to 608. Lsd 4,410+ ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 154.02 below lsd, May 9, 1962; lowest 163.63 below lsd, Aug. 5, 1965. Records available: 1955-60, 1962, 1964-65. No measurement made in 1961 or 1963. May 9, 1962, 154.02; Dec. 16, 1964, 156.75; Mar. 11, 1965, 159.00; Aug. 5, 163.63; Nov. 2, 162.32.

415754N1125000.1. Local number (B-14-9)9baa-1. Gary Hanna. Formerly Ralph Taylor. Drilled unused artesian well in alluvium interbedded with basalt, diam 14 in, depth 750 ft, cased to 513. Lsd 4,410 ft above msl. MP top of recorder platform, 3.00 ft above lsd. Highest water level 154.54 below lsd, Apr. 30, 1965; lowest 167.63 below lsd, Oct. 16, 1957. Records available: 1956-65.

## Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	162.95	162.83	162.40	162.32	162.80	.....	164.05	.....	.....	.....	163.68	163.57
10	.....	162.70	162.42	162.33	162.90	.....	.....	.....	.....	164.05	163.80	163.42
15	.....	162.65	162.28	162.54	163.05	.....	.....	.....	.....	164.01	163.67	163.36
20	.....	162.73	162.38	162.53	163.17	.....	.....	.....	.....	163.83	163.61	163.28
25	.....	162.54	162.15	162.55	163.10	.....	.....	.....	.....	163.69	163.68	163.27
Eom	.....	162.60	162.32	162.66	.....	.....	.....	.....	.....	163.80	163.53	163.37

415754N1125000.1--Continued.

Highest water level for the day, from recorder graph, 1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	163.28	162.90	162.68	.....	.....	.....	163.50	.....	163.62	.....	.....	.....
10	163.25	162.86	162.71	.....	.....	.....	163.60	.....	.....	.....	.....	.....
15	163.13	162.80	162.71	.....	.....	.....	163.69	.....	.....	164.02	.....	.....
20	162.75	162.75	162.62	.....	.....	.....	163.90	.....	.....	.....	.....	163.37
25	163.21	162.78	162.66	.....	.....	.....	163.56	.....	.....	.....	.....	.....
Eom	163.04	162.75	162.55	.....	.....	163.57	.....	163.00	.....	.....	.....	.....
1963												
5	.....	.....	.....	159.02	159.25	158.95	159.35	160.29	160.51	159.51	.....	.....
10	.....	.....	159.94	159.06	159.41	158.71	159.50	160.63	160.61	159.63	.....	.....
15	.....	.....	158.71	159.23	159.40	159.02	159.69	160.70	160.15	159.62	.....	158.33
20	.....	.....	158.62	159.24	159.38	158.99	160.12	.....	159.95	.....	.....	158.14
25	.....	.....	158.71	159.25	159.24	159.23	160.00	.....	159.90	.....	.....	158.09
Eom	.....	.....	159.12	159.27	158.99	159.41	160.24	160.55	159.83	.....	.....	158.08
1964												
5	157.94	157.48	157.11	156.62	156.47	158.77	159.34	159.60	158.56	157.90	157.54	156.74
10	157.81	157.38	157.18	156.74	156.67	158.52	.....	159.21	159.11	157.72	157.11	156.48
15	157.87	157.36	157.16	156.61	156.67	159.03	.....	158.53	158.83	157.72	157.27	156.32
20	157.53	157.45	157.01	156.64	156.84	158.98	.....	158.26	158.59	157.99	157.20	156.27
25	157.79	157.24	156.98	156.64	157.39	158.86	.....	158.19	158.20	157.92	156.90	156.04
Eom	157.68	157.12	156.61	156.60	158.25	158.72	159.34	158.19	158.07	157.67	156.60	156.07
1965												
5	155.98	155.34	155.23	154.88	154.80	157.35	157.83	159.09	158.41	158.15	157.70	156.96
10	155.50	155.38	155.11	154.75	155.07	157.44	158.03	158.66	158.55	158.11	157.58	156.65
15	156.56	155.89	155.05	154.75	155.32	157.71	158.19	158.58	158.46	158.03	157.40	156.57
20	155.86	155.32	155.10	154.76	156.08	158.22	158.24	158.60	158.41	158.36	157.28	156.69
25	155.94	155.34	155.02	154.75	156.56	157.92	158.62	158.40	158.26	158.03	157.02	.....
Eom	155.47	155.15	155.00	154.54	156.61	157.83	159.39	158.28	158.42	157.79	157.05	.....

415950N1125055.1. Local number (B-15-9)28cbb-1. State application 26582. Ralph Taylor. Drilled irrigation artesian well in alluvium interbedded with basalt, diam 14 in, depth 400 ft, cased to 400. Lsd 4,475± ft above msl. MP top of casing, at lsd. Highest water level 213.90 below lsd, Dec. 12, 1955; lowest 218.98 below lsd, Oct. 15, 1958. Records available: 1955-62. No measurement made in 1963-64. Measurement discontinued 1965. Apr. 4, 1961, 217.72; May 8, 1962, 217.98.

## Grouse Creek Valley

413812N1135430.1. Local number (B-11-18)33ada-1. State application 18061. Ross Warburton. Drilled irrigation artesian well in alluvium, diam 16 in, depth 59 ft, cased to 59. Lsd about 5,200 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 20.05 below lsd, Oct. 24, 1952; lowest 34.33 below lsd, Oct. 12, 1961. Records available: 1948-59, 1961-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 5, 1961	33.60	Oct. 17, 1962	32.64	Dec. 5, 1963	34.05	Mar. 11, 1965	31.26
Oct. 12	34.33	Mar. 7, 1963	32.67	Oct. 24, 1964	30.20	Nov. 2	27.97

## Park Valley

414908N1132419.1. Local number (B-13-14)25cb. J. Henry Kunzler. Dug domestic water-table well in alluvium, diam 4 ft, depth 23 ft, lined with rock. Lsd 5,975± ft above msl. MP top of platform, 0.30 ft above lsd. Highest water level 6.81 below lsd, May 9, 1963; lowest 20.28 below lsd, Apr. 5, 1961. Records available: 1936, 1938-65.

Apr. 5, 1961	20.28	Oct. 17, 1962	17.35	Mar. 14, 1964	17.68	Aug. 5, 1965	8.22
Oct. 12	20.00	Mar. 7, 1963	19.61	Oct. 28	14.74	Nov. 2	14.21
May 9, 1962	6.81	Dec. 5	15.57	Mar. 11, 1965	17.54		

## Raft River Valley

415236N1134430.1. Local number (B-13-17)1dab-1. State claim 18695. Lynn School District. Drilled domestic artesian well in valley fill, diam 4 in, depth 180 ft, cased to 180. Lsd 5,920± ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 17.50 below lsd, Aug. 5, 1965; lowest 26.63 below lsd, Oct. 12, 1961. Records available: 1948-65.

Apr. 5, 1961	25.80	Mar. 7, 1963	23.74	Oct. 28, 1964	22.70	Aug. 5, 1965	17.50
Oct. 12	26.63	Dec. 5	25.10	Mar. 11, 1965	24.56	Nov. 2	20.34
Oct. 17, 1962	22.48						

415738N1133234.1. Local number (B-14-15)3ddd-1. Morris A. Smith. Dug domestic water-table well in alluvium, diam 4 ft, depth 56 ft, lined with rock. Lsd 5,975± ft above msl. MP top of 2 × 6-in plank well cover, 0.20 ft above lsd. Highest water level 28.80 below lsd, May 29, 1952; lowest dry at 56.00 below lsd, Oct. 26, 1960. Records available: 1935-36, 1938-63, 1965. No measurement made in 1964. Apr. 5, 1961, 52.40; Oct. 12, 49.32; Oct. 17, 1962, 49.80; Mar. 7, 1953, 52.54; Mar. 11, 1965, 54.64; Aug. 5, 43.10; Nov. 2, 47.96.

## Cache County

## Cache Valley

413818N115017.1. Local number (A-10-1)4ab. O. H. Anderson. Drilled unused artesian well in alluvium, diam 12 to 10 in, depth 240 ft, cased to 240. Lsd 4,710± ft above msl. MP top of coupling on casing, 1.20 ft above lsd. Highest water level 8.53 below lsd, Oct. 7, 1948; lowest 11.07 below lsd, Mar. 23, 1959. Records available: 1936-65.

Apr. 4, 1961	10.24	Dec. 19, 1962	9.55	Mar. 12, 1964	10.47	Mar. 31, 1965	10.37
Jan. 8, 1962	10.49	Mar. 6, 1963	10.09	Oct. 28	8.69	Aug. 29	8.65
May 8	10.62	Dec. 4	9.35	Dec. 17	9.20	Dec. 15	9.22

414502N115144.1. Local number (A-12-1)29bdd-1. Arnold Nielsen. Drilled unused artesian well in alluvium, diam 2 in, depth 43 ft, cased to 43. Lsd 4,475 ft above msl. MP top of coupling, 0.30 ft above lsd. Highest water level 22.9 above lsd, Sept. 23, 1950; lowest 13.6 above lsd, Aug. 24, 1940. Records available: 1940-65.

414502N1115144, 1--Continued.

Highest water level for the day, above lsd, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+20.2	+19.7	+19.3	+18.5	+18.1	+19.0	+18.7	+18.2	+18.2	+19.0	+19.4	+18.9
10	20.1	19.5	19.3	18.5	18.3	18.6	19.0	18.5	17.9	19.0	19.6	19.0
15	19.7	19.6	19.4	18.3	18.2	18.8	18.5	18.5	17.9	19.4	19.5	19.2
20	19.9	19.5	19.3	18.2	18.2	19.0	18.6	18.5	18.2	19.2	19.4	19.0
25	19.9	19.4	19.2	18.3	18.2	19.0	18.7	18.5	18.6	19.6	19.3	18.0
Eom	19.9	19.5	18.9	18.1	18.6	19.2	18.1	18.5	18.9	19.5	19.3	18.7

1962

5	+18.9	+19.4	+19.0	+18.8	+18.9	+19.4	+19.6	+19.8	+19.6	+19.0	+19.5	+19.7
10	19.0	19.6	18.7	18.8	18.9	19.5	19.4	19.5	19.6	19.5	19.4	18.8
15	19.0	19.2	18.9	18.7	18.8	19.4	19.8	20.3	19.5	19.6	19.6	19.3
20	19.3	19.0	19.1	18.7	19.1	19.7	19.7	19.8	19.3	19.5	19.6	19.2
25	19.6	18.9	19.1	18.9	18.9	19.7	20.4	19.8	19.6	19.7	19.6	19.3
Eom	19.1	18.9	18.9	18.9	19.2	19.0	19.9	19.8	19.1	19.4	19.6	19.0

1963

5	+19.0	+18.2	+18.4	+17.6	+17.7	+18.3	....	+18.4	+17.6	....	+19.2	+19.2
10	18.9	18.3	18.3	17.6	18.1	18.4	+18.6	17.0	18.5	....	18.8	19.2
15	18.4	18.4	18.2	18.3	18.3	18.7	18.5	18.0	19.0	+19.3	19.2	19.0
20	18.7	18.4	18.2	18.1	18.4	18.7	18.6	18.1	18.9	19.3	19.2	19.0
25	18.5	18.4	18.1	....	18.4	19.2	18.5	17.9	19.1	19.4	18.8	19.0
Eom	18.3	18.3	18.0	18.1	18.0	19.2	18.6	17.6	19.2	19.1	18.0	18.6

1964

5	+19.0	+18.6	+18.1	+17.5	+17.5	+17.9	+19.0	+19.3	+20.2	....	+19.6	....
10	18.7	18.5	17.9	17.4	17.4	18.4	18.8	19.2	19.4	....	....	+19.5
15	18.9	18.6	17.7	17.5	17.6	18.8	18.8	19.4	....	+19.4	19.6	19.7
20	18.7	18.6	17.5	17.4	17.8	17.7	18.7	19.7	19.8	19.3	19.6	19.7
25	18.4	18.2	17.5	17.4	17.6	18.8	19.0	19.4	20.1	19.8	19.5	19.3
Eom	18.4	18.3	17.4	17.5	17.8	18.9	19.1	19.7	20.0	19.7	19.4	19.5

1965

5	+19.2	+18.7	+18.6	+18.6	+18.7	+19.1	+19.8	+19.9	+21.9	+21.5	....	....
10	19.1	18.5	18.7	18.7	18.6	19.0	20.0	....	22.0	....	+21.2	+21.0
15	18.9	19.1	18.7	18.7	18.5	19.6	20.0	....	22.0	....	21.0	21.0
20	19.2	18.7	18.6	18.4	18.5	19.8	20.0	....	22.0	21.5	21.0	20.8
25	19.2	18.5	18.8	18.4	....	19.8	20.3	21.4	21.5	21.4	20.8	21.0
Eom	18.9	18.7	18.5	18.5	18.7	20.1	19.9	21.9	21.5	21.4	21.0	20.5

414410N1115236, 1. Local number (A-12-1)31dab-1. State claim 2537. R. S. Painter. Drilled stock and irrigation artesian well in alluvium, diam 3 in, depth 132 ft, cased to 132. Lsd 4,431.1 ft above msl. MP top of elbow, 2.30 ft above lsd. Highest water level 42.4 above lsd, Oct. 23, 1952; lowest 27.4 above lsd, Sept. 30, 1937. Records available: 1936-47, 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 4, 1961	+32.6	Mar. 6, 1963	+31.0	Mar. 12, 1964	+29.4	Mar. 31, 1966	+31.4
Jan. 8, 1962	32.2	Dec. 4	30.8	Dec. 17	31.2	Dec. 15	33.1
Dec. 19	32.3						

415022N1115130, 1. Local number (A-13-1)29bdb-1. State claim 1682. J. C. Cannell. Jetted stock artesian well in alluvium, diam 2 in, depth 106 ft, cased to 106. Lsd 4,480+ ft above msl. MP top of casing, at lsd. Highest water level 9.9 above lsd, Aug. 14, 1936; lowest 7.75 below lsd, Mar. 10, 1942. Records available: 1936-65.

Apr. 4, 1961	-6.25	Dec. 19, 1962	-1.91	Mar. 12, 1964	-7.59	July 29, 1965	+4.7
Jan. 8, 1962	5.50	Mar. 5, 1963	6.37	Oct. 29	1.75	Dec. 15	-3.35
May 8	7.02	Dec. 4	4.14	Mar. 31, 1965	-6.93		

415638N1114942, 1. Local number (A-14-1)22bad-1. State claim 17652. C. B. Stoddard. Jetted stock artesian well in alluvium, diam 3 in, depth 114 ft, cased to 114. Lsd 4,467.36 ft above msl. MP top of ell, 2.00 ft above lsd. Highest water level 18.8 above lsd, July 29, 1965; lowest 2.50 above lsd, Dec. 16, 1940. Records available: 1938-65.

Aug. 19, 1938	+12.7	Oct. 31, 1941	+4.58	Dec. 19, 1944	+6.0	Apr. 3, 1956	+7.30
Oct. 14	6.7	Nov. 14	4.68	Feb. 28, 1945	6.0	Dec. 17	4.30
Dec. 9	6.8	Dec. 1	3.90	Dec. 6	8.6	Mar. 27, 1957	5.5
Apr. 5, 1939	6.2	10	5.12	Dec. 9, 1946	8.9	Dec. 4	5.7
June 1	12.2	Jan. 20, 1942	5.63	Apr. 1, 1947	10.4	Mar. 19, 1958	5.9
Aug. 7	6.6	Feb. 11	6.00	Apr. 1, 1948	6.9	Oct. 15	7.5
Oct. 3	4.26	Mar. 6	6.2	Mar. 28, 1949	7.0	Dec. 2	5.0
Dec. 27	2.88	25	6.45	Dec. 8	6.5	Mar. 23, 1959	4.4
Feb. 6, 1940	2.88	Apr. 1	7.10	Mar. 28, 1950	9.8	Dec. 21	4.2
Mar. 8	2.90	2	7.4	Dec. 14	8.4	Mar. 29, 1960	5.1
Apr. 2	5.5	8	8.05	Mar. 27, 1951	9.2	Oct. 25	4.2
May 2	8.5	13	9.10	Oct. 30	8.9	Apr. 4, 1961	3.3
June 24	10.3	May 1	12.5	Apr. 14, 1952	9.0	May 8, 1962	11.7
Oct. 10	3.55	5	12.8	Oct. 22	9.4	Dec. 19	2.89
Dec. 16	2.50	14	13.5	Mar. 30, 1953	6.6	Mar. 6, 1963	2.62
Mar. 13, 1941	4.68	Aug. 22	11.2	Apr. 13, 1954	4.72	Oct. 29, 1964	6.20
28	6.72	Dec. 29	6.0	Dec. 6	3.05	Mar. 31, 1965	5.45
Sept. 19	6.50	Dec. 3, 1943	7.4	Apr. 8, 1955	3.80	July 29	18.8
Oct. 6	5.44	Apr. 12, 1944	6.2	Dec. 13	3.58	Dec. 15	6.1
9	5.15						

415450N1114908, 1. Local number (A-14-1)34adb-1. State claim 1373. Crockett Well Co. Drilled irrigation artesian well in alluvium, diam 13 to 8 in, depth 150 ft, cased to 100, perforated 10-68. Lsd 4,543.7 ft above msl. MP top of casing, 1.80 ft above lsd. Highest water level 2.95 below lsd, June 26, 1936; lowest 17.99 below lsd, Dec. 27, 1939. Records available: 1935-65.

Apr. 4, 1961	14.23	Mar. 6, 1963	15.18	Oct. 29, 1964	12.86	Mar. 31, 1965	11.65
May 8, 1962	12.04	Dec. 4	13.98	Dec. 17	13.64	Dec. 15	13.15
Dec. 19	14.33	Mar. 12, 1964	15.37				

415008N1115939.1. Local number (B-13-1)30acc-1. State claim 2757. E. R. Ballard. Jetted stock artesian well in fine gravel, diam 2 in, depth 90 ft, cased to 90. Lsd 4,425+ ft above msl. MP top of elbow, 3.00 ft above lsd. Highest water level 23.4 above lsd, Aug. 9, 1949; lowest 15.7 above lsd, Mar. 6, 1936. Records available: 1936-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 4, 1961	+18.4	Mar. 6, 1963	+20.3	Oct. 29, 1964	+21.0	July 29, 1965	+18.7
Jan. 8, 1962	17.2	Dec. 4	19.8	Mar. 31, 1965	20.1	Dec. 15	22.8
Dec. 19	17.8	Mar. 12, 1964	18.5				

### Davis County

#### East Shore Area

(For other wells in this area see Box Elder and Weber Counties)

#### Bountiful District

405447N1115243.1. Local number (A-2-1)18abd. T. Q. Williams. Jetted unused artesian well in alluvium, diam 2 in, depth 90 ft, cased to 90. Lsd 4,285+ ft above msl. MP top of recorder-shelter support, 2.40 ft above lsd. Highest water level 31.6 above lsd, June 9, 1948; lowest 2.7 above lsd, Aug. 5, 1961. Records available: 1936-65.

#### Water level at noon, above lsd, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+13.0	+13.5	+12.6	+11.4	+10.3	+8.1	+5.7	+2.7	+3.3	+4.5	+5.7	+5.6
10	13.1	13.6	12.4	11.2	10.4	7.3	4.0	2.8	3.3	4.9	5.9	6.2
15	13.2	13.7	12.3	11.0	9.9	5.9	3.8	3.0	3.5	4.9	5.5	...
20	13.3	13.6	12.0	10.9	9.9	5.5	3.6	...	4.0	5.0	5.7	...
25	13.3	13.2	11.9	10.7	9.9	5.3	3.2	3.0	4.3	4.8	5.7	...
Eom	13.5	...	11.5	10.7	5.7	4.8	3.4	3.5	4.2	5.6	6.0	...

#### Highest water level for the day, above lsd, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.5	+6.7	+7.5	+8.2	+10.6	+12.8	+10.5	+11.1	+11.8	+13.8	+14.4	+14.1
10	6.5	6.7	7.5	8.5	10.7	13.0	9.7	10.9	12.2	14.2	14.3	14.1
15	6.6	6.8	7.6	9.0	11.0	...	11.2	11.3	13.1	13.8	14.2	14.0
20	6.7	7.1	7.7	8.9	11.6	13.3	10.6	11.7	13.2	14.3	14.0	14.0
25	...	7.4	7.8	9.4	11.9	13.0	10.8	12.0	13.5	14.3	14.0	14.0
Eom	6.7	...	8.0	9.8	12.3	13.0	10.5	11.9	13.7	14.2	14.0	14.0

#### 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+13.8	+13.4	+12.2	+11.7	+11.8	...	+10.7	+9.9	+12.4	+12.5	+11.1	+12.0
10	13.9	13.0	12.2	11.5	11.8	+11.9	10.9	9.8	13.0	12.2	11.4	12.0
15	...	12.7	12.3	11.6	11.9	12.1	11.1	10.0	12.7	12.3	12.5	...
20	...	12.7	12.1	11.2	11.8	12.3	9.4	9.5	12.6	12.4	12.3	...
25	...	12.5	11.5	11.7	11.9	12.4	9.0	10.0	12.9	12.1	12.1	11.9
Eom	...	12.7	11.8	11.7	11.2	12.0	9.7	10.3	12.9	11.4	11.8	11.9

#### 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+11.6	+11.1	+10.5	+9.8	+10.0	+13.1	+14.8	+15.7	+18.0	+18.1	+19.8	+20.0
10	11.9	10.9	10.3	9.8	10.5	14.1	15.8	15.8	18.4	18.7	20.5	20.3
15	11.5	10.9	10.3	9.8	...	14.7	14.0	16.5	18.4	19.0	20.0	20.2
20	11.5	10.9	10.2	9.8	11.5	14.9	14.0	17.2	18.7	18.5	20.0	20.2
25	11.3	10.5	10.1	9.8	11.9	15.3	14.0	17.0	19.3	18.6	20.0	19.7
Eom	11.3	10.5	10.0	9.9	12.2	14.9	15.5	18.0	19.0	19.5	20.1	20.1

#### 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+19.2	+18.8	+18.7	+17.9	+17.8	+18.0	+19.0	+20.0	+20.2	+20.8	+20.6	+19.0
10	19.1	18.7	18.6	17.6	17.6	18.0	19.0	19.9	19.9	20.7	19.7	19.2
15	19.2	18.4	18.1	17.8	17.9	18.0	18.2	18.9	20.9	20.5	19.7	19.1
20	18.8	18.4	17.9	17.7	18.0	18.2	18.1	19.8	21.0	20.2	19.6	19.0
25	18.9	18.2	17.9	17.4	18.0	18.3	18.0	20.7	21.8	20.6	19.4	...
Eom	18.8	18.5	18.2	17.7	18.0	18.3	18.6	20.1	21.0	21.0	...	...

405328N1115245.1. Local number (A-2-1)19dbc-1. State claim 1447. Bountiful City Corp. Drilled municipal artesian well in alluvium, diam 12 to 8 in, depth 380 ft, cased to 380. Lsd 4,367.8 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 57.12 below lsd, May 31, 1935; lowest 98.77 below lsd, Oct. 20, 1961. Records available: 1937-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1961	87.92	July 22, 1961	94.54	Nov. 29, 1963	83.88	Feb. 25, 1965	75.15
Feb. 2	88.86	Oct. 20	98.77	Mar. 17, 1964	88.07	Aug. 9	74.76
Mar. 10	89.27	Mar. 14, 1962	97.52	Oct. 15	71.22	Oct. 11	69.41
May 2	89.42	Feb. 25, 1963	91.12	Dec. 7	77.07	Dec. 15	72.89

405351N1115408.1. Local number (B-2-1)24bad-3. State claim 2677. Clyde Jeppson. Jetted irrigation artesian well in alluvium, diam 3 in, depth 386 ft, cased to 386. Lsd 4,247.6 ft above msl. MP top of ell, 1.00 ft above lsd. Highest water level 51.5 above lsd, June 6, 1949, May 12-13, 1950; lowest 15.0 above lsd, Nov. 20, 1961. Records available: 1945-65.

#### Water level at noon, above lsd, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+26.1	+25.1	+25.9	+25.6	...	...	...	...	...	+15.7	...	+15.7
10	26.0	25.1	25.5	25.4	...	...	...	...	...	15.8	...	15.8
15	25.8	25.0	25.5	25.5	...	...	...	...	...	16.0	+15.1	15.9
20	25.7	25.4	25.4	25.6	+23.6	...	...	...	...	16.0	15.0	15.9
25	25.6	25.5	25.1	25.6	23.5	...	...	...	...	16.0	15.2	16.1
Eom	25.5	25.6	25.5	...	22.9	19.8	18.8	...	...	...	15.7	16.1

405351N115408.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+16.1	+16.1	+16.6	+17.3	+18.3	+18.5	...	...	...	...	+24.8	+24.9
10	16.1	16.1	16.7	17.2	18.6	18.7	...	...	...	...	24.8	24.9
15	16.5	16.3	16.8	17.5	18.3	...	+18.5	...	...	+23.4	24.8	24.6
20	16.1	16.3	17.0	17.8	18.2	...	18.5	...	...	23.7	24.8	24.4
25	16.1	16.2	16.9	17.8	17.7	...	...	+19.4	...	24.0	24.8	24.8
Eom	16.0	16.4	17.2	18.2	18.4	...	...	19.6	...	24.4	24.7	24.7

Highest water level for the day, above lsd, from recorder graph, 1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.5	+24.4	+24.3	+23.9	+24.5	+23.6	....	....	....	+29.0	+30.0	+30.0
10	24.5	24.5	24.3	23.6	24.5	24.0	....	....	....	29.0	29.9	30.2
15	24.5	24.2	24.3	24.4	24.3	24.3	+25.1	....	....	29.3	30.5	29.8
20	24.5	24.0	23.8	23.5	24.3	....	....	+25.5	+38.3	29.4	30.4	29.5
25	24.3	24.2	24.0	24.5	23.5	....	....	26.0	28.9	29.5	30.0	....
Eom	24.4	24.0	24.2	24.5	23.7	e24.3	25.1	26.2	29.2	29.3	30.0	....

1964												
5	+29.4	....	+28.0	+28.0	+28.3	+27.5	+29.4	....	....	+35.9	+37.7	+38.0
10	....	+28.2	28.0	28.0	28.5	28.5	29.1	+31.5	....	35.7	38.2	38.0
15	28.5	28.0	27.9	28.1	....	29.0	29.0	....	....	36.9	38.0	38.0
20	....	27.9	27.9	27.5	28.0	29.0	....	....	....	37.0	38.2	38.6
25	....	27.9	28.0	27.6	....	30.0	....	....	+35.6	37.1	38.4	38.0
Eom	....	27.7	28.0	28.4	27.1	29.5	....	....	36.1	36.7	38.5	37.8

1965												
5	+38.2	.....	+38.7	+38.4	+38.5	+39.4	+39.6	+40.2	+41.8	+42.8	+41.7	+41.5
10	37.6	+37.9	38.5	38.1	39.0	38.9	39.7	39.8	42.0	42.6	42.0	41.5
15	37.9	39.7	38.6	38.6	39.3	39.4	39.6	40.3	42.4	42.8	42.0	41.2
20	37.9	38.6	38.5	38.3	39.1	38.4	39.1	40.8	42.4	42.6	42.0	41.0
25	38.0	38.9	38.5	37.8	39.3	38.9	39.1	41.8	42.4	42.6	42.2	41.0
Eom	37.6	38.8	39.0	38.9	39.4	40.4	39.3	41.8	42.5	42.1	42.0	40.7

e Estimated.

405302N115441.1. Local number (B-2-1)26aad-1. State claim 3656. N. L. Starrs. Jetted domestic artesian well in alluvium, diam 3 in, depth 250 ft, cased to 250. Lsd 4,243.4 ft above msl. MP top of reducer, 1.40 ft above lsd. Highest water level 51.5 above lsd, Jan. 1, 1943; lowest 13.2 above lsd, Oct. 20, 1961. Records available: 1936-65. (Water levels shown for 1955 are additional measurements supplied by U. S. Bureau of Reclamation.)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1955	+33.4	Dec. 8, 1955	+30.6	Dec. 7, 1962	+23.9	Dec. 7, 1964	+37.3
Mar. 10	33.0	20	34.1	Feb. 25, 1963	22.7	Feb. 25, 1965	38.2
June 16	29.8	Mar. 10, 1961	25.7	Nov. 30	29.7	Aug. 9	36.3
July 28	28.1	July 21	13.9	Mar. 17, 1964	27.7	Oct. 11	37.9
Sept. 13	24.7	Oct. 20	13.2	Oct. 15	32.4	Dec. 15	40.8
20	31.9	Mar. 9, 1962	15.9				

405211N115407.1. Local number (B-2-1)36bad-2. State claim 4550. M. P. Parkin. Jetted unused artesian well in alluvium, diam 2 in, depth 85 ft, cased to 85. Lsd 4,307.9 ft above msl. MP top of casing, 0.28 ft above lsd. Highest water level 10.75 below lsd, Aug. 26, 1942; lowest 40.18 below lsd, Sept. 9, 1959. Records available: 1936-60, 1963-65. No measurement made in 1961-62.

May 15, 1963	31.87	Oct. 15, 1964	26.68	Feb. 25, 1965	24.32	Oct. 11, 1965	21.19
Nov. 29	33.88	Dec. 7	25.07	Aug. 9	23.15	Dec. 15	21.76
Mar. 17, 1964	35.92						

## Layton District

410007N115558.1. Local number (B-3-1)15aab-1. State claim 8156. Hights Bench Irrigation Co. Drilled unused artesian well in alluvium, diam 12 to 8 in, depth 720 ft, cased to 635. Lsd 4,282.9 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 11.51 below lsd, Dec. 15, 1965; lowest 16.35 below lsd, Dec. 11, 1935. Records available: 1935-65.

Mar. 10, 1961	12.60	June 14, 1963	12.32	Oct. 15, 1964	12.07	Aug. 10, 1965	11.56
Oct. 25	13.66	20	12.34	Dec. 7	13.23	Oct. 11	11.68
Mar. 14, 1962	13.32	Dec. 2	12.48	Feb. 25, 1965	11.57	Dec. 15	11.51
Feb. 25, 1963	12.80	Mar. 18, 1964	12.39				

410738N120722.1. Local number (B-5-3)36ada-1. State claim 3074. Mary Stoddard. Jetted domestic artesian well in alluvium, diam 3 in, depth 460 ft, cased to 460, perforated 360-380, 430-450. Lsd 4,227.02 ft above msl. MP top of tee, 1.00 ft above lsd. Highest water level 37.7 above lsd, May 26, 1953; Mar. 9, 1954; lowest 12.3 above lsd, Aug. 10, 1965. Records available: 1935-65.

Jan. 9, 1961	+29.9	June 9, 1961	+26.1	Mar. 12, 1962	+25.0	Mar. 29, 1965	+17.5
Feb. 3	29.6	July 12	24.3	Feb. 25, 1963	25.5	Aug. 10	12.3
Mar. 3	30.0	Aug. 11	16.8	Dec. 13	23.1	Oct. 11	16.5
Apr. 7	30.3	Sept. 13	18.2	Mar. 18, 1964	23.0	Dec. 15	17.8
May 12	30.4	Oct. 12	22.3				



Duchesne County

## Uinta Basin

[For other wells in this basin see Uintah County]

402401N1100612.1. Local number U(C-1-2)15bbc-1. State claim 2152. R. M. Clark. Driven domestic and stock artesian well in alluvium, diam  $\frac{3}{4}$  in, depth 138 ft, cased to 138. Lsd 5,795+ ft above msl. MP top of tee, 1.30 ft above lsd. Highest water level 14.3 above lsd, Apr. 4, 1949; lowest 8.8 above lsd, Apr. 30, 1962. Records available: 1935-55, 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 27, 1961	+10.0	Oct. 8, 1962	+11.2	Apr. 14, 1964	+10.8	Mar. 3, 1965	+10.2
Oct. 17	10.1	Apr. 15, 1963	10.0	Oct. 6	11.0	Aug. 18	9.7
Apr. 30, 1962	8.8	Nov. 13	11.0				

402138N1101316.1. Local number U(C-1-3)28dcd-1. D. H. Allred. Drilled unused artesian well in alluvium, diam 5 in, depth 30 ft, cased. Lsd 6,230+ ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 4.38 below lsd, Aug. 19, 1965; lowest 9.52 below lsd, Sept. 23, 1940. Records available: 1939-65.

Mar. 27, 1961	8.04	Oct. 8, 1962	5.32	Apr. 14, 1964	7.38	Mar. 3, 1965	6.07
Oct. 17	8.64	Apr. 15, 1963	5.84	Oct. 5	6.88	Aug. 19	4.38
Apr. 30, 1962	7.09	Nov. 13	5.30				

402138N1102020.1. Local number U(C-1-4)28dcc-1. State claim 8170. State of Utah. Drilled domestic artesian well in alluvium, diam 10 to 6 in, depth 600 ft, cased to 345. Lsd 6,460+ ft above msl. MP top of casing, 6.00 ft below lsd. Highest water level 2.60 below lsd, Oct. 21, 1957; lowest 10.09 below lsd, Oct. 4, 1948. Records available: 1939-63. Measurement discontinued. Mar. 27, 1961, 8.30; Oct. 17, 7.62; Apr. 30, 1962, 3.75; Oct. 8, 8.53; Apr. 15, 1963, 6.10.

401532N1101358.1. Local number U(C-2-3)33ccd-1. Eldon B. Thompson. Drilled stock artesian well in alluvium, diam 2 in, depth 200 ft, cased to 200. Lsd 5,595+ ft above msl. MP top of ell, 1.50 ft above lsd. Highest water level 6.35 above lsd, Sept. 6, 1939; lowest 1.61 above lsd, Apr. 30, 1962. Records available: 1939-55, 1957-65.

Mar. 27, 1961	+2.63	Apr. 15, 1963	+2.72	Apr. 14, 1964	+1.95	Mar. 3, 1965	+2.31
Apr. 30, 1962	1.61	Nov. 13	2.60	Oct. 5	2.40	Aug. 19	2.53
Oct. 8	1.65						

401244N1102004.1. Local number U(C-3-4)21aaa-1. Knight Investment Co. Drilled unused artesian well in alluvium, diam 4 in, depth 261 ft, cased to 261. Lsd 5,905+ ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 90.73 below lsd, Oct. 28, 1936; lowest 151.63 below lsd, Oct. 3, 1960. Records available: 1936-65.

Mar. 27, 1961	148.93	Oct. 8, 1962	150.19	Apr. 14, 1964	140.65	Mar. 3, 1965	138.80
Oct. 17	148.92	Apr. 15, 1963	144.94	Oct. 5	142.41	Aug. 19	140.84
Apr. 30, 1962	151.52	Nov. 13	143.57				

Garfield County

## East Sevier Valley

380515N1115905.1. Local number (C-31-2)23ccd-1. State application 14882. Herman Black. Drilled domestic water-table well in alluvium, diam 4 in, depth 60 ft, casing information not available. Lsd 6,496 ft above msl. MP top of casing, 6.50 ft below lsd. Highest water level 21.6 below lsd, June 7, 1962; lowest 33.6 below lsd, Mar. 30, 1962. Records available: 1952, 1954-56, 1961-63. Measurement discontinued.

Apr. 6, 1952	26.78	Oct. 31, 1961	29.30	Mar. 30, 1962	33.6	Aug. 25, 1962	28.5
Dec. 7	24.58	Nov. 28	30.76	Apr. 30	29.1	Sept. 25	25.6
Dec. 2, 1954	24.65	Dec. 27	29.16	June 7	21.6	Oct. 30	29.6
Dec. 4, 1955	25.37	Feb. 1, 1962	29.7	July 5	24.2	Dec. 27	26.5
Mar. 20, 1956	28.04	Mar. 6	32.4	31	25.2	Jan. 25, 1963	25.4
Sept. 20, 1961	25.60						

375000N1115920.1. Local number (C-34-2)22dab-1. State claim 8173. State of Utah. Drilled unused artesian well in sandstone, diam 6 in, depth 339 ft, cased to 198. Lsd 7,621.5 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 149.63 below lsd, Dec. 9, 1949; lowest 222.10 below lsd, Dec. 20, 1957. Records available: 1947-65.

Jan. 6, 1961	211.75	Nov. 30, 1961	205.20	Sept. 25, 1962	201.21	July 1, 1963	203.8
Feb. 28	212.91	Dec. 27	205.24	Oct. 30	201.60	31	204.8
Mar. 22	213.28	Feb. 1, 1962	205.72	Dec. 4	199.55	Aug. 28	205.4
Apr. 25	212.74	Mar. 5	205.95	27	199.68	Sept. 24	206.1
May 24	212.42	Apr. 2	206.01	Jan. 31, 1963	200.0	Apr. 8, 1964	209.23
July 5	209.62	30	204.82	Feb. 28	200.7	Sept. 24	212.00
27	207.87	June 7	206.07	Mar. 25	201.5	Dec. 7	213.70
Aug. 23	206.46	July 6	201.22	Apr. 25	202.3	Mar. 19, 1965	215.55
Sept. 25	205.51	31	200.16	May 28	203.2	Sept. 10	206.35
Oct. 30	205.12	Aug. 29	199.29				

374205N1120915.1. Local number (C-36-3)6dba-1. State application 16993. Federal Aviation Agency. Drilled domestic artesian well in alluvium, diam 6 in, depth 123 ft, cased to 123. Lsd 7,580+ ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 22.20 below lsd, Nov. 8, 1949; lowest 62.70 below lsd, Mar. 25, 1947. Records available: 1937-65.

Jan. 6, 1961	43.64	Dec. 27, 1961	41.04	Sept. 25, 1962	45.90	July 1, 1963	49.1
Feb. 28	46.48	Feb. 1, 1962	42.17	Oct. 30	45.03	31	50.6
Mar. 22	44.33	Mar. 5	46.88	Dec. 4	42.71	Aug. 28	44.7
May 24	43.14	Apr. 2	43.13	27	41.33	Sept. 24	41.8
July 5	51.06	30	41.82	Jan. 31, 1963	46.4	Apr. 7, 1964	46.35
27	52.43	May 28	43.14	Feb. 28	42.1	Sept. 24	49.82
Aug. 23	43.15	July 6	55.62	Mar. 25	42.9	Dec. 7	42.22
Sept. 25	42.15	31	54.41	Apr. 25	42.1	Mar. 19, 1965	41.07
Oct. 30	41.39	Aug. 29	50.24	May 28	44.1	Sept. 10	41.88
Nov. 28	41.20						

374130N120905.1. Local number (C-36-3)7aac-1. State claim 20640. Lillie Stead. Dug domestic water-table well in alluvium, diam 6 ft, depth 13 ft, lined with rock. Lsd 7,615 ft above msl. MP top of wooden curb around manhole, 1.20 ft above lsd. Highest water level 1.10 below lsd, Apr. 2, 1962; lowest 11.02 below lsd, Dec. 2, 1954. Records available: 1938-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 15, 1938	4.97	Dec. 15, 1946	6.60	Apr. 3, 1958	2.57	July 6, 1962	5.90
Oct. 5	5.55	Dec. 10, 1947	3.86	Dec. 23	6.77	Jan. 31	7.85
Dec. 19	5.24	Mar. , 1948	4.24	Apr. 11, 1959	6.29	Aug. 29	7.88
Apr. 21, 1939	3.90	July	8.20	Dec. 23	8.10	Sept. 25	8.25
Aug. 19	7.02	Dec.	7.44	Apr. 9, 1960	5.86	Oct. 30	7.94
Oct. 18	4.62	Apr. 2, 1949	4.45	Jan. 6, 1961	9.30	Dec. 4	7.59
Dec. 7	4.78	Dec. 9	6.05	Feb. 28	9.08	27	7.50
Mar. 25, 1940	2.10	Mar. 28, 1950	4.22	Mar. 22	8.84	Jan. 31, 1963	7.50
Sept. 16	6.30	Dec. 8	7.17	Apr. 25	9.80	Feb. 28	8.73
Dec. 7	5.40	Mar. 25, 1951	10.54	May 25	10.12	Mar. 25	8.89
Mar. 21, 1941	3.70	Dec. 8	8.09	July 5	10.55	Apr. 25	8.94
Oct. 8	5.29	Apr. 5, 1952	3.15	27	10.83	May 28	8.77
Dec. 3	3.58	Dec. 6	6.82	Aug. 23	10.96	July 1	9.47
Mar. 17, 1942	1.69	Mar. 15, 1953	6.09	Sept. 25	7.45	31	9.87
Aug. 8	7.19	Dec. 8	7.85	Oct. 30	8.30	Aug. 28	9.99
Dec. 17	6.32	Apr. 13, 1954	6.32	Nov. 28	9.26	Sept. 24	8.29
Mar. 10, 1943	5.74	Dec. 2	11.02	Dec. 27	8.35	Dec. 4	8.35
Dec. 14	5.87	Dec. 3, 1955	8.51	Feb. 1, 1962	8.13	Apr. 7, 1964	9.53
Mar. 18, 1944	5.15	Mar. 19, 1956	7.96	Mar. 5	4.40	Sept. 24	10.76
Apr. 2, 1945	2.47	Dec. 22	8.50	Apr. 2	1.10	Dec. 7	9.56
Dec. 7	7.63	Mar. 30, 1957	7.65	30	1.44	Mar. 19, 1965	6.74
Mar. 19, 1946	5.95	Dec. 21	6.61	May 28	3.85	Sept. 10	8.61

Upper Sevier Valley  
(For other wells in this valley see Pute County)

380005N1122250.1. Local number (C-32-5)26aca-1. State claim 13307. Vera Perkins. Dug domestic water-table well in alluvium, diam 36 in, depth 20 ft, open hole. Lsd 6,360 ft above msl. MP top of casing, 5.00 ft above lsd. Highest water level 5.61 below lsd, July 28, 1962; lowest 16.58 below lsd, Mar. 22, 1961. Records available: 1951-65.

Aug. 1, 1951	13.11	Dec. 23, 1958	13.89	Nov. 30, 1961	14.09	Jan. 28, 1963	14.37
Dec. 9	13.81	Apr. 11, 1959	14.07	Dec. 31	14.26	Feb. 27	14.22
Apr. 6, 1952	13.87	Dec. 23	14.97	Jan. 22, 1962	14.34	Mar. 25	14.03
Dec. 7	13.49	Apr. 9, 1960	14.78	Feb. 28	14.00	Apr. 29	13.39
Mar. 16, 1953	14.11	Jan. 6, 1961	13.82	Mar. 28	13.88	May 29	10.59
Dec. 10	13.50	Feb. 28	15.04	Apr. 28	13.61	July 2	10.90
Mar. 25, 1954	14.06	Mar. 22	16.58	May 28	9.91	30	11.57
Aug. 2	14.39	Apr. 25	16.36	June 28	11.37	Aug. 28	11.51
Dec. 4, 1955	13.42	May 24	11.20	July 28	8.61	Sept. 23	12.13
Mar. 20, 1956	15.15	July 5	11.19	Aug. 28	11.22	Apr. 7, 1964	13.97
Dec. 22	14.03	27	10.87	Sept. 28	11.46	Sept. 24	11.54
Mar. 30, 1957	14.63	Aug. 31	12.35	Oct. 28	13.46	Dec. 7	13.74
Dec. 20	14.25	Sept. 30	13.19	Nov. 28	13.23	Mar. 19, 1965	13.94
Apr. 3, 1958	13.50	Oct. 31	13.78	Dec. 26	14.10	Sept. 10	10.86

375445N112245.1. Local number (C-33-5)28bcd-1. State application 11739. Annie Wilcock. Drilled domestic artesian well in alluvium, diam 6 in, depth 200 ft, cased to 200, perforated 183-190. Lsd 6,501.80 ft above msl. MP concret: floor, 6.20 ft below lsd. Highest water level 42.60 below lsd, July 20, 1948; lowest 52.98 below lsd, Jan. 16, 1961. Records available: 1937-65.

Jan. 16, 1961	52.98	Nov. 27, 1961	48.95	Sept. 24, 1962	46.81	July 2, 1963	48.54
Feb. 28	50.44	Dec. 27	49.56	Oct. 29	47.94	30	48.74
Mar. 22	50.53	Feb. 1, 1962	50.57	Dec. 3	47.50	Aug. 28	47.99
Apr. 25	51.28	Mar. 5	50.53	26	48.48	Sept. 23	48.17
May 24	51.46	Apr. 2	50.09	Jan. 28, 1963	49.20	Apr. 7, 1964	50.26
July 5	50.20	30	50.60	Feb. 27	49.43	Sept. 24	49.04
27	49.76	May 28	50.06	Mar. 25	50.08	Dec. 7	52.46
Aug. 23	46.63	July 3	47.12	Apr. 29	49.37	Mar. 19, 1965	49.91
Sept. 25	48.61	31	47.96	May 29	48.48	Sept. 10	42.94
Oct. 30	49.00	Aug. 28	46.69				

375235N112245.1. Local number (C-34-5)4ddd-1. John Yardley. Dug stock water-table well in alluvium, diam 36 in, depth 21 ft, cribbed with rock. Lsd 6,543 ft above msl. MP top of well cribbing, 2.00 ft above lsd. Highest water level 5.24 below lsd, Sept. 23, 1957; lowest 20.59 below lsd, Apr. 7, 1964. Records available: 1951-54, 1956-65.

Aug. 1, 1951	10.18	Dec. 23, 1958	8.62	Dec. 27, 1961	13.41	Feb. 27, 1963	15.98
Dec. 9	9.00	Apr. 11, 1959	10.45	Feb. 1, 1962	16.03	Mar. 25	15.44
Apr. 6, 1952	16.92	Dec. 23	11.37	Mar. 5	17.46	Apr. 29	13.28
Dec. 7	7.75	Apr. 9, 1960	15.70	Apr. 2	17.29	May 29	11.15
Mar. 16, 1953	14.64	Feb. 28, 1961	17.47	30	16.77	July 1	11.98
Dec. 10	9.56	Mar. 22	16.90	May 28	12.64	30	12.58
Mar. 25, 1954	16.37	Apr. 25	12.64	July 3	9.80	Aug. 28	11.39
Dec. 2	6.12	May 24	12.37	31	8.38	Sept. 23	10.25
Mar. 20, 1956	17.74	July 5	15.13	Aug. 28	9.05	Apr. 7, 1964	20.59
Dec. 15	15.87	27	15.95	Sept. 24	9.24	Sept. 24	17.95
Mar. 30, 1957	13.70	Aug. 23	15.94	Oct. 29	6.88	Dec. 7	19.43
Sept. 23	5.24	Sept. 25	12.93	Dec. 3	8.71	Mar. 19, 1965	14.93
Dec. 20	9.87	Oct. 30	6.57	Jan. 28, 1963	13.03	Sept. 10	5.27
Apr. 3, 1958	14.77	Nov. 27	8.60				

375210N1122615.1. Local number (C-34-5)8adb-2. D. W. Woodard. Driven unused artesian well in alluvium, diam 5 in, depth 93 ft, cased to 93, perforated 77-93. Lsd 6,535.30 ft above msl. MP top of casing, 4.70 ft below lsd. Highest water level 9.40 below lsd, Sept. 5, 1942; lowest 20.66 below lsd, Mar. 19, 1965. Records available: 1935-65.

37521Q1122615, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1961	19.71	Nov. 27, 1961	19.24	Sept. 24, 1962	15.26	July 30, 1963	17.99
Feb. 28	20.07	Dec. 27	19.67	Oct. 29	16.31	Aug. 28	17.87
Mar. 22	19.80	Feb. 1, 1962	20.15	Dec. 3	17.54	Sept. 23	18.20
Apr. 25	19.55	Mar. 5	20.16	26	18.25	Dec. 4	19.16
May 24	19.01	Apr. 2	20.15	Jan. 28, 1963	19.04	Apr. 7, 1964	20.59
July 5	18.90	30	19.54	Feb. 27	19.33	Sept. 24	17.95
27	18.86	May 28	18.15	Mar. 25	19.54	Dec. 7	19.43
Aug. 23	18.57	July 3	16.24	Apr. 29	19.58	Mar. 19, 1965	20.66
Sept. 25	18.34	31	15.61	May 29	19.30	Sept. 10	13.93
Oct. 30	18.80	Aug. 28	15.23	July 2	18.57		

## Grand County

## Colorado River Area - Courthouse Syncline

364249N1094202, 1. Local number (D-24-20)22bac-1. State application 13068. U. S. Bureau of Land Management. Drilled unused water-table well in alluvium, diam 6 in, depth 52 ft, cased to 41, perforated, Lsd 4,410 ft above msl. MP top of casing, 2.50 ft below lsd. Highest water level 9.85 below lsd, Oct. 23, 1957; lowest 13.47 below lsd, Mar. 16, 1965. Records available: 1942-44, 1946-54, 1956-62, 1964-65. No measurement made in 1963.

Mar. 30, 1961	22.50	Oct. 12, 1962	11.88	Oct. 6, 1964	13.39	Aug. 2, 1965	12.64
Oct. 18	12.13	Apr. 18, 1964	12.25	Mar. 16, 1965	13.47	Oct. 14	12.60
May 4, 1962	12.17						

## Iron County

## Cedar City Valley

374521N1130145, 1. Local number (C-34-11)9edc-1. D. C. Evans. Jetted unused water-table well in alluvium, diam 4 in, depth 61 ft, casing information not available. Lsd 5,402.3 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 21.31 below lsd, June 17, 1938; lowest 23.30 below lsd, Oct. 27, 1958. Records available: 1938-65.

Mar. 31, 1961	22.23	Oct. 10, 1962	22.99	Mar. 19, 1964	22.45	Mar. 17, 1965	22.45
Oct. 16	22.77	Mar. 25, 1963	22.72	Nov. 2	23.02	Nov. 3	23.00
Mar. 27, 1962	22.18	Oct. 28	23.01				

375139N1130620, 1. Local number (C-35-10)18cbh-1. Parson Webster. Drilled unused water-table well in alluvium, diam 10 in, depth 112 ft, casing information not available. Lsd 5,550.22 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 41.95 below lsd, Mar. 23, 1943; lowest dry at 105 below lsd, July 28, Aug. 25, 1964, July 28, 1965. Records available: 1937-65. Recorder removed Jan. 19, 1961.

Jan. 31, 1961	77.20	Mar. 27, 1962	71.06	Nov. 27, 1963	87.80	Jan. 27, 1965	82.90
Feb. 28	74.90	Apr. 26	79.53	Dec. 26	83.73	Feb. 22	80.23
Mar. 28	72.64	May 29	93.65	Jan. 29, 1964	80.22	Mar. 17	78.74
May 1	84.33	June 22	99.05	Mar. 19	76.55	25	76.21
25	94.59	July 30	100.95	Apr. 27	77.14	Apr. 25	76.49
June 23	99.03	Aug. 30	103.57	May 28	90.30	May 25	88.76
July 26	101.53	Sept. 28	99.97	June 23	100.65	June 25	99.49
Aug. 29	100.63	Oct. 29	92.95	July 28	f105	July 25	(f)
Sept. 26	92.20	Nov. 29	85.27	Aug. 25	(f)	Sept. 27	93.31
Oct. 30	85.52	Jan. 30, 1963	77.30	Oct. 28	96.73	Oct. 27	94.12
Nov. 28	80.50	Mar. 25	74.20	Nov. 2	97.73	Nov. 3	92.59
Dec. 29	77.07	May 28	97.90	25	90.29	29	86.72
Jan. 30, 1962	74.57	Aug. 28	103.30	Dec. 26	85.38	Dec. 27	82.30
Feb. 23	72.95	Oct. 28	94.28				

f Dry.

374545N1130636, 1. Local number (C-35-11)8cdd-1. State claim 13703. Charles L. Corry. Drilled unused artesian well in alluvium, diam 6 in, depth 130 ft, cased to 130, perforated 115-130. Lsd 5,489.5 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 9.26 below lsd, Mar. 23, 1943; lowest 39.23 below lsd, Sept. 8, 1960. Records available: 1937-65.

Apr. 4, 1961	23.32	Oct. 16, 1961	32.65	Mar. 25, 1963	23.90	Nov. 3, 1964	37.99
May 9	34.06	Mar. 20, 1962	24.13	Oct. 28	32.09	Nov. 5, 1965	36.28
June 6	37.06	Oct. 10	34.96	Mar. 19, 1964	25.57		

374345N1120431, 1. Local number (C-35-11)27acc-1. State claim 382. Fernleigh Gardner. Drilled irrigation artesian well in coarse gravel, diam 12 in, depth 114 ft, cased to 113, perforated 47-54, 74-76, 89-113. Lsd 5,553.00 ft above msl. MP hole in pumpbase, at lsd. Highest water level 30.14 below lsd, June 25, 1942; lowest 77.36 below lsd, Nov. 2, 1964. Records available: 1931-65.

Apr. 4, 1961	64.41	Oct. 10, 1962	73.16	Oct. 29, 1963	75.35	Nov. 2, 1964	77.36
Oct. 16	73.12	Mar. 25, 1963	64.45	Mar. 19, 1964	68.44	Mar. 19, 1965	69.24
Mar. 20, 1962	66.34						

374251N1130741, 1. Local number (C-35-11)31acd-1. State claim 13498. Heber C. Jensen. Drilled unused artesian well in alluvium, diam 12 in, depth 248 ft, cased to 248, perforated 81-87, 168-175, 200-202, 222-227, 243-248. Lsd 5,533.7 ft above msl. MP hole in casing, 1.70 ft above lsd. Highest water level 15.30 below lsd, Mar. 30, 1933; lowest 62.12 below lsd, Oct. 10, 1962. Records available: 1930-65. Apr. 4, 1961, 43.09; Oct. 31, 50.63; Mar. 20, 1962, 46.70; Oct. 10, 62.12; Mar. 25, 1963, 45.15; Mar. 19, 1964, 48.48; Nov. 5, 1965, 54.11.

374228N113104, 1. Local number (C-35-12)34acd. State claim 4873. R. J. and W. M. Shay. Drilled unused artesian well in alluvium, diam 12 in, depth 120 ft, cased to 120, perforated 12-120. Lsd 5,485.38 ft above msl. MP hole in casing, 0.62 ft below lsd. Highest water level 15.00 below lsd, Apr. 17, 1937; lowest 29.95 below lsd, Nov. 5, 1965. Records available: 1936-65.

Apr. 4, 1961	22.68	Oct. 25, 1962	26.74	Mar. 19, 1964	25.60	Mar. 19, 1965	27.10
Oct. 16	24.39	Mar. 25, 1963	23.21	Nov. 2	28.52	Nov. 5	29.95
Mar. 20, 1962	23.72	Oct. 10	26.14				

374104N1130845.1. Local number (C-36-12)12dba-1. State claim 15411. Branch Agricultural College. Drilled irrigation artesian well in alluvium, diam 10 to 8 in, depth 600 ft, cased to 600, perforated 200-600. Lsd 5,510.03 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 10.35 below lsd, Mar. 23, 1943; lowest 49.11 below lsd, Oct. 10, 1963. Records available: 1936-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 4, 1961	31.00	Oct. 25, 1962	42.55	Oct. 10, 1963	49.11	Mar. 19, 1965	37.41
Oct. 31	41.78	Mar. 25, 1963	32.67	Mar. 23, 1964	34.68	Nov. 5	34.50
Mar. 20, 1962	32.03						

373114N1131146.1. Local number (C-38-12)3bcb-1. State application 12845. Ford & Williams. Drilled irrigation water-table well in alluvium, diam 12 in, depth 210 ft, cased to 210. Lsd 5,481.65 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 65.08 below lsd, Dec. 8, 1945; lowest 78.84 below lsd, Oct. 10, 1963. Records available: 1937-65.

Apr. 4, 1961	76.55	Oct. 10, 1962	77.93	Mar. 27, 1964	78.04	Mar. 19, 1965	77.91
Oct. 16	77.45	Mar. 25, 1963	77.66	Nov. 3	78.53	Nov. 5	78.62
Mar. 29, 1962	77.34	Oct. 10	78.84				

## Escalante Valley

[For other wells in this valley see Beaver and Washington Counties]

375239N1133421.1. Local number (C-33-15)31cbh-1. Jesse Carlson. Drilled domestic water-table well in alluvium, diam 8 in, depth 53 ft, Colorado casing. Lsd 5,133.2 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 25.17 below lsd, Oct. 13, 1951; lowest 27.09 below lsd, Oct. 12, 1965. Records available: 1936-53, 1955-65.

Mar. 28, 1961	26.42	Oct. 9, 1962	26.35	Mar. 24, 1964	26.67	Mar. 16, 1965	26.91
Oct. 11	26.45	Mar. 20, 1963	26.45	Oct. 26	26.87	Oct. 12	27.09
Mar. 27, 1962	25.50	Oct. 10	26.69				

374740N1132808.1. Local number (C-34-14)31ccc-1. U.S. Geol. Survey test well. Drilled unused water-table well in alluvium, diam 2 in, depth 20 ft, cased to 3. Lsd 5,127.4 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 12.32 below lsd, Apr. 5, 1952; lowest dry at 17.5 below lsd, several times, 1960-63. Records available: 1939-43, 1945-53, 1955-63. Measurement discontinued. Mar. 29, 1961, 16.35; Oct. 11, dry; Mar. 27, 1962, 16.36; Oct. 2, dry; Mar. 21, 1963, dry; Oct. 10, dry.

374838N1134024.1. Local number (C-34-16)29ccc-1. State application 16524. Monte Miller. Drilled irrigation water-table well in alluvium, diam 14 in, depth 203 ft, cased to 203. Lsd 5,141.4 ft above msl. MP hole in pumpbase, 1.50 ft above lsd. Highest water level 9.85 below lsd, Dec. 9, 1949; lowest 25.32 below lsd, Oct. 12, 1965. Records available: 1949-65.

Mar. 30, 1961	18.47	Oct. 2, 1962	21.34	Mar. 24, 1964	21.53	Mar. 16, 1965	22.81
Oct. 11	21.38	Mar. 21, 1963	20.71	Oct. 26	23.86	Oct. 12	25.32
Mar. 30, 1962	19.62	Oct. 10	23.52				

374739N1133900.1. Local number (C-34-16)33cdc-2. Utah Land Security. Drilled unused water-table well in alluvium, diam 6 in, depth 37 ft, casing information not available. Lsd 5,141.5 ft above msl. MP top of casing, 5.30 ft above lsd. Highest water level 11.00 below lsd, Apr. 25, 1939; lowest 31.00 below lsd, Oct. 12, 1965. Records available: 1939-45, 1948-65.

Mar. 30, 1961	25.13	Oct. 11, 1961	26.24	Mar. 21, 1963	27.37	Mar. 16, 1965	29.97
May 8	25.17	Mar. 30, 1962	26.16	Mar. 24, 1964	28.77	Oct. 12	31.00
June 6	25.17	Oct. 2	27.25	Oct. 26	29.85		

374651N1133055.1. Local number (C-35-15)33cdc-2. State claim 3788. E. J. Graff. Drilled irrigation artesian well in alluvium, diam 16 in, depth 350 ft, cased to 350, perforated 60-136, 260-280, 285-308. Lsd 5,138.37 ft above msl. MP hole in casing, at lsd. Highest water level 10.60 below lsd, Apr. 19, 1949; lowest 24.52 below lsd, Oct. 12, 1965. Records available: 1936-65.

Mar. 29, 1961	20.89	Oct. 2, 1962	26.57	Mar. 23, 1964	22.94	Mar. 16, 1965	23.06
Oct. 11	22.97	Mar. 21, 1963	22.32	Oct. 26	22.98	Oct. 12	24.52
Mar. 28, 1962	21.51	Oct. 10	24.47				

a Well being pumped.

374648N1133424.1. Local number (C-35-15)6odd-1. Frank Bridel. Drilled unused water-table well in alluvium, diam 12 in, depth 170 ft, Colorado casing. Lsd 5,139.0 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 11.40 below lsd, May 23, 1937; lowest 26.84 below lsd, Oct. 12, 1965. Records available: 1936-65.

Mar. 30, 1961	22.07	Oct. 2, 1962	23.55	Mar. 23, 1964	25.12	Mar. 16, 1965	26.17
Oct. 11	22.62	Mar. 21, 1963	24.00	Oct. 26	25.81	Oct. 12	26.84
Mar. 28, 1962	22.85	Oct. 10	24.75				

374507N1133148.1. Local number (C-35-15)16ddd-1. State application 12838. Kamen Jones. Drilled irrigation water-table well in alluvium, diam 16 in, depth 315 ft, cased to 315, perforated 50-252. Lsd 5,156.3 ft above msl. MP hole in casing, 0.50 ft above lsd. Highest water level 23.96 below lsd, Mar. 28, 1950; lowest 39.97 below lsd, July 15, 1960. Record available: 1949-65.

Mar. 29, 1961	33.11	Oct. 2, 1962	38.98	Mar. 23, 1964	36.22	Mar. 16, 1965	37.04
Oct. 11	35.15	Mar. 21, 1963	35.06	Oct. 26	38.36	Oct. 12	39.43
Mar. 28, 1962	34.46						

374506N1133606.1. Local number (C-35-16)14ddc-1. John McGary. Drilled irrigation water-table well in alluvium, diam 14 in, depth 100 ft, cased to 100, perforated 30-35, 47-54, 71-78, 82-83. Lsd 5,155.19 ft above msl. MP hole in pumpbase, 0.60 ft above lsd. Highest water level 20.63 below lsd, Dec. 10, 1949; lowest 44.27 below lsd, Oct. 26, 1964. Record available: 1948-65.

Mar. 30, 1961	37.13	Oct. 9, 1962	40.66	Mar. 24, 1964	41.35	Mar. 16, 1965	37.04
Oct. 11	38.94	Mar. 21, 1963	40.05	Oct. 26	44.27	Oct. 12	39.43
Mar. 30, 1962	38.45	Oct. 10	42.52				

374536N1133906.1. Local number (C-35-16)16bbc-1. State application 16835. Marion Beckstrom. Drilled irrigation water-table well in alluvium, diam 14 in, depth 174 ft, cased to 174, perforated 50-174. Lsd 5,154.45 ft above msl. MP hole in casing, 1.50 ft above lsd. Highest water level 20.85 below lsd, Mar. 26, 1950; lowest 48.57 below lsd, Oct. 12, 1965. Records available: 1947, 1949-63, 1965. No measurement made in 1964. Mar. 30, 1961, 37.71; Oct. 11, 41.08; Mar. 30, 1962, 39.25; Oct. 9, 43.17; Oct. 10, 1963, 44.82; Mar. 16, 1965, 44.06; Oct. 12, 45.57.

374329N1133905.1. Local number (C-35-16)28bdc-1. State application 15771. Bruno Biasi. Drilled irrigation water-table well in alluvium, diam 18 in, depth 200 ft, cased to 200. Lsd 5,167.07 ft above msl. MP bottom of 2-in pipe leading into well, 1.00 ft above lsd. Highest water level 27.45 below lsd, Dec. 8, 1948; lowest 63.43 below lsd, Oct. 12, 1965. Records available: 1948-63, 1965. No measurement made in 1964. Mar. 30, 1961, 48.24; Oct. 11, 53.44; Mar. 30, 1962, 49.94; Oct. 4, 57.56; Oct. 10, 1963, 58.98; Mar. 16, 1965, 56.38; Oct. 12, 63.43.

374324N1134104.1. Local number (C-35-16)31abc-1. State application a2109. C. E. Mitchell. Drilled irrigation water-table well in alluvium, diam 16 in, depth 162 ft (previously reported 150 ft), cased to 162, perforated 41-162. Lsd 5,178 ft above msl. MP hole in pumpbase, at lsd. Highest water level 36.36 below lsd, Apr. 21, 1949; lowest 72.00 below lsd, Oct. 12, 1965. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1961	57.14	Oct. 4, 1962	65.47	Mar. 23, 1964	62.87	Mar. 13, 1965	65.24
Oct. 11	62.92	Mar. 21, 1963	60.63	Oct. 26	69.54	Oct. 12	72.00
Mar. 30, 1962	58.81						

374639N1134838.1. Local number (C-35-17)3ccc-1. State application 17133. Milt Sevy. Drilled irrigation water-table well in alluvium, diam 14 in, depth 240 ft, cased to 240. Lsd 5,190.2 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 46.64 below lsd, Apr. 20, 1949; lowest 51.83 below lsd, Oct. 12, 1965. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1961	55.65	Oct. 4, 1962	58.16	Mar. 23, 1964	58.58	Mar. 13, 1965	59.73
Oct. 11	57.34	Mar. 21, 1963	57.57	Oct. 26	60.43	Oct. 12	61.83
Mar. 30, 1962	56.65	Oct. 10	59.06				

374524N1134215.1. Local number (C-35-17)13bdc-1. State claim 14228. Austin D. Moyle. Drilled unused water-table well in alluvium, diam 16 in, depth 100 ft, cased, perforated 26-35, 60-70, 90-100. Lsd 5,164.8 ft above msl. MP top of railroad tie over well, at lsd. Highest water level 25.99 below lsd, Apr. 16, 1938; lowest 59.90 below lsd, Sept. 16, 1965. Records available: 1937-42, 1949-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	47.03	46.72	46.31	46.28	.....	51.51	53.10	53.06	51.15	50.22	49.49
10	47.51	46.93	46.63	46.24	47.53	50.39	51.68	52.58	52.93	50.97	50.06	49.38
15	47.40	46.88	46.55	46.27	.....	50.83	52.21	52.47	52.80	50.81	49.93	49.28
20	47.30	46.81	46.52	46.16	.....	50.94	52.54	52.64	52.10	50.63	49.80	49.20
25	47.20	46.68	46.41	46.11	.....	50.96	52.82	52.87	51.75	50.49	49.73	49.09
Eom	47.10	46.70	46.37	46.08	.....	51.46	52.72	52.92	51.41	50.32	49.59	49.02

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	48.93	48.38	47.99	.....	49.19	50.73	52.68	53.87	54.78	52.75	51.78	51.18
10	46.84	48.29	47.93	.....	49.82	51.22	53.02	54.25	54.34	52.55	51.67	51.07
15	48.73	48.22	47.88	.....	50.12	51.77	.....	54.10	54.13	52.37	51.55	50.97
20	48.62	48.11	47.80	.....	50.21	52.05	53.77	54.52	53.62	52.20	51.42	50.86
25	48.58	48.06	47.77	48.32	50.22	51.93	54.02	54.60	53.29	52.07	51.33	50.75
Eom	48.47	48.04	47.68	48.68	50.35	51.93	54.07	54.80	53.01	51.89	51.25	50.62

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	50.50	.....	49.63	.....	50.55	52.73	54.80	55.30	55.61	54.55	53.38	.....
10	49.94	.....	49.54	49.22	49.95	53.25	55.13	55.03	55.50	54.28	53.26	.....
15	.....	.....	49.52	49.22	51.56	53.55	55.44	55.57	55.99	54.17	53.07	52.37
20	.....	.....	49.52	49.25	51.63	53.97	55.67	55.60	56.36	53.87	52.93	.....
25	.....	.....	49.95	49.55	51.32	53.85	56.14	55.81	55.08	53.68	52.83	.....
Eom	.....	49.70	49.34	49.65	52.69	54.27	55.68	55.77	54.85	53.54	.....	.....

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	51.33	.....	50.88	51.63	54.30	55.05	56.88	58.09	56.70	55.38	54.62
10	.....	51.27	.....	50.87	51.80	54.71	55.78	56.63	58.12	56.44	55.22	54.47
15	.....	.....	.....	50.82	52.69	55.00	56.10	57.22	57.75	56.21	55.08	54.36
20	.....	.....	50.72	50.78	52.67	55.25	56.42	57.47	57.37	55.99	54.98	54.32
25	.....	.....	51.19	50.73	53.53	54.90	56.70	57.68	57.37	55.77	54.82	54.20
Eom	.....	.....	50.97	50.73	53.90	55.12	57.02	57.83	56.99	55.55	54.19	54.09

1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	54.01	53.47	53.10	52.73	53.89	56.38	58.24	59.30	59.33	58.35	57.19	56.42
10	53.92	53.41	53.02	52.62	54.48	56.77	58.42	59.39	59.63	.....	57.04	56.24
15	53.85	53.36	52.94	52.64	54.57	56.57	58.55	58.92	59.83	57.95	56.90	56.13
20	53.74	53.29	52.91	52.58	55.16	57.07	58.67	58.66	59.17	57.77	56.76	56.04
25	53.69	53.22	52.88	52.54	55.58	57.55	58.92	58.61	58.82	57.58	56.62	55.92
Eom	53.56	53.15	52.74	53.37	55.97	57.90	59.21	58.91	58.57	57.36	56.51	55.81

374231N1134148.1. Local number (C-35-17)36dcc-1. State application 16425. Marion Crostler. Drilled irrigation water-table well in alluvium, diam 16 in, depth 200 ft, cased to 200. Lsd 5,190.5 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 49.73 below lsd, Apr. 21, 1949; lowest 83.18 below lsd, Oct. 12, 1965. Records available: 1948-63, 1965. No measurement made in 1964. Mar. 29, 1961, 69.94; Oct. 11, 75.15; Mar. 30, 1962, 71.69; Oct. 4, 76.62; Oct. 10, 1963, 78.72; Mar. 18, 1965, 77.71; Oct. 12, 83.18.

373954N1133506.1. Local number (C-36-15)19ccc-1. State applications a2101 and a2085. Alonzo (previously reported Lonzo) Christensen. Drilled irrigation water-table well in alluvium, diam 16 in, depth 217 ft, cased to 217, perforated 82-84, 100-124, 128-136, 140-146, 149-180. Lsd 5,233.2 ft above msl. MP hole in casing, 1.00 ft above lsd. Highest water level 75.30 below lsd, Mar. 12, 1948; lowest 105.58 below lsd, Oct. 27, 1964. Records available: 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	97.16	Oct. 4, 1962	100.98	Mar. 23, 1964	101.17	Mar. 15, 1965	102.26
Oct. 11	99.53	Mar. 21, 1963	98.84	Oct. 27	105.58	Oct. 12	103.89
Mar. 28, 1962	98.20	Oct. 8	102.17				

374155N1133712.1. Local number (C-36-16)3ada-1. State application 14709. Coons Estate. Drilled irrigation water-table well in alluvium, diam 12 in, depth 115 ft, cased to 115. Lsd 5,178.2 ft above msl. MP hole in pumpbase, at lsd. Highest water level 34.12 below lsd, Mar. 12, 1948; lowest 68.80 below lsd, Oct. 12, 1965. Records available: 1947-65.

374155N1133712.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	57.80	Oct. 11, 1961	60.65	Mar. 21, 1963	61.40	Oct. 27, 1964	66.45
May 8	57.84	Mar. 28, 1962	59.68	Oct. 8	64.20	Mar. 16, 1965	65.85
June 6	59.04	Oct. 4	62.27	Mar. 24, 1964	63.61	Oct. 12	68.80

374012N1133912.1. Local number (C-36-16)9bcd-1. State application 16253. Wilson Scott. Drilled irrigation water-table well in alluvium, diam 14 in, depth 272 ft, cased to 272. Lsd 5,196.36 ft above msl. MP hole in casing, at lsd. Highest water level 51.30 below lsd, Apr. 21, 1949; lowest 91.09 below lsd, Oct. 12, 1965. Records available: 1948-65.

Mar. 29, 1961	75.17	Oct. 4, 1962	83.60	Mar. 27, 1964	79.50	Mar. 16, 1965	84.34
Oct. 12	81.15	Mar. 21, 1963	79.91	Oct. 24	88.27	Oct. 12	91.09
Mar. 28, 1962	77.32	Oct. 10	87.02				

373851N1134118.1. Local number (C-36-16)19abb-1. State application 15511. T. W. Jones. Drilled irrigation water-table well in alluvium, diam 16 in, depth 352 ft, cased to 352, perforated 95-332. Lsd 5,226.3 ft above msl. MP hole in casing, 0.50 ft above lsd. Highest water level 75.36 below lsd, Dec. 11, 1945; lowest 124.40 below lsd, Oct. 27, 1964. Records available: 1945-65.

Mar. 23, 1961	105.93	Oct. 4, 1962	113.70	Mar. 23, 1964	118.52	Mar. 16, 1965	115.26
Oct. 12	111.80	Mar. 21, 1963	113.43	Oct. 27	124.40	Oct. 12	122.52
Mar. 28, 1962	108.00	Oct. 10	116.53				

373709N1133843.1. Local number (C-36-16)27cdc-1 (previously reported 28ddd-1). State application A-14642-a. W. H. Leigh. Drilled unused water-table well in alluvium, diam 16 in, depth 344 ft, cased to 344. Lsd 5,281.08 ft above msl. MP top of casing, at lsd. Highest water level 134.57 below lsd, June 14, 1950; lowest 171.20 below lsd, Oct. 12, 1965. Records available: 1950-65. Mar. 23, 1961, 157.14; Mar. 28, 1962, 159.80; Mar. 21, 1963, 161.83; Mar. 23, 1964, 163.71; Oct. 27, 167.96; Mar. 16, 1965, 168.23; Oct. 12, 171.20.

373610N1134036.1. Local number (C-36-16)31ccc-1. State application 16153. Leland Huntsman. Drilled irrigation water-table well in alluvium, diam 14 in, depth 222 ft, cased to 222. Lsd 5,271.1 ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 111.75 below lsd, Mar. 31, 1948; lowest 162.57 below lsd, Oct. 27, 1964. Records available: 1947-65.							
Mar. 23, 1961	142.97	Oct. 4, 1962	154.37	Mar. 23, 1964	151.60	Mar. 16, 1965	152.97
Oct. 12	153.41	Mar. 21, 1963	147.32	Oct. 27	162.57	Oct. 12	162.40
Mar. 30, 1962	146.08						

## Parowan Valley

380330N1124212.1. Local number (C-32-8)1ada-1. Iron County. Drilled stock water-table well in alluvium, diam 6 in, depth unknown. Lsd 5,746.6 ft above msl. MP hole in casing, 1.50 ft above lsd. Highest water level 47.80 below lsd Mar. 20, 1951; lowest 53.45 below lsd, Dec. 10, 1957. Records available: 1939-65.

Jan. 3, 1961	49.61	Apr. 4, 1962	49.95	Oct. 11, 1963	50.24	Mar. 11, 1965	50.72
Apr. 1	49.70	Oct. 16	50.77	Apr. 4, 1964	50.48	Nov. 3	50.85
Oct. 17	49.84	Mar. 20, 1963	50.50	Oct. 16	51.80		

375440N1124612.1. Local number (C-33-8)28bbb-1. State claim 15133. Tom Abbott. Drilled stock and domestic artesian well in alluvium, diam 4 in, depth 350 ft, cased to 350. Lsd 5,782.2 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 9.15 below lsd, Mar. 21, 1950; lowest dry, Oct. 29, 1964, Mar. 11, 1965. Records available: 1940-65.

Apr. 1, 1961	13.74	Oct. 16, 1962	14.75	Oct. 11, 1963	15.55	Oct. 29, 1964	(f)
Oct. 17	14.76	Mar. 20, 1963	14.35	Mar. 27, 1964	15.52	Mar. 11, 1965	(f)
Apr. 4, 1962	14.47						

f Dry.

375300N1125115.1. Local number (C-33-9)34cbd-2. State claim 5694. Dee Robinson. Drilled unused artesian well in alluvium, diam 4 to 2 in, depth 500 ft, cased to 500, perforated 117-300. Lsd 5,736.6 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 17.65 below lsd, Mar. 14, 1943; lowest 57.34 below lsd, Aug. 30, 1953. Records available: 1935-65. Apr. 1, 1961, 29.50; Apr. 4, 1962, 28.27; Oct. 15, 54.65 (nearby well being pumped); Mar. 20, 1963, 28.90; Mar. 27, 1964, 31.62; Mar. 11, 1965, 30.98.

375257N1124855.1. Local number (C-33-9)36dcd-1. State claim 494. Hugh L. Adams. Drilled irrigation artesian well in alluvium, diam 60 to 4 in, depth 499 ft, cased to 490, perforated 75-490. Lsd 5,796.76 ft above msl. MP top of concrete curb, at lsd. Highest water level 29.72 below lsd, Mar. 14, 1943; lowest 82.60 below lsd, Oct. 29, 1964. Records available: 1933-65. Oct. 17, 1961, 79.57; Apr. 4, 1962, 69.64; Oct. 15, 80.20; Oct. 29, 1963, 81.60; Mar. 27, 1964, 72.22; Oct. 29, 82.60; Mar. 11, 1965, 74.29.

375236N1124700.1. Local number (C-34-8)5bca-1. Drought Relief Administration. Drilled unused artesian well in alluvium, diam 12 in, depth 420 ft, casing information not available. Lsd 5,802.2 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 14.05 below lsd, Aug. 28, 1949; lowest 33.05 below lsd, Dec. 12, 1964. Records available: 1935-65.

## Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	31.18	.....	.....	.....	30.49	30.70	31.30	.....	.....	.....	31.57	31.95
10	.....	.....	31.09	.....	30.29	.....	31.36	31.92	.....	.....	31.62	32.07
15	.....	.....	31.08	.....	30.33	.....	31.49	31.98	.....	.....	31.78	32.14
20	.....	.....	.....	30.49	30.37	.....	31.58	32.10	.....	.....	31.31	32.17
25	.....	.....	.....	30.33	30.50	.....	.....	.....	.....	32.05	31.73	32.48
Eom	.....	.....	31.09	30.40	30.54	.....	.....	.....	.....	31.79	31.80	32.34

375236N1124700.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	31.69	31.36	.....	26.97	26.97	28.18	29.08	29.84	20.37	30.88	.....	.....
10	31.76	.....	.....	26.95	27.11	28.32	29.09	29.96	30.45	30.63	.....	29.75
15	31.77	.....	.....	.....	27.54	28.63	29.28	30.08	30.52	30.73	.....	29.85
20	31.73	.....	.....	26.21	27.80	28.70	29.50	30.17	30.62	30.81	.....	29.98
25	31.24	.....	.....	26.43	27.81	28.90	29.58	30.28	30.73	30.08	.....	30.04
Eom	31.32	.....	.....	27.03	28.01	29.07	29.72	30.48	30.84	30.13	.....	29.90
1963												
5	28.78	.....	29.04	28.36	29.23	29.70	30.49	.....	.....	.....	.....	.....
10	28.53	29.12	29.04	28.34	29.17	29.91	30.51	.....	.....	.....	.....	.....
15	28.31	29.11	28.85	28.52	29.23	30.05	30.59	.....	.....	.....	.....	.....
20	.....	29.07	28.75	28.65	29.40	30.17	30.83	.....	.....	.....	.....	.....
25	.....	28.88	28.36	28.81	29.23	30.34	30.94	31.15	.....	.....	.....	.....
Eom	.....	28.89	28.43	29.01	29.45	30.46	30.99	31.69	.....	31.94	.....	.....
Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	29.93	.....	28.83	29.66	30.50	31.14	31.36	31.82	32.27	32.60	32.98
10	.....	29.80	.....	29.07	29.89	30.55	31.22	31.36	31.76	32.38	32.70	33.01
15	.....	29.61	.....	29.35	29.92	30.68	31.18	31.32	31.79	32.15	32.77	33.00
20	.....	29.50	.....	29.43	30.04	30.86	31.38	.....	31.95	32.27	32.83	32.99
25	.....	.....	.....	29.59	30.30	30.91	31.41	31.63	32.03	32.40	32.92	32.92
Eom	.....	.....	.....	29.53	30.41	31.02	31.36	31.81	32.21	32.53	32.95	32.87
1965												
5	32.78	31.37	30.91	30.32	30.96	30.76	29.88	29.49	28.86	28.74	28.76	28.53
10	32.61	31.18	30.89	30.39	31.00	30.59	29.94	29.24	29.13	28.74	28.79	28.24
15	32.51	31.01	30.71	30.56	31.12	30.35	29.97	29.28	28.92	28.73	28.79	28.31
20	32.35	30.89	30.70	30.71	30.92	30.37	29.55	29.30	28.74	28.78	28.76	28.24
25	32.14	30.92	30.38	30.82	30.69	30.34	29.54	29.85	28.58	28.19	28.72	28.20
Eom	31.72	30.92	30.25	30.97	30.70	29.89	29.60	28.82	28.86	28.77	28.72	28.12

374952N1125537.1. Local number (C-34-10)24acc-1. State application 16640. Lyle Farrow. Drilled irrigation water-table well in alluvium, diam 12 in, depth 195 ft, cased to 195. Lsd 5,800 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 49.75 below lsd, Mar. 22, 1950; lowest 80.58 below lsd, Nov. 3, 1965. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 1, 1961	68.54	Oct. 12, 1962	73.72	Mar. 27, 1964	69.24	Mar. 11, 1965	70.87
Oct. 17	72.24	Mar. 20, 1963	68.04	Oct. 29	74.93	Nov. 3	80.58
Mar. 22, 1962	69.24	Oct. 29	72.75				

## Juab County

## Juab Valley

## Chicken Creek District

393143N115233.1. Local number (C-15-1)12aba-1. State claim 10223. R. C. Mangelson. Drilled stock artesian well in gravel, diam 6 in, depth 117 ft, cased to 117. Lsd 5,196.9 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 48.56 below lsd, Mar. 22, 1954; lowest 62.16 below lsd, June 30, 1936. Records available: 1935-65.

Apr. 13, 1961	57.97	Mar. 4, 1963	58.05	Oct. 22, 1964	59.52	Mar. 4, 1965	60.78
Mar. 8, 1962	60.48	Dec. 3	59.07	Dec. 14	59.45	Sept. 15	59.98
Dec. 13	58.31						

395244N115026.1. Local number (D-11-1)9bbb-4. State claim 3099. J. L. and H. J. Fowkes. Jetted irrigation artesian well in alluvium, diam 3 in, depth 90 ft, cased to 75. Lsd 4,928 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 14.9 above lsd, Dec. 26, 1942; lowest 20.69 below lsd, Oct. 14, 1965. Records available: 1935-65.

Apr. 13, 1961	4.90	Oct. 21, 1964	15.81	May 18, 1965	6.09	Sept. 9, 1965	19.82
Mar. 8, 1962	6.50	Dec. 9	12.11	June 4	13.48	Oct. 14	20.69
Dec. 13	7.82	Feb. 2, 1965	10.47	July 6	16.92	Nov. 2	15.97
Mar. 4, 1963	6.01	Mar. 3	9.61	Aug. 2	20.33	Dec. 1	13.27
Dec. 3	12.20	May 5	8.21				

394112N115224.1. Local number (D-13-1)18bbc-1. State claim 16108. Dee Jarrett. Drilled irrigation artesian well in alluvium, diam 12 to 8 in, depth 235 ft, cased to 234. Lsd 5,020+ ft above msl. MP top of casing, at lsd. Highest water level 18.22 below lsd, July 3, 1951; lowest 49.66 below lsd, Aug. 3, 1965. Records available: 1949-51, 1953-65.

Apr. 13, 1961	39.91	Oct. 22, 1964	46.10	Mar. 29, 1965	39.20	July 7, 1965	47.62
Dec. 13, 1962	38.40	Dec. 9	41.62	May 12	43.21	Aug. 3	49.66
Mar. 4, 1963	37.18	Feb. 2, 1965	39.25	June 4	42.46	Dec. 2	35.50
Dec. 3	43.82	Mar. 3	38.70				

## Snake Valley

[For other wells in this valley see Millard County]

395348N1124148.1. Local number (C-11-17)1bdc-1. State claim 8190. Drought Relief Administration. Jetted unused artesian well in alluvium, diam 4 in, depth 221 ft, cased to 221. Lsd 4,330+ ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 0.51 below lsd, Sept. 18, 1941; lowest 5.32 below lsd, Nov. 16, 1960. Records available: 1938-54, 1956-65.

Apr. 12, 1961	5.31	Oct. 23, 1962	4.23	Oct. 14, 1964	4.90	Aug. 26, 1965	1.11
Oct. 24	5.27	Mar. 8, 1963	4.86	Feb. 25, 1965	4.41	Oct. 20	2.04
May 10, 1962	3.03						

394149N1135011.1. Local number (C-13-18)23aab-2. Charles Nielsen. Drilled stock artesian well in alluvium, diam 10 in, depth 40 ft, cased to 40. Lsd 4,600± ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 3.64 below lsd, Aug. 7, 1942; lowest 14.27 below lsd, Oct. 24, 1961. Records available: 1939-52, 1954, 1957-58, 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 2, 1939	6.12	Oct. 12, 1945	4.03	Oct. 9, 1951	8.25	Oct. 23, 1962	6.43
Sept. 13, 1940	6.60	Oct. 11, 1946	6.31	Oct. 20, 1952	4.84	Mar. 8, 1963	9.50
Sept. 18, 1941	4.32	Oct. 15, 1947	4.85	Nov. 2, 1954	9.51	Mar. 15, 1964	9.79
Aug. 7, 1942	3.64	Nov. 22, 1948	7.21	Oct. 24, 1957	6.55	Oct. 14	7.46
Oct. 1	4.01	Oct. 17, 1949	6.31	Dec. 8, 1958	10.26	Feb. 25, 1965	9.15
Oct. 11, 1943	8.00	Nov. 7, 1950	5.66	Nov. 16, 1960	14.10	Aug. 26	4.77
Oct. 3, 1944	5.67	May 26, 1951	7.65	Oct. 24, 1961	14.27	Oct. 20	4.90

## Kane County

370010N1123025.1. Local number (D-44-4)8bbc-1. U. S. Bureau of Reclamation. Drilled unused artesian well in Navajo Sandstone, diam 20 in, depth 800 ft, cased to 800. Lsd 3,722.87 ft above msl. MP top of casing, at lsd. Highest water level 283.75 below lsd, Dec. 31, 1965; lowest 357.07 below lsd, July 15, 1964. Records available: 1964-65. Recorder installed July 14, 1964.

## Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	353.05	.....	.....	337.05	.....
10	.....	.....	.....	.....	.....	.....	.....	352.18	.....	.....	336.02	.....
15	.....	.....	.....	.....	.....	.....	.....	351.39	.....	.....	335.53	.....
20	.....	.....	.....	.....	.....	.....	.....	350.55	.....	.....	335.14	334.50
25	.....	.....	.....	.....	.....	.....	.....	349.92	.....	.....	.....	333.47
Eom	.....	.....	.....	.....	.....	.....	.....	353.85	348.43	.....	.....	332.00

1965

5	.....	328.50	325.55	322.14	318.80	315.94	311.36	305.53	301.44	296.79	292.67	289.00
10	331.70	327.93	324.75	321.37	318.56	315.37	310.33	304.23	300.29	296.17	292.00	287.51
15	331.51	327.67	324.27	321.23	317.93	314.32	309.54	303.92	299.45	295.18	291.37	286.96
20	330.65	327.28	323.85	320.67	317.38	313.80	308.46	303.17	298.84	295.03	290.70	286.50
25	329.90	326.40	323.14	320.00	316.77	313.07	307.80	302.53	298.10	294.35	289.73	285.31
Eom	329.03	325.72	322.46	319.55	316.31	312.26	306.55	301.79	297.76	293.51	289.47	285.75

370050N1122745.1. Local number (C-44-5)6cbb-1. State claim 8194. Judd Bros. Dug stock water-table well in alluvium, diam 10 ft, depth 80 ft, lined with rock to 80. Lsd 5,000 ft above msl. MP top of concrete cover over well, 1.50 ft above lsd. Highest water level 51.19 below lsd, Dec. 6, 1952; lowest 62.68 below lsd, May 15, 1963. Records available: 1935-35, 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 10, 1935	56.35	Apr. 29, 1939	57.56	Mar. 24, 1954	55.13	Apr. 5, 1960	56.35
Oct. 13	57.29	Aug. 19	56.81	Dec. 2	52.73	Jan. 6, 1961	53.23
Jan. 28, 1936	55.66	Dec. 7	58.02	Dec. 3, 1955	52.65	Dec. 20	59.15
Apr. 20	58.52	Mar. 28, 1950	54.71	Mar. 19, 1956	55.22	Mar. 15, 1962	56.22
Aug. 3	56.02	Dec. 8	55.79	Dec. 21	55.22	Dec. 18	53.25
Sept. 28	57.38	Mar. 25, 1951	55.93	Mar. 29, 1957	59.10	May 15, 1963	62.68
Mar. 27, 1937	55.83	Dec. 8	54.08	Apr. 3, 1958	54.95	Apr. 3, 1964	61.32
Dec. 6	56.80	Apr. 5, 1952	53.78	Dec. 22	52.80	Dec. 13	59.27
July 14, 1938	56.25	Dec. 6	51.19	Mar. 28, 1959	56.30	Apr. 12, 1965	59.60
Oct. 5	53.93	Mar. 15, 1953	54.25	Dec. 23	53.19	Dec. 19	56.25
Dec. 19	57.83	Dec. 9	53.06				

## Millard County

## Pavant Valley

390707N1122106.1. Local number (C-19-4)31bcc-1. State claim 4263. Union Pacific RR. Co. Drilled unused artesian well in alluvium, diam 6 in, depth 178 ft, cased to 163. Lsd 4,778 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 4.77 below lsd, Mar. 29, 1955; lowest 18.20 below lsd, Apr. 21, 1938. Records available: 1936-64. Measurement discontinued. Jan. 3, 1961, 12.41; Mar. 22, 12.43; Sept. 28, 15.25; Mar. 16, 1962, 14.38; Nov. 26, 16.5 (dry); Mar. 9, 1963, 16.31; Mar. 11, 1964, 16.7 (dry).

385844N1122457.1. Local number (C-21-5)21aba-1. State of Utah. Drilled unused artesian well in alluvium, diam 6 in, depth 246 ft, cased to 220. Lsd 4,744.44 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 1.96 above lsd, Feb. 24, 1949; lowest 83.02 below lsd, July 20, 1965. Records available: 1929-65.

## Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	39.19	37.79	35.55	40.45	53.43	55.46	55.86	54.00	55.91	50.90	.....	44.81
10	39.04	37.41	35.39	41.05	52.01	55.71	57.30	e56.9	52.50	48.86	45.45	44.66
15	38.82	36.69	35.11	43.88	52.14	56.37	55.18	56.85	53.74	.....	45.23	44.60
20	38.57	36.59	35.12	46.49	54.88	57.09	56.10	54.72	52.80	47.13	45.07	44.54
25	38.22	36.10	34.93	49.55	57.01	54.10	55.65	.....	51.45	46.63	44.96	44.48
Eom	37.94	35.97	35.65	49.51	56.13	55.70	53.90	57.3	54.10	.....	44.87	.....

## Highest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	44.43	44.33	43.55	42.82	52.99	54.12	60.01	.....	.....	55.87	46.55	46.51
10	44.40	44.42	43.16	43.80	54.59	54.07	59.80	.....	.....	55.41	46.55	46.51
15	44.38	44.32	43.22	44.94	55.08	56.36	.....	.....	.....	52.87	46.56	46.50
20	44.38	44.05	42.82	45.65	47.37	53.92	60.12	60.37	.....	48.49	46.55	46.49
25	44.39	43.71	42.44	47.63	48.84	55.21	.....	59.63	54.45	48.37	46.50	46.50
Eom	44.43	43.70	41.67	49.46	54.01	57.63	.....	59.63	50.93	46.59	46.49	46.50

e Estimated.



385644N1122457, 1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	46.49	46.42	.....	50.53	62.00	71.19	75.71	75.62	77.64	71.38	61.29	57.04
10	46.48	46.07	45.23	56.67	66.58	70.58	75.72	77.20	76.82	71.20	60.57	56.51
15	46.49	46.00	44.86	54.25	67.98	71.20	75.82	76.08	74.48	69.30	59.69	56.09
20	46.49	45.73	44.83	61.3	67.05	70.74	77.54	76.85	73.39	64.97	58.93	55.43
25	46.49	45.68	44.76	61.32	70.07	69.57	76.98	77.63	71.80	63.77	58.40	54.96
Eom	46.48	45.58	44.63	.....	71.73	72.20	75.54	76.81	70.78	63.01	57.73	54.45
1964												
5	53.95	51.71	50.00	49.93	59.80	72.02	74.31	79.95	79.70	70.85	63.78	59.50
10	53.50	51.37	49.77	50.74	.....	70.42	77.45	80.53	78.85	70.28	62.85	58.64
15	53.23	51.02	49.55	53.01	.....	69.44	78.57	80.63	79.15	69.73	62.50	58.04
20	52.76	50.88	49.27	54.78	.....	68.68	78.19	80.50	77.70	67.95	61.39	.....
25	52.49	50.48	49.07	56.88	.....	70.65	80.14	81.00	74.39	67.09	60.42	.....
Eom	52.19	50.11	48.72	61.51	65.45	73.13	79.55	81.67	73.31	64.93	59.82	.....
1965												
5	56.40	.....	50.70	54.37	71.13	.....	76.46	71.49	75.70	65.75	61.20	56.92
10	.....	.....	.....	61.61	66.32	78.53	79.88	72.15	73.01	65.69	60.30	56.24
15	.....	.....	.....	60.85	71.65	78.56	83.00	71.17	73.18	65.29	59.71	55.70
20	.....	.....	.....	64.76	74.20	76.08	83.02	71.07	68.66	64.15	59.00	55.17
25	53.98	51.30	50.77	67.24	74.88	78.00	80.31	71.97	67.41	62.67	58.10	54.95
Eom	.....	.....	49.10	69.38	.....	76.45	71.73	74.65	67.30	61.15	57.55	54.07

385654N1122407.1. Local number (C-21-5)34baa-1. State claim 17381. Frank Sweeting. Drilled unused artesian well in alluvium, diam 8 in, depth 190 ft, cased to 190. Lsd 4,772.8 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 25.71 below lsd, Mar. 30, 1949; lowest 106.06 below lsd, Aug. 27, 1965. Records available: 1942-65. Recorder removed May 15, 1962.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	67.82	65.85	64.42	67.73	79.65	85.19	90.10	93.15	94.86	86.52	81.09	77.40
10	67.51	65.49	64.15	68.95	79.52	85.77	90.86	93.35	94.25	85.52	80.10	76.82
15	67.14	65.15	63.88	72.37	79.54	86.48	92.66	94.20	92.18	84.45	79.33	76.37
20	66.84	65.14	63.88	74.33	81.88	87.31	93.11	94.30	91.51	83.52	.....	76.09
25	66.47	64.67	63.65	75.81	83.52	87.83	93.81	95.01	89.72	82.81	.....	75.46
Eom	66.09	64.78	64.19	77.47	85.33	88.92	93.66	95.35	88.20	81.65	77.81	75.32
1962												
5	74.74	72.87	71.45	71.06	80.27	.....	.....	.....	.....	.....	.....	.....
10	74.50	72.60	71.12	71.21	81.34	.....	.....	.....	.....	.....	.....	.....
15	73.94	72.32	71.08	71.69	83.99	.....	.....	.....	.....	.....	.....	.....
20	73.70	71.88	70.74	74.31	.....	.....	.....	.....	.....	.....	.....	.....
25	73.48	71.83	70.62	76.45	.....	.....	.....	.....	.....	.....	.....	.....
Eom	73.16	.....	70.32	77.94	.....	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 15, 1962	83.99	Mar. 13, 1964	79.85	July 29, 1964	105.72	Mar. 2, 1965	81.53
Mar. 11, 1963	73.05	Apr. 28	82.20	Aug. 25	105.67	Aug. 27	106.06

385053N1122526.1. Local number (C-22-5)33cdd-1. State application 13367. LaVoy A. Kimball. Drilled stock and domestic artesian well in alluvium, diam 12 in, depth 152 ft, cased to 152. Lsd 4,834.3 ft above msl. MP hole in pumpbase, at lsd. Highest water level 47.68 below lsd, Dec. 1, 1948; lowest 91.61 below lsd, Aug. 25, 1964. Records available: 1943-65.

Mar. 29, 1961	72.82	Mar. 22, 1962	77.63	Mar. 13, 1964	82.34	Mar. 3, 1965	82.80
Sept. 28	81.91	Mar. 12, 1963	76.27	Aug. 25	91.61	Aug. 26	90.45

384932N1123320.1. Local number (C-23-6)8dbb-1. State claim 16582. H. F. and C. H. Watts. Drilled stock water-table well in alluvium, diam 6 in, depth 100 ft, cased to 100. Lsd 4,703.9 ft above msl. MP top of casing, at lsd. Highest water level 22.53 below lsd, Mar. 27, 1964; lowest dry at 39.0 below lsd, July 28, 1964. Records available: 1943-65.

Mar. 29, 1961	32.63	May 15, 1962	36.94	Dec. 20, 1963	37.13	July 28, 1964	f39.0
Aug. 8	37.08	Sept. 25	36.59	Mar. 27, 1964	22.53	Mar. 3, 1965	38.18
Sept. 28	35.19	Mar. 11, 1963	35.02	Apr. 29	31.93	Aug. 26	37.16
Mar. 22, 1962	33.55	June 25	38.66	May 26	37.57		

f Dry.

384935N1123050.1. Local number (C-23-6)10bdd-1. State application A-19930. C. A. Kimball. Drilled unused artesian well in lava, diam 16 in, depth 132 ft, cased to 132, perforated 50-116. Lsd 4,751.9 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 41.20 below lsd, Dec. 4, 1953; lowest 91.16 below lsd, Aug. 16, 1965. Records available: 1953-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	67.85	.....	66.51	66.38	68.67	73.09	74.15	76.18	.....	75.66	e73.32	71.92
10	67.72	67.00	66.42	66.75	69.68	73.56	74.53	.....	.....	75.19	73.00	e71.70
15	67.58	66.87	66.28	67.11	70.11	73.43	.....	75.17	.....	74.72	72.67	e71.42
20	67.45	66.82	66.22	67.24	71.07	73.13	75.39	.....	.....	74.30	e72.48	e71.30
25	67.33	66.66	66.12	67.50	71.68	73.57	75.61	.....	.....	74.00	72.25	e71.07
Eom	67.20	66.65	66.07	67.89	72.61	73.98	76.11	.....	76.25	73.62	72.09	.....

e Estimated.

384935N1123050.1--Continued.

Highest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	69.96	.....	68.87	72.80	76.16	78.8	81.4	81.13	80.58	77.54	75.55
10	.....	69.82	.....	69.64	73.53	.....	79.7	81.5	80.96	79.98	77.16	75.29
15	.....	69.67	.....	70.53	74.17	.....	80.4	81.6	81.09	79.50	76.76	75.02
20	e70.31	69.61	.....	70.94	75.12	.....	80.7	81.64	81.04	78.98	76.40	74.77
25	e71.25	.....	68.96	71.23	75.20	.....	81.1	81.64	81.15	78.48	76.14	74.57
Eom	70.11	.....	68.82	71.79	75.62	78.5	81.0	81.56	81.00	77.92	75.82	74.32

1963

5	74.11	73.10	72.25	72.25	77.27	81.63	82.37	84.98	83.20	81.27	80.70	78.92
10	73.91	72.88	72.13	73.27	78.46	81.48	83.06	84.75	82.76	82.15	80.40	78.71
15	73.72	72.80	71.98	74.10	78.86	81.75	83.73	84.83	82.52	82.34	80.00	78.47
20	73.50	72.64	71.94	75.05	79.71	81.84	84.23	84.36	82.33	81.78	79.75	78.21
25	73.39	72.51	71.81	75.87	80.86	81.94	84.28	84.00	82.12	81.56	79.49	77.93
Eom	73.19	72.41	71.62	76.31	81.50	82.25	84.72	83.67	81.98	81.12	79.21	.....

1964

5	.....	76.46	75.60	74.71	76.84	81.83	84.14	86.76	87.95	86.62	82.32	.....
10	.....	76.25	75.50	74.79	77.62	83.06	84.48	86.89	87.87	85.42	.....	.....
15	.....	66.13	75.38	75.36	78.41	83.36	84.84	.....	87.85	84.75	.....	80.17
20	.....	76.05	75.16	75.67	79.26	83.87	85.29	.....	87.62	84.21	.....	79.97
25	76.82	75.90	74.97	75.92	80.13	83.69	85.81	88.47	87.43	83.68	.....	79.72
Eom	76.64	75.76	74.82	76.41	80.99	83.71	86.36	88.13	86.87	83.15	.....	79.47

1965

5	79.28	78.16	77.43	77.50	83.77	.....	88.90	90.12	90.70	88.00	84.40	82.40
10	79.12	77.95	77.27	78.77	84.60	.....	88.37	90.33	90.98	87.17	83.98	82.06
15	78.95	77.83	77.13	80.30	85.19	88.38	88.48	90.42	91.09	86.48	83.63	81.82
20	78.68	77.70	77.02	81.37	85.85	88.46	88.89	90.48	90.45	86.02	83.28	81.62
25	78.54	77.58	76.85	82.29	.....	88.66	89.28	90.17	89.87	85.40	82.90	81.37
Eom	78.34	77.54	76.71	83.20	.....	88.87	89.76	90.48	88.95	84.85	82.64	81.11

e Estimated.

## Sevier Desert

392954N112191.1. Local number (C-15-4)20dccc-1. Spencer Nielson. Jetted unused water-table well in alluvium, diam 3 in, depth 186 ft, cased to 180. Lsd 4,817 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 119.00 below lsd, Dec. 4, 1950; lowest 134.45 below lsd, July 27, 1965. Records available: 1935-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 28, 1961	124.60	June 21, 1962	129.10	June 26, 1963	131.64	May 1, 1964	129.21
Mar. 20	124.50	July 19	130.27	Aug. 13	132.48	28	131.59
May 9	128.00	Aug. 21	131.03	Sept. 3	132.99	Aug. 1	133.83
Aug. 1	130.73	Sept. 21	131.19	27	132.33	26	133.97
Sept. 1	130.93	Nov. 1	127.96	Oct. 28	129.60	Dec. 14	129.48
Nov. 15	126.65	28	127.17	Dec. 19	128.31	Mar. 4, 1965	128.61
Mar. 15, 1962	125.55	Mar. 1, 1963	126.42	Jan. 29, 1964	127.83	June 14	133.02
Apr. 12	125.55	Apr. 26	129.06	Mar. 1	127.66	July 27	134.45
May 18	129.16	May 17	130.47	25	127.42	Aug. 23	132.91

393048N1123905.1. Local number (C-15-7)17dad-1. I. H. Losee. Jetted unused artesian well in alluvium, diam 1½ in, depth 235 ft, cased to 235. Lsd 4,588.1 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 3.42 above lsd, Mar. 24, 1937; lowest 5.19 below lsd, Aug. 24, 1965. Records available: 1937-51, 1953-65.

Mar. 20, 1961	+1.06	Sept. 11, 1962	-3.45	June 27, 1963	-1.34	July 31, 1964	-2.14
Sept. 11	.07	24	3.80	July 25	1.64	Aug. 24	3.67
Jan. 2, 1962	.03	Oct. 17	4.15	Aug. 14	1.90	Sept. 28	3.91
Mar. 26	.43	Nov. 9	3.81	Sept. 26	2.30	Dec. 16	3.96
May 7	.33	27	3.37	Oct. 29	2.43	Feb. 27, 1965	2.56
23	+2.26	Dec. 21	2.93	Dec. 16	2.34	Mar. 6	2.57
June 22	-.38	Mar. 5, 1963	1.82	Mar. 8, 1964	1.63	June 17	2.54
July 2	.64	Apr. 4	1.31	May 1	1.28	July 27	4.29
Aug. 24	2.99	May 20	1.21	28	1.26	Aug. 24	5.19

392753N1123830.1. Local number (C-16-7)4abb-1. L. N. Hinckley. Jetted unused artesian well in alluvium, diam 1½ in, depth 324 ft, cased to 309. Lsd 4,584 ft above msl. MP top of reducing ell, 3.00 ft above lsd. Highest water level 10.0 above lsd, Apr. 2, 1952; lowest 3.05 below lsd, Aug. 24, 1965. Records available: 1935-65.

Mar. 20, 1961	+7.1	Nov. 5, 1962	+1.35	Feb. 9, 1963	+5.22	Mar. 7, 1964	+5.73
Mar. 26, 1962	7.20	14	2.38	Mar. 1	5.70	May 1	4.84
May 7	6.45	21	2.72	8	5.76	28	5.61
23	6.10	30	3.33	Apr. 23	6.24	July 31	2.41
June 22	2.85	Dec. 15	3.70	May 20	5.70	Aug. 24	+1.98
28	2.25	29	3.81	June 27	4.04	Sept. 28	-.35
July 2	1.90	Jan. 2, 1963	3.87	Aug. 14	.10	Dec. 16	+2.30
18	+1.12	7	4.04	Sept. 26	2.34	Mar. 6, 1965	5.06
Aug. 24	-.27	10	4.38	Oct. 29	2.41	June 17	+8.1
Sept. 11	.94	14	4.33	Dec. 16	3.25	July 27	-1.90
24	1.07	18	4.63	Jan. 29, 1964	4.88	Aug. 24	3.05
Oct. 17	-.22	23	4.58				

392416N1124452.1. Local number (C-16-8)21ddd-1. State claim 768. Herbert Taylor. Jetted stock artesian well in alluvium, diam 2 in, depth 125 ft, cased to 125. Lsd 4,575.33 ft above msl. MP top of coupling, 0.80 ft above lsd. Highest water level 3.60 above lsd, Apr. 8, 1954; lowest 16.17 below lsd, Aug. 25, 1965. Records available: 1942-65.

392416N1124452.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1961	+0.26	Nov. 9, 1962	-5.16	Aug. 15, 1963	-4.97	May 28, 1964	-3.94
Oct. 19	-2.66	27	4.94	Sept. 26	6.00	July 30	4.68
Mar. 15, 1962	1.17	Dec. 27	4.63	Oct. 31	6.48	Aug. 24	7.05
May 23	.78	Mar. 18, 1963	3.36	Dec. 16	6.02	Sept. 28	10.41
July 18	4.08	Apr. 23	2.94	Jan. 29, 1964	5.50	Mar. 7, 1965	6.92
Aug. 27	4.69	May 20	2.85	Mar. 10	4.84	June 16	12.85
Sept. 24	5.06	June 27	3.47	May 1	4.07	Aug. 25	16.17
Oct. 17	5.29						

391919N1124009.1. Local number (C-17-7)20cbb-1. State claim 12287. W. J. Webb. Driven stock artesian well in alluvium, diam 1½ in, depth 356 ft, cased to 356. Lsd 4,592.4 ft above msl. MP top of concrete trough, 0.60 ft above lsd. Highest water level 6.45 above lsd, July 21, 1942; lowest 1.23 below lsd, Aug. 26, 1965. Records available: 1936-65.

Mar. 21, 1961	+3.75	Oct. 17, 1962	+2.02	Aug. 15, 1963	+1.11	July 31, 1964	+0.07
Mar. 15, 1962	3.83	Nov. 27	2.08	Oct. 31	.45	Aug. 27	-.14
May 23	3.31	Dec. 22	2.12	Dec. 18	.76	Dec. 16	.37
July 2	2.85	Mar. 6, 1963	2.22	Jan. 28, 1964	.79	Mar. 8, 1965	.21
18	2.67	Apr. 23	2.21	Mar. 7	.88	June 17	.39
Aug. 27	2.21	May 20	2.09	May 1	.97	Aug. 26	1.23
Sept. 26	2.06	June 27	1.79	28	1.21		

## Snake Valley

391324N1140006.1. Local number (C-18-19)20ddd-1. State claim 7420. Louise Robison. Drilled domestic artesian well in alluvium, diam 6 in, depth 90 ft, cased to 90. Lsd 4,989.2 ft above msl. MP top of coupling, 0.80 ft above lsd. Highest water level 23.58 below lsd, Aug. 7, 1942; lowest 31.43 below lsd, Nov. 30, 1937. Records available: 1937-52, 1954, 1956-65.

Apr. 12, 1961	25.89	May 10, 1962	25.45	Mar. 8, 1963	26.19	Feb. 25, 1965	25.97
Oct. 24	26.22	Oct. 23	25.70	Mar. 15, 1964	25.91	Oct. 20	23.88

384936N1125926.1. Local number (C-23-19)9cbb-1. Thomas Dearden. Drilled unused artesian well in alluvium, diam 5 in, depth 270 ft, cased to 270. Lsd 5,400 ft above msl. MP top of coupling, 1.10 ft above lsd. Highest water level 10.70 below lsd, Oct. 20, 1965; lowest 16.27 below lsd, Dec. 1, 1937. Records available: 1936-45, 1950-54, 1956-57, 1959-65.

Apr. 12, 1961	11.95	Oct. 23, 1962	11.87	Oct. 15, 1964	11.94	Aug. 26, 1965	13.17
Oct. 24	11.64	Mar. 8, 1963	12.14	Feb. 25, 1965	11.87	Oct. 20	10.70
May 10, 1962	11.65	Mar. 15, 1964	12.08				

## Morgan County

## Morgan Valley

405845N1114037.1. Local number (A-3-2)24cba-1. State claim 12405. Hyrum Adams. Dug domestic water-table well in alluvium, diam 24 in, depth 19 ft, lined with concrete. Lsd 5,155 ft above msl. MP top of concrete curb, 0.80 ft above lsd. Highest water level 8.48 below lsd, July 27, 1965; lowest 17.81 below lsd, Mar. 4, 1964. Records available: 1936-40, 1942-65.

Mar. 21, 1961	17.08	Mar. 6, 1963	17.15	Oct. 20, 1964	16.16	July 27, 1965	8.48
Jan. 12, 1962	16.63	Aug. 30	13.40	Dec. 10	17.88	Oct. 18	17.06
Mar. 8	16.37	Dec. 9	16.98	Mar. 8, 1965	16.96	Dec. 13	16.98
Dec. 18	17.68	Mar. 4, 1964	17.91				

410219N113937.1. Local number (A-4-3)31cab-1. State claim 12410. Como Springs Resort. Drilled unused artesian well in limestone and shale, diam 6 in, depth 40 ft, casing information not available. Lsd 5,080 ft above msl. MP top of coupling, 1.50 ft above lsd. Highest water level 1.77 below lsd, July 27, 1965; lowest 4.17 below lsd, Mar. 31, 1955. Records available: 1937-65.

Mar. 21, 1961	4.14	Mar. 6, 1963	3.96	Oct. 20, 1964	2.74	July 27, 1965	1.77
Jan. 12, 1962	4.16	Aug. 30	2.31	Dec. 10	3.50	Oct. 18	2.56
Mar. 8	3.88	Dec. 9	3.09	Mar. 8, 1965	3.52	Dec. 13	3.36
Dec. 18	3.65	Mar. 4, 1964	3.84				

410821N1114931.1. Local number (A-5-1)27db. E. R. France. Drilled unused artesian well in alluvium, diam 6 in, depth 150 ft, casing information not available. Lsd 4,840 ft above msl. MP top of casing, at lsd. Highest water level 0.18 below lsd, Apr. 17, 1952; lowest 2.60 below lsd, Mar. 21, 1961. Records available: 1936-65.

Mar. 21, 1961	2.60	Mar. 6, 1963	2.45	Mar. 11, 1964	2.10	Mar. 8, 1965	0.55
Jan. 12, 1962	2.52	Aug. 30	1.61	Oct. 20	1.59	July 27	2.47
Mar. 8	.81	Dec. 9	1.82	Dec. 10	1.42	Dec. 13	1.82
Dec. 18	2.02						

## Plute County

## Upper Sevier Valley

[For other wells in this valley see Garfield County]

382615N1115340.1. Local number (C-27-1)27abc-2. State claim 2905. H. B. Crandall. Jetted stock artesian well in alluvium, diam 2 in, depth 260 ft, casing information not available. Lsd 6,739.26 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 5.33 above lsd, Dec. 20, 1938; lowest 1.16 above lsd, July 12, 1960. Records available: 1937-53, 1955-56, 1958-65.

382615N1115340.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 9, 1937	+3.24	Mar. 16, 1948	+3.47	Nov. 2, 1959	+2.35	June 1, 1962	+1.89
Aug. 2	4.25	Dec. 13	4.33	Jan. 6, 1960	1.65	July 5	1.95
Sept. 25	4.43	Apr. 3, 1949	3.85	Mar. 24	1.75	26	1.96
Dec. 8	4.39	Dec. 10	4.53	May 11	1.63	Aug. 29	2.02
Feb. 23, 1938	4.16	Mar. 29, 1950	4.50	July 12	1.16	Sept. 25	2.19
Aug. 24	4.65	Dec. 9	3.87	Sept. 16	1.45	Oct. 31	2.23
Dec. 20	5.33	Mar. 6, 1951	3.55	Nov. 1	1.51	Dec. 4	2.27
Mar. 1, 1939	4.61	Dec. 9	4.18	Jan. 6, 1961	1.43	27	2.28
Apr. 18	4.35	Apr. 6, 1952	2.69	Feb. 24	1.58	Jan. 29, 1963	2.25
Aug. 21	3.87	Dec. 7	3.84	Mar. 20	1.67	Mar. 1	2.25
Oct. 18	4.02	Mar. 16, 1953	3.22	Apr. 21	1.77	26	2.20
Dec. 6	3.84	Dec. 10	3.93	May 23	1.73	Apr. 30	2.32
Mar. 25, 1940	3.45	Dec. 4, 1955	2.25	July 3	1.43	May 27	2.02
Dec. 6	3.39	Mar. 20, 1956	2.27	27	1.38	June 25	1.77
Mar. 26, 1941	3.78	Mar. 11, 1958	2.82	Aug. 25	1.53	July 29	1.62
Dec. 11	4.80	May 8	2.50	Sept. 27	1.72	Aug. 29	1.59
Aug. 9, 1942	4.79	July 7	2.72	Oct. 31	1.76	Sept. 23	1.57
Dec. 18	4.35	Sept. 5	3.08	Nov. 28	1.76	Dec. 4	1.58
Dec. 16, 1943	3.32	Nov. 7	3.22	Dec. 28	1.77	Apr. 8, 1964	1.55
Dec. 5, 1944	4.40	Jan. 5, 1959	3.39	Feb. 2, 1962	1.75	Sept. 25	1.25
Dec. 7, 1945	4.90	Mar. 2	3.22	Mar. 6	1.78	Dec. 8	1.56
Dec. 16, 1946	4.10	May 1	3.20	30	1.07	Mar. 18, 1965	1.55
Mar. 26, 1947	3.38	July 2	2.65	May 1	1.73	Sept. 13	1.55
Dec. 11	4.60	Sept. 2	2.22				

382415N1121355.1. Local number (C-28-3)5cba-1. State claim 2821. Pearson and Crofts. Drilled water-table well in alluvium, diam 4 ft, depth 72 ft, cased to 72. Lsd 6,050 ft above msl. MP top of casing, at lsd. Highest water level 16.79 below lsd, Aug. 1, 1958; lowest dry at 47.5 below lsd, Apr. 3, 1962. Records available: 1957-62, 1964-65. No measurement made in 1963.

Jan. 17, 1957	39.99	July 1, 1958	19.25	Oct. 26, 1959	37.16	Feb. 23, 1961	44.15
Feb. 26	41.13	Aug. 1	16.79	Nov. 23	38.27	Mar. 30	45.61
Apr. 1	41.90	Sept. 4	18.03	Dec. 28	39.62	Apr. 25	46.51
29	42.70	Oct. 1	20.28	Jan. 25, 1960	40.58	May 22	44.88
May 29	39.36	Nov. 3	23.08	Feb. 25	41.48	July 3	41.26
June 25	33.70	Dec. 1	25.33	Mar. 29	42.22	25	41.18
July 24	28.57	30	27.13	Apr. 26	41.83	Aug. 22	41.57
Aug. 28	25.22	Jan. 28, 1959	28.77	May 23	40.31	Sept. 25	41.49
Sept. 27	25.63	Mar. 2	30.35	June 30	39.27	3	47.5
Nov. 4	27.21	25	31.16	July 25	38.36	Sept. 24	36.52
Dec. 2	28.26	May 4	32.82	Aug. 30	38.92	Apr. 7, 1964	43.54
Feb. 3, 1958	30.95	25	32.85	Sept. 26	40.00	Sept. 24	35.25
Mar. 6	31.82	June 25	32.57	Oct. 25	40.60	Dec. 7	36.05
Apr. 1	32.66	July 27	33.82	Nov. 25	41.97	Mar. 9, 1965	40.79
May 5	32.74	Aug. 24	34.85	Dec. 29	42.85	Sept. 10	25.76
June 2	25.58	Sept. 28	36.11	Jan. 26, 1961	43.54		

f Dry.

381445N115900.1. Local number (C-29-2)35bad-1. State application 23875. Glen D. Moore. Drilled domestic artesian well in alluvium, diam 6 in, depth 197 ft, cased to 161. Lsd 6,405 ft above msl. MP top of casing, 5.30 ft below lsd. Highest water level 17.48 below lsd, June 7, 1962; lowest 22.32 below lsd, Mar. 18, 1965. Records available: 1961-65.

Sept. 14, 1961	21.10	Apr. 30, 1962	19.51	Dec. 27, 1962	19.07	Aug. 28, 1963	20.31
27	20.83	June 7	17.48	Jan. 29, 1963	19.65	Sept. 23	20.47
Oct. 31	19.17	July 5	17.79	Feb. 28	20.04	Apr. 8, 1964	21.59
Nov. 28	19.12	26	18.30	Mar. 25	20.23	Sept. 25	21.32
Dec. 28	19.78	Aug. 29	19.06	Apr. 30	18.49	Dec. 8	21.40
Feb. 2, 1962	20.44	Sept. 25	19.61	May 27	18.30	Mar. 16, 1965	22.32
Mar. 6	20.61	Oct. 31	19.78	June 28	19.02	Sept. 13	21.57
30	21.15	Dec. 4	18.92	July 29	19.87		

380915N1120030.1. Local number (C-30-2)34bcc-1. Van Wyley. Dug unused water-table well in alluvium, diam 24 in, depth 20 ft, casing information not available. Lsd 6,370 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 10.09 below lsd, July 31, 1962; lowest 14.05 below lsd, Mar. 6, 1962. Records available: 1957, 1960-65.

Sept. 24, 1957	12.55	Oct. 31, 1961	13.17	Aug. 29, 1962	11.72	May 27, 1963	11.91
Apr. 9, 1960	14.45	Nov. 28	13.27	Sept. 25	12.32	July 31	12.41
Feb. 28, 1961	14.00	Dec. 27	13.38	Oct. 30	12.66	31	12.03
Mar. 20	13.91	Feb. 1, 1962	13.59	Dec. 4	13.05	Aug. 28	12.42
Apr. 21	13.88	Mar. 6	14.65	27	13.50	Sept. 24	12.65
May 24	11.52	30	13.95	Jan. 29, 1963	13.67	Apr. 8, 1964	13.64
July 5	12.53	Apr. 30	12.88	Feb. 28	13.44	Sept. 24	10.90
27	11.12	June 7	11.46	Mar. 26	13.80	Dec. 7	13.76
Aug. 23	12.56	July 5	11.16	Apr. 30	13.36	Mar. 18, 1965	13.85
Sept. 27	13.66	31	10.69				

381220N1121140.1. Local number (C-30-3)15bba-1. O. P. Jessen. Dug unused water-table well in alluvium, d am 24 in, depth 40 ft, cased to 40. Lsd 6,005.50 ft above msl. MP top of concrete curb, 0.50 ft above lsd. Highest water level 8.13 below lsd, Aug. 24, 1937; lowest 28.08 below lsd, Mar. 20, 1961. Records available: 1935-65. Recorder installed 1957; removed 1960.

381220N1121140, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 9, 1935	13.90	Apr. 12, 1938	24.73	Dec. 7, 1942	19.36	Apr. 3, 1949	23.76
Oct. 12	15.71	July 15	8.13	Mar. 10, 1943	22.03	Dec. 17	19.81
Jan. 27, 1936	24.80	Aug. 24	8.38	Dec. 15	19.42	Mar. 29, 1950	23.87
Apr. 20	26.46	Oct. 5	10.30	Mar. 18, 1944	23.10	Dec. 9	19.83
June 17	12.39	Dec. 19	20.39	Dec. 3	18.75	Mar. 26, 1951	24.79
Aug. 4	12.84	Oct. 18, 1939	16.89	Apr. 3, 1945	22.90	Dec. 9	21.70
Sept. 28	14.55	Dec. 7	21.85	Dec. 7	20.23	Apr. 9, 1952	26.66
Nov. 26	20.56	Mar. 25, 1940	25.82	Mar. 20, 1946	23.58	Dec. 7	18.70
Feb. 9, 1937	26.58	Dec. 7	23.34	Dec. 16	20.27	Mar. 15, 1953	23.87
Mar. 26	28.05	Mar. 1941	26.79	Mar. 26, 1947	23.61	Dec. 10	20.92
June 7	10.38	Oct. 1	13.88	Dec. 10	20.56	Mar. 25, 1954	25.57
Aug. 24	8.13	Dec. 1	19.12	Mar. 16, 1948	24.15	Dec. 2	21.53
Oct. 5	10.30	Mar. 7, 1942	23.19	July 21	10.36	Dec. 4, 1955	19.37
Dec. 19	20.59	Aug. 8	8.21	Dec. 10	19.70	Mar. 20, 1956	26.44
Feb. 22, 1938	24.17						

Water level at noon, from recorder graph, 1957

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.10	26.52	27.35	.....	22.52	.....	16.55	14.36	12.68	15.10	19.66	22.30
10	25.37	26.71	27.37	27.17	.....	.....	15.84	14.18	11.91	16.02	20.17	22.72
15	.....	.....	27.38	25.66	.....	17.33	15.24	13.49	13.00	16.77	20.62	23.08
20	25.64	.....	.....	24.91	19.90	17.72	15.91	13.79	12.80	17.55	21.08	23.43
25	26.06	27.19	.....	24.38	.....	16.47	14.52	13.92	13.89	18.31	21.52	23.77
Eom	26.32	27.26	.....	.....	.....	15.96	14.45	13.77	14.68	19.08	21.94	24.12
1958												
5	24.40	25.85	26.70	27.21	24.16	13.28	10.71	11.04	10.74	13.46	17.24	18.45
10	24.68	26.03	26.83	27.25	22.62	12.71	11.78	12.21	11.38	14.45	17.34	18.95
15	24.95	26.21	26.94	27.30	20.40	13.05	11.89	11.97	11.52	15.33	17.54	19.48
20	25.18	26.30	27.04	27.27	19.12	11.72	10.56	11.04	11.36	16.11	17.67	19.92
25	25.41	26.49	27.10	26.63	15.42	12.10	11.95	11.87	12.34	16.70	17.80	20.34
Eom	25.66	26.58	27.16	25.64	14.31	12.60	11.56	11.04	12.78	17.00	18.10	20.85
1959												
5	21.19	22.98	23.80	23.96	18.86	15.68	14.48	13.93	13.38	14.78	19.15	20.56
10	21.50	23.19	23.89	23.36	18.04	15.08	13.59	13.97	13.47	16.02	19.55	20.87
15	21.82	23.38	23.96	20.93	16.94	15.43	14.53	14.75	14.27	16.94	19.95	21.29
20	22.08	23.53	24.02	21.40	16.97	15.30	14.42	13.94	13.16	17.70	20.35	21.74
25	22.35	23.66	23.90	20.38	16.63	13.98	13.86	13.31	13.59	18.29	20.51	22.12
Eom	22.65	23.72	23.90	18.82	16.03	15.07	14.80	14.48	13.06	18.75	20.50	22.53
1960												
5	22.88	24.66	25.76	26.85	20.78	.....	.....	.....	.....	.....	.....	.....
10	23.23	24.84	25.96	26.10	18.83	.....	.....	.....	.....	.....	.....	.....
15	23.58	25.05	26.16	25.45	.....	.....	.....	.....	.....	.....	.....	.....
20	23.93	25.26	26.36	23.90	.....	.....	.....	.....	.....	.....	.....	.....
25	24.18	25.40	26.56	22.28	.....	.....	.....	.....	.....	.....	.....	.....
Eom	24.46	25.56	26.76	22.04	.....	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	25.68	Nov. 27, 1961	21.50	Sept. 24, 1962	12.39	July 30, 1963	12.48
Feb. 23	27.65	Dec. 27	23.61	Oct. 29	17.19	Aug. 28	11.95
Mar. 20	28.08	Feb. 1, 1962	25.40	Dec. 3	20.57	Sept. 23	11.24
Apr. 21	25.90	Mar. 5	26.59	26	22.24	Dec. 4	19.26
May 22	17.60	30	27.58	Jan. 28, 1963	23.87	Apr. 8, 1964	26.93
July 3	15.19	Apr. 30	22.44	Feb. 27	25.05	Sept. 24	10.44
25	12.38	May 28	16.08	Mar. 25	25.80	Dec. 7	19.41
Aug. 22	13.84	July 3	13.41	Apr. 29	20.80	Mar. 19, 1965	25.53
Sept. 25	13.19	Aug. 1	12.29	May 28	15.77	Sept. 10	10.86
Oct. 30	18.50	28	12.78	July 1	13.85		

381015N1121440, 1. Local number (C-30-3)330caa-1. Test well. U.S. Geol. Survey. Drilled observation artesian well in alluvium, diam 4 in, depth 563 ft, cased to 400. Led 6,055 ft above msl. MP top of casing, 1.53 ft above led. Highest water level 17.89 below led, Sept. 10, 1965; lowest 24.22 below led, Sept. 26, 1960. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 4, 1960	20.92	May 22, 1961	21.94	June 30, 1962	19.70	May 29, 1963	21.16
20	21.69	July 31	23.49	July 31	20.79	June 22	21.47
July 25	23.36	Aug. 31	23.70	Aug. 31	21.69	July 30	22.91
Aug. 30	24.09	Sept. 30	23.00	Sept. 30	21.87	Aug. 28	23.04
Sept. 26	24.22	Oct. 31	22.95	Oct. 31	21.01	Sept. 28	22.43
Oct. 25	23.47	Nov. 30	23.12	Nov. 30	20.96	Oct. 16	22.18
Nov. 25	22.79	Jan. 31, 1962	23.51	Dec. 16	21.23	Apr. 8, 1964	22.27
Dec. 29	23.32	Feb. 24	23.88	Jan. 28, 1963	22.01	Sept. 24	22.03
Jan. 26, 1961	23.51	Mar. 31	24.14	Feb. 28	22.49	Dec. 7	19.85
Feb. 23	23.79	Apr. 30	22.98	Mar. 28	22.54	Mar. 19, 1965	23.05
Mar. 31	23.83	May 31	20.82	Apr. 29	22.18	Sept. 10	17.89
Apr. 25	22.69						

381025N1121600, 1. Local number (C-30-4)25bcc-1. State claim 8210. Circleville-Loss Creek Irrigation Co. Drilled irrigation artesian well in alluvium, diam 12 in, depth 133 ft, cased to 130, perforated 38-127. Led 6,065 ft above msl. MP bottom of discharge pipe, 7.00 ft above led. Highest water level 13.38 below led, Aug. 8, 1942; lowest 24.5 below led, Feb. 23, 1961, Mar. 5, Mar. 30, 1962. Records available: 1938-51, 1956, 1960-65.

381025N1121600,1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 12, 1938	20.50	Mar. 11, 1943	19.57	Mar. 26, 1951	18.69	Feb. 1, 1962	23.50
July 15	15.00	Dec. 15	18.10	Sept. 11, 1956	(a)	Mar. 5	24.50
Aug. 24	14.76	Mar. 18, 1944	19.05	Oct. 16	23.70		24.50
Oct. 6	16.08	Dec. 3	17.43	May 23, 1960	a47.0	Apr. 30	23.14
Dec. 19	18.23	Apr. 3, 1945	19.86	July 25	a37.0	May 28	18.70
Mar. 2, 1939	19.88	Dec. 7	17.82	Sept. 26	a40.0	July 3	17.52
Apr. 21	23.22	Mar. 20, 1946	18.90	Oct. 25	23.0	Oct. 29	20.07
Aug. 21	18.70	Dec. 16	20.25	Nov. 25	22.0	Dec. 3	20.87
Oct. 18	18.73	Mar. 26, 1947	20.68	Dec. 29	23.0		21.54
Dec. 7	19.39	Dec. 10	20.00	Jan. 26, 1961	24.0	Jan. 28, 1963	21.91
Mar. 25, 1940	21.04	Mar. 16, 1948	20.52	Feb. 23	24.5	Feb. 27	22.43
Dec. 7	20.95	July 21	16.37	Mar. 22	24.0	Mar. 25	22.73
Mar. 21, 1941	23.20	Dec. 10	19.08	Apr. 25	a36.5	Sept. 23	21.65
Oct. 8	16.06	Apr. 3, 1949	18.29	Sept. 25	22.5	Apr. 7, 1964	21.85
Dec. 3	18.22	Dec. 10	18.33	Oct. 30	22.5	Dec. 7	20.98
Mar. 17, 1942	21.68	Mar. 27, 1950	16.82	Nov. 27	23.5	Mar. 19, 1965	22.98
Aug. 8	13.38	July 27	14.18	Dec. 27	24.0	Sept. 10	16.11
Dec. 17	16.59	Dec. 9	16.77				

a Well being pumped.

Rich County

## Bear Lake Valley

415124N1112254.1. Local number (A-13-5)21dab (previously reported 21ad). State claim 8222. Drought Relief Administration. Bored unused artesian well in gravel, diam 15 in, depth 70 ft, cased to 70. Lsd 5,990+ ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 0.22 above lsd, May 7, 1962; lowest 14.44 below lsd, Oct. 6, 1942 (previously reported 9.25 below lsd, Oct. 8, 1940). Records available: 1936-48, 1950-65.

Apr. 3, 1961	-5.89	May 7, 1962	+0.22	Mar. 5, 1963	-3.37	Oct. 29, 1964	-7.02
Oct. 10	-11.95	Oct. 16	-8.58	Dec. 3	4.91	Dec. 14, 1965	.29

## Upper Bear River Valley

413136N1110940.1. Local number (A-9-7)35dc-1. State application 18733. James Stuart. Drilled domestic artesian well in alluvium, diam 6 in, depth 57 ft, cased to 47. Lsd 6,340+ ft above msl. MP top of casing, 8.00 ft below lsd. Highest water level 13.61 below lsd, July 28, 1965; lowest 39.13 below lsd, Oct. 10, 1961. Records available: 1948-65.

Apr. 3, 1961	38.31	Oct. 16, 1962	29.66	Mar. 11, 1964	29.25	July 28, 1965	13.61
Oct. 10	39.13	Mar. 5, 1963	35.09	Oct. 29	23.27	Dec. 14	29.04
May 7, 1962	14.18	Dec. 3	33.42	Mar. 11, 1965	33.11		

412840N1110702.1. Local number (A-9-7)35aab (previously reported 25bcb-2). Deseret Livestock Co. Drilled unused artesian well in alluvium, diam 6 in, depth 300 ft, casing information not available. Lsd 6,320 ft above msl. MP top of casing, at lsd. Highest water level 13.18 below lsd, Mar. 11, 1965; lowest 17.20 below lsd, Oct. 10, 1961. Records available: 1946-65.

Apr. 3, 1961	16.23	Oct. 16, 1962	16.45	Mar. 11, 1964	16.28	Mar. 11, 1965	13.18
Oct. 10	17.20	Mar. 5, 1963	16.87	Oct. 29	16.53	July 28	13.88
May 7, 1962	15.71						

414214N1110935.1. Local number (A-11-7)9cd-1. Frank H. Jackson. Drilled unused water-table well in alluvium, diam 6 in, depth 25 ft, cased to 25. Lsd 6,255+ ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 6.86 below lsd, July 28, 1965; lowest 16.55 below lsd, Jan. 22, 1941. Records available: 1936-59, 1961-65.

Apr. 3, 1961	16.06	May 7, 1962	8.99	Dec. 3, 1963	10.38	Oct. 28, 1964	11.17
Oct. 10	12.93	Oct. 16	9.35	Mar. 11, 1964	16.00	July 28, 1965	6.86

414539N1110734.1. Local number (A-12-7)26bb-2. Wm. Hoffman. Drilled stock artesian well in alluvium, diam 6 in, depth 60 ft, cased to 60. Lsd 6,250+ ft above msl. MP top of concrete pumpbase, 0.70 ft above lsd. Highest water level 2.95 below lsd, June 6, 1939; lowest 9.77 below lsd, Oct. 8, 1940. Records available: 1936-65.

Apr. 3, 1961	7.79	Oct. 16, 1962	5.35	Mar. 11, 1964	9.72	July 28, 1965	4.84
Oct. 10	7.10	Mar. 5, 1963	7.12	Oct. 29	8.32	Dec. 14	6.57
May 7, 1962	4.87	Dec. 3	9.13	Mar. 11, 1965	7.56		

415020N1111946.1. Local number (A-13-5)25daa-1 (previously reported 25db). Willis Bros. Drilled unused artesian well in alluvium, diam 6 in, depth 60 ft, cased to 60. Lsd 5,950+ ft above msl. MP top of casing, 1.00 ft below lsd. Highest water level 3.99 below lsd, Nov. 21, 1950; lowest 13.60 below lsd, Oct. 10, 1961. Records available: 1936-65. Apr. 3, 1961, 7.01; Oct. 10, 13.60; May 7, 1962, 6.17; Oct. 16, 9.38; Mar. 5, 1963, 7.78; Mar. 11, 1964, 8.11; Mar. 11, 1965, 6.28.

Salt Lake County

## Jordan Valley

404700N1120057.1. Local number (B-1-2)36baa-1. State claim 18176. E. J. Jeremy. Jetted stock artesian well in alluvium, diam 2 in, depth 464 ft, casing information not available. Lsd 4,223.6 ft above msl. MP top of concrete block, 3.50 ft above lsd. Highest water level 15.5 above lsd, Dec. 16, 1944; lowest 7.8 above lsd, July 17, 1957. Records available: 1931-33, 1941-53, 1955-65.

404700N1120057.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 20, 1961	+11.3	Apr. 27, 1964	+10.4	Nov. 18, 1964	+10.79	June 14, 1965	+10.47
May 23	10.8	May 11	10.4	Dec. 3	10.95	28	10.12
Dec. 13	10.6	June 11	9.8	Jan. 11, 1965	11.0	July 13	10.09
Mar. 14, 1962	10.4	23	9.7	27	11.01	27	10.07
Dec. 11	11.1	July 7	10.5	Feb. 17	11.03	Sept. 3	10.38
Feb. 28, 1963	10.7	21	10.7	Mar. 11	10.8	28	10.78
Aug. 5	10.3	Aug. 19	10.4	Apr. 6	10.07	Oct. 14	10.59
Oct. 23	10.55	Sept. 15	10.72	26	10.5	Nov. 10	12.6
Feb. 26, 1964	10.76	Oct. 1	10.60	May 11	10.45	Dec. 13	10.91
Apr. 13	10.4	27	10.98	June 3	10.25	28	11.3

404147N115715.1. Local number (C-1-1)33abb-1. State claim 7547. W. D. Hill. Jetted domestic and stock artesian well in alluvium, diam 2 in, depth 425 ft, cased to 425. Lsd 4,250.7 ft above msl. MP top of tee, 2.00 ft above lsd. Highest water level 22.7 above lsd, Dec. 13, 1950; lowest 5.36 above lsd, July 21, 1964. Records available: 1931, 1935-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1961	+14.4	Mar. 14, 1964	+9.1	Sept. 16, 1964	+9.1	June 29, 1965	+8.9
Dec. 19	9.9	Apr. 13	9.35	Oct. 1	8.8	July 13	7.8
Mar. 14, 1962	8.6	27	9.5	27	10.3	27	9.1
Dec. 11	10.3	May 11	8.8	Jan. 15, 1965	11.5	Aug. 12	9.5
Feb. 28, 1963	9.7	June 10	7.3	30	11.1	Sept. 16	12.7
Aug. 5	6.27	23	7.7	Feb. 23	11.2	Oct. 15	11.8
Oct. 23	9.9	July 7	5.79	Mar. 12	10.3	Nov. 9	12.9
Dec. 23	10.3	21	5.36	Apr. 8	8.9	30	13.7
Jan. 4, 1964	10.1	Aug. 4	6.21	26	9.9	Dec. 14	14.3
20	9.5	19	6.21	May 11	9.8	28	14.1
Feb. 26	9.1	Sept. 3	6.80	June 4	8.1		

404300N1120343.1. Local number (C-1-2)22cbb-1. F. E. Fowler. Jetted domestic artesian well in alluvium, diam 2 in, depth 110 ft, cased to 110. Lsd 4,231.61 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 17.2 above lsd, Sept. 21, 1953; lowest 7.4 above lsd, Feb. 28, 1963. Records available: 1931-32, 1934-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 20, 1961	+10.6	Apr. 13, 1964	+8.30	Sept. 16, 1964	+12.4	June 21, 1965	+8.9
Dec. 19	9.0	27	8.25	Oct. 1	13.1	29	9.8
Mar. 14, 1962	7.6	May 11	8.25	27	12.2	July 13	9.8
Dec. 11	10.4	25	8.30	Jan. 11, 1965	10.2	27	11.5
Feb. 28, 1963	7.4	June 9	8.40	27	9.9	Aug. 12	12.0
Aug. 5	8.9	23	8.80	Feb. 23	9.4	Sept. 16	13.1
Oct. 23	10.05	July 7	9.56	Mar. 12	8.8	Oct. 15	12.1
Dec. 23	10.05	21	9.50	Apr. 9	7.9	Nov. 8	11.9
Jan. 4, 1964	9.2	Aug. 4	9.90	26	7.5	30	8.6
20	8.35	19	11.00	May 11	7.8	Dec. 14	10.3
Feb. 26	8.20	Sept. 3	11.90	28	8.2	28	10.4

403757N115335.1. Local number (C-2-1)24adc-1. State claim 16012. J. D. Blain. Jetted unused artesian well in alluvium, diam 2 in, depth 127 ft, cased to 127. Lsd 4,343.8 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 19.88 below lsd, Dec. 28, 1949; lowest 35.60 below lsd, Aug. 5, 1963. Records available: 1931-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	26.54	Apr. 13, 1964	31.52	Oct. 2, 1964	34.41	June 9, 1965	33.3
Dec. 19	28.70	28	31.46	28	32.38	25	33.76
Mar. 14, 1962	29.46	May 12	31.36	Nov. 22	32.88	July 9	33.84
Dec. 17	29.47	25	33.93	Dec. 8	30.30	27	33.44
Mar. 1, 1963	30.05	June 10	32.90	29	29.87	Aug. 2	33.22
Aug. 5	35.60	22	32.39	Jan. 17, 1965	30.2	16	34.47
Oct. 24	31.67	July 8	34.03	29	30.4	Sept. 2	32.78
Dec. 21	30.35	22	34.83	Feb. 23	30.4	17	31.74
Jan. 4, 1964	30.43	Aug. 5	35.31	Mar. 19	30.6	Oct. 2	30.78
20	30.49	20	34.23	Apr. 7	30.1	29	29.51
Feb. 1	30.69	Sept. 2	35.24	26	31.4	Nov. 23	29.14
28	31.04	15	35.19	May 13	31.3	Dec. 16	29.09
Mar. 14	31.30						

404459N115029.1. Local number (D-1-1)9aca-1. State claim 4836. Salt Lake City Corp. Drilled unused water-table well in alluvium, diam 20 in, depth 502 ft, cased to 502, perforated 180-485. Lsd 4,658.9 ft above msl. MP top of casing, 1.80 ft above lsd. Highest water level 132.20 below lsd, May 7, 1953; lowest 156.26 below lsd, Jan. 20, 1935. Records available: 1934-65.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	149.76	149.87	149.72	150.36	150.80	151.42	152.05	152.74	153.36	154.04	154.68
10	149.87	149.84	149.72	150.39	150.82	151.53	152.13	152.94	153.45	154.21	154.82
15	149.91	149.79	149.70	150.43	150.97	151.66	152.32	153.06	153.56	154.25	154.70
20	149.89	149.96	149.96	150.53	151.04	151.80	152.40	153.12	153.58	154.45	154.75
25	149.89	149.82	150.04	150.60	151.20	151.92	152.45	153.22	153.64	154.48	154.88
Eom	149.87	149.89	150.24	150.72	151.32	152.07	152.63	153.30	153.89	154.59	154.77
1962											
5	154.77	154.65	154.40	154.15	151.66	148.62	146.90	147.24	148.13	148.85	149.67
10	154.78	154.62	154.39	154.01	151.07	148.04	146.94	147.49	148.27	148.95	149.87
15	154.50	154.59	154.34	153.67	150.55	147.63	146.90	147.58	148.51	149.21	149.88
20	154.66	154.54	154.28	153.19	150.08	147.37	146.97	147.65	148.64	149.31	149.86
25	154.68	154.49	154.29	152.60	149.56	147.15	146.97	147.79	148.74	149.39	149.95
Eom	154.63	154.46	154.24	152.26	149.03	147.02	147.15	147.99	148.90	149.58	149.94

404459N1115029, 1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	149.96	149.78	149.53	149.31	.....	148.94	145.18	146.41	147.89	148.85	149.12	149.26
10	149.85	149.64	149.42	149.30	.....	148.60	145.19	146.57	148.11	148.89	149.21	149.23
15	149.92	149.71	149.20	149.06	.....	148.67	145.36	146.87	148.21	148.92	.....	149.24
20	149.95	149.66	149.50	.....	.....	148.36	145.66	147.02	148.40	149.02	.....	149.13
25	149.75	149.63	149.44	.....	149.52	148.27	145.69	147.30	148.60	149.05	.....	149.11
Eom	149.72	149.58	149.15	.....	149.10	148.17	146.20	147.62	148.73	149.18	.....	149.21

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	149.19	149.01	148.93	148.00	145.09	143.47	143.53	144.01	144.52	145.22	145.85
10	149.05	149.22	149.18	149.05	.....	144.74	143.43	143.58	144.19	144.59	145.14	145.80
15	.....	149.21	149.13	148.89	146.95	144.31	143.24	143.65	144.20	144.70	145.39	145.83
20	.....	149.23	149.07	148.93	146.42	144.15	143.24	143.81	144.08	144.90	145.53	146.53
25	149.15	149.23	149.21	148.75	146.00	143.83	143.28	143.87	.....	144.89	145.46	146.19
Eom	.....	149.05	148.89	148.49	145.58	143.64	143.31	143.86	144.24	145.11	145.65	146.12

1965												
5	145.98	144.02	141.98	140.07	138.50	138.10	138.65	139.16	139.53	139.33	139.16	138.82
10	145.75	143.75	141.64	139.61	138.41	138.18	138.64	139.23	139.56	139.26	139.09	138.54
15	145.57	143.35	141.31	139.49	138.27	138.09	138.77	139.34	139.37	139.09	139.06	138.48
20	145.14	142.90	141.10	139.34	138.13	138.32	138.83	139.41	139.55	139.29	138.98	138.43
25	144.83	142.55	140.55	138.98	138.10	138.28	139.00	139.42	139.36	139.33	138.77	138.12
Eom	144.27	142.28	140.37	138.71	137.94	138.48	139.10	139.54	139.52	139.30	138.80	137.96

404357N1115039, 1. Local number (D-1-1)16caa-1. State claim 4847, Salt Lake City Corp. Drilled unused water-table well in alluvium, diam 20 in, depth 502 ft, cased to 502, perforated 90-486. Led 4, 489.69 ft above msl, MP top of casing, at lsd. Highest water level 48.42 below lsd, July 24, 1938; lowest 70.65 below lsd, Apr. 29, 1935. Records available: 1934-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	60.15	60.08	60.26	60.68	60.83	61.28	61.88	62.52	62.99	63.34	63.24	63.39
10	60.13	60.11	60.31	60.67	60.90	61.38	61.97	62.62	63.05	63.40	63.23	63.42
15	60.00	60.15	60.33	60.68	60.99	61.47	62.08	62.71	63.15	63.42	63.23	63.48
20	59.94	60.18	60.38	60.69	61.05	61.60	62.18	62.77	63.20	63.46	63.23	63.53
25	59.95	60.19	60.44	60.75	61.14	61.71	62.31	62.85	63.25	63.45	63.21	63.51
Eom	60.03	60.24	60.70	60.80	61.23	61.81	62.44	62.91	63.29	63.28	63.28	63.53

Dom	06.06	06.12	06.16	06.26	01.20	01.26	02.14	02.19	06.25	06.28	06.29	
1962												
5	63.56	63.56	63.32	62.70	61.43	60.95	60.64	60.58	60.97	61.22	61.00	60.98
10	63.49	63.49	63.26	62.33	61.38	60.89	60.64	60.69	61.05	61.21	61.00	60.99
15	63.55	63.39	63.21	62.12	61.29	60.80	60.58	60.73	61.15	61.17	61.01	61.01
20	63.57	63.38	63.17	61.85	61.22	60.75	60.52	60.78	61.21	61.07	60.97	61.07
25	63.57	63.37	63.07	61.62	61.15	60.71	60.48	60.85	61.23	61.03	60.95	61.08
Eom	63.57	63.36	63.00	61.47	61.08	60.68	60.49	60.93	61.23	61.01	60.95	61.11

1963												
5	61.13	60.99	60.31	59.91	59.71	59.97	59.97	60.46	60.73	60.74	60.86	.....
10	61.14	60.97	60.28	59.80	59.68	59.97	60.04	60.50	60.75	60.78	60.84	60.75
15	61.20	60.96	60.18	59.93	59.60	59.97	60.13	60.56	60.75	60.84	60.79	.....
20	61.20	60.79	60.16	59.95	59.75	59.91	60.19	60.63	60.76	.....	60.76	.....
25	61.20	60.40	60.10	59.96	59.82	59.92	60.27	60.66	60.78	.....	60.77	61.82
Eom	61.25	60.34	59.98	59.76	59.89	59.93	60.39	60.72	60.71	60.87	60.77	61.89

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	61.09	.....	61.43	60.82	60.00	59.23	58.31	57.60	.....	57.63	.....
10	.....	61.10	61.36	61.33	60.72	59.91	59.10	.....	.....	.....	57.66	.....
15	.....	61.11	61.37	61.27	60.43	59.80	58.96	58.03	.....	.....	.....	.....
20	61.03	.....	61.38	61.21	60.28	59.67	.....	57.92	57.48	.....	57.79	.....
25	.....	61.22	61.38	61.14	60.15	59.54	58.64	57.69	57.37	57.51	57.83	.....
Eom	61.07	.....	61.45	61.00	60.04	59.38	58.48	57.67	57.36	.....	57.89	.....

1965												
5	57.95	57.95	57.68	57.05	55.81	55.41	56.05	56.01	55.90	.....	.....	.....
10	57.97	57.89	57.56	56.97	55.80	55.71	56.07	55.99	55.89	55.91	55.99	.....
15	58.10	.....	57.42	56.94	55.47	55.97	56.11	55.98	55.87	55.88	56.06	56.36
20	.....	57.84	57.29	56.88	55.13	56.01	56.07	55.95	55.89	55.92	.....	56.37
25	57.99	.....	57.23	56.61	55.11	56.04	56.01	55.90	55.87	55.91	56.14	56.42
Eom	57.99	57.72	57.16	56.22	55.12	56.05	56.12	55.91	55.90	55.92	56.20	56.46

404017N1115021, 1. Local number (D-2-1)4dbd-4, Eugene Templeman. Jetted unused artesian well in alluvium, diam 3 in, depth 118 ft, cased to 118. Led 4, 384.13 ft above msl. MP top of reducer, 0.25 ft above lsd (previously reported top of casing, at lsd). Highest water level 7.00 above lsd, Aug. 27, 1952; lowest 25.53 below lsd, Dec. 31, 1961. Records available: 1931-61, 1963, 1965. No measurement made in 1962 or 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1961	9.23	Oct. 31, 1961	22.06	Feb. 22, 1965	22.77	Aug. 10, 1965	16.34
Feb. 28	10.22	Nov. 28	23.48	Mar. 19	23.38	Sept. 2	17.17
Mar. 31	10.52	Dec. 31	25.53	Apr. 7	23.15	17	17.85
May 2	12.33	Mar. 1, 1963	(f)	26	23.45	Oct. 1	17.71
30	12.85	Aug. 6	16.65	May 12	24.24	29	18.91
June 29	15.75	Oct. 24	21.35	June 9	20.36	Nov. 23	20.87
July 31	17.79	Dec. 21	23.80	25	15.83	Dec. 10	21.57
Aug. 30	19.53	Jan. 16, 1965	22.70	July 9	15.93	31	22.12
Sept. 30	19.00	29	22.38	27	14.84		

f Dry.



## San Juan County

## San Juan River Area - Spanish Valley - La Sal Area

382841N1092742.1. Local number (D-27-22)23dda-1. State application 13070. U. S. Bureau of Land Management. Drilled stock water-table well in sandstone, diam 6 in, depth 315 ft, cased to 315. Lsd 4,880 ft above msl. MP top of casing, at lsd. Highest water level 275.48 below lsd, Oct. 17, 1946; lowest 285.55 below lsd, Oct. 14, 1965. Records available: 1946-48, 1962-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 16, 1946	277.03	Oct. 7, 1948	278.07	Apr. 19, 1963	283.80	Oct. 7, 1964	284.71
17	275.48	May 1, 1962	283.11	Oct. 15	284.04	Mar. 17, 1965	285.14
Oct. 15, 1947	276.92	Oct. 10	283.41	Apr. 18, 1964	284.44	Oct. 14	285.55

381322N1092358.1. Local number (D-29-23)33dbb-1. State application 13070. U. S. Bureau of Land Management. Drilled unused water-table well in Navajo Sandstone, diam 8 in, depth 133 ft, cased to 6. Lsd 5,670± ft above msl. MP top of casing, at lsd. Highest water level 29.02 below lsd, Oct. 12, 1954; lowest 31.85 below lsd, Oct. 17, 1956. Records available: 1946-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	31.02	Apr. 18, 1963	30.59	Apr. 16, 1964	30.67	Aug. 2, 1965	30.41
May 1, 1962	30.62	Oct. 16	30.74	Mar. 17, 1965	30.29	Oct. 12	30.43
Oct. 11	31.14						

380435N1092129.1. Local number (D-31-23)23add-1. State claim 8254. U. S. Bureau of Land Management. Drilled unused artesian well in Navajo Sandstone, diam 6 in, depth 156 ft, cased to 68. Lsd 6,035± ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 100.00 below lsd, Oct. 18, 1946; lowest dry at 105.0 below lsd, Aug. 2, Oct. 12, 1965. Records available: 1946-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29, 1961	101.18	Oct. 11, 1962	101.11	Apr. 16, 1964	101.09	Aug. 2, 1965	f105
Oct. 18	101.33	Apr. 18, 1963	101.97	Mar. 17, 1965	101.31	Oct. 12	f105
May 1, 1962	102.65	Oct. 16	101.43				

f Dry.

## Sage Plain

375050N1090348.1. Local number (D-34-26)4dad-1. State claim 8249. State Land Board. Drilled unused water-table well in Dakota Sandstone, diam 6 in, depth 100 ft, casing depth unknown. Lsd 6,725± ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 38.39 below lsd, Oct. 9, 1958; lowest 45.41 below lsd, Oct. 30, 1953. Records available: 1946-51, 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1961	39.87	Oct. 11, 1962	39.31	Apr. 16, 1964	40.54	Mar. 17, 1965	43.42
Oct. 19	40.18	Apr. 17, 1963	38.91	Oct. 7	41.27	Aug. 3	40.24
May 3, 1962	39.18	Oct. 16	40.57				

373725N1092841.1. Local number (D-36-22)27ddb-2. M. F. Lyman. Drilled unused artesian well in Dakota Sandstone, diam 5 in, depth 150 ft, cased to 34. Lsd 6,100 ft above msl. MP top of casing, 0.15 ft below lsd. Highest water level 49.03 below lsd, Feb. 8, 1953; lowest 54.90 below lsd, Sept. 25, 1946. Records available: 1942-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	50.71	Apr. 27, 1962	50.69	July 25, 1963	50.52	Oct. 26, 1964	50.77
Feb. 27	50.42	May 29	50.84	Aug. 27	50.58	Nov. 25	50.70
Mar. 30	50.12	June 28	50.99	Sept. 25	50.82	Dec. 24	50.37
Apr. 28	50.70	July 30	50.92	Oct. 28	50.69	Jan. 27, 1965	51.19
May 29	50.84	Aug. 29	50.60	Nov. 27	50.60	Feb. 25	51.09
June 28	50.68	Sept. 28	50.65	Dec. 26	50.63	Mar. 24	50.54
July 28	50.74	Oct. 29	50.95	Jan. 27, 1964	50.69	Apr. 26	50.78
Aug. 29	50.74	Nov. 27	50.65	Feb. 26	50.42	May 25	50.70
Sept. 28	50.83	Dec. 22	50.51	Mar. 25	50.65	June 25	50.62
Oct. 28	50.55	Jan. 31, 1963	50.64	Apr. 25	50.38	July 26	50.85
Nov. 29	50.44	Feb. 27	50.56	May 26	50.80	Aug. 27	50.70
Dec. 31	50.50	Mar. 29	50.64	June 23	50.88	Sept. 24	50.48
Jan. 31, 1962	50.56	Apr. 29	50.77	July 28	50.85	Oct. 24	50.74
Feb. 27	50.61	May 29	50.44	Aug. 26	50.63	Nov. 19	51.99
Mar. 30	50.84	June 28	50.56	Sept. 26	50.80		

## Sanpete County

## Central Sevier Valley

[For other wells in this valley see Garfield, Piute, and Sevier Counties]

390834N115343.1. Local number (C-19-1)23bcc-1. State claim 1457. C. H. Beal. Drilled irrigation water-table well in alluvium, diam 12 in, depth 186 ft, cased to 186, perforated 50-186. Lsd 5,500 ft above msl. MP bottom of hole in pumphouse, 0.50 ft above lsd. Highest water level 29.52 below lsd, Dec. 6, 1945; lowest 38.30 below lsd, Sept. 28, 1961. Records available: 1935-56, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	36.30	July 25, 1961	37.47	Sept. 26, 1963	36.71	Dec. 10, 1964	36.58
Feb. 23	37.35	Sept. 28	38.30	Feb. 2, 1964	36.38	Mar. 9, 1965	36.69
Mar. 21	36.42	Apr. 3, 1962	36.37	Sept. 24	37.57	Sept. 20	35.69
Apr. 26	36.06	Apr. 19, 1963	36.03				

390324N114924.1. Local number (D-20-1)20acc-2 (previously reported aaa-1). State claim 6356. Federal Land Bank. Dug domestic and stock water-table well in alluvium, diam 4 ft, depth 66 ft, lined with rock. Lsd 5,160 ft above msl. MP floor in pumphouse, at lsd. Highest water level 25.82 below lsd, July 22, 1943; lowest 48.52 below lsd, Apr. 22, 1936. Records available: 1935-56, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	39.52	June 26, 1961	40.75	Sept. 27, 1962	38.58	Sept. 24, 1964	38.55
Feb. 23	40.18	July 25	40.93	Apr. 9, 1963	35.00	Dec. 10	38.27
Mar. 21	40.35	Aug. 22	40.87	Sept. 26	38.60	Mar. 9, 1965	38.82
Apr. 26	40.30	Sept. 28	41.00	Apr. 2, 1964	39.82	Sept. 20	34.67
May 23	40.70	Apr. 3, 1962	42.12				

## Sanpete Valley

393123N1113648.1. Local number (D-15-3)8cda-3. State claim 13671. William Prestwich. Jetted stock artesian well in alluvium, diam  $1\frac{1}{2}$  in, depth 75 ft, cased to 75. Lsd 5,513 ft (previously reported 5,510.72 ft) above msl. MP top of ell, on 20-ft long  $\frac{3}{4}$ -in discharge pipe, 0.40 ft above lsd (since 1965). Highest water level 3.84 above lsd, Mar. 27, 1954; lowest 0.75 above lsd, Sept. 29, 1961. Records available: 1937-56, 1958-62, 1965. No measurement made in 1963-64. (Add 0.3 ft to measurements previously reported for 1958-60, due to change in MP.)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	+1.58	July 6, 1961	+1.25	Mar. 10, 1965	+2.40	Sept. 2, 1965	+2.00
Feb. 27	1.65	26	1.22	26	2.58	Oct. 4	1.92
Mar. 31	1.85	Aug. 24	1.20	Apr. 30	2.43	28	1.89
Apr. 24	1.81	Sept. 29	.75	June 25	2.20	Dec. 28	1.70
May 26	1.73	Oct. 16, 1962	1.51	July 31	2.00		

393220N1112827.1. Local number (D-15-4)4dda-1. State claim 3606. Twin Creek Irrigation Co. Drilled irrigation artesian well in alluvium, diam 12 in, depth 245 ft, cased to 245, perforated 18-240. Lsd 5,820.05 ft above msl. MP bottom of inspection hole, 1.00 ft above lsd. Highest water level 4.82 below lsd, Aug. 11, 1942; lowest 31.62 below lsd, Apr. 5, 1962.

Records available: 1935-65. (Measurements shown for Mar. 4, 1958 through Nov. 29, 1958 should be 0.1 ft less.)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	26.59	Sept. 28, 1962	13.75	Nov. 3, 1964	20.03	May 19, 1965	23.42
Feb. 27	27.93	Apr. 11, 1963	17.99	Dec. 14	21.09	Sept. 3	6.71
Mar. 31	29.23	Sept. 25	19.42	Feb. 17, 1965	23.48	Oct. 4	7.73
Sept. 29	30.58	Apr. 1, 1964	24.39	Mar. 26	24.74	28	8.37
Apr. 5, 1962	31.62	May 11	22.60	Apr. 30	24.74	Dec. 2	9.28

392218N1113624.1. Local number (D-16-3)32ddc-2. George L. Beal. Jetted unused artesian well in alluvium, diam  $1\frac{1}{2}$  in, depth 145 ft, cased to 130. Lsd 5,461.5 ft above msl. MP top of bushing, 0.80 ft above lsd. Highest water level 27.9 above lsd, Aug. 19, 1952; lowest 3.57 below lsd, June 18, 1936. Records available: 1935-65.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	+7.6	+6.9	+7.1	+6.6	+6.6	+4.3	...	+0.9	...	...	+5.8
10	7.6	6.7	6.9	6.2	6.8	1.9	...	1.9	...	+5.4	...
15	7.1	8.0	6.6	6.6	6.2	1.2	...	2.0	+5.1	4.5	+4.5
20	7.2	6.3	6.2	6.5	6.3	...	...	1.1	5.6	4.9	5.6
25	7.2	6.8	6.4	6.4	5.6	...	...	...	...	5.1	...
Eom	7.4	6.4	6.7	6.4	5.2	...	...	3.8	...	5.1	...

Highest water level for the day, from recorder graph, 1962											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	...	...	...	+6.8	+6.7	+9.3	+14.2	+13.2	+15.1	+15.1	+15.4
10	+5.5	...	...	5.9	7.0	9.9	12.6	11.7	15.5	15.6	15.2
15	...	...	...	6.2	...	10.0	13.5	13.4	...	15.5	14.9
20	...	...	...	6.0	...	11.5	11.1	13.0	15.4	15.4	15.1
25	...	+6.3	+5.7	6.2	7.9	12.7	13.1	14.0	15.5	15.5	15.1
Eom	5.6	...	5.8	6.5	8.7	13.4	14.0	14.8	...	15.4	15.0

1963											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	...	+14.1	...	...	+14.4	+14.4	+10.9	+8.0	...	+12.8	+12.5
10	...	14.0	...	+13.5	13.3	12.7	9.5	10.0	...	12.9	12.4
15	...	14.0	...	13.4	13.2	...	8.9	11.7	...	13.0	12.5
20	...	13.7	+13.6	...	13.0	12.1	9.9	11.8	...	...	13.2
25	...	...	...	...	12.7	10.4	8.8	12.4	+13.2	12.7	13.2
Eom	...	13.8	13.4	13.4	13.1	10.3	9.8	12.6	13.2	12.5	...

1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	...	+14.2	+13.1	+13.0	+13.4	+14.2	+18.0	+11.0	+13.5	+14.5	+13.9
10	...	13.8	13.3	13.1	13.2	14.7	17.9	11.8	14.2	14.4	13.7
15	...	14.0	...	13.5	13.0	15.0	16.7	14.2	14.4	14.5	13.6
20	+13.6	13.4	14.0	13.0	13.5	16.1	15.0	12.2	...	14.3	13.7
25	13.5	13.4	13.0	13.2	13.4	16.8	15.0	13.7	14.7	14.3	14.2
Eom	13.0	13.5	13.0	13.3	13.5	17.5	12.4	11.3	14.7	13.8	14.2

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	+14.3	+14.2	+13.9	+13.4	...	+14.0	+19.4	+23.4	+23.8	+23.5	+22.2
10	14.3	14.0	13.5	13.6	+13.0	14.4	20.7	23.4	25.0	...	23.0
15	14.0	14.1	13.6	13.6	13.0	15.5	21.4	23.5	24.9	23.5	22.1
20	14.3	...	...	13.5	13.5	16.5	21.9	23.6	23.5	23.5	...
25	14.0	13.9	13.6	13.1	13.3	17.4	22.2	24.2	23.6	23.2	22.4
Eom	14.1	14.0	13.7	13.4	13.6	18.7	22.5	24.2	23.5	23.0	22.0

392047N1113549.1. Local number (D-17-3)9cbd-1. State claims 4446 and 8260. S. E. Christensen. Drilled irrigation artesian well in alluvium, diam 10 in, depth 285 ft, cased to 276, perforated 80-240. Lsd 5,518.8 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 12.49 below lsd, Aug. 10, 1942; lowest 51.87 below lsd, Apr. 24, 1936. Records available: 1935-56, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	45.40	Apr. 11, 1963	31.92	Sept. 28, 1964	31.81	June 3, 1965	36.67
Feb. 27	45.78	Sept. 25	32.20	Oct. 30	32.82	23	28.05
Mar. 31	45.00	Apr. 1, 1964	39.34	Dec. 11	34.35	July 29	15.76
Apr. 24	45.83	May 1	40.03	Feb. 9, 1965	36.09	Aug. 30	12.98
Aug. 24	50.29	June 2	40.35	Mar. 24	37.17	Sept. 28	14.56
Sept. 29	48.72	24	33.27	Apr. 28	38.06	Oct. 21	17.50
Apr. 5, 1962	47.02	Sept. 3	31.92	May 14	37.99	Dec. 1	21.50
Sept. 28	23.39						

390941N1114221.1. Local number (D-19-2)17aad-2. State claim 13463. W. G. Frischknecht. Jetted stock artesian well in alluvium, diam 2 in, depth 97 ft, cased to 97. Lsd 5,418 ft above msl. MP top of casing, 0.75 ft above lsd. Highest water level 11.95 above lsd, July 27, 1965; lowest 2.31 above lsd, Apr. 24, 1961. Records available: 1935-37, 1961-65.

390941N1114221.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 6, 1935	+6.0	Apr. 10, 1937	+5.55	Sept. 28, 1962	+10.05	Feb. 9, 1965	+4.47
Sept. 5	5.5	June 9	7.9	Apr. 11, 1963	5.85	Mar. 22	3.96
Oct. 10	4.73	Sept. 25	7.3	Sept. 25	6.25	Apr. 27	3.69
Nov. 22	4.21	Nov. 2	7.3	Apr. 1, 1964	4.25	May 27	6.57
Jan. 25, 1936	3.53	Apr. 24, 1961	2.31	30	2.59	June 22	7.45
Mar. 4	3.27	May 23	3.36	July 8	7.41	July 27	11.95
Apr. 23	3.23	June 26	5.05	31	7.28	Aug. 27	11.15
June 18	10.7	July 26	4.75	Sept. 1	7.81	Sept. 27	11.05
Aug. 6	11.8	Aug. 22	4.52	28	6.96	Oct. 25	9.65
Sept. 30	9.6	Sept. 28	3.78	Nov. 3	6.15	Nov. 37	8.85
Nov. 28	8.8	Apr. 5, 1962	3.73	Dec. 11	6.35	Dec. 37	8.05
Feb. 5, 1937	6.5						

391636N1113815.1. Local number (D-18-2)1daa-2. Grant Cox. Drilled irrigation artesian well in alluvium, diam 12 in, depth 233 ft, cased to 233. Lsd 5,555 ft above msl. MP top of innermost casing, 1.40 ft above lsd. Highest water level 53.36 below lsd, July 28, 1965; lowest 82.26 below lsd, May 1, 1964. Records available: 1963-65.

Apr. 11, 1963	77.26	Sept. 28, 1964	72.18	Apr. 27, 1965	81.32	Aug. 37, 1965	53.52
Sept. 25	74.73	Oct. 30	74.07	May 14	80.42	Sept. 27	57.50
Apr. 1, 1964	82.08	Dec. 10	75.51	27	77.49	Oct. 25	60.46
May 1	82.26	Feb. 9, 1965	78.60	June 22	61.54	Nov. 37	65.00
June 2	76.36	Mar. 22	80.29	July 28	53.36	Dec. 37	68.06
24	66.73						

Sevier County

## Central Sevier Valley

[For other wells in this valley see Garfield, Piute, and Sanpete Counties]

384757N1120022.1. Local number (C-23-2)15dcb-4. State claim 1969. F. M. Jackson. Driven domestic and stock artesian well in alluvium, diam 2 in, depth 75 ft, cased to 75. Lsd 5,233.99 ft above msl. MP top of coupling, at lsd. Highest water level 9.7 above lsd, Mar. 3, 1945; lowest 1.42 above lsd, Aug. 30, 1960. Records available: 1935-49, 1951-65.

Jan. 26, 1961	+6.40	June 26, 1961	+2.10	Sept. 26, 1962	+3.60	Sept. 25, 1964	+2.62
Feb. 23	6.40	July 25	2.31	Apr. 9, 1963	3.20	Dec. 10	5.50
Mar. 21	6.50	Aug. 22	3.06	Sept. 26	3.65	Mar. 9, 1965	5.40
Apr. 25	4.08	Sept. 28	3.73	Apr. 2, 1964	4.70	Sept. 14	2.63
May 22	2.80	Apr. 3, 1962	4.80				

384618N1115930.1. Local number (C-23-2)26ddb-1. State claim 323. N. C. Johnson. Jetted stock artesian well in alluvium, diam 4 in, depth 48 ft, cased to 48. Lsd 5,249.9 ft above msl. MP top of casing, 0.70 ft below lsd. Highest water level 9.1 above lsd, Dec. 8, 1952; lowest 1.00 above lsd, May 18, 1961, Sept. 26, 1963. Records available: 1935-59, 1961-65.

May 18, 1961	+1.00	Apr. 9, 1963	+1.60	Sept. 25, 1964	+1.15	Mar. 10, 1965	+2.67
Apr. 3, 1962	2.10	Sept. 26	1.00	Dec. 15	1.10	Sept. 14	1.95
Sept. 26	1.15	Apr. 2, 1964	1.90				

Grass Valley

383115N1115125.1. Local number (C-26-1)25acc-1. State claim 3159. A. R. Brown. Jetted stock artesian well in alluvium, diam 2 in, depth 127 ft, cased to 50. Lsd 6,862.9 ft above msl. MP top of ell, 1.20 ft above lsd. Highest water level 18.5 above lsd, Apr. 18, 1939; lowest 10.3 above lsd, Mar. 18, 1965. Records available: 1935-56, 1958-65.

Jan. 6, 1961	+16.5	Nov. 28, 1961	+16.4	Sept. 26, 1962	+15.5	June 28, 1963	+15.3
Feb. 24	16.4	Dec. 28	16.4	Oct. 31	15.7	July 29	15.0
Mar. 20	16.8	Feb. 2, 1962	16.6	Dec. 5	15.4	Aug. 29	15.3
Apr. 21	16.8	Mar. 6	16.2	27	15.6	Sept. 23	14.9
May 23	15.9	30	15.9	Jan. 29, 1963	15.6	Apr. 8, 1964	14.5
July 3	16.2	May 1	15.8	Mar. 1	15.1	Sept. 25	16.1
27	15.9	June 1	16.4	26	15.4	Dec. 8	15.8
Aug. 25	16.2	July 5	16.1	Apr. 30	15.2	Mar. 18, 1965	10.3
Sept. 27	16.4	26	16.1	May 27	15.2	Sept. 13	10.7
Oct. 31	16.4	Aug. 31	16.1				

Summit County

## Rhodes Valley

404256N1111845.1. Local number (D-1-6)19dad-1. State claim 3699. A. W. Frazier. Dug unused water-table well in alluvium, size 5 x 5 ft (previously reported diam 60 to 8 in), depth 35 ft, cribbed with concrete to 5, 8-in casing 5-35. Lsd 6,470± ft above msl. MP top of 2 x 6-in plank, 0.30 ft above lsd. Highest water level 1.58 below lsd, July 24, 1942; lowest 18.30 below lsd, Apr. 3, 1953. Records available: 1938-60, 1962-65. No measurement made in 1961.

Jan. 12, 1962	13.01	Mar. 6, 1963	13.16	Mar. 4, 1964	11.92	Mar. 8, 1965	17.66
Mar. 8	12.53	Aug. 30	3.10	Oct. 20	10.08	Oct. 18	9.20
Dec. 18	13.41	Dec. 7	12.64	Dec. 10	14.68	Dec. 15	12.89

404023N1111845.1. Local number (D-2-6)5ddb. Burton Peterson. Dug unused water-table well in alluvium, diam 8 in, depth 10 ft, cased to 10. Lsd 6,375± ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 2.28 below lsd, June 4, 1941; lowest 8.94 below lsd, Mar. 26, 1948. Records available: 1938-62, 1964-65. No measurement made in 1963.

Mar. 21, 1961	7.55	Mar. 4, 1964	15.9±	Mar. 8, 1965	7.21	Oct. 18, 1965	5.11
Jan. 12, 1962	7.30	Oct. 20	4.99	July 27	3.38	Dec. 13	6.28
Dec. 18	7.05	Dec. 10	6.93				

j Well frozen.

Tooele County

## Rush Valley

402500N122300.1. Local number (C-5-5)2bcb-1. Alma Young. Dug stock and domestic water-table well in alluvium, diam 5 ft, depth 34 ft, lined with rock. Lsd 5,010± ft above msl. MP top of timber at discharge pipe, 1,00 ft above lsd. Highest water level 23.11 below lsd, Apr. 10, 1952; lowest 28.20 below lsd, Aug. 27, 1963. Records available: 1935-55, 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	26.08	Apr. 13, 1962	26.81	Dec. 5, 1963	27.71	Mar. 10, 1965	27.28
Apr. 28	27.65	Oct. 17	26.53	Mar. 23, 1964	27.21	Oct. 12	27.49
July 27	27.42	Apr. 18, 1963	26.25	Nov. 5	28.09	Dec. 15	25.84
Oct. 20	26.44	Aug. 22	28.20				

404006N122718.1. Local number (C-9-5)6bca-1. State claim 8285. Vernon Irrigation Co. Drilled unused artesian well in alluvium, diam 15 in, depth 75 ft, cased to 60. Lsd 5,575 ft above msl. MP top of casing, at lsd. Highest water level 15.66 below lsd, Feb. 18, 1939; lowest 22.02 below lsd, May 13, 1960. Records available: 1936-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	19.03	Oct. 17, 1962	20.18	Mar. 24, 1964	19.92	Aug. 2, 1965	18.96
Apr. 28	19.30	Apr. 18, 1963	19.77	Nov. 5	19.83	Oct. 12	19.68
Oct. 20	19.52	Aug. 21	20.27	Dec. 14	19.76	Dec. 15	21.29
Apr. 13, 1962	19.54	Dec. 5	19.78	Mar. 10, 1965	19.79		

401627N124057.1. Local number (C-6-7)19cod-1. State application 24145. Charles A. Hymas. Drilled irrigation artesian well in alluvium, diam 10 in, depth 116 ft, cased to 116. Lsd 4,730 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 17.93 below lsd, May 8, 1956; lowest 21.66 below lsd, Sept. 16, 1963. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 1, 1954	19.38	Apr. 5, 1957	18.75	May 7, 1959	18.98	Sept. 16, 1963	21.66
Mar. 16, 1955	18.45	Oct. 3	20.47	Dec. 7	20.27	Dec. 4	20.69
July 27	19.49	Dec. 20	19.48	Mar. 21, 1960	19.36	Mar. 5, 1964	19.90
Nov. 1	19.54	Mar. 7, 1958	18.85	Aug. 30	21.47	Oct. 14	21.22
Feb. 21, 1956	18.87	May 22	18.44	Apr. 26, 1961	19.51	Dec. 7	20.66
May 8	17.93	Aug. 3	20.55	Mar. 6, 1962	19.63	Mar. 22, 1965	19.70
Aug. 20	20.40	Oct. 2	20.98	July 31	20.65	Oct. 14	20.08
Nov. 7	20.17	Jan. 28, 1959	19.89	Dec. 5	20.38	Dec. 16	19.68
Feb. 7, 1957	19.24	Mar. 20	19.31	Mar. 5, 1963	19.77		

## Skull Valley

401818N124058.1. Local number (C-6-8)10caa-1. State application 25252. Harold B. Rowell. Drilled irrigation artesian well in alluvium, diam 12 in, depth 176 ft, cased to 176. Lsd 4,685 ft above msl. MP outer edge of pumpbase, at lsd. Highest water level 8.30 below lsd, May 21, 1957; lowest 10.46 below lsd, Oct. 2, 1958. Records available: 1956-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1956	8.57	Dec. 30, 1957	9.50	Mar. 21, 1960	8.55	Mar. 5, 1964	8.95
May 8	8.35	Mar. 7, 1958	8.88	Apr. 26, 1961	9.36	Oct. 14	9.52
Aug. 20	10.22	Aug. 3	10.04	Dec. 18	9.96	Dec. 7	9.33
Nov. 7	9.61	Oct. 2	10.46	Mar. 6, 1962	9.38	Mar. 22, 1965	8.46
Feb. 7, 1957	8.74	Jan. 8, 1959	9.58	Dec. 3	9.72	Aug. 3	9.45
Apr. 5	8.42	Mar. 20	8.73	Mar. 5, 1963	8.62	Oct. 14	9.50
May 21	8.30	May 7	8.92	Dec. 4	9.55	Dec. 16	9.10
Oct. 3	10.07	Dec. 2	10.20				

401312N124423.1. Local number (C-7-8)10chd-1. Dugway Proving Ground. Drilled unused artesian well in alluvium, diam 8 in, depth 175 ft, cased to 175, perforated 155-175. Lsd 4,850 ft above msl. MP top of casing, 1,00 ft above lsd. Highest water level 73.32 below lsd, Jan. 26, 1951; lowest 93.25 below lsd, Oct. 17, 1964. Records available: 1946, 1951-65.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	88.13	87.63	87.25	86.79	86.97	87.49	.....	.....	.....	89.64	89.26
10	.....	87.46	87.19	86.74	86.88	87.62	.....	.....	.....	89.69	.....
15	87.89	87.37	87.03	86.86	87.04	87.82	.....	.....	.....	89.56	.....
20	87.81	87.41	87.00	86.20	87.16	87.94	.....	.....	.....	89.48	88.61
25	87.76	87.27	86.88	86.81	87.29	88.12	.....	.....	.....	89.40	88.53
Eom	87.69	87.34	86.86	86.84	87.40	88.40	.....	.....	.....	89.27	88.52

Highest water level for the day, from recorder graph, 1962											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	87.26	87.18	87.11	88.08	89.72	90.64	91.34	91.35
10	.....	.....	87.72	87.26	87.16	87.20	88.39	89.90	90.80	91.33	91.19
15	.....	.....	87.56	87.21	87.16	87.38	88.69	90.0	90.94	91.34	91.03
20	.....	.....	87.50	87.14	87.32	87.39	88.95	90.21	90.99	91.39	90.86
25	.....	.....	87.43	87.13	87.39	87.47	89.20	90.36	91.17	91.38	90.78
Eom	.....	.....	87.31	87.14	87.18	87.64	89.50	90.56	91.28	91.28	90.64

1963											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	89.34	.....	.....	89.24	89.96	91.23	91.98	92.24	.....
10	.....	.....	89.34	.....	.....	89.27	90.00	91.40	92.00	92.26	.....
15	.....	.....	89.13	.....	.....	89.32	90.31	91.49	.....	.....	.....
20	.....	.....	89.17	.....	.....	89.43	90.58	91.62	92.13	92.26	.....
25	.....	.....	89.13	.....	89.18	89.66	90.77	91.77	92.12	92.26	.....
Eom	.....	.....	89.11	.....	89.23	89.81	91.07	91.89	92.19	.....	.....

1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	89.30	89.15	89.68	90.32	92.11	92.76	93.14	93.06
10	.....	.....	.....	89.20	89.17	89.74	90.64	92.15	92.84	93.15	92.86
15	.....	.....	.....	89.12	89.17	89.85	90.84	92.33	92.98	93.19	92.70
20	.....	.....	89.38	89.17	89.31	89.97	91.17	92.49	93.03	93.18	92.54
25	.....	.....	89.32	89.15	89.56	89.97	91.51	92.58	93.06	93.18	92.36
Eom	.....	.....	89.29	89.17	89.58	90.10	91.88	92.69	93.08	93.18	92.24

401312N124423, 1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	91.55	.....	90.32	.....	.....	.....	90.60	91.76	92.09	92.18	.....
10	91.46	90.68	90.23	.....	.....	.....	.....	91.98	92.09	92.22	.....
15	91.36	90.66	90.17	.....	.....	.....	.....	92.01	92.14	92.16	91.71
20	91.31	90.50	90.11	.....	.....	.....	91.26	92.04	92.16	92.16	91.53
25	.....	90.41	90.03	.....	.....	.....	91.43	92.06	92.14	92.03	91.38
Eom	.....	90.36	.....	.....	.....	90.52	91.61	92.07	92.19	92.07	91.33

## Tooele Valley

404054N121559, 1. Local number (C-2-4)2baa-3. State application A-30003. Calera Mining Co. Drilled industrial artesian well in alluvium, diam 10 in, depth 451 ft, perforated 329-336. Lsd 4,236 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 12.7 above lsd, July 21, 1958; lowest 9.0 above lsd, Dec. 28, 1960. Records available: 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 21, 1958	+12.7	May 9, 1960	+11.2	May 31, 1961	+10.5	Aug. 2, 1962	+10.3
Mar. 24, 1959	10.7	June 1	11.2	June 27	10.6	Sept. 6	10.7
Apr. 24	10.4	29	11.3	July 25	10.5	25	11.6
May 23	10.6	July 27	11.2	Sept. 1	10.0	Oct. 29	11.3
June 23	10.5	Sept. 8	11.1	26	10.0	Nov. 30	10.4
July 27	10.4	Oct. 4	11.0	Oct. 24	10.0	Dec. 27	10.3
Aug. 27	11.5	26	11.0	Nov. 28	9.3	Jan. 30, 1963	10.9
Sept. 23	11.7	Nov. 29	10.1	Jan. 16, 1962	9.1	Feb. 28	10.2
Oct. 30	11.7	Dec. 28	9.0	Feb. 28	9.4	Mar. 25	10.1
Nov. 27	11.6	Jan. 25, 1961	10.6	Mar. 30	9.3	Mar. 15, 1964	10.5
Dec. 29	11.5	Feb. 23	10.5	May 1	9.3	Nov. 3	12.6
Jan. 30, 1960	11.5	Mar. 28	10.6	23	9.7	Mar. 2, 1965	11.8
Feb. 20	11.4	Apr. 26	10.5	July 5	10.1	Oct. 26	10.0
Mar. 30	11.3						

403608N121743, 1. Local number (C-2-4)33add-1. State claim 899. Ida Clegg. Drilled unused artesian well in alluvium, diam 6 in, depth 165 ft, cased to 160, perforated 60-100. Lsd 4,417.92 ft above msl. MP top of casing, 1.00 ft below lsd. Highest water level 30.16 below lsd, Apr. 9, 1950; lowest 57.44 below lsd, Sept. 28, 1964. Records available: 1937-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	43.93	June 6, 1962	48.24	Aug. 26, 1963	54.22	Oct. 23, 1964	55.18
Feb. 22	43.78	July 5	49.33	Sept. 25	53.99	Nov. 30	54.60
Mar. 28	43.88	28	50.16	Oct. 25	54.18	Dec. 31	54.16
Apr. 26	44.80	Sept. 25	51.45	Nov. 19	53.14	Mar. 2, 1965	53.79
June 27	46.70	Oct. 29	50.50	26	53.09	31	53.59
July 25	47.23	Nov. 30	50.01	Dec. 24	53.76	Apr. 27	53.68
Sept. 26	47.89	Dec. 27	49.79	Jan. 24, 1964	52.67	June 23	56.08
Oct. 24	47.70	Jan. 30, 1963	49.79	Feb. 25	52.18	Aug. 31	57.43
Nov. 28	47.75	Feb. 28	49.75	Mar. 30	52.00	Sept. 23	56.56
Jan. 16, 1962	46.69	Mar. 25	49.80	Apr. 30	52.06	Oct. 23	56.02
Feb. 28	46.67	Apr. 19	50.08	June 29	53.46	Nov. 23	55.57
Mar. 28	46.75	June 20	52.15	Sept. 28	57.44	Dec. 23	54.94
May 1	47.35						

404024N122618, 1. Local number (C-2-5)5acc-3. A. Searle. Jetted unused artesian well in alluvium, diam 3 in, depth 153 ft, casing information not available. Lsd 4,214 ft above msl. MP top of coupling, 1.00 ft above lsd. Highest water level 0.19 below lsd, Apr. 10, 1952; lowest 1.75 below lsd, Oct. 5, 1960. Records available: 1940-42, 1944-53, 1955-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1961	1.12	June 28, 1961	1.24	Mar. 15, 1962	1.18	Nov. 6, 1964	1.36
Mar. 29	.91	July 26	1.45	Oct. 10	1.44	Mar. 5, 1965	.88
Apr. 27	.96	Sept. 5	1.59	Mar. 18, 1963	1.05	July 23	1.21
June 1	1.05	27	1.62	Mar. 20, 1964	.91	Oct. 27	1.15

403613N122842, 1. Local number (C-2-6)36bac-1. State application 12189. J. R. Clark. Drilled unused artesian well in alluvium, diam 6 in, depth 302 ft, cased to 302. Lsd 4,321.5 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 19.07 below lsd, Dec. 22, 1952; lowest 36.92 below lsd, Sept. 26, 1961. Records available: 1940-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	30.18	Sept. 1, 1961	36.12	May 1, 1962	30.28	Nov. 31, 1962	31.93
Feb. 23	29.82	26	36.92	June 5	30.06	Jan. 31, 1963	31.04
Mar. 29	30.00	Oct. 24	36.01	July 5	30.97	Feb. 23	30.74
Apr. 27	31.95	Nov. 28	34.12	Aug. 2	32.69	Mar. 25	30.50
May 31	33.39	Jan. 16, 1962	33.01	Sept. 6	33.66	Mar. 16, 1964	31.83
June 27	34.34	Mar. 2	32.06	26	34.35	Oct. 29	34.43
July 25	35.36	28	31.60	Oct. 26	33.04	Mar. 4, 1965	30.44

403539N122829, 1. Local number (C-2-6)36dcc-1 (previously reported 36odd-1). E. C. Walk. Drilled unused artesian well in alluvium, diam 6 in, depth 176 ft, cased to 166. Lsd 4,373.7 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 72.82 below lsd, June 11, 1952; lowest 98.81 below lsd, Oct. 7, 15, 1961. Records available: 1937, 1940-65.

Water level at noon, from recorder graph, 1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	91.43	90.77	90.40	91.26	93.27	94.66	95.74	96.97	97.98	98.75	97.08
10	91.36	90.68	90.36	91.71	93.41	94.77	95.86	.....	98.14	98.76	.....
15	91.21	90.63	90.28	92.02	93.79	94.92	96.28	.....	98.36	98.81	.....
20	91.09	90.62	90.40	92.30	94.03	95.16	96.32	97.45	98.35	98.51	.....
25	91.00	90.54	90.34	92.62	94.19	95.34	96.60	97.60	.....	97.81	95.84
Eom	90.86	90.53	90.94	93.00	94.45	95.59	96.23	97.78	98.62	97.36	95.64

403539N1122829, 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	93.07	92.07	91.18	90.56	89.30	88.11	88.56	91.24	93.06	93.08	91.91	91.28
10	92.93	91.90	91.16	90.50	89.03	87.97	88.90	91.55	93.29	92.70	91.88	91.19
15	92.80	91.78	91.06	90.30	88.65	87.89	88.91	91.91	93.55	92.52	91.74	91.07
20	92.52	91.64	90.85	90.12	88.27	87.96	89.56	92.38	93.62	92.44	91.62	91.00
25	92.47	91.47	90.62	89.96	88.16	88.24	90.10	92.60	93.35	92.35	91.52	90.92
Eom	92.29	91.39	90.45	89.60	88.14	88.44	90.66	92.97	93.24	92.16	91.38	90.72

Highest water level for the day, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	90.62	90.34	89.88	91.05	91.10	90.51	90.54	93.11	95.30	95.76	94.48	93.38
10	90.48	90.22	89.76	90.43	90.81	90.20	91.18	93.49	95.44	95.52	94.18	93.25
15	90.46	90.22	89.64	90.72	90.66	90.03	91.65	93.88	95.59	95.16	93.98	93.08
20	90.48	90.14	89.67	90.98	90.54	89.89	91.98	94.25	95.58	94.98	93.86	92.85
25	90.36	90.10	89.62	91.21	90.43	89.83	92.28	94.74	95.67	94.83	....	92.75
Eom	91.30	89.96	89.56	91.38	90.71	89.97	92.58	95.08	95.72	94.64	93.55	92.65

1964												
5	92.50	92.10	91.36	90.71	90.32	89.10	87.50	90.43	.....	94.64	93.67	.....
10	92.43	91.94	91.21	90.72	90.23	88.73	.....	91.05	.....	94.78	93.30	.....
15	92.38	91.88	91.08	90.59	90.02	88.29	.....	91.64	.....	94.80	93.13	.....
20	.....	91.82	90.89	90.58	89.95	87.92	.....	.....	.....	94.87	.....	.....
25	92.32	92.07	90.88	90.45	89.61	87.64	.....	.....	.....	94.46	.....	.....
Eom	92.23	91.42	90.71	90.39	89.29	87.48	89.90	.....	94.56	94.04	92.54	91.78

1965												
5	.....	90.19	89.70	88.89	88.81	87.49	86.89	89.32	90.79	90.15	89.60	89.06
10	.....	90.12	89.60	88.82	88.60	87.34	87.05	89.74	90.91	90.09	89.50	88.92
15	.....	90.05	89.43	88.92	88.40	87.06	87.29	89.85	91.09	89.94	89.42	88.91
20	.....	89.90	89.21	88.94	88.22	86.92	87.37	90.09	90.83	89.87	89.33	88.87
25	.....	89.70	89.01	88.93	87.94	86.75	87.39	90.21	90.43	89.81	89.20	88.79
Eom	.....	89.76	88.94	88.85	87.59	86.67	88.91	90.42	90.25	89.70	89.14	88.80

## Utah County

## Uinta Basin

[For other wells in this basin see Duchesne County]

402838N1093418.1. Local number (D-4-21)16bba-1. Wm. Schaefermeyer. Dug unused water-table well in alluvium, diam 6 in, depth 25 ft, cribbed with wood to 25. Lsd 5,529.5 ft above msl. MP top of casing, 5.00 ft below lsd. Highest water level 8.62 below lsd, July 6, 1950; lowest 20.42 below lsd, Feb. 3, 1949. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 28, 1961	18.62	Oct. 9, 1962	14.11	Nov. 14, 1963	16.19	Oct. 6, 1964	14.96
Oct. 18	15.58	Apr. 16, 1963	20.41	Apr. 15, 1964	20.41	Mar. 4, 1965	14.91

402718N1093136.1. Local number (D-4-21)23dbb-2. State application 16752. Ella Preas. Drilled unused water-table well in alluvium, diam 4 in, depth 18 ft, cased to 18. Lsd 5,319.1 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.26 below lsd, Aug. 2, 1956; lowest 10.44 below lsd, Jan. 16, 1953. Records available: 1948-65.

Mar. 28, 1961	8.77	May 1, 1962	9.08	Apr. 15, 1964	9.39	Mar. 4, 1965	10.06
Sept. 5	8.78	Oct. 9	9.11	Oct. 6	8.60	Aug. 17	8.45
Oct. 18	9.07	Apr. 16, 1963	9.72				

402516N1092754.1. Local number (D-4-22)32dcd-1. Standard Oil of California. Drilled unused water-table well in alluvium, diam 6 in, depth 56 ft, cased to 56. Lsd 5,097.55 ft above msl. MP top of casing, at lsd. Highest water level 0.00, Aug. 17, 1965; lowest 3.83 below lsd, Apr. 6, 1949. Records available: 1948-65.

Mar. 28, 1961	2.73	Apr. 16, 1963	2.81	Apr. 15, 1964	0.80	Mar. 4, 1965	0.42
Oct. 18	2.66	Nov. 14	.59	Oct. 7	.52	Aug. 17	.00
May 1, 1962	2.36						

402449N1093138.1. Local number (D-5-21)2dcb-1. State application 18686. George C. Davis. Drilled stock water-table well in alluvium, diam 6 in, depth 50 ft, cased to 50. Lsd 5,410.4 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 4.74 below lsd, June 7, 1948; lowest 13.87 below lsd, Apr. 15, 1964. Records available: 1948-52, 1954-65.

Mar. 28, 1961	9.90	Apr. 16, 1963	6.26	Apr. 15, 1964	13.87	Mar. 4, 1965	8.32
May 1, 1962	6.32	Nov. 14	12.45	Oct. 7	8.89	Aug. 17	7.80
Oct. 9	10.27						

## Utah County

## Cedar Valley

401600N1120541.1. Local number (C-6-2)29cac-1. Marsh Williams. Drilled unused artesian well in alluvium, diam 4 in, depth unknown, casing information not available. Lsd 4,876.3 ft above msl. MP top of sleeve on casing, at lsd. Highest water level 4.6 above lsd, Dec. 31, 1952; lowest 5.80 below lsd, Nov. 9, 1964. Records available: 1943-50, 1952, 1954-56, 1958-65.

Mar. 28, 1961	+0.03	Aug. 21, 1963	-1.96	Dec. 16, 1964	-4.45	June 9, 1965	-1.97
Dec. 20	-.91	Dec. 5	2.55	Mar. 9, 1965	3.26	Aug. 12	1.02
Mar. 5, 1962	1.25	Nov. 9, 1964	5.80	Apr. 12	2.98	31	.68
Dec. 4	1.57						

## Utah Lake Valley

402236N115115.1. Local number (D-5-1)20aba-1. State claim 6860. Jacob G. Cox. Jetted irrigator artesian well in alluvium, diam 3 in, depth 292 ft, cased to 292. Lsd 4,522.1 ft above msl. MP top of 3-in elbow, 1.00 ft above lsd. Highest water level 60.4 above lsd, Apr. 7, 1953; lowest 12.6 above lsd, Sept. 20, 1961. Records available: 1935-65

Water level at noon, above lsd, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	+38.8	+31.0	+23.1	....	....	....	....	....	+25.8	+27.7
10	....	....	38.8	30.6	24.0	....	....	....	....	....	26.0	28.2
15	....	....	38.5	30.3	23.5	....	....	....	....	....	26.9	28.3
20	....	....	37.3	....	20.7	....	....	....	+12.6	+26.0	26.7	28.3
25	....	....	37.5	30.3	19.0	....	....	....	13.8	26.2	26.8	28.8
Eom	....	....	38.4	24.8	....	....	....	....	14.2	....	27.3	28.8

Highest water level for the day, above lsd, from recorder graph, 1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+29.9	+28.0	+29.3	+30.1	+28.5	+26.5	+24.5	....	....	+23.5	+27.0	+31.4
10	30.0	28.2	29.5	30.1	....	25.5	....	....	....	25.0	....	31.7
15	30.3	28.8	30.0	30.0	....	....	....	....	+22.0	25.9	28.6	31.8
20	30.3	29.3	30.0	29.2	....	....	....	+22.7	22.7	26.2	29.6	33.5
25	31.0	29.4	30.0	29.0	....	....	....	22.6	22.9	26.5	30.7	33.8
Eom	30.5	29.5	30.2	29.5	26.2	....	....	....	23.0	26.5	31.5	35.2

1963												
5	+35.6	+35.7	+37.0	+37.9	+37.8	....	....	....	+17.4	....	+28.9	+31.3
10	35.7	35.9	36.5	37.9	35.4	+19.9	....	+15.7	21.3	+23.1	27.3	31.9
15	35.5	36.0	36.4	37.9	34.9	....	....	17.5	21.0	24.7	31.0	....
20	35.7	36.0	36.3	37.9	....	....	....	18.2	21.3	....	....	31.0
25	35.8	36.8	38.0	38.0	....	....	....	19.0	22.0	26.7	....	31.4
Eom	35.5	36.5	38.0	38.0	....	....	....	17.1	22.1	27.6	31.3	32.0

1964												
5	+32.0	+34.5	+34.7	+35.5	....	+32.0	....	+20.3	+24.2	....	....	....
10	....	34.6	35.7	34.9	....	32.5	....	21.9	24.9	....	+33.9	+39.7
15	....	34.7	34.8	....	+36.5	32.5	....	27.0	25.1	+27.8	33.8	40.0
20	32.6	34.6	35.0	....	35.5	32.0	....	26.3	24.0	....	36.5	40.1
25	34.0	34.6	35.5	....	33.5	33.0	....	....	24.1	....	39.2	40.2
Eom	34.0	34.6	35.5	....	....	32.5	....	23.2	....	31.3	....	....

1965												
5	....	+41.3	+45.8	+43.5	+41.0	....	....	+35.5	+31.5	+38.3	+40.1	+45.6
10	....	41.8	45.8	....	....	....	+35.5	35.0	35.2	....	....	44.0
15	+40.9	42.3	....	43.9	....	....	....	....	34.0	38.2	....	....
20	41.1	46.0	....	43.6	....	....	34.0	....	....	39.1	....	....
25	41.2	46.2	45.7	....	....	+36.5	34.5	36.1	....	....	....	....
Eom	41.2	46.0	43.9	41.0	36.0	37.0	....	....	38.5	....	44.0	45.5

402234N115115.2. Local number (D-5-1)20aba-2. State claim 6861. Jacob G. Cox. Jetted unused artesian well in alluvium, diam 2½ to 2 in, depth 154 ft, cased to 152. Lsd 4,522.0 ft above msl. MP top of ¾-in ell, 1.50 ft above lsd. Highest water level 37.3 above lsd, Apr. 3, 1953; lowest 4.2 above lsd, July 22, 1961. Records available: 1935-65.

Water level at noon, above lsd, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	+24.5	+23.4	+11.5	+6.8	+5.5	+4.7	+5.0	+8.7	+15.1	+17.9
10	....	....	24.2	22.4	10.8	6.5	5.4	5.2	5.5	9.3	....	....
15	....	....	23.9	21.5	9.2	...	5.3	4.9	5.2	11.3	16.0	18.5
20	....	....	24.2	18.5	8.1	...	4.7	5.1	6.5	....	16.2	18.2
25	....	....	23.3	16.5	7.5	...	4.7	4.9	6.9	....	16.5	18.4
Eom	....	....	23.9	13.5	7.2	5.4	4.9	5.1	7.9	....	17.2	18.3

Highest water level for the day, above lsd, from recorder graph, 1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+18.6	....	+20.7	+20.6	+19.3	+15.0	+10.7	+11.9	+7.5	....	+16.5	+20.3
10	....	....	20.9	20.5	15.3	13.0	10.4	10.3	10.2	+12.5	17.8	20.9
15	....	....	20.4	20.1	13.7	13.5	10.3	9.6	11.5	....	18.7	21.0
20	....	....	21.1	19.0	13.9	12.0	....	9.5	11.0	13.9	19.4	21.1
25	....	....	20.7	19.0	13.8	10.7	9.7	8.8	10.7	14.7	20.0	21.9
Eom	....	+20.6	21.0	19.5	14.4	10.2	11.0	8.4	....	15.3	20.3	21.7

1963												
5	....	....	+23.4	+22.4	+22.1	+9.4	....	+6.6	+8.1	....	+16.5	+19.2
10	+22.2	+22.4	....	22.4	20.1	10.1	+7.5	7.0	9.0	+11.5	17.9	19.5
15	....	22.9	22.2	21.5	17.4	12.1	7.6	7.7	9.8	13.0	18.1	19.6
20	22.0	23.1	....	22.0	13.0	12.2	....	7.1	10.9	14.3	19.2	20.0
25	....	23.2	22.2	22.0	10.0	11.1	....	....	11.9	15.0	....	20.5
Eom	....	....	22.5	22.5	8.5	....	7.4	8.0	10.5	15.7	19.2	21.0

1964												
5	....	+21.8	+22.5	+23.4	....	+15.8	+16.3	+12.0	+12.1	....	....	....
10	....	21.9	22.9	23.5	....	17.0	13.0	12.0	12.4	....	+22.2	....
15	....	22.1	....	....	+25.3	17.9	11.9	11.3	13.0	....	....	....
20	+21.4	21.5	23.0	....	22.9	18.5	11.5	10.8	12.0	....	....	+26.5
25	21.3	22.4	22.8	....	20.4	18.7	12.0	....	12.2	....	....	27.0
Eom	21.5	22.3	23.2	....	17.5	18.3	12.2	....	12.9	+20.4	....	....

1965												
5	+26.8	+27.8	+28.5	+28.5	+24.5	+18.0	+17.8	+18.3	+16.9	+24.2	+27.4	+31.0
10	27.5	28.0	28.6	28.8	25.0	16.6	16.0	16.2	20.3	23.7	27.7	31.1
15	27.5	28.3	....	28.6	....	17.8	13.9	16.4	20.0	24.5	28.4	31.4
20	27.8	28.2	....	28.2	16.9	....	15.9	17.0	23.3	26.6	28.9	31.4
25	27.8	28.3	28.5	....	....	16.6	16.0	20.0	23.5	27.0	29.4	....
Eom	27.9	28.3	28.5	26.7	18.7	19.5	16.6	....	24.2	26.9	....	31.5

422207N114740.1. Local number (D-5-1)23dab-3. State claim 17054. City of American Fork. Drilled unused artesian well in alluvium, diam 3 in, depth 265 ft, cased to 265. Led 4,566.0 ft above msl. MP top of concrete trough, 2.40 ft above lsd. Highest water level 32.6 above lsd, Apr. 22, 1953; lowest 1.70 below lsd, Jan. 5, 1962. Records available: 1940-65

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	+8.2	Dec. 4, 1962	+7.2	Dec. 6, 1963	+1.4	Aug. 25, 1965	+17.8
Jan. 5, 1962	-1.70	Mar. 8, 1963	+9.1	Dec. 9, 1964	12.7	Oct. 13	20.7
Mar. 5	-1.10	Aug. 28	-1.08	Mar. 24, 1965	12.7	Dec. 14	23.5

401623N114330.1. Local number (D-6-2)28bad-1. State claim 2087. Henry Williamson. Jetted irrigation artesian well in alluvium, diam 4 in, depth 110 ft, cased to 110. Led 4,516.8 ft above msl. MP top of tee, 1.00 ft above lsd. Highest water level 17.9 above lsd, Dec. 14, 1965; lowest 3.80 above lsd, Aug. 28, 1963. Records available: 1935-53, 1956-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	+12.1	Mar. 12, 1963	+11.7	Mar. 9, 1964	+10.5	Aug. 25, 1965	+14.9
Jan. 5, 1962	7.6	Aug. 28	3.8	Dec. 9	12.3	Oct. 13	17.4
Mar. 5	8.7	Dec. 6	10.3	Mar. 24, 1965	13.3	Dec. 14	17.9
Dec. 6	11.6						

## South Utah Basin

400902N114337.1. Local number (D-8-2)4cba-2. State claim 10844. Mary G. Barney. Jetted irrigation artesian well in alluvium, diam 2 in, depth 330 ft, cased to 330. Led 4,501.09 ft above msl. MP top of tee, 1.60 ft above lsd. Highest water level 38.1 above lsd, Dec. 16, 1952; lowest 17.0 above lsd, Sept. 1, 1964. Records available: 1937-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	+35.1	Mar. 11, 1964	+21.3	Oct. 5, 1964	+18.4	Apr. 5, 1965	+22.3
Jan. 5, 1962	28.1	Apr. 9	20.6	Nov. 2	19.6	May 3	19.6
Mar. 6	29.9	May 28	19.3	Dec. 3	19.8	June 7	19.8
Dec. 6	28.4	July 9	18.9	Jan. 5, 1965	20.8	July 2	19.9
Mar. 7, 1963	26.3	Aug. 3	18.2	Feb. 2	20.4	Oct. 21	20.8
Aug. 27	17.6	Sept. 1	17.0	Mar. 1	21.7	Dec. 28	22.1
Dec. 16	20.2						

400859N113627.1. Local number (D-8-3)4cad-1. State application 11830. Springville Canning Co. Jetted industrial artesian well in alluvium, diam 4 in, depth 231 ft, cased to 231. Led 4,570+ ft above msl. MP top of tee, 2.20 ft above lsd. Highest water level 36.0 above lsd, Dec. 11, 1952; lowest 10.6 above lsd, Aug. 27, 1963. Records available: 1935-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	+13.1	Dec. 16, 1963	+13.9	Sept. 1, 1964	+12.0	Mar. 3, 1965	+14.2
Jan. 5, 1962	13.2	Mar. 11, 1964	14.3	Oct. 5	13.0	Apr. 5	14.4
Mar. 6	13.9	Apr. 9	12.1	Nov. 2	13.6	May 3	14.4
Dec. 6	16.8	May 28	13.0	Dec. 3	14.3	June 7	16.6
Mar. 7, 1963	16.0	July 9	14.2	Jan. 5, 1965	14.5	July 2	18.1
Aug. 27	10.6	Aug. 3	12.9	Feb. 2	14.2		

400336N114711.1. Local number (D-9-1)1cbe-2. State claim 8344. Drought Relief Administration. Drilled unused artesian well in alluvium, diam 8 in, depth 205 ft, cased to 196. Led 4,696.6 ft above msl. MP top of casing, at lsd. Highest water level 0.56 below lsd, Apr. 9, 1952; lowest 5.17 below lsd, Mar. 11, 1964. Records available: 1940-60, 1962-65. No measurement made in 1961.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1962	4.63	Mar. 11, 1964	5.17	Oct. 1, 1964	3.62	Apr. 5, 1965	3.75
Mar. 6	4.19	Apr. 9	5.09	Nov. 2	3.68	May 3	3.78
Dec. 6	3.92	June 1	4.36	Dec. 4	3.87	June 7	3.37
Mar. 12, 1963	4.45	July 9	3.91	Jan. 6, 1965	3.86	July 1	3.08
Aug. 27	3.87	Aug. 3	3.66	Feb. 1	3.75	Oct. 21	2.27
Dec. 16	4.76	Sept. 1	3.58	Mar. 1	3.68	Dec. 29	2.47

400322N114400.1. Local number (D-9-2)5dde-2. State claim 1139. Payson City Corp. Jetted unused artesian well in alluvium, diam 3 in, depth 170 ft, cased to 170. Led 4,577 ft above msl. MP top of tee, 1.00 ft above lsd. Highest water level 20.2 above lsd, Aug. 22, 1943; lowest 6.55 above lsd, July 31, 1935. Records available: 1935-60, 1962-65. No measurement made in 1961.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1962	+9.7	Apr. 9, 1964	+7.1	Nov. 2, 1964	+11.2	May 3, 1965	+10.3
Mar. 6	9.5	May 28	7.1	Dec. 4	10.6	June 7	11.4
Dec. 6	10.8	July 9	9.1	Jan. 5, 1965	10.3	July 2	12.5
Mar. 12, 1963	9.3	Aug. 3	9.0	Feb. 2	9.8	Oct. 21	13.8
Aug. 27	7.5	Sept. 1	9.9	Mar. 1	10.0	Dec. 29	13.3
Dec. 16	10.8	Oct. 1	10.7	Apr. 5	10.0		

## Wasatch County

## Heber Valley

403733N112438.1. Local number (D-2-5)20cc. Lee Bros. Dug domestic and stock water-table well in alluvium, diam 24 in, depth 29 ft, lined with rock. Led 6,021.2 ft above msl. MP top of well cover, 1.00 ft above lsd. Highest water level 18.90 below lsd, Apr. 16, 1952; lowest 29.00 below lsd, Nov. 7, 1949, Dec. 16, 1952. Records available: 1936-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1961	26.29	Mar. 6, 1963	26.17	Mar. 4, 1964	26.18	Mar. 8, 1965	25.49
Jan. 12, 1962	25.85	Aug. 30	25.80	Oct. 20	26.07	Oct. 18	25.90
Mar. 8	24.99	Dec. 9	26.50	Dec. 10	26.13	Dec. 13	25.59
Dec. 18	26.82						

403127N112403.1. Local number (D-3-5)29cac-1. Albert North. Formerly Miles Clyde. Dug domestic water-table well in alluvium, diam 4 ft, depth 15 ft, lined with rock. Led 5,608+ ft above msl. MP top of concrete platform, 1.00 ft above lsd. Highest water level 0.80 below lsd, June 24, 1949; lowest 10.82 below lsd, Mar. 9, 1942. Records available: 1936-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1961	8.62	Mar. 6, 1963	10.79	Oct. 20, 1964	5.19	July 27, 1965	1.21
Jan. 12, 1962	10.41	Aug. 30	3.49	Dec. 10	7.00	Oct. 18	5.30
Mar. 8	8.48	Dec. 9	7.59	Mar. 8, 1965	9.74	Dec. 13	7.89
Dec. 18	8.16	Mar. 4, 1964	10.60				



Washington County

## Escalante Valley

[For other wells in this valley see Beaver and Iron Counties]

373609N1134132.1. Local number (C-37-16)6ccc-1. State applications A15509 and a2298. LeRoy Adams. Drilled irrigation artesian well in alluvium, diam 14 in, depth 200 ft, cased to 200. Lsd 5,285.2 ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 76.60 below lsd, May 19, 1952; lowest 126.10 below lsd, Oct. 12, 1965. Records available: 1945, 1947-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1961	111.40	Oct. 4, 1962	120.20	Mar. 23, 1964	116.69	Mar. 15, 1965	121.01
Oct. 12	121.34	Mar. 21, 1963	114.20	Oct. 27	124.75	Oct. 12	126.10
Mar. 30, 1962	114.29						

373521N1134212.1. Local number (C-37-17)12bdc-1. Charles Sides. Drilled irrigation artesian well in alluvium, diam 14 in, depth 73 ft, cased to 73. Lsd 5,300 ft above msl. MP hole in casing, 0.50 ft above lsd. Highest water level 17.50 below lsd, May 8, 1952; lowest 42.26 below lsd, Oct. 12, 1961. Records available: 1941-65.

Mar. 23, 1961	41.08	Mar. 30, 1962	34.31	Mar. 21, 1963	39.00	Oct. 27, 1964	42.20
Oct. 12	42.26	Oct. 4	38.77	Mar. 23, 1964	41.57	Mar. 15, 1965	42.03

## Virgin River Valley

371400N1132123.1. Local number (C-41-13)7dba-1. State application 17859. Clair Sterling. Drilled unused artesian well in alluvium, diam 12 in, depth 98 ft, casing information not available. Lsd 3,460 ± ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 0.14 below lsd, June 2, 1952; lowest 13.10 below lsd, Dec. 7, 1956. Records available: 1947-62, 1965. No measurement made in 1963-64. Jan. 5, 1961, 5.48; Dec. 20, 10.30; Mar. 15, 1962, 8.09; Dec. 20, 1.40; Mar. 27, 1965, 4.85; Dec. 13, 0.78.

370650N1133802.1. Local number (C-42-16)22cba-1. State application 18001. Clyde Graff. Drilled irrigation artesian well in alluvium, diam 16 in, depth 92 ft, cased to 92. Lsd 2,725 ± ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 20.00 below lsd, Mar. 29, 1959; lowest 32.48 below lsd, Dec. 3, 1964. Records available: 1947-65.

Jan. 5, 1961	24.23	Mar. 15, 1962	24.04	Mar. 14, 1964	29.90	Mar. 27, 1965	25.66
Mar. 23	22.40	Dec. 20	26.60	Dec. 3	32.48	Dec. 13	26.84
Dec. 29	24.95	May 15, 1963	30.20				

370722N1133618.1. Local number (C-42-16)24bba-1. State application 20557. Bryon Thornton. Drilled industrial artesian well in alluvium, diam 4 in, depth 185 ft, casing information not available. Lsd 2,885 ± ft above msl. MP top of casing, 2.50 ft above lsd. Highest water level 17.13 below lsd, Dec. 20, 1961; lowest 35.43 below lsd, Dec. 2, 1965. Records available: 1949-59, 1961-62, 1964-65. No measurement made in 1963.

Mar. 21, 1961	20.10	Mar. 15, 1962	18.90	Mar. 14, 1964	19.78	Mar. 27, 1965	22.36
Dec. 20	17.13	Dec. 20	19.82	Dec. 3	22.89	Dec. 13	20.72

Wayne County

## Fremont Valley

381940N112535.1. Local number (D-28-4)36cdb-1. V. A. Lee. Drilled unused water-table well in alluvium, diam 6 in, depth 112 ft, cased to 112. Lsd 6,860 ± ft above msl. MP top of coupling, at lsd. Highest water level 8.14 below lsd, June 8, 1937; lowest 15.27 below lsd, Mar. 20, 1956. Records available: 1936-42, 1944-56, 1958-65.

Jan. 6, 1961	13.02	Sept. 12, 1961	13.60	Sept. 27, 1963	13.08	Dec. 8, 1964	13.43
Mar. 20	12.67	Apr. 4, 1962	12.39	Mar. 31, 1964	11.62	Mar. 18, 1965	12.65
May 25	12.30	Sept. 26	14.19	Sept. 25	13.51	Sept. 13	13.57
July 7	12.98	Apr. 4, 1963	11.88				

381820N113005.1. Local number (D-29-4)8bbd-1. State claim 19179. Reed Maxfield. Drilled domestic artesian well in alluvium, diam 6 in, depth 92 ft, cased to 92. Lsd 6,880 ± ft above msl. MP top of casing, 8.00 ft below lsd. Highest water level 8.72 below lsd, Sept. 25, 1964; lowest 20.33 below lsd, Mar. 16, 1953. Records available: 1948-56, 1958-64. No measurement made in 1965.

Jan. 6, 1961	15.93	July 7, 1961	11.32	Sept. 26, 1962	11.34	Sept. 27, 1963	14.89
Mar. 20	18.41	Sept. 12	13.30	Apr. 10, 1963	13.70	Sept. 25, 1964	8.72
May 25	11.32	Apr. 4, 1962	18.90				

381705N112750.1. Local number (D-29-4)15cbd. W. P. Coleman. Drilled stock artesian well in alluvium, diam 3 in, depth 192 ft, cased to 100. Lsd 7,020 ± ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 1.45 above lsd, Dec. 5, 1944; lowest 22.22 below lsd, Sept. 29, 1936. Records available: 1936-56, 1958-65.

Jan. 6, 1961	12.38	Sept. 12, 1961	12.11	Apr. 10, 1963	9.51	Sept. 25, 1964	8.36
Mar. 20	13.41	Apr. 4, 1962	7.59	Sept. 27	10.05	Dec. 8	6.59
May 25	13.69	Sept. 26	8.67	Mar. 31, 1964	11.43	Mar. 18, 1965	9.39
July 7	14.13						

Weber County

## East Shore Area

[For other wells in this area see Box Elder and Davis Counties]

410944N1120729.1. Local number (B-5-3)13ddc-1. State claim 1298. J. D. Hooper. Jetted domestic artesian well in alluvium, diam 2 to 1½ in, depth 615 ft, cased to 615. Lsd 4,242.02 ft above msl. MP top of tee, 0.70 ft above lsd. Highest water level 40.0 above lsd, May 26, 1953; lowest 12.7 above lsd, Nov. 6, 1963. Records available: 1937-65.

410944N1120729.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1961	+27.7	Sept. 14, 1961	+19.7	Oct. 2, 1962	+18.7	Sept. 6, 1963	+15.7
Feb. 3	27.4	Oct. 12	20.8	Feb. 25, 1963	24.2	Oct. 3	18.8
Mar. 3	27.7	Apr. 16, 1962	25.2	Mar. 4	23.3	Nov. 6	12.7
Apr. 7	29.1	May 7	25.7	Apr. 2	24.1	Mar. 18, 1964	23.4
May 12	27.8	June 14	25.1	May 9	23.9	Oct. 16	15.1
June 9	24.2	July 9	18.8	June 3	20.5	Mar. 19, 1965	20.0
July 7	21.3	Aug. 15	16.9	July 5	17.8	Aug. 10	13.9
Aug. 11	20.6	Sept. 7	17.9	Aug. 7	14.4		

411400N115833.1. Local number (B-6-1)29abb-1. State application 13003. Becker Products Co. Drilled unused artesian well in alluvium, diam 10 to 8 in, depth 464 ft, cased to 464. Lsd 4,295.4 ft above msl. MP concrete floor, at lsd. Highest water level 23.5 above lsd, Mar. 16, 1954; lowest 0.00, Oct. 1, 1963. Records available: 1943-65.

Water level at noon, above lsd, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+11.3	+11.3	+11.7	+11.8	+11.3	+10.7	+9.5	+7.4	+5.4	+5.0	+5.0	+5.6
10	11.8	11.5	11.9	12.0	11.3	11.0	9.5	8.8	5.3	5.0	5.1	...
15	11.3	11.6	12.0	11.9	11.3	10.6	9.1	8.4	5.1	5.0	5.1	...
20	11.5	11.5	11.9	11.7	11.5	10.6	8.8	6.0	5.1	5.2	5.3	...
25	11.4	11.6	12.0	11.4	11.2	10.1	8.4	5.9	5.2	5.3	5.5	...
Eom	11.6	11.6	12.0	11.6	11.2	9.8	7.7	5.6	4.9	5.1	5.5	...

Highest water level for the day, above lsd, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	...	+5.9	+6.4	+6.8	+7.1	+7.7	+8.0	+7.0	+6.2	+5.3	+4.8	+5.2
10	...	6.0	6.5	7.0	7.4	7.9	7.6	6.9	5.4	5.3	5.2	5.4
15	...	6.2	6.5	6.8	7.3	8.0	7.2	7.1	5.3	5.1	5.2	5.4
20	+6.0	6.3	6.5	7.0	7.6	8.0	7.3	6.8	5.4	4.8	5.2	5.5
25	+6.8	6.4	6.5	7.0	7.4	8.2	7.3	6.3	5.3	4.7	5.4	5.5
Eom	5.7	6.4	6.8	7.2	7.5	7.9	7.0	6.2	5.2	4.7	5.4	5.5

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+5.5	+5.0	+4.0	+4.26	+4.42	+4.27	...	...	...	...	...	...
10	5.8	4.6	4.0	4.34	4.22	4.25	...	...	...	...	...	...
15	...	4.38	4.26	4.41	4.27	4.3	+3.53	...	...	...	...	...
20	...	4.55	4.13	4.39	4.24	4.32	3.05	...	...	...	...	...
25	...	4.3	4.11	4.36	4.22	4.2	2.85	...	...	...	...	...
Eom	...	4.13	4.38	4.24	4.2	...	3.20	...	...	...	...	...

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 23, 1963	+1.33	Feb. 19, 1964	+2.67	June 15, 1964	+2.62	May 10, 1965	+3.94
Nov. 4	1.54	24	2.62	22	2.92		4.35
11	1.42	Mar. 9	2.54	29	3.21	June 1	4.71
18	1.46	16	2.62	July 6	3.09	7	4.71
25	1.50	23	2.83	13	2.67	14	4.79
Dec. 2	1.67	30	3.21	21	2.25	Oct. 1	0.00
9	1.83	Apr. 6	3.21	28	2.33	Nov. 10	4.35
16	1.79	13	3.21	Aug. 3	2.09	16	4.12
17	1.85	20	3.21	9	1.42	29	3.69
23	1.79	27	3.04	17	1.29	30	3.69
30	2.21	May 4	3.04	24	1.09	Dec. 5	3.38
Jan. 6, 1964	2.54	11	2.87	Sept. 8	.54	10	3.28
13	2.54	18	2.46	14	.50	15	2.92
20	2.75	25	1.92	21	.50	20	2.87
27	2.75	June 1	1.96	Apr. 27, 1965	3.42	25	2.82
Feb. 3	2.71	8	2.04	May 3	3.50	31	2.82
10	2.75						

411322N1120011.1. Local number (B-6-1)30cca-1. State claim 1030. California Packing Corp. Drilled unused artesian well in alluvium, diam 10 in, depth 756 ft, cased to 756, perforated 224-250, 526-535. Lsd 4,317.12 ft above msl. MP concrete floor, at lsd. Highest water level 26.90 below lsd, June 8, 1953; lowest 39.64 below lsd, Sept. 16, 1961. Records available: 1943-65.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.11	32.90	32.61	32.51	32.93	33.81	35.90	38.50	39.49	39.41	37.69	36.78
10	33.16	32.79	32.66	32.50	32.96	33.85	36.21	38.68	39.58	39.14	37.43	...
15	33.14	32.72	32.59	32.53	33.18	...	36.75	39.06	39.63	38.94	37.36	...
20	33.10	32.73	32.60	32.63	33.22	...	37.13	39.14	39.38	38.64	37.16	...
25	32.98	32.70	32.45	32.66	33.50	...	37.56	39.26	39.43	38.31	37.00	...
Eom	32.98	32.68	32.49	32.77	33.64	...	38.01	39.39	39.40	37.81	36.83	...

Highest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	35.25	34.99	34.65	34.72	34.63	33.76	34.20	35.09	35.39	34.99	34.83	34.80
10	35.32	34.88	34.78	34.58	...	33.74	34.33	35.23	35.27	35.00	34.84	34.66
15	...	34.84	34.78	34.60	34.48	33.88	34.25	35.22	35.27	35.05	34.81	34.59
20	34.95	34.68	34.65	34.72	34.19	33.94	34.33	35.35	35.13	34.99	34.73	34.54
25	35.03	34.62	34.71	34.70	33.89	34.03	34.61	35.54	35.20	34.96	34.81	34.49
Eom	35.04	34.71	34.72	34.57	33.77	34.18	34.86	35.40	35.17	34.91	34.73	34.43

411322N1120011,1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	34.42	34.14	34.23	34.22	33.96	33.67	34.23	35.54	36.07	35.81	35.79	.....
10	34.27	32.03	34.24	34.18	33.88	33.53	33.36	35.59	35.93	36.00	35.84	.....
15	34.32	34.15	34.15	34.09	33.95	33.53	34.54	35.78	35.79	35.90	34.73	35.74
20	.....	34.15	34.30	34.03	34.01	33.72	34.81	35.86	35.78	35.86	35.73	35.68
25	34.22	34.21	.....	34.01	33.93	33.91	35.03	36.07	36.83	35.85	35.84	35.66
Eom	34.06	34.23	34.17	33.95	33.92	34.07	35.34	36.11	35.83	35.89	35.82	.....

1964												
5	35.41	34.99	35.02	34.81	34.63	35.07	35.00	35.96	37.03	37.12	36.93	36.78
10	35.25	35.02	35.10	34.81	34.69	34.85	35.22	36.07	37.42	37.08	36.76	36.80
15	35.24	35.00	35.15	34.92	34.71	34.87	35.30	36.21	37.50	37.05	36.80	36.72
20	35.02	35.10	35.17	34.84	34.97	34.85	35.61	36.35	37.34	37.10	36.85	36.65
25	35.02	35.08	35.15	34.80	35.20	34.74	35.76	36.46	37.19	37.00	36.75	36.68
Eom	35.02	35.03	34.90	34.82	35.12	34.84	35.77	36.49	37.18	36.92	36.77	36.42

1965												
5	36.48	35.93	35.93	35.80	35.67	35.07	35.22	35.63	35.59	36.34	35.33	35.47
10	36.34	35.87	35.98	35.69	35.51	35.06	35.29	35.74	35.46	35.49	35.44	35.41
15	36.23	35.85	36.01	35.69	35.53	34.91	35.42	35.97	35.35	35.48	35.49	35.47
20	36.20	35.89	36.02	35.65	35.33	34.89	35.35	35.87	35.33	35.44	....	35.63
25	36.14	35.91	35.93	35.60	35.11	34.87	35.47	35.59	35.24	35.35	35.35	35.56
Eom	36.00	35.81	35.84	35.67	34.91	34.94	35.66	35.68	35.38	35.36	35.42	35.57

411730N1120102,1. Local number (B-6-2)1baa-3. State application 14082. J. D. Brown. Jetted domestic and stock artesian well in alluvium, diam 2 in, depth 617 ft, cased to 617. Lsd 4,276.8 ft above msl. MP top of tee, 1.50 ft above lsd. Highest water level 41.0 above lsd, Dec. 11, 1943, Apr. 7, 1947; lowest 15.0 above lsd, Oct. 18, 1964. Records available: 1943-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7, 1961	+27.8	Feb. 27, 1963	+24.9	Oct. 18, 1964	+15.0	Aug. 11, 1965	+16.2
July 13	21.6	Dec. 17	19.3	Dec. 7	17.1	Oct. 12	19.8
Oct. 18	24.3	Mar. 20, 1964	22.2	Feb. 26, 1965	19.2	Dec. 16	21.8
Mar. 12, 1962	24.5						

411606N1120139,1. Local number (B-6-2)1dad-1. State claim 5613. Jerome Wheeler. Jetted stock artesian well in alluvium, diam 2 in, depth 285 ft, cased to 285. Lsd 4,241.62 ft above msl. MP top of ell, 3.20 ft above lsd. Highest water level 27.4 above lsd, Feb. 26, Mar. 26, May 26, 1953; lowest 11.3 above lsd, Nov. 7, 1957. Records available: 1937-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8, 1961	+22.2	Feb. 27, 1963	+20.2	Dec. 7, 1964	+17.8	Aug. 11, 1965	+13.9
July 13	19.6	Dec. 17	18.0	Feb. 26, 1965	16.2	Oct. 11	19.4
Oct. 19	19.4	Mar. 19, 1964	19.1	Mar. 19	16.9	Dec. 16	19.0
Mar. 12, 1962	18.5	Oct. 19	17.7				

411406N1120935,1. Local number (B-6-3)26bbb-1. State claim 7505. Don Wilson. Jetted domestic and stock artesian well in alluvium, diam 2 in, depth 512 ft, cased to 512. Lsd 4,219.3 ft above msl. MP top of tee, 1.50 ft above lsd. Highest water level 33.5 above lsd, May 1, 1940; lowest 13.9 above lsd, Feb. 25, 1965. Records available: 1935-57, 1959-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 19, 1961	+20.6	Dec. 16, 1963	+15.4	Feb. 25, 1965	+13.9	Oct. 11, 1965	+17.2
Mar. 12, 1962	19.5	Mar. 19, 1964	20.8	Mar. 29	15.6	Dec. 16	18.7
Feb. 26, 1963	18.6	Dec. 8	16.3	Aug. 10	16.9		

411748N115744,1. Local number (B-7-1)33baa-5. State claim 16832. J. P. Spackman. Jetted irrigation artesian well in alluvium, diam 4 in, depth 129 ft, cased to 126. Lsd 4,489 ft above msl. MP top of reducer, 1.00 ft above lsd. Highest water level 36.4 above lsd, July 28, 1952; lowest 3.2 above lsd, July 12, 1961. Records available: 1943-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1961	+12.5	Oct. 18, 1961	+5.8	Mar. 20, 1964	+10.7	Aug. 11, 1965	+18.7
Mar. 7	12.0	Mar. 12, 1962	5.7	Oct. 18	24.1	Oct. 12	21.8
June 9	4.9	Feb. 27, 1963	12.9	Dec. 8	27.8	Dec. 16	29.6
July 12	3.2	Dec. 16	12.6	Mar. 10, 1965	21.8		

411806N1120515,1. Local number (B-7-2)32aca-1. State application 15170. Dean Baker. Jetted stock artesian well in alluvium, diam 2 in, depth 630 ft, cased to 630. Lsd 4,236+ ft above msl. MP top of tee, 1.62 ft above lsd. Highest water level 39.8 above lsd, May 27, 1953; lowest 15.2 above lsd, Oct. 19, 1964. Records available: 1945-60, 1963-64. No measurement made in 1961-62. Measurement discontinued. Feb. 26, 1963, 26.1; Dec. 16, 18.0; Mar. 19, 1964, 21.7; Oct. 19, 15.2; Dec. 7, 21.4.

## Ogden Valley

411616N114832,1. Local number (A-6-1)11cab-1. U.S. Geol. Survey. Drilled observation artesian well in alluvium, diam 8 in, depth 354 ft, cased to 354 with a wooden plug at 210 ft, separating upper aquifer from lower aquifer (water levels are from upper aquifer). Lsd 4,916 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 13.47 below lsd, June 22, 1964; lowest 70.84 below lsd, Dec. 16, 1956. Records available: 1953-65.

Water level at noon, from recorder graph, 1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	61.05	58.91	55.86	53.01	54.87	51.73	.....	.....	.....	.....	60.86	60.68
10	58.73	58.67	55.55	52.45	60.46	.....	.....	.....	.....	.....	63.67	60.48
15	60.57	58.35	55.12	51.86	.....	.....	.....	.....	.....	.....	.....	60.27
20	59.73	58.13	54.37	53.58	52.60	.....	.....	.....	.....	.....	61.90	60.05
25	59.34	57.78	54.00	53.25	58.73	.....	.....	57.25	.....	64.38	61.22	59.65
Eom	59.10	57.50	53.46	54.76	53.99	.....	.....	.....	.....	64.05	61.05	59.35

411616N1114832,1--Continued.

Highest water level for the day, from recorder graph, 1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	55.97	.....	45.57	.....	28.52	23.68	40.80	42.68	55.12	47.84	44.30	43.54
10	55.63	.....	45.02	.....	33.92	23.42	43.80	46.50	60.46	48.37	43.98	43.41
15	55.29	49.12	.....	.....	24.48	25.72	32.02	49.85	53.36	46.37	43.92	45.18
20	54.95	47.40	.....	37.78	24.97	30.50	43.72	54.64	58.00	45.70	43.88	44.38
25	54.60	46.50	.....	30.28	24.88	34.54	35.58	48.50	58.10	45.70	43.73	44.27
Eom	54.38	46.16	.....	28.42	24.24	33.72	41.03	56.58	55.00	45.95	43.67	44.15
1963												
5	43.92	39.96	39.90	34.74	39.00	26.50	26.07	35.00	28.05	35.83	37.75	37.48
10	43.77	39.39	37.14	33.55	40.67	22.75	26.00	33.22	34.50	.....	36.60	37.15
15	44.14	39.00	36.66	33.28	41.18	19.72	26.45	27.17	28.82	.....	36.37	36.62
20	44.13	37.13	36.48	34.45	33.25	28.10	33.00	23.75	39.20	.....	37.19	39.29
25	42.83	36.80	36.13	36.13	30.03	31.76	33.95	28.07	42.70	38.12	36.73	38.26
Eom	41.67	36.62	35.25	36.90	33.85	29.61	33.80	25.65	40.55	38.01	36.52	38.12
1964												
5	38.19	38.60	40.37	40.90	.....	.....	15.70	36.78	36.85	.....	.....	38.52
10	38.87	38.44	40.86	39.64	.....	.....	17.70	36.80	36.85	.....	.....	38.72
15	38.24	38.80	41.28	38.33	.....	.....	17.23	36.80	36.97	42.25	.....	38.97
20	38.15	39.20	41.95	.....	.....	.....	21.18	36.90	39.21	42.30	37.82	39.37
25	38.18	39.63	41.42	.....	.....	14.77	.....	.....	.....	.....	38.27	36.52
Eom	38.48	39.98	41.19	.....	.....	.....	35.13	36.84	.....	.....	38.54	34.05
1965												
5	33.15	31.15	33.85	33.31	31.12	42.27	.....	.....	.....	.....	30.61	29.03
10	32.70	30.85	33.84	32.40	32.69	41.90	.....	.....	.....	.....	30.52	29.06
15	32.14	32.18	33.80	31.57	43.29	41.55	29.30	25.65	.....	30.72	30.25	29.21
20	31.75	33.30	34.19	31.12	44.05	41.52	.....	.....	.....	.....	29.91	29.58
25	31.57	33.92	34.19	31.12	43.10	39.08	.....	.....	.....	30.90	39.31	29.81
Eom	31.20	33.85	34.13	31.12	42.52	.....	.....	.....	.....	30.76	29.05	29.94

411633N1114644,1. Local number (A-6-1)12aad-1 (previously reported 12aa-1). City of Ogden. Drilled unused artesian well in alluvium, diam 8 in, depth 108 ft, cased to 108. Lsd 4,880 ft above msl. MP top of metal plate on casing, at lsd. Highest water level 12.0 above lsd, June 20, 1957; lowest 14.36 below lsd, Oct. 6, 1934. Records available: 1932-62, 1964. No measurement made in 1963 or 1965. Aug. 24, 1961, -4.45; Oct. 25, -6.21; Dec. 18, 1962, +8.1; Oct. 18, 1964, +10.0; Dec. 8, +9.7.

## References

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- Smith, R. E., 1961, Records and water-level measurements of selected wells and chemical analyses of ground water, East Shore area, Davis, Weber, and Box Elder Counties, Utah: U.S. Geol. Survey open-file rept., (duplicated as Basic-Data Rept. No. 1) 35 p.
- Subitzky, S., 1962, Records of selected wells and springs, selected drillers' logs of wells, and chemical analyses of ground and surface waters, Northern Utah Valley, Utah County, Utah: U.S. Geol. Survey open-file rept., (duplicated as Basic-Data Rept. No. 2) 14 p.

# WASHINGTON

The State-Federal observation-well program in Washington was continued during the period 1961 through 1965 in cooperation with the U. S. Bureau of Reclamation and the Washington State Division of Water Resources. Figure 8 shows the location of observation wells included in this report.

## Well-Numbering System

Wells are numbered in accordance with the Bureau of Land Management's system of land subdivision. For example, in the well number 25/43-15P1, the part before the hyphen indicates township and range (T. 25 N., R. 43 E.) north and west of the Willamette base line, the letter N indicating north is omitted. The letter E is omitted for those ranges east of the Willamette meridian, but W is included when the range lies west of the Willamette meridian. The first digit after the hyphen indicates the section (sec. 15); the letter P gives the 40-acre subdivision of the section. The last digit is the serial number of the well in that particular 40-acre tract. Thus, the first well recorded in the SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 15, T. 25 N., R. 43 E. would have the number 25/43-15P1. The diagram below shows the 40-acre subdivision of a section.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

### Benton County

461242N1190820.1. Local number 8/29-1D1. Martin G. Garber. Kennewick. Dug domestic water-table well in gravel, diam 4 ft, depth 75 ft, lined with concrete to 75. Lsd about 402 ft above msl. MP top south side of concrete curb, 0.80 ft above lsd. Highest water level 61.87 below lsd, Aug. 10, 1948; lowest 68.42 below lsd, Jan. 17, 1958. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1961	66.93	July 30, 1962	64.80	Sept. 28, 1963	67.12	Jan. 25, 1965	66.24
Mar. 22	67.31	Sept. 24	64.13	Nov. 23	65.34	Mar. 29	67.40
July 19	64.18	Nov. 26	65.27	Mar. 22, 1964	67.44	June 7	65.74
Sept. 25	64.08	Jan. 28, 1963	66.98	May 22	66.18	Aug. 24	65.22
Dec. 2	65.66	Apr. 5	67.38	July 27	64.89	Sept. 28	65.18
Jan. 23, 1962	66.47	June 1	66.26	Sept. 28	64.78	Oct. 29	64.88
Mar. 20	67.15	July 25	65.17	Nov. 18	65.46	Dec. 7	65.62
May 25	65.56						

461129N1190427.1. Local number 8/30-9E1. E. Dague. Dug and drilled domestic water-table well in sand and gravel, diam 8 in, depth 33 ft, cased to 33. Lsd about 350 ft above msl. MP top of concrete curb, 0.50 ft above lsd. Highest water level 18.22 below lsd, Oct. 5, 1950; lowest 26.28 below lsd, Aug. 21, 1958. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1961	23.93	May 25, 1962	22.73	Sept. 28, 1963	22.31	Jan. 25, 1965	23.48
Mar. 22	24.30	July 30	a23.66	Nov. 23	23.38	Mar. 29	23.71
July 19	20.87	Nov. 26	23.12	Mar. 22, 1964	23.62	June 7	22.32
Sept. 25	21.47	Jan. 28, 1963	23.58	May 22	22.84	Aug. 24	21.34
Dec. 2	23.58	Apr. 5	23.93	July 27	a24.20	Sept. 28	21.71
Jan. 23, 1962	24.13	June 1	a24.19	Sept. 28	22.22	Oct. 29	23.04
Mar. 20	24.79	July 25	22.34	Nov. 18	23.39	Dec. 7	23.30

a Well being pumped.

### Chelan County

473110N120825.1. Local number 23/19-4E2. City of Cashmere. Sunset Ave. and Paton St. Dug public-supply water-table well in sand and gravel, diam 6 ft, depth 28 ft, lined with concrete. Lsd about 784 ft above msl. MP top of concrete deck at southeast corner of manway, at lsd. Highest water level 11.43 below lsd, Feb. 8, 1956; lowest 20.67 below lsd, Aug. 16, 1963. Records available: 1945-65. Measurements made by City of Cashmere.

473110N1202825.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1961	19.51	June 4, 1962	16.78	Dec. 20, 1963	18.45	Mar. 19, 1965	16.45
13	19.43	11	17.05	30	18.52	22	16.54
20	18.98	18	16.91	Jan. 6, 1964	18.28	26	16.74
30	18.73	24	17.06	10	18.37	29	16.77
Feb. 6	19.08	28	17.11	17	18.55	Apr. 2	16.90
10	18.39	July 2	17.21	24	18.08	5	16.93
17	17.93	6	17.26	31	18.50	9	16.92
24	17.35	13	17.44	Feb. 7	18.52	12	16.97
Mar. 3	17.59	20	17.70	14	18.50	16	16.95
10	17.84	24	17.71	21	18.12	19	16.87
17	17.23	30	17.87	28	17.82	23	16.61
24	16.60	Aug. 3	17.85	Mar. 6	17.95	26	16.58
31	15.98	10	17.89	13	17.80	30	16.55
Apr. 3	15.49	17	18.00	20	17.90	May 3	16.72
7	15.62	24	18.23	30	17.92	7	17.04
14	15.95	31	18.54	Apr. 6	17.55	10	17.19
21	16.28	Sept. 3	18.73	13	17.73	14	17.43
28	16.19	10	18.90	17	17.96	17	17.29
May 1	15.96	18	18.67	24	18.15	21	17.28
5	15.98	24	19.01	27	17.95	24	17.09
12	16.08	Oct. 1	18.85	May 4	18.00	28	17.39
19	15.94	8	18.73	11	17.36	31	17.42
29	16.18	19	18.61	18	17.12	June 4	17.42
June 5	16.19	29	18.75	25	17.10	7	17.60
12	16.60	Nov. 2	18.76	29	16.86	11	17.59
16	16.60	9	18.92	June 5	17.00	14	17.43
23	16.59	16	18.88	11	16.58	18	17.55
26	16.59	23	18.53	15	16.90	21	17.47
July 7	16.91	30	18.65	19	17.20	25	17.75
14	17.14	Dec. 3	18.74	22	17.21	28	17.58
21	17.45	10	18.89	29	17.58	July 2	17.83
30	17.88	17	18.59	July 6	17.57	5	18.14
Aug. 7	17.98	24	18.50	13	17.85	9	18.54
11	17.90	Jan. 4, 1963	18.10	20	16.70	12	18.64
18	18.29	11	18.57	27	17.10	16	18.79
25	18.23	18	18.10	31	17.59	19	18.83
28	18.78	25	18.23	Aug. 7	17.76	23	18.84
Sept. 4	18.59	31	18.57	14	17.69	26	18.93
11	18.80	Feb. 4	17.94	21	18.72	30	19.03
17	18.79	11	17.74	28	18.65	Aug. 2	19.14
25	18.82	18	17.63	31	18.53	6	19.15
29	18.61	25	17.58	Sept. 4	18.60	9	19.16
Oct. 6	18.57	Mar. 3	17.55	11	18.30	13	19.17
13	18.68	11	17.69	18	18.20	16	20.02
20	18.69	18	17.58	25	17.80	20	20.06
23	18.80	25	17.61	28	17.98	23	19.70
29	18.90	29	17.67	Oct. 5	17.43	29	19.00
Nov. 6	19.05	Apr. 5	17.77	16	16.65	30	18.80
10	19.15	12	17.57	23	17.32	Sept. 3	18.93
17	19.28	19	17.33	30	17.47	6	18.92
20	19.36	29	17.12	Nov. 6	17.72	10	18.90
27	19.06	May 6	17.63	16	17.98	13	19.04
Dec. 4	19.29	13	17.65	23	18.02	17	18.66
11	19.33	20	17.90	30	18.11	20	18.54
18	18.91	30	18.55	Dec. 4	17.99	24	18.37
26	19.23	June 7	18.74	12	18.15	27	18.41
Jan. 1, 1962	19.32	14	18.58	18	18.20	Oct. 1	18.33
5	19.32	21	18.94	25	18.10	4	18.20
12	18.95	28	18.91	Jan. 1, 1965	15.13	8	18.17
15	18.50	July 5	19.23	4	16.18	11	17.95
19	17.01	8	18.30	8	16.48	15	17.93
26	14.41	15	18.95	11	16.96	18	17.88
Feb. 2	17.46	22	19.35	15	17.33	22	17.80
9	17.60	29	19.12	18	17.44	25	17.95
16	17.56	Aug. 5	19.97	22	17.55	29	17.88
23	17.54	9	20.37	25	17.66	Nov. 1	17.85
Mar. 2	17.74	16	20.67	29	17.19	5	17.66
9	18.06	23	19.98	Feb. 1	16.34	8	17.59
16	17.86	30	19.61	5	16.42	13	17.59
23	17.76	Sept. 6	19.31	8	16.43	15	17.48
30	17.21	13	19.42	12	16.45	19	17.48
Apr. 2	16.91	20	19.52	15	16.45	22	17.48
9	16.28	27	19.80	19	16.21	26	17.55
16	16.32	Oct. 4	19.00	22	15.79	29	17.58
23	16.69	11	18.65	26	15.86	Dec. 3	17.60
27	16.76	18	18.60	Mar. 1	15.87	6	17.56
May 1	16.64	25	18.55	5	15.48	10	17.56
7	16.58	Nov. 18	18.52	8	15.96	13	17.57
14	16.61	29	18.35	12	16.09	17	17.60
21	16.75	Dec. 6	18.43	15	16.18	23	17.70
31	16.57	13	18.43				

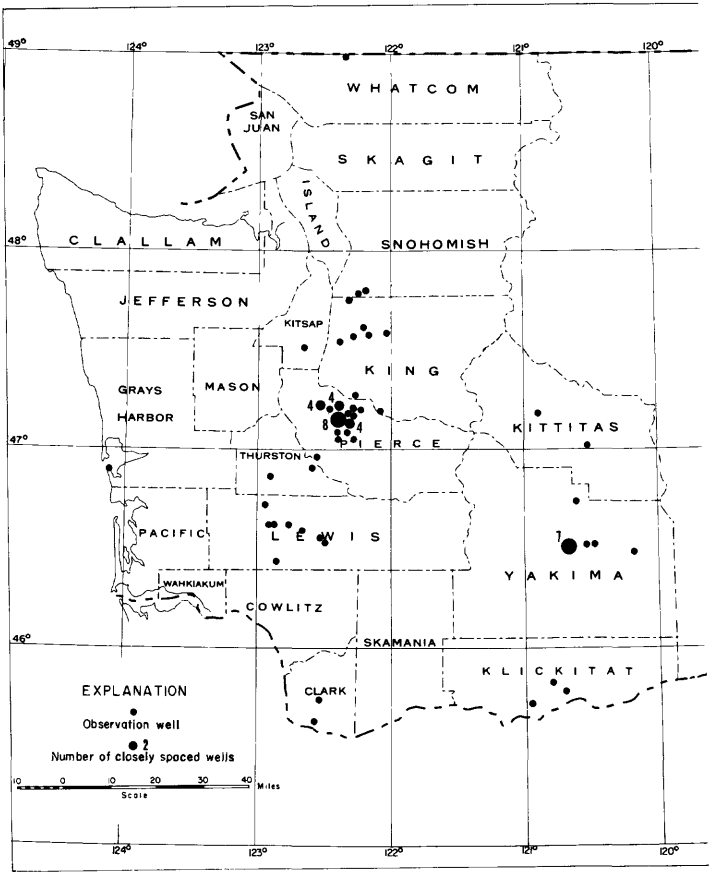
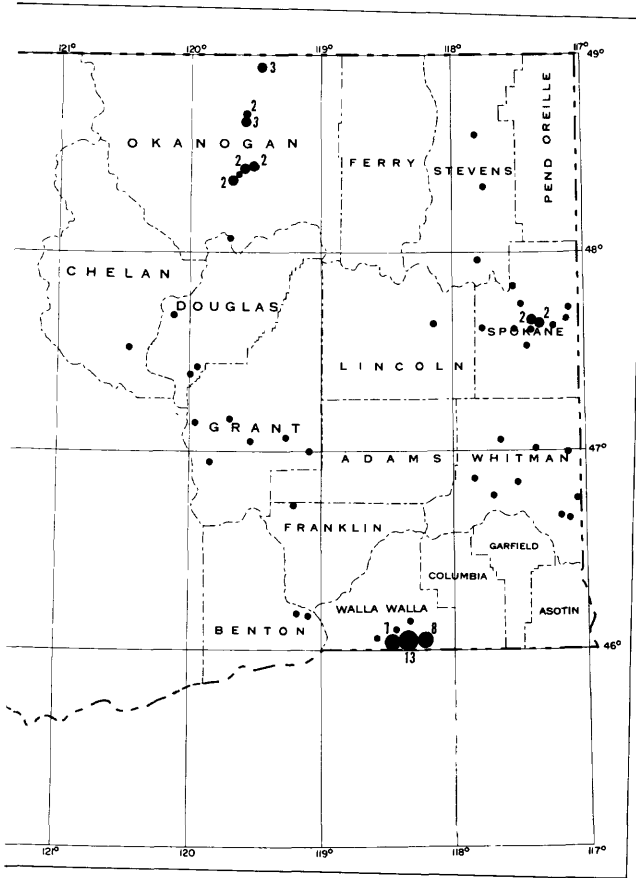


Figure 8. ---Location of observation



wells in Washington, 1961-65.



Clark County

453719N1223624.1. Local number 2/2-30Q1. James E. Hutton. Formerly City of Vancouver. Drilled unused water-table well in unknown aquifer (previously reported tapping Troutdale Formation of early Pliocene age), diam 12 in, reported depth 257 ft, cased to 257. Lsd about 298 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 215.17 below lsd, Apr. 5, 1965; lowest 218.38 below lsd, Dec. 5, 1960. Records available: 1955-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	217.69	May 21, 1962	217.00	July 29, 1963	217.26	Apr. 5, 1965	215.17
Mar. 21	217.23	July 19	217.32	Oct. 2	217.62	May 3	215.85
Aug. 1	217.06	Sept. 18	217.83	Nov. 26	217.54	June 23	216.27
Oct. 2	217.73	Dec. 3	217.70	Mar. 17, 1964	217.16	Sept. 2	217.72
Dec. 4	217.68	Jan. 21, 1963	217.51	May 26	216.62	Oct. 17	217.42
Jan. 22, 1962	217.37	Apr. 2	217.34	July 23	216.66	Dec. 6	217.72
Mar. 19	217.10	May 27	216.95	Sept. 22	217.54		

454645N1223232.1. Local number 3/2-3B2. Town of Battleground. Drilled unused water-table well in gravel, diam 12 in, depth 153 ft, cased to 153. Lsd about 284 ft above msl. MP top northwest side of casing, 1.50 ft above lsd. Highest water level 44.25 below lsd, May 23, 1960; lowest 58.21 below lsd, Sept. 2, 1965. Records available: 1955-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 14, 1955	49.08	Feb. 24, 1959	49.96	Mar. 21, 1961	46.53	July 29, 1963	56.21
Apr. 28, 1956	47.81	Apr. 21	50.92	Aug. 1	54.87	Oct. 2	56.86
Aug. 7	51.97	June 23	51.57	Oct. 2	55.39	Nov. 26	55.13
Oct. 22	53.04	Aug. 24	55.92	Dec. 4	54.41	Mar. 17, 1964	48.09
Aug. 21, 1957	55.57	Oct. 24	52.85	Jan. 22, 1962	54.87	May 26	55.26
Oct. 22	53.26	Nov. 27	51.07	Mar. 19	53.78	July 23	56.96
Nov. 21	53.13	Jan. 21, 1960	49.69	May 21	49.98	Sept. 22	57.03
Dec. 14	52.87	Mar. 25	49.05	July 19	54.99	Apr. 5, 1965	54.25
Feb. 19, 1958	47.70	May 23	44.25	Sept. 18	56.09	May 3	54.94
Apr. 23	47.00	July 28	45.60	Dec. 3	47.71	June 23	55.37
June 23	48.10	Oct. 7	54.25	Jan. 21, 1963	52.34	Sept. 2	58.21
Aug. 20	55.58	Dec. 5	51.33	Apr. 1	46.39	Oct. 17	58.07
Oct. 24	54.31	Jan. 30, 1961	50.60	May 27	55.10	Dec. 9	57.69
Dec. 14	51.87						

c. Nearby well being pumped.

Douglas County

472300N1195600.1. Local number 22/23-22C1. Roy Gutschow. Drilled irrigation water-table well in unknown aquifer, diam 10 in, depth 122 ft, casing unknown. Lsd 1,700 ft above msl. MP top of casing under pump, 0.80 ft above lsd. Highest water level 107.84 below lsd, Mar. 9, 1965; lowest 114.50 below lsd, Oct. 2, 1964. Records available: 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 30, 1963	111.27	May 19, 1964	110.13	Mar. 9, 1965	107.84	Aug. 25, 1965	109.81
Nov. 18	110.23	July 30	113.95	Apr. 20	a108.62	Sept. 22	111.27
Jan. 20, 1964	110.15	Oct. 2	114.50	June 2	a110.94	Nov. 1	111.44
Mar. 26	109.55	Nov. 10	109.85	July 14	a116.10	30	109.23

a. Well being pumped.

472600N1195200.1. Local number 23/23-36H1. Palisades Irrigation District. Dug unused water-table well in gravel, diam 40 to 72 in, depth 152 ft, lined with concrete to 152. Lsd about 1,035 ft above msl. MP top of I-beam pump support, 3.00 ft above lsd. Highest water level 134.44 below lsd, June 29, 1959; lowest 144.31 below lsd, Sept. 22, 1965. Records available: 1943, 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	138.81	July 24, 1962	139.96	Nov. 18, 1963	141.82	Mar. 9, 1965	140.64
Mar. 28	136.90	Sept. 26	140.98	Jan. 20, 1964	140.39	Apr. 20	140.73
July 23	140.57	Nov. 27	140.19	Mar. 26	140.11	June 3	142.12
Sept. 29	141.91	Jan. 26, 1963	138.98	May 19	140.01	July 14	142.13
Nov. 27	140.20	Mar. 24	138.64	July 30	142.46	Aug. 25	144.02
Jan. 31, 1962	139.08	May 30	139.53	Oct. 2	143.53	Sept. 22	144.31
Mar. 29	138.47	July 22	140.91	Nov. 10	143.11	Nov. 1	143.80
May 28	139.50	Sept. 30	142.17	Feb. 1, 1965	143.17	30	143.28

473844N1202412.1. Local number 25/22-21J1. City of Waterville, well 2. Drilled unused water-table well in basalt, diam 10 in, depth 591 ft, cased to 536, perforated 30-45. Lsd about 2,620 ft above msl. MP top of casing, at lsd. Highest water level 22.71 below lsd, Apr. 29, 1959; lowest 100.25 below lsd, July 12, 1965. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	26.76	July 24, 1962	71.83	Nov. 18, 1963	40.03	Feb. 1, 1965	53.37
Mar. 28	25.66	Sept. 22	58.17	Jan. 20, 1964	32.11	Mar. 13	65.42
July 24	59.26	Nov. 28	29.62	Mar. 26	30.00	Apr. 26	50.63
Sept. 28	49.98	Jan. 25, 1963	28.26	May 19	45.10	June 1	82.78
Nov. 28	29.46	Mar. 25	28.03	July 29	94.02	July 12	100.25
Jan. 30, 1962	27.79	May 30	66.35	Oct. 2	77.97	Aug. 27	81.45
Mar. 28	26.06	July 22	78.43	Nov. 10	52.33	Oct. 4	74.91
May 28	28.71	Sept. 24	68.33	Dec. 14	44.69	Nov. 15	52.95

480434N1194354.1. Local number 30/25-29D1. Roy G. Westerdahl. Dug irrigation water-table well in sand and gravel, diam 42 in, depth 47 ft, lined with concrete to 47. Lsd about 794 ft above msl. MP top of concrete curbing, 1.50 ft above lsd. Highest water level 22.02 below lsd, June 25, 1956; lowest 40.02 below lsd, Jan. 21, 1964. Records available: 1954-65.

480434N1194354.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 20, 1954	38.08	Oct. 27, 1957	38.53	Jan. 23, 1961	39.64	Mar. 26, 1964	39.96
Feb. 25, 1955	39.01	Dec. 19	39.84	Mar. 27	37.10	Oct. 2	36.04
Apr. 29	39.05	Feb. 26, 1958	39.10	Nov. 28	38.47	Nov. 12	36.83
June 24	37.42	Apr. 28	37.27	Jan. 30, 1962	38.50	Dec. 12	37.73
Aug. 21	a34.15	Oct. 19	39.11	Mar. 28	39.65	Jan. 12, 1965	38.19
Oct. 26	37.35	Dec. 20	38.75	May 28	a40.47	Feb. 23	37.59
Dec. 21	38.54	Mar. 2, 1959	38.13	Sept. 21	38.29	Apr. 5	37.77
Feb. 24, 1956	39.35	Apr. 28	36.17	Nov. 28	38.51	May 17	a38.10
Apr. 25	35.47	Nov. 1	34.18	Jan. 25, 1963	38.18	June 17	a33.74
June 25	22.02	Dec. 1	35.15	Mar. 29	38.82	Aug. 2	a33.90
Aug. 21	a33.96	Jan. 26, 1960	37.02	July 23	a34.86	Sept. 13	35.65
Oct. 27	37.17	Mar. 30	38.08	Sept. 24	38.52	Oct. 28	37.33
Dec. 14	38.85	Sept. 27	36.81	Nov. 18	38.41	Dec. 9	38.34
Apr. 23, 1957	39.60	Nov. 28	37.89	Jan. 21, 1964	40.02		

a Well being pumped.

Franklin County

464339N1190646.1. Local number 14/29-1R1. Herman Khuns. Drilled stock water-table well in basalt, diam 6 in, depth 265 ft, cased. Lsd about 910 ft above msl. MP 3/8-in hole in east side of casing, 0.50 ft above lsd. Highest water level 38.84 below lsd, Dec. 28, 1965; lowest 187.46 below lsd, Nov. 26, 1951. Records available: 1950-65.

Feb. 8, 1961	52.14	Nov. 25, 1962	43.03	Oct. 27, 1963	40.91	Dec. 1, 1964	42.03
Apr. 26	52.99	Dec. 20	47.41	Nov. 22	41.36	Jan. 27, 1965	39.71
June 21	48.44	Jan. 28, 1963	43.62	Feb. 25, 1964	44.65	Feb. 25	39.53
Sept. 22	46.00	Feb. 25	43.58	Mar. 22	40.80	Mar. 24	39.74
Nov. 19	47.25	Apr. 4	43.60	Apr. 20	43.21	Apr. 27	39.77
Jan. 25, 1962	46.60	29	43.34	May 24	42.13	May 25	39.70
Mar. 22	47.97	June 1	42.99	June 23	41.40	June 22	39.48
May 24	45.82	27	42.71	July 26	41.12	Sept. 21	38.91
July 30	45.91	July 27	42.47	Aug. 24	41.01	Oct. 26	39.11
Sept. 23	43.45	Aug. 24	42.11	Sept. 27	44.43	Dec. 1	38.99
Oct. 25	47.15	Sept. 28	40.79	Oct. 29	39.57	28	38.84

Grant County

470022N1190238.1. Local number 18/30-34M1. Rulon Hanson. Drilled unused water-table well in basalt, diam 6 in, depth 147 ft, cased. Lsd about 1,175 ft above msl. MP top south side of casing, 0.40 ft above lsd. Highest water level 45.59 below lsd, Nov. 30, 1965; lowest 108.70 below lsd, Oct. 29, 1947. Records available: 1943-65.

Jan. 10, 1961	52.42	July 27, 1962	a51.01	Oct. 26, 1963	46.20	Feb. 25, 1965	51.26
Feb. 8	52.91	Sept. 25	50.13	Dec. 18	48.56	Mar. 22	51.38
Mar. 8	53.41	Oct. 28	a50.97	Feb. 25, 1964	50.90	Apr. 26	51.73
Apr. 25	55.06	Nov. 24	50.31	Mar. 19	51.36	May 24	a56.26
May 24	a58.78	Dec. 18	51.27	Apr. 21	52.10	June 21	48.95
June 20	54.74	Jan. 28, 1963	a49.81	May 23	52.12	July 26	47.03
July 23	54.23	Feb. 27	b48.73	June 25	b52.93	Aug. 23	45.82
Sept. 22	53.47	May 31	b47.39	July 26	52.08	Sept. 20	a52.67
Nov. 21	49.84	June 29	a49.65	Aug. 26	b52.41	Oct. 25	46.10
Jan. 22, 1962	51.88	July 27	a48.20	Oct. 29	49.57	Nov. 30	45.59
Mar. 23	54.88	Aug. 26	b47.81	Dec. 3	49.92	Dec. 29	50.41
May 24	55.21	Sept. 29	46.23	Jan. 25, 1965	51.90		

a Well being pumped.

b Well pumped recently.

470608N1193315.1. Local number 19/26-34D1. L. Boardwell. Formerly E. B. Cole. Drilled stock water-table well in sand, diam 6 in, depth unknown (well deepened), cased to 95. Lsd about 1,172 ft above msl. MP top edge of 1/2-in ho'e in south side of casing, 0.67 ft above lsd. Highest water level 78.31 below lsd, July 26, 1963; lowest 107.56 below lsd, Jan. 21, 1960. Records available: 1939-63, 1965. No measurement made in 1964.

Jan. 9, 1961	88.78	Nov. 20, 1961	86.32	Apr. 24, 1962	84.79	Jan. 29, 1963	80.40
Mar. 7	89.48	Dec. 19	86.14	June 18	84.25	Mar. 21	79.00
Apr. 23	93.04	Jan. 26, 1962	85.88	July 27	83.66	June 2	78.51
July 22	95.38	Feb. 27	85.78	Sept. 22	82.78	July 26	78.31
Aug. 21	94.89	Mar. 21	85.79	Nov. 27	82.36	Nov. 30, 1965	82.57
Oct. 28	87.05						

470619N1191445.1. Local number 19/28-25L1. Bill Hattori. Drilled unused water-table well in basalt, diam 12 in, depth 500 ft, cased to 95. Lsd about 1,192 ft above msl. MP top east side of casing, at lsd (since Sept. 18, 1959). Highest water level 41.91 below lsd, Sept. 22, 1965; lowest 180.30 below lsd, Sept. 19, 1950. Records available: 1949-65.

Jan. 10, 1961	44.34	Nov. 21, 1961	42.91	May 31, 1963	45.88	Oct. 27, 1964	42.00
Feb. 8	44.74	Jan. 24, 1962	44.44	July 26	44.63	Dec. 2	42.85
Mar. 8	45.04	Mar. 23	45.67	Sept. 30	43.02	Jan. 29, 1965	44.54
Apr. 25	45.33	May 24	45.56	Nov. 23	43.36	Mar. 23	45.20
May 23	45.55	July 27	44.63	Mar. 20, 1964	45.98	May 26	44.46
June 20	44.99	Sept. 25	43.01	May 23	46.18	July 29	43.00
July 23	44.59	Nov. 24	43.25	July 26	45.84	Sept. 22	41.91
Sept. 20	42.29	Jan. 26, 1963	44.72	Sept. 25	42.30	Nov. 30	42.96

471142N1195630.1. Local number 20/23-28J1. L. E. Weber. Formerly George Weber. Drilled domestic and stock water-table well in basalt, diam 6 in, depth 446 ft, cased to 265. Lsd about 1,380 ft above msl. MP 1/2-in hole in southwest side of pump-base, 0.38 ft above lsd. Highest water level 69.51 below lsd, Nov. 30, 1965; lowest 270.78 below lsd, Nov. 22, 1954. Records available: 1949-65.

471142N1195630, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1961	89.04	May 24, 1962	84.11	Sept. 30, 1963	72.45	Dec. 2, 1964	69.93
Mar. 7	a89.70	July 27	80.93	Nov. 23	70.99	Jan. 30, 1965	71.56
May 22	91.47	Sept. 22	76.74	Mar. 21, 1964	74.40	Mar. 23	73.62
July 22	87.83	Nov. 27	74.85	May 23	77.01	May 25	75.64
Sept. 20	83.25	Jan. 29, 1963	76.14	July 25	74.36	July 29	72.80
Nov. 20	80.60	June 2	76.74	Sept. 24	71.09	Sept. 21	70.13
Jan. 26, 1962	81.01	July 25	a77.56	Oct. 28	a70.21	Nov. 30	69.51
Mar. 21	82.23						

a Well being pumped.

471313N1194017, 1. Local number 20/25-15Q1. W. E. Hardy. Drilled unused water-table well in sand, diam 5 in, depth 175 ft, cased. Lsd about 1,219 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 27.85 below lsd, Aug. 25, 1965; lowest 151.54 below lsd, Sept. 1, 1951. Records available: 1949-65.

Jan. 13, 1961	32.59	Mar. 21, 1962	32.11	June 27, 1963	30.52	Sept. 24, 1964	28.31
Feb. 10	32.79	Apr. 25	32.61	July 26	30.08	Oct. 28	28.33
Mar. 7	33.42	May 24	31.71	Aug. 27	29.34	Dec. 2	28.90
	27	June 18	31.61	Sept. 30	28.83	Jan. 30, 1965	29.81
Apr. 24	33.73	July 27	30.90	Oct. 28	28.80	Feb. 23	30.32
May 22	32.74	Aug. 31	29.94	Nov. 23	29.28	Mar. 23	30.70
June 23	32.38	Sept. 22	29.65	Dec. 16	29.82	Apr. 27	30.64
July 22	31.38	Oct. 28	29.80	Jan. 26, 1964	30.76	May 25	29.99
Aug. 21	30.69	Nov. 27	30.21	Feb. 28	30.52	June 23	29.28
Sept. 20	30.21	Dec. 18	30.54	Mar. 31	30.98	July 29	28.69
Oct. 28	30.81	Jan. 29, 1963	31.17	Apr. 21	31.61	Aug. 25	27.85
Nov. 20	30.63	Feb. 26	31.18	May 23	30.97	Sept. 21	27.90
Dec. 19	31.05	Apr. 10	31.94	June 23	30.19	Oct. 26	27.94
Jan. 26, 1962	31.67	30	32.05	July 25	29.27	Nov. 29	28.90
Feb. 27	32.05	May 30	31.33	Aug. 25	28.55	Dec. 29	29.08

## King County

471131N1220250, 1. Local number 20/6-28L1. Sunrise Grange. Drilled unused water-table well in unknown aquifer, diam 8 in, depth 160 ft, cased. Lsd about 678 ft above msl. MP top north side of casing, at lsd. Highest water level 133.39 below lsd, Mar. 26, 1965; lowest 146.01 below lsd, Dec. 10, 1963. Records available: 1963-65.

June 4, 1963	138.56	Feb. 12, 1964	141.51	Sept. 22, 1964	139.27	Apr. 26, 1965	134.52
July 3	139.27	Mar. 11	137.93	Oct. 21	140.66	May 28	133.72
Aug. 8	140.71	Apr. 8	136.14	Nov. 23	142.18	July 27	138.16
Sept. 17	142.76	May 6	135.36	Dec. 22	142.32	Sept. 1	141.07
Oct. 10	143.79	June 10	135.87	Jan. 26, 1965	140.42	Oct. 1	143.37
Nov. 8	145.20	July 23	136.76	Feb. 24	136.62	Nov. 4	139.84
Dec. 10	146.01	Aug. 24	137.76	Mar. 26	133.39	30	142.64
Jan. 7, 1964	145.62						

471604N1221422, 1. Local number 21/4-36L1. M. Grispingo, Pacific Washington. Drilled irrigation water-table well in unknown aquifer, diam 6 in, depth 60 ft, cased to 60, perforated 50-60. Lsd about 80 ft above msl. MP top of casing, 0.43 ft above lsd. Highest water level 4.57 below lsd, Feb. 23, 1965; lowest 7.67 below lsd, Aug. 8, 1963. Records available: 1961-65.

June 2, 1961	5.28	Oct. 2, 1962	6.74	Nov. 8, 1963	6.85	Nov. 24, 1964	5.92
July 10	5.84	Nov. 2	6.75	Dec. 10	5.38	Dec. 22	4.96
Aug. 10	6.82	Dec. 3	5.56	Jan. 7, 1964	4.79	Jan. 25, 1965	4.96
Sept. 8	7.13	Jan. 4, 1963	4.64	Feb. 12	4.68	Feb. 23	4.57
Oct. 10	7.48	30	5.29	Mar. 11	4.99	Mar. 26	5.23
Nov. 28	6.84	Mar. 4	4.96	Apr. 8	5.39	Apr. 26	5.21
Dec. 21	6.26	Apr. 4	5.14	May 6	5.73	May 28	5.34
Jan. 27, 1962	5.54	May 7	5.11	June 10	5.22	July 27	6.19
Feb. 28	5.67	June 4	6.51	July 23	5.60	Sept. 1	6.32
Mar. 29	5.57	July 3	6.42	Aug. 24	6.32	30	6.75
May 29	5.51	Aug. 8	7.67	Sept. 22	6.61	Oct. 29	7.09
July 3	5.77	Sept. 17	7.04	Oct. 21	6.47	Nov. 30	7.24
Aug. 2	6.70	Oct. 10	7.49				

473326N1222010, 1. Local number 24/4-19H1. Liquid Carbonic Corp. 5021 Colorado Ave., Seattle. Drilled unused water-table well in sand, diam 10 to 8 in, depth 631 ft, cased to 260, perforated 40-250. Lsd about 15 ft above msl. MP top of 3-in steel pipe, 1.80 ft above lsd. Highest water level 8.25 below lsd, Jan. 29, 1954; lowest 11.30 below lsd, Sept. 27, 1965. Records available: 1953-66, 1958-61, 1963-65.

Oct. 23, 1953	11.18	Mar. 14, 1956	9.39	Oct. 30, 1958	10.92	Dec. 11, 1961	10.24
Nov. 23	10.81	Feb. 27, 1958	8.91	Nov. 21	10.50	Feb. 13, 1963	9.68
Dec. 7	9.61	Mar. 11	9.21	Dec. 15	10.01	Apr. 16	9.61
22	9.39	27	9.35	Jan. 9, 1959	9.28	June 11	10.39
Jan. 29, 1954	8.25	Apr. 9	9.70	29	8.69	Aug. 13	11.03
Feb. 23	8.87	24	9.78	Mar. 12	9.54	Oct. 16	11.26
Mar. 29	9.31	May 7	9.96	Apr. 20	10.05	Dec. 19	9.99
Apr. 19	9.61	21	10.15	May 18	10.20	Feb. 19, 1964	9.48
May 20	10.12	June 5	10.28	June 15	10.50	Apr. 15	10.04
July 21	10.80	27	10.44	July 15	10.75	July 22	10.91
Aug. 23	10.89	July 8	10.60	Aug. 17	10.94	Sept. 23	11.23
Oct. 21	10.99	23	10.63	Sept. 17	11.23	Nov. 23	11.18
Nov. 29	10.10	Aug. 8	10.82	Oct. 16	11.28	Jan. 26, 1965	9.58
Dec. 21	9.67	29	10.89	Nov. 24	10.58	Mar. 24	9.80
Jan. 24, 1955	9.71	Sept. 15	11.10	Mar. 1, 1960	9.66	May 26	10.43
Mar. 9	9.97	25	11.14	Sept. 29	11.19	July 28	10.96
21	10.17	Oct. 8	11.14	Oct. 5, 1961	11.13	Sept. 27	11.30
Apr. 29	10.03						

47321N1220840.1. Local number 24/5-10A1. R. W. Didrich. Drilled domestic water-table well in sand, diam 4 in, reported depth 171 ft, cased. Lsd about 410 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 132.70 below lsd, Sept. 27, 1951; lowest 142.41 below lsd, Feb. 19, 1964. Records available: 1951-53, 1956, 1958-59, 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 27, 1951	132.70	Dec. 31, 1952	139.27	Sept. 15, 1958	140.39	Nov. 24, 1959	139.52
Oct. 8	b133.37	Jan. 29, 1953	139.54	26	140.84	Feb. 13, 1963	141.27
22	133.41	June 6, 1956	138.40	Oct. 8	140.91	June 11	140.72
Nov. 8	133.53	Feb. 26, 1958	140.48	30	a143.26	Aug. 13	141.89
26	133.67	Mar. 10	141.15	Nov. 21	a146.84	Dec. 19	141.86
Jan. 7, 1952	134.48	27	140.02	Dec. 15	b142.26	Feb. 19, 1964	142.41
28	b136.24	Apr. 9	140.48	Jan. 9, 1959	b142.57	Apr. 15	140.90
Feb. 28	135.55	24	140.18	30	a142.59	Sept. 23	139.88
Mar. 31	136.18	May 6	140.13	Mar. 12	141.14	Nov. 23	139.63
Apr. 29	136.20	21	139.63	Apr. 13	140.92	Jan. 26, 1965	140.31
May 28	136.65	June 5	140.09	May 18	140.30	Mar. 24	139.25
June 24	137.08	27	140.08	June 15	139.88	May 26	138.94
Aug. 29	137.78	July 9	140.11	July 15	141.70	July 28	138.90
Sept. 29	138.22	23	140.23	Aug. 17	139.36	Sept. 27	138.99
Oct. 30	138.44	Aug. 8	140.31	Sept. 17	140.01	Dec. 1	139.37
Dec. 1	138.30	29	140.33	Oct. 16	139.54		

a Well being pumped.

b Well pumped recently.

473323N1220812.1. Local number 24/5-23E1. Horizon View Co. 151 Ave. S. E. and 152d Pl., S.E., Bellevue. Drilled public-supply water-table well in sandstone of Tertiary age, diam 12 in, depth 385 ft, cased to 12. Lsd about 935 ft above msl. MP top of 2-in pipe, 2.03 ft above lsd. Highest water level 128.54 below lsd, Jan. 7, 1952; lowest 233.97 below lsd, July 22, 1964. Records available: 1951-54, 1958-59, 1962-65.

July 26, 1951	131.19	Aug. 29, 1952	136.22	Dec. 21, 1957	158.42	Jan. 30, 1962	226.91
Aug. 27	130.11	Oct. 1	138.75	Feb. 24, 1958	184.34	Dec. 11	a297.37
Sept. 10	130.16	30	139.52	Mar. 3	183.95	June 11, 1963	b294.56
24	130.00	Dec. 1	139.78	Apr. 9	187.58	July 22, 1964	233.97
Oct. 8	129.98	31	140.42	May 7	186.71	Sept. 23	228.50
22	129.76	Jan. 29, 1953	a186.84	June 27	190.26	Nov. 23	223.28
Nov. 5	129.74	May 28	143.24	July 9	192.11	Jan. 26, 1965	218.53
26	129.20	Apr. 19, 1954	b150.60	Aug. 8	b196.34	Mar. 24	215.30
Dec. 17	129.22	May 20	152.90	Jan. 30, 1959	226.91	May 26	207.87
Jan. 7, 1952	128.54	July 22	b156.22	Apr. 13	199.89	July 28	201.04
28	129.10	Aug. 23	157.25	May 18	207.22	Sept. 27	196.68
Feb. 28	131.02	Oct. 21	157.53	July 15	211.77		

a Well being pumped.

b Well pumped recently.

473230N1221315.1. Local number 24/5-30E1. Mercer Island School District. S.E. 88th Ave. and 68th St. S.E., Mercer Island. Dug domestic water-table well in unknown aquifer, diam 36 in, depth 76 ft, casing unknown. Lsd about 335 ft above msl. MP top of concrete cover at hole under pump, at lsd. Highest water level 64.19 below lsd, May 18, 1959; lowest 70.54 below lsd, Oct. 16, 1963. Records available: 1958-61, 1963-65. No measurement made in 1962.

Apr. 24, 1958	68.36	Oct. 30, 1958	68.44	Oct. 16, 1959	66.44	Apr. 15, 1964	66.82
May 7	68.11	Nov. 21	68.57	Nov. 24	67.22	July 22	66.34
20	68.03	Jan. 9, 1959	67.93	Mar. 1, 1960	67.52	Sept. 23	66.78
June 5	68.17	30	69.18	Sept. 29	66.23	Nov. 23	67.34
27	67.98	Mar. 12	68.54	Oct. 5, 1961	a64.62	Jan. 26, 1965	67.86
July 9	67.85	Apr. 13	68.68	Dec. 12	69.84	Mar. 24	67.19
23	67.88	May 18	64.19	Feb. 13, 1963	70.03	May 26	66.31
Aug. 8	67.92	June 15	66.70	Oct. 16	70.54	July 28	66.63
29	68.01	July 15	a67.03	Dec. 19	69.22	Sept. 27	67.28
Sept. 25	a68.43	Aug. 17	66.42	Feb. 19, 1964	68.28	Dec. 2	68.08
Oct. 8	68.40	Sept. 16	a66.85				

a Well being pumped.

473232N1220156.1. Local number 24/6-2TD3. Lakeside Sand & Gravel. Drilled industrial water-table well in gravel and sand, diam 12 in, depth 62 ft, screened 52-62. Lsd about 73 ft above msl. MP top of casing under pump, 2.00 ft above lsd. Highest water level 6.31 below lsd, Jan. 28, 1959; lowest 19.98 below lsd, Aug. 13, 1963. Records available: 1953-56, 1958-61, 1963-65.

Apr. 6, 1953	9.63	Mar. 21, 1954	9.56	Aug. 29, 1958	12.63	Oct. 5, 1961	12.51
May 11	10.28	Apr. 26	8.93	Sept. 15	11.95	Dec. 11	14.46
July 8	11.12	May 25	9.97	25	12.07	Feb. 13, 1963	13.97
Dec. 7	7.96	June 22	10.95	Oct. 8	12.28	Apr. 16	a17.99
22	7.83	July 20	10.96	30	12.04	June 11	a20.29
Jan. 29, 1954	6.77	Aug. 19	11.62	Nov. 21	10.01	Aug. 13	19.98
Feb. 23	7.38	Mar. 14, 1956	9.98	Dec. 15	8.57	Oct. 16	a22.49
Mar. 29	9.33	June 6	12.75	Jan. 9, 1959	8.09	Dec. 19	a18.96
Apr. 19	9.21	Feb. 25, 1958	7.01	28	6.31	Feb. 19, 1964	a18.51
May 20	10.65	Mar. 10	7.80	Mar. 12	9.22	Apr. 15	a19.51
June 22	10.72	27	8.81	Apr. 13	8.82	July 22	16.98
July 21	11.12	Apr. 9	9.64	May 18	9.45	Sept. 23	16.78
Aug. 22	11.40	24	9.49	June 15	a12.20	Nov. 23	16.53
Sept. 20	11.43	May 7	10.37	July 15	11.06	Jan. 26, 1965	14.46
Oct. 21	11.82	21	a11.92	Aug. 17	a18.52	Mar. 24	15.63
Nov. 22	10.65	June 5	11.46	Sept. 17	14.47	May 26	18.13
Dec. 1	10.63	27	12.08	Oct. 16	12.52	July 28	a20.85
21	10.28	July 9	12.06	Nov. 24	7.98	Sept. 27	17.37
Jan. 24, 1955	9.89	23	12.55	Mar. 1, 1960	8.43	Dec. 1	18.46
Mar. 8	9.69	Aug. 8	12.57	Sept. 29	12.22		

a Well being pumped.

474629N1222157.1. Local number 26/3-1C1. W. S. Smuck. 20039 8th Ave. N.W., Seattle. Drilled unused water-table well in unknown aquifer, diam 8 in, depth 188 ft, cased. Lsd about 445 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 164.24 below lsd, Oct. 5, 1960; lowest 173.08 below lsd, Mar. 27, 1958. Records available: 1953-55, 1958-60, 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 14, 1953	170.01	May 25, 1955	168.29	Oct. 8, 1958	166.93	Dec. 12, 1962	169.68
Aug. 20	171.92	June 22	168.51	30	166.89	Feb. 13, 1963	169.69
Sept. 28	170.48	July 20	168.76	Nov. 21	166.98	Apr. 16	164.85
Oct. 23	170.15	Aug. 19	168.99	Dec. 15	166.66	June 11	165.07
Dec. 22	170.18	Mar. 11, 1958	165.60	Jan. 9, 1959	166.42	Aug. 12	165.54
Feb. 23, 1954	168.61	27	173.08	29	165.98	Oct. 16	165.67
Mar. 29	168.25	Apr. 9	165.88	Mar. 12	168.07	Dec. 18	165.44
Apr. 19	168.37	24	165.83	Apr. 13	165.48	Feb. 15, 1964	165.28
May 20	168.74	May 7	168.28	May 18	165.62	Apr. 15	165.07
June 22	168.98	21	168.34	June 15	165.70	July 22	165.49
July 22	169.11	June 5	166.09	July 15	165.85	Sept. 25	165.94
Aug. 23	168.60	27	166.18	Aug. 17	165.99	Nov. 25	166.02
Sept. 20	168.84	July 8	166.26	Sept. 17	166.11	Jan. 26, 1965	165.46
Oct. 21	168.87	23	166.31	Oct. 16	166.27	Mar. 24	165.28
Nov. 29	168.78	Aug. 8	166.42	Nov. 24	166.30	May 26	164.57
Dec. 21	168.54	29	166.53	Mar. 1, 1960	164.98	July 28	166.06
Jan. 24, 1955	168.10	Sept. 15	169.32	Apr. 29	167.25	Sept. 27	166.37
Mar. 8	167.91	26	166.86	Oct. 5	164.24	Dec. 1	166.55
Apr. 26	168.09						

#### Kittitas County

470140N1203148.1. Local number 18/18-25C1. Port District of Kittitas Co. Drilled unused water-table well in sand and gravel, diam 8 to 10 in, depth 420 ft, cased to 420, perforated 200-220, 250-260. Lsd about 1,719 ft above msl. MP notch cut in pumpbase for air line, 0.40 ft above lsd. Highest water level 57.62 below lsd, July 24, 1956; lowest 71.71 below lsd, Sept. 1, 1965. Records available: 1954-65.

Nov. 8, 1954	62.91	Feb. 28, 1958	64.58	Jan. 27, 1960	65.40	Mar. 29, 1963	65.30
Dec. 6	64.13	May 2	64.97	Feb. 16	65.55	May 3	65.62
Jan. 3, 1955	65.05	Aug. 26	63.83	29	65.17	June 26	64.44
Mar. 31	66.40	Sept. 14	63.35	Apr. 15	65.21	Aug. 21	64.31
Apr. 25	67.10	Mar. 9, 1959	64.25	May 9	64.99	Dec. 16	65.38
June 25	63.93	26	64.81	June 6	63.99	Feb. 24, 1964	66.28
July 5	63.55	June 3	63.29	Aug. 30	65.29	Apr. 20	67.30
Sept. 23	63.03	29	63.26	Oct. 6	64.71	June 22	64.26
Nov. 3	63.07	July 13	63.77	24	64.66	Aug. 24	64.46
Dec. 8	64.12	Aug. 5	64.53	Dec. 3	64.31	Dec. 10	64.97
Jan. 12, 1956	64.74	29	64.81	Apr. 13, 1961	64.57	Jan. 18, 1965	65.78
Mar. 19	64.27	Sept. 15	63.83	July 18	64.57	Mar. 1	64.35
Apr. 27	64.16	28	63.56	Sept. 19	64.65	Apr. 5	65.16
July 24	67.62	Oct. 12	63.39	Dec. 3	64.52	June 3	64.28
Mar. 15, 1957	65.37	Nov. 1	64.01	Feb. 26, 1962	65.29	July 15	64.42
Apr. 17	65.11	16	64.47	June 18	62.20	Sept. 1	71.71
May 12	64.48	Dec. 2	64.99	Oct. 22	63.17	Oct. 18	64.33
Aug. 15	63.25	22	64.95	Nov. 23	63.97	Dec. 10	66.16
Oct. 31	63.15	Jan. 4, 1960	65.26	Feb. 25, 1963	65.32		

471132N1205436.1. Local number 20/15-25P1 (previously reported 20/15-25Q1). Mr. F. Ackerlund. Dug domestic water-table well in alluvium of flood plain along Yakima River, diam 5 ft, depth 10 ft, cribbed with wood to 10. Lsd about 1,905 ft above msl. MP top of plank deck at southeast side of pump column, at lsd. Highest water level 3.18 below lsd, Mar. 12, 1949; lowest 9.62 below lsd, Dec. 9, 1965. Records available: 1946-65.

Jan. 23, 1961	7.54	Nov. 23, 1962	7.42	Nov. 18, 1963	8.52	Mar. 1, 1965	4.89
Mar. 28	6.58	Feb. 25, 1963	7.43	Feb. 24, 1964	5.89	Apr. 5	6.98
Sept. 19	7.92	Mar. 29	7.71	Apr. 20	7.08	June 3	6.95
Nov. 27	9.32	May 3	7.79	May 19	6.95	July 15	6.98
Feb. 26, 1962	7.62	June 26	7.14	Aug. 24	7.76	Sept. 1	9.14
Mar. 29	7.14	July 22	7.49	Dec. 4	7.71	Oct. 2	9.53
June 18	7.33	Sept. 23	8.07	Jan. 19, 1965	7.18	Dec. 9	9.62
Sept. 26	8.03						

#### Klickitat County

454325N1205543.1. Local number 3/15-28A1 (previously reported 3/15-28H1). Frank Garner. Drilled unused water-table well in basalt and cemented gravel, diam 6 in, depth 85 ft, cased. Lsd about 1,600 ft above msl. MP top north side of casing, 1.80 ft above lsd. Highest water level 6.86 below lsd, Apr. 8, 1965; lowest 15.73 below lsd, Sept. 24, 1961. Records available: 1957-65.

Jan. 28, 1961	13.53	May 21, 1962	12.15	July 29, 1963	13.90	Apr. 8, 1965	6.86
Mar. 21	12.03	July 31	12.06	Oct. 2	14.73	May 7	10.99
July 27	13.48	Sept. 18	14.43	Nov. 25	14.12	June 16	11.64
Sept. 24	15.73	Dec. 1	15.69	Mar. 17, 1964	13.11	July 30	12.71
Dec. 2	14.52	Jan. 23, 1963	13.87	May 26	13.19	Sept. 17	13.52
Jan. 23, 1962	13.04	Apr. 2	12.02	July 23	13.32	Oct. 12	13.67
Mar. 19	12.61	May 27	12.58	Sept. 23	15.25	Nov. 16	13.74

455105N1204709.1. Local number 4/16-10B1. Albert Kastel. Drilled unused water-table well in basalt, diam 6 in, depth 178 ft, cased. Lsd about 1,715 ft above msl. MP top of casing seal, 0.82 ft above lsd (since Sept. 23, 1964). Highest water level 2.76 below lsd, Apr. 24, 1958; lowest 7.34 below lsd, July 29, 1963. Records available: 1957-65.

455105N1204709, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1961	3.54	May 21, 1962	4.56	July 29, 1963	7.34	Apr. 8, 1965	3.56
Mar. 27	3.26	July 31	4.54	Oct. 2	5.68	May 7	4.47
July 21	6.44	Sept. 18	6.02	Nov. 25	5.29	June 16	5.82
Sept. 24	6.28	Dec. 1	6.18	Mar. 17, 1964	5.81	July 30	6.91
Dec. 2	5.50	Jan. 21, 1963	4.59	May 26	5.79	Sept. 17	6.16
Jan. 23, 1962	5.71	Apr. 2	4.18	July 23	5.82	Oct. 12	4.95
Mar. 19	3.69	May 27	4.88	Sept. 23	5.97	Nov. 16	4.72

454715N1204349, 1. Local number 4/17-31L1. Vic Thompson. Drilled unused water-table well in basalt, diam 16 in (previously reported 14 in), depth 139 ft, cased. Lsd about 1,870 ft above msl. MP top north side of casing, 1.70 ft above lsd. Highest water level 3.18 below lsd, Apr. 8, 1965; lowest 7.63 below lsd, Aug. 24, 1959. Records available: 1957-65.

Jan. 28, 1961	3.55	July 31, 1962	4.28	Oct. 2, 1963	5.39	May 7, 1965	3.96
July 27	5.60	Sept. 18	5.01	Nov. 25	5.11	June 16	4.58
Sept. 24	7.10	Dec. 1	5.17	Mar. 17, 1964	4.97	July 30	5.29
Dec. 2	5.73	Jan. 21, 1963	3.76	May 26	4.89	Sept. 17	5.05
Jan. 23, 1962	5.12	Apr. 1	3.43	July 23	5.11	Oct. 12	4.85
Mar. 19	4.70	May 27	4.09	Sept. 23	5.74	Nov. 16	4.70
May 21	4.27	July 29	4.93	Apr. 8, 1965	3.18		

## Lewis County

462804N1224945, 1. Local number 11/1W-5H1. Mrs. Joseph Sommer. Dug domestic and stock water-table well in sand, diam 4 ft, depth 46 ft, casing unknown (previously reported lined with concrete to 28). Lsd about 345 ft above msl. MP top of 4-in × 6-in timber in trap opening, at lsd. Highest water level 30.82 below lsd, Nov. 19, 1958; lowest 44.50 below lsd, Oct. 22, 1943. Records available: 1942-65.

Jan. 3, 1961	38.23	Mar. 19, 1962	38.70	May 27, 1963	36.60	Sept. 22, 1964	38.34
30	37.93	May 29	37.39	July 30	37.19	Feb. 23, 1965	38.31
Mar. 3	31.95	July 19	38.71	Oct. 3	38.94	Mar. 26	37.59
21	32.68	Sept. 27	38.99	Dec. 2	38.69	May 12	38.05
Aug. 1	37.46	Dec. 2	32.77	Mar. 17, 1964	32.97	June 22	39.35
Oct. 2	38.02	Jan. 30, 1963	38.73	May 26	35.98	July 30	41.28
Dec. 4	35.77	Apr. 2	31.82	July 23	37.15	Sept. 16	39.45
Jan. 22, 1962	39.72						

463215N1223122, 1. Local number 12/2-11L1. City of Tacoma. Drilled test water-table well in gravel and sand, diam 8 in, depth 150 ft, cased to 145. Lsd 587.3 ft above msl. MP top of 2-in pipe extension, 1.20 ft above lsd. Highest water level 90.75 below lsd, Apr. 30, 1959; lowest 101.59 below lsd, Dec. 7, 1965. Records available: 1959-65.

Apr. 9, 1959	91.11	Nov. 17, 1959	101.49	Jan. 3, 1961	99.54	Oct. 3, 1963	100.69
30	90.75	Dec. 4	101.47	Mar. 3	96.41	Dec. 2	101.32
May 6	90.91	21	100.93	Aug. 1	98.41	Mar. 17, 1964	97.40
28	91.42	Jan. 5, 1960	100.33	Oct. 2	99.99	May 26	97.55
June 10	91.63	Feb. 2	100.08	Dec. 4	100.95	July 23	99.01
July 1	91.71	14	99.88	Jan. 22, 1962	100.13	Sept. 22	100.21
16	92.10	Mar. 1	98.58	May 29	99.11	Feb. 23, 1965	96.04
Aug. 6	93.04	28	98.51	July 20	99.81	Mar. 24	96.60
8	(j)	Apr. 26	98.26	Sept. 27	100.67	May 6	97.61
18	99.26	May 31	97.78	Dec. 3	101.27	June 17	97.59
Sept. 9	100.17	July 6	97.97	Jan. 30, 1963	100.09	July 28	100.17
21	100.28	Aug. 23	99.44	Apr. 2	99.23	Sept. 16	100.85
Oct. 6	100.63	Oct. 6	100.29	May 27	98.15	Oct. 26	101.15
19	100.81	Dec. 5	100.26	July 30	99.79	Dec. 7	101.59

j Excavation made in bluff just below well to develop a spring from same aquifer tapped by well; subsequent to Aug. 8, 1959 spring will supply water for fish hatchery.

463147N1223959, 1. Local number 12/2-13B1. N. A. Aldrich. Drilled irrigation water-table well in gravel and sand, diam 8 in, depth 119 ft, cased to 122, perforated 97-117. Lsd about 621 ft above msl. MP edge at coupling on access pipe through concrete pumpbase, 1.20 ft above lsd. Highest water level 62.03 below lsd, Mar. 23, 1965; lowest 79.97 below lsd, Dec. 7, 1965. Records available: 1959-65.

May 6, 1959	66.05	Dec. 4, 1959	77.20	Mar. 3, 1961	64.68	Oct. 3, 1963	75.42
28	66.94	21	75.52	Aug. 1	a67.8	Dec. 2	78.76
June 10	67.40	Jan. 5, 1960	73.81	Oct. 2	72.88	Mar. 17, 1964	64.68
July 1	67.49	Feb. 2	72.56	Dec. 4	77.45	May 26	64.38
16	68.98	14	71.57	Jan. 22, 1962	77.11	July 23	68.54
Aug. 6	70.14	Mar. 1	68.82	May 29	71.00	Sept. 22	73.21
13	70.85	Apr. 26	65.62	July 20	71.30	Feb. 23, 1965	64.25
Sept. 9	72.21	May 31	64.43	Sept. 27	75.15	Mar. 23	62.03
21	73.13	July 6	65.42	Dec. 3	79.08	May 6	65.14
Oct. 6	74.05	Aug. 23	68.64	Jan. 30, 1963	75.73	Sept. 16	75.64
19	74.87	Oct. 6	72.57	Apr. 1	71.61	Oct. 26	78.00
Nov. 3	75.70	Dec. 5	75.78	May 27	67.78	Dec. 7	79.97
17	76.62	Jan. 3, 1961	73.41	July 30	70.92		

a Well being pumped.

463532N1223932, 2. Local number 13/1-22R2. Charles E. Greene. Drilled irrigation artesian well in clay and sand, diam 8 in, depth 149 ft, cased. Lsd about 600 ft above msl. MP pressure gage, 1.00 ft above lsd. Highest water level 28 above lsd, Oct. 3, 1963; lowest 22 above lsd, July 20, Sept. 27, 1962. Records available: 1962-65.

Mar. 15, 1962	+23.00	Apr. 1, 1963	+26.0	Sept. 22, 1964	+27.0	July 28, 1965	+25.0
May 29	b20.0	May 27	24.0	Feb. 23, 1965	27.0	June 17	27.0
July 20	22.0	July 30	27.0	Mar. 26	26.0	Oct. 29	25.0
Sept. 27	22.0	Oct. 3	28.0	May 10	27.0	Dec. 10	27.0
Dec. 3	23.0	Dec. 2	27.0				

b Well pumped recently.

463441N1224852.1. Local number 13/1W-28P1. R. L. Wade. Drilled domestic and irrigation artesian well in sand, diam 6 in, depth 135 ft, cased to 135. Lsd about 375 ft above msl. MP center of gage, 3.60 ft above lsd. Highest water level 63.8 above lsd, Apr. 18, 1956; lowest 29.1 above lsd, Feb. 12, 1957. Records available: 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1961	+37.6	July 20, 1962	+35.6	Oct. 3, 1963	+33.0	Mar. 31, 1965	+38.0
30	37.6	Sept. 27	36.6	Dec. 2	31.6	May 10	38.0
Mar. 3	37.6	Dec. 3	37.6	Mar. 17, 1964	38.0	June 17	36.0
21	37.6	Jan. 30, 1963	37.6	May 26	32.0	July 28	32.0
Oct. 2	36.6	Apr. 3	41.6	July 23	32.0	Sept. 17	35.0
Dec. 4	37.6	May 27	31.6	Sept. 22	35.0	Oct. 29	36.0
Mar. 15, 1962	36.8	July 30	33.0	Feb. 23, 1965	37.0	Dec. 6	36.0
May 29	36.8						

463623N1225410.1. Local number 13/2W-14N1. Frank Hamilton. Drilled unused artesian well in sand, diam 4 to 2 in, depth 295 ft, cased. Lsd about 228 ft above msl. MP top of 1-in valve on top of casing, 1.50 ft below lsd. Highest water level 2.25 below lsd, May 12, 1965; lowest 37.92 below lsd, July 20, 1962. Records available: 1962-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 15, 1962	6.16	Apr. 2, 1963	6.68	May 27, 1964	13.63	May 12, 1965	2.25
May 29	6.45	May 27	12.34	July 27	35.88	June 22	13.21
July 20	37.92	July 30	34.54	Sept. 22	9.69	Sept. 17	7.89
Sept. 27	15.14	Oct. 3	9.42	Feb. 23, 1965	3.68	Oct. 29	4.32
Dec. 3	8.42	Dec. 2	6.71	Mar. 31	2.98	Dec. 3	3.06
Jan. 30, 1963	7.91	Mar. 17, 1964	5.88				

463347N1225237.1. Local number 13/2W-36P1. John A. Peterson. Drilled irrigation water-table well in sand and gravel, diam 6 in, depth 136 ft, perforated 60-80, 95-107, 115-123. Lsd about 470 ft above msl. MP top of threaded collar on entry pipe, 0.65 ft above lsd. Highest water level 20.54 below lsd, Mar. 17, 1964; lowest 30.42 below lsd, Aug. 26, 1953. Records available: 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1961	23.95	Mar. 19, 1962	23.19	July 30, 1963	25.44	Feb. 23, 1965	21.84
30	22.90	May 29	23.03	Oct. 3	26.97	Mar. 31	23.48
Mar. 3	21.98	July 19	24.43	Dec. 2	22.65	May 12	23.97
21	21.85	Sept. 27	27.39	Mar. 17, 1964	20.54	June 22	26.49
Aug. 1	28.85	Dec. 3	22.86	May 27	23.67	Sept. 17	28.25
Oct. 2	28.68	Jan. 30, 1963	22.95	July 23	25.38	Oct. 29	28.97
Dec. 4	27.07	Apr. 2	21.54	Sept. 22	27.01	Dec. 2	26.70
Jan. 22, 1962	27.31	May 27	22.77				

a Well being pumped.

464154N1225725.1. Local number 14/2W-17K2. Oscar Keto. Drilled unused water-table well in sand, diam 6 in, depth 80 ft, cased to 80. Lsd about 175 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 6.34 below lsd, Feb. 19, 1954; lowest 15.66 below lsd, Oct. 2, 1961. Records available: 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1961	10.81	Mar. 19, 1962	10.37	July 30, 1963	12.98	Mar. 23, 1965	9.18
30	10.29	May 29	10.91	Oct. 3	13.45	May 5	11.75
Mar. 3	8.40	July 20	13.84	Dec. 2	9.70	June 14	14.00
21	8.46	Sept. 27	15.25	Mar. 17, 1964	8.11	July 30	15.43
Aug. 1	14.98	Dec. 3	9.15	May 27	11.62	Aug. 31	15.42
Oct. 2	15.66	Jan. 30, 1963	10.61	July 23	11.70	Oct. 19	15.11
Dec. 4	12.06	Apr. 2	8.99	Sept. 22	13.22	Dec. 3	12.13
Jan. 22, 1962	10.63	May 27	10.90				

#### Lincoln County

473900N1180700.1. Local number 25/37-14M1. Charles Straub, Sr. Dug unused water-table well in basalt, diam 4 ft, depth 27 ft, cribbed with brick to 27. Lsd about 2,400 ft above msl. MP top southwest corner of brick curb, 1.00 ft above lsd. Highest water level 2.90 below lsd, Apr. 16, 1952; lowest 22.91 below lsd, Nov. 1, 1947. Records available: 1941-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	20.90	July 26, 1962	16.47	Nov. 21, 1963	19.88	Feb. 28, 1965	17.94
Mar. 27	17.14	Sept. 21	17.23	Mar. 25, 1964	20.07	Apr. 5	4.41
July 24	18.87	Nov. 30	17.90	May 20	19.98	May 17	9.98
Sept. 28	18.70	Jan. 25, 1963	18.74	July 28	17.47	June 21	11.62
Nov. 29	19.22	Mar. 28	18.47	Oct. 1	17.79	Aug. 5	12.60
Jan. 30, 1962	8.83	May 29	17.96	Nov. 12	17.96	Sept. 13	13.17
Mar. 28	15.64	July 24	19.98	Dec. 6	18.29	Nov. 1	13.92
May 27	17.41	Sept. 24	20.71	Jan. 12, 1965	18.42	Dec. 9	14.27

#### Okanogan County

482238N1193823.1. Local number 33/25-12C1. Mr. Hartness. Dug irrigation water-table well in gravel, diam 4 ft, depth 42 ft, lined with concrete to 42. Lsd about 1,320 ft above msl. MP top of concrete curb, at lsd. Highest water level 9.54 below lsd, Apr. 28, 1959; lowest 25.46 below lsd, June 19, 1965. Records available: 1955-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 20, 1955	24.78	Feb. 26, 1958	13.55	Sept. 27, 1960	c23.52	Mar. 29, 1963	15.45
Oct. 26	21.24	June 28	12.41	Nov. 28	17.31	Sept. 24	c24.20
Dec. 21	15.33	Aug. 26	22.10	Jan. 23, 1961	15.06	Nov. 18	19.25
Feb. 24, 1956	15.52	Oct. 19	16.72	Mar. 27	13.47	Jan. 21, 1964	15.39
Apr. 26	12.19	Dec. 20	13.51	July 24	18.48	Mar. 26	14.83
Aug. 21	a20.98	Apr. 28, 1959	9.54	Sept. 28	a22.63	Dec. 11	22.77
Oct. 27	14.38	June 27	a13.77	Nov. 28	16.34	Jan. 12, 1965	21.79
Dec. 14	13.77	Aug. 29	a23.41	Jan. 30, 1962	14.83	Feb. 23	19.00
Feb. 21, 1957	14.40	Nov. 1	14.31	Mar. 28	14.79	Apr. 6	15.78
Apr. 24	11.26	Dec. 1	13.61	May 28	18.61	May 17	a17.85
June 21	a11.61	Jan. 26, 1960	14.14	July 24	c25.44	June 19	25.46
Aug. 26	a21.62	Mar. 30	11.87	Sept. 21	c25.01	Oct. 27	25.30
Oct. 27	12.29	May 26	12.25	Nov. 28	19.85	Dec. 9	21.60
Dec. 19	15.43	July 21	c22.41	Jan. 25, 1963	16.32		

a Well being pumped.

c Nearly well being pumped.

482232N1193824.1. Local number 33/25-12F2. Mr. Fletcher. Drilled unused water-table well in sand and gravel, diam 14 in, depth 35 ft, cased to 35, perforated 4-35. Lsd about 1,318 ft above msl. MP top of casing, at lsd. Highest water level 3.14 below lsd, Apr. 28, 1958; lowest 29.65 below lsd, Oct. 27, 1965. Records available: 1955-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 26, 1955	16.12	June 28, 1958	c9.39	July 21, 1960	c20.62	Nov. 28, 1962	cl4.61
Apr. 26, 1956	7.60	Aug. 26	19.63	Sept. 27	c22.11	Jan. 25, 1963	10.59
June 25	c8.83	Oct. 19	cl2.77	Nov. 28	12.90	Mar. 29	9.52
Aug. 21	cl8.10	Dec. 20	c8.73	Jan. 23, 1961	9.46	May 30	cl0.54
Oct. 27	9.44	Mar. 2, 1959	8.77	Mar. 27	8.65	July 23	19.71
Dec. 14	8.70	Apr. 28	7.22	July 24	cl4.97	Sept. 24	c25.62
Apr. 24, 1957	8.27	June 27	c9.70	Sept. 28	cl17.20	Nov. 18	cl4.05
June 21	c8.59	Aug. 29	c21.61	Nov. 28	10.76	Jan. 21, 1964	9.61
Aug. 26	cl8.98	Nov. 1	9.42	Nov. 30, 1962	9.21	Mar. 26	9.16
Oct. 27	cl6.42	Dec. 1	8.71	Mar. 28	9.22	May 19	cl4.93
Dec. 19	9.97	Jan. 26, 1960	8.84	May 28	12.54	Apr. 6, 1965	9.99
Feb. 26, 1958	8.75	Mar. 30	7.96	July 24	c22.99	Oct. 27	29.65
Apr. 28	3.14	May 26	7.95	Sept. 21	c21.92	Dec. 9	16.59

c Nearby well being pumped.

482232N1193224.2. Local number 33/25-12F3. Mr. Fletcher. Drilled irrigation water-table well in gravel, diam 16 in, depth 69 ft, cased to 69. Lsd about 1,318 ft above msl. MP top of casing below pump, 1.30 ft above lsd. Highest water level 5.33 below lsd, Mar. 26, 1964; lowest 28.56 below lsd, Aug. 2, 1965. Records available: 1964-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1964	5.80	July 29, 1964	a39.05	Aug. 2, 1965	28.56	Oct. 27, 1965	24.45
Mar. 26	5.33	May 18, 1965	8.88	Sept. 12	a39.00	Dec. 9	11.93
May 19	all.91	June 19	a26.45				

a Well being pumped.

482443N1193131.1. Local number 34/26-26Q1. City of Omak well 1. First Ave. North and East First St. Dug public-supply water-table well in stream gravel of Okanogan River, diam 12 ft, depth 30 ft, lined with concrete. Lsd about 850 ft above msl. MP top edge of wooden cover at  $\frac{1}{2}$ -in hole, 2.90 ft below lsd. Highest water level 5.10 below lsd, May 16, 1949; lowest 20.59 below lsd, Oct. 23, 1948. Records available: 1939-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	13.00	July 24, 1962	14.34	May 19, 1964	13.80	Apr. 6, 1965	13.72
Mar. 27	13.98	Sept. 21	14.84	July 29	12.69	May 18	11.48
July 24	13.96	May 30, 1963	11.03	Oct. 2	13.60	June 19	10.14
Sept. 28	14.52	July 23	15.49	Nov. 12	13.66	Aug. 3	13.98
Nov. 28	14.25	Sept. 24	14.27	Dec. 11	14.00	Sept. 12	14.28
Jan. 30, 1962	13.51	Nov. 18	13.80	Jan. 12, 1965	13.94	Oct. 27	14.05
Mar. 28	14.01	Jan. 21, 1964	13.84	Feb. 24	13.64	Dec. 8	14.05
May 28	10.80	Mar. 26	13.94				

482527N1193340.1. Local number 34/26-28A1. Charles Byrd. Dug irrigation water-table well in terrace gravel deposits, diam 36 in, depth 43 ft, lined with concrete to 43. Lsd about 1,300 ft above msl. MP top west side of concrete curb, 1.19 ft above lsd. Highest water level 28.86 below lsd, June 26, 1950; lowest 36.01 below lsd, June 21, 1957. Records available: 1939-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	32.62	July 24, 1962	33.76	Jan. 21, 1964	32.20	Apr. 6, 1965	34.07
Mar. 27	32.06	Nov. 28	33.24	Mar. 26	33.74	May 18	34.36
July 24	32.07	Jan. 25, 1963	33.54	May 19	32.33	June 19	34.22
Sept. 28	31.61	Mar. 29	33.78	Oct. 2	33.01	Aug. 3	a38.56
Nov. 28	31.86	May 30	33.89	Nov. 12	33.23	Sept. 12	a36.78
Jan. 30, 1962	32.61	July 23	32.98	Dec. 11	33.41	Oct. 27	33.47
Mar. 28	32.82	Sept. 24	32.62	Jan. 12, 1965	33.66	Dec. 8	33.77
May 28	33.36	Nov. 18	32.51	Feb. 23	33.97		

482527N1193409.1. Local number 34/26-28B1. Albert Moser. Concomully-Okanogan Rd. and Empty Rd. Dug unused water-table well in gravel, diam 30 to 48 in, depth reported 50 ft, lined with concrete to 50. Lsd about 1,285 ft above msl. MP top of concrete curb at paint mark by ladder, 1.50 ft above lsd. Highest water level 26.05 below lsd, Apr. 28, 1958; lowest dry, May 18, June 19, Aug. 3, Dec. 8, 1965. Records available: 1940-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 9, 1940	31.86	June 27, 1949	31.58	Feb. 25, 1955	32.85	Dec. 1, 1959	30.14
Dec. 31	32.13	Nov. 19	31.06	Apr. 29	33.63	Jan. 26, 1960	31.33
Mar. 24, 1941	32.67	Apr. 10, 1950	32.18	June 24	32.90	Mar. 30	32.00
June 7	31.40	June 26	31.59	Aug. 21	31.97	May 26	32.43
Aug. 5	28.70	Oct. 3	29.84	Oct. 26	31.15	July 21	31.64
Oct. 6	29.55	Dec. 12	30.82	Dec. 4	32.15	Sept. 27	29.60
Dec. 4	30.52	Mar. 30, 1951	32.11	Feb. 24, 1956	33.11	Nov. 28	30.20
Feb. 8, 1942	29.91	June 18	31.00	Apr. 26	29.93	Jan. 23, 1961	31.37
Apr. 8	31.36	Aug. 20	29.37	June 25	27.97	Mar. 27	29.15
June 3	31.18	Oct. 23	27.96	Aug. 21	28.52	July 24	28.95
Aug. 14	28.23	Dec. 17	30.20	Oct. 26	29.41	Sept. 28	28.00
Oct. 12	27.47	Feb. 24, 1952	31.78	Dec. 14	30.53	Nov. 28	30.34
Dec. 17	29.83	Apr. 10	29.36	Feb. 21, 1957	32.08	Jan. 30, 1962	31.96
June 8, 1943	31.76	June 9	29.83	Apr. 24	29.82	Mar. 28	31.62
Dec. 31	31.19	Aug. 18	29.08	June 21	28.40	May 28	32.76
Aug. 26, 1944	30.70	Oct. 23	27.87	Aug. 26	28.65	July 24	32.85
Dec. 2	31.30	Dec. 16	30.35	Oct. 27	28.12	Sept. 21	32.05
June 17, 1945	32.90	Feb. 26, 1953	31.61	Dec. 19	30.15	Nov. 28	32.18
Apr. 11, 1946	33.94	May 1	32.27	Feb. 26, 1958	31.63	Jan. 25, 1963	33.06
Aug. 21	29.86	June 21	32.18	Apr. 28	26.05	Mar. 29	31.49
Feb. 27, 1947	31.79	Aug. 26	30.05	June 28	26.38	May 30	31.44
May 26	32.97	Oct. 26	30.09	Aug. 26	27.51	July 23	30.05
July 23	a33.67	Dec. 19	31.95	Oct. 19	28.74	Sept. 24	31.06
Oct. 30	31.01	Feb. 24, 1954	32.61	Dec. 20	29.89	Nov. 18	32.85
Jan. 15, 1948	32.56	Apr. 9	33.27	Mar. 2, 1959	30.79	Jan. 21, 1964	32.69
Apr. 10	33.32	June 23	32.99	Apr. 28	27.87	Mar. 26	33.11
Aug. 14	31.87	Aug. 30	30.84	June 27	27.75	May 19	32.79
Oct. 28	30.22	Oct. 25	29.21	Aug. 29	27.47	July 29	32.04
Mar. 11, 1949	32.88	Dec. 20	31.64	Nov. 1	29.30	Oct. 2	30.89



482527N1193409, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 11, 1964	31.95	Feb. 24, 1965	33.25	June 19, 1965	(f)	Oct. 27, 1965	31.77
Dec. 11	32.49	Apr. 6	33.46	Aug. 3	(f)	Dec. 8	(f)
Jan. 12, 1965	33.08	May 18	(f)	Sept. 12	31.91		

a Well being pumped.

f Dry.

482357N1193114, 1. Local number 34/26-35R1. City of Omak, Dayton Ave. and Eighth St., Omak. Dug public-supply water-table well in gravel, diam 14 ft, depth 37 ft, lined with concrete to 37. Lsd 550.5 ft above msl. MP top of concrete rim at manhole in cellar at pumphouse, 7.35 ft below lsd. Highest water level 17.95 below lsd, June 16, 1948; lowest 32.58 below lsd, Nov. 23, 1960. Records available: 1944-65. Pump operating at times of all measurements.

Jan. 7, 1956	26.22	Dec. 1, 1956	28.02	Sept. 20, 1957	29.91	Aug. 29, 1959	30.30
14	26.40	8	28.17	27	29.59	Nov. 1	28.37
21	26.55	15	27.91	5	28.93	Dec. 1	28.30
28	26.55	22	28.14	11	28.67	Jan. 26, 1960	28.94
Mar. 3	27.53	29	28.11	18	28.81	Apr. 1	28.69
10	27.75	Jan. 5, 1957	27.38	25	28.87	May 26	28.78
17	27.87	12	27.31	Nov. 1	28.54	July 21	31.59
24	27.80	19	27.20	8	28.38	Sept. 27	31.67
31	27.67	26	26.83	16	28.44	Nov. 28	32.58
Apr. 7	27.76	Feb. 2	26.86	23	28.81	Jan. 23, 1961	30.42
14	28.41	10	26.79	30	28.54	Mar. 27	30.33
21	28.63	16	26.89	Dec. 6	28.53	July 24	25.50
28	27.26	23	26.94	13	28.54	Sept. 23	31.56
May 5	28.27	Mar. 2	27.38	20	28.50	Nov. 28	29.29
12	28.17	10	27.74	27	28.85	Jan. 30, 1962	28.72
19	27.81	16	28.07	Jan. 3, 1958	28.64	Mar. 25	29.49
26	23.89	23	28.13	10	28.69	May 28	29.23
June 2	23.43	26	28.04	17	28.64	July 24	30.11
9	23.48	Apr. 6	28.14	24	28.64	Sept. 21	30.96
16	24.00	12	28.27	Feb. 3	28.63	Nov. 23	29.47
23	25.04	19	28.53	7	28.65	Jan. 25, 1963	29.93
30	25.55	26	28.93	14	28.88	Mar. 29	29.61
July 7	24.75	May 3	28.31	21	28.62	May 30	31.20
14	26.42	10	27.64	28	28.53	July 23	31.33
21	27.42	17	26.15	Mar. 7	28.47	Sept. 24	30.88
28	27.79	24	24.35	14	28.50	Nov. 18	30.20
Aug. 4	28.08	31	24.97	21	28.69	Jan. 21, 1964	28.63
11	28.51	June 7	25.30	28	28.51	Mar. 26	28.11
18	28.44	14	25.36	Apr. 5	28.44	May 19	28.14
25	28.32	21	26.69	12	28.54	July 28	28.26
Sept. 1	28.70	28	27.64	19	28.87	Oct. 2	29.07
8	28.87	July 5	27.20	26	28.93	Nov. 12	28.47
15	28.92	12	27.67	May 3	29.16	Dec. 11	28.85
22	28.67	19	28.66	10	28.38	Jan. 12, 1965	29.96
29	28.37	26	28.89	17	28.54	Feb. 25	30.08
Oct. 6	28.45	Aug. 2	28.84	24	27.76	Apr. 6	28.60
13	27.99	9	28.77	June 2	26.40	May 15	29.16
20	27.99	16	29.41	Aug. 26	30.62	June 15	31.15
27	27.98	23	29.13	Dec. 20	28.70	Aug. 3	28.87
Nov. 3	27.89	30	29.90	Mar. 2, 1959	28.65	Sept. 12	30.43
10	28.17	Sept. 6	29.79	Apr. 23	29.07	Oct. 27	29.33
17	28.03	13	29.90	June 27	23.00	Dec. 8	28.64
24	27.91						

484314N1193216, 1. Local number 37/26-10H1. Loy McDaniel. Drilled irrigation water-table well in gravel, diam 10 in, depth 95 ft, cased to 95, perforated 85-93. Lsd about 1,575 ft above msl. MP base bolt hole on north side of pumpbase, opposite side of pump from switch box, 2.10 ft above lsd. Highest water level 87.30 below lsd, Feb. 25, 1965; lowest 92.91 below lsd, Aug. 3, 1965. Records available: 1964-65.

Oct. 1, 1964	a93.39	Feb. 25, 1965	87.30	June 20, 1965	a90.90	Oct. 26, 1965	88.88
Nov. 11	92.26	Apr. 9	90.20	Aug. 3	92.91	Dec. 8	91.00
Jan. 15, 1965	88.50	May 20	a90.85	Sept. 12	89.52		

a Well being pumped.

484314N1193222, 1. Local number 37/26-10H2. Loy McDaniel. Drilled irrigation water-table well in gravel, diam 10 in, depth 89 ft, cased to 89, perforated 69-89. Lsd about 1,575 ft above msl. MP top edge of 5/8-in hole in west side of pumpbase, 1.00 ft above lsd. Highest water level 83.37 below lsd, Mar. 26, 1964; lowest 95.67 below lsd, Apr. 9, 1965. Records available: 1963-65.

Nov. 19, 1963	83.81	Oct. 1, 1964	88.30	Feb. 25, 1965	87.40	June 20, 1965	90.92
Jan. 21, 1964	83.44	Nov. 11	90.04	Apr. 9	95.67	Sept. 12	92.17
Mar. 26	83.37	Dec. 11	88.89	May 20	89.50	Oct. 26	91.45
July 29	88.27	Jan. 15, 1965	87.27				

c Nearby well being pumped.

484158N1193148, 1. Local number 37/26-14P1. Forester A. Mustard. Dug irrigation water-table well in unknown aquifer, diam 12 to 48 in, depth 80 ft, cased. Lsd about 1,430 ft above msl. MP edge of 2-in hole in east side of casing, 2.00 ft above lsd. Highest water level 74.27 below lsd, Mar. 26, 1964; lowest 94.60 below lsd, Sept. 12, 1965. Records available: 1963-65.

Nov. 19, 1963	75.33	Oct. 1, 1964	80.22	Feb. 25, 1965	78.40	Sept. 12, 1965	94.60
Jan. 21, 1964	74.63	Nov. 11	79.29	Apr. 9	80.84	Oct. 25	88.60
Mar. 26	74.27	Dec. 11	80.60	June 20	a86.90	Dec. 8	88.13
May 20	a73.61	Jan. 15, 1965	78.46	Aug. 3	a84.40		

a Well being pumped.

484146N1193150.1. Local number 37/26-23C1. Chauncey W. Beeman. Drilled irrigation water-table well in gravel, diam 12 in, depth 94 ft, cased to 94, perforated 60-94. Lsd about 1,425 ft above msl. MP top of casing under pump, 0.40 f above lsd. Highest water level 64.31 below lsd, Mar. 26, 1964; lowest 72.60 below lsd, Dec. 8, 1965. Records available: 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 19, 1963	65.41	Nov. 11, 1964	70.50	Feb. 25, 1965	69.30	June 20, 1965	a73.75
Jan. 21, 1964	64.64	Dec. 10	70.57	Apr. 9	72.10	Sept. 12	a78.30
Mar. 26	64.31	Jan. 15, 1965	72.06	May 20	66.99	Dec. 8	72.60
Oct. 1	71.21						

a Well being pumped.

484033N1193103.1. Local number 37/26-26J1. Roger Jessup. Drilled irrigation water-table well in gravel, d'am 10 in, depth 85 ft, cased to 85. Lsd about 1,400 ft above msl. MP bottom of slot in north side of casing, at lsd. Highest water level 63.30 below lsd, Feb. 25, 1965; lowest 74.73 below lsd, Sept. 12, 1965. Records available: 1964-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 29, 1964	66.73	Jan. 15, 1965	64.83	May 20, 1965	71.00	Sept. 12, 1965	74.73
Oct. 1	67.66	Feb. 25	63.30	June 20	71.99	Oct. 25	70.45
Nov. 11	66.39	Apr. 9	64.54	Aug. 3	70.80	Dec. 8	69.35
Dec. 10	66.88						

485604N1192524.1. Local number 40/27-27N1. Zosel Lumber Co. Oroville. Dug unused water-table well in sand and gravel, diam 36 in, depth 11 ft, cased with concrete. Lsd about 920 ft above msl. MP edge of door sill at arrow, 0.50 ft above lsd. Highest water level 3.65 below lsd, June 19, 1960; lowest 9.58 below lsd, Mar. 2, 1948. Records available: 1945-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1, 1956	7.50	Nov. 11, 1956	7.52	Oct. 13, 1957	7.69	June 27, 1959	5.05
8	7.17	18	7.59	20	7.62	Aug. 29	7.55
15	7.27	25	7.66	27	7.70	Nov. 1	7.39
22	7.36	Dec. 2	7.76	Nov. 3	7.60	Dec. 1	7.37
29	7.40	9	7.92	10	7.79	Jan. 26, 1960	8.13
Feb. 5	7.57	16	7.30	17	7.72	Apr. 1	8.29
12	7.90	23	7.44	24	7.75	May 26	7.13
19	7.70	30	7.52	Dec. 1	7.57	July 21	7.59
26	7.57	Jan. 6, 1957	7.90	8	7.72	Sept. 27	7.82
Mar. 4	7.03	13	8.03	15	7.85	Nov. 29	7.93
11	7.02	20	8.29	22	7.85	Jan. 24, 1961	8.26
25	7.53	27	8.47	29	7.87	Mar. 27	7.99
Apr. 1	7.60	Feb. 3	8.57	Jan. 5, 1958	7.93	July 24	7.31
8	7.58	10	8.46	12	7.98	Sept. 28	7.66
15	7.58	17	8.28	19	7.93	Nov. 23	7.84
22	7.33	24	8.23	26	7.88	Jan. 30, 1962	8.30
29	7.15	Mar. 3	7.92	Feb. 2	7.87	Mar. 23	7.93
May 6	7.00	10	8.00	9	7.82	May 28	7.58
13	6.78	17	8.08	16	7.85	July 24	7.76
20	6.40	26	7.82	23	8.10	Sept. 21	7.87
27	4.27	Apr. 7	7.76	Mar. 2	7.70	Nov. 28	7.81
June 3	4.20	14	7.72	9	7.73	Jan. 25, 1963	8.60
10	4.83	21	7.62	16	7.80	Mar. 28	8.11
17	5.34	28	7.59	23	7.66	May 30	7.37
24	5.65	May 5	7.43	30	7.50	July 23	7.54
July 1	5.94	12	6.73	Apr. 6	7.37	Sept. 24	7.76
8	6.22	19	5.95	13	7.42	Nov. 18	7.91
15	6.32	26	5.02	20	7.36	Jan. 21, 1964	8.11
22	6.50	June 2	5.64	27	7.22	Mar. 27	8.01
29	6.87	9	5.85	May 4	7.20	May 19	8.05
Aug. 5	7.35	16	6.13	11	7.46	July 29	7.01
12	7.42	23	6.43	18	6.97	Oct. 1	7.63
19	7.56	30	6.69	25	6.64	Nov. 11	8.22
26	7.67	July 7	6.88	June 1	6.48	Dec. 10	8.25
Sept. 2	7.62	14	6.96	8	6.50	Jan. 13, 1965	8.55
9	7.62	21	7.08	15	6.55	Feb. 27	8.36
16	7.68	28	7.22	22	6.87	Apr. 8	8.12
23	7.68	Aug. 1	7.30	29	7.07	May 19	7.40
30	7.60	31	7.63	July 7	7.26	June 20	6.46
Oct. 7	7.50	Sept. 8	7.65	Aug. 26	7.94	Aug. 4	7.99
14	7.48	15	7.66	Oct. 19	7.60	Sept. 11	7.96
21	7.48	22	7.21	Dec. 20	7.60	Oct. 25	8.30
28	7.48	29	7.65	Mar. 2, 1959	7.55	Dec. 6	8.41
Nov. 4	7.50	Oct. 6	7.46	Apr. 28	8.22		

485621N1192620.1. Local number 40/27-28G1. City of Oroville well 1. Dug unused water-table well in alluvial deposit of Okanogan River, diam 4 ft, depth 26 ft, lined with concrete to 26. Lsd about 930 ft above msl. MP top edge of floor at hole for float gate tape, 6.10 ft below lsd. Highest water level 10.59 below lsd, Nov. 11, 1964; lowest 18.68 below lsd, Mar. 26, 1964. Records available: 1939-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	18.20	July 24, 1962	17.82	Nov. 18, 1963	18.19	Feb. 27, 1965	j11.89
Mar. 27	18.31	Sept. 21	17.69	Jan. 21, 1964	18.11	Apr. 8	j11.79
July 24	17.52	Nov. 28	17.71	Mar. 26	18.68	May 19	j12.60
Sept. 28	17.42	Jan. 25, 1963	18.22	May 19	18.05	June 21	15.85
Nov. 28	18.08	Mar. 28	18.44	July 29	16.73	Aug. 4	18.04
Jan. 30, 1962	18.44	May 30	17.05	Oct. 1	17.61	Sept. 11	j12.80
Mar. 28	18.34	July 23	17.43	Nov. 11	10.59	Oct. 25	j10.94
May 28	16.94	Sept. 24	17.59	Jan. 13, 1965	j11.81	Dec. 6	j12.10

j Wash Water being dumped into well; record only fair.

485614N1192624.1. Local number 40/27-28L1. City of Oroville. Near 12th Ave. and Ironwood St., Oroville. Dug public-supply water-table well in gravel, diam 8 ft, depth 31 ft, lined with concrete to 31. Lsd about 925 ft above msl. MP top of concrete curb at manhole, 1.70 ft above lsd. Highest water level 13.34 below lsd, June 3, 1958; lowest 25.65 below lsd, July 24, 1962. Records available: 1941-65.

485614N1192624, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 5, 1941	17.26	Jan. 30, 1961	18.71	Feb. 22, 1953	a19.83	Oct. 3, 1954	16.90
Oct. 6	16.43	Feb. 16	18.80	Mar. 1	a20.19	10	a20.53
Dec. 5	16.61	27	18.88	8	a19.92	17	17.94
Feb. 9, 1942	17.05	Mar. 12	19.21	15	18.53	24	17.47
Apr. 8	a19.29	28	18.92	22	18.76	31	17.34
June 2	a15.91	Apr. 10	18.50	29	a20.07	Nov. 7	17.41
Aug. 14	a20.43	24	a18.37	Apr. 5	a19.62	14	a18.12
Oct. 12	a18.62	May 8	a19.30	12	a18.49	21	a20.10
Dec. 17	a18.89	14	a18.38	19	a20.32	28	16.96
June 7, 1943	15.71	21	a17.62	26	a20.02	Dec. 5	17.02
Dec. 30	a20.00	June 1	a17.85	May 3	18.64	12	17.10
Aug. 26, 1944	a21.89	8	14.33	10	a20.37	19	17.32
Dec. 3	18.31	12	a18.08	17	16.50	26	17.48
June 17, 1945	a18.20	28	a16.79	24	16.30	Jan. 2, 1955	17.40
Apr. 11, 1946	17.82	July 5	14.47	31	15.54	9	17.50
Aug. 21	17.61	10	a25.30	June 7	15.21	16	17.60
Feb. 27, 1947	17.98	17	a26.30	14	14.92	23	17.78
May 26	a20.04	25	a24.79	21	15.17	30	17.90
July 23	a24.21	30	a20.93	28	a18.84	Feb. 6	17.90
Jan. 14, 1948	a19.93	Aug. 3	a25.33	July 5	a19.90	13	18.06
Apr. 10	a20.09	20	a21.76	12	a22.59	20	a19.85
Aug. 14	a19.40	Sept. 4	a20.95	19	a22.17	27	18.23
Sept. 10	a19.77	12	17.30	26	a20.20	Mar. 6	18.36
27	a20.10	20	a20.24	Aug. 2	a19.14	13	18.56
Oct. 20	a20.28	28	a21.25	9	a21.35	20	a19.78
28	17.28	Oct. 8	a20.19	16	a23.09	27	a19.56
Nov. 6	20.88	29	a21.42	23	a19.30	Apr. 3	a19.52
16	21.50	Nov. 8	a21.66	30	17.27	10	18.63
Dec. 6	a21.45	23	a20.81	Sept. 6	a21.82	17	a18.87
Feb. 2, 1949	17.20	Dec. 3	a18.34	13	a21.98	24	a18.94
21	17.35	14	a19.26	20	18.27	May 1	20.53
Mar. 11	18.99	Feb. 8, 1952	a19.14	27	17.71	8	18.53
29	a19.26	16	a19.43	Oct. 4	17.62	15	18.37
Apr. 13	a19.06	Apr. 13	a18.81	11	a21.56	22	a19.37
26	18.60	20	17.70	18	17.57	29	a20.99
May 11	20.34	27	a18.43	25	18.23	June 5	a20.33
June 4	19.11	May 4	a18.02	Nov. 1	a20.19	12	a18.01
27	a19.24	11	a20.10	8	a21.77	19	14.50
Sept. 1	22.75	18	15.51	15	a19.72	23	a17.62
14	22.75	25	a19.04	22	a22.38	July 3	a18.19
26	22.62	June 1	15.53	29	17.86	19	15.22
Oct. 10	22.96	8	17.23	Dec. 6	a21.54	17	a18.58
18	22.80	9	a22.06	13	a22.36	24	a17.76
Nov. 10	21.08	15	a19.85	20	17.88	31	15.88
21	17.65	22	a19.05	27	17.98	Aug. 7	a18.95
Feb. 20, 1950	18.89	29	15.92	Jan. 3, 1954	17.85	14	a20.98
27	19.29	July 6	a20.10	10	17.93	23	a21.70
Mar. 4	19.22	13	a20.39	17	a20.42	Sept. 4	a25.80
25	19.63	20	a18.52	24	17.93	11	a20.27
Apr. 1	19.70	27	a24.56	31	17.87	18	17.86
10	19.45	Aug. 3	a24.68	Feb. 7	17.92	25	18.00
12	19.32	10	a22.31	14	a19.78	Oct. 2	17.75
18	19.58	17	a24.35	21	18.00	9	a19.14
24	19.36	18	a23.53	28	18.18	15	18.19
May 11	21.95	24	a21.19	Mar. 7	a19.78	23	a21.06
23	20.51	31	a21.67	21	a19.97	30	a21.44
29	19.56	Sept. 7	a20.88	28	a20.00	Nov. 6	a21.13
June 5	19.02	14	17.62	Apr. 4	18.38	13	a21.00
13	17.40	21	a21.14	11	a18.90	20	17.49
19	16.30	28	a21.77	18	a20.07	27	a21.47
July 7	18.34	Oct. 5	18.22	25	18.47	Dec. 4	a21.55
19	21.77	12	a22.15	May 2	18.77	11	17.70
27	a23.21	19	18.09	9	a20.55	18	21.70
31	20.12	23	a22.16	16	a21.32	27	17.78
Aug. 7	20.75	26	17.95	23	a20.23	Jan. 1, 1956	17.85
14	21.22	Nov. 2	18.06	30	a19.30	8	a21.52
21	21.38	9	a18.95	June 6	15.02	15	a21.67
29	21.46	17	a22.35	13	a18.88	22	a21.39
Sept. 7	21.77	23	18.29	20	a19.38	29	a21.48
13	22.26	30	a22.18	27	15.36	Feb. 5	a21.16
18	18.78	Dec. 7	18.88	July 4	14.52	12	17.82
27	20.49	14	a20.94	11	a18.71	19	18.20
Oct. 12	21.62	16	a18.46	18	a21.89	26	17.85
17	17.73	21	a22.22	25	a19.92	Mar. 4	17.85
24	21.98	29	a21.91	Aug. 1	17.53	11	17.94
31	17.42	Jan. 4, 1953	18.97	8	17.49	25	17.77
Nov. 7	21.78	11	18.54	22	17.64	Apr. 1	a19.77
18	21.81	18	a19.03	29	16.61	8	17.96
29	21.99	25	a18.75	Sept. 5	16.81	15	a19.57
Dec. 29	22.73	Feb. 1	a19.33	12	16.98	22	a21.45
Jan. 12, 1951	17.36	8	a18.14	19	a20.37	29	17.30
19	21.21	15	18.10	26	16.75	May 6	16.85

485614N1192624.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 13, 1956	16.43	Feb. 17, 1957	18.23	Dec. 15, 1957	a20.27	Dec. 1, 1959	17.11
20	16.30	24	18.46	22	a22.70	Jan. 26, 1960	a21.17
27	a17.90	Mar. 3	18.06	29	18.89	Apr. 1	18.27
June 3	13.34	10	17.82	Jan. 5, 1958	a21.47	May 26	a21.01
10	13.62	17	a19.32	12	18.40	July 21	a21.87
17	14.07	26	18.22	19	18.21	Sept. 27	a20.07
24	14.67	Apr. 7	18.83	26	19.21	Nov. 29	a22.32
July 1	15.27	14	18.22	Feb. 2	a21.90	Jan. 24, 1961	18.55
8	a19.25	21	a19.45	9	18.23	Mar. 27	18.87
15	a19.30	24	19.77	16	19.18	July 24	21.87
22	a20.29	28	18.04	23	19.34	Sept. 28	a22.70
29	a20.63	May 5	17.65	Mar. 2	17.99	Nov. 28	18.63
Aug. 5	17.28	12	16.27	9	17.96	Jan. 30, 1962	18.57
12	17.75	19	a17.43	16	18.38	Mar. 28	18.70
19	17.53	26	14.15	23	18.13	May 28	a21.25
26	a21.30	June 2	a16.65	30	18.10	July 24	25.65
Sept. 2	18.38	9	14.54	Apr. 6	a21.35	Sept. 21	a26.88
9	a20.61	16	14.94	13	17.98	Nov. 28	a20.01
16	18.10	23	16.53	20	17.80	Jan. 25, 1963	a22.57
23	a21.91	30	16.45	27	18.00	Mar. 28	20.72
30	a22.24	July 7	a20.71	May 4	a21.00	May 30	a25.16
Oct. 7	17.80	14	a18.96	11	a20.84	July 23	a25.34
14	17.87	21	a20.45	18	a19.26	Sept. 24	a24.02
21	18.00	28	a20.56	25	a22.04	Nov. 18	19.60
28	17.80	Aug. 1	a21.13	June 1	15.48	Jan. 21, 1964	19.31
Nov. 4	18.26	31	a22.30	8	a18.45	Mar. 26	a22.89
11	18.25	Sept. 5	a22.00	15	15.63	May 19	a23.19
18	17.55	18	a22.38	22	a18.33	July 29	a21.45
25	17.87	22	a20.74	29	a19.52	Oct. 1	a22.53
Dec. 2	18.03	29	18.20	July 7	a18.66	Nov. 11	18.56
9	18.50	Oct. 6	a22.59	Aug. 24	a20.74	Dec. 10	a22.89
16	a21.63	13	a19.50	26	a20.73	Jan. 13, 1965	18.97
23	18.00	20	a20.06	Oct. 19	19.45	Feb. 27	a22.82
30	a21.32	27	a20.15	Dec. 20	a21.75	Apr. 8	a23.07
Jan. 6, 1957	18.00	Nov. 3	18.51	Mar. 2, 1959	a21.18	May 19	a22.00
13	18.17	10	a20.68	Apr. 26	17.45	June 21	a19.88
20	18.37	17	a21.69	28	a21.44	Aug. 4	a22.59
27	18.20	24	a20.23	June 27	a20.02	Sept. 11	a23.45
Feb. 3	18.18	Dec. 1	a21.85	Aug. 29	17.51	Oct. 25	19.06
10	a21.90	8	a19.73	Nov. 1	a20.68	Dec. 6	a23.55

a Well being pumped.

Pierce County

465712N1223307.2. Local number 17/2-16Q4. James Gonia. Near McKenna. Drilled domestic artesian well in sand, diam 6 in, depth 115 ft, casing unknown (previously reported cased to 115). Lsd about 315 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 1.31 below lsd, Mar. 3, 1961; lowest 11.98 below lsd, July 29, 1960. Records available: 1943-65.

Jan. 3, 1961	5.05	Mar. 19, 1962	5.56	May 27, 1963	5.54	Mar. 26, 1965	4.35
30	4.29	May 29	b9.74	Oct. 3	b24.00	Apr. 30	9.92
Mar. 3	1.81	July 20	9.27	Dec. 2	6.12	June 10	7.02
21	2.06	Sept. 27	7.94	Mar. 17, 1964	6.21	July 20	b12.52
Oct. 2	8.17	Dec. 3	7.66	July 23	9.36	Aug. 30	6.02
Dec. 4	7.36	Jan. 30, 1963	5.78	Sept. 22	a16.16	Oct. 12	6.20
Jan. 22, 1962	7.32	Apr. 2	3.83	Feb. 12, 1965	3.74	Dec. 9	b7.93

a Well being pumped.

b Well pumped recently.

465958N1223243.1. Local number 18/2-34N1. Willhoite and Sprokuffe. Dug domestic water-table well in sand and gravel, diam 36 in, depth 15 ft, lined with concrete to 15. Lsd about 310 ft above msl. MP top of concrete tile casing, 2.50 ft above lsd. Highest water level 2.79 below lsd, Jan. 27, 1956; lowest 12.47 below lsd, Nov. 6, 1952. Records available: 1945-65.

Jan. 27, 1956	2.79	Feb. 19, 1958	4.13	Jan. 6, 1960	6.83	July 20, 1962	8.67
Feb. 28	4.39	Mar. 26	5.05	28	5.59	Sept. 27	11.44
Mar. 28	4.22	Apr. 23	5.07	Mar. 1	4.21	Dec. 3	5.07
May 2	5.29	May 27	6.13	Apr. 27	4.67	Jan. 30, 1963	5.06
29	6.24	June 23	7.15	May 31	5.31	Apr. 2	4.64
June 19	2.35	Aug. 20	9.29	July 7	5.77	May 27	5.61
July 31	8.37	Sept. 30	10.55	29	7.50	July 30	8.80
Aug. 28	9.14	Oct. 24	11.13	Aug. 23	8.36	Oct. 3	10.93
Sept. 25	10.09	Nov. 19	8.28	Oct. 7	9.88	Dec. 2	7.93
Oct. 31	a10.84	Dec. 14	4.69	28	10.31	Mar. 17, 1964	4.77
Nov. 29	9.66	Jan. 28, 1959	3.16	Dec. 5	4.49	May 27	7.35
Jan. 29, 1957	6.15	Feb. 25	4.08	Jan. 3, 1961	4.88	July 23	9.03
Mar. 6	4.75	Mar. 27	6.68	30	3.41	Sept. 22	11.24
26	4.94	Apr. 21	5.20	Mar. 3	2.82	Feb. 12, 1965	2.98
Apr. 30	5.43	May 28	4.81	21	3.74	Mar. 26	4.83
Aug. 21	8.82	June 23	6.76	Aug. 1	8.35	Apr. 30	5.44
Oct. 1	10.40	Aug. 7	8.35	Oct. 2	10.70	June 10	7.26
22	10.90	Sept. 9	9.76	Dec. 4	11.29	July 20	8.89
Nov. 21	10.49	Oct. 6	10.40	Jan. 22, 1962	6.62	Aug. 30	10.54
Dec. 30	7.05	Nov. 3	10.51	Mar. 19	6.10	Oct. 12	11.93
Jan. 30, 1958	4.90	Dec. 5	7.18	May 29	7.03	Dec. 9	10.80

a Well being pumped.

470227N1222302.1. Local number 18/3-14Q1. R. H. Butts. Drilled domestic water-table well in unknown aquifer, diam 6 in., depth 62 ft., cased with sheet iron. Lsd about 460 ft above msl. MP top of sheet iron casing extension under pump, at lsd. Highest water level 28.02 below lsd, Feb. 28, 1961; lowest 52.10 below lsd, Nov. 3, 1941. Records available: 1940-48, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 17, 1958	46.66	Aug. 26, 1960	46.99	July 6, 1962	46.87	Mar. 23, 1964	40.02
Sept. 5	48.37	Sept. 30	47.98	26	47.32	May 11	44.55
Nov. 3	49.61	Oct. 28	49.22	Aug. 28	49.00	21	45.51
Dec. 3	45.39	Nov. 29	38.98	Sept. 25	49.64	July 23	47.48
Jan. 27, 1959	30.02	Dec. 28	35.49	Oct. 23	50.46	Aug. 25	48.60
Mar. 6	36.63	Jan. 31, 1961	34.85	Nov. 27	45.65	Sept. 24	50.13
Apr. 2	40.72	Feb. 28	28.02	Dec. 26	37.77	Oct. 22	50.88
May 1	42.85	Apr. 7	35.43	Jan. 25, 1963	38.61	Nov. 24	51.21
26	44.33	June 1	42.39	Feb. 26	38.00	Dec. 21	47.32
July 9	46.50	28	45.01	Apr. 26	39.76	Jan. 25, 1965	35.15
Oct. 22	50.06	Sept. 27	48.85	May 28	43.16	Feb. 23	32.01
Nov. 25	45.89	Nov. 2	50.40	June 24	45.52	Mar. 25	38.54
Mar. 8, 1960	35.75	30	50.92	July 29	46.98	Apr. 23	42.44
Apr. 1	38.31	Jan. 3, 1962	47.19	Oct. 4	49.54	May 27	44.88
28	39.88	Feb. 1	45.32	25	50.45	July 27	47.47
May 26	40.31	Mar. 4	45.45	Nov. 19	47.67	Aug. 30	41.74
June 27	42.69	30	45.07	Dec. 26	45.02	Oct. 5	50.51
July 28	45.78	Apr. 26	44.28	Feb. 7, 1964	29.58	Nov. 2	51.58
		May 31	45.78	Mar. 4	36.31	Dec. 13	49.50

470308N1221546.1. Local number 18/4-14C1. O. Robert Moebius. Drilled domestic water-table well in gravel and sand, diam 4 in., depth 65 ft., cased. Lsd about 775 ft above msl. MP top east side of block pump pit wall, 0.56 ft above lsd. Highest water level 48.98 below lsd, Feb. 28, 1961; lowest 61.86 below lsd, Dec. 30, 1944. Records available: 1940-48, 1958-65.

July 16, 1958	a55.35	June 27, 1960	51.82	May 31, 1962	a56.94	Mar. 26, 1964	51.62
Aug. 13	55.66	July 28	53.40	July 6	a56.28	May 11	53.01
Sept. 5	56.33	Aug. 26	55.18	26	57.22	21	53.32
18	56.63	Sept. 30	56.36	Aug. 28	56.53	July 23	55.18
Oct. 3	56.95	Oct. 28	56.26	Sept. 25	57.36	Aug. 25	56.14
Nov. 3	57.59	Nov. 29	52.52	Oct. 23	57.84	Sept. 24	56.61
Dec. 3	55.06	Dec. 28	52.71	Nov. 27	56.55	Oct. 22	57.40
Jan. 2, 1959	a53.98	Jan. 31, 1961	51.39	Jan. 25, 1963	53.68	Nov. 24	57.96
28	50.66	Feb. 28	48.98	Feb. 26	52.78	Dec. 21	b56.22
Mar. 6	51.37	Apr. 7	50.39	Apr. 26	51.98	Jan. 25, 1965	52.87
Apr. 2	51.59	June 1	51.99	May 28	52.81	Feb. 23	50.47
May 1	52.15	28	50.25	June 24	53.67	Mar. 25	51.28
26	53.29	Sept. 27	55.48	July 29	55.03	Apr. 23	51.86
July 9	53.61	Nov. 2	56.40	Oct. 4	56.91	May 27	52.78
Oct. 21	56.58	30	a57.66	25	57.40	July 27	55.07
Nov. 25	57.04	Jan. 3, 1962	a55.30	Nov. 19	57.09	Aug. 30	56.09
Mar. 8, 1960	50.89	Feb. 1	55.63	Dec. 26	b55.66	Oct. 5	57.63
Apr. 1	51.46	Mar. 4	55.72	Feb. 7, 1964	50.65	Nov. 2	58.00
28	51.28	30	55.14	Mar. 4	51.43	Dec. 6	58.17
May 26	51.13	Apr. 26	a55.93				

a Well being pumped.

b Well pumped recently.

470742N1222633.1. Local number 19/3-17R1. Parkland Light and Water. Parkland. Drilled test water-table well in sand, diam 8 in., depth 265 ft., cased. Lsd about 270 ft above msl. MP top of coupling in casing cap, 0.50 ft above lsd. Highest water level 7.08 below lsd, Mar. 30, 1962; lowest 47.70 below lsd, June 15, 1964. Records available: 1961-65.

June 27, 1961	c41.48	Sept. 25, 1962	19.82	Dec. 29, 1963	c19.00	Jan. 25, 1965	c15.57
Nov. 2	18.01	Oct. 23	16.67	Feb. 7, 1964	c12.94	Feb. 23	14.50
30	17.35	Nov. 27	11.55	4	c22.47	Mar. 25	7.58
Jan. 3, 1962	7.53	Dec. 26	c24.63	26	28.80	Apr. 23	c18.86
Feb. 1	7.38	Jan. 25, 1963	c29.05	June 15	47.70	May 27	12.74
Mar. 4	7.83	Feb. 20	c27.44	July 23	13.01	July 27	c42.42
30	7.08	Apr. 26	c27.82	Aug. 25	c53.33	Aug. 30	22.11
Apr. 26	7.40	May 28	c28.62	Sept. 24	19.23	Oct. 5	20.09
May 31	8.27	June 24	c37.64	Oct. 21	21.17	Nov. 2	18.60
July 6	c12.38	Oct. 23	c51.98	Nov. 24	c50.94	Dec. 13	17.09
Aug. 28	18.10	Nov. 19	c43.21	Dec. 21	c35.85		

c Nearby well being pumped.

470933N1221820.1. Local number 19/4-4L1. Fruitland Mutual Water Co. Drilled unused water-table well in gravel, diam 6 in., depth 240 ft., cased to 240, perforated 200-235. Lsd about 355 ft above msl. MP top of 2-in coupling in casing cap, 0.68 ft above lsd. Highest water level 219.01 below lsd, July 29, 1965; lowest 227.89 below lsd, Feb. 23, 1965. Records available: 1964-65.

June 18, 1964	220.04	Sept. 28, 1964	220.79	Dec. 28, 1964	226.03	May 27, 1965	c223.22
29	219.79	Oct. 5	221.10	Jan. 4, 1965	226.26	July 29	219.01
July 6	219.65	26	221.89	25	226.50	Aug. 30	219.09
27	219.54	Nov. 2	222.48	Feb. 23	227.89	Oct. 5	220.04
Aug. 3	219.79	30	223.96	Mar. 25	226.33	Nov. 2	c221.13
10	220.04	Dec. 5	225.21	Apr. 23	224.97	Dec. 3	222.47
Sept. 14	220.55	11	225.06				

c Nearby well being pumped.

470908N1221851.1. Local number 19/4-8A2. City of Tacoma, Pipe Line Test well #1. Drilled test water-table well in sand, diam 12 in., depth 315 ft., cased to 315, perforated 275-315. Lsd 349.87 ft above msl. MP top of casing, 4.20 ft above lsd. Highest water level 208.61 below lsd, July 28, 1965; lowest 231.61 below lsd, Jan. 25, 1965. Records available: 1963-65.

470905N1221851.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 24, 1963	216.17	Mar. 26, 1964	218.09	Oct. 22, 1964	211.60	May 27, 1965	211.16
Oct. 4	214.31	May 11	211.31	Nov. 24	212.93	July 28	208.61
25	215.30	21	210.85	Dec. 21	c235.70	Aug. 30	208.74
Nov. 19	215.53	June 22	209.57	Jan. 25, 1965	231.61	Oct. 5	209.78
Dec. 29	216.91	July 23	209.40	Feb. 23	c229.69	Nov. 12	210.95
Feb. 7, 1964	218.13	Aug. 24	209.60	Mar. 25	226.72	Dec. 3	212.49
Mar. 4	216.71	Sept. 24	210.23	Apr. 23	225.27		

c Nearby well being pumped.

470912N1221858.1. Local number 19/4-8A3. City of Tacoma, Pipe Line Test well #2. Drilled test water-table well in sand and gravel, diam 12 in, depth 327 ft, cased to 267. Lsd 364.0 ft above msl. MP top of casing, 1.41 ft above lsd. Highest water level 225.78 below lsd, Aug. 30, 1965; lowest 237.69 below lsd, Feb. 23, 1965. Records available: 1963-65.

Apr. 30, 1963	236.67	Dec. 26, 1963	234.29	Oct. 22, 1964	229.10	May 27, 1965	229.03
May 25	234.93	Feb. 7, 1964	235.68	Nov. 20	230.33	July 28	226.44
June 24	233.89	Mar. 4	234.26	Dec. 2	233.00	Aug. 30	225.78
July 29	232.21	26	232.82	14	232.05	Oct. 5	227.32
Oct. 4	231.86	July 23	227.14	Feb. 23, 1965	237.69	Nov. 2	228.52
25	232.84	Aug. 24	227.28	Mar. 25	234.90	Dec. 3	229.79
Nov. 19	232.91	Sept. 24	227.72	Apr. 23	233.58		

470915N1221905.1. Local number 19/4-8A4. City of Tacoma, Pipe Line Test well #3. Drilled test water-table well in gravel and sand, diam 12 in, depth 332 ft, cased. Lsd 355.8 ft above msl. MP top of casing, 2.70 ft above lsd. Highest water level 218.57 below lsd, Jan. 25, 1965; lowest 233.95 below lsd, Apr. 30, 1963. Records available: 1963-65.

Apr. 30, 1963	233.95	Feb. 7, 1964	233.32	Sept. 24, 1964	224.74	Apr. 23, 1965	228.63
May 28	231.92	Mar. 4	231.21	Oct. 22	226.21	May 27	224.69
June 24	230.56	26	229.19	Nov. 24	227.81	July 28	223.39
July 29	228.98	May 11	225.09	Dec. 21	c230.47	Aug. 30	225.81
Oct. 4	229.04	21	224.63	Jan. 25, 1965	218.57	Oct. 5	224.13
25	230.16	July 23	223.43	Feb. 23	c233.87	Nov. 2	225.56
Nov. 19	230.24	Aug. 24	223.84	Mar. 25	230.66	Dec. 3	227.50
Dec. 29	232.12						

c Nearby well being pumped.

470913N1221807.1. Local number 19/4-9B2. Fruitland Mutual Water Co. Drilled public-supply water-table well in gravel, diam 12 in, depth 316 ft, cased to 296, screened 296-316. Lsd about 410 ft above msl. MP top of casing seal at  $\frac{1}{2}$ -in bolt hole, 2.00 ft below lsd. Highest water level 262.36 below lsd, Sept. 1, 1965; lowest 272.72 below lsd, Feb. 23, 1965. Records available: 1964-65.

May 25, 1964	b264.20	Oct. 26, 1964	266.16	Mar. 25, 1965	269.82	Sept. 1, 1965	262.36
June 22	263.12	Nov. 20	266.92	Apr. 23	267.94	Oct. 19	264.45
July 27	262.84	Dec. 28	270.16	May 27	264.47	Nov. 2	264.87
Aug. 24	263.44	Jan. 18, 1965	270.75	July 30	262.45	Dec. 3	270.14
Sept. 28	264.45	Feb. 23	272.72				

b Well pumped recently.

470807N1221845.1. Local number 19/4-16E1. Richard Starkel. Drilled irrigation water-table well in gravel, diam 8 in, depth 296 ft, cased to 296, perforated 281-293. Lsd about 443 ft above msl. MP top of casing seal at  $\frac{1}{2}$ -in hole, 0.60 ft above lsd. Highest water level 276.69 below lsd, June 22, 1964; lowest 289.86 below lsd, Jan. 25, 1965. Records available: 1963-65.

Apr. 29, 1963	289.10	June 22, 1964	276.59	Nov. 20, 1964	285.41	Apr. 23, 1965	279.39
May 28	285.58	Sept. 24	280.86	Jan. 25, 1965	289.86	Oct. 5	282.45
Mar. 26, 1964	280.98	Oct. 22	283.01	Feb. 23	287.53	Dec. 6	286.20

470732N1221853.1. Local number 19/4-20A2. C. G. Aamodt. Fir Grove. Drilled domestic and stock water-table well in sand and gravel, diam 10 in, depth 255 ft, cased to 255, perforated 232-252. Lsd 453 ft above msl. MP top of casing seal at  $\frac{5}{8}$ -in hole, 1.70 ft above lsd. Highest water level 198.69 below lsd, Mar. 25, 1965; lowest 208.80 below lsd, Dec. 3, 1964. Records available: 1963-65.

Apr. 30, 1963	202.55	Oct. 22, 1964	206.79	Feb. 23, 1965	200.14	July 27, 1965	202.28
May 21, 1964	200.44	Nov. 20	208.18	Mar. 25	198.69	Aug. 30	204.04
Aug. 25	204.00	Dec. 3	208.80	Apr. 23	199.32	Oct. 5	206.17
Sept. 24	205.38	Jan. 25, 1965	205.08	May 27	199.80	Nov. 2	207.50

471356N1223126.1. Local number 20/2-11M1. Fircrest Golf Club. Fircrest. Drilled irrigation water-table well in sand and gravel, diam 10 in, depth 257 ft, cased to 257, perforated 236-252. Lsd about 315 ft above msl. MP top edge of  $\frac{3}{4}$ -in pipe at southeast corner of pumpbase, 2.25 ft above lsd. Highest water level 96.89 below lsd, May 11, 1964; lowest 117.95 below lsd, July 6, 1962. Records available: 1961-65.

June 28, 1961	117.77	Mar. 30, 1962	98.12	Nov. 27, 1962	100.70	Feb. 5, 1964	97.68
Oct. 4	97.11	Apr. 26	99.37	Dec. 26	100.38	May 11	96.89
Nov. 2	97.72	May 31	110.07	Jan. 25, 1963	99.11	July 24	105.63
30	97.22	July 6	117.95	Feb. 26	98.87	Aug. 31, 1965	106.43
Jan. 3, 1962	98.52	Aug. 28	116.59	May 28	a118.66	Oct. 5	107.81
Feb. 1	97.20	Sept. 25	100.34	Dec. 10	98.59	Nov. 2	102.90
Mar. 4	96.93	Oct. 23	100.51	24	98.25	Dec. 16	103.18

a Well being pumped.

471326N1222904.1. Local number 20/2-13H1. City of Tacoma #4-A. So. 38th St. and Union Ave., Tacoma. Drilled public-supply water-table well in gravel and sand, diam 38 to 26 in, depth 187 ft, cased to 184, perforated 60-76, 83-121, 125-146, 153-184. Lsd about 245 ft above msl. MP top of  $\frac{1}{2}$ -in nipple on breather pipe in pumpbase, 1.01 ft above lsd. Highest water level 10.58 below lsd, Feb. 8, 1938; lowest 35.67 below lsd, Jan. 31, 1963. Records available: 1930, 1952, 1934-65.

471320N1222904, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1956	20.37	Nov. 29, 1957	21.17	Sept. 1, 1959	19.51	Dec. 27, 1962	31.49
Feb. 3	17.49	Dec. 5	21.99	Oct. 8	24.02	Jan. 31, 1963	35.67
Mar. 7	17.49	Jan. 3, 1958	22.07	Nov. 3	26.04	Mar. 1	30.01
Apr. 6	18.13	Feb. 3	21.44	Dec. 31	27.66	Apr. 1	28.09
May 4	22.06	Mar. 7	19.86	Feb. 2, 1960	24.63	June 24	30.87
June 7	23.69	30	19.49	Mar. 5	23.52	Oct. 3	27.31
July 5	20.60	May 1	20.14	May 7	26.56	2'	33.10
Aug. 1	20.77	June 3	19.12	June 4	27.32	Nov. 1	31.17
Sept. 7	19.50	July 1	19.18	July 2	25.52	Dec. 17	28.27
Nov. 5	23.99	Aug. 1	19.99	Sept. 12	30.19	Jan. 17, 1964	27.54
Dec. 4	21.97	Sept. 6	19.63	Nov. 10	31.89	Feb. 5	26.22
31	24.79	Oct. 4	19.55	Dec. 21	28.52	Mar. 5	25.56
Feb. 5, 1957	21.45	Nov. 1	20.02	Jan. 5, 1961	26.89	Apr. 10	24.27
Mar. 11	20.24	29	22.44	July 7	32.44	Sept. 22	28.34
Apr. 3	19.93	Jan. 15, 1959	21.75	Sept. 27	31.07	Nov. 17	26.91
May 17	19.61	Feb. 3	22.30	Jan. 19, 1962	35.56	Dec. 10	29.64
June 7	19.01	Mar. 7	20.93	Mar. 8	30.64	Jan. 6, 1965	28.64
July 3	20.63	Apr. 9	22.73	July 9	32.80	Mar. 22	32.23
Aug. 7	22.17	28	20.79	Oct. 5	31.10	May 18	35.07
Sept. 3	20.64	June 6	19.76	30	31.53	Oct. 5	31.75
27	20.49	July 5	19.78	Dec. 14	34.79	Dec. 22	31.54
Nov. 4	22.21	Aug. 4	20.41				

471303N1222858, 1. Local number 20/2-13J1. City of Tacoma #6-A. 45th St. South (extended) and So. Tacoma Way, Tacoma. Drilled public-supply water-table well in sand and gravel, diam 38 to 26 in, depth 335 ft, cased to 137, perforated 75-115. Lsd about 266 ft above msl. MP top of  $1\frac{1}{2}$ -in breather pipe, 2.33 ft above lsd. Highest water level 31.28 below lsd, Apr. 10, 1950; lowest 64.58 below lsd, July 7, 1961. Records available: 1939-65.

Jan. 6, 1956	42.17	Nov. 4, 1957	43.97	July 5, 1959	40.43	Dec. 27, 1962	54.00
Feb. 3	38.09	29	43.41	Aug. 4	41.57	Jan. 31, 1963	41.76
Mar. 7	39.19	Dec. 5	42.92	Sept. 1	40.59	Mar. 1	51.36
Apr. 6	39.78	Jan. 3, 1958	43.42	Oct. 8	47.68	Apr. 1	49.07
May 4	45.52	Feb. 3	42.37	Feb. 2, 1960	47.31	June 24	56.72
June 6	47.12	Mar. 7	40.54	Mar. 5	44.97	Oct. 3	47.92
July 5	41.54	30	40.05	May 7	48.45	21	59.07
Aug. 1	42.31	May 1	41.94	June 4	49.71	Nov. 4	52.65
Sept. 7	40.08	June 3	39.87	July 2	46.52	Dec. 17	49.44
Nov. 5	47.95	July 1	39.60	Sept. 13	51.67	Jan. 17, 1964	49.22
Dec. 4	46.69	Aug. 1	40.75	Nov. 10	58.43	Feb. 5	46.98
31	48.25	Sept. 6	39.93	Dec. 21	50.55	Mar. 5	46.86
Feb. 5, 1957	42.67	Oct. 4	39.96	Jan. 5, 1961	48.42	Apr. 10	45.18
Mar. 11	41.43	Nov. 1	40.71	July 7	64.58	Sept. 23	48.84
Apr. 3	40.22	29	51.71	Sept. 27	53.71	Nov. 17	47.18
May 17	40.54	Jan. 15, 1959	42.64	Jan. 19, 1962	59.17	Dec. 10	54.32
June 7	39.52	Feb. 3	44.33	Mar. 8	52.14	Jan. 6, 1965	50.45
July 3	41.94	Mar. 7	42.53	July 9	55.17	Mar. 22	54.25
Aug. 7	45.37	Apr. 9	49.88	Oct. 5	52.68	May 18	61.17
15	42.39	28	41.66	30	53.64	Oct. 5	52.99
Sept. 3	41.29	June 7	40.21	Dec. 14	60.41	Dec. 22	52.92
27	41.09						

471307N1222858, 2. Local number 20/2-13J2. City of Tacoma #11-A. Drilled public-supply water-table well in sand and gravel, diam 36 to 26 in, depth 112 ft, cased to 92, screened 92-112. Lsd about 269 ft above msl. MP top of  $1\frac{1}{2} \times \frac{1}{2}$ -in m.p. indicator bar, 2.55 ft above lsd. Highest water level 37.36 below lsd, May 7, 1954; lowest 60.94 below lsd, Dec. 14, 1962. Records available: 1954-60, 1962-65. No measurement made in 1961.

Jan. 4, 1954	42.05	May 4, 1956	46.00	July 1, 1958	40.06	Jan. 19, 1962	59.52
Feb. 4	38.46	June 6	47.60	Aug. 1	41.20	Mar. 8	52.57
Mar. 9	38.71	July 5	41.87	Sept. 6	40.40	July 9	55.79
Apr. 3	37.45	Aug. 1	42.77	Oct. 4	40.43	Oct. 5	53.12
May 7	37.36	Sept. 6	40.49	Nov. 1	41.22	30	54.10
July 1	40.69	Nov. 5	48.42	29	52.22	Dec. 14	60.94
26	39.33	Dec. 4	49.12	Jan. 15, 1959	43.08	27	54.25
Aug. 6	39.45	31	48.67	Feb. 3	44.80	Jan. 31, 1963	52.18
17	39.45	Feb. 5, 1957	43.10	Mar. 7	43.01	Mar. 1	51.81
Sept. 3	38.95	Mar. 11	41.90	Apr. 9	b50.34	Apr. 1	49.50
Oct. 8	38.77	Apr. 3	40.68	14	45.25	June 24	57.15
Nov. 18	38.48	May 17	41.02	28	42.11	Oct. 3	48.34
Dec. 17	38.80	June 7	40.01	June 7	40.66	21	59.49
Jan. 5, 1955	41.25	July 3	42.42	July 5	40.88	Nov. 1	53.80
Feb. 27	39.65	Aug. 7	45.83	Aug. 4	42.05	Dec. 17	49.78
Mar. 21	38.98	15	42.81	Sept. 1	40.67	Jan. 17, 1964	49.61
May 9	38.87	Sept. 3	41.76	Oct. 8	45.15	Feb. 5	47.37
June 1	40.49	27	43.65	Nov. 3	49.61	Mar. 5	47.26
July 8	41.95	Nov. 4	43.65	Dec. 31	50.49	Apr. 10	45.57
Aug. 5	40.32	29	43.87	Feb. 2, 1960	47.60	Sept. 22	49.27
Sept. 7	39.65	Dec. 5	43.37	Mar. 5	45.29	Nov. 17	47.52
Oct. 4	40.67	Jan. 3, 1958	43.92	May 7	48.76	Dec. 10	54.65
Dec. 7	41.14	Feb. 3	42.83	June 4	50.00	Jan. 6, 1965	50.76
Jan. 4, 1956	42.60	Mar. 7	40.99	July 2	46.82	Mar. 22	54.45
3	39.38	30	40.51	Sept. 13	51.90	Oct. 5	53.28
Mar. 7	39.68	May 1	42.44	Nov. 10	58.71	Dec. 22	53.22
Apr. 6	40.25	June 3	40.55	Dec. 21	50.95		

b Well pumped recently.

471331N1222824.1. Local number 20/3-18C1. City of Tacoma, T-10. Drilled observation water-table well in sand and gravel, diam 12 in, depth 185 ft, cased to 185, perforated 152-175. Lsd 321.64 ft above msl. MP top of recorder-shelter base, 9.48 ft below lsd. Highest water level 89.16 below lsd, June 9, 1952; lowest 112.69 below lsd, Mar. 1, 1965. Records available: 1952-65. Measurements shown after May 6, 1965 are highest daily from recorder chart.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1961	102.53	June 12, 1962	107.81	Sept. 11, 1963	104.55	Nov. 30, 1964	104.46
11	c117.19	19	107.45	19	104.13	Dec. 7	c117.28
19	c120.09	26	107.89	26	103.79	14	104.34
27	104.26	July 3	107.09	Oct. 4	103.54	21	c117.17
Feb. 2	c116.85	10	107.01	11	c119.19	28	105.64
9	c120.99	17	106.78	21	107.46	Jan. 4, 1965	h104.93
16	105.93	24	106.69	28	106.63	11	h104.49
Mar. 1	c120.38	31	107.16	Nov. 4	105.85	18	h104.05
7	c121.51	Aug. 2	106.92	12	105.51	25	h103.92
29	107.15	7	106.93	19	104.92	Feb. 1	ch119.16
Apr. 5	c121.52	14	106.68	26	104.68	8	ch120.47
13	107.87	21	106.54	Dec. 3	105.45	15	ch119.63
20	c118.83	25	106.24	10	104.94	23	ch122.73
28	105.60	29	106.65	17	104.66	Mar. 1	h112.69
May 5	c119.75	Sept. 5	106.55	24	104.04	8	h110.56
22	c119.71	12	106.40	31	104.03	15	h108.35
29	109.51	26	106.10	Jan. 7, 1964	105.17	22	h107.40
June 5	c120.73	Oct. 3	106.42	14	104.37	29	ch122.45
12	107.93	10	105.98	21	103.71	Apr. 5	ch122.01
19	c120.26	17	106.61	28	104.25	12	h110.08
26	c120.23	24	106.28	Feb. 5	103.53	19	h108.92
July 7	106.42	31	106.18	12	102.94	26	ch123.65
14	c119.72	Nov. 7	105.87	19	102.88	May 3	h111.85
21	c120.08	14	105.90	26	c114.22	6	h110.68
Aug. 4	c119.01	21	c118.59	Mar. 4	102.78	15	c116.56
11	c119.18	28	c120.84	11	101.59	20	109.58
18	c118.38	Dec. 5	c121.26	18	102.02	25	108.91
21	c120.36	12	d110.11	25	101.90	31	d108.68
28	107.03	19	108.33	30	101.48	June 5	c119.62
Sept. 4	108.21	26	107.52	Apr. 6	102.00	10	c119.93
12	106.59	Jan. 9, 1963	108.49	13	101.56	19	c119.52
19	106.25	15	107.57	20	101.46	25	c119.63
27	105.75	23	106.97	27	101.15	30	c120.08
Oct. 4	107.75	30	106.42	May 4	100.80	July 4	d110.45
11	c121.73	Feb. 6	c120.13	11	c113.39	10	d110.35
19	109.10	13	107.58	18	102.23	21	d109.93
27	108.61	21	106.82	25	104.31	31	c120.05
Nov. 2	c123.19	27	106.37	June 1	c119.31	Aug. 5	c120.48
10	109.50	Mar. 6	105.85	8	c120.24	10	c120.49
17	108.16	13	105.46	15	109.36	15	d110.19
27	107.81	Apr. 1	104.92	22	108.01	21	c120.61
Dec. 4	107.02	8	104.57	29	106.71	26	d110.13
18	106.51	15	104.37	July 6	c116.72	30	d109.36
27	a122.39	22	104.24	13	c117.97	Sept. 5	109.06
Jan. 3, 1962	c124.02	30	103.79	20	105.71	11	d108.88
11	c124.46	May 7	103.55	27	c117.61	15	108.50
18	d110.24	13	103.40	Aug. 3	106.17	20	108.08
24	d109.03	20	103.05	10	105.60	30	108.11
Feb. 6	d108.27	27	103.15	17	c117.89	Oct. 5	107.77
13	d107.82	June 3	c116.93	24	c118.14	10	107.59
23	107.28	11	103.95	30	105.73	16	107.55
Mar. 1	106.81	18	c117.02	Sept. 8	105.29	21	107.82
12	106.65	25	105.37	14	104.92	25	107.41
19	106.74	July 2	104.59	22	104.59	31	106.99
Apr. 3	d108.86	9	104.24	28	104.18	Nov. 5	c118.18
10	c123.02	16	103.99	Oct. 5	104.01	10	c108.99
18	c124.11	23	104.29	12	103.69	15	108.05
26	108.20	30	104.08	19	103.93	20	107.60
May 3	109.24	Aug. 7	104.65	26	103.69	25	107.41
10	d110.78	14	105.14	Nov. 2	103.67	30	107.06
17	d109.06	22	104.92	9	103.01	Dec. 5	c117.70
24	d111.10	29	c116.19	16	103.08	10	d108.47
June 5	d108.47	Sept. 5	104.49	23	102.89	15	107.66

a Well being pumped.

c Nearly well being pumped.

d Nearly well pumped recently.

h Tape measurement.

471338N1222822.2. Local number 20/3-18C2. City of Tacoma #12-A. South 36th and Pine Sts., Tacoma (12 ft north of well C-1). Drilled public-supply water-table well in sand and gravel, diam 30 in, depth 167 ft, cased to 141, screened 141-167. Lsd about 309 ft above msl. MP top of casing cover pump support plate at 1½ in hole, 11.60 ft below lsd. Highest water level 95.55 below lsd, June 3, 1958; lowest 109.85 below lsd, Jan. 19, 1962. Records available: 1958-65.

Jan. 3, 1958	98.23	Aug. 1, 1958	96.24	Mar. 7, 1959	97.04	Sept. 1, 1959	96.40
Feb. 4	97.85	Sept. 6	96.28	Apr. 9	97.82	Oct. 8	98.90
Mar. 7	96.93	Oct. 4	96.28	15	97.83	Nov. 3	99.81
30	96.55	Nov. 1	96.74	28	97.00	Dec. 31	102.81
May 1	96.34	29	98.88	June 6	96.57	Feb. 2, 1960	100.79
June 3	95.55	Jan. 15, 1959	98.29	July 5	96.29	Mar. 5	98.79
July 1	95.99	Feb. 3	98.53	Aug. 4	96.50	May 7	101.46



## 471338N1222822, 2-Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 4, 1960	101.50	Mar. 8, 1962	106.62	Oct. 3, 1963	104.10	Sept. 23, 1964	104.92
July 2	100.92	July 9	107.55	21	107.81	Nov. 17	103.10
Sept. 13	102.82	Dec. 14	109.25	Nov. 4	106.33	Dec. 10	105.41
Nov. 10	103.60	27	107.78	Dec. 17	105.11	Jan. 6, 1965	105.04
Dec. 21	103.57	Jan. 31, 1963	106.63	Jan. 17, 1964	104.07	Mar. 22	107.95
Jan. 5, 1961	102.62	Mar. 1	106.70	Feb. 5	103.96	Oct. 5	108.34
Sept. 27	105.83	Apr. 1	106.51	Mar. 5	103.22	Dec. 22	107.73
Jan. 19, 1962	109.85	June 24	105.98	Apr. 10	102.11		

471342N1222849.1. Local number 20/3-18D1. City of Tacoma #2-A. South 35th St. and Lawrence Ave., Tacoma. Drilled public-supply water-table well in sand and gravel, diam 38 to 26 in, depth 172 ft, cased to 147, perforated 58-110, 113-146. Lsd about 243 ft above msl. MP top of 1½-in nipple in pumpbase, 1.07 ft above lsd. Highest water level 19.62 below lsd, Feb. 8, 1938; lowest 49.91 below lsd, Oct. 21, 1963. Records available: 1930, 1934, 1937-65. (Measurements published for this well for 1953, 1954, and 1955 were reported 0.20 ft low.)

Jan. 4, 1956	29.23	Nov. 29, 1957	31.39	Sept. 1, 1959	33.55	Dec. 27, 1962	30.36
Feb. 3	22.92	Dec. 5	31.58	Oct. 8	34.97	Jan. 31, 1963	28.58
Mar. 7	21.89	Jan. 3, 1958	31.38	Nov. 3	35.65	Mar. 1	35.25
Apr. 6	25.91	Feb. 4	31.03	Dec. 31	30.95	Apr. 1	33.37
May 4	32.55	Mar. 7	29.39	Feb. 2, 1960	32.01	June 24	40.18
June 7	35.63	30	29.28	Mar. 5	27.72	Oct. 3	40.14
July 4	33.47	May 1	32.54	May 7	34.88	21	49.91
Aug. 1	34.21	June 3	32.45	June 4	36.18	Nov. 1	40.65
Sept. 7	34.81	July 1	33.33	July 2	38.15	Dec. 17	34.12
Nov. 5	32.33	Aug. 1	33.56	Sept. 13	37.92	Jan. 17, 1964	33.09
Dec. 4	31.06	Sept. 6	33.53	Nov. 10	40.83	Feb. 5	32.29
31	27.43	Oct. 4	33.62	Dec. 21	34.83	Mar. 5	32.54
Feb. 5, 1957	27.09	Nov. 1	31.34	Jan. 5, 1961	32.62	Apr. 10	32.08
Mar. 11	29.18	29	33.57	July 7	45.92	Sept. 23	39.62
Apr. 3	32.01	Jan. 15, 1959	30.03	Sept. 27	38.08	Nov. 17	42.90
May 17	32.61	Feb. 3	31.09	Jan. 19, 1962	36.31	Dec. 10	38.00
June 10	32.55	Mar. 7	28.64	Mar. 8	32.23	Jan. 6, 1965	32.64
July 3	36.49	Apr. 9	31.85	July 9	41.73	Mar. 22	41.31
Aug. 15	33.45	28	32.92	Oct. 5	42.47	May 19	42.43
Sept. 3	33.28	June 6	31.89	30	37.84	Oct. 5	40.07
27	34.05	July 5	32.66	Dec. 14	43.80	Dec. 22	39.23
Nov. 4	32.40	Aug. 4	34.56				

471342N1222849.2. Local number 20/3-18D2. City of Tacoma #2-B. 35th St. and Union Ave., Tacoma. Drilled public-supply water-table well in gravel, diam 36 to 30 in, depth 83 ft, screened 58-78. Lsd about 245 ft above msl. MP top of 1½ × ¼-in vertical iron m.p. indicator bar under pumpbase, 1.65 ft above lsd. Highest water level 9.66 below lsd, May 11, 1950; lowest 33.04 below lsd, Jan. 19, 1962. Records available: 1949-65.

Aug. 29, 1949	13.05	July 1, 1954	17.89	Sept. 3, 1957	19.26	July 2, 1960	22.51
Nov. 1	12.50	26	17.36	27	19.25	Sept. 13	24.57
Dec. 14	12.35	Aug. 6	17.26	Nov. 4	20.17	Nov. 10	25.35
Mar. 30, 1950	10.52	Sept. 3	17.12	29	20.18	Dec. 21	25.09
Apr. 10	9.87	Oct. 11	16.90	Dec. 5	20.35	Jan. 5, 1961	25.00
May 11	9.66	Nov. 18	16.07	Jan. 3, 1958	20.50	July 2	28.80
June 1	10.30	Dec. 19	17.25	Feb. 4	18.95	Sept. 27	27.39
July 31	11.75	Jan. 5, 1955	17.67	Mar. 7	18.38	Jan. 13, 1962	33.04
Sept. 1	11.59	Feb. 27	17.71	30	18.85	Mar. 8	29.64
Oct. 3	11.55	May 9	17.30	May 1	18.62	July 9	27.90
30	11.53	June 1	17.88	June 3	18.47	Oct. 5	28.14
Dec. 6	11.76	July 8	18.93	July 1	18.36	30	28.14
Dec. 27, 1951	11.44	Aug. 5	18.43	Aug. 1	18.61	Dec. 14	29.55
Mar. 3, 1952	12.66	Sept. 7	18.12	Sept. 6	18.75	27	29.87
Apr. 16	12.94	Oct. 4	18.25	Oct. 4	18.95	Jan. 31, 1963	28.03
Oct. 3	17.75	Dec. 7	17.80	Nov. 1	18.40	Mar. 1	27.94
Nov. 5	17.55	Jan. 4, 1956	19.13	29	21.31	Apr. 1	26.80
Dec. 5	17.50	Feb. 3	18.43	Jan. 15, 1959	20.59	June 2	27.63
Jan. 2, 1953	16.04	Mar. 7	17.82	Feb. 3	20.71	Oct. 3	26.10
7	15.63	Apr. 6	16.64	Mar. 7	19.47	2	28.69
Feb. 25	17.25	May 4	18.78	Apr. 9	20.22	Nov. 1	28.07
Apr. 1	15.15	June 7	20.04	15	19.95	Dec. 17	27.10
May 8	16.10	July 5	18.80	28	19.28	Jan. 17, 1964	26.13
June 2	16.25	Aug. 1	18.63	June 6	18.07	Feb. 5	24.85
25	16.93	Sept. 6	18.08	July 5	18.76	Mar. 5	24.03
Aug. 10	17.45	Nov. 5	20.10	Aug. 4	18.93	Apr. 1	24.05
Sept. 3	17.81	Dec. 4	18.85	Sept. 1	18.11	Sept. 23	26.92
10	16.80	31	20.70	Oct. 8	20.40	Nov. 17	25.55
Nov. 10	17.39	Feb. 5, 1957	20.27	Nov. 3	22.85	Dec. 1	27.07
Dec. 28	18.70	Mar. 11	19.33	Dec. 31	24.99	Jan. 6, 1965	27.10
Jan. 4, 1954	18.63	Apr. 3	18.59	Feb. 2, 1960	23.00	Mar. 22	29.88
Feb. 4	17.07	May 17	17.35	Mar. 5	21.41	May 19	32.53
Mar. 9	16.60	June 10	18.08	May 7	24.13	Oct. 5	30.29
Apr. 3	16.33	July 3	18.91	June 4	23.82	Dec. 22	30.05
May 7	15.93	Aug. 15	18.77				

471333N1222838.1. Local number 20/3-18D3. City of Tacoma #9-A. South Tacoma Way and Lawrence St., Tacoma. Drilled public-supply water-table well in gravel, diam 36 to 30 in, depth 127 ft, cased to 93, screened 93-113. Lsd about 280 ft above msl. MP top of 1½ × ¼-in vertical iron m.p. indicator bar under pumpbase, 1.90 ft above lsd. Highest water level 42.88 below lsd, Jan. 5, 1955; lowest 68.05 below lsd, Jan. 19, 1962. Records available: 1955-65.

471333N1222836,1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1955	42.88	June 10, 1957	53.40	Apr. 9, 1959	55.65	Oct. 5, 1962	64.24
Feb. 27	52.85	July 3	54.35	15	55.34	30	64.30
Mar. 21	54.60	Aug. 7	56.02	28	54.68	Dec. 14	66.90
May 9	52.52	15	55.06	June 6	54.10	27	65.39
June 1	52.14	Sept. 3	54.51	July 5	53.20	Jan. 31, 1963	64.28
July 8	53.32	27	54.54	Aug. 4	53.18	Mar. 1	65.12
Aug. 5	53.53	Nov. 4	55.58	Sept. 1	54.02	Apr. 1	62.83
Oct. 4	53.52	29	55.82	Oct. 8	56.83	June 24	63.42
Dec. 7	53.40	Dec. 5	55.75	Nov. 3	58.61	Oct. 3	61.60
Jan. 4, 1956	54.53	Jan. 3, 1958	55.94	Dec. 31	60.78	21	66.60
Feb. 3	52.75	Feb. 4	55.47	Feb. 2, 1960	58.45	Nov. 4	63.85
Mar. 7	52.10	Mar. 7	54.54	Mar. 5	57.49	17	62.55
Apr. 6	51.98	30	54.15	May 7	59.25	Jan. 17, 1964	61.55
May 4	54.45	May 1	54.00	June 4	59.42	Feb. 5	61.25
June 7	55.40	June 3	52.15	July 2	58.64	Mar. 5	60.49
July 5	54.24	July 1	53.16	Sept. 13	60.10	Apr. 10	59.37
Aug. 1	54.02	Aug. 1	53.85	Nov. 10	61.79	Sept. 23	62.41
Nov. 5	55.60	Sept. 6	53.91	Dec. 21	61.64	Nov. 17	60.92
Dec. 4	53.93	Oct. 4	53.08	Jan. 5, 1961	60.42	Dec. 10	62.99
31	57.10	Nov. 1	54.40	July 7	63.50	Jan. 6, 1965	62.60
Feb. 5, 1957	56.66	29	56.90	Sept. 27	63.68	Mar. 22	65.48
Mar. 11	54.69	Jan. 15, 1959	55.94	Jan. 19, 1962	68.05	May 18	67.84
Apr. 3	54.00	Feb. 3	56.20	Mar. 8	64.42	Oct. 5	65.81
May 17	53.51	Mar. 7	54.72	Sept. 9	64.66	Dec. 22	65.35

471201N1222830,1. Local number 20/3-19P1. City of Tacoma #1-A. South 64th and Clement Sts., Tacoma. Drilled public-supply water-table well in sand and gravel, diam 38 to 24 in, depth 305 ft, cased to 305. Lsd 260.9 ft above msl. MP low lip of 4-in gravel pipe under small "water meter" box in concrete walkway outside pumphouse door, 2.75 ft above lsd. Highest water level 25.00 below lsd, Aug. 7, 1937; lowest 43.00 below lsd, Oct. 21, 1963. Records available: 1930, 1932, 1934-65.

Jan. 4, 1956	32.16	Nov. 29, 1957	35.25	Aug. 4, 1959	34.25	Dec. 27, 1962	39.73
Feb. 3	31.43	Dec. 5	35.27	Sept. 1	34.76	Jan. 30, 1963	39.09
Mar. 7	31.84	Jan. 3, 1958	34.90	Oct. 8	35.53	Mar. 4	38.64
Apr. 6	31.92	Feb. 3	33.90	Nov. 3	35.67	May 1	38.47
May 4	33.79	Mar. 7	33.41	Dec. 31	35.82	June 24	38.78
June 6	34.79	30	33.45	Feb. 2, 1960	34.97	Oct. 3	38.09
July 5	34.29	May 1	34.14	Mar. 5	33.75	21	43.00
Aug. 1	34.19	June 3	33.75	May 7	35.42	Nov. 4	39.71
Sept. 6	34.78	July 1	34.17	June 4	36.06	17	37.90
Nov. 5	35.84	Aug. 1	34.88	July 2	36.14	Jan. 17, 1964	36.77
Dec. 4	40.45	Sept. 6	34.90	Sept. 12	38.61	Feb. 5	35.89
31	35.25	Oct. 4	34.95	Nov. 10	39.43	Mar. 5	36.09
Feb. 5, 1957	34.95	Nov. 1	34.92	Dec. 21	37.69	Apr. 10	35.36
Mar. 11	33.39	29	36.12	Jan. 5, 1961	37.00	Sept. 23	39.34
Apr. 3	33.05	Jan. 15, 1959	33.70	Sept. 27	40.10	Nov. 17	39.19
May 17	33.75	Feb. 3	33.42	Jan. 19, 1962	40.36	Dec. 10	39.69
June 7	33.80	Mar. 7	33.28	Mar. 8	39.29	Jan. 6, 1965	37.85
July 3	34.36	Apr. 9	35.26	July 9	41.26	Mar. 22	38.92
Aug. 1	34.54	28	33.65	Oct. 5	41.12	May 18	40.81
Sept. 3	34.75	June 7	33.91	30	41.15	Oct. 5	41.38
27	34.82	July 5	34.05	Dec. 14	42.05	Dec. 22	40.70
Nov. 4	35.35						

471203N1222828,1. Local number 20/3-19P4. City of Tacoma #11. South 62d St. and Clement Ave., Tacoma. Drilled unused water-table well in sand and gravel, diam 14 to 12 in, reported depth 240 ft, cased with steel. Lsd 263.8 ft above msl. MP top of steel plate casing cap at  $\frac{3}{4}$ -in hole, 6.43 ft below lsd. Highest water level 30.65 below lsd, Feb. 8, 1938; lowest 45.57 below lsd, Oct. 21, 1963. Records available: 1908-09, 1925-31, 1937-40, 1945-63, 1965.

Jan. 4, 1956	34.95	Sept. 27, 1957	37.11	Apr. 9, 1959	37.98	Jan. 19, 1962	43.23
Feb. 3	34.18	Nov. 4	38.11	28	36.43	Mar. 8	42.08
Mar. 7	34.63	29	38.02	June 7	36.66	July 9	43.50
Apr. 6	34.73	Dec. 5	38.06	July 5	36.83	Oct. 5	43.91
May 4	36.51	Jan. 3, 1958	37.65	Aug. 4	37.43	Dec. 14	44.83
June 6	37.53	Feb. 3	37.00	Sept. 1	37.51	27	42.23
July 5	37.04	Mar. 7	36.14	Oct. 8	38.26	Jan. 30, 1963	41.93
Aug. 1	37.20	30	36.18	Nov. 3	38.84	Mar. 4	41.33
Sept. 7	37.47	May 1	36.67	Dec. 31	38.60	Apr. 1	40.87
Nov. 5	38.63	June 3	36.58	Feb. 2, 1960	37.78	June 24	41.43
Dec. 4	42.91	July 1	37.00	Mar. 5	36.97	Oct. 3	42.13
31	37.93	Aug. 1	37.66	May 7	38.20	21	45.57
Feb. 5, 1957	37.73	Sept. 6	37.66	June 4	38.86	Nov. 4	42.31
Mar. 11	36.16	Oct. 4	37.70	July 6	38.93	Dec. 17	40.71
Apr. 3	35.83	Nov. 1	37.65	Sept. 12	40.38	Jan. 6, 1965	40.63
May 17	36.51	29	38.80	Nov. 10	42.02	Mar. 22	41.71
June 17	36.28	Jan. 15, 1959	36.46	Dec. 21	40.33	May 18	43.55
July 3	37.10	Feb. 3	36.33	Jan. 5, 1961	39.97	Oct. 5	43.72
Aug. 15	37.28	Mar. 7	36.07	Sept. 27	42.86	Dec. 22	43.53

471157N1222830,1. Local number 20/3-30C2. City of Tacoma #5. South 64th St. and Clement Ave., Tacoma. Drilled unused water-table well in sand and gravel, diam 12 to 10 in, reported depth 244 ft, cased. Lsd about 266 ft above msl. MP top of casing at seam, 0.10 ft below lsd. Highest water level 33.72 below lsd, Mar. 31, 1938; lowest 49.61 below lsd, Oct. 21, 1963. Records available: 1908-09, 1925-31, 1937-65.

## 471157N1222830, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1956	40.25	Nov. 4, 1957	41.50	Aug. 4, 1959	40.10	Jan. 30, 1963	45.32
Feb. 3	37.50	29	41.37	Sept. 1	40.86	Mar. 4	44.72
Mar. 1	37.88	Dec. 5	41.40	Oct. 8	41.60	Apr. 1	44.24
Apr. 5	37.13	Jan. 3, 1958	41.01	Nov. 3	42.19	June 24	44.78
May 4	39.80	Feb. 3	40.10	Dec. 31	41.88	Oct. 3	44.60
June 6	40.87	Mar. 30	39.50	Feb. 2, 1960	40.85	21	49.61
July 5	40.39	May 1	40.05	Mar. 5	40.23	Nov. 4	46.36
Aug. 1	40.56	June 3	39.85	May 7	41.48	Dec. 17	43.96
Sept. 7	41.85	July 1	40.38	June 4	42.10	Jan. 17, 1964	42.88
Nov. 5	41.99	Aug. 1	41.08	July 2	42.22	Feb. 5	42.39
Dec. 4	46.28	Sept. 6	41.02	Sept. 12	43.64	Mar. 5	42.38
31	41.40	Oct. 4	41.06	Oct. 10	45.49	Apr. 10	41.65
Feb. 5, 1957	41.02	Nov. 1	41.40	Dec. 21	43.70	Sept. 23	45.75
Mar. 11	39.52	29	43.13	Jan. 5, 1961	42.86	Nov. 17	45.56
Apr. 3	39.18	Jan. 15, 1959	39.77	Sept. 27	46.85	Dec. 10	46.25
May 17	39.84	Feb. 3	39.55	Jan. 19, 1962	47.20	Jan. 6, 1965	44.65
June 7	39.77	Mar. 7	39.39	Mar. 8	46.00	Mar. 22	45.65
July 3	40.45	Apr. 9	41.24	July 9	47.29	May 13	47.54
Aug. 15	40.65	28	39.76	Oct. 5	44.69	Oct. 5	47.83
Sept. 3	40.70	June 7	40.00	Dec. 14	48.05	Dec. 22	47.34
27	40.90	July 5	40.19	27	46.10		

471148N1222830, 1. Local number 20/3-30C4. City of Tacoma #8-A. South 66th St. and Clement Ave., Tacoma. Drilled public-supply water-table well in sand and gravel, diam 26 in, depth 307 ft, cased to 302. Lsd about 267 ft above msl. MP top of 1½-in breather pipe in pumpbase flange, 2.07 ft above lsd. Highest water level 33.50 below lsd, Mar. 31, 1947; lowest 48.13 below lsd, Oct. 21, 1963. Records available: 1939-65.

Jan. 4, 1956	37.63	Nov. 29, 1957	41.14	Aug. 4, 1959	40.70	Dec. 27, 1962	45.15
Feb. 3	37.29	Dec. 5	41.13	Sept. 1	40.64	Jan. 30, 1963	44.44
Mar. 1	37.73	Jan. 3, 1958	40.75	Oct. 8	41.33	Mar. 4	44.00
Apr. 5	37.92	Feb. 3	39.77	Nov. 3	41.83	Apr. 1	43.57
May 4	39.43	Mar. 8	39.17	Dec. 31	41.41	June 24	44.13
June 6	40.63	30	39.28	Feb. 2, 1960	40.58	Oct. 3	44.38
July 5	40.19	May 1	39.75	Mar. 5	39.83	21	48.13
Aug. 1	40.39	June 3	39.73	May 7	40.93	Nov. 1	45.25
Sept. 6	40.67	July 1	40.14	June 11	41.55	Dec. 17	43.37
Nov. 5	41.76	Aug. 1	40.57	July 2	41.72	Jan. 17, 1964	42.18
Dec. 4	45.47	Sept. 6	40.84	Sept. 12	43.17	Feb. 5	41.02
31	41.11	Oct. 4	40.88	Nov. 10	44.93	Mar. 5	41.12
Feb. 5, 1957	40.73	Nov. 1	40.85	Dec. 21	44.15	Apr. 10	41.20
Mar. 11	39.30	29	41.74	Jan. 5, 1961	42.52	Sept. 23	44.46
Apr. 3	38.93	Jan. 15, 1959	39.39	Sept. 27	45.56	Nov. 17	44.33
May 17	39.58	Feb. 3	39.43	Jan. 19, 1962	45.69	Dec. 10	44.93
June 7	39.70	Mar. 7	39.05	Mar. 8	44.61	Jan. 6, 1965	43.37
July 3	40.24	Apr. 9	40.73	July 9	46.59	Mar. 22	44.31
Aug. 15	40.43	28	39.44	Oct. 5	46.56	May 18	46.00
Sept. 3	40.53	June 7	39.75	30	46.63	Oct. 5	46.33
27	40.68	July 5	39.74	Dec. 11	46.73	Dec. 22	46.19
Nov. 4	41.26						

471124N1222830, 1. Local number 20/3-30L5. City of Tacoma #7-A. South 74th St. and Clement Ave., Tacoma. Drilled public-supply water-table well in gravel, diam 26 to 16 in, depth 307 ft, cased to 307, perforated 100-117, 175-185, 204-282. Lsd 255.9 ft above msl. MP top of 1½-in nipple in pumphouse, 1.35 ft above lsd. Highest water level 18.85 below lsd, Mar. 9, 1951; lowest 30.37 below lsd, Oct. 21, 1963. Records available: 1939-65.

Feb. 3, 1956	21.35	Dec. 5, 1957	25.58	Sept. 1, 1959	25.16	Dec. 27, 1962	28.15
Mar. 1	22.22	Jan. 3, 1958	25.07	Oct. 8	25.69	Jan. 30, 1963	27.39
Apr. 5	22.22	Feb. 3	23.99	Nov. 3	26.06	Mar. 1	26.89
May 4	23.80	Mar. 8	23.22	Dec. 31	25.06	Apr. 1	26.56
June 6	25.17	30	23.55	Feb. 2, 1960	24.35	June 24	27.05
July 5	24.66	May 1	24.13	Mar. 5	23.56	Oct. 3	27.70
Aug. 1	24.86	June 3	24.22	May 7	24.35	2	30.37
Sept. 7	25.16	July 1	24.60	June 4	24.97	Nov. 4	28.88
Nov. 5	25.63	Aug. 1	25.25	July 2	25.24	Dec. 17	26.73
Dec. 4	26.25	Sept. 6	25.56	Sept. 12	26.68	Jan. 17, 1964	25.25
31	25.56	Oct. 4	25.64	Nov. 10	28.79	Feb. 5	23.77
Feb. 5, 1957	24.97	Nov. 1	25.70	Dec. 21	26.77	Mar. 5	24.44
Mar. 11	23.56	29	25.52	Jan. 5, 1961	26.03	Apr. 10	24.80
Apr. 3	23.15	Jan. 15, 1959	23.39	Aug. 14	30.32	Sept. 23	28.13
May 17	23.88	Feb. 3	22.80	Sept. 27	28.83	Nov. 17	27.96
June 7	24.06	Mar. 7	22.78	Jan. 19, 1962	28.80	Dec. 10	28.70
July 3	24.51	Apr. 9	23.97	Mar. 8	27.15	Jan. 6, 1965	26.97
Aug. 15	23.75	28	23.66	July 9	29.25	Mar. 22	27.57
Sept. 3	25.00	June 6	24.06	Oct. 5	29.76	May 18	28.76
27	25.20	July 5	24.41	30	29.96	Oct. 5	29.24
Nov. 4	25.75	Aug. 4	25.02	Dec. 14	29.91	Dec. 22	29.34
29	25.65						

471119N1222831, 1. Local number 20/3-30L6. City of Tacoma #10-B. South 74th and Cedar Sts., Tacoma. Drilled public-supply water-table well in gravel, diam 30 to 18 in, depth 83 ft, cased to 49, screened 50-81. Lsd about 257 ft above msl. MP top of boss on pumpbase at 1-in breather hole, 0.70 ft above lsd. Highest water level 24.05 below lsd, Feb. 5, 1964; lowest 31.97 below lsd, May 18, 1965. Records available: 1956-65.

471119N1222831.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 31, 1956	27.10	July 1, 1958	25.73	Feb. 2, 1960	25.04	Mar. 1, 1963	27.02
Feb. 5, 1957	26.36	Aug. 1	26.48	Mar. 5	24.27	Apr. 1	26.52
Mar. 11	25.04	Sept. 6	26.86	May 7	24.83	June 24	27.10
Apr. 3	24.58	Oct. 4	26.96	June 4	25.49	Oct. 3	27.68
May 17	24.11	Nov. 1	27.06	July 2	25.73	21	29.88
June 7	25.44	29	26.53	Sept. 12	27.12	Nov. 4	29.20
July 3	25.82	Jan. 15, 1959	24.82	Nov. 10	29.26	Dec. 17	27.04
Aug. 7	26.18	Feb. 3	24.06	Dec. 21	27.46	Jan. 17, 1964	25.48
Sept. 3	26.33	Mar. 7	24.47	Jan. 5, 1961	26.67	Feb. 5	24.05
27	26.54	Apr. 9	24.98	July 14	31.00	Mar. 5	24.77
Nov. 4	26.88	14	24.73	Sept. 27	29.01	Apr. 10	25.20
29	26.88	28	25.03	Jan. 19, 1962	29.26	Sept. 23	28.37
Dec. 5	26.88	June 7	25.41	Mar. 8	27.84	Nov. 17	28.17
Jan. 3, 1958	26.38	July 5	25.78	July 9	29.16	Dec. 10	29.10
Feb. 3	25.46	Aug. 4	26.23	Oct. 5	29.87	Jan. 6, 1965	27.44
Mar. 8	24.62	Sept. 1	25.90	30	30.10	Mar. 22	27.95
30	24.98	Oct. 8	26.28	Dec. 14	30.00	May 18	31.97
May 1	25.46	Nov. 3	26.60	27	28.45	Oct. 5	29.22
June 3	25.64	Dec. 31	25.60	Jan. 30, 1963	27.58	Dec. 22	29.60

471110N1222845.1. Local number 20/3-30N1. City of Tacoma #3-A. Drilled public-supply water-table well in gravel, diam 38 to 26 in, depth 325 ft, cased to 325, perforated 72-152, 233-252, 263-323. Lsd 270.9 ft above msl. MP top of  $1\frac{1}{2} \times \frac{1}{4}$ -in vertical iron mp indicator bar under pumpbase, 1.94 ft above lsd. Highest water level 36.00 below lsd, Apr. 24, 1935; lowest 46.00 below lsd, Oct. 21, 1963. Records available: 1931-65. Note: Measurements previously reported for 1953, 1954 and 1955 were 1.30 ft too low.

Jan. 10, 1956	37.83	Nov. 29, 1957	40.69	Sept. 1, 1959	41.47	Dec. 27, 1962	42.84
Feb. 3	37.84	Dec. 4	41.70	Oct. 8	41.71	Jan. 30, 1963	42.36
Mar. 1	38.49	Jan. 3, 1958	41.33	Nov. 3	41.96	Mar. 1	42.04
Apr. 5	38.53	Feb. 3	40.10	Dec. 31	40.74	Apr. 1	41.64
May 4	39.91	Mar. 8	39.46	Feb. 2, 1960	40.06	June 24	42.40
June 6	40.96	30	39.66	Mar. 5	39.37	Oct. 3	43.26
July 5	40.66	May 1	40.06	May 7	39.86	21	46.00
Aug. 1	41.35	June 3	40.19	June 4	40.46	Nov. 4	44.00
Sept. 7	41.65	July 1	40.82	July 2	41.10	Dec. 17	42.12
Nov. 5	42.46	Aug. 1	41.91	Sept. 12	42.28	Jan. 17, 1964	40.68
Dec. 4	42.33	Sept. 6	41.99	Nov. 10	44.12	Feb. 5	39.75
31	41.58	Oct. 4	41.83	Dec. 21	41.81	Mar. 5	40.17
Feb. 5, 1957	40.91	Nov. 1	41.91	Jan. 5, 1961	41.16	Apr. 10	40.26
Mar. 11	39.44	29	41.76	July 14	42.86	Sept. 23	43.63
Apr. 3	39.33	Jan. 15, 1959	39.55	Sept. 27	44.01	Nov. 17	43.46
May 17	39.92	Feb. 3	39.01	Jan. 19, 1962	43.46	Dec. 10	43.76
June 7	40.24	Mar. 7	39.16	Mar. 8	42.56	Jan. 6, 1965	42.16
July 3	40.78	Apr. 9	40.03	July 9	44.53	Mar. 22	42.45
Aug. 15	40.73	28	39.56	Oct. 5	44.67	May 18	44.11
Sept. 3	41.20	June 7	40.11	30	45.09	Oct. 5	44.39
27	41.26	July 5	40.51	Dec. 14	44.33	Dec. 22	44.26
Nov. 4	40.73	Aug. 4	41.59				

471103N122255.1. Local number 20/3-35G1. L. S. Broxson. E. 84th and Waller Rd., Tacoma. Dug domestic water-table well in sand and gravel below Vashon Drift, diam 27 in, depth 185 ft, lined with concrete to 185. Lsd about 428 ft above msl. MP top of 1-in pipe in well cover, 2.80 ft below lsd. Highest water level 178.57 below lsd, Mar. 18, 1951; lowest 182.27 below lsd, Mar. 18, 1945. Records available: 1940-65.

Jan. 31, 1961	180.11	Apr. 26, 1962	b180.81	July 30, 1963	b180.10	Oct. 22, 1964	181.04
Feb. 28	179.71	30	180.87	Aug. 30	180.30	Nov. 24	181.21
Mar. 30	179.26	May 31	b184.80	Sept. 26	180.59	Dec. 21	181.24
Apr. 7	178.62	Aug. 1	a180.97	Oct. 25	b180.82	Jan. 18, 1965	182.16
May 1	178.73	2	180.55	Nov. 26	181.09	25	182.26
31	178.94	24	180.67	Dec. 26	181.00	Feb. 23	181.46
June 28	179.03	Sept. 25	181.00	Jan. 29, 1964	181.60	Mar. 25	181.39
Aug. 1	179.68	Oct. 23	181.18	Feb. 27	181.12	Apr. 26	179.84
29	179.95	Nov. 27	181.46	Mar. 26	179.99	May 27	181.21
Sept. 27	b180.23	Dec. 26	181.20	27	179.71	June 24	180.29
Oct. 31	179.90	Jan. 25, 1963	181.24	Apr. 24	179.64	July 29	180.42
Nov. 30	b180.31	Feb. 26	181.06	May 21	180.23	Aug. 30	180.60
Dec. 27	180.22	Mar. 31	180.49	June 25	179.80	Sept. 28	180.88
Jan. 31, 1962	180.78	Apr. 26	180.22	July 23	180.69	Oct. 27	180.84
Mar. 1	180.55	May 28	180.44	Aug. 24	180.31	Nov. 29	181.75
30	180.96	June 24	180.41	Sept. 28	180.87	Dec. 28	180.18

a Well being pumped.

b Well pumped recently.

471038N1221347.1. Local number 20/4-36H2. Frank Chervenka. Pioneer Way and Sumner-Orting Rd. Drilled irrigation water-table well in unknown aquifer (previously reported unconsolidated Quaternary alluvium), diam 6 in, depth 77 ft, cased. Lsd about 82 ft above msl. MP top of concrete pumpbase, 0.70 ft above lsd. Highest water level 2.91 below lsd, Feb. 28, 1961; lowest 8.79 below lsd, Oct. 13, 1939. Records available: 1938-65.

## 471038N1221347.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1961	4.50	May 31, 1962	6.46	July 29, 1963	6.91	Oct. 21, 1964	7.28
Feb. 28	2.91	July 6	7.07	Oct. 4	6.59	Nov. 24	6.51
Apr. 7	4.69	26	7.58	25	7.50	Dec. 22	4.71
June 1	4.80	Aug. 28	7.84	Nov. 19	6.17	Jan. 25, 1965	4.83
28	a10.32	Sept. 25	8.08	Dec. 26	5.08	Feb. 23	4.34
Sept. 27	7.64	Oct. 23	7.77	Feb. 7, 1964	3.93	Mar. 25	5.47
Nov. 2	7.49	Nov. 27	6.87	Mar. 4	5.04	Apr. 26	5.28
30	6.98	Dec. 26	5.41	26	5.32	May 27	4.42
Jan. 3, 1962	5.60	Jan. 26, 1963	5.65	May 11	6.07	July 27	6.32
Feb. 1	6.13	Feb. 26	5.06	21	6.10	Aug. 30	6.54
Mar. 4	6.18	Apr. 26	5.29	July 23	6.42	Oct. 5	6.88
30	6.18	May 28	5.92	Aug. 24	7.01	Nov. 4	6.78
Apr. 25	6.44	June 24	6.53	Sept. 22	7.17	Dec. 13	5.96

a Well being pumped.

## Snohomish County

474953N1221405.1. Local number 27/4-15F2. Alderwood Water District well #7. Alderwood Manor. Drilled unused public-supply water-table well in sand, diam 20 to 14 in, depth 276 ft, cased to 246, screened 246-276. Lsd about 547 ft above msl. MP airline gage. Highest water level 147 below lsd, Sept. 27, 1965; lowest 169 below lsd, June 14, 1963. Records available: 1963-65.

June 14, 1963	169	Feb. 19, 1964	160	Nov. 23, 1964	154	July 27, 1965	150
Aug. 13	167	Apr. 15	159	Jan. 26, 1965	154	Sept. 27	147
Oct. 16	166	July 22	156	Mar. 24	150	Dec. 1	148
Dec. 19	166	Sept. 23	156	May 26	149		

475446N1221202.1. Local number 28/5-17L1. Snohomish County Public Utility District #1. Everett. Drilled public-supply water-table well in sand, diam 12 in, depth 242 ft, cased to 202, screened to 238. Lsd about 485 ft above msl. MP top edge of 1½-in hole in turbine pumpbase on south side of pump, 1.25 ft above lsd. Highest water level 145.96 below lsd, Sept. 23, 1964; lowest 149.29 below lsd, June 14, 1963. Records available: 1963-65.

May 10, 1963	148.54	Oct. 16, 1963	b150.01	Jan. 26, 1965	b148.52	July 27, 1965	148.59
June 14	149.29	Sept. 23, 1964	b146.96	Mar. 24	147.82	Sept. 27	148.75
Aug. 13	b150.07	Nov. 23	148.65	May 26	b147.62	Dec. 1	148.07

b Well pumped recently.

## Spokane County

473645N1174414.1. Local number 24/40-3A1. William McGourin. Dug domestic water-table well in basalt, size 12 × 25 ft, depth 12 ft, lined with concrete to 4. Lsd about 2,350 ft above msl. MP top of subfloor, 2.00 ft above lsd. Highest water level 1.77 below lsd, Apr. 17, 1963; lowest 5.64 below lsd, Oct. 28, 1963. Records available: 1963-65.

Jan. 1, 1963	4.28	July 31, 1963	5.41	Feb. 19, 1964	3.30	Aug. 31, 1964	5.57
Feb. 20	1.88	Aug. 28	a5.23	May 1	2.03	Oct. 8	5.48
Mar. 18	a3.14	Sept. 30	5.41	25	2.69	Nov. 12	5.21
Apr. 17	1.77	Oct. 29	5.64	June 24	3.31	May 15, 1965	2.74
May 20	2.65	Jan. 15, 1964	4.92	July 24	a5.28	Oct. 27	4.12
June 25	3.97						

a Well being pumped.

473607N1173228.1. Local number 24/42-6J1. Glen Johnson. Drilled unused water-table well in basalt, diam 6 in, depth 115 ft, cased to 60. Lsd about 2,405 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 35.82 below lsd, May 15, 1965; lowest 39.47 below lsd, Aug. 28, 1963. Records available: 1963-65.

Jan. 1, 1963	38.02	July 31, 1963	39.20	Mar. 25, 1964	38.07	Aug. 31, 1964	38.56
Feb. 20	38.49	Aug. 28	39.47	May 1	37.49	Oct. 8	38.53
Mar. 18	38.13	Sept. 30	39.30	25	38.18	Nov. 12	38.11
Apr. 17	37.81	Oct. 29	39.05	June 24	38.03	May 15, 1965	35.82
May 20	37.98	Jan. 15, 1964	39.03	July 24	39.00	Oct. 27	37.06
June 25	38.73	Feb. 15	39.30				

473240N1172619.1. Local number 24/42-25G1. Henry F. Mindrup. Drilled irrigation water-table well in basalt, diam 8 in, depth 135 ft, cased to 25. Lsd about 2,320 ft above msl. MP top of casing cap at hole, 1.50 ft above lsd. Highest water level 18.59 below lsd, Mar. 29, 1965; lowest 43.10 below lsd, Aug. 6, 1964. Records available: 1964-65.

Aug. 6, 1964	43.10	Feb. 23, 1965	19.58	June 23, 1965	29.97	Oct. 27, 1965	a30.37
Nov. 18	28.42	Mar. 29	18.59	Aug. 2	a42.27	Dec. 14	27.74
Dec. 15	26.25	May 14	19.52	Sept. 7	a39.71		

a Well being pumped.

473940N1172754.1. Local number 25/42-14L1. Riverside Park Cemetery Association. Dug irrigation water-table well in fluvio-glacial outwash gravel, diam 6 ft, depth 110 ft, lined with concrete to 82, perforated 82-100. Lsd about 1,787 ft above msl. MP top east corner of pumpbase/lid, at lsd. Highest water level 81.73 below lsd, June 7, 1948; lowest 101.24 below lsd, Sept. 20, 1942. Records available: 1941-65. Measurements made by Riverside Park.

Jan. 6, 1961	96.90	Mar. 22, 1961	90.85	May 29, 1961	90.27	Oct. 6, 1961	98.33
12	96.91	29	91.04	June 5	89.66	18	98.25
19	96.77	Apr. 1	91.18	19	89.87	30	98.47
26	96.66	10	91.16	24	90.86	Nov. 8	98.36
Feb. 8	96.44	17	91.21	July 20	95.75	17	98.07
14	95.36	24	91.45	28	96.88	24	98.79
23	92.66	28	91.70	Aug. 21	97.83	28	97.81
27	91.67	May 10	91.41	29	98.35	Dec. 8	97.70
Mar. 4	90.74	20	90.93	Sept. 19	98.80	15	97.69
13	90.62	25	90.75	27	98.59	22	97.74

473940N1172754, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 27, 1961	97.78	Jan. 2, 1963	95.18	Jan. 27, 1964	97.26	Feb. 4, 1965	92.08
Jan. 9, 1962	97.91	15	95.01	Feb. 3	96.95	16	91.84
15	97.27	24	95.24	14	96.57	23	91.77
29	96.69	29	95.37	24	96.65	Mar. 4	91.66
Feb. 13	96.26	Feb. 7	95.17	Mar. 13	97.06	11	91.76
23	95.72	19	93.92	24	96.60	19	91.90
25	95.45	26	93.65	Apr. 1	96.39	24	92.08
Mar. 9	95.54	Mar. 6	93.46	9	95.76	Apr. 2	92.66
19	95.78	13	93.31	17	94.84	9	92.95
29	95.68	22	93.83	24	94.14	19	92.58
Apr. 9	94.48	28	94.11	May 1	93.53	23	91.90
23	92.44	Apr. 6	93.83	8	92.85	May 5	88.41
27	91.98	16	93.06	22	92.14	14	88.58
May 9	90.73	23	92.79	25	91.05	19	88.50
18	90.68	29	92.69	June 9	88.75	24	88.45
23	90.37	May 5	92.66	16	88.03	June 7	89.34
25	90.23	15	92.56	July 3	89.50	18	90.42
June 6	90.64	22	92.82	7	90.25	23	91.45
13	91.17	29	92.91	17	93.00	July 2	92.48
20	91.76	June 6	93.72	24	94.02	6	92.50
30	93.81	20	94.96	Aug. 3	94.81	20	94.33
July 9	94.58	27	95.56	13	95.99	26	94.54
16	95.32	July 6	96.31	20	96.12	Aug. 9	95.83
31	96.36	16	97.15	Sept. 1	96.52	16	96.24
Aug. 6	97.14	19	97.65	10	96.88	23	96.76
15	97.48	26	98.22	Oct. 5	97.29	Sept. 3	97.02
16	98.08	Aug. 1	98.74	12	97.37	8	97.19
28	98.80	16	98.44	20	97.42	29	97.70
Sept. 6	99.06	23	98.59	26	97.56	Oct. 1	97.61
25	99.37	Sept. 23	99.48	Nov. 6	97.36	8	97.70
Oct. 3	99.19	Nov. 1	99.10	13	97.27	18	97.69
11	99.11	8	98.85	20	97.20	22	97.71
22	98.40	19	98.12	25	97.18	Nov. 3	97.57
29	98.32	22	97.94	Dec. 3	96.53	12	97.29
Nov. 9	98.36	Dec. 5	97.35	15	94.40	19	96.99
26	98.22	12	97.22	24	94.39	23	96.84
27	97.76	20	97.02	Jan. 5, 1965	91.07	Dec. 1	96.62
Dec. 4	96.87	23	97.13	13	91.22	10	96.45
14	96.35	Jan. 6, 1964	97.30	22	92.20	17	96.48
21	95.86	13	97.34	25	92.44	23	96.62

b Well pumped recently.

474052N1171953.1. Local number 25/43-11G1. City of Spokane, Upriver #1. Dug unused water-table well in gravel, diam 28 ft, depth 37 ft, lined with brick to 26, cased 26-37, perforated 26-37. Lsd 1,902.53 ft above msl. MP top of manhole cover at  $\frac{3}{4}$ -in hole, 0.32 ft above lsd. Highest water level 12.16 below lsd, May 3, 1965; lowest 33.59 below lsd, Aug. 10, 1926. Records available: 1907-45, 1960-65.

Feb. 22, 1943	27.58	Oct. 11, 1943	27.35	June 12, 1944	27.35	June 20, 1960	24.02
Mar. 1	25.77	18	27.97	19	27.21	27	27.52
8	25.77	25	28.75	26	28.31	July 4	27.42
15	26.52	Nov. 1	28.72	July 3	29.08	11	27.77
22	26.53	8	27.51	10	30.52	18	28.18
29	22.54	15	27.71	17	29.70	25	28.74
Apr. 2	18.81	22	27.37	24	29.85	Aug. 1	29.55
5	17.52	29	27.27	31	29.12	8	28.75
12	15.97	Dec. 6	26.64	Aug. 7	29.35	15	28.92
19	13.45	13	27.21	14	28.70	22	28.45
26	12.66	20	27.21	19	29.32	29	28.54
May 3	14.83	27	26.81	Dec. 5	29.09	Sept. 5	27.60
10	15.67	27	27.30	June 14, 1945	23.25	12	27.71
17	17.31	Jan. 8, 1944	27.35	Oct. 5	29.60	19	27.42
24	18.31	10	26.30	Jan. 25, 1960	25.13	26	27.50
31	17.16	17	27.65	Feb. 1	25.19	Oct. 3	28.10
June 4	17.54	24	28.65	8	25.12	10	28.39
7	18.22	31	27.85	15	23.12	17	28.18
14	19.32	Feb. 6	28.70	22	24.00	24	27.91
21	19.43	14	26.95	29	24.96	31	27.63
28	19.99	21	27.11	Mar. 7	24.38	Nov. 7	27.72
July 5	25.35	28	27.58	14	24.95	14	27.30
12	26.22	Mar. 6	27.78	21	24.61	21	27.61
19	25.50	13	27.52	28	20.32	28	26.42
26	28.85	20	28.11	Apr. 4	17.13	Dec. 5	26.27
Aug. 2	28.08	27	27.70	11	15.46	12	26.22
9	28.68	Apr. 3	27.52	18	15.56	19	26.20
12	29.17	10	26.00	23	17.22	26	26.33
16	29.07	17	22.64	30	17.70	Jan. 2, 1961	25.98
23	28.83	24	23.21	May 2	19.10	9	26.44
30	28.37	May 1	22.78	9	18.72	16	25.83
Sept. 6	27.91	8	23.90	16	17.74	23	25.87
13	28.64	15	23.40	23	17.78	30	25.45
20	29.06	22	26.38	30	17.70	Feb. 6	25.95
27	29.24	29	26.28	June 6	19.02	13	19.29
Oct. 4	27.71	June 5	26.92	13	19.04	20	17.79

474052N1171953.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 27, 1961	15.43	May 14, 1962	16.50	Aug. 5, 1963	29.00	Oct. 19, 1964	25.06
Mar. 6	17.78	21	16.52	12	29.11	26	27.58
13	20.22	28	16.80	19	29.09	Nov. 2	27.28
20	19.58	June 4	17.74	26	28.58	9	26.99
27	19.62	11	19.75	Sept. 2	28.95	15	27.23
Apr. 3	19.55	18	21.84	9	29.01	23	26.93
10	18.28	25	25.83	16	28.95	30	24.48
17	19.03	July 2	25.51	23	28.30	Dec. 7	18.94
24	19.30	9	26.65	30	28.30	14	23.56
May 1	19.54	16	27.28	Oct. 7	28.27	21	24.43
8	17.48	23	27.62	14	28.78	28	14.70
15	16.98	30	27.82	21	29.12	Jan. 4, 1965	17.06
21	16.31	Aug. 6	27.85	28	27.90	11	20.04
28	15.62	13	27.85	Nov. 4	27.86	18	23.24
June 5	16.10	20	28.64	11	26.50	25	23.21
12	17.41	27	28.78	18	26.35	Feb. 1	19.22
19	19.70	Sept. 3	28.76	25	26.25	8	19.66
26	26.27	10	28.79	Dec. 2	26.28	15	20.95
July 3	27.17	17	28.53	9	26.30	22	21.43
10	28.08	24	28.58	16	26.47	Mar. 1	21.18
17	27.48	Oct. 1	27.86	23	26.99	8	21.12
24	28.12	8	28.60	30	27.00	15	20.76
Aug. 31	28.38	15	24.86	Jan. 6, 1964	27.03	22	21.43
7	29.40	22	27.46	13	26.74	29	22.60
14	29.58	29	27.71	20	26.50	Apr. 5	23.05
21	28.90	Nov. 5	27.67	27	25.96	12	21.44
Sept. 28	29.70	12	27.30	Feb. 3	25.30	19	18.55
4	29.00	19	26.84	10	25.35	26	12.55
11	29.36	26	25.37	17	25.81	May 3	12.16
18	29.06	Dec. 3	23.95	24	26.34	10	15.23
25	27.90	10	24.75	Mar. 2	26.60	17	15.71
Oct. 2	27.80	17	23.97	9	26.66	24	16.52
9	27.98	24	22.38	16	26.85	June 1	17.80
16	28.00	31	23.65	23	25.57	8	18.81
23	29.10	Jan. 7, 1963	22.13	30	25.74	14	19.71
30	28.58	14	24.47	Apr. 6	22.84	21	23.82
Nov. 6	27.34	21	24.65	13	21.00	28	24.54
13	27.26	28	25.10	20	20.67	July 6	25.25
20	26.95	Feb. 4	26.22	27	19.33	12	26.02
27	26.73	11	20.28	May 4	18.55	19	27.84
Dec. 4	26.86	18	21.09	11	19.23	26	27.82
11	26.85	25	21.39	18	16.76	Aug. 2	28.57
18	27.30	Mar. 4	21.29	25	13.14	9	29.09
25	27.72	11	22.10	June 1	14.40	16	29.49
31	27.78	18	23.24	8	13.95	23	27.52
Jan. 1, 1962	24.90	25	23.47	15	14.02	30	28.31
22	25.08	Apr. 1	21.48	22	16.19	Sept. 7	28.26
29	25.07	8	20.33	29	18.66	13	28.34
Feb. 5	25.36	15	20.34	July 6	26.34	20	27.80
12	24.95	22	20.34	13	27.18	27	28.70
19	23.86	29	20.61	20	25.89	Oct. 4	29.30
26	23.97	May 6	20.41	27	27.64	11	28.85
Mar. 5	24.47	12	20.34	Aug. 3	27.00	18	27.10
12	25.53	19	20.78	10	27.95	25	27.93
19	25.53	27	21.09	17	28.01	Nov. 1	27.18
26	25.22	June 3	24.13	24	28.51	8	27.00
Apr. 2	21.98	10	24.43	31	27.36	15	26.18
9	18.24	17	25.74	Sept. 7	27.75	22	25.90
16	18.16	24	27.05	14	28.58	29	25.33
23	15.91	July 1	26.84	21	27.68	Dec. 6	25.90
30	15.7	8	28.46	28	28.64	13	25.63
May 2	15.40	15	27.86	Oct. 5	28.11	20	26.94
7	17.00	22	28.14	12	27.23	27	27.02
		29	28.92				

474052N1171946.1. Local number 25/43-11G6. City of Spokane gage well 1. Trent Ave. and Waterworks St. Dug observation water-table well in fluvio-glacial gravel, diam 30 in, depth 64 ft, lined with concrete to 64. Lsd 1,934.31 ft above msl, MP top north side of concrete casing, 1.47 ft above lsd. Highest water level 39.07 below lsd, Dec. 26, 1933; lowest 60.87 below lsd, July 9, 1931. Records available: 1926-65.

Jan. 25, 1961	56.12	Sept. 20, 1962	58.92	Jan. 22, 1964	57.18	Feb. 24, 1965	51.76
Mar. 25	50.80	Nov. 29	54.08	Mar. 25	56.89	Apr. 1	53.67
July 25	58.48	Jan. 24, 1963	53.70	May 20	46.50	May 12	46.45
Sept. 27	59.61	Mar. 28	55.62	July 28	52.24	June 22	54.39
Nov. 29	57.46	May 29	52.23	Sept. 30	58.48	Aug. 4	58.42
Jan. 29, 1962	56.11	July 24	58.73	Nov. 12	57.36	Sept. 10	58.51
Mar. 27	54.94	Sept. 26	58.86	Dec. 8	49.99	Oct. 28	57.51
May 27	47.46	Nov. 20	56.23	Jan. 19, 1965	53.72	Dec. 17	56.23
July 25	58.18						

473952N1171813.1. Local number 25/43-13H1. R. E. Kring. 805 N. Park Rd., Spokane. Dug unused water-table well in sand and gravel, diam 18 in, depth 71 ft, lined with concrete to 71. Lsd about 1,960 ft above msl. MP top of casing, 6.50 ft below lsd. Highest water level 56.46 below lsd, May 6-7, 1965; lowest 68.62 below lsd, Oct. 25-26, 1963. Records available: 1958-65.

473952N1171813.1--Continued.

Mean daily water level for the day, from recorder graph, 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.98	63.98
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.89	63.55
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.37	63.22
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.19	66.01	63.64
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.17	64.76	63.46
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.00	64.00	62.81

1959

5	62.94	59.85	62.84	62.15	58.55	58.09	62.34	66.02	.....	66.39	65.38	62.45
10	62.90	61.33	62.87	66.00	58.02	58.04	63.56	66.42	.....	66.37	65.00	63.20
15	62.20	62.07	62.99	60.31	58.14	58.29	64.14	66.58	.....	66.15	65.16	63.58
20	61.43	62.38	63.14	59.93	57.82	58.78	64.75	66.74	.....	65.95	65.33	63.85
25	61.47	62.63	63.30	59.88	57.76	59.38	65.21	66.57	.....	65.56	63.73	63.88
Eom	60.10	62.76	62.99	59.45	57.72	60.61	65.61	66.82	.....	65.45	62.22	63.86

1960

5	64.10	65.34	64.65	61.10	59.42	59.13	64.01	66.23	66.84	66.67	66.62	66.14
10	64.25	64.98	64.61	59.96	59.47	59.33	64.64	66.55	66.75	66.66	66.68	66.02
15	64.51	64.27	64.74	58.74	59.13	59.74	65.20	66.74	66.70	66.64	66.78	65.94
20	64.78	64.30	64.76	58.38	58.77	60.35	65.57	66.91	66.65	66.61	66.77	65.96
25	64.90	64.35	64.55	58.53	58.72	61.94	65.94	67.00	66.55	66.61	66.65	66.08
Eom	65.07	64.62	62.77	58.98	58.81	63.39	66.33	66.92	66.61	66.62	66.36	66.04

1961

5	66.06	65.81	58.64	60.25	59.92	57.39	63.69	66.55	67.38	67.22	67.51	66.91
10	66.02	65.29	59.18	59.84	59.16	57.46	64.37	66.89	67.53	67.24	67.26	66.90
15	65.86	62.99	59.86	59.79	58.70	58.02	64.84	67.06	67.61	67.37	67.13	66.97
20	65.79	61.20	60.07	59.92	58.31	58.89	65.30	67.20	67.55	67.46	67.04	66.98
25	65.78	59.85	60.07	60.04	57.97	60.65	65.66	67.40	67.33	67.62	66.97	67.07
Eom	65.76	58.99	60.22	60.27	57.46	62.51	66.04	67.49	67.28	67.67	66.90	67.15

1962

5	67.27	65.57	64.88	64.07	58.64	.....	.....	.....	.....	.....	.....	.....
10	67.11	65.56	65.10	62.73	58.61	.....	.....	.....	.....	.....	.....	.....
15	66.48	65.39	65.38	61.49	58.39	.....	.....	.....	.....	.....	.....	.....
20	66.05	65.00	65.65	60.57	58.40	.....	.....	.....	.....	.....	.....	.....
25	65.77	64.84	65.75	59.53	58.50	.....	.....	.....	.....	.....	.....	.....
Eom	65.59	64.81	64.89	58.70	.....	.....	.....	.....	.....	.....	.....	.....

Highest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	58.91	64.24	66.71	67.77	67.79	67.32	65.09
10	.....	.....	.....	.....	.....	59.44	64.77	66.71	67.84	67.71	67.46	65.18
15	.....	.....	.....	.....	.....	60.21	65.21	66.88	67.72	67.04	67.31	65.08
20	.....	.....	.....	.....	.....	61.28	65.70	67.20	67.86	66.98	67.09	64.44
25	.....	.....	.....	.....	.....	62.87	66.16	67.51	67.88	67.10	66.53	63.98
Eom	.....	.....	.....	.....	58.64	63.63	66.52	67.61	67.81	67.25	65.43	64.24

1963

5	64.09	64.88	62.62	62.89	61.72	63.42	65.75	67.64	68.35	.....	.....	.....
10	64.13	63.73	62.62	62.24	61.67	63.68	66.17	67.89	68.39	.....	.....	.....
15	64.43	62.95	62.82	61.84	61.59	63.99	66.30	67.99	68.40	.....	.....	.....
20	64.63	62.81	63.23	61.68	61.79	64.54	66.66	68.02	68.30	.....	.....	.....
25	64.68	62.70	.....	61.68	61.80	65.00	66.98	68.11	68.19	.....	.....	.....
Eom	64.95	62.68	63.84	61.71	62.23	65.36	67.40	68.26	68.26	.....	.....	.....

1964

5	.....	.....	.....	65.73	61.68	57.66	60.45	65.47	66.72	67.07	67.01	64.01
10	.....	.....	.....	64.93	61.56	57.14	62.52	65.88	66.84	67.15	66.89	63.12
15	.....	.....	.....	64.12	61.17	56.83	63.74	66.31	67.16	67.17	66.81	63.92
20	.....	.....	.....	63.40	60.07	57.03	64.01	66.51	67.05	67.19	66.82	64.24
25	.....	.....	66.58	62.74	58.45	57.83	64.78	66.79	67.00	67.26	66.79	62.83
Eom	.....	.....	66.47	62.23	57.99	58.79	65.46	66.73	67.17	67.08	65.80	60.16

1965

5	59.88	61.48	61.76	62.83	56.49	58.71	63.17	65.82	66.72	67.25	67.02	66.12
10	60.42	61.32	61.70	62.82	56.71	59.25	63.80	66.24	66.98	67.30	66.84	66.17
15	61.79	61.47	61.57	62.31	57.39	59.70	64.39	66.33	66.95	67.30	66.57	66.19
20	62.61	61.80	61.63	61.28	57.59	60.34	64.99	66.60	66.82	67.28	66.42	66.38
25	62.96	61.88	61.89	58.92	57.82	61.72	65.20	66.38	66.97	67.33	66.36	66.53
Eom	62.46	61.88	62.41	57.34	58.29	62.46	65.59	66.42	67.10	67.19	66.16	66.49

473992N1171802.1. Local number 25/44-19D1. Spokane County. Edgcliff Sanitarium. Dug institutional water-table well in sand and gravel, diam 60 to 30 in, depth 88 ft, lined with brick to 82, cased to 88. Lsd 1,962.7 ft above msl. MP top of "T"-beam pump support, 1.27 ft above lsd. Highest water level 67.97 below lsd, June 13, 1950; lowest 82.82 below lsd, D:c 8, 1931. Records available: 1920, 1928-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 23, 1956	76.82	Apr. 28, 1958	72.39	May 19, 1959	70.98	Oct. 10, 1959	79.33
Apr. 25	70.28	June 27	a76.70	June 2	a71.13	17	a79.22
June 28	73.43	Aug. 23	a80.84	16	a71.23	24	a78.83
Oct. 25	78.28	Sept. 13	80.32	27	a72.75	31	78.50
Dec. 18	77.76	Oct. 18	77.95	Aug. 5	a79.25	7	78.24
Apr. 25, 1957	73.09	Jan. 7, 1959	a76.17	27	a80.23	14	a78.46
June 24	a73.83	21	a74.59	Sept. 5	a79.63	21	a78.51
Aug. 24	a80.34	Feb. 10	a74.26	12	79.43	28	75.88
Oct. 26	71.73	27	a74.62	19	79.72	5	75.42
Dec. 18	a78.69	Mar. 10	a75.87	26	79.26	12	a76.62
Feb. 25, 1958	a76.45	May 5	a71.80	Oct. 3	79.67	19	a76.79



473922N1171802.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 26, 1959	a76.90	July 16, 1960	a78.15	Feb. 4, 1961	a78.73	Jan. 24, 1963	77.92
Jan. 2, 1960	77.01	22	a77.89	11	a78.95	Mar. 25	a77.09
9	a77.20	29	a79.19	18	74.98	May 25	a76.91
16	77.53	Aug. 7	79.32	25	a73.03	July 24	a81.47
23	a77.80	15	a79.94	Mar. 4	71.71	Aug. 22	a81.37
30	a78.35	22	a80.75	12	72.31	Sept. 25	b81.86
Feb. 6	78.46	29	80.07	18	73.03	Oct. 30	b82.56
13	77.51	Sept. 4	a80.36	25	b73.06	Nov. 20	b80.24
20	77.30	10	80.23	31	b72.48	Jan. 6, 1964	a80.57
27	76.45	18	a80.04	Apr. 9	72.93	Feb. 19	79.29
Mar. 3	a77.75	24	a79.65	16	70.53	Mar. 25	a79.78
12	77.65	Oct. 2	79.03	23	72.96	May 1	b74.73
19	77.76	8	79.83	29	a73.18	20	a71.81
26	a77.48	15	a79.77	May 6	a72.78	June 24	a70.73
Apr. 2	75.22	22	79.93	13	a71.92	July 28	a73.21
8	73.62	30	79.84	20	70.87	Aug. 31	a79.78
16	a71.76	Nov. 10	79.60	27	a70.88	Sept. 30	a80.30
23	71.63	19	79.19	June 3	a70.53	Nov. 12	79.96
30	71.99	26	79.60	10	a70.57	Dec. 10	a76.27
May 7	72.53	Dec. 3	a79.46	16	a71.36	Jan. 20, 1965	75.62
14	72.38	10	79.03	24	a73.00	Feb. 24	74.91
21	71.80	17	79.09	Sept. 27	a80.35	Apr. 1	75.53
28	70.94	23	a79.15	Nov. 29	79.97	May 12	a70.31
June 3	a72.06	31	78.59	Jan. 29, 1962	78.82	June 22	a74.07
11	a72.43	Jan. 8, 1961	a79.25	Mar. 27	a78.79	Aug. 4	a79.45
19	a73.07	14	a78.93	May 27	a76.97	Sept. 10	a80.24
25	74.82	21	a78.83	July 25	a77.64	Oct. 28	a80.37
July 2	76.61	28	78.38	Nov. 29	78.10	Dec. 17	80.41
10	77.58						

a Well being pumped.

b Well pumped recently.

473924N1171300.1. Local number 25/44-23D1. E. E. Gooding. U. S. Highway 10 and Evergreen Rd. Dug irrigation water-table well in fluvio-glacial gravel, diam 48 in, depth 97 ft, lined with concrete to 97. Lsd 2,016.74 ft above msl. MP top south side of concrete curb, 0.52 ft above lsd (since Apr. 24, 1957). Highest water level 77.85 below lsd, Apr. 8, 1950; lowest 95.40 below lsd, Dec. 8, 1931. Records available: 1931-65.

Jan. 25, 1961	88.64	Sept. 20, 1962	a87.19	Jan. 22, 1964	90.81	Feb. 24, 1965	84.87
Mar. 26	88.05	Nov. 29	88.93	Mar. 25	90.15	Apr. 1	84.29
July 25	a96.41	Jan. 24, 1963	87.70	May 20	88.03	May 12	80.31
Sept. 27	89.78	Mar. 28	87.31	July 28	83.11	June 22	83.17
Nov. 30	89.75	May 29	86.12	Sept. 30	90.37	Aug. 4	88.16
Jan. 29, 1962	89.17	July 24	89.84	Nov. 12	90.32	Sept. 10	89.63
Mar. 27	88.04	Sept. 25	91.30	Dec. 10	87.38	Oct. 28	91.22
May 27	86.41	Nov. 20	90.57	Jan. 20, 1965	85.85	Dec. 17	89.39
July 25	a88.73						

a Well being pumped.

474011N1170729.1. Local number 25/45-16C1. Inland Empire Paper Co. Dug unused irrigation water-table well in sand and gravel, diam 8 ft, depth 129 ft, lined with gunite cement to 129. Lsd 2,060.4 ft above msl. MP top of manhole rim, 1.20 ft above lsd. Highest water level 84.56 below lsd, June 17, 1953; lowest 114.53 below lsd, Dec. 8, 1931. Records available: 1920, 1929-55, 1957-65.

Apr. 26, 1957	96.41	Sept. 5, 1959	100.68	Apr. 23, 1960	97.19	Nov. 19, 1960	104.09
June 23	92.26	12	102.96	30	95.62	26	104.12
Aug. 25	99.97	19	100.66	May 7	95.63	Dec. 3	102.41
Oct. 26	101.71	26	101.01	14	95.44	11	102.39
Dec. 17	102.72	Oct. 3	101.41	21	94.76	17	102.51
Feb. 25, 1958	99.48	10	101.83	28	94.27	23	102.79
Apr. 28	95.80	17	101.63	June 3	94.30	30	102.51
June 27	96.95	24	102.44	11	94.27	Jan. 8, 1961	102.67
Aug. 24	100.49	31	101.26	19	94.09	14	102.45
Sept. 13	101.78	Nov. 7	101.06	25	95.75	21	102.79
Oct. 18	103.18	14	101.25	July 2	97.19	28	102.52
Nov. 8	103.23	21	101.25	10	97.96	Feb. 4	102.34
25	101.54	28	99.98	16	98.61	11	102.00
Dec. 18	100.19	Dec. 5	100.45	22	99.19	18	99.41
Jan. 7, 1959	100.09	12	99.54	29	99.15	25	97.92
21	98.96	19	99.96	Aug. 7	99.50	Mar. 4	96.55
Feb. 10	97.61	26	99.78	15	99.90	12	96.89
27	98.60	Jan. 2, 1960	100.16	22	100.22	18	96.71
Mar. 10	95.83	9	100.52	29	100.40	25	96.20
24	99.24	16	100.97	Sept. 4	100.57	31	96.14
Apr. 10	98.73	Feb. 6	101.87	10	100.79	Apr. 9	95.81
27	96.20	13	100.54	18	100.58	Sept. 27	101.72
May 5	95.39	20	101.06	24	100.27	Nov. 3	103.21
19	94.27	27	101.27	Oct. 2	101.20	Jan. 29, 1962	101.72
June 2	93.52	Mar. 12	101.24	8	101.59	Mar. 27	102.77
16	93.42	19	101.30	15	101.87	May 27	96.23
26	93.91	26	100.54	22	102.27	July 25	100.83
July 14	97.20	Apr. 2	99.88	30	102.33	Sept. 20	103.40
Aug. 5	99.14	8	98.63	Nov. 5	102.61	Nov. 29	104.01
27	100.27	16	97.62	9	103.76	Jan. 24, 1963	102.73

474011N1170729, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 27, 1963	102.08	Jan. 6, 1964	106.07	Sept. 30, 1964	104.48	May 12, 1965	93.97
May 29	99.23	Feb. 19	105.73	Nov. 12	105.67	June 22	95.44
July 24	102.60	Mar. 25	106.45	Dec. 9	103.16	Aug. 5	100.05
Aug. 22	103.77	May 1	103.04	Jan. 20, 1965	101.22	Sept. 10	101.75
Sept. 25	105.06	June 24	95.90	Feb. 24	100.42	Oct. 28	104.04
Oct. 30	106.24	Aug. 31	102.93	Apr. 1	100.13	Dec. 17	103.77
Nov. 20	105.55						

474436N1172455, 1. Local number 26/43-19A1. Whitworth Water District 2. Holland and Ivanhoe Rds. Dug public-supply and irrigation water-table well in fluvioglacial gravel, diam 6 ft, depth 161 ft, lined with concrete to 161. Lsd 1,935.91 ft above msl. MP  $\frac{1}{2}$ -in hole beside float gage, 1.57 ft above lsd. Highest water level 133.72 below lsd, Mar. 15, 1934; lowest 139.72 below lsd, Oct. 1, 1963. Records available: 1930-65.

Jan. 5, 1961	a138.47	Dec. 25, 1961	a138.82	Dec. 20, 1962	a138.83	Dec. 15, 1963	a139.90
10	137.21	31	a138.81	25	a138.89	20	138.81
15	137.17	Jan. 5, 1962	137.82	Jan. 5, 1963	a138.63	25	a139.74
20	a138.25	10	137.79	10	a138.68	31	139.70
25	a138.11	15	a138.75	15	a138.48	Jan. 5, 1964	a139.63
31	137.08	20	137.85	20	138.50	10	a139.59
Feb. 5	a137.07	25	a138.57	25	137.60	15	a139.51
10	a138.07	31	137.67	31	a138.17	20	138.70
15	a137.91	Feb. 5	a138.57	Feb. 5	a138.22	25	a139.48
20	136.95	10	137.60	10	a138.09	31	a139.43
25	137.00	15	137.57	15	a137.95	Feb. 5	a139.37
28	136.85	20	137.50	20	a137.99	10	a139.37
Mar. 5	136.87	25	a138.30	25	a137.91	15	a139.37
10	a137.65	28	137.63	28	a137.85	20	a139.21
15	a137.95	Mar. 5	a138.35	Mar. 5	a137.75	25	a139.20
20	136.33	10	137.30	10	a137.45	29	a139.20
25	a137.06	15	a138.07	15	a137.60	Mar. 5	a139.56
31	135.75	20	137.20	20	136.65	10	139.07
Apr. 5	135.68	25	137.23	25	a137.41	15	138.35
10	135.60	31	137.21	31	a137.36	20	a139.07
15	135.45	Apr. 5	a138.09	Apr. 5	136.40	25	a139.06
20	135.37	10	137.11	10	136.37	31	a139.00
25	135.30	15	a138.13	15	a137.21	Apr. 5	a139.02
30	a136.57	20	a138.15	20	a137.15	10	a139.03
May 5	135.12	25	a138.12	25	136.21	15	a139.02
10	135.02	30	a138.02	30	a137.10	20	a139.03
15	134.97	May 5	a138.10	May 5	a136.93	25	137.99
20	a136.15	10	136.63	10	a136.91	30	a139.77
25	a136.68	15	a137.65	15	a136.90	May 5	a138.71
31	a136.65	20	a137.08	20	a138.79	10	a139.61
June 5	a136.22	25	136.18	25	a138.05	15	a140.39
10	134.51	31	a136.97	31	a138.37	20	a142.32
15	a135.99	June 5	a137.55	June 5	136.54	25	a140.85
20	a136.10	10	a137.18	10	a137.20	31	a139.86
25	a139.33	15	135.85	15	a138.55	June 5	137.75
30	a136.20	20	a139.08	20	a138.68	10	137.50
July 5	a136.40	25	a138.98	25	a138.30	15	a139.13
10	a136.65	30	a140.65	30	a138.60	20	a138.85
15	a140.02	July 5	a137.96	July 5	a138.09	25	a141.13
20	a140.25	10	a138.59	10	a138.12	30	a140.12
25	a137.07	15	a137.66	15	a138.29	July 5	a137.95
31	a137.47	20	a137.91	20	a138.73	10	a139.05
Aug. 5	a141.25	25	a141.85	25	a139.81	15	a138.93
10	a137.90	31	a140.88	31	a139.21	20	a138.99
15	a138.23	Aug. 5	137.50	Aug. 5	a141.60	25	a138.99
20	a140.23	10	138.59	10	a139.76	31	a138.91
25	137.65	15	a138.91	15	a140.73	Aug. 5	a137.50
31	a138.25	20	a139.05	20	a139.00	10	a139.13
Sept. 5	a139.51	25	a139.31	25	a139.90	15	a139.39
10	a140.52	31	a139.25	31	a140.25	20	a139.17
15	a141.07	Sept. 5	a139.50	Sept. 5	a140.37	25	a139.57
20	a139.03	10	138.51	10	a141.87	31	a139.25
25	a139.32	15	a139.05	15	139.58	Sept. 5	a139.32
30	a139.09	20	a140.55	20	a140.43	10	a139.48
Oct. 5	a139.01	25	a139.78	25	a140.47	15	a139.68
10	a139.00	30	a139.66	30	a140.65	20	a139.65
15	138.00	Oct. 5	a139.65	Oct. 5	a141.20	25	137.75
20	a139.00	10	a139.56	10	a140.55	30	a139.52
25	137.90	15	138.62	15	a140.59	Oct. 5	a139.50
31	137.93	20	a139.54	20	a140.55	10	a139.52
Nov. 5	137.92	25	138.50	25	139.40	15	137.77
10	a138.83	31	a139.52	31	a140.35	20	a139.49
15	a138.90	Nov. 5	a139.42	Nov. 5	a140.27	25	138.06
20	a138.90	15	a139.35	10	a140.21	31	137.75
25	a138.91	20	a139.29	15	a140.17	Nov. 5	137.82
30	137.85	25	a139.27	20	a140.15	10	a139.37
Dec. 5	a138.76	30	a139.22	25	a140.02	15	137.79
10	a138.15	Dec. 5	138.42	30	139.14	20	137.75
15	137.95	10	a139.13	Dec. 5	a140.08	25	137.65
20	137.85	15	a139.07	10	a139.95	30	a138.46

474436N1172455.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 5, 1964	137.69	Mar. 25, 1965	a136.60	June 15, 1965	135.77	Sept. 13, 1965	a138.47
10	a138.35	31	a136.50	20	a136.46	20	a138.50
15	a138.31	Apr. 5	a136.45	25	a137.30	27	a138.59
20	a138.25	10	a136.34	30	a137.39	Oct. 4	a139.22
25	a138.18	15	a136.33	July 5	a137.45	11	a139.30
31	a138.05	20	a136.38	10	a137.17	18	a138.63
Jan. 6, 1965	a137.87	25	a136.29	15	a139.52	25	a138.72
10	a137.87	30	a136.45	20	136.62	Nov. 1	a138.74
15	a137.75	May 5	a136.85	25	a139.38	8	a138.72
20	a137.59	10	a137.22	31	a138.42	15	a138.67
25	a138.47	15	a138.24	Aug. 5	a138.53	22	a138.52
Feb. 25	a137.02	20	a136.52	10	a140.28	29	a138.57
28	136.07	25	a136.30	15	a139.70	Dec. 6	137.59
Mar. 5	a136.89	30	a136.46	23	a138.20	13	a138.50
10	a136.82	June 5	a136.61	30	a138.20	20	a138.50
15	a136.72	10	a138.47	Sept. 6	a138.37	27	a138.50
20	a136.66						

a Well being pumped.

474224N1170759.1. Local number 26/45-32J2. C. F. Goodner. Drilled unused irrigation water-table well in sand and gravel, diam 8 in, depth 155 ft, cased to 155, perforated 132-154. Lsd about 2,080 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 117.28 below lsd, June 16, 1959; lowest 130.56 below lsd, Mar. 18-19, 1964. Record's available: 1958-61, 1963-65. No measurement made in 1962.

Mean daily water level, from recorder graph, 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.93	124.82
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	127.00	124.49
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.79	124.26
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.80	126.42	124.32
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.88	125.70	124.30
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.90	124.91	124.01

1959

5	123.98	121.07	122.50	122.45	119.48	117.42	119.10	122.43	124.05	125.08	.....	122.94
10	124.02	121.37	122.56	121.80	118.88	117.38	119.99	122.84	124.04	125.26	.....	123.19
15	123.71	121.75	122.62	121.18	118.62	117.33	120.63	123.14	124.07	125.34	.....	123.41
20	123.14	122.03	122.70	120.65	118.24	117.42	121.14	123.46	124.22	125.26	.....	123.64
25	122.87	122.23	122.88	120.38	117.86	117.62	121.56	123.56	124.51	.....	.....	123.79
Eom	121.70	122.36	122.86	119.98	117.57	118.11	122.00	123.90	124.84	.....	.....	123.91

1960

5	124.07	125.52	125.06	123.15	119.58	118.16	120.51	122.81	123.98	124.87	125.91	126.17
10	124.23	125.58	125.05	122.20	119.53	118.11	121.03	123.06	123.96	125.08	126.10	126.09
15	124.48	125.08	125.10	121.11	119.23	118.17	121.48	123.31	124.02	125.31	126.26	126.05
20	124.79	124.83	125.15	120.30	118.84	118.36	121.82	123.50	124.17	.....	126.38	126.09
25	125.02	124.84	125.10	119.83	118.55	119.04	122.19	123.73	124.33	125.58	126.51	126.20
Eom	125.28	124.95	124.31	119.58	118.27	119.89	122.59	123.85	124.61	125.78	126.32	126.30

1961

5	126.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	126.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	126.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	126.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Highest water level for the day, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.09	129.61	129.95
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.31	129.88	129.30
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.56	129.65	129.17
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.81	129.46	129.24
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.97	129.34	129.47
Eom	.....	.....	.....	.....	.....	.....	.....	.....	128.87	129.94	129.29	129.67

1964

5	129.83	129.58	130.13	129.98	126.78	121.95	120.79	.....	126.60	128.50	129.54	128.20
10	130.00	129.47	130.29	129.33	126.33	121.25	121.97	.....	126.82	128.79	129.64	127.40
15	130.00	129.52	130.45	128.77	125.85	120.45	122.90	.....	127.16	128.97	129.59	127.36
20	130.03	129.63	130.52	128.29	125.00	120.08	123.32	.....	127.50	129.15	129.67	127.47
25	129.99	129.79	130.42	127.84	123.55	120.07	123.89	.....	127.75	129.36	129.70	126.96
Eom	129.72	129.93	130.34	127.31	122.58	120.30	.....	.....	128.18	129.45	129.20	125.09

1965

5	124.65	125.01	123.90	124.04	119.13	117.86	120.74	123.45	124.69	126.62	127.55	127.25
10	124.51	124.66	123.77	124.17	118.41	118.05	121.26	123.76	124.97	126.76	127.55	127.35
15	124.83	124.51	123.59	123.95	118.09	118.30	121.72	124.06	125.24	127.04	127.41	127.42
20	125.18	124.40	123.57	123.52	117.95	118.67	122.27	124.35	125.39	127.19	127.34	127.58
25	125.50	124.21	123.61	122.15	117.83	119.33	122.66	124.36	125.72	127.37	127.39	127.75
Eom	125.54	124.14	123.79	120.47	117.78	120.07	123.13	124.46	126.17	127.50	127.31	127.86

475112N1173115.1. Local number 27/42-8H1. Dean Olland. Formerly T. W. Hall. Dug irrigation water-table well in sand, diam 48 to 27 in, depth 30 ft, lined with concrete to 18, cased 18-30, perforated 20-30. Lsd about 2,120 ft above msl. MP top east side of concrete block curb, 2.50 ft below lsd. Highest water level 5.03 below lsd, June 3, 1952; lowest 16.86 below lsd, Oct. 5, 1947. Records available: 1947-59, 1961-65. No measurement made in 1960.

475112N1173115, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1961	14.05	Mar. 16, 1963	12.26	Feb. 20, 1964	14.31	Jan. 12, 1965	14.48
Mar. 25	13.05	27	12.31	Mar. 26	14.27	21	14.73
Nov. 29	12.77	Apr. 17	12.34	May 4	13.70	Feb. 23	14.84
Mar. 27, 1962	11.83	May 20	12.26	25	13.62	Apr. 7	13.22
May 27	12.31	29	12.56	June 25	13.52	May 20	12.05
July 25	10.55	June 25	12.30	July 24	13.60	June 21	11.20
Sept. 20	11.30	July 23	12.48	Sept. 9	13.79	Aug. 2	11.27
Nov. 29	11.59	31	12.53	Oct. 8	13.92	Sept. 13	11.46
Dec. 17	11.82	Sept. 25	13.11	Nov. 12	14.14	Nov. 3	11.75
Jan. 23, 1963	12.28	Oct. 29	13.34	Dec. 15	15.18	Dec. 8	12.01
Feb. 20	12.15	Jan. 14, 1964	13.90				

a Well being pumped.

## Stevens County

475525N1174653.1. Local number 28/40-17J1. R. J. Seagle. Ford. Dug irrigation water-table well in sand and gravel, diam 36 in, depth 20 ft, lined with concrete to 20. Lsd about 1,775 ft above msl. MP top southeast side of concrete casing, at lsd. Highest water level 2.20 below lsd, Apr. 25, 1956; lowest 15.59 below lsd, Nov. 2, 1954. Records available: 1954-65.

Jan. 24, 1961	7.62	Sept. 21, 1962	13.38	Jan. 22, 1964	15.35	Feb. 23, 1965	10.89
Mar. 27	2.82	Nov. 29	14.31	Mar. 25	8.37	Apr. 2	5.69
July 24	9.36	Jan. 25, 1963	8.90	May 20	7.61	May 20	6.54
Sept. 28	12.56	Mar. 28	7.65	July 28	12.60	June 25	8.24
Nov. 29	13.55	May 29	7.79	Oct. 1	15.13	Aug. 6	11.62
Jan. 29, 1962	13.07	July 23	11.28	Nov. 2	15.59	Sept. 17	13.32
Mar. 28	3.42	Sept. 24	14.11	Dec. 18	14.75	Nov. 3	14.45
May 27	7.12	Nov. 19	14.99	Jan. 15, 1965	15.39	Dec. 15	15.00
July 25	10.59						

481752N1174518.1. Local number 32/40-3N1. Carl Walden. Chewelah. Dug stock water-table well in sand, diam 4 ft, depth 25 ft, lined with concrete to 25. Lsd about 1,700 ft above msl. MP top of 2- x 4-in plate across 6-ft pit, 2.00 f above lsd. Highest water level 2.36 below lsd, Mar. 28, 1962; lowest 23.85 below lsd, Oct. 31, 1959. Records available: 1954-65.

Jan. 24, 1961	14.06	Sept. 21, 1962	22.10	Jan. 22, 1964	21.96	Feb. 15, 1965	13.86
Mar. 27	8.80	Nov. 28	21.69	Mar. 25	7.22	Apr. 2	j .50
July 24	18.55	Jan. 25, 1963	15.16	May 20	14.75	May 17	11.24
Sept. 28	22.11	Mar. 28	3.29	July 28	23.04	June 21	13.36
Nov. 29	21.84	May 29	14.66	Oct. 1	17.29	Aug. 2	14.76
Jan. 23, 1962	19.32	July 23	20.36	Nov. 3	16.57	Sept. 13	15.62
Mar. 28	2.36	Sept. 24	4.96	Dec. 9	20.56	Oct. 25	16.29
May 28	13.09	Nov. 19	23.69	Jan. 15, 1965	17.95	Dec. 8	16.00
July 25	19.12						

j Pumphouse area flooded; not a true static water level.

483231N1175324.1. Local number 35/39-10N1. City of Colville. Dug irrigation water-table well in sand and gravel, diam 8 ft, depth 48 ft, lined with concrete to 48. Lsd about 1,800 ft above msl. MP top edge of pumphouse floor at southeast corner of trap opening, 0.50 ft above lsd. Highest water level 5.90 below lsd, July 24, 1961; lowest 21.85 below lsd, June 24, 1955. Records available: 1954-65.

Jan. 24, 1961	7.20	Sept. 21, 1962	6.47	Jan. 22, 1964	10.37	Feb. 19, 1965	13.26
Mar. 27	7.05	Nov. 28	7.15	Mar. 25	10.16	Apr. 1	13.33
July 24	5.90	Jan. 25, 1963	7.71	May 20	11.58	May 20	13.66
Sept. 28	5.91	Mar. 28	8.13	July 28	12.02	June 25	13.88
Nov. 29	6.31	May 29	8.58	Oct. 1	12.31	Aug. 4	14.01
Jan. 30, 1962	6.64	July 23	8.85	Nov. 6	12.44	Sept. 17	13.98
Mar. 28	6.45	Sept. 24	9.15	Dec. 9	12.61	Oct. 27	13.95
May 28	6.40	Nov. 19	9.57	Jan. 14, 1965	12.98	Dec. 9	13.98
July 25	6.16						

## Thurston County

465137N1225055.1. Local number 16/1W-19G1. Town of Tenino. Garfield and Sheridan Sts. Dug unused water-table well in fluvio-glacial gravel, diam 12 in, depth 42 ft, cased to 42. Lsd about 138 ft above msl. MP top of casing, 2.20 ft above lsd. Highest water level 2.91 below lsd, Apr. 23, 1958; lowest 13.67 below lsd, Nov. 6, 1952. Records available: 1941-65.

Jan. 3, 1961	6.30	Mar. 19, 1962	6.20	July 30, 1963	9.02	Mar. 23, 1965	7.27
30	5.90	May 29	7.17	Oct. 3	10.80	May 4	6.98
Mar. 3	4.10	July 20	8.89	Dec. 2	5.49	June 15	8.41
21	4.86	Sept. 18	10.18	Mar. 17, 1964	5.23	July 28	9.48
Aug. 1	9.41	Dec. 3	4.07	May 27	6.77	Aug. 31	10.47
Oct. 2	11.23	Jan. 30, 1963	7.14	July 23	8.98	Oct. 19	11.32
Dec. 4	6.25	Apr. 2	4.32	Sept. 22	10.81	Dec. 8	6.24
Jan. 22, 1962	6.40	May 27	7.17				

465632N1223627.1. Local number 17/2-19M2. Town of Yelm. Northern Pacific Ry. tracks and State Highway 5-1. Drilled unused water-table well in glacial sand and gravel, diam 8 in, depth 97 ft, cased to 97. Lsd about 350 ft above msl. MP top of instrument shelf, 3.98 ft above lsd (since Sept. 29, 1965). Highest water level 19.38 below lsd, Dec. 23, 1955; lowest 34.31 below lsd, Oct. 28, 1960. Records available: 1951-65.

465632N1223627, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1961	24.43	May 21, 1962	27.98	Oct. 25, 1963	31.32	Jan. 25, 1965	22.89
18	23.17	29	28.96	Nov. 25	28.97	Feb. 12	21.34
30	23.03	July 20	30.06	Dec. 26	27.00	23	21.99
Feb. 28	21.29	26	30.76	Jan. 29, 1964	21.29	Mar. 12	22.66
Mar. 27	21.96	Aug. 28	30.99	Feb. 27	22.79	23	23.45
Apr. 27	23.51	Sept. 18	31.43	Mar. 26	23.81	Apr. 29	25.68
May 31	24.63	Oct. 23	31.81	30	24.00	May 27	27.35
June 28	26.86	Nov. 27	29.02	Apr. 24	25.67	June 10	28.20
Aug. 1	28.95	Dec. 26	23.33	May 21	27.40	23	28.93
23	29.96	Jan. 25, 1963	24.04	June 1	28.02	July 20	30.14
31	30.23	Feb. 26	23.24	25	28.90	Aug. 30	31.10
Oct. 31	31.28	Mar. 30	24.40	July 23	29.97	Sept. 29	31.52
Dec. 4	31.01	Apr. 26	23.55	Aug. 25	30.99	Oct. 7	31.61
Jan. 22, 1962	26.48	May 28	26.77	Sept. 24	31.44	12	31.68
Mar. 1	27.59	June 24	27.76	Oct. 22	31.80	27	31.86
15	26.74	July 26	29.44	Nov. 24	32.02	Nov. 29	31.98
19	26.83	Aug. 30	30.46	Dec. 21	28.81	Dec. 29	31.20
Apr. 30	27.51	Sept. 26	30.97				

## Walla Walla County

460120N182240.1. Local number 6/35-1P1. D. A. McAuslan. Drilled irrigation artesian well in basalt, diam 6 in, reported depth 610 ft, cased. Lsd about 780 ft above msl. MP gage connection, 1.50 ft above lsd. Highest water level 36.15 above lsd, Apr. 12, 1955; lowest 21.0 below lsd, Oct. 4, 1956. Records available: 1955-58, 1963, 1965.

Apr. 12, 1955	+36.15	Apr. 17, 1956	+28.53	Feb. 26, 1957	+22.0	Mar. 25, 1963	+8.4
Oct. 25	+6.8	Oct. 4	-21.0	Feb. 22, 1958	+31.5	Mar. 17, 1965	-17.89

460020N182300.1. Local number 6/35-12N1. Wynn Estes. Drilled irrigation artesian well in basalt, diam 10 to 8 in, depth 590 ft, cased to 495. Lsd about 590 ft above msl. MP gage connection, 3.50 ft above lsd. Highest water level 64 above lsd, Oct. 23, 1962; lowest 6.46 below lsd, Oct. 25, 1961. Records available: 1955-63. No measurement made in 1964-65.

Apr. 19, 1955	+38	Feb. 26, 1957	+31	Oct. 25, 1960	+4	Oct. 23, 1962	+64
Oct. 25	15	Feb. 22, 1958	33	Feb. 28, 1961	+10	Mar. 26, 1963	22
Apr. 17, 1956	35	Oct. 28, 1959	35	Oct. 25	-6.46	Oct. 24	8
Oct. 4	12	May 10, 1960	32	Mar. 25, 1962	+22		

460200N182140.1. Local number 6/36-6D2. Eugene Tausick. Drilled irrigation water-table well in basalt, diam 10 to 6 in, depth 641 ft, cased. Lsd about 880 ft above msl. MP top west side of casing, under pump. Highest water level 39.43 below lsd, Apr. 17, 1956; lowest 68.10 below lsd, Oct. 23, 1962. Records available: 1955-65.

Apr. 20, 1955	40.70	Oct. 22, 1958	41.19	Oct. 25, 1960	41.10	Oct. 23, 1962	68.10
Sept. 21	41.15	Apr. 24, 1959	40.95	Feb. 28, 1961	41.32	Mar. 26, 1963	61.94
Apr. 17, 1956	39.43	Oct. 28	40.93	Oct. 24	43.84	Dec. 8, 1964	40.51
Feb. 27, 1957	40.10	May 11, 1960	41.30	Mar. 25, 1962	42.17	Mar. 17, 1965	41.35
Feb. 21, 1958	40.39						

460130N182150.1. Local number 6/36-6M2. J. Courtney. Drilled irrigation artesian and water-table well in basalt, diam 8 to 6 in, reported depth 610 ft, cased. Lsd about 590 ft above msl. MP top 1 1/4-in angle pipe on south side of casing, 1.80 ft above lsd. Highest water level 19.06 below lsd, Feb. 28, 1961; lowest 76.59 below lsd, Oct. 24, 1963. Records available: 1960-65.

May 10, 1960	a33.80	Oct. 24, 1961	65.96	Mar. 26, 1963	29.73	Dec. 8, 1964	61.77
Oct. 25	49.45	Mar. 25, 1962	26.55	Oct. 24	76.59	Mar. 17, 1965	41.66
Feb. 28, 1961	19.06	Oct. 23	64.88	Mar. 23, 1964	43.38		

a Well being pumped.

460100N182150.1. Local number 6/36-7D1. L. B. Ruzicka. Drilled irrigation artesian well in basalt, diam 6 in, depth 560 ft, cased. Lsd about 790 ft above msl. MP top of casing, 1.41 ft above lsd. Highest water level 4.33 above lsd, Apr. 17, 1955; lowest 19.33 below lsd, Oct. 24, 1961. Records available: 1955-65.

Apr. 17, 1955	+4.33	Feb. 21, 1958	-13.63	Feb. 28, 1961	-15.92	Oct. 24, 1963	-19.31
Oct. 26	-16.27	Oct. 22	17.50	Oct. 24	19.33	Mar. 23, 1964	16.87
Apr. 17, 1956	12.55	Apr. 24, 1959	13.88	Oct. 23, 1962	18.67	Dec. 8	18.15
Oct. 6	16.66	Oct. 28	16.32	Mar. 26, 1963	15.37	Mar. 17, 1965	a14.66
Feb. 26, 1957	13.55	Oct. 25, 1960	18.08				

a Well being pumped.

460055N182140.1. Local number 6/36-7E1. John Schumacker. Drilled irrigation water-table well in basalt, diam 8 to 6 in, depth 692 ft, cased to 532. Lsd about 840 ft above msl. MP top of casing seal at 3/4-in hole in west side, 1.00 ft above lsd. Highest water level 25.90 below lsd, Apr. 17, 1955; lowest 85.38 below lsd, Oct. 24, 1963. Records available: 1955-65.

Apr. 17, 1955	25.90	Feb. 26, 1957	32.13	Oct. 25, 1960	69.50	Mar. 26, 1963	51.14
Sept. 21	70.92	Feb. 21, 1958	31.77	Feb. 28, 1961	42.71	Oct. 24	85.38
Apr. 17, 1956	31.08	Oct. 22	65.14	Mar. 25, 1962	47.79	Dec. 8, 1964	73.12
Oct. 6	71.20	Oct. 28, 1959	56.71	Oct. 23	78.80	Mar. 17, 1965	48.95

460050N182150.1. Local number 6/36-7M1. C. Logan. Drilled irrigation artesian well in basalt, diam 6 in, reported depth 680 ft, cased. Lsd about 850 ft above msl. MP 1/4-in hole in east side of casing, 2.00 ft below lsd. Highest water level 6.05 below lsd, Apr. 20, 1955; lowest 56.08 below lsd, Oct. 24, 1963. Records available: 1955, 1958-65.

Apr. 20, 1955	6.05	Oct. 28, 1959	31.25	Mar. 25, 1962	25.52	Mar. 23, 1964	35.68
Feb. 21, 1958	14.63	May 10, 1960	19.38	Oct. 23	49.12	Dec. 8	48.65
Oct. 22	36.07	Oct. 25	30.63	Mar. 26, 1963	27.15	Mar. 17, 1965	34.86
Apr. 24, 1959	16.47	Oct. 24, 1961	49.44	Oct. 24	56.08		

460040N1181850.1. Local number 6/36-9L1. Baker and Baker Corporation Fix Farm #1. Drilled irrigation water-table well in basalt, diam 12 to 10 in, depth 1,155 ft, cased to 652, lined with cement to 939. Lsd about 1,000 ft above msl. MP airline gage. Highest water level 89 below lsd, Apr. 16, 1955; lowest 146 below lsd, Feb. 28, 1957. Records available: 1955-57, 1959-60, 1964-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 16, 1955	89	Feb. 28, 1957	146	Oct. 26, 1960	141	Dec. 8, 1964	c170
May 1, 1956	110	Apr. 24, 1959	100	Mar. 23, 1964	129	Mar. 18, 1965	134
Oct. 6	130	May 10, 1960	104	May 22	143		

c Nearby well being pumped.

460020N1181850.1. Local number 6/36-9P1. Baker and Baker Corporation Fix Farm #2. Drilled irrigation water-table well in basalt, diam 16 to 5 in, depth 2,061 ft, cased. Lsd about 1,000 ft above msl. MP airline gage. Highest water level 101 below lsd, Apr. 16, 1955; lowest 158 below lsd, Apr. 22, 1964. Records available: 1955-59, 1964-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 16, 1955	101	Oct. 21, 1958	148	Mar. 23, 1964	145	Dec. 8, 1964	a202
Oct. 5, 1956	145	Apr. 24, 1959	115	Apr. 22	158	Mar. 17, 1965	148
Feb. 28, 1957	125						

a Well being pumped.

460140N1181230.1. Local number 6/37-5F1. Baker and Baker Corporation Sweazey Quarter well. Drilled irrigation artesian well in basalt, diam 12 in, depth 612 ft, cased to 125. Lsd about 1,560 ft above msl. MP gage connection, 1.00 ft above lsd. Highest water level 172 above lsd, Oct. 26, 1960, Mar. 26, 1963; lowest 98 above lsd, June 2, 1948. Records available: 1946-48, 1952-58, 1960, 1963-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 10, 1946	+152	Mar. 25, 1948	+147	Mar. 25, 1952	+152	Sept. 23, 1955	+108
14	152	Apr. 7	161	May 2	154	Oct. 25	154
18	152	18	163	Apr. 25, 1953	156	Apr. 19, 1956	152
30	152	29	158	June 19	161	Oct. 5	158
Jan. 9, 1947	152	May 8	161	Oct. 23	147	Feb. 28, 1957	165
20	147	20	j82	Dec. 16	152	Feb. 22, 1958	163
Jan. 30, 1948	147	June 2	98	June 26, 1954	164	Oct. 21	159
Feb. 11	148	12	165	Oct. 21	152	Oct. 26, 1960	172
20	147	23	j109	Feb. 22, 1955	161	Mar. 26, 1963	172
Mar. 3	147	July 16	j110	Apr. 16	152	Dec. 8, 1964	154
13	147	Sept. 12	163	June 21	165	Mar. 16, 1965	163

j Well flowing.

460305N1180020.1. Local number 7/34-25N1. Charles Baker. Drilled irrigation water-table well in basalt, diam 10 in, depth 976 ft, cased to 180. Lsd about 600 ft above msl. MP top of 1½-in angle pipe on west side of casing, at lsd. Highest water level 12.17 below lsd, Jan. 11, 1965; lowest 14.24 below lsd, Sept. 28, 1964. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 25, 1960	12.54	Mar. 25, 1963	12.46	Nov. 16, 1964	13.25	Sept. 23, 1965	13.85
Oct. 25, 1961	12.39	Mar. 23, 1964	12.88	Dec. 7	13.18	Oct. 21	13.12
Oct. 24, 1962	12.83	Sept. 28	14.24	Jan. 11, 1965	12.17	Dec. 2	12.73

460310N1183100.1. Local number 7/34-26Q1. Demase Bergevin. Drilled irrigation water-table well in basalt, diam 12 in, depth 460 ft, cased to 185, perforated 145-185. Lsd about 650 ft above msl. MP top of 1½-in angle pipe on west side of casing, 1.20 ft above lsd. Highest water level 27.27 below lsd, Oct. 21, 1965; lowest 45.14 below lsd, Oct. 25, 1961. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 25, 1960	35.99	Mar. 25, 1963	27.84	Jan. 11, 1965	36.07	Sept. 23, 1965	a174.30
Oct. 25, 1961	45.14	Mar. 23, 1964	29.55	Mar. 16	30.51	Oct. 21	27.27
Oct. 23, 1962	42.55	Nov. 16	44.69	July 16	a174.46	Dec. 2	41.20

a Well being pumped.

460350N1180310.1. Local number 7/34-29C1. Lowden Johnson. Lowden. Drilled irrigation water-table well in basalt, diam 12 to 6 in, depth 1,201 ft, cased to 610. Lsd about 525 ft above msl. MP top of 1½-in angle pipe on east side of casing, 1.00 ft above lsd. Highest water level 71 below lsd, Dec. 1, 1965; lowest 78.43 below lsd, Oct. 24, 1962. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 25, 1960	77.13	Mar. 25, 1963	a81.02	Dec. 7, 1964	77.55	Aug. 19, 1965	73
Feb. 27, 1961	75.86	July 27, 1964	a88	Jan. 11, 1965	74	Sept. 23	72
Oct. 25	78.04	Sept. 28	a85	Mar. 16	74.09	Oct. 21	a82
Mar. 24, 1962	a81.83	Nov. 16	77	June 4	72	Dec. 1	71
Oct. 24	78.43						

a Well being pumped.

460525N1182830.1. Local number 7/35-7Q1. Walla Walla County School District #59. Drilled domestic water-table well in basalt, diam 6 in, reported depth 285 ft, cased. Lsd about 650 ft above msl. MP top of ½-in vent pipe, 1.00 ft above lsd. Highest water level 1.62 below lsd, Apr. 14, 1955; lowest 55.29 below lsd, Dec. 8, 1964. Records available: 1955-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 14, 1955	1.62	Feb. 22, 1958	24.96	Feb. 28, 1961	42.53	Oct. 24, 1963	51.20
Sept. 22	6.59	Apr. 23, 1959	33.44	Oct. 24	49.76	Mar. 23, 1964	47.49
Apr. 18, 1956	10.05	Oct. 27	45.76	Mar. 26, 1962	45.73	Dec. 8	55.29
Oct. 5	4.87	May 10, 1960	36.85	Mar. 25, 1963	46.71	Mar. 16, 1965	53.91
Feb. 26, 1957	9.98	Oct. 25	46.72				

460230N1180610.1. Local number 7/35-33K1. Walla Walla College, College Place. Drilled irrigation water-table well in basalt, diam 12 in, depth 760 ft, cased to 645. Lsd about 680 ft above msl. MP top of reducer on 1½-in angle pipe on north side of casing, 1.50 ft above lsd. Highest water level 38.81 below lsd, Mar. 25, 1962; lowest 73.14 below lsd, Oct. 23, 1962. Records available: 1961-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 25, 1961	72.43	Mar. 26, 1963	44.55	May 22, 1964	a128.5	Dec. 7, 1964	70.89
Mar. 25, 1962	38.81	Mar. 24, 1964	49.54	July 27	a131.5	Mar. 17, 1965	52.66
Oct. 23	73.14						

a Well being pumped.

460255N1182205.1. Local number 7/35-36A1. Ambrose Zaro. Drilled irrigation and domestic water-table well in basalt, diam 8 to 6 in, depth 635 ft, cased to 554. Lsd about 825 ft above msl. MP top of casing seal at 1½-in hole, 7.65 ft below lsd. Highest water level 21.15 below lsd, Mar. 31, 1955; lowest 96.06 below lsd, Oct. 24, 1963. Records available: 1955-65.

460255N1182205.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 31, 1955	21.15	Feb. 26, 1957	26.00	Oct. 26, 1960	67.70	Mar. 26, 1963	48.99
Apr. 13	21.34	Feb. 22, 1958	25.98	Feb. 28, 1961	42.09	Oct. 24	96.06
June 21	60.23	Oct. 22	66.37	Oct. 25	82.61	Mar. 24, 1964	63.05
Sept. 22	79.44	Oct. 28, 1959	57.39	Mar. 26, 1962	46.06	Dec. 7	86.25
Apr. 18, 1956	26.08	May 10, 1960	39.85	Oct. 23	76.87	Mar. 17, 1965	60.33

460655N1181545.1. Local number 7/36-2J1. R. L. Moore. Drilled irrigation water-table well in basalt, diam 12 in, depth 810 ft, cased to 164. Lsd about 1,260 ft above msl. MP airline gage. Highest water level 64 below lsd, May 10, 1960; lowest 175 below lsd, Oct. 21, 1965. Records available: 1958-65.

Apr. 25, 1958	74.76	Oct. 1, 1960	c93	Dec. 1, 1962	83	Dec. 8, 1964	92
June 25	85.20	26	85	Jan. 22, 1963	72	Jan. 11, 1965	87
Aug. 20	81.24	Dec. 1	80	Mar. 26	73	Mar. 16	78
Apr. 23, 1959	79	Feb. 28, 1961	73	Sept. 27	107	July 16	a180
June 25	79	Mar. 23	74	Oct. 24	99	Aug. 18	a181
Aug. 26	c94	Sept. 25	c105	Nov. 21	91	Sept. 23	a170
Oct. 27	78	Oct. 24	96	Jan. 24, 1964	76	Oct. 21	175
Nov. 29	76	May 26, 1962	67	Mar. 23	71	Dec. 2	168
May 10, 1960	64	Oct. 23	92	Nov. 16	99		

a Well being pumped.

c Nearly well being pumped.

460620N1181610.1. Local number 7/36-11B1. Roy E. Frazier. Drilled irrigation water-table well in basalt, diam 16 to 12 in, depth 807 ft, cased to 176. Lsd about 1,190 ft above msl. MP top edge of pumpbase at  $\frac{1}{4}$ -in hole for water return tube, 0.70 ft above lsd. Highest water level 54.22 below lsd, Apr. 23, 1959; lowest 87.44 below lsd, Oct. 24, 1963. Records available: 1958-65.

Feb. 21, 1958	69.00	Nov. 29, 1959	62.93	Nov. 14, 1961	76.45	Jan. 22, 1963	60.38
Apr. 25	61.10	Oct. 25, 1960	a72.60	Jan. 28, 1962	67.71	Mar. 25	55.69
Apr. 23, 1959	54.22	Dec. 1	67.62	May 26	58.34	Oct. 24	87.44
Aug. 26	a80.59	Jan. 27, 1961	57.44	Oct. 23	80.54	Mar. 23, 1964	59
Oct. 27	64.90	Oct. 24	83.08	Dec. 1	74.71	Mar. 16, 1965	65.27

a Well being pumped.

460515N1181520.1. Local number 7/36-13F1. City of Walla Walla #1. Drilled public-supply water-table well in basalt, diam 12 to 10 in, depth 810 ft, cased to 363. Lsd about 1,250 ft above msl. MP airline gage. Highest water level 76 below lsd, June 4, 1951; lowest 167 below lsd, Aug. 18, 1965. Records available: 1951-65.

June 4, 1951	76	Mar. 24, 1953	96	June 3, 1955	105	Jan. 10, 1957	109
14	77	Apr. 27	92	10	112	27	109
24	95	May 14	97	21	108	29	110
28	102	19	99	July 11	107	Feb. 23	106
July 3	108	June 18	91	18	112	Mar. 7	110
7	105	21	94	22	113	31	107
13	112	28	99	26	114	Apr. 6	109
16	115	July 5	109	Aug. 1	112	29	111
30	112	12	121	5	114	May 9	109
Aug. 6	110	Aug. 12	115	9	119	31	109
15	106	19	114	12	122	June 3	110
23	106	26	114	Sept. 1	117	10	111
Sept. 24	102	Oct. 26	105	16	117	16	110
Oct. 24	97	Nov. 12	103	Oct. 10	113	25	119
Nov. 7	95	Nov. 19	110	Nov. 4	108	July 5	122
14	98	23	110	19	104	10	126
28	94	Dec. 9	101	26	109	15	129
Jan. 30, 1952	88	12	104	30	114	22	127
Mar. 31	90	19	103	Dec. 11	108	29	129
Apr. 5	90	Jan. 28, 1954	95	21	110	Aug. 8	126
14	91	Mar. 9	92	Jan. 15, 1956	108	15	129
24	94	Apr. 5	90	Mar. 18	99	19	128
30	98	13	90	Apr. 21	114	26	126
May 8	99	May 5	92	May 7	104	Sept. 3	126
22	95	June 7	92	10	104	9	130
27	98	21	95	17	104	13	130
June 3	97	26	99	25	108	Oct. 2	124
8	100	30	99	29	109	Nov. 12	113
13	101	July 5	97	June 9	108	Dec. 4	112
28	98	19	102	13	109	6	113
July 3	100	25	122	22	108	20	108
6	100	27	103	24	110	Jan. 8, 1958	105
21	111	Aug. 4	104	July 6	121	17	108
26	112	20	107	12	126	Feb. 13	106
Aug. 2	113	Oct. 19	103	16	124	24	114
4	117	Nov. 16	98	30	133	Apr. 14	106
11	113	Dec. 6	96	Aug. 6	125	17	107
14	113	30	96	10	127	May 19	108
Sept. 17	108	Feb. 8, 1955	91	13	124	26	116
Nov. 4	99	28	91	20	131	29	113
24	99	Mar. 8	91	Sept. 10	125	June 4	116
Jan. 9, 1953	91	29	91	19	126	13	117
16	95	Apr. 7	98	24	126	25	129
23	99	12	110	26	126	July 1	126
31	97	May 5	99	Nov. 6	113	Aug. 4	144
Feb. 3	100	11	103	10	113	24	145
16	101	19	102	Dec. 11	113	Sept. 30	131

460515N1181520.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 3, 1958	131	June 24, 1959	123	Mar. 29, 1960	108	Sept. 19, 1962	146
Nov. 3	122	27	122	Apr. 20	108	Oct. 23	136
6	123	July 8	126	May 20	108	Dec. 1	125
12	123	24	147	June 1	108	Jan. 22, 1963	117
20	123	27	138	9	117	Mar. 24	111
Dec. 1	122	31	138	15	120	Sept. 27	152
10	123	Aug. 3	143	21	117	Oct. 24	143
26	120	6	147	July 4	134	Nov. 21	135
Jan. 11, 1959	118	13	149	11	138	Jan. 24, 1964	122
24	117	17	145	Oct. 4	135	Mar. 23	115
27	123	Sept. 21	126	26	127	May 22	146
Mar. 17	112	Oct. 6	126	Dec. 2	123	Nov. 16	134
Apr. 1	113	11	125	Jan. 27, 1961	113	Dec. 8	135
May 11	111	Nov. 21	118	Feb. 27	119	Jan. 11, 1965	132
29	113	Dec. 18	113	Sept. 25	148	Feb. 16	122
June 8	117	Feb. 1, 1960	109	Oct. 24	138	Aug. 18	167
12	114	7	109	Jan. 29, 1962	120	Sept. 23	153
15	117	Mar. 21	108	May 26	111		

460515N1181505.1. Local number 7/36-13F2. City of Walla Walla #2. Drilled public-supply water-table well in basalt, diam 16 to 12 in, depth 808 ft, cased to 140. Lsd about 1,250 ft above msl. MP airline gage. Highest water level 117 below lsd, Apr. 18, 1955; lowest 178 below lsd, Jan. 28, 1962. Records available: 1955-65.

Apr. 18, 1955	117	Mar. 26, 1960	123	May 26, 1962	124	May 22, 1964	149
Oct. 5, 1956	135	May 10	124	Sept. 19	157	July 27	c171
Aug. 22, 1957	145	July 25	c160	Oct. 23	149	Sept. 28	165
Feb. 22, 1958	134	Oct. 4	150	Dec. 1	139	Nov. 16	146
Apr. 25	132	26	145	Jan. 22, 1963	130	Dec. 8	149
June 25	c182	Dec. 2	139	Mar. 24	125	Jan. 11, 1965	143
Oct. 21	142	Jan. 27, 1961	130	July 25	c167	Mar. 16	135
Apr. 23, 1959	124	Feb. 27	134	Sept. 27	169	June 4	161
June 25	134	Sept. 25	163	Oct. 24	156	Aug. 18	a170
Aug. 26	151	Oct. 24	154	Nov. 21	148	Sept. 23	165
Oct. 27	135	Nov. 14	148	Jan. 24, 1964	133	Oct. 21	156
Nov. 29	133	Jan. 28, 1962	178	Mar. 23	129	Dec. 1	158

a Well being pumped.

c Nearby well being pumped.

460507N1181953.1. Local number 7/36-17K1. City of Walla Walla. Veterans Memorial Park. Drilled unused water-table well in basalt, diam 12 to 8 in, depth 728 ft, cased to 2,155. Lsd about 1,010 ft above msl. MP top edge of 1½-in pipe, 0.29 ft above lsd. Highest water level 49.51 below lsd, May 10, 1960; lowest 114.12 below lsd, Sept. 23, 1965. Records available: 1959-65.

Apr. 24, 1959	49.67	Feb. 27, 1961	55.46	Mar. 25, 1963	61.37	Sept. 28, 1964	112.79
June 25	54.17	Mar. 23	52.48	May 28	59.33	Nov. 16	105.35
Aug. 26	80.78	Sept. 25	89.83	July 25	91.55	Dec. 8	101.80
Oct. 27	74.67	Oct. 24	86.97	Sept. 27	109.55	Jan. 11, 1965	90.49
Mar. 26, 1960	49.63	Mar. 24, 1962	59.72	Oct. 24	107.40	Mar. 16	71.01
May 10	49.51	May 25	58.21	Nov. 21	102.51	June 4	78.70
July 25	72.33	July 26	85.78	Jan. 24, 1964	90.51	Aug. 19	112.33
Oct. 2	87.18	Sept. 19	99.97	Mar. 23	82.56	Sept. 23	114.12
26	83.58	Oct. 23	94.02	May 22	91.45	Oct. 21	113.29
Dec. 1	75.24	Dec. 1	73.19	July 25	105.57	Dec. 2	106.44
Jan. 27, 1961	55.84	Jan. 22, 1963	69.27				

460400N1181805.1. Local number 7/36-22N1. City of Walla Walla #4. Drilled public-supply artesian well in basalt, diam 30 to 24 in, depth 789 ft, cased to 400. Lsd about 1,045 ft above msl. MP airline gage. Highest water level 41 above lsd, Apr. 18, 1955; lowest 32 below lsd, Oct. 26, 1960. Records available: 1955-56, 1959-62, 1964-65.

Apr. 18, 1955	+41	Apr. 23, 1959	+34	Oct. 26, 1960	-32	Mar. 25, 1962	+25
Sept. 21	-5	Oct. 28	-17	Feb. 27, 1961	+30	Mar. 24, 1964	12
Oct. 5, 1956	+7	May 10, 1960	+27	Oct. 24	-25	Mar. 17, 1965	16

4603330N1181520.1. Local number 7/36-25F1. Dwelly Jones. Drilled irrigation water-table well in basalt, diam 12 in, depth 1,100 ft, cased to 157. Lsd about 1,265 ft above msl. MP airline gage. Highest water level 212 below lsd, Mar. 25, 1963; lowest 263 below lsd, Oct. 27, 1959. Records available: 1955-65.

Oct. 25, 1955	a278	Feb. 27, 1957	249	May 10, 1960	253	Mar. 25, 1963	212
Apr. 19, 1956	235	Feb. 22, 1958	245	Feb. 28, 1961	248	Mar. 24, 1964	229
Oct. 6	a283	Apr. 24, 1959	243	Oct. 24	248	Mar. 16, 1965	223
Dec. 19	259	Oct. 27	263	Oct. 23, 1962	242		

a Well being pumped.

460340N1181720.1. Local number 7/36-27G1. Rudolph Depping. Drilled irrigation artesian well in basalt, diam 10 to 8 in, depth 450 ft, cased to 357. Lsd about 1,100 ft above msl. MP airline gage. Highest water level 2 above lsd, Apr. 19, 1956; lowest 42 below lsd, Oct. 24, 1963. Records available: 1955-57, 1959-65.

Apr. 14, 1955	+1.9	Apr. 23, 1959	-23	Oct. 24, 1961	-41	Oct. 24, 1963	-42
Sept. 7	-32	Oct. 27	28	Mar. 26, 1962	31	Mar. 24, 1964	35
Apr. 19, 1956	+2	May 10, 1960	28	Oct. 23	38	Dec. 8	40
Oct. 6	-21.93	Oct. 25	36	Mar. 26, 1963	31	Mar. 17, 1965	32
Feb. 27, 1957	12	Feb. 28, 1961	31				

4603215N1181820.1. Local number 7/36-28R2. City of Walla Walla #5. Aubin and Sturm Aves., Walla Walla. Drilled public-supply water-table well in basalt, diam 30 to 19 in, depth 1,090 ft, cased to 803. Lsd about 803 ft above msl. MP airline gage. Highest water level 85 below lsd, Apr. 3, 1958; lowest 172 below lsd, July 19, 1960. Records available: 1958-64. No measurement made in 1965.



460315N1181820.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1958	86.08	June 24, 1959	126	Dec. 18, 1959	105	Feb. 27, 1961	99
Apr. 3	85	July 21	148	Mar. 9, 1960	98	Mar. 25, 1962	107
Mar. 18, 1959	97	Aug. 3	160	July 6	136	Oct. 24, 1963	152
Apr. 23	95	Oct. 28	118	19	172	Dec. 8, 1964	169
May 19	110	Nov. 4	115	Oct. 26	139		

460235N1182045.1. Local number 7/36-31J1. Walla Walla Country Club. Drilled irrigation water-table well in basalt, diam 12 in, depth 1,715 ft, cased to 538. Lsd about 988 ft above msl. MP airline gage. Highest water level 72 below lsd, Apr. 19, 1955; lowest 150 below lsd, Oct. 24, 1963. Records available: 1955-57, 1959-65.

Apr. 19, 1955	72	Feb. 27, 1957	79	Feb. 28, 1961	88	Oct. 24, 1963	150
Sept. 23	121	Apr. 24, 1959	86	Oct. 24	138	Mar. 24, 1964	116
Apr. 17, 1956	78	Oct. 27	106	Mar. 25, 1962	107	Dec. 8	131
Oct. 6	131	Oct. 26, 1960	112	Oct. 23	137	Mar. 17, 1965	112

460220N1181600.1. Local number 7/36-35Q1. Baker and Baker Corporation, Brewer well #1. Drilled irrigation water-table well in basalt, diam 16 in, depth 936 ft, cased to 235. Lsd about 1,180 ft above msl. MP bottom edge of 1½-in riser pipe 2.00 ft northwest of well, 0.36 ft above lsd. Highest water level 75.74 below lsd, Feb. 22, 1955; lowest 120.05 below lsd, Dec. 8, 1964. Records available: 1954-60, 1964-65.

Oct. 21, 1954	92.63	Apr. 20, 1956	76.62	Apr. 23, 1959	81.40	Mar. 23, 1964	107.63
Dec. 17	80.70	Oct. 5	109.89	Oct. 27	99.34	May 22	a141
Feb. 22, 1955	75.74	Feb. 28, 1957	94	May 10, 1960	90	Dec. 8	120.05
Apr. 16	83	Feb. 22, 1958	83.73	Oct. 26	114	Mar. 17, 1965	101.24
Sept. 21	120	Oct. 21	111.41				

a Well being pumped.

460520N1181400.1. Local number 7/37-18F1. City of Walla Walla #3. Drilled public-supply water-table well in basalt, diam 20 to 16 in, depth 1,169 ft, cased 0-176, 1,063-1,102. Lsd about 1,350 ft above msl. MP hole in pumpbore flange, 0.50 ft above lsd. Highest water level 158 below lsd, Jan. 11, 1965; lowest 210 below lsd, Sept. 23, 1965. Records available: 1955-65.

Apr. 18, 1955	160	June 25, 1959	178.09	Sept. 25, 1961	205.70	Jan. 24, 1964	j161
Sept. 1	176	Aug. 26	194.51	Oct. 24	197.14	Mar. 23	173.63
Oct. 5, 1956	179	Oct. 27	182.29	Nov. 14	190.41	May 22	196.13
Aug. 22, 1957	186.94	Nov. 29	180.09	Jan. 28, 1962	j160	July 27	c228.19
Jan. 23, 1958	167.40	Jan. 23, 1960	167.43	May 26	169.62	Nov. 16	j157
30	164.10	Mar. 26	175.58	Sept. 19	203.41	Dec. 8	194.23
Feb. 6	163.92	May 10	166.77	Oct. 23	194.43	Jan. 11, 1965	158
22	176.81	July 25	200.34	Dec. 1	j169	Mar. 16	j151
Apr. 25	175.60	Oct. 4	192.58	Mar. 25, 1963	169.94	June 4	c260
June 25	185.35	26	185.13	July 25	c210.24	Aug. 18	a270
Oct. 21	181.98	Dec. 2	181	Sept. 27	209.27	Sept. 23	210
Feb. 27, 1959	171.38	Jan. 27, 1961	171.42	Oct. 24	200.91	Oct. 21	202
Apr. 23	167.98	Feb. 27	175.61	Nov. 21	j177	Dec. 2	192

a Well being pumped.

c Nearly well being pumped.

j Recharge water being injected into well.

460455N1181310.1. Local number 7/37-18R2. Olas Filan. Drilled irrigation water-table well in basalt, diam 12 in, depth 770 ft, cased to 102. Lsd about 1,450 ft above msl. MP airline gage. Highest water level 218 below lsd, Apr. 16, 1955; lowest 276 below lsd, Sept. 25, 1961; July 27, 1964. Records available: 1955-65.

Apr. 16, 1955	218	May 10, 1960	236	Sept. 19, 1962	271	July 27, 1964	276
Sept. 22	230	Oct. 4	261	Oct. 23	274	Sept. 28	261
Oct. 5, 1956	251	25	254	Dec. 1	256	Nov. 16	264
Feb. 27, 1957	239	Dec. 2	250	Jan. 22, 1963	245	Dec. 8	263
Apr. 27	235	Feb. 27, 1961	246	Mar. 25	240	Jan. 11, 1965	261
Aug. 22	254	Mar. 23	245	July 25	269	Mar. 16	249
Apr. 25, 1958	243	Sept. 25	276	Sept. 27	271	June 3	253
June 25	251	Oct. 24	268	Oct. 24	271	Aug. 18	266
Oct. 21	252	Jan. 28, 1962	248	Nov. 21	264	Sept. 23	271
Apr. 23, 1959	239	Mar. 25	238	Jan. 24, 1964	248	Oct. 21	271
June 25	255	May 26	239	Mar. 23	243	Dec. 2	258
Oct. 27	249	July 26	265				

460730N1182450.1. Local number 8/35-34Q1. Don Seavey. Drilled irrigation water-table well in basalt, diam 16 to 10 in, depth 1,026 ft, cased. Lsd about 745 ft above msl. MP top of casing cap at ¾-in hole, 1.08 ft above lsd. Highest water level 29.60 below lsd, Feb. 28, 1961; lowest 38.67 below lsd, Dec. 8, 1964. Records available: 1955-65.

Apr. 14, 1955	32.40	Feb. 22, 1958	31.65	Feb. 28, 1961	29.60	Oct. 24, 1963	36.00
Sept. 22	34.92	Oct. 21	33.38	Oct. 23	34.86	Mar. 23, 1964	b35.13
Apr. 18, 1956	30.10	Apr. 23, 1959	32.42	Mar. 26, 1962	31.85	Dec. 8	38.67
Oct. 5	32.75	May 10, 1960	31.70	Mar. 25, 1963	31.86	Mar. 16, 1965	32.06
Feb. 26, 1957	31.96	Oct. 25	33.90				

b Well pumped recently.

460910N1181900.1. Local number 8/36-21N1. Arthur A. Carey. Drilled irrigation water-table well in basalt, diam 12 to 10 in, depth 703 ft, cased to 144. Lsd about 950 ft above msl. MP airline gage. Highest water level 280 below lsd, Apr. 18, 1956; lowest 311 below lsd, Oct. 21, 1958. Records available: 1955-65.

Apr. 14, 1955	281	Oct. 21, 1958	311	Feb. 28, 1961	290	Oct. 24, 1963	308
Apr. 18, 1956	280	Apr. 23, 1959	287	Oct. 23	287	Mar. 23, 1964	289
Oct. 5	a339	Oct. 27	305	Oct. 23, 1962	303	Dec. 8	296
Feb. 26, 1957	286	May 10, 1960	286	Mar. 25, 1963	283	Mar. 16, 1965	286
Feb. 22, 1958	287	Oct. 25	307				

a Well being pumped.

Whatcom County

485934N1221938.1. Local number 40/4-5D1. John C. Loreen. Van Buren and Hoverstick Rds. Dug domestic and stock water-table well in gravel, size 20 x 30 in, depth 61 ft, lined with concrete to 61. Lsd about 170 ft above msl. MP top of south-west corner of concrete curb, 6.18 ft below lsd. Highest water level 48.86 below lsd, Apr. 7, 1951; lowest dry, Jan. 10, 1944, Oct. 4, 1944, Jan. 1, 1953, Sept. 30, 1958. Records available: 1940-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1961	51.84	May 27, 1962	52.48	Aug. 22, 1963	54.18	Nov. 24, 1964	54.08
Mar. 2	49.78	June 27	52.78	Sept. 23	54.88	Dec. 24	52.58
28	50.22	July 24	53.48	Oct. 23	55.48	Jan. 23, 1965	52.38
Apr. 28	50.38	Aug. 24	53.98	Nov. 23	55.68	Feb. 24	49.78
May 26	51.26	Sept. 23	53.48	Dec. 24	54.18	Mar. 23	49.78
June 26	51.48	Oct. 27	55.08	Jan. 22, 1964	51.58	Apr. 24	50.68
July 26	51.98	Nov. 23	55.28	Feb. 27	50.88	May 26	51.18
Aug. 26	53.38	Dec. 26	54.54	Mar. 24	50.78	June 28	51.88
Sept. 26	53.38	Jan. 22, 1963	52.58	Apr. 24	51.08	July 23	52.48
Oct. 26	53.98	Feb. 23	52.58	May 23	50.98	Aug. 24	53.18
Nov. 26	54.58	Mar. 23	52.58	June 23	51.48	Sept. 23	53.78
Jan. 25, 1962	53.18	Apr. 27	51.98	July 22	51.98	Oct. 23	54.48
Feb. 26	52.48	May 22	52.08	Aug. 28	52.78	Nov. 24	55.08
Mar. 26	52.58	June 24	52.78	Sept. 24	53.28	Dec. 31	55.18
Apr. 26	52.28	July 23	53.18	Oct. 22	53.78		

Whitman County

464321N1170923.1. Local number 14/45-4N1. Washington State University. Drilled unused artesian well in basalt, diam 6 in, depth 100 ft, casing unknown (previously reported cased to 100). Lsd 2,381.96 ft above msl. MP top east side of casing, 2.80 ft below lsd. Highest water level 36.82 below lsd, Mar. 7, 1935; lowest 73.85 below lsd, Oct. 26, 1965. Records available: 1932, 1934-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	64.11	July 26, 1962	67.97	Nov. 21, 1963	69.49	Jan. 20, 1965	70.64
Mar. 24	63.60	Sept. 19	67.72	Jan. 24, 1964	69.24	Mar. 16	70.62
July 26	66.00	Nov. 30	67.25	Mar. 24	70.19	May 25	71.09
Sept. 26	66.42	Jan. 23, 1963	68.01	May 21	69.34	Aug. 17	73.39
Dec. 1	65.78	Mar. 27	67.45	July 27	69.89	Sept. 20	73.50
Jan. 25, 1962	66.48	May 29	68.24	Sept. 29	70.40	Oct. 26	73.85
Mar. 26	66.03	July 25	69.22	Nov. 17	73.29	Dec. 7	73.55
May 26	65.81	Sept. 26	69.71				

464321N1170923.1. Local number 14/45-5F1. Washington State University, well #1. Pullman. Drilled unused artesian well in basalt, diam 4 in, depth 145 ft, cased. Lsd 2,364.4 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 22.02 below lsd, Mar. 15, 1935; lowest 57.89 below lsd, Oct. 26, 1965. Records available: 1935-65. (This well was reported as well 14/45-5B1 during 1935-55, but has been correctly identified on new maps.)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1956	c43.25	Aug. 23, 1957	c44.74	Jan. 28, 1962	40.71	May 21, 1964	52.11
Feb. 8	c42.20	Oct. 24	45.87	Mar. 26	c41.69	July 27	c53.77
Mar. 6	c42.05	Aug. 22, 1958	46.65	May 26	41.91	Sept. 29	c54.36
Apr. 3	c41.71	Dec. 17	c45.50	July 26	c42.81	Nov. 17	c53.37
June 5	c41.87	Apr. 25, 1959	43.96	Sept. 19	c43.26	Jan. 20, 1965	53.30
29	c44.66	June 25	44.63	Nov. 30	44.03	Mar. 16	c53.52
July 25	c45.40	Aug. 26	45.08	Jan. 23, 1963	c43.16	May 25	54.14
Aug. 24	c44.88	Mar. 29, 1960	c44.42	Sept. 26	c54.42	Aug. 16	56.42
Oct. 2	c42.80	May 24	44.35	Nov. 21	c53.41	Sept. 20	c57.24
Dec. 18	c43.73	Jan. 26, 1961	46.95	Jan. 24, 1964	52.26	Oct. 26	57.89
Feb. 24, 1957	41.66	July 26	c50.59	Mar. 24	53.18	Dec. 7	56.30
June 25	c45.64						

c Nearly well being pumped.

464230N1170657.1. Local number 14/45-11N1. U.S. Geol. Survey. Driven observation water-table well in gravel, diam 1 1/2 in, depth 15 ft, cased to 15, drive point at bottom. Lsd about 2,523 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 1.66 below lsd, Feb. 27, 1959; lowest 9.48 below lsd, Oct. 3, 1940. Records available: 1934-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1961	4.14	July 26, 1962	5.37	Nov. 21, 1963	6.53	Jan. 20, 1965	3.57
Mar. 24	2.51	Sept. 19	7.01	Jan. 24, 1964	7.52	Mar. 16	3.25
July 26	6.11	Nov. 30	5.88	Mar. 24	6.97	May 25	4.06
Sept. 26	6.44	Jan. 23, 1963	5.00	May 21	4.37	Aug. 17	5.78
Dec. 1	5.71	Mar. 27	3.69	July 27	5.61	Sept. 20	5.87
Jan. 28, 1962	5.01	May 29	4.61	Sept. 29	7.19	Oct. 26	5.98
Mar. 26	2.37	July 25	6.34	Nov. 17	6.82	Dec. 7	5.58
May 26	4.12	Sept. 26	6.81				

464804N1173931.1. Local number 15/41-9K1. John Scheideman. Dusty. Drilled unused water-table well in basalt, diam 10 to 6 in, depth 96 ft, casing unknown (previously reported cased to 96). Lsd about 1,670 ft above msl. MP top of pipe clamps, 1.25 ft below lsd. Highest water level 1.84 below lsd, Mar. 6, 1956; lowest 11.40 below lsd, Jan. 22, 1963. Records available: 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 26, 1961	7.10	Jan. 22, 1963	11.40	Mar. 24, 1964	7.81	May 26, 1965	9.15
Dec. 1	8.37	Mar. 26	4.63	Sept. 28	6.61	Aug. 16	5.92
Jan. 28, 1962	7.96	May 28	4.18	Nov. 17	6.40	Sept. 20	7.75
Mar. 26	7.32	July 25	4.79	Jan. 22, 1965	4.55	Oct. 27	6.37
July 26	7.96	Sept. 27	5.11	Mar. 17	4.21	Dec. 8	6.33
Sept. 19	8.19	Nov. 21	7.91				

464408N1171032.2. Local number 15/45-32N2. Pullman #4. Riche and Grand Sts. Drilled public-supply artesian well in basalt, diam 16 to 12 in, depth 954 ft, cased to 399. Lsd about 2,350 ft above msl. MP top of 2-in pipe for chlorine hose in pump-base, 1.20 ft above lsd. Highest water level 25.98 below lsd, May 24, 1960; lowest 38.23 below lsd, Dec. 7, 1965. Records available: 1959-65.

464408N1171032.2--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 25, 1959	a45.36	July 22, 1960	a51.57	Mar. 27, 1963	b31.84	Sept. 29, 1964	c35.13
June 25	26.14	Sept. 30	b28.22	May 29	32.86	Nov. 17	36.98
Aug. 26	a55.98	Jan. 26, 1961	b28.51	July 25	a63.66	Jan. 20, 1965	b34.95
Oct. 29	26.79	Dec. 1	b30.29	Sept. 26	a65.41	Mar. 16	a62.25
Nov. 29	26.79	Sept. 19, 1962	a61.56	Nov. 21	b34.05	May 25	35.67
Jan. 23, 1960	a53.27	Nov. 1	32.34	Jan. 24, 1964	33.73	Aug. 16	38.20
Mar. 29	26.04	30	a59.19	May 21	33.94	Sept. 20	38.00
May 24	25.98	Jan. 23, 1963	a59.19	July 27	a63.58	Dec. 7	38.23

a Well being pumped.

b Well pumped recently.

c Nearby well being pumped.

465035N1175155.1. Local number 16/39-26J1. J. S. Branch. LaCrosse. Drilled stock water-table well in basalt, diam 6 in, depth 59 ft, cased. Lsd about 1,540 ft above msl. MP  $\frac{1}{2}$ -in hole in metal casing cover, 0.90 ft above lsd. Highest water level 37.29 below lsd, May 8, 1956; lowest 50.52 below lsd, July 27, 1964. Records available: 1954-65.

Jan. 26, 1961	45.80	July 26, 1962	42.59	Sept. 27, 1963	42.13	Jan. 19, 1965	45.35
Mar. 24	38.16	Sept. 19	42.97	Nov. 21	44.86	Mar. 15	40.05
July 26	40.60	Nov. 30	43.12	Mar. 24, 1964	43.96	May 24	a41.45
Sept. 26	41.04	Jan. 22, 1963	46.13	May 21	44.29	Aug. 18	41.97
Dec. 1	41.84	Mar. 26	41.83	July 27	50.52	Sept. 22	42.48
Jan. 28, 1962	41.69	May 28	40.63	Sept. 29	45.05	Oct. 28	43.32
Mar. 26	41.03	July 25	41.32	Nov. 18	45.43	Dec. 8	43.18
May 26	42.27						

a Well being pumped.

470045N1172117.1. Local number 18/43-35P1. G. H. Noc. Drilled domestic (previously reported unused) water-table well in basalt, diam 6 in, depth 132 ft, cased. Lsd about 2,320 ft above msl. MP  $\frac{1}{2}$ -in hole in steel cap, 4.50 ft below lsd. Highest water level 5.10 below lsd, Mar. 20, 1949; lowest 18.14 below lsd, Oct. 5, 1956. Records available: 1940-65.

Jan. 26, 1961	11.84	Mar. 26, 1962	b15.68	Sept. 27, 1963	b16.71	May 24, 1965	9.65
Mar. 24	11.33	May 26	14.80	Nov. 21	16.60	Aug. 17	a9.92
July 26	12.43	July 26	b14.51	Sept. 29, 1964	a20.34	Sept. 20	a14.05
Sept. 26	13.01	Sept. 20	b15.30	Nov. 17	14.16	Oct. 27	a13.55
Dec. 1	15.28	Nov. 30	14.30	Jan. 19, 1965	10.15	Dec. 7	12.62
Jan. 28, 1962	14.73	Jan. 23, 1963	b15.63	Mar. 15	8.17		

a Well being pumped.

b Well pumped recently.

470047N1170858.1. Local number 18/45-32H1. J. E. Love. Garfield. Drilled unused water-table well in basalt, diam 6 in, depth 131 ft, cased. Lsd about 2,540 ft above msl. MP top west side of casing, 4.00 ft below lsd. Highest water level 46.98 below lsd, Apr. 25, 1959; lowest 57.84 below lsd, Nov. 17, 1964. Records available: 1953-65.

Jan. 26, 1961	54.66	July 26, 1962	54.14	Sept. 27, 1963	56.40	Jan. 20, 1965	57.67
Mar. 24	51.88	Sept. 20	54.53	Nov. 20	56.61	Mar. 15	53.76
July 26	51.90	Nov. 30	54.36	Mar. 24, 1964	57.83	May 26	53.08
Sept. 26	52.92	Jan. 23, 1963	56.34	May 21	56.98	Aug. 17	54.15
Dec. 1	53.67	Mar. 27	55.68	July 27	56.59	Sept. 20	54.67
Jan. 28, 1962	54.13	May 29	55.44	Sept. 29	57.02	Oct. 27	54.93
Mar. 26	53.69	July 24	55.70	Nov. 17	57.84	Dec. 7	54.98
May 26	54.23						

470532N1173462.1. Local number 19/41-36R2 (previously reported 18/41-1B1). Thomas Kimball. Park and Front Sts., St. John. Drilled unused artesian well in basalt, diam 6 in, depth 84 ft, cased. Lsd about 2,100 ft above msl. MP top of  $\frac{1}{4}$ -in pipe, 1.35 ft above lsd. Highest water level 1.42 below lsd, May 25, 1960; lowest 9.92 below lsd, Sept. 7, 1955. Records available: 1945-65.

Jan. 28, 1961	2.25	May 26, 1962	3.76	July 24, 1963	2.61	Jan. 19, 1965	2.29
Mar. 24	1.77	July 26	2.89	Sept. 21	2.69	Mar. 15	2.38
July 26	2.55	Sept. 20	2.35	Nov. 21	2.26	May 24	2.52
Sept. 26	2.80	Nov. 30	2.24	Jan. 24, 1964	2.26	Aug. 17	3.91
Dec. 1	2.27	Jan. 23, 1963	2.93	May 21	2.27	Sept. 20	2.35
Jan. 28, 1962	3.17	Mar. 27	2.24	Sept. 29	2.41	Oct. 27	2.39
Mar. 26	2.21	May 29	2.27	Nov. 17	2.28	Dec. 7	2.32

## Yakima County

463200N1204620.1. Local number 12/16-13D2. Herke Bros. Drilled test water-table well in unknown aquifer, diam 8 in, depth 130 ft. Lsd about 1,800 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 50.37 below lsd, June 15, 1951; lowest 89.79 below lsd, Sept. 15, 1952. Records available: 1951-65.

Mar. 20, 1951	53.70	July 25, 1952	c71.05	Dec. 3, 1953	67.62	Aug. 18, 1955	c82.09
May 15	51.63	Sept. 15	89.79	Jan. 13, 1954	64.68	Dec. 16	66.00
June 15	50.37	Oct. 17	73.31	Mar. 25	60.89	Apr. 22, 1956	58.61
July 14	51.17	Nov. 25	67.03	Apr. 22	59.15	June 30	58.76
Aug. 10	c79.08	Dec. 17	65.89	May 26	58.74	Aug. 25	c85.84
Sept. 19	70.60	Jan. 20, 1953	62.97	June 27	58.89	Dec. 20	61.21
Oct. 18	66.20	Feb. 12	62.43	July 26	57.63	Feb. 28, 1957	58.77
Nov. 20	62.56	16	61.32	Sept. 3	c74.89	Apr. 28	56.72
Dec. 19	60.50	Mar. 10	59.68	14	64.36	June 27	56.93
Jan. 22, 1952	58.42	Apr. 7	58.37	Oct. 18	61.68	July 19	c90.61
Feb. 19	56.69	July 20	c72.32	Nov. 24	60.04	Aug. 22	c106.60
Mar. 17	55.09	Aug. 14	81.47	Dec. 15	59.57	Oct. 23	75.46
Apr. 18	53.60	Sept. 4	88.11	Feb. 15, 1955	57.15	Dec. 15	71.24
May 19	52.28	Oct. 6	76.20	Apr. 25	55.29	Feb. 20, 1958	68.10
June 23	52.56	30	71.60	June 20	57.30	Apr. 24	65.53

463100N1204310, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 14, 1958	69.46	Sept. 28, 1959	85.48	Oct. 26, 1960	78.87	Nov. 25, 1963	81.51
24	c93.25	Oct. 12	83.51	Dec. 3	76.66	Mar. 18, 1964	74.96
29	c95.21	Nov. 12	80.98	Jan. 5, 1961	80.41	Apr. 23	73.34
Aug. 3	c102.57	17	80.07	July 27	70.15	May 25	73.37
11	c103.28	Dec. 3	78.90	Sept. 24	80.14	June 25	73.51
28	c104.19	21	77.47	Dec. 3	76.27	Sept. 23	84.84
Sept. 16	c107.05	Jan. 4, 1960	76.63	Mar. 20, 1962	70.72	Oct. 30	83.65
Oct. 13	82.54	22	76.47	May 22	70.41	Dec. 4	81.08
Dec. 15	77.44	Feb. 2	76.01	July 31	c87.37	Jan. 21, 1965	56.16
May 27, 1959	69.57	15	74.13	Sept. 19	88.59	Mar. 4	54.40
June 10	69.62	29	73.03	Dec. 2	80.06	Apr. 8	74.52
24	70.96	Mar. 28	71.58	Jan. 22, 1963	76.92	June 5	73.92
July 8	71.12	Apr. 15	68.54	Apr. 3	73.34	July 17	c89.05
22	71.39	25	70.09	May 28	70.67	Aug. 28	82.40
Aug. 14	82.58	June 21	70.40	July 29	d87.79	Oct. 19	83.16
25	c101.24	Aug. 30	82.19	Sept. 5	d110.10	Dec. 2	82.03
Sept. 15	c108.53	Oct. 6	79.91	Oct. 1	85.39		

c Nearby well being pumped.

d Nearby well pumped recently.

463056N1204224, 1. Local number 12/16-13H1. St. Joseph's Catholic Church. Dug domestic water-table well in unknown aquifer, diam 36 in, depth 9 ft, cased. Lsd about 1,700 ft above msl. MP valve seat in pump, 2.00 ft above lsd. Highest water level 5.44 below lsd, Apr. 9, 1965; lowest 7.14 below lsd, Aug. 28, 1965. Records available: 1965. Apr. 9, 1965, 5.44; June 5, 6.27; July 17, 6.08; Aug. 28, 7.14; Oct. 19, 6.46; Dec. 2, 5.75.

463308N1203855, 1. Local number 12/17-2R2. Frank Glaspey. Wiley City. Dug unused water-table well in gravel, diam 36 in, depth 9 ft, lined with concrete to 9. Lsd 1,323.57 ft above msl. MP top of concrete tile, at lsd. Highest water level 2.44 below lsd, June 5, 1965; lowest 5.86 below lsd, Dec. 2, 1965. Records available: 1958, 1965.

July 18, 1958	3.26	Aug. 15, 1958	4.66	Apr. 9, 1965	3.26	Aug. 28, 1965	5.11
24	3.66	28	4.79	June 5	2.44	Oct. 19	4.40
29	3.89	Sept. 16	4.25	July 17	3.36	Dec. 2	5.86
Aug. 6	4.40	Oct. 13	4.70				

463213N1204357, 1. Local number 12/17-8N1. Loyd Dovel. Drilled unused water-table well in basalt, diam 8 in, depth 215 ft, cased to 112. Lsd about 1,595 ft above msl. MP top of recorder shelf, 3.23 ft above lsd. Highest water level 6.13 below lsd, May 14, 1965; lowest 56.19 below lsd, Sept. 16, 1965. Records available: 1963-65. Late summer levels affected by ground-water withdrawals.

Highest water level for the day, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	32.07	18.47	13.56
10	.....	.....	.....	.....	.....	.....	.....	.....	41.96	27.71	17.65	13.59
15	.....	.....	.....	.....	.....	.....	.....	.....	38.70	26.35	17.66	13.58
20	.....	.....	.....	.....	.....	.....	.....	.....	40.38	24.92	16.23	13.73
25	.....	.....	.....	.....	.....	.....	.....	.....	30.52	23.23	15.61	13.10
Eom	.....	.....	.....	.....	.....	.....	.....	.....	32.93	20.29	14.64	11.01

1964

5	10.91	10.58	10.54	10.55	23.93	7.09	11.06	.....	40.69	37.03	21.50	18.40
10	10.87	10.60	10.55	c13.47	21.73	8.69	12.02	.....	43.37	29.23	20.37	16.97
15	10.89	10.59	10.58	c18.08	22.77	9.77	18.93	.....	40.61	25.06	20.18	16.29
20	10.75	10.65	10.68	c19.42	12.87	10.53	17.34	.....	43.58	23.38	19.64	15.87
25	10.81	10.61	10.77	21.87	10.22	10.89	16.40	.....	41.64	23.20	19.18	12.88
Eom	10.67	10.55	10.60	23.69	11.38	11.58	24.62	40.19	38.20	22.14	18.71	10.73

1965

5	10.52	8.93	9.11	9.66	9.88	9.38	.....	.....	46.44	46.34	24.68	10.48
10	10.58	9.14	9.26	9.67	8.80	.....	.....	.....	50.48	44.68	19.58	10.31
15	10.53	9.21	9.34	9.73	6.94	.....	.....	.....	55.29	42.74	14.69	10.25
20	10.38	8.63	9.44	9.70	8.98	10.72	.....	.....	53.45	40.49	11.19	10.27
25	10.22	8.71	9.49	9.82	9.14	11.10	.....	.....	51.78	36.11	10.79	10.19
Eom	9.52	8.88	9.61	10.35	6.54	11.14	.....	50.82	46.64	29.95	10.63	10.08

c Nearby well being pumped.

463226N1204129, 1. Local number 12/17-9J3. Walter McInnis. Drilled unused water-table well in basalt, diam 4 in, depth 479 ft, cased to 430. Lsd about 1,450 ft above msl. MP top of floor of recorder shelter, 2.20 ft above lsd. Highest water level 66.85 below lsd, June 26, 1953; lowest 132.22 below lsd, Aug. 28, 1965. Records available: 1953-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1961	92.16	Sept. 19, 1962	88.78	Mar. 18, 1964	89.69	Jan. 21, 1965	98.69
27	91.98	Dec. 2	89.67	Apr. 23	90.14	Mar. 4	97.16
Mar. 22	90.81	Jan. 2, 1963	89.50	May 25	92.65	Apr. 8	95.52
July 27	89.31	Apr. 3	88.01	June 25	93.21	June 5	96.67
Sept. 24	91.59	May 28	86.19	July 24	94.30	July 17	97.69
Dec. 3	92.20	July 29	86.59	Aug. 27	94.92	Aug. 28	132.22
Mar. 20, 1962	89.17	Sept. 5	87.64	Sept. 23	99.77	Oct. 19	121.32
May 22	87.84	Oct. 1	88.89	Oct. 30	101.53	Dec. 2	99.73
July 31	87.75	Nov. 25	89.12				

463202N1204232, 1. Local number 12/17-16D3. Oral Brown. Drilled cased and irrigation artesian well in basalt, diam 10 in, depth 384 ft, cased to 312. Lsd about 1,520 ft above msl. MP valve in casing cap for pressure gage, 5.50 ft above lsd. Highest water level 64 above lsd, Feb. 15, 29, 1960; lowest 19 above lsd, Oct. 19, 1965. Records available: 1959-65.

463202N1204232.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 10, 1959	+b54	Feb. 2, 1960	+63	Sept. 24, 1961	+b54	May 25, 1964	+b48
24	b54	15	64	Dec. 3	48	June 25	b40
July 8	b49	29	64	Jan. 23, 1962	47	July 24	b18
22	b47	Apr. 15	62	Mar. 20	53	Aug. 27	b21
Aug. 14	b48	25	62	Sept. 19	b48	Sept. 23	b19
24	b47	May 11	b55	Dec. 2	49	Oct. 30	22
Sept. 15	b45	June 6	b54	Jan. 21, 1963	51	Dec. 4	39
28	b45	21	b54	Apr. 3	57	Jan. 21, 1965	44
Oct. 12	54	July 26	b53	May 28	b57	Mar. 4	51
Nov. 2	57	Aug. 30	b53	July 29	b38	Apr. 8	a18
17	58	Oct. 6	53	Sept. 5	b26	June 5	a7
Dec. 3	59	26	b47	Oct. 1	b30	July 17	a2
21	60	Dec. 3	44	Nov. 25	37	Aug. 28	a3
Jan. 4, 1960	60	Jan. 5, 1961	42	Mar. 18, 1964	54	Oct. 19	19
22	60	Mar. 22	48	Apr. 23	b48	Dec. 2	31

a Well being pumped.

b Well pumped recently.

463212N1204323.1. Local number 12/17-17C1. Carl Scheneberger. Carson and Rutherford Rds. Drilled irrigation artesian well in basalt, diam 8 in, depth 243 ft, cased to 166. Lsd about 1,560 ft above msl. MP end of reducer in end of horizontal 3-in pipe, 3.00 ft above lsd. Highest water level 2.60 above lsd, May 22, 1962; lowest 21.56 below lsd, Oct. 19, 1965. Records available: 1959-65.

June 3, 1959	-1.25	Mar. 28, 1960	+0.50	Dec. 2, 1962	-3.70	June 25, 1964	-10.18
24	+5.50	Apr. 15	+5.50	Jan. 21, 1963	-2.37	July 24	a44
Sept. 15	-5.97	25	-8.0	Apr. 3	+3.35	Aug. 27	a120
28	2.43	Aug. 30	12.03	May 28	+2.50	Sept. 23	a114
Oct. 12	.99	Oct. 6	7.26	July 29	-8.10	Oct. 30	9.40
Nov. 2	.23	26	4.54	Sept. 5	b20.60	Jan. 21, 1965	4.48
17	.49	Dec. 3	4.24	12	b20	Mar. 4	2.22
Dec. 3	-.57	Jan. 5, 1961	5.42	16	19	Apr. 8	4.35
21	+1.29	Mar. 22	3.03	26	13	June 5	a62.48
Jan. 4, 1960	-.79	Sept. 24	-13.63	Oct. 1	c14.20	July 17	a63.80
22	.62	Dec. 3	+6.0	Nov. 25	3.61	Aug. 28	a62.60
Feb. 2	-.53	Jan. 23, 1962	-.50	Mar. 18, 1964	1.26	Oct. 19	21.56
15	+5.50	Mar. 20	-.65	May 25	a101	Dec. 2	9.27
29	.50	May 22	+2.60				

a Well being pumped.

b Well pumped recently.

c Nearly well being pumped.

463314N1203003.1. Local number 12/18-1R1. U.S. Geol. Survey. Driven observation water-table well in gravel, diam 1½ in, depth 9 ft, cased to 7, screened 7-9. Lsd about 995 ft above msl. MP top of 1½-in hole, 0.40 ft above lsd. Highest water level 0.83 below lsd, Apr. 22, 1956; lowest 8.40 below lsd, Aug. 23, 1957. Records available: 1952-64. Well destroyed; measurement discontinued.

Jan. 5, 1961	4.80	Mar. 20, 1962	5.18	Apr. 3, 1963	5.48	Jan. 27, 1964	4.90
Mar. 22	4.03	May 22	5.71	May 28	2.17	Mar. 18	4.46
July 27	7.49	July 31	5.13	July 29	5.94	May 25	3.59
Sept. 24	6.42	Sept. 19	5.43	Oct. 1	3.15	June 25	4.69
Dec. 3	2.70	Dec. 2	4.54	Nov. 25	4.62	Sept. 23	4.69
Jan. 23, 1962	2.93	Jan. 21, 1963	5.43				

463331N1203437.1. Local number 12/18-4F1. A. H. Lust. McDonald and Ahtanum Rds. Dug domestic water-table well in sand and gravel, diam 36 in, depth 12 ft, lined with concrete to 9. Lsd 1,137.20 ft above msl. MP top southeast side of concrete curb, 1.00 ft above lsd. Highest water level 2.20 below lsd, May 19, 1952; lowest 9.45 below lsd, Aug. 28, 1965. Records available: 1951-65.

Mar. 20, 1951	5.31	Sept. 4, 1953	6.82	Apr. 24, 1958	6.50	Jan. 4, 1960	6.55
May 15	2.78	Oct. 6	7.21	June 24	7.12	22	5.81
June 15	4.48	30	7.24	July 18	6.83	Feb. 2	4.96
July 14	3.85	Dec. 3	5.94	24	7.09	15	5.40
Aug. 11	6.98	Jan. 13, 1954	4.31	29	7.18	29	5.33
Sept. 19	6.64	Mar. 25	5.47	Aug. 7	7.20	Mar. 14	4.69
25	6.45	May 26	2.59	15	7.14	28	5.44
Oct. 18	5.37	July 26	6.54	28	8.00	Apr. 15	4.02
Nov. 20	4.88	Sept. 14	7.04	Sept. 16	6.48	25	5.95
Dec. 19	6.16	Oct. 18	6.65	Oct. 13	6.39	May 11	6.18
Jan. 22, 1952	6.65	Nov. 24	5.95	Dec. 15	7.37	June 6	5.18
Feb. 20	5.17	Dec. 16	6.39	Feb. 26, 1959	6.47	21	6.73
Mar. 17	5.31	Apr. 25, 1955	6.67	Apr. 22	7.08	July 26	7.27
Apr. 18	5.68	June 20	3.23	May 27	4.60	Aug. 30	8.01
May 19	2.20	Aug. 17	7.10	June 10	4.47	Oct. 6	7.73
June 23	5.15	Dec. 16	6.31	24	5.41	26	7.38
July 25	5.87	Apr. 22, 1956	4.18	July 8	5.22	Dec. 3	6.80
Sept. 17	7.84	June 29	3.48	22	6.18	Jan. 5, 1961	7.09
Oct. 20	7.77	Aug. 25	6.50	Aug. 14	7.50	Mar. 22	5.46
Nov. 25	6.82	Dec. 20	7.18	25	7.85	July 27	6.95
Dec. 18	6.71	Feb. 28, 1957	5.75	Sept. 15	7.47	Sept. 24	5.41
Jan. 19, 1953	4.82	Apr. 8	6.04	28	6.83	Dec. 3	4.73
Feb. 16	4.70	June 27	5.31	Oct. 12	6.76	Jan. 23, 1962	5.11
Mar. 10	5.88	Aug. 22	8.44	Nov. 2	6.19	Mar. 20	6.83
Apr. 7	5.86	Oct. 23	7.93	17	6.26	May 22	7.11
July 20	5.82	Dec. 15	8.08	Dec. 3	6.33	July 31	6.71
Aug. 13	5.95	Feb. 20, 1958	6.60	21	5.86	Sept. 19	8.30

463331N1203437, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 2, 1962	7.23	Nov. 25, 1963	6.36	Oct. 30, 1964	7.63	June 5, 1965	4.72
Jan. 21, 1963	7.36	Mar. 18, 1964	6.12	Dec. 4	8.00	July 17	8.46
Apr. 3	7.03	May 25	6.83	Jan. 21, 1965	7.75	Aug. 28	9.45
May 28	5.71	June 25	7.12	Mar. 4	6.35	Oct. 19	8.29
July 29	6.98	Sept. 23	7.70	Apr. 8	6.80	Dec. 2	8.19
Oct. 1	5.62						

463022N1200958, 1. Local number 12/21-27A1. Washington Department of Agriculture. Moxee Plant Quarantine Station. Drilled irrigation water-table well in sand, diam 12 to 10 in, depth 287 ft, cased to 287, perforated 193-255. Lsd about 1,555 ft above msl. MP airline gage. Records available: 1965. May 11, 1965, 210 (well being pumped); June 6, 215 (well being pumped); July 18, 222 (well being pumped); Aug. 29, 225 (well being pumped); Oct. 4, 212 (well being pumped); Dec. 6, 218.

464445N1203600, 1. Local number 15/18-32K3. Wenas Valley Grange. Drilled institutional water-table well in gravel, diam 8 to 6 in (previously reported 6 in), depth 85 ft, cased. Lsd about 1,460 ft above msl. MP top of casing, 6.00 ft below lsd. Highest water level 37.00 below lsd, Oct. 22, 1948; lowest 52.17 below lsd, Aug. 22, 1957. Records available: 1948, 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1961	42.31	Mar. 20, 1962	43.48	Oct. 1, 1963	44.70	June 5, 1965	45.52
Mar. 2	42.31	May 22	43.77	Oct. 30, 1964	45.53	July 14	45.27
Sept. 24	44.21	July 31	44.62	Jan. 19, 1965	44.90	Aug. 27	46.35
Dec. 3	42.94	Sept. 19	44.77	Mar. 2	44.65	Oct. 5	45.84
Jan. 23, 1962	43.67	Dec. 2	44.13	Apr. 6	44.66	Dec. 1	46.54

## WYOMING

The observation-well program in Wyoming was continued during 1961 through 1965 in cooperation with the State Engineer and the City of Cheyenne. Water-level measurements for 150 federal-network observation wells are included in this report. Additional water-level measurements were made during project studies and have been, or will be, published as water-supply papers. Other reports released during the period 1961-65 that contain significant water-level data are given in the list of references. Figure 9 shows the location of observation wells included in this report.

### Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained elsewhere in this publication. Local well numbers are also given.

Local well numbers give the location of the well within the Bureau of Land Management's system of land subdivision. The first numeral of a well number indicates the township, the second the range, and the third the section in which the well is located. The letters which follow the section number indicate the location of the well within the section. The first letter denotes the quarter section, the second the quarter-quarter section, and the third, if used, the quarter-quarter-quarter section. The subdivisions of the section are lettered a, b, c, and d counterclockwise beginning with a in the northeast quarter. Where more than one well is located in the smallest subdivision used, consecutive numbers beginning with 1 are added to the well number. Well numbers beginning with a capital letter A, B, C, or D designate wells in the northeast, northwest, southwest, or southeast quadrant, respectively, of the Wind River meridian and base-line system. Wells numbers that do not begin with a capital letter designate wells in the north-west quadrant of the sixth principal meridian and base-line system. Thus, well 24-60-19bad2 is the second well inventoried in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 19, T. 24 N., R. 60 W. of the sixth principal meridian and base-line system.

### Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

#### Albany County

41111N1054943.1. Local number 14-75-17aac. Roy Moeller. Dug domestic and stock water-table well in gravel of terrace deposits, diam 4 ft, depth 8 ft, cribbed with concrete to 8. Lsd 7,282 ft (previously reported 7,275 ft) above msl. MP crack in board cover, at lsd. Highest water level 2.90 below lsd, July 8, 1949; lowest dry at 8.00 below lsd, Oct. 1, 1955. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 10, 1961	6.02	Sept. 27, 1962	6.17	June 3, 1964	7.09	Apr. 19, 1965	7.15
Sept. 22	6.25	Apr. 1, 1963	5.69	Oct. 26	7.80	Oct. 1	5.47
Apr. 25, 1962	5.15						

41092N1054939.1. Local number 14-75-29adb. Oda Mason. Dug unused water-table well in alluvium, diam 5 ft, depth 10 ft, cribbed with wood to 8. Lsd about 7,227 ft above msl. MP top of board cover, 0.60 ft above lsd. Highest water level 1.61 below lsd, May 24, 1951; lowest 5.64 below lsd, Nov. 15, 1949. Records available: 1948-62. Measurement discontinued; well destroyed. Replaced by new well (augered and driven Apr. 23, 1963 by U.S. Geol. Survey) and given same well number. May 10, 1961, 4.19; Sept. 22, 4.47; Apr. 25, 1962, 4.14.

41092N1054939.1. Local number 14-75-29adb. Oda Mason. Augered and driven observation water-table well in sand and gravel of alluvium, diam 1 in, depth 8 ft, cased with steel pipe, 2 ft screen drive-point. Lsd about 7,227 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 3.64 below lsd, June 3, 1964; lowest 4.89 below lsd, Oct. 10, 1963. Records available: 1963-65. Replaces previously listed well with same number. Apr. 23, 1963, 4.33; Oct. 10, 4.89; June 3, 1964, 3.64; Oct. 26, 4.69; Apr. 19, 1965, 4.22; Oct. 1, 4.03.

411305N1055535.1. Local number 14-76-4aab. John A. Connors. Drilled unused water-table well in gravel of terrace deposits, diam 6 in, depth 12 ft, cased with steel. Lsd about 7,304 ft above msl. MP top of casing, 1.80 ft above lsd. Highest water level 3.48 below lsd, June 21, 1949; lowest 7.05 below lsd, Oct. 1, 1955. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 10, 1961	4.29	Sept. 26, 1962	5.67	June 3, 1964	5.31	Apr. 19, 1965	5.66
Sept. 22	5.02	Apr. 1, 1963	4.41	Oct. 26	6.51	Oct. 1	4.67
Apr. 25, 1962	3.73	Oct. 10	6.34				

410847N1055852.1. Local number 14-77-25dcd. Wm. D. Embree. Drilled stock water-table well in gravel of terrace deposits, diam 8 in, depth 75 ft, cased with steel. Lsd 7,424 ft (previously reported 7,417.1 ft) above msl. MP top of casing, 0.90 ft above lsd. Highest water level 24.92 below lsd, Sept. 21, 1951 (previously reported 18.75 below lsd, Apr. 15, 1955); lowest 35.79 below lsd, Apr. 19, 1965. Records available: 1948-53, 1959-65. (Measurements previously shown for 1954-55 were actually for a nearby well which had been measured by mistake.)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 10, 1961	32.48	Apr. 25, 1962	31.98	Apr. 1, 1963	30.79	Apr. 19, 1965	35.79
Sept. 22	a28.34	Sept. 26	26.79	Oct. 26, 1964	35.13	Oct. 1	29.60

a Well being pumped.

411817N1053803.1. Local number 15-74-1aaa. Maurice Laycock. Dug stock water-table well in alluvium, diam 24 in, depth 11 ft, cribbed with brick. Lsd 7,173 ft (previously reported 7,079.5 ft) above msl. MP top of casing, 1.00 ft above lsd. Highest water level 1.14 below lsd, Oct. 1, 1965; lowest 8.85 below lsd, Sept. 27, 1954. Records available: 1948-65.

411817N1053803.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 10, 1961	5.95	Sept. 26, 1962	4.02	June 3, 1964	2.86	Apr. 19, 1965	6.25
Sept. 22	3.94	Oct. 1, 1963	5.60	Oct. 26	3.45	Oct. 1	1.14
Apr. 25, 1962	5.11	Oct. 10	4.01				

412119N1055800.1. Local number 16-76-18dbb. Dr. Jack Markley. Drilled unused water-table well in alluvium, diam 6 in, depth 15 ft, cased with steel. Lsd 7,345 ft (previously reported 7,329.4 ft) above msl. MP top of casing, 0.60 ft above lsd. Highest water level 0.00, July 8, 1949, May 24, July 23, 1951; lowest 7.48 below lsd, Oct. 1, 1960. Records available: 1948-65.

May 10, 1961	4.93	Sept. 26, 1962	5.36	June 3, 1964	1.55	Apr. 19, 1965	4.86
Sept. 22	5.56	Apr. 1, 1963	.50	Oct. 26	5.60	Oct. 1	2.34
Apr. 25, 1962	2.99	Oct. 10	5.29				

412345N1054759.1. Local number 17-75-34cdd. Ralph May. Dug unused water-table well in alluvium, diam 4 ft, depth 10 ft, cribbed with wood to 10. Lsd about 7,147 ft above msl. MP top of pump, 0.80 ft above lsd. Highest water level 0.87 below lsd, June 21, 1949; lowest 6.50 below lsd, Sept. 27, 1954. Records available: 1948-65.

May 10, 1961	3.64	Sept. 26, 1962	5.59	June 3, 1964	3.02	Apr. 19, 1965	5.30
Sept. 22	4.56	Apr. 1, 1963	4.30	Oct. 26	5.37	Oct. 1	2.01
Apr. 25, 1962	2.57	Oct. 10	5.09				

Big Horn County

441453N1073607.1. Local number 49-90-1daal. Owner unknown. Dug unused water-table well in sand and gravel of alluvium, diam 4 ft, depth 14 ft, cribbed with rock to 14. Lsd 4,456.4 ft above msl. MP northeast corner of square opening in well cover, 0.60 ft above lsd (since May 22, 1961). Highest water level 3.00 below lsd, June 29, 1949; lowest 10.33 below lsd, Apr. 20, 1965. Records available: 1947-65.

May 22, 1961	6.19	Sept. 18, 1962	7.65	May 10, 1964	9.93	Apr. 20, 1965	10.33
Sept. 20	7.47	Apr. 2, 1963	9.90	Sept. 23	8.66	Oct. 3	9.08
Apr. 24, 1962	9.10	Sept. 26	7.32				

441234N1074422.1. Local number 49-91-24bba. U.S. Geol. Survey. Jetted unused water-table well in alluvium, diam  $\frac{3}{4}$  in, depth 11 ft, screened 10-11. Lsd 4,110.8 ft above msl. MP top of casing, 2.50 ft above lsd. Highest water level 6.81 below lsd, Sept. 20, 1961; lowest dry at 11.00 below lsd, May 29, July 31, 1951. Records available: 1951-65.

May 22, 1961	8.74	Sept. 18, 1962	8.03	May 10, 1964	8.78	Apr. 20, 1965	8.79
Sept. 20	6.81	Apr. 2, 1963	8.82	Sept. 23	7.27	Oct. 3	7.86
Apr. 24, 1962	8.77	Sept. 26	7.37				

441609N1075753.1. Local number 50-92-31bba1. Manderson Hotel (Johnson). Drilled unused artesian well in Fort Union Formation, diam 5 in, depth 48 ft, cased with steel. Lsd 3,893.2 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.34 below lsd, Apr. 24, 1962; lowest 21.85 below lsd, May 19, 1954. Records available: 1947-65.

May 22, 1961	12.65	Sept. 18, 1962	8.20	May 10, 1964	8.37	Apr. 20, 1965	8.62
Sept. 20	9.59	Apr. 2, 1963	8.42	Sept. 23	7.70	Oct. 3	8.05
Apr. 24, 1962	7.34	Sept. 26	9.11				

442423N1081045.1. Local number 51-94-8dbb. Alvin Mills. Drilled irrigation water-table well in alluvium and Willwood Formation, diam 12 in, depth 39 ft, cased with steel to 40, 8-10 ft perforated. Lsd not available. MP hole in side of casing extension, 0.60 ft above lsd (since Sept. 18, 1962). Highest water level 3.58 below lsd, Aug. 11, 1957; lowest 22.84 below lsd, Apr. 25, 1962. Records available: 1956-65.

May 23, 1961	16.27	Sept. 18, 1962	7.94	May 12, 1964	19.81	Apr. 21, 1965	21.33
Sept. 20	12.71	Apr. 3, 1963	19.33	Sept. 23	8.17	Oct. 3	9.22
Apr. 25, 1962	22.84	Sept. 26	8.97				

442318N1081611.1. Local number 51-95-15ecb1. Merlin Wardell. Dug irrigation water-table well in alluvium, diam 18 in, depth 24 ft, cased with vitrified clay pipe, open hole, gravel-packed. Lsd about 4,130 ft above msl. MP top of casing, 5.00 ft below lsd. Highest water level 4.50 below lsd, Sept. 16, 1959; lowest 7.65 below lsd, Apr. 4, 1957. Records available: 1956-64. Measurement discontinued. May 23, 1961, 6.43; Sept. 20, 5.95; Apr. 25, 1962, 7.61; Sept. 18, 6.40; Apr. 3, 1963, 7.29; Sept. 26, 5.68; May 12, 1964, 7.03.

442506N1082058.1. Local number 51-96-1lcbc. Owner unknown. Driven unused water-table well in alluvium, diam  $1\frac{1}{2}$  in, depth 12 ft, cased with steel. Lsd about 4,270 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 3.40 below lsd, Aug. 11, 1957; lowest 10.19 below lsd, Apr. 3, 1963. Records available: 1956-65.

May 23, 1961	7.28	Sept. 18, 1962	8.22	May 11, 1964	9.89	Apr. 21, 1965	10.10
Sept. 20	7.33	Apr. 3, 1963	10.19	Sept. 23	7.20	Oct. 3	8.68
Apr. 25, 1962	9.96	Sept. 26	3.69				

443008N1081951.1. Local number 52-95-6ccc. Eley Petersen. Drilled irrigation water-table well in alluvium, diam 12 in, depth 33 ft, cased with steel to 33, perforated 19-33. Lsd not available. MP top of casing, 1.00 ft above lsd. Highest water level 7.09 below lsd, Sept. 28, 1958; lowest 8.98 below lsd, Oct. 8, 1960. Records available: 1956-65.

Sept. 20, 1961	7.53	Apr. 3, 1963	7.46	May 11, 1964	7.82	Apr. 21, 1965	7.52
Apr. 25, 1962	8.65	Sept. 25	7.23	Sept. 23	7.27	Oct. 3	7.18
Sept. 18	7.28						

442931N1081607.1. Local number 52-95-10cbc. Axel Lilja. Drilled irrigation water-table well in alluvium, diam 12 in, reported depth 54 ft, perforated steel casing to 49. Lsd about 4,224 ft (previously reported about 4,222 ft) above msl. MP inside edge of threaded hole on northeast side of casing, 0.30 ft above lsd (since Sept. 20, 1961). Highest water level 5.53 below lsd, Aug. 11, 1957; lowest 10.27 below lsd, Apr. 25, 1962. Records available: 1956-65.

Sept. 20, 1961	6.82	Apr. 3, 1963	9.77	May 11, 1964	9.48	Apr. 21, 1965	9.82
Apr. 25, 1962	10.27	Sept. 26	6.05	Sept. 23	6.66	Oct. 3	6.61
Sept. 18	5.75						

443025N1082248.1. Local number 52-96-3dba (previously reported 52-96-3dbc). Harry Grabbert. Dug irrigation water-table well in alluvium, diam 36 in, depth 28 ft, perforated steel casing to 28, connected to 300 ft long 12-in diam perforated culvert buried at 28 ft. Lsd not available. MP top of board cover, 0.90 ft above lsd (since Sept. 18, 1962). Highest water level 4.33 below lsd, Sept. 18, 1962; lowest 16.31 below lsd, May 22, 1961. Records available: 1956-65.



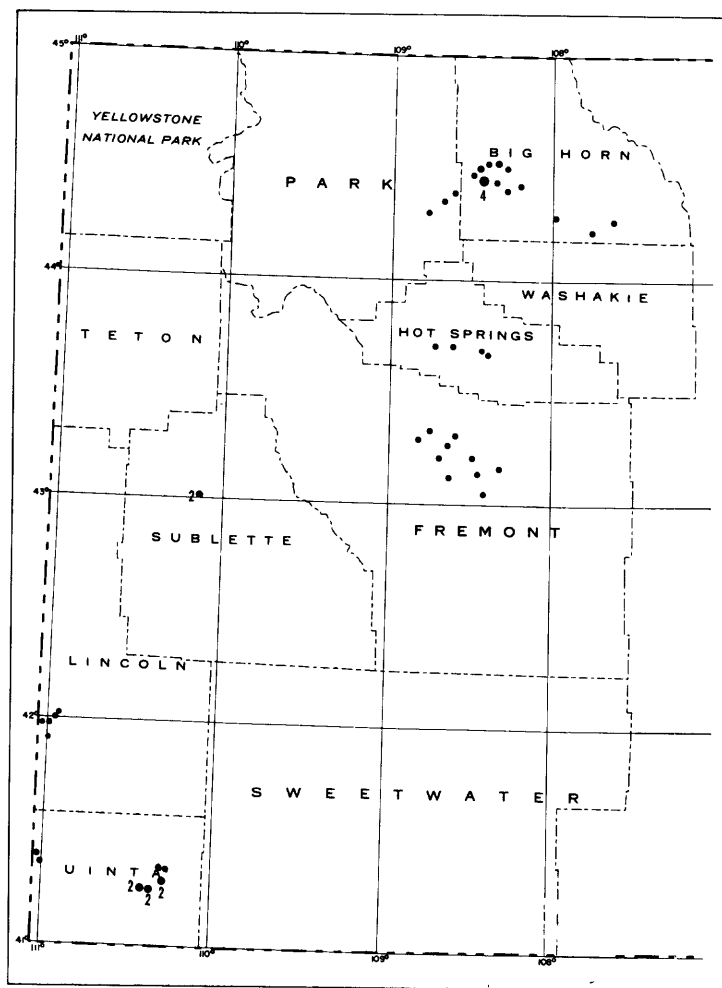
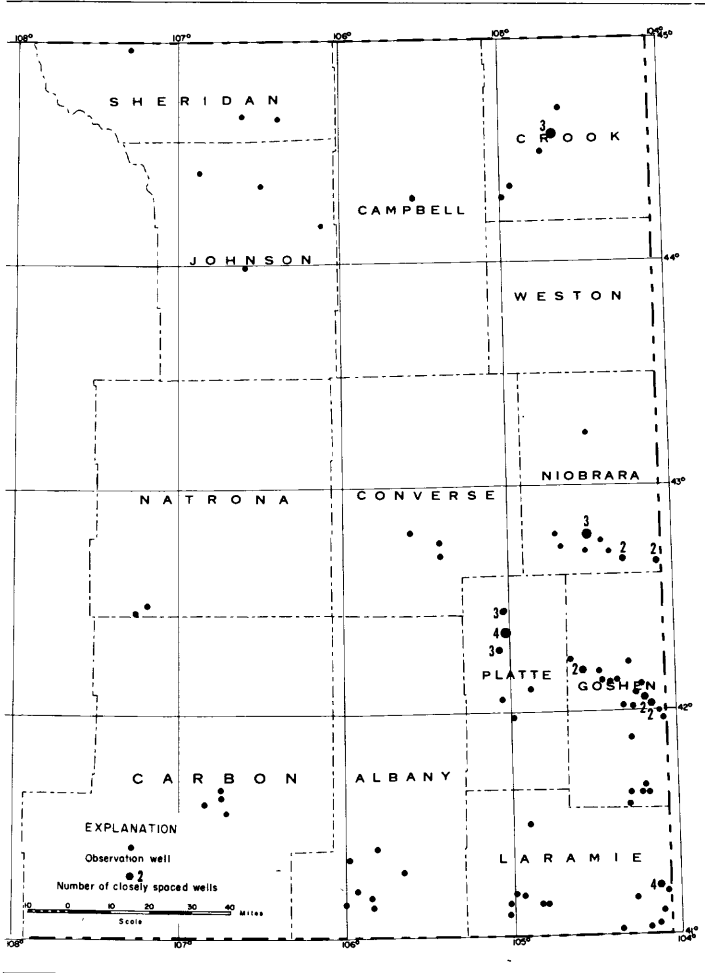


Figure 9.--Location of observation



wells in Wyoming, 1961-65.

443025N1082248.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 22, 1961	16.31	Apr. 3, 1963	15.28	May 11, 1964	14.02	Apr. 21, 1965	13.89
Sept. 20	7.09	Sept. 25	4.58	Sept. 23	6.94	Oct. 2	8.08
Sept. 18, 1962	4.33						

442929N1082521.1. Local number 52-96-8bcb. Christ Simon. Drilled irrigation water-table well in gravel of alluvium, diam 20 in, depth 50 ft, perforated steel casing. Lsd about 4,530 ft above msl. MP airline hole, 0.50 ft above lsd. Highest water level 4.09 below lsd, Sept. 20, 1961; lowest 16.80 below lsd, May 22, 1961. Records available: 1956-65.

May 22, 1961	16.80	Sept. 18, 1962	6.50	May 11, 1964	6.67	Apr. 21, 1965	7.54
Sept. 20	4.09	Apr. 3, 1963	7.78	Sept. 23	5.15	Oct. 2	6.48
Apr. 25, 1962	7.47	Sept. 25	6.35				

442900N1082332.1. Local number 52-96-16aad. William Edwards. Drilled irrigation water-table well in alluvium, diam 12 in, depth 44 ft, cased with steel to 42, perforated 22-42. Lsd about 4,475 ft above msl. MP top of pumpbase, 1.00 ft above lsd. Highest water level 19.14 below lsd, Sept. 28, 1956; lowest 32.03 below lsd, Apr. 25, 1962. Records available: 1956-64. Measurement discontinued. May 22, 1961, 36.30 (well pumped recently); Sept. 20, 24.12; Apr. 25, 1962, 32.03; Sept. 18, 22.30; Apr. 3, 1963, 26.65; Sept. 25, 19.79; May 11, 1964, 26.56.

442836N1082709.1. Local number 52-96-18bcb. Ivan Briggs. Dug stock water-table well in alluvium, diam 12 in, depth 14 ft, cased with tile. Lsd about 4,575 ft previously reported about 4,582 ft above msl. MP top of board platform, 1.30 ft above lsd. Highest water level 3.16 below lsd, May 22, 1960; lowest 9.95 below lsd, Apr. 4, 1957. Records available: 1956-64. Measurement discontinued. May 22, 1961, 6.85; Sept. 20, 4.19; Apr. 25, 1962, 7.98; Sept. 18, 4.84; Apr. 3, 1963, 7.43; Sept. 25, 4.79; May 11, 1964, 8.80.

442556N1082631.1. Local number 52-96-31dca. Wesley Johnson. Dug irrigation water-table well in alluvium, diam 24 in, depth 44 ft, perforated aluminum casing. Lsd about 4,430 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 5.90 below lsd, Aug. 1, 1956; lowest 17.64 below lsd, Apr. 25, 1962. Records available: 1956-65.

May 23, 1961	17.33	Sept. 18, 1962	6.97	May 11, 1964	15.97	Apr. 21, 1965	16.86
Sept. 20	9.93	Apr. 3, 1963	16.38	Sept. 23	7.76	Oct. 3	8.19
Apr. 25, 1962	17.64	Sept. 26	8.29				

442554N1082435.1. Local number 52-96-33ccb. Jim McNiven. Drilled irrigation water-table well in alluvium, diam 30 in, depth 30 ft, cased with steel to 30, perforated 0-30. Lsd about 4,377 ft (previously reported about 4,380 ft) above msl. MP hole in side of casing, 2.00 ft above lsd. Highest water level 3.68 below lsd, Aug. 1, 1956; lowest 7.73 below lsd, May 23, 1961. Records available: 1956-65.

May 23, 1961	7.73	Sept. 18, 1962	5.16	May 11, 1964	6.81	Apr. 21, 1965	7.46
Sept. 20	4.90	Apr. 3, 1963	7.45	Sept. 23	7.12	Oct. 3	4.80
Apr. 25, 1962	7.54	Sept. 26	5.24				

442651N1082905.1. Local number 52-97-26dba (previously reported 52-97-26dbb). Eugene Lewis. Dug domestic water-table well in alluvium, diam 36 in, depth 16 ft, cased with tile. Lsd about 4,525 ft above msl. MP top of casing, 1.00 ft below lsd. Highest water level 2.35 below lsd, Sept. 26, 1963; lowest 8.85 below lsd, May 22, 1961. Records available: 1956-65.

May 22, 1961	8.85	Sept. 18, 1962	6.58	May 11, 1964	5.57	Apr. 28, 1965	5.97
Sept. 20	4.29	Apr. 3, 1963	5.19	Sept. 23	5.61	Oct. 3	3.78
Apr. 25, 1962	8.84	Sept. 26	2.35				

Campbell County

441700N1053150.1. Local number 50-72-20add. State of Wyoming. Drilled observation artesian well in sandstone of Watsatch Formation, diam 3 in, depth 320 ft, cased to 180. Lsd 4,567.14 ft above msl. MP top of casing, 2.90 ft above lsd. Highest water level 71.30 below lsd, June 14, 1961; lowest 84.20 below lsd, Mar. 19, 1962. Records available: 1949-65.

Jan. 18, 1961	77.90	Mar. 19, 1962	84.20	Oct. 9, 1963	77.48	Jan. 20, 1965	75.40
Feb. 15	77.48	May 27	77.70	Nov. 7	77.12	Feb. 20	74.90
Mar. 13	77.60	July 30	77.83	Jan. 6, 1964	76.54	Mar. 20	74.60
Apr. 4	77.66	Sept. 12	77.53	Mar. 17	76.56	Apr. 20	74.20
May 4	78.28	Oct. 2	78.04	May 5	77.22	May 20	73.80
June 14	71.30	Nov. 28	77.20	8	77.30	June 8	73.62
July 12	78.42	Jan. 24, 1963	77.00	July 9	76.23	July 20	81.51
Aug. 9	78.52	Feb. 20	76.85	Sept. 17	78.00	Aug. 2	79.29
Nov. 8	78.40	Mar. 21	76.70	Oct. 7	76.65	Sept. 28	75.61
Dec. 13	78.10	May 21	76.70	Nov. 17	76.33	Nov. 2	75.30
Jan. 30, 1962	78.15	July 4	76.70	Dec. 5	75.51	Dec. 1	75.40
Feb. 7	78.10	Aug. 30	77.40				

Carbon County

413840N1064339.1. Local number 19-83-4dda. Fred Schribner. Formerly A. L. Welton. Drilled domestic water-table well in sand and gravel of alluvium, diam 8 in, depth 17 ft, cased to 17. Lsd about 6,821 ft above msl. MP top of casing seal plate, 5.40 ft below lsd. Highest water level 3.34 below lsd, May 8, 1957; lowest 9.51 below lsd, Oct. 1, 1960. Records available: 1950-65.

May 9, 1961	7.27	Sept. 21, 1962	7.55	May 5, 1964	5.50	Apr. 28, 1965	6.40
Sept. 22	8.02	Mar. 28, 1963	6.36	Oct. 7	7.90	Oct. 4	6.84
Apr. 26, 1962	5.46	Sept. 12	8.25				

413509N1064155.1. Local number 19-83-26dcb (previously reported 19-83-26cad). Safari Land Co. Formerly R. Welton. Dug stock water-table well in sand and gravel of alluvium, diam 6 ft, depth 10 ft, cribbed with wood to 10. Lsd about 7,015 ft above msl. MP top of board cover, crack in south side, 0.40 ft above lsd. Highest water level 0.15 below lsd, Apr. 18, 1960; lowest 4.91 below lsd, Oct. 1, 1955. Records available: 1950-65. Measurement discontinued.

May 9, 1961	-0.25	Sept. 21, 1962	-3.28	May 5, 1964	-0.39	Apr. 28, 1965	-0.9'
Sept. 22	-2.63	Mar. 28, 1963	.26	Oct. 7	3.69	Oct. 4	1.05
Apr. 26, 1962	+0.10	Sept. 12	3.99				

j Flooded.

413701N1064947.1. Local number 19-84-15dbd. Rocky Mountain Sheep Co. Drilled unused water-table well in sand of North Park Formation, diam 4 in, reported depth 600 ft, cased with steel. Lsd 6,875 ft above msl. MP top of casing, 0.90 ft above lsd. Highest water level 114.98 below lsd, Mar. 25, 1953; lowest 121.13 below lsd, Sept. 22, 1961. Records available: 1950-54, 1958-65.

Water	Water level	Water	Water level	Water	Water level	Water	Water level
May 9, 1961	118.22	Mar. 28, 1963	117.84	May 5, 1964	118.05	Apr. 28, 1965	121.05
Sept. 22, 1961	121.13	Sept. 12	118.43	Oct. 7	118.43	Oct. 4	118.68
Apr. 26, 1962	117.88						

414104N1064428.1. Local number 20-83-28bab. State of Wyoming. Drilled unused water-table well in sand of North Park Formation, diam 3 in, depth 33 ft, cased with steel. Lsd about 6,762 ft above msl. MP top of casing, 2.70 ft above lsd. Highest water level 16.16 below lsd, Sept. 3, 1953; lowest 22.00 below lsd, Sept. 22, 1961. Records available: 1950-65.

May 9, 1961	21.27	Sept. 21, 1962	21.04	May 5, 1964	20.25	Apr. 28, 1965	20.12
Sept. 22, 1961	22.00	Mar. 28, 1963	20.78	Oct. 7	20.27	Oct. 4	19.81
Apr. 26, 1962	21.16	Sept. 12	20.43				

#### Converse County

424511N1052436.1. Local number 32-71-7ddcl (previously reported 32-71-7dod). Town of Douglas. Drilled unused water-table well in sand and gravel of alluvium, diam 12 in, depth 51 ft, cased with steel, screened. Lsd about 4,830 ft above msl. MP top of 1/4-in nipple in pumpbase, 1.20 ft above lsd. Highest water level 5.19 below lsd, Oct. 1, 1965; lowest 33.05 below lsd, May 4, 1957. Records available: 1950-52, 1954-65.

May 16, 1961	30.87	Sept. 16, 1962	14.36	May 13, 1964	19.64	Apr. 19, 1965	11.36
Sept. 18	26.77	Apr. 5, 1963	11.66	Oct. 1	8.71	Oct. 1	5.19
Apr. 23, 1962	31.07	Sept. 25	11.22				

424229N1052429.1. Local number 32-71-31aaa. Mrs. Sallie Edwards. Drilled domestic water-table well in siltstone of White River Group, diam 6 in, depth 84 ft, cased to 84. Lsd about 4,837 ft above msl. MP hole in pump housing, 1.70 ft above lsd. Highest water level 12.39 below lsd, Oct. 1, 1965; lowest 20.32 below lsd, July 10, 1950. Records available: 1950-56, 1958-65.

May 16, 1961	12.88	Sept. 17, 1962	12.77	May 13, 1964	12.53	Apr. 19, 1965	12.40
Sept. 18	12.99	Apr. 5, 1963	12.41	Oct. 1	12.65	Oct. 1	12.39
Apr. 23, 1962	12.91	Sept. 25	12.84				

424823N1053612.1. Local number 33-73-27abc. U.S. Geol. Survey. Drilled observation water-table well in silt of slope wash, diam 1/2 in, depth 14 ft, cased with steel to 14, 4-in screen at bottom, sand-packed. Lsd about 5,065 ft above msl. MP top of casing, 3.80 ft above lsd. Highest water level 2.73 below lsd, Apr. 4, 1952; lowest dry, May 4, 1957, Sept. 26, 1958. Records available: 1950-65.

May 16, 1961	9.50	Sept. 17, 1962	8.54	May 13, 1964	6.54	Apr. 19, 1965	5.14
Sept. 18	10.00	Apr. 5, 1963	7.44	Oct. 1	6.64	Oct. 1	4.92
Apr. 23, 1962	9.9	Sept. 25	7.59				

#### Crook County

442004N1045505.1. Local number 50-67-9bbd. U.S. Geol. Survey. Bored observation water-table well in alluvium of Belle Fourche River, diam 1/2 in, depth 20 ft, screened 19-20. Lsd about 4,090 ft (previously reported about 4,105 ft) above msl. MP top of casing, 1.75 ft above lsd. Highest water level 3.43 below lsd, Oct. 9, 1965; lowest 9.53 below lsd, Nov. 21, 1958. Records available: 1958-65.

May 25, 1961	7.97	May 29, 1962	(j)	Sept. 27, 1963	7.00	Apr. 27, 1965	3.62
Oct. 3	8.63	Sept. 26	6.09	May 8, 1964	6.42	Oct. 9	3.43
Mar. 15, 1962	7.20	Apr. 23, 1963	7.24	Oct. 13	5.15		

j Flooded.

441641N1045829.1. Local number 50-68-36bab. U.S. Geol. Survey. Bored observation water-table well in alluvium of Belle Fourche River, diam 1/2 in, depth 20 ft, screened 19-20. Lsd about 4,150 ft above msl. MP top of casing, 0.55 ft above lsd. Highest water level 2.43 below lsd, Apr. 27, 1965; lowest 9.69 below lsd, Oct. 3, 1961. Records available: 1958-65.

May 25, 1961	8.43	May 29, 1962	3.78	Sept. 27, 1963	3.66	Oct. 13, 1964	2.78
Oct. 3	9.69	Sept. 26	2.49	May 7, 1964	4.11	Apr. 27, 1965	2.43
Mar. 15, 1962	4.24	Apr. 23, 1963	2.59				

442338N1044348.1. Local number 52-66-13acc. Fritz Schleuning. Drilled domestic water-table well in sand and gravel of alluvium and shale of Sundance Formation, diam 6 in, depth 60 ft, amount of casing unknown. Lsd about 3,980 ft (previously reported about 3,945 ft) above msl. MP hole in pumpbase, 0.70 ft above lsd. Highest water level 15.54 below lsd, May 29, 1962; lowest 17.85 below lsd, Oct. 3, 1961. Records available: 1959-65.

May 25, 1961	17.42	Sept. 26, 1962	16.52	May 3, 1964	16.65	Apr. 27, 1965	16.71
Oct. 3	17.85	Sept. 27, 1963	16.88	Oct. 13	16.63	Oct. 9	16.86
May 29, 1962	15.54						

443503N1044251.1. Local number 53-65-18bac1. National Park Service. Drilled unused artesian well in Minnekahta Limestone, diam 5 in, depth 468 ft, cased to 448, open hole below. Lsd 3,865 ft above msl. MP top of casing, 1.10 ft above lsd. Highest water level 14.75 below lsd, July 12, 1955; lowest 26.10 below lsd, Apr. 23, 1963. Records available: 1955, 1960, 1962-65.

July 12, 1955	14.75	Sept. 26, 1962	24.94	May 8, 1964	26.04	Apr. 27, 1965	25.01
Apr. 12, 1960	18.85	Apr. 23, 1963	26.10	Oct. 13	24.94	Oct. 9	22.40
May 29, 1962	25.14	Sept. 27	25.08				

443501N1044252.1. Local number 53-65-18bac2. National Park Service. Drilled emergency-supply artesian well in Minnekahta Formation, diam 4 in, depth 608 ft, cased with steel to 604, finish unknown. Lsd 3,865 ft above msl. MP top of casing at top of cement block (in pit), 8.50 ft below lsd. Highest water level 20.77 below lsd, Oct. 9, 1965; lowest 25.55 below lsd, Apr. 23, 1963. Records available: 1963-65, Apr. 23, 1963, 25.55; Sept. 27, 24.19; May 8, 1964, 23.22; Oct. 13, 23.93; Apr. 27, 1965, 23.58; Oct. 9, 20.77.

443459N1043256.1. Local number 53-65-12bhd2. National Park Service. Drilled public-supply artesian well in Pahasapa Limestone, diam 2½ in, depth 1,341 ft, perforated casing 1,315-1,341. Lsd 3,865 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 15.58 below lsd, Oct. 9, 1963; lowest 22.24 below lsd, May 8, 1964. Records available: 1962-65. For additional information, see Whitcomb and Gordon (1964). Sept. 26, 1962, 21.39; Apr. 23, 1963, 21.84; May 8, 1964, 22.24; Oct. 13, 1968; Apr. 27, 1965, 19.32; Oct. 9, 15.58.

444059N1043555.1. Local number 54-65-12add. Charles Martin. Dug observation water-table well in alluvium, diam 5 ft, depth 20 ft, cased with concrete. Lsd about 3,780 ft (previously reported about 3,775 ft) above msl. MP top of ¾-in pipe, 0.30 ft above lsd. Highest water level 12.58 below lsd, June 22, 1962; lowest 16.13 below lsd, Mar. 25, 1946. Records available: 1942-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1961	14.98	Feb. 14, 1962	14.48	Apr. 23, 1963	13.49	Oct. 2, 1964	14.36
23	14.93	Mar. 15	14.20	25	13.47	Nov. 3	14.46
Feb. 21	14.87	22	14.17	May 20	13.52	Dec. 10	14.28
Mar. 20	14.89	Apr. 20	14.21	June 21	13.24	Jan. 11, 1965	14.28
Apr. 27	15.31	May 24	13.63	July 24	14.06	Feb. 5	14.14
May 25	15.21	29	12.87	Aug. 22	14.33	Mar. 12	13.83
26	15.32	June 22	12.58	Sept. 27	14.20	Apr. 14	13.50
June 30	15.36	July 23	12.99	Nov. 8	14.54	27	13.90
July 21	15.48	Aug. 20	13.83	Dec. 19	14.43	May 20	13.25
Aug. 24	15.78	Sept. 21	14.31	Jan. 30, 1964	14.34	June 4	13.13
Sept. 21	15.69	26	15.07	Feb. 25	14.54	July 16	13.83
Oct. 3	15.57	Oct. 24	14.07	Mar. 30	14.19	Aug. 6	14.21
23	15.62	Nov. 26	14.08	Apr. 28	14.21	Oct. 9	14.24
Dec. 6	15.51	Jan. 4, 1963	13.79	May 8	13.94	25	14.27
22	15.47	Feb. 21	13.28	June 3	14.14	Nov. 19	14.27
Jan. 20, 1962	14.80	Mar. 25	13.24				

#### Fremont County

430228N1083105.1. Local number A1-3-27bbb (previously reported A-1-3-27bb). U.S. Geol. Survey. Jetted unused water-table well in alluvium, diam ½ in, depth 25 ft, screened 24-25. Lsd 5,078.1 ft (previously reported 5,080.7 ft) above msl. MP top of casing, 2.60 ft above lsd. Highest water level 2.30 below lsd, Sept. 19, 1961; lowest 6.49 below lsd, May 14, 1952. Records available: 1951-65.

May 18, 1961	3.98	Apr. 1, 1963	5.19	Sept. 26, 1964	2.55	June 21, 1965	4.66
Sept. 19	2.30	Sept. 24	2.99	Mar. 6, 1965	4.91	Oct. 7	3.68
Apr. 24, 1962	4.88	May 12, 1964	5.77	Apr. 24	5.12	Nov. 18	4.35
Sept. 19	2.67						

430329N1082249.1. Local number A1-4-15dda (previously reported A-1-4-15dd3). U.S. Geol. Survey. Jetted unused water-table well in terrace deposits, diam ¾ in, depth 26 ft, screened 25-26. Lsd 4,957.9 ft above msl. MP top of casing, 3.70 ft above lsd. Highest water level 3.46 below lsd, Aug. 23, 1965; lowest 6.00 below lsd, Jan. 28, 1952. Records available: 1951-65.

May 18, 1961	4.36	Apr. 2, 1963	5.44	Mar. 6, 1965	5.84	Aug. 23, 1965	3.46
Sept. 19	3.58	Sept. 24	4.20	Apr. 24	5.61	Oct. 8	4.01
Apr. 24, 1962	5.35	May 12, 1964	5.16	June 6	4.08	Nov. 18	4.70
Sept. 19	3.83	Sept. 26	3.75				

430809N1083634.1. Local number A2-2-23bdd (previously reported A-2-2-23bd). Lena Bechert. Drilled unused water-table well in Wind River Formation, diam 6 in, depth 47 ft, cased with steel. Lsd 5,383.6 ft (previously reported 5,384.6 ft) above msl. MP top of casing, 1.00 ft above lsd. Highest water level 18.72 below lsd, Oct. 1, 1951; lowest 25.46 below lsd, Apr. 30, 1952. Records available: 1951-65.

May 18, 1961	24.91	Apr. 2, 1963	22.94	Mar. 6, 1965	21.85	Aug. 23, 1965	20.29
Sept. 19	21.39	Sept. 24	20.18	Apr. 24	22.95	Oct. 1	19.81
Apr. 23, 1962	24.34	May 12, 1964	23.17	June 21	22.05	Nov. 18	19.96
Sept. 19	20.81	Sept. 26	19.95	July 28	21.15		

431111N1081806.1. Local number A2-5-5aaa (previously reported A-2-5-5aa3). U. S. Bureau of Reclamation. Drilled unused water-table well in alluvium (?), diam 3 in, depth 29 ft, perforated 0-29. Lsd 4,916.0 ft above msl. MP top of casing, 1.40 ft above lsd. Highest water level 1.00 below lsd, Sept. 15, 1959; lowest 8.88 below lsd, Aug. 29, 1952. Records available: 1951-65.

May 18, 1961	4.93	Apr. 2, 1963	4.97	Mar. 6, 1965	5.02	Aug. 23, 1965	2.25
Sept. 19	1.98	Sept. 24	2.42	Apr. 24	5.21	Oct. 7	2.30
Apr. 23, 1962	5.32	May 12, 1964	5.30	June 20	3.98	Nov. 18	3.09
Sept. 19	1.85	Sept. 26	1.71				

431253N1084014.1. Local number A3-2-20cdc (previously reported A-3-2-20cd). Joe Eiseman. Drilled unused artesian (previously reported water-table) well in sandstone of Wind River Formation, diam 8 in, depth 48 ft, cased with steel. Lsd 5,378 ft (previously reported 5,348.8 ft) above msl. MP top of casing, 1.60 ft above lsd. Highest water level 16.28 below lsd, Sept. 26, 1964; lowest 26.31 below lsd, Apr. 30, 1960. Records available: 1948-65.

May 18, 1961	24.59	Apr. 2, 1963	25.83	Mar. 6, 1965	25.44	Aug. 24, 1965	16.44
Sept. 19	18.10	Sept. 24	17.55	Apr. 24	26.13	Oct. 7	19.50
Apr. 23, 1962	26.30	May 12, 1964	26.13	June 21	19.52	Nov. 18	21.60
Sept. 19	17.40	Sept. 26	16.28				

431327N1083111.1. Local number A3-3-21ada2 (previously reported A-3-3-21ad2). H. W. Roland. Drilled unused artesian well in sandstone of Wind River Formation, diam 6 in, depth 425 ft, cased to 403. Lsd 5,273 ft (previously reported 5,272.8 ft) above msl. MP top of casing, at lsd. Highest water level 146.29 below lsd, Dec. 1, 1950; lowest 155.83 below lsd, Aug. 24, 1965. Records available: 1948-65.

May 18, 1961	150.75	Apr. 2, 1963	151.77	Mar. 6, 1965	155.15	Aug. 24, 1965	155.83
Sept. 19	150.99	Sept. 24	154.35	Apr. 24	155.07	Oct. 7	155.20
Apr. 23, 1962	154.94	May 12, 1964	153.65	June 21	155.04	Nov. 18	155.00
Sept. 19	152.33	Sept. 26	155.62				

431253N1082844.1. Local number A3-3-25bbb (previously reported A-3-3-25bb). U. S. Bureau of Reclamation. Drilled unused water-table well in alluvium, diam 3 in, depth 28 ft, perforated 0-28. Led 5,150 ft (previously reported 5,150.8 ft) above msl. MP top of casing, 1.50 ft above lsd. Highest water level 2.58 below lsd, Sept. 26, 1964; lowest 15.34 below lsd, May 12, 1964. Records available: 1951-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 18, 1961	10.94	Apr. 2, 1963	14.80	Mar. 6, 1965	14.71	Aug. 24, 1965	5.70
Sept. 19	3.43	Sept. 24	9.24	Apr. 24	15.13	Oct. 7	6.28
Apr. 23, 1962	15.04	May 12, 1964	15.34	June 21	12.41	Nov. 18	12.19
Sept. 19	4.72	Sept. 26	2.58				

431621N1083704.1. Local number A4-2-35ccc (previously reported A-4-2-35cc). U. S. Bureau of Reclamation. Drilled unused water-table well in alluvium, diam 3 in, depth 20 ft, perforated 0-20. Led 5,392 ft (previously reported 5,393.7 ft) above msl. MP top of casing, 1.50 ft above lsd. Highest water level 5.95 below lsd, Oct. 1, 1951; lowest 13.20 below lsd, Apr. 28, 1951. Records available: 1951-65.

May 18, 1961	8.30	Apr. 2, 1963	8.49	Mar. 6, 1965	9.89	Aug. 24, 1965	7.62
Sept. 19	7.77	Sept. 24	7.32	Apr. 24	9.38	Oct. 7	6.76
Apr. 23, 1962	8.28	May 12, 1964	7.95	June 21	7.56	Nov. 18	6.97
Sept. 19	7.41	Sept. 26	8.61				

431923N1083440.1. Local number A4-3-18cbb (previously reported A-4-3-18cb). U. S. Bureau of Reclamation. Drilled unused water-table well in alluvium, diam 3 in, depth 27 ft, perforated 0-27. Led 5,350 ft (previously reported 5,340.0 ft) above msl. MP top of casing, 1.10 ft above lsd. Highest water level 2.30 below lsd, Sept. 19, 1962; lowest 23.53 below lsd, Mar. 6, 1965. Records available: 1951-65.

May 18, 1961	6.66	Apr. 2, 1963	15.30	Mar. 6, 1965	23.53	Aug. 24, 1965	4.48
Sept. 19	6.41	Sept. 24	5.61	Apr. 24	22.99	Oct. 7	6.21
Apr. 23, 1962	6.70	May 12, 1964	6.71	June 21	5.16	Nov. 18	6.39
Sept. 19	2.30	Sept. 26	21.13				

431340N1085142.1. Local number B3-1-22abb (previously reported B-3-1-15dc). T. P. Haslin. Dug unused water-table well in alluvium, diam 36 in, depth 17 ft, cased to 17. Led 5,490 ft (previously reported 5,490.29 ft) above msl. MP hole in well cover (stock tank upside down over well), 1.30 ft above lsd (since Sept. 24, 1963). Highest water level 5.76 below lsd, July 31, 1951; lowest 15.48 below lsd, Feb. 25, 1952. Records available: 1949-65.

May 18, 1961	14.70	Apr. 2, 1963	14.77	Sept. 25, 1964	11.35	June 21, 1965	14.38
Sept. 19	13.54	Sept. 24	11.26	Mar. 6, 1965	14.20	Aug. 24	12.23
Apr. 23, 1962	14.78	May 12, 1964	15.20	Apr. 24	15.16	Sept. 30	12.95
Sept. 19	13.67						

#### Goshen County

431861N1040949.1. Local number 19-61-2ccd. City of Lagrange. Drilled unused water-table well in sand and gravel of alluvium, diam 4 in, depth 30 ft, galvanized casing. Led 4,577.2 ft above msl. MP top of casing, 0.90 ft above lsd. Highest water level 12.61 below lsd, Nov. 5, 1957; lowest dry, Sept. 21, 1961. Records available: 1943, 1949-65.

May 18, 1961	15.76	Sept. 23, 1962	15.69	Apr. 9, 1964	16.78	Apr. 5, 1965	19.82
Sept. 21	(f)	Apr. 1, 1963	16.46	Oct. 5	21.20	Oct. 8	16.45
Apr. 17, 1962	17.39	Oct. 2	18.70				

r Dry.

431813N1041155.1. Local number 19-61-4cdd. Hugh Stemler. Drilled irrigation water-table well in alluvium, diam 4 ft, depth 33 ft, cased to 33. Led 4,557 ft (previously reported 4,557.3 ft) above msl. MP top north side of casing, 0.20 ft above lsd (since May 1961). Highest water level 4.07 below lsd, June 4, 1949; lowest 12.18 below lsd, Apr. 5, 1965. Records available: 1943, 1949-65.

May 18, 1961	7.40	Apr. 1, 1963	7.46	Apr. 9, 1964	9.16	Apr. 5, 1965	12.18
Sept. 21	c29.94	Oct. 2	10.65	Oct. 5	11.85	Oct. 8	10.10
Apr. 17, 1962	8.55						

c Nearby well being pumped.

431506N1041630.1. Local number 19-62-26dba. F. E. Jones. Drilled stock water-table well in siltstone of Brule Formation, diam 5 in, depth 42 ft, galvanized casing. Led about 4,819 ft above msl. MP top west side of casing, 0.20 ft above lsd. Highest water level 22.54 below lsd, Apr. 1, 1949; lowest 29.34 below lsd, Oct. 8, 1965. Records available: 1948-65.

May 18, 1961	28.05	Apr. 1, 1963	26.21	Apr. 9, 1964	28.24	Apr. 5, 1965	29.20
Apr. 17, 1962	29.33	Oct. 2	28.66	Oct. 5	28.84	Oct. 8	29.34

414005N1041017.1. Local number 20-61-27ddc. Curtis Templin. Drilled unused water-table well in gravel of alluvium, diam 6 in, depth 86 ft, galvanized casing. Led 4,529 ft (previously reported 4,527.9 ft) above msl. MP edge of joint in wooden clamp, 0.90 ft above lsd. Highest water level 28.57 below lsd, July 27, 1943; lowest 33.34 below lsd, Oct. 5, 1964. Records available: 1943, 1949-65.

May 18, 1961	31.85	Apr. 1, 1963	30.33	Apr. 9, 1964	32.21	Apr. 5, 1965	33.30
Sept. 21	30.80	Oct. 2	31.54	Oct. 5	33.34	Oct. 8	32.97
Apr. 17, 1962	32.12						

415303N1041550.1. Local number 22-62-13bbb. Samuel Garrett. Drilled unused artesian well in sandstone of Lance Formation, diam 5 in, depth 148 ft, galvanized casing. Led about 4,278 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 31.03 below lsd, Aug. 30, 1949; lowest 45.45 below lsd, Sept. 29, 1955. Records available: 1948-65.

May 18, 1961	43.03	Sept. 23, 1962	43.12	Apr. 9, 1964	42.91	Apr. 5, 1965	43.38
Sept. 21	43.38	Apr. 1, 1963	42.76	Oct. 5	43.55	Oct. 8	43.30
Apr. 17, 1962	43.10	Oct. 2	43.20				

415902N1040316.1. Local number 23-60-10aad. French Ditch Irrigation Co. Drilled irrigation water-table well in sand and gravel of alluvium, diam 24 in, depth 50 ft, cased with steel. Led 4,030.5 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 5.94 below lsd, Sept. 27, 1950; lowest 8.56 below lsd, Dec. 4, 1964. Records available: 1950-65.

415902N1040316.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 18, 1961	8.02	Mar. 12, 1963	8.19	Feb. 6, 1964	8.44	Feb. 5, 1965	8.41
Apr. 17, 1962	8.22	Apr. 3	8.09	Mar. 3	8.39	Mar. 4	8.43
May 24	7.55	May 8	7.19	Apr. 8	8.26	Apr. 7	8.38
Aug. 1	6.93	June 4	7.89	May 6	8.19	May 4	8.30
Sept. 25	7.63	Sept. 26	7.80	June 5	7.44	June 3	6.13
Nov. 7	7.96	Nov. 4	8.02	Nov. 5	8.12	July 9	7.40
Dec. 5	8.06	Dec. 5	8.17	Dec. 4	8.56	Aug. 4	7.34
Jan. 9, 1963	8.15	Jan. 10, 1964	8.35	Jan. 6, 1965	8.35	Nov. 6	7.91
Feb. 6	8.04						

420240N1040700.1. Local number 24-60-19bad2. Frank Graham. Drilled irrigation water-table well in alluvium, diam 18 in, depth 70 ft, cased with steel to 70. Lsd not available. MP top of casing, at lsd. Highest water level 11.60 below lsd, Sept. 21, 1961; lowest 14.86 below lsd, Apr. 3, 1963. Records available: 1960-63. Measurement discontinued. May 18, 1961, 13.69; Sept. 21, 11.60; Apr. 17, 1962, 14.30; Apr. 3, 1963, 14.86.

420035N1040313.1. Local number 24-60-34add. Hardesty Ranches. Drilled unused water-table well in Brule Formation, diam 5 in, depth 108 ft, cased with steel. Lsd about 4,132 ft above msl. MP top of casing, 0.20 ft above lsd (since May 8, 1963). Highest water level 31.70 below lsd, Sept. 25, 1962; lowest 41.56 below lsd, May 15, 1960. Records available: 1959-65.

May 18, 1961	41.44	Mar. 12, 1963	38.97	Feb. 6, 1964	38.78	Jan. 6, 1965	38.38
Sept. 21	35.67	Apr. 3	39.55	Mar. 3	39.00	Feb. 5	39.00
Apr. 17, 1962	41.02	May 8	40.29	Apr. 8	40.08	Mar. 4	39.76
May 22	39.85	June 4	39.92	May 6	40.56	Apr. 7	40.19
Aug. 1	37.85	July 3	40.27	June 5	38.13	May 4	40.64
30	35.66	Aug. 2	38.22	July 7	36.90	June 3	39.67
Sept. 25	31.70	Sept. 6	35.02	Aug. 4	36.35	July 9	39.04
Nov. 7	35.44	26	34.75	Sept. 3	35.96	Aug. 4	37.70
Dec. 5	36.30	Nov. 4	36.01	Oct. 6	35.93	Sept. 2	34.89
Jan. 8, 1963	37.17	Dec. 5	36.98	Nov. 5	36.91	Nov. 6	34.76
Feb. 6	38.28	Jan. 10, 1964	37.96	Dec. 4	37.82		

420449N1041334.1. Local number 24-61-5cbb. U.S. Geol. Survey. Driven observation water-table well in sand and gravel of alluvium, diam 1 in, depth 27 ft, cased to 27. Lsd not available. MP top of casing, 4.50 ft above lsd. Highest water level 19.34 below lsd, Sept. 26, 1952; lowest dry, May 18, 1961. Records available: 1951-62. Measurement discontinued; well to be destroyed. Replaced by well 3 ft west which was given same number. May 18, 1961, dry; Sept. 21, 19.89; Apr. 17, 1962, 24.49.

420449N1041334.1. Local number 24-61-5cbb (previously reported 24-61-5cbb). U.S. Geol. Survey. Bored observation water-table well in alluvium, diam 1 in, depth 27 ft, cased with steel to 27, sand-point. Lsd 4,121 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 19.44 below lsd, Sept. 3, 1964; lowest 25.24 below lsd, May 4, 1965. Records available: 1962-65. Replaces previously listed well with same number.

June 27, 1962	23.43	May 8, 1963	24.51	Mar. 3, 1964	24.30	Jan. 6, 1965	23.38
Aug. 1	22.44	June 5	22.27	Apr. 9	24.55	Feb. 5	23.94
30	20.42	July 3	22.67	May 6	24.87	Mar. 4	24.28
Sept. 25	20.27	Aug. 2	20.47	June 5	22.47	Apr. 7	24.56
Nov. 8	22.62	Sept. 6	19.92	July 7	21.11	May 4	25.24
Dec. 5	23.35	26	20.02	Aug. 4	20.99	June 3	22.78
Jan. 9, 1963	23.92	Nov. 4	22.31	Sept. 3	19.44	July 9	21.61
Feb. 4	24.10	Dec. 5	23.17	Oct. 6	19.47	Aug. 4	21.93
Mar. 12	24.40	Jan. 10, 1964	23.78	Nov. 5	21.39	Sept. 2	20.75
Apr. 3	24.46	Feb. 6	24.09	Dec. 4	22.74	Nov. 6	22.70

420340N1041101.1. Local number 24-61-10cdc (previously reported 24-61-10cdc). St. Joseph's Orphanage. Dug irrigation water-table well in sand and gravel of alluvium, diam 7 ft, depth 36 ft, cribbed with concrete. Lsd 4,098.1 ft above msl. MP top of casing, 0.60 ft above lsd (since May 1961). Highest water level 18.45 below lsd, Sept. 25, 1952; lowest 22.24 below lsd, May 6, 1964. Records available: 1945-65.

May 18, 1961	22.07	Jan. 9, 1963	21.78	Jan. 10, 1964	21.76	Dec. 4, 1964	21.71
Sept. 21	20.27	Feb. 4	21.82	Feb. 6	22.03	Jan. 6, 1965	21.70
Apr. 17, 1962	22.04	Mar. 12	21.98	Mar. 3	22.16	Feb. 5	22.21
May 25	21.44	Apr. 4	22.00	Apr. 9	22.10	Mar. 4	22.09
Aug. 1	21.46	June 5	21.57	May 6	22.24	Apr. 5	22.11
30	20.27	Sept. 6	19.82	June 5	21.39	June 3	20.35
Sept. 25	20.58	26	19.98	Oct. 6	20.47	July 9	20.55
Nov. 8	21.23	Nov. 4	20.96	Nov. 5	21.19	Nov. 6	21.12
Dec. 5	21.49	Dec. 5	21.36				

420300N1041030.1. Local number 24-61-15cbb. Yellowstone Potato Co. Drilled industrial water-table well in sand and gravel of alluvium, diam 18 to 14 in, depth 38 ft, cased with steel to 38. Lsd 4,083.7 ft above msl. MP top of casing, at lsd. Highest water level 8.18 below lsd, Oct. 17, 1951; lowest 14.60 below lsd, Nov. 29, 1950. Records available: 1948-63. Measurement discontinued. May 18, 1961, 11.77; Sept. 21, 10.92; Apr. 17, 1962, 11.74; May 25, 10.92; Sept. 25, 10.16; Apr. 3, 1963, 11.60; Oct. 3, 10.62.

420135N1041721.1. Local number 24-62-27add. U.S. Geol. Survey. Drilled observation water-table well in siltstone and sandstone, diam 1½ in, depth 42 ft, cased to 42. Lsd 4,258.3 ft above msl. MP top of casing, 4.20 ft above lsd. Highest water level 11.90 below lsd, Sept. 22, 1950; lowest 29.84 below lsd, Apr. 17, 1962. Records available: 1949-50, 1956-65.

May 18, 1961	27.99	June 5, 1963	18.65	Apr. 9, 1964	28.44	Feb. 5, 1965	26.53
Sept. 21	13.11	July 3	19.15	May 6	27.84	Mar. 4	27.63
Apr. 17, 1962	29.84	Aug. 2	14.00	June 5	18.99	Apr. 8	28.72
Nov. 8	20.02	Sept. 6	13.29	July 7	15.57	May 4	28.49
Dec. 5	22.97	26	13.74	Aug. 4	13.53	June 3	19.90
Jan. 9, 1963	25.52	Nov. 4	19.24	Sept. 3	13.03	July 9	1.81
Feb. 4	26.81	Dec. 5	22.28	Oct. 6	15.00	Aug. 4	15.69
Mar. 12	28.01	Jan. 10, 1964	24.82	Nov. 5	19.34	Sept. 2	13.45
Apr. 3	28.28	Feb. 6	26.21	Dec. 4	22.53	Nov. 6	19.07
May 8	27.30	Mar. 3	27.29	Jan. 6, 1965	24.93		

420626N1041145.1. Local number 25-61-28dbc. M. W. Berry. Drilled irrigation water-table well in gravel of terrace deposits, diam 24 in, depth 108 ft, cased with steel, gravel-packed. Lsd 4,223.1 ft above msl. MP top of casing, 0.90 ft above lsd (since May 1961). Highest water level 37.48 below lsd, Oct. 16, 1951; lowest 59.60 below lsd, Sept. 3, 1964. Records available: 1943, 1948-52, 1954-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 18, 1961	51.48	Apr. 3, 1963	49.92	Mar. 3, 1964	48.00	Jan. 6, 1965	47.16
Sept. 21	53.42	May 8	51.04	Apr. 9	49.36	Feb. 5	48.75
Apr. 17, 1962	51.89	June 5	51.46	May 6	50.26	Mar. 4	49.17
Aug. 30	50.32	July 3	53.50	June 5	50.73	Apr. 7	50.14
Sept. 25	48.92	Aug. 2	54.60	Aug. 4	54.99	May 4	52.52
Nov. 8	53.97	Sept. 26	46.94	Sept. 3	59.60	June 3	52.48
Dec. 5	48.90	Nov. 4	48.26	Oct. 6	59.34	July 9	52.81
Jan. 9, 1963	49.22	Dec. 5	44.93	Nov. 5	46.19	Aug. 4	52.49
Feb. 4	47.88	Jan. 10, 1964	46.01	Dec. 4	46.17	Nov. 6	49.83
Mar. 12	49.16	Feb. 6	47.08				

420753N1042047.1. Local number 25-62-19aab (previously reported 25-62-18aac). Lester C. Stroud. Drilled irrigation water-table well in gravel of alluvium, diam 18 in, depth 83 ft, cased to 83. Lsd 4,172 ft (previously reported 4,172.4 ft) above msl. MP top of pumpbase, 0.60 ft above lsd. Highest water level 18.07 below lsd, Sept. 26, 1952; lowest 26.67 below lsd, Apr. 23, 1956. Records available: 1948-53, 1955-65.

May 18, 1961	26.34	Feb. 4, 1963	24.74	Jan. 10, 1964	24.13	Jan. 6, 1965	23.87
Sept. 21	21.49	Mar. 12	25.52	Feb. 6	24.89	Feb. 5	24.68
Apr. 17, 1962	26.34	Apr. 4	25.89	Mar. 3	25.43	Mar. 4	25.39
May 25	24.84	May 8	25.95	Apr. 9	26.07	Apr. 8	26.03
Aug. 1	22.56	June 5	24.25	May 6	26.35	May 4	26.38
May 30	21.50	Aug. 2	22.62	June 5	25.20	June 3	24.98
Sept. 25	20.35	Sept. 6	20.48	July 7	23.72	July 9	24.12
Nov. 8	21.52	26	20.45	Oct. 6	20.18	Aug. 4	21.67
Dec. 5	22.74	Nov. 4	21.52	Nov. 5	21.43	Sept. 2	20.37
Jan. 9, 1963	24.00	Dec. 5	22.85	Dec. 4	22.78	Nov. 6	22.30

420530N1041500.1. Local number 25-62-36cad. W. W. Weckwerth. Driven irrigation water-table well in sand and gravel of alluvium, diam 1½ in, depth 10 ft, galvanized casing. Lsd 4,116.3 ft above msl. MP top of casing, 1.40 ft above lsd. Highest water level 2.77 below lsd, Sept. 26, 1952; lowest 9.92 below lsd, Apr. 17, 1962. Records available: 1948-53, 1955-63. Measurement discontinued. Sept. 21, 1961, 6.43; Apr. 17, 1962, 9.92; May 25, 7.57; Sept. 25, 4.78; Apr. 3, 1963, 9.41; Oct. 3, 5.20.

420900N1042622.1. Local number 25-63-9ccb. Emery Bright. Drilled irrigation water-table well in alluvium, diam 24 in, depth 61 ft, galvanized casing, gravel-packed. Lsd 4,196.8 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 16.34 below lsd, Sept. 26, 1952; lowest 24.85 below lsd, Nov. 8, 1962. Records available: 1943, 1948-65.

May 18, 1961	23.10	Mar. 13, 1963	23.00	Feb. 6, 1964	22.74	Jan. 6, 1965	22.63
Sept. 21	21.20	Apr. 4	23.07	Mar. 3	22.82	Feb. 5	22.83
Apr. 17, 1962	23.24	May 8	23.02	Apr. 9	23.07	Mar. 4	23.47
May 25	21.23	June 5	22.37	May 6	23.15	Apr. 8	23.13
Aug. 1	19.99	Aug. 2	21.09	June 5	21.90	May 4	23.38
May 30	19.72	Sept. 6	20.27	July 7	22.64	June 3	21.89
Sept. 25	23.44	26	19.50	Sept. 3	20.65	July 9	21.53
Nov. 8	24.85	Nov. 4	21.27	Oct. 6	20.38	Aug. 4	21.28
Dec. 5	21.98	Dec. 5	21.95	Nov. 5	21.58	Sept. 2	19.91
Jan. 9, 1963	22.51	Jan. 10, 1964	22.42	Dec. 4	22.19	Nov. 6	21.38
Feb. 4	22.77						

420740N1042350.1. Local number 25-63-23bca. Greenwald Estate. Drilled irrigation water-table well in sand and gravel of alluvium of North Platte River, diam 18 in, depth 77 ft, cased with galvanized steel to 77, perforated 47-77. Lsd about 4,187 ft above msl. MP hole in pumpbase, 1.15 ft above lsd (since May 1961). Highest water level 18.24 below lsd, Oct. 10, 1957; lowest 22.47 below lsd, May 11, 1960. Records available: 1957-63. Measurement discontinued.

May 18, 1961	21.58	Aug. 1, 1962	18.89	Jan. 9, 1963	20.74	Apr. 4, 1963	21.41
Sept. 21	18.71	Nov. 8	20.97	Feb. 4	21.10	May 8	21.27
Apr. 17, 1962	21.39	Dec. 5	20.06	Mar. 13	21.36	Oct. 3	18.34

421357N1041650.1. Local number 26-62-14bba. Arthur Damrow. Drilled irrigation water-table well in gravel of alluvium, diam 18 in, reported depth 39 ft, galvanized iron casing, gravel-packed. Lsd 4,274.4 ft above msl. MP hole in wood cover, 0.20 ft above lsd. Highest water level 11.72 below lsd, Sept. 25, 1962; lowest 18.03 below lsd, Sept. 21, 1961. Records available: 1948-65.

May 18, 1961	12.97	Mar. 12, 1963	12.65	Feb. 6, 1964	12.90	Jan. 6, 1965	13.32
Sept. 21	18.03	Apr. 3	12.61	Mar. 3	12.80	Feb. 5	13.18
Apr. 17, 1962	12.90	May 8	12.55	Apr. 9	12.78	Mar. 4	13.18
May 25	13.10	June 5	12.72	May 6	12.77	Apr. 7	13.13
Aug. 1	12.78	July 3	12.72	June 5	12.91	May 4	13.09
May 30	12.74	Aug. 2	12.86	July 7	13.00	June 3	13.10
Sept. 25	11.72	Sept. 6	13.00	Aug. 4	12.17	July 9	13.21
Nov. 8	12.67	26	12.95	Sept. 3	13.22	Aug. 4	13.41
Dec. 5	12.69	Nov. 4	12.91	Oct. 6	13.28	Sept. 2	13.34
Jan. 9, 1963	12.66	Dec. 5	12.88	Nov. 5	13.39	Nov. 6	13.20
Feb. 4	12.63	Jan. 10, 1964	12.90	Dec. 4	13.34		

421044N1042632.1. Local number 26-63-32dac. Joseph Spikner. Drilled irrigation water-table well in gravel of alluvium, diam 18 in, depth 80 ft, cased to 80. Lsd 4,204.6 ft above msl. MP top of casing through hole in pumpbase, at lsd (since May 18, 1961). Highest water level 17.97 below lsd, Sept. 26, 1952; lowest 26.66 below lsd, Sept. 30, 1958. Records available: 1948-65.



421044N1042632.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 18, 1961	25.30	Mar. 13, 1963	25.23	Feb. 6, 1964	25.40	Dec. 4, 1964	23.79
Sept. 21	21.98	Apr. 4	25.34	Mar. 3	25.16	Jan. 6, 1965	24.52
Apr. 17, 1962	25.21	May 8	24.51	Apr. 9	25.47	Feb. 5	24.94
May 25	25.52	June 5	23.77	May 6	25.41	Mar. 4	25.31
Aug. 1	22.39	July 3	23.44	June 5	24.39	Apr. 8	25.52
30	21.55	Sept. 6	21.52	July 7	23.10	May 4	25.42
Sept. 25	21.47	26	21.27	Aug. 4	22.20	June 3	23.77
Nov. 8	22.70	Nov. 4	22.29	Sept. 3	21.53	July 9	22.64
Dec. 5	25.65	Dec. 5	23.40	Oct. 6	21.72	Sept. 2	21.79
Jan. 9, 1963	24.48	Jan. 10, 1964	24.35	Nov. 5	22.85	Nov. 6	23.13
Feb. 4	24.88						

421216N1043323.1. Local number 26-64-28bbb1 (previously reported 26-64-28bbb). National Park Service. Drilled domestic water-table well in gravel of alluvium, diam 18 in, depth 29 ft, cased to 29. Lsd 4,245.9 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 13.90 below lsd, Oct. 20, 1961; lowest 17.16 below lsd, Feb. 15, 1965. Records available: 1948-65.

Jan. 20, 1961	16.15	May 21, 1962	14.33	July 22, 1963	15.60	Oct. 20, 1964	15.69
Feb. 20	16.27	June 20	14.80	Aug. 20	15.35	Nov. 20	15.84
Mar. 21	16.16	July 20	14.57	Sept. 20	15.64	Dec. 18	16.20
Apr. 20	16.06	Aug. 20	14.30	Oct. 10	15.84	Jan. 20, 1965	16.20
May 19	15.36	Sept. 20	14.68	Nov. 20	16.10	Feb. 15	17.16
June 20	15.62	Oct. 19	15.19	Dec. 20	16.20	Mar. 15	16.24
July 20	14.60	Nov. 20	15.98	Jan. 20, 1964	16.22	Apr. 15	16.33
Aug. 19	15.09	Dec. 20	16.00	Feb. 20	16.25	May 17	14.70
Sept. 20	15.73	Jan. 18, 1963	15.97	Mar. 20	16.22	June 15	14.10
Oct. 20	13.90	Feb. 20	16.00	Apr. 20	16.05	July 15	14.40
Nov. 20	14.59	Mar. 20	16.02	May 20	15.30	Aug. 14	15.00
Dec. 20	15.10	Apr. 19	16.11	June 19	14.50	Sept. 15	15.25
Jan. 22, 1962	15.90	26	16.27	July 20	14.80	Oct. 20	15.71
Feb. 20	15.84	May 20	15.43	Aug. 20	15.60	Nov. 15	15.90
Mar. 20	15.99	June 20	14.60	Sept. 21	15.89	Dec. 15	16.00
Apr. 20	15.76						

421218N1043320.1. Local number 26-64-28bbb2. Fort Laramie National Historic Site. Drilled public-supply water-table well in alluvium of Laramie River, diam 14 in, depth 60 ft, cased to 60. Lsd about 4,248 ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 10.00 below lsd, Jan. 18, 1963; lowest 17.26 below lsd, Feb. 20, 1964. Records available: 1961-65.

Nov. 28, 1961	15.60	July 22, 1963	14.01	May 20, 1964	16.00	Mar. 15, 1965	17.08
Sept. 20, 1962	14.83	Aug. 20	15.93	June 19	15.00	Apr. 16	17.13
Oct. 19	16.09	Sept. 20	16.10	July 20	15.40	May 17	15.31
Nov. 20	16.35	Oct. 21	16.16	Aug. 20	16.60	June 15	14.90
Dec. 20	16.43	Nov. 20	16.40	Sept. 21	16.56	July 15	15.00
Jan. 18, 1963	10.00	Dec. 20	16.45	Oct. 20	16.40	Aug. 16	15.40
Mar. 20	16.41	Jan. 20, 1964	16.43	Nov. 20	16.53	Sept. 15	15.70
Apr. 19	16.49	Feb. 20	17.26	Dec. 18	13.14	Oct. 20	16.00
26	16.52	Mar. 20	16.82	Jan. 20, 1965	17.00	Nov. 15	16.70
May 20	14.46	Apr. 20	16.50	Feb. 15	17.00	Dec. 15	16.26
June 20	14.80						

421205N1043330.1. Local number 26-64-29ada. National Park Service. Dug observation water-table well in sand and gravel of alluvium, diam 36 in, depth 43 ft, cribbed with rock. Lsd 4,248.8 ft above msl. MP platform, 0.80 ft above lsd. Highest water level 16.12 below lsd, July 10, 1947; lowest 19.17 below lsd, Feb. 20, 1954. Records available: 1942-43, 1946-65.

Jan. 20, 1961	18.20	Apr. 20, 1962	17.77	June 20, 1963	17.20	Oct. 20, 1964	18.29
Feb. 20	17.92	May 20	17.10	July 22	17.86	Nov. 20	18.04
Mar. 21	18.18	June 20	16.80	Aug. 20	18.12	Dec. 18	18.30
Apr. 20	17.70	July 20	17.28	Sept. 20	18.02	Jan. 20, 1965	18.00
May 19	18.15	Aug. 20	17.60	Nov. 20	18.20	Feb. 15	18.15
June 20	17.52	Sept. 20	17.64	Dec. 20	18.20	Mar. 15	18.25
July 20	17.72	Oct. 19	17.90	Jan. 20, 1964	18.24	Apr. 16	18.30
Aug. 19	17.93	Nov. 20	18.00	Feb. 20	18.22	May 17	17.70
Sept. 20	18.25	Dec. 20	17.97	Mar. 20	18.22	June 15	17.70
Oct. 20	17.52	Jan. 18, 1963	18.06	Apr. 20	18.00	July 15	17.60
Nov. 20	17.16	Feb. 20	17.90	May 20	17.30	Aug. 16	17.60
Dec. 20	17.90	Mar. 20	17.97	June 19	17.20	Sept. 15	17.80
Jan. 22, 1962	17.90	Apr. 19	18.06	July 20	17.70	Oct. 20	17.92
Feb. 20	17.60	26	18.13	Aug. 20	18.20	Nov. 15	18.00
Mar. 20	16.60	May 20	17.88	Sept. 21	18.45	Dec. 15	17.95

421451N1043734.1. Local number 26-65-11baa. U. S. Bureau of Reclamation. Drilled domestic water-table well in gravel of alluvium, diam 6 in, depth 28 ft, cased with steel. Lsd 4,270.8 ft above msl. MP top of casing, 3.80 ft below lsd. Highest water level 12.19 below lsd, July 21, 1950; lowest 20.86 below lsd, Apr. 5, 1965. Records available: 1948-65. Measurement discontinued.

May 18, 1961	19.38	Sept. 25, 1962	14.28	Oct. 3, 1963	15.24	Oct. 5, 1964	16.88
Apr. 17, 1962	14.92	Apr. 4, 1963	17.00	Apr. 9, 1964	20.65	Apr. 5, 1965	20.86

## Hot Springs County

434040N1082440.1. Local number A8-4-10doc. U. S. Geol. Survey. Jetted unused water-table well in alluvium, diam  $\frac{3}{4}$  in, depth 15 ft, screened 14-15. Lsd 4,780.2 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 6.26 below lsd, Aug. 23, 1965; lowest 13.30 below lsd, Sept. 29, 1955. Records available: 1951-65.

434040N1082440.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 23, 1961	11.88	Apr. 2, 1963	9.15	Mar. 3, 1965	8.59	Aug. 23, 1965	8.26
Sept. 19	12.28	Sept. 24	8.16	May 11	7.80	Oct. 7	6.96
Apr. 24, 1962	12.30	May 12, 1964	7.84	June 20	6.57	Nov. 17	7.16
Sept. 18	8.87	Sept. 15	8.03				

434230N1084240.1. Local number A9-1-36ccc. D. B. Whetstone. Drilled unused water-table well in alluvium diam 28 in, depth 21 ft, cased to 21. Lsd 5,764.6 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level May 13, 1947, Apr. 24, 1962; lowest 10.25 below lsd, Sept. 16, 1959. Records available: 1946-65.

May 23, 1961	9.67	Apr. 2, 1963	7.08	Sept. 15, 1964	7.80	Aug. 23, 1965	7.40
Sept. 19	7.11	Sept. 24	6.91	May 11, 1965	6.70	Oct. 7	6.83
Apr. 24, 1962	6.30	May 12, 1964	6.77	June 20	8.22	Nov. 17	6.68
Sept. 18	7.35						

434320N1083540.1. Local number A9-2-35aaa. Arapahoe Ranch. Drilled unused water-table well in sand and gravel of alluvium, diam 8 in, depth 47 ft, cased with iron pipe. Lsd 5,372.2 ft (previously reported 5,371.95 ft) above msl. MP top of casing, 0.60 ft above lsd. Highest water level 4.26 below lsd, June 30, 1947; lowest 14.19 below lsd, Sept. 29, 1955. Records available: 1945-52, 1955-62, 1964. No measurement made in 1963 or 1965. May 23, 1961, 11.68; Sept. 19, 13.10; Apr. 24, 1962, 11.44; Sept. 18, 11.75; May 12, 1964, 10.65; Sept. 15, 11.53.

434200N1082440.1. Local number 43-96-17bbb. Tom Sanford. Drilled irrigation water-table well in terrace gravel, diam 14 in, depth 42 ft, cased with steel pipe. Lsd not available. MP top of casing, 0.10 ft above lsd. Highest water level 2.65 below lsd, June 20, 1965; lowest 18.30 below lsd, Sept. 19, 1961. Records available: 1960-65.

May 23, 1961	17.82	Sept. 18, 1962	9.37	Sept. 15, 1964	7.44	June 20, 1965	2.65
Sept. 19	18.30	Sept. 24, 1963	7.39	Mar. 3, 1965	7.11	Oct. 7	5.45
Apr. 24, 1962	12.17	May 12, 1964	5.97	May 11	4.20	Nov. 17	5.43

Johnson County

435895N1064144.1. Local number 46-82-10dc. Lyle Ramsbottom. Rotary drilled stock water-table well in Lance Formation, diam 4 in, depth 150 ft, finish unknown. Lsd not available. MP top of casing, 1.50 ft above lsd. Highest water level 1.72 below lsd, Apr. 20, 1965; lowest 10.05 below lsd, Sept. 6, 1961. Records available: 1961-65.

May 24, 1961	8.77	Mar. 26, 1962	9.03	Apr. 5, 1963	6.43	Sept. 21, 1964	5.12
July 28	9.72	June 22	8.34	Sept. 24	5.86	Apr. 20, 1965	1.72
Sept. 6	10.05	Sept. 24	9.11	May 9, 1964	2.45	Oct. 2	4.75
Oct. 24	9.73						

440857N1060822.1. Local number 48-77-8ac. Jesse Schoonover. Drilled stock artesian well in Wasatch Formation, diam unknown, depth 465 ft, finish unknown. Lsd not available. MP top of casing, 0.85 ft above lsd. Highest water level 40.19 below lsd, June 2, 1960; lowest 41.76 below lsd, Sept. 21, 1964. Records available: 1960-65.

Apr. 15, 1960	41.12	Nov. 1, 1960	41.22	May 22, 1961	41.05	Apr. 5, 1963	40.64
May 2	41.10	30	41.26	June 28	41.35	Sept. 25	41.05
June 2	40.19	Jan. 4, 1961	41.27	July 29	41.35	May 9, 1964	41.59
July 6	41.23	Feb. 2	40.69	Sept. 2	41.44	Sept. 21	41.76
29	41.20	24	40.88	Oct. 21	41.32	Apr. 20, 1965	41.50
Sept. 1	40.99	Mar. 24	40.95	Mar. 25, 1962	40.26	Oct. 2	41.62
30	41.20	Apr. 25	41.15	Sept. 24	41.24		

441702N1063520.1. Local number 50-81-22dd. Burton Hakert. Drilled stock water-table well in Wasatch Formation, diam 6 in, depth 362 ft, finish unknown. Lsd not available. MP top of casing, 1.00 ft above lsd. Highest water level 3.29 below lsd, June 19, 1962; lowest 13.74 below lsd, July 29, 1960. Records available: 1960-65.

Feb. 24, 1960	4.3	Nov. 1, 1960	10.10	May 22, 1961	4.62	Sept. 24, 1962	4.12
Apr. 11	4.55	30	6.95	June 28	4.78	Apr. 4, 1963	3.61
26	4.47	Jan. 4, 1961	5.85	July 29	5.28	Sept. 25	3.87
June 2	4.80	Feb. 1	5.50	Sept. 5	5.62	May 9, 1964	3.34
July 29	13.74	24	5.01	Oct. 25	4.62	Sept. 22	4.35
Sept. 1	7.70	Mar. 24	4.42	Mar. 25, 1962	4.10	Apr. 20, 1965	3.60
30	9.91	Apr. 25	4.59	June 19	3.29	Oct. 2	3.98

442427N1064940.1. Local number 51-83-10ac. Niels Nielson. Drilled stock water-table well in Kingsbury Member of Wasatch Formation, diam 6 in, depth 275 ft, cased to 205. Lsd not available. MP top of casing, 1.60 ft above lsd. Highest water level 30.90 below lsd, Apr. 11, 1960; lowest 33.60 below lsd, Oct. 2, 1965. Records available: 1960-65.

Jan. 13, 1960	31.20	Aug. 31, 1960	31.42	Apr. 25, 1961	31.37	Sept. 25, 1962	32.63
Feb. 1	31.28	Sept. 30	31.47	May 22	31.56	Apr. 4, 1963	32.73
Mar. 1	31.27	Nov. 1	31.44	July 29	30.91	Sept. 24	32.00
Apr. 11	30.90	Dec. 1	31.16	Sept. 6	32.05	May 9, 1964	32.94
May 4	31.33	Jan. 3, 1961	31.44	Oct. 25	32.07	Sept. 21	33.30
June 1	31.41	Feb. 2	31.46	Mar. 26, 1962	32.24	Apr. 20, 1965	33.34
July 5	31.48	24	31.45	June 21	32.35	Oct. 2	33.60
Aug. 1	31.48	Mar. 24	31.44				

Laramie County

410231N1041122.1. Local number 12-61-3acb (previously reported 12-61-3abb). H. E. Anderson. Drilled irrigation water-table well in gravel of terrace deposits, diam 24 in, depth 110 ft, cased to 110. Lsd about 5,259 ft above msl. MP hole in west side of wooden cover outside pump house, at lsd (since May 11, 1961). Highest water level 27.63 below lsd, Apr. 1, 1963; lowest 35.20 below lsd, Apr. 3, 1953. Records available: 1945-54, 1956-65.

May 11, 1961	30.73	Sept. 9, 1963	28.69	July 2, 1964	29.10	Dec. 1, 1964	29.63
Sept. 15	30.09	Mar. 3, 1964	28.56	Aug. 3	29.43	31	29.73
Apr. 3, 1962	29.79	Apr. 13	28.78	Sept. 10	29.72	Feb. 1, 1965	29.74
Sept. 20	27.96	May 6	28.75	30	29.67	Mar. 2	29.94
Apr. 1, 1963	27.63	June 2	28.95	Nov. 2	29.66	Oct. 2	f35

f Dry.

41011N1042016.1. Local number 12-62-8dca. P. M. Ragland. Drilled irrigation water-table well in siltstone of Brule Formation, diam 18 in, depth 129 ft, perforated steel casing to 129, gravel-packed. Lsd about 5,391 ft (previously reported about 5,305 ft) above msl. MP pumpbase, 0.85 ft above lsd. Highest water level 47.08 below lsd, Apr. 1, 1963; lowest 52.59 below lsd, Sept. 10, 1964. Records available: 1959-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 15, 1961	51.93	Sept. 9, 1963	50.95	Sept. 10, 1964	52.59	Dec. 31, 1964	48.66
Apr. 3, 1962	48.34	Mar. 3, 1964	47.39	30	50.44	Feb. 1, 1965	48.56
Sept. 20	50.01	Apr. 13	47.68	Nov. 2	49.20	Mar. 2	48.44
Apr. 1, 1963	47.08	June 2	48.86	Dec. 1	48.74	Oct. 2	50.42

410609N1040708.1. Local number 13-60-8ccb. Herbert Campbell. Drilled irrigation water-table well in Brule Formation, diam 14 in, depth 97 ft, steel surface casing, open hole below. Lsd about 5,135 ft above msl. MP top of casing, at lsd. Highest water level 30.14 below lsd, Apr. 1, 1963; lowest 49.09 below lsd, Nov. 2, 1964. Records available: 1960-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 4, 1960	46.80	Sept. 9, 1963	44.05	July 2, 1964	38.68	Dec. 3, 1964	48.08
May 11, 1961	37.08	Mar. 3, 1964	41.47	Aug. 3	44.50	Feb. 1, 1965	47.60
Sept. 15	39.62	Apr. 13	34.58	Sept. 30	48.05	Mar. 2	45.73
Apr. 3, 1962	34.06	May 6	34.39	Nov. 2	49.09	Oct. 2	40.74
Apr. 1, 1963	30.14	June 2	36.73	Dec. 1	48.47		

410322N1040717.1. Local number 13-60-31aaa (previously reported 13-60-31aa). W. T. Young, Jr. Drilled irrigation water-table well in siltstone of Brule Formation, diam 20 in, depth 100 ft, galvanized iron casing. Lsd 5,184.8 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 104.16 below lsd, Apr. 3, 1962; lowest 43.62 below lsd, Aug. 2, 1949. Records available: 1940-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 11, 1961	36.63	Sept. 9, 1963	38.65	Sept. 10, 1964	41.45	Dec. 31, 1964	42.80
Sept. 15	39.08	Mar. 3, 1964	36.08	30	39.45	Feb. 1, 1965	37.95
Apr. 3, 1962	35.50	Apr. 13	35.92	Nov. 2	38.69	Mar. 2	36.76
Sept. 20	36.84	May 6	36.18	Dec. 1	38.00	Oct. 2	38.38
Apr. 1, 1963	35.69	June 2	37.67				

410534N1050024.1. Local number 13-68-16bdb. City of Cheyenne. Drilled observation water-table well in gravel of Ogallala Formation, diam 10 to 8 in, depth 300 ft, cased with steel pipe. Lsd 6,641.9 ft above msl. MP top of auxiliary pipe, 1.00 ft above lsd. Highest water level 104.16 below lsd, Nov. 30, 1949; lowest 140.10 below lsd, May 3, 1957. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	126.75	May 29, 1962	128.30	June 26, 1963	129.54	Nov. 30, 1964	131.27
Feb. 28	126.64	June 28	131.72	Aug. 29	130.85	Dec. 30	131.50
Apr. 4	126.69	July 27	128.56	Sept. 24	130.56	Jan. 29, 1965	138.29
26	126.83	Sept. 4	130.83	Oct. 23	131.82	Feb. 26	131.44
June 1	126.67	25	133.48	Nov. 26	129.87	Mar. 31	131.44
29	127.05	Nov. 29	130.51	Dec. 26	129.82	Apr. 29	131.75
Dec. 29	128.54	Dec. 28	130.13	Jan. 29, 1964	130.45	May 27	131.89
Jan. 29, 1962	129.66	Jan. 31, 1963	129.90	July 7	130.69	July 29	131.86
Mar. 5	128.20	Feb. 26	129.56	April 30	131.69	Sept. 25	132.39
30	128.01	Mar. 28	131.56	Sept. 29	133.34	Nov. 27	132.65
Apr. 26	127.80	Apr. 29	132.49	Oct. 28	131.36		

411238N1040708.1. Local number 14-60-5bcb. C. C. Gross. Drilled irrigation water-table well in siltstone of Brule Formation, diam 18 in, reported depth 100 ft, cased with steel. Lsd 5,082 ft above msl. MP top of casing, at lsd. Highest water level 29.51 below lsd, Apr. 29, 1959; lowest 39.35 below lsd, Aug. 25, 1964. Records available: 1957-65. Recorder installed Aug. 17, 1962. May 11, 1961, 31.02; Sept. 15, 34.94; Apr. 3, 1962, 30.83.

Highest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	36.63	33.99	32.55	31.99
10	.....	.....	.....	.....	.....	.....	.....	.....	34.75	33.53	32.40	31.94
15	.....	.....	.....	.....	.....	.....	.....	.....	34.26	33.25	32.33	31.88
20	.....	.....	.....	.....	.....	.....	.....	34.10	34.05	33.06	32.19	31.84
25	.....	.....	.....	.....	.....	.....	.....	35.90	33.80	32.88	32.16	31.78
Eom	.....	.....	.....	.....	.....	.....	.....	36.29	33.85	32.68	32.07	31.70
1963												
5	31.67	e31.42	31.22	31.32	33.22	35.95	37.07	.....	.....	33.87	32.84	32.37
10	31.61	31.37	31.15	31.19	33.07	34.90	37.72	.....	35.65	33.64	32.76	32.33
15	31.56	31.35	31.11	31.13	33.09	34.35	38.38	.....	35.13	33.43	32.63	.....
20	e31.54	31.27	31.19	32.57	33.40	33.90	38.06	.....	34.73	33.25	32.57	.....
25	e31.50	31.28	31.20	32.27	36.53	33.75	38.56	.....	34.41	33.12	32.52	.....
Eom	e31.46	31.23	31.37	32.57	36.64	35.53	39.11	.....	34.12	32.99	32.43	.....
1964												
5	32.02	.....	31.57	31.36	31.23	32.50	34.15	38.32	36.97	35.35	34.36	34.23
10	31.96	.....	31.54	31.37	31.41	32.47	34.50	37.38	37.88	35.02	35.23	34.00
15	.....	.....	31.50	31.36	32.64	32.45	35.07	38.52	36.02	34.80	34.83	33.85
20	.....	.....	31.51	31.31	32.04	32.88	35.58	39.27	35.94	34.69	34.50	.....
25	.....	.....	31.48	31.28	31.97	33.15	37.10	39.35	35.51	34.66	34.37	.....
Eom	.....	31.57	31.43	31.30	32.88	33.27	37.20	37.70	35.32	34.48	34.45	.....
1965												
5	33.50	33.05	32.83	32.57	33.60	33.29	32.36	35.20	35.46	33.50	34.18	32.52
10	33.40	33.02	32.75	32.51	33.64	33.25	33.80	35.75	35.13	33.35	33.30	32.39
15	33.37	32.98	32.72	33.41	33.60	32.88	35.20	.....	34.85	33.15	32.97	32.32
20	33.25	32.89	32.69	32.95	33.65	32.70	35.90	36.63	34.30	33.35	32.89	32.25
25	33.17	32.87	32.65	32.88	33.60	32.60	34.87	35.82	34.00	32.90	32.90	32.18
Eom	33.07	32.82	32.62	32.22	33.42	32.48	35.08	35.65	33.72	33.00	32.73	.....

e Estimated.

411142N1040343.1. Local number 14-60-11bcc1. M. L. Larson. Drilled irrigation water-table well in sand and gravel of alluvium, diam 24 in, reported depth 60 ft, cased to 60. Lsd about 5,023 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 8.47 below lsd, Oct. 29, 1945; lowest 26.65 below lsd, May 31, 1950. Records available: 1943-65.

411142N1040343, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 11, 1961	16.50	Sept. 9, 1963	22.75	July 2, 1964	17.49	Dec. 31, 1964	19.65
Sept. 15	17.76	Mar. 3, 1964	16.71	Aug. 3	18.81	Feb. 1, 1965	19.39
Apr. 3, 1962	16.03	Apr. 13	16.58	Sept. 30	22.09	Mar. 2	19.29
Sept. 20	16.84	May 6	17.00	Nov. 2	21.70	Oct. 2	19.84
Apr. 1, 1963	16.14	June 2	17.83	Dec. 1	19.47		

410925N1040600, 1. Local number 14-60-28bbb (previously reported 14-60-28bb). Herbert Campbell. Drilled irrigation water-table well in siltstone of Brule Formation, diam 20 in, depth 96 ft, cased with steel. Lsd 5,092.4 ft above msl. MP hole in pump housing, 0.80 ft above lsd. Highest water level 20.07 below lsd, Apr. 29, 1959; lowest 34.60 below lsd, Sept. 16, 1954. Records available: 1940-65.

May 11, 1961	26.19	Sept. 9, 1963	33.90	June 2, 1964	26.57	Dec. 31, 1964	31.07
Apr. 3, 1962	22.84	Mar. 3, 1964	25.39	Sept. 30	33.27	Feb. 1, 1965	32.23
Sept. 20	24.26	Apr. 13	25.14	Nov. 2	32.17	Mar. 2	30.29
Apr. 1, 1963	21.07	May 6	27.29	Dec. 1	31.70	Oct. 2	30.50

411010N1041525, 1. Local number 14-62-24aac (previously reported 14-62-24ad). Union Pacific RR Co. Dug industrial water-table well in siltstone of Brule Formation, diam 16 ft, depth 36 ft, cribbed with rock to 36. Lsd 5,285.2 ft above msl. MP top of well platform, 0.50 ft above lsd. Highest water level 27.80 below lsd, July 20, 1942; lowest 33.82 below lsd, Oct. 4, 1960. Records available: 1940-63. Well destroyed; measurement discontinued. May 11, 1961, 31.68; Sept. 15, 31.27; Apr. 3, 1962, 31.22; Sept. 20, 32.15; Apr. 1, 1963, 31.54; Sept. 9, 32.27.

410850N1044740, 1. Local number 14-66-29ddc. Ellis D. Gordon. Drilled irrigation artesian well in sand and gravel of Ogallala Formation, diam 5 in, depth 80 ft, cased to 80, slotted 60-80. Lsd about 6,080 ft above msl. MP top of casing, in well pit, 2.60 ft below lsd. Highest water level 1.13 below lsd, Oct. 7, 1961; lowest 3.90 below lsd, July 17, 1960. Records available: 1958-65.

Jan. 6, 1961	2.81	Nov. 4, 1961	1.36	July 31, 1962	2.12	May 19, 1963	2.93
15	2.84	10	1.24	Aug. 3	1.92	25	2.68
21	2.83	19	1.22	11	2.60	June 1	2.69
28	2.86	26	1.46	17	2.58	7	2.67
Feb. 5	3.08	Dec. 2	1.38	25	2.54	14	2.66
11	3.12	9	1.29	31	2.13	21	2.34
16	2.92	17	1.30	Sept. 7	2.25	28	3.12
18	2.88	23	1.64	14	2.30	July 6	2.88
22	2.82	30	1.48	21	2.15	13	3.34
25	2.97	Jan. 1, 1962	1.71	29	1.86	20	2.90
Mar. 4	2.86	6	1.53	Oct. 6	1.63	26	2.64
11	3.05	13	1.35	13	1.77	Aug. 3	3.06
21	3.03	20	1.40	20	1.85	10	2.44
26	2.83	28	1.94	28	2.00	17	2.46
Apr. 1	3.03	Feb. 3	1.82	Nov. 3	1.92	23	2.35
8	2.93	10	1.75	11	1.96	31	2.32
15	3.01	17	1.70	18	1.90	Sept. 7	2.39
22	3.00	24	1.79	26	1.98	14	2.10
29	3.13	Mar. 3	1.76	Dec. 2	1.88	21	2.09
May 9	3.02	10	1.69	9	2.02	28	2.01
14	2.87	17	2.10	16	1.94	Oct. 4	2.02
20	2.58	24	2.03	23	1.97	Jan. 29, 1964	2.30
27	2.48	31	2.09	30	2.09	Feb. 26	2.26
June 1	2.38	Apr. 5	2.10	Jan. 6, 1963	2.12	Apr. 13	2.63
9	1.79	8	1.96	13	1.95	May 1	2.60
19	2.08	14	2.13	20	2.00	27	2.89
27	2.29	21	2.03	26	2.12	July 1	3.32
29	2.05	28	2.07	Feb. 2	2.20	30	2.93
July 18	2.09	May 5	2.39	9	2.16	Oct. 2	2.79
22	1.89	12	2.41	16	2.28	Jan. 13, 1965	2.54
29	1.83	19	2.40	23	2.28	29	2.37
Aug. 5	2.47	26	2.20	Mar. 2	2.21	Mar. 2	2.85
18	1.60	29	2.07	9	2.34	30	3.10
25	1.40	June 2	2.27	16	1.97	Apr. 30	3.62
Sept. 1	1.49	9	2.09	23	2.42	May 27	3.10
10	1.45	15	1.91	30	2.47	June 29	2.77
15	1.53	23	2.20	Apr. 6	2.46	July 29	2.72
22	1.34	30	2.09	13	2.95	Aug. 31	2.18
29	1.16	July 6	1.95	20	2.46	Oct. 2	2.00
Oct. 7	1.13	13	1.82	27	2.40	30	1.88
14	1.56	20	2.11	May 3	2.72	Nov. 27	1.77
21	1.16	26	2.40	10	2.74	Dec. 27	1.98
29	1.17						

410826N1044911, 1. Local number 14-66-31bda (previously reported 14-66-31bdd). City of Cheyenne. Drilled observation water-table well in sand and gravel of Ogallala Formation, diam 12 in, depth 258 ft, cased with iron. Lsd 6,089 ft above msl. MP top of casing, 0.20 ft below lsd. Highest water level 9.23 below lsd, Oct. 29, 1954; lowest 13.76 below lsd, Nov. 27, 1943. Records available: 1942-45, 1950-65.

Feb. 28, 1961	11.65	Dec. 28, 1961	11.89	Oct. 29, 1962	11.52	Aug. 26, 1963	10.99
Apr. 4	10.98	Jan. 29, 1962	12.01	Nov. 28	11.82	Sept. 24	10.70
27	10.88	Feb. 28	12.04	Dec. 27	12.02	Oct. 23	11.21
May 31	10.29	Mar. 28	11.92	Jan. 30, 1963	12.18	Nov. 26	11.69
June 30	10.15	Apr. 26	11.28	Feb. 26	12.13	Dec. 26	11.92
July 28	10.30	May 28	10.08	Mar. 28	11.97	Jan. 28, 1964	12.07
Sept. 12	10.49	June 28	10.46	Apr. 29	11.66	Feb. 27	12.11
28	10.61	July 27	10.54	May 28	11.18	Mar. 30	12.16
Oct. 25	11.40	Aug. 28	10.31	June 26	10.54	Apr. 29	11.75
Nov. 29	11.67	Sept. 25	10.71	July 30	10.35	May 27	11.21

410826N1044911.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 29, 1964	11.05	Nov. 30, 1964	11.60	Apr. 29, 1965	11.65	Sept. 28, 1965	10.97
July 30	10.22	Dec. 30	12.06	May 27	10.18	Oct. 28	11.44
Aug. 20	10.58	Jan. 28, 1965	12.20	June 29	9.26	Nov. 27	11.66
Sept. 29	10.61	Feb. 26	12.13	July 29	9.86	Dec. 27	11.87
Oct. 28	10.96	Mar. 29	12.15	Aug. 30	10.81		

411034N1045540.1. Local number 14-67-18ddc. City of Cheyenne. Drilled municipal artesian well in sand and gravel of Brule Formation, diam 12 in, depth 229 ft, cased to 229. Lsd 6,248 ft (previously reported 6,248.7 ft) above msl. MP top of casing, 1.50 ft above lsd. Highest water level 12.48 below lsd, Sept. 26, Oct. 28, 1957; lowest 34.15 below lsd, Sept. 4, 1964. Records available: 1956-65. Recorder installed Oct. 25, 1962.

Jan. 30, 1961	26.94	July 28, 1961	28.22	Jan. 29, 1962	21.16	June 28, 1962	19.28
Feb. 27	26.62	Sept. 12	26.44	Mar. 5	20.14	July 27	20.56
Apr. 4	25.76	28	25.20	30	19.40	Sept. 4	27.33
26	26.10	Oct. 31	24.17	Apr. 26	21.47	25	25.25
May 31	26.00	Nov. 29	23.41	May 29	19.71	Oct. 24	22.51
June 29	28.00	Dec. 28	22.16				

Highest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.34	20.93
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.29	20.33
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.06	19.95
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.92	19.88
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.33	22.17	19.41
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.70	21.23	19.10

1963

5	19.19	17.87	18.33	16.84	19.73	23.46	26.40	23.47	25.09	22.55	19.63	19.28
10	18.98	17.56	17.47	17.60	19.77	23.66	26.75	22.15	24.50	22.94	19.84	19.67
15	18.60	17.51	17.33	17.97	19.10	24.83	26.48	23.84	24.58	21.57	21.68	18.58
20	18.48	17.62	17.35	18.62	18.50	22.97	26.85	22.52	24.06	20.85	19.64	18.15
25	18.08	18.34	17.08	18.82	22.34	25.25	26.22	21.42	22.15	20.33	19.43	17.82
Eom	17.85	18.37	16.77	19.16	23.57	26.02	25.30	24.32	21.79	19.59	18.84	18.08

1964

5	19.50	18.83	19.45	21.52	19.45	24.95	26.40	28.75	34.05	28.15	25.11	22.96
10	18.30	18.13	19.88	22.18	20.03	23.44	27.45	29.59	32.09	27.83	24.24	22.26
15	18.29	18.04	20.14	21.83	20.80	24.67	28.27	30.82	31.08	27.47	23.87	22.00
20	19.07	18.67	20.17	20.66	21.78	25.75	29.29	30.27	31.47	26.93	23.45	22.00
25	18.29	19.35	20.15	19.60	22.79	25.28	30.05	31.56	30.32	26.33	22.91	21.63
Eom	19.86	20.33	19.84	19.45	23.15	25.79	30.00	32.67	28.87	25.69	22.55	21.67

1965

5	21.45	20.54	22.98	21.50	24.72	23.60	24.10	26.20	26.20	23.00	21.30	22.56
10	21.55	20.53	22.91	21.36	23.10	24.72	24.77	26.97	26.40	24.28	19.83	22.05
15	21.45	20.53	22.53	21.59	22.03	24.25	26.15	27.06	27.58	22.41	20.15	22.88
20	21.07	20.26	22.59	21.60	22.25	22.03	26.63	26.65	24.95	21.76	20.00	21.77
25	20.81	21.33	22.09	22.95	22.22	20.90	26.08	25.94	23.75	21.40	19.90	20.45
Eom	20.55	21.84	22.30	23.42	21.30	21.88	26.45	26.67	22.82	21.25	21.05	.....

411050N1045847.1. Local number 14-68-14cbb (previously reported 14-68-14cbs). City of Cheyenne. Drilled observation water-table well in sand and gravel of alluvium, diam 12 in, depth 188 ft, cased with steel. Lsd 6,310 ft (previously reported 6,300 ft) above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.09 below lsd, Feb. 26, 1944; lowest 38.10 below lsd, Sept. 12, 1961. Records available: 1941-48, 1950-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	30.63	Apr. 26, 1962	14.09	July 31, 1963	18.31	Oct. 28, 1964	36.54
Feb. 27	31.59	May 29	13.53	Aug. 29	19.46	Nov. 30	36.71
Apr. 4	32.97	June 28	13.26	Sept. 24	21.45	Dec. 30	36.40
26	33.28	July 27	13.77	Oct. 23	21.88	Jan. 29, 1965	35.07
May 31	34.00	Sept. 4	18.67	Nov. 27	21.81	Feb. 26	34.48
June 29	35.74	25	19.23	Dec. 26	20.86	Mar. 31	35.06
July 28	29.00	Oct. 29	17.77	Jan. 28, 1964	21.15	Apr. 29	34.64
Sept. 12	38.10	Nov. 28	16.12	Feb. 27	19.18	May 27	34.82
28	37.93	Dec. 27	14.48	Mar. 31	21.28	June 29	31.92
Nov. 1	36.90	Jan. 31, 1963	14.86	May 1	17.29	July 29	29.20
29	35.24	Feb. 26	12.00	June 2	19.47	Aug. 30	29.61
Dec. 28	32.36	Mar. 28	11.09	29	23.27	Sept. 25	27.69
Jan. 31, 1962	26.34	Apr. 29	11.29	July 30	28.62	Oct. 30	25.05
Mar. 5	16.79	May 28	12.59	Sept. 1	32.83	Nov. 27	14.76
30	14.62	June 26	14.43	29	35.53	Dec. 27	15.71

410836N1050028.1. Local number 14-68-33abc. City of Cheyenne. Drilled municipal water-table well in gravel of Ogallala Formation, diam 10 in, depth 230 ft, perforated steel casing. Lsd 6,568 ft (previously reported 6,569.8 ft) above msl. MP upper edge of 2-in auxiliary pipe on south side of well, 2.30 ft above lsd (since Apr. 4, 1961). Highest water level 120.16 below lsd, Feb. 11, 1950; lowest 194.16 below lsd, July 5, 1957. Records available: 1947-65.

Jan. 31, 1961	157.00	Nov. 29, 1961	160.10	Sept. 25, 1962	161.90	July 31, 1963	164.48
Feb. 27	156.43	Dec. 28	159.82	Oct. 29	163.38	Aug. 29	165.53
Apr. 4	156.68	Jan. 29, 1962	163.81	Nov. 28	162.81	Sept. 24	162.34
26	157.48	Mar. 5	160.60	Dec. 27	162.67	Oct. 24	162.18
June 29	166.58	30	159.76	Jan. 31, 1963	162.11	Dec. 26	162.70
July 28	163.43	May 29	160.75	Feb. 25	161.93	Jan. 28, 1964	161.46
Sept. 12	163.88	June 28	162.50	Mar. 28	161.44	Feb. 27	161.84
28	163.30	July 27	172.37	Apr. 29	161.52	Mar. 31	161.34
Oct. 31	160.70	Sept. 4	161.77	May 28	161.25	Apr. 7	160.35

410536N1050028.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 1, 1964	160.13	Nov. 30, 1964	161.20	Mar. 31, 1965	158.96	Sept. 25, 1965	159.53
June 2	160.00	Dec. 30	160.77	Apr. 29	159.46	Oct. 30	158.44
29	161.55	Jan. 29, 1965	159.94	May 27	159.16	Nov. 27	157.77
Sept. 29	163.98	Mar. 1	159.85	July 29	160.28	Dec. 27	160.43
Oct. 30	163.49						

411346N1040655.1. Local number 15-60-32bba. W. T. Young. Drilled observation water-table well in siltstone of Brule Formation, diam 24 in, depth 84 ft, cased with steel. Lsd about 5,079 ft above msl. MP top of casing, at lsd. Highest water level 48.33 below lsd, May 10, 1960; lowest 56.69 below lsd, Sept. 30, 1964. Records available: 1960-65.

May 11, 1961	49.19	Apr. 3, 1962	49.07	Apr. 1, 1963	50.07	Sept. 30, 1964	56.69
Sept. 15	51.75	Sept. 20	52.68	May 6, 1964	50.20	Oct. 2, 1965	51.22

411750N1045109.1. Local number 15-67-2dba. Ervin A. Mueller. Rotary drilled irrigation artesian well in sand and gravel of Ogallala Formation, diam 16 in, depth 182 ft, cased with steel to 182, perforated 78-84, 123-132, 139-152. Lsd about 6,240 ft above msl. MP hole in side of casing, at lsd. Highest water level 72.14 below lsd, May 5, 1964; lowest 74.58 below lsd, July 2, 1964. Records available: 1961-65.

June 15, 1961	72.44	Sept. 25, 1963	72.90	July 2, 1964	74.58	Dec. 31, 1964	73.02
Nov. 28	72.34	Mar. 3, 1964	72.23	Sept. 6	73.53	Feb. 2, 1965	72.94
Apr. 23, 1962	74.04	Apr. 13	72.47	Oct. 2	73.39	Mar. 2	73.09
Sept. 17	72.79	May 5	72.14	Nov. 2	72.87	Oct. 2	73.93
Apr. 12, 1963	72.31	13	72.35	Dec. 1	72.74		

412951N105344.2. Local number 18-67-28cbb2 (previously reported 18-67-28cac2). Ernest Nimmo. Drilled domestic water-table well in alluvium, diam 6 in, depth 50 ft, cased with steel. Lsd about 5,938 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 4.70 below lsd, Apr. 29, 1958; lowest 16.72 below lsd, Apr. 30, 1965. Records available: 1956-65.

May 16, 1961	8.65	Sept. 17, 1962	9.46	May 13, 1964	9.70	Apr. 30, 1965	16.72
Sept. 18	10.85	Apr. 12, 1963	5.14	Sept. 11	13.15	Oct. 2	12.56
Apr. 23, 1962	5.09	Sept. 25	11.40				

Lincoln County

415442N1105718.1. Local number 22-119-Soda. Doyle Knouse. Drilled irrigation water-table well in terrace deposits of Bear River, diam 12 in, depth 250 ft, cased with steel, perforated 40-250. Lsd about 6,227 ft above msl. MP top west side of airline plug, 0.50 ft above lsd. Highest water level 32.20 below lsd, Sept. 20, 1962; lowest 39.18 below lsd, Apr. 17, 1962. Records available: 1959, 1962-65. No measurement made in 1960-61.

Apr. 6, 1959	37.35	Mar. 26, 1963	36.25	May 6, 1964	38.29	Apr. 21, 1965	37.81
Apr. 17, 1962	39.18	Sept. 23	33.92	Oct. 8	36.27	Oct. 6	34.96
Sept. 20	32.20						

415921N1105319.1. Local number 23-119-7acc. Claude Knouse. Drilled irrigation water-table well in alluvium, diam 12 in, depth 117 ft, cased with steel. Lsd about 6,185 ft above msl. MP top of casing, at lsd. Highest water level 6.23 below lsd, June 4, 1960; lowest 8.23 below lsd, Sept. 21, 1961. Records available: 1956-65. Measurement discontinued.

May 2, 1961	6.86	Sept. 20, 1962	7.10	Sept. 23, 1963	7.03	Oct. 8, 1964	7.25
Sept. 21	8.23	Mar. 26, 1963	7.25	May 6, 1964	7.21	Apr. 21, 1965	7.02
Apr. 6, 1962	7.80						

415844N1105348.1. Local number 23-119-18bb. Doyle Knouse. Drilled irrigation water-table well in terrace deposits, diam 12 in, depth 158 ft, cased with steel. Lsd about 6,225 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 44.10 below lsd, Sept. 18, 1959; lowest 46.17 below lsd, Apr. 23, 1957. Records available: 1955-65.

May 2, 1961	44.55	Sept. 20, 1962	44.54	May 6, 1964	45.08	Apr. 21, 1965	44.80
Sept. 21	45.69	Mar. 26, 1963	45.10	Oct. 8	44.60	Oct. 6	44.20
Apr. 6, 1962	45.66	Sept. 23	44.48				

415557N1105715.2. Local number 23-119-32bda2. Thornock Bros. Drilled irrigation water-table well in terrace deposits of Bear River, diam 16 in, depth 230 ft, cased with steel. Lsd about 6,211 ft above msl. MP top south side of casing, 0.40 ft above lsd. Highest water level 25.48 below lsd, Sept. 20, 1962; lowest 30.30 below lsd, Apr. 7, 1962. Records available: 1962-65.

Apr. 7, 1962	30.30	Mar. 26, 1963	29.64	May 6, 1964	30.07	Apr. 21, 1965	29.31
Sept. 20	25.48	Sept. 23	27.50	Oct. 8	28.10	Oct. 6	28.40

410202N1105602.1. Local number 24-119-28acb. Herman Teichert. Drilled irrigation water-table well in terrace deposits of Bear River, diam 16 in, depth 230 ft, cased with steel, perforated 0-220. Lsd about 6,195 ft above msl. MP hole inside east side of pump shell, 0.20 ft above lsd. Highest water level 14.01 below lsd, Sept. 20, 1962; lowest 18.24 below lsd, Mar. 26, 1963. Records available: 1962-65.

Apr. 7, 1962	16.51	Mar. 26, 1963	18.24	May 6, 1964	16.85	Apr. 21, 1965	15.73
Sept. 20	14.01	Sept. 23	14.78	Oct. 8	14.89	Oct. 6	14.43

Natrona County

422742N1071116.1. Local number 29-86-19cc. James Grieves (Dumbell Ranch). Drilled stock water-table well in alluvium, diam 6 in, depth 20 ft, galvanized steel casing. Lsd about 5,925 ft above msl. MP hole in flange of pump hose, 0.40 ft above lsd. Highest water level 4.37 below lsd, June 24, 1965; lowest 13.10 below lsd, Jan. 25, 1965. Records available: 1942-43, 1946-65.

Jan. 13, 1961	9.46	Sept. 5, 1961	8.60	June 12, 1962	5.21	Mar. 26, 1963	9.84
Feb. 7	9.56	Oct. 3	8.09	July 17	5.40	Apr. 27	9.99
Mar. 1	9.74	Nov. 6	9.03	Aug. 6	5.64	June 3	7.22
Apr. 4	10.05	Jan. 30, 1962	9.65	Sept. 7	5.68	July 19	6.36
May 5	10.16	Feb. 20	9.70	Oct. 10	7.92	Aug. 15	8.25
June 13	6.49	Apr. 6	9.76	Dec. 5	9.05	Sept. 30	8.24
July 5	7.25	20	9.61	Jan. 14, 1963	9.30	Oct. 29	9.46
Aug. 7	7.59	May 20	7.00	Feb. 15	9.45	Dec. 2	9.23

422748N1071116, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1964	9.37	Aug. 10, 1964	6.77	Feb. 20, 1965	12.45	Aug. 20, 1965	8.01
Feb. 14	9.49	Sept. 8	8.38	Mar. 20	11.40	Sept. 21	8.83
Mar. 1	9.61	Oct. 5	7.33	Apr. 26	9.50	Oct. 20	9.19
Apr. 19	9.87	Dec. 1	8.88	May 21	5.87	Nov. 23	9.55
May 19	9.44	Jan. 5, 1965	9.20	June 24	4.37	Dec. 22	9.64
July 7	4.94	25	13.10	July 21	6.36		

422619N1071620, 1. Local number 29-87-33ca. State of Wyoming. Drilled observation water-table well in alluvium, diam 2 in, depth 9 ft, cased to 9. Lsd about 6,005 ft above msl. MP top of casing, at lsd. Highest water level 3.00 below lsd, June 21, 1950; lowest 9.41 below lsd, Jan. 25, 1965. Records available: 1942-43, 1946-65.

Jan. 13, 1961	6.79	Apr. 20, 1962	6.40	Aug. 15, 1963	6.76	Jan. 5, 1965	6.19
Feb. 7	6.73	May 20	6.15	Sept. 30	6.96	25	9.41
Mar. 1	6.67	June 12	5.95	Nov. 4	7.01	Feb. 20	8.70
Apr. 4	6.63	July 17	6.09	Dec. 2	6.72	Mar. 20	7.85
May 5	6.63	Aug. 6	7.78	Jan. 6, 1964	6.94	Apr. 26	6.92
June 13	6.81	Sept. 7	6.46	Feb. 14	6.94	May 21	5.93
July 5	7.08	Oct. 10	6.61	Apr. 19	6.60	June 24	3.95
Aug. 7	7.29	Dec. 5	6.67	May 19	6.26	July 21	4.87
Sept. 5	7.13	Jan. 14, 1963	6.67	June 20	5.60	Aug. 20	5.51
Oct. 3	7.19	Feb. 15	6.57	July 7	4.85	Sept. 21	5.77
Nov. 6	6.86	Mar. 26	6.57	Aug. 10	5.70	Oct. 20	5.78
Jan. 30, 1962	6.84	Apr. 27	6.54	Sept. 9	6.04	Nov. 23	5.83
Feb. 20	6.70	June 3	6.48	Oct. 5	6.06	Dec. 22	5.79
Apr. 6	6.64	July 19	6.44	Dec. 1	6.22		

## Niobrara County

424038N1040441, 1. Local number 31-60-9bd. John Bruegger. Drilled irrigation water-table well in Arikaree Formation, diam 12 in, depth 130 ft, cased with steel to 20, open hole below. Lsd not available. MP base of pump, at lsd. Highest water level 21.84 below lsd, Apr. 22, 1963; lowest 24.08 below lsd, Sept. 29, 1962. Records available: 1962-65. May 28, 1962, 23.05; Sept. 29, 24.08; Apr. 22, 1963, 21.84; Sept. 28, 23.81; May 6, 1964, 23.20; Oct. 8, 1965, 23.71.

423940N1040312, 1. Local number 31-60-15da. U.S. Geol. Survey. Drilled observation water-table well in Arikaree Formation, diam 1½ in, depth 110 ft, cased with pipe. Lsd not available. MP top of casing, 3.90 ft above lsd. Highest water level 35.53 below lsd, Apr. 22, 1963; lowest 37.05 below lsd, Oct. 13, 1964. Records available: 1962-65. Sept. 29, 1962, 36.60; Apr. 22, 1963, 35.53; Sept. 28, 36.81; May 6, 1964, 36.46; Oct. 13, 37.05; Apr. 28, 1965, 36.48; Oct. 8, 36.78.

424129N1041122, 1. Local number 31-61-4ac. John Christian. Drilled irrigation water-table well in Arikaree Formation, diam 16 in, depth 218 ft, cased with steel to 16, open hole below. Lsd not available. MP hole in barrel over well, 0.80 ft above lsd. Highest water level 4.79 below lsd, Apr. 28, 1962; lowest 8.56 below lsd, Sept. 28, 1963. Records available: 1962-65. Apr. 28, 1962, 4.79; Sept. 29, 8.09; Apr. 22, 1963, 5.86; Sept. 28, 8.56; May 6, 1964, 4.90; Apr. 28, 1965, 5.95; Oct. 8, 7.32.

424014N1040854, 1. Local number 31-61-11dc. Andrew McMasters. Drilled stock water-table well in sandstone of Arikaree Formation, diam 7 in, depth 130 ft, cased with steel. Lsd not available. MP top of casing, 3.10 ft above lsd. Highest water level 5.61 below lsd, May 28, 1962; lowest 5.91 below lsd, Oct. 2, 1961. Records available: 1960-65.

May 11, 1960	6.43	Oct. 2, 1961	8.91	Apr. 22, 1963	6.04	Apr. 28, 1965	6.41
Oct. 7	8.22	May 28, 1962	5.61	Sept. 28	7.68	Oct. 8	6.81
May 26, 1961	6.35	Sept. 29	7.03				

424431N1040952, 1. Local number 32-62-17cd. Mrs. Ralph Larson. Drilled irrigation water-table well in sandstone of Arikaree Formation, diam 30 in to 37 ft, 20 in to 114 ft, gravel-packed to 37, cased to 60. Lsd not available. MP hole in pump-base, 0.70 ft above lsd. Highest water level 14.70 below lsd, May 11, 1960; lowest 21.59 below lsd, Oct. 8, 1965. Records available: 1960-65.

May 11, 1960	14.70	May 28, 1962	16.18	Sept. 28, 1963	16.59	Apr. 28, 1965	15.50
Oct. 2, 1961	17.44	Sept. 29	15.73	May 6, 1964	15.46	Oct. 8	21.59
Mar. 15, 1962	16.28	Apr. 22, 1963	15.23	Oct. 13	16.36		

424203N1041758, 1. Local number 32-62-34cc. Joe Pfister. Drilled unused water-table well in silt and sand of alluvium, diam 8 in, depth 28 ft, cased with steel. Lsd not available. MP top of casing, 1.90 ft above lsd. Highest water level 2.99 below lsd, May 28, 1962; lowest 5.93 below lsd, Oct. 2, 1961. Records available: 1960-65.

May 11, 1960	3.88	Mar. 15, 1962	4.57	Apr. 22, 1963	3.68	Oct. 13, 1964	5.80
Oct. 7	5.72	May 28	2.99	Sept. 28	5.66	Apr. 28, 1965	4.79
May 26, 1961	4.40	Sept. 29	5.36	May 6, 1964	3.99	Oct. 8	5.27
Oct. 2	5.93						

424553N1042634, 1. Local number 32-63-8ac6. John White. Drilled domestic water-table well in Arikaree Formation, diam unknown, depth 62 ft, type of casing unknown. Lsd not available. MP hole in pumpbase, at lsd. Highest water level 32.40 below lsd, Oct. 8, 1965; lowest 44.10 below lsd, Oct. 13, 1964. Records available: 1962-65.

May 28, 1962	37.79	Sept. 29, 1962	42.87	May 6, 1964	39.21	Apr. 28, 1965	37.96
29	37.80	Apr. 22, 1963	36.20	Oct. 13	44.10	Oct. 8	32.40
July 19	39.75	Oct. 24	40.95				

424530N1042605, 1. Local number 32-63-9cc. Frank Christian. Drilled unused water-table well in Arikaree Formation, diam 12 in, depth 218 ft, cased with steel to 22, open hole below. Lsd not available. MP top of casing, 0.70 ft above lsd. Highest water level 17.42 below lsd, Oct. 8, 1965; lowest 25.78 below lsd, Oct. 13, 1964. Records available: 1962-65. Apr. 30, 1962, 20.08; Apr. 22, 1963, 20.44; Sept. 28, 23.76; May 6, 1964, 23.93; Oct. 13, 25.78; Apr. 28, 1965, 22.91; Oct. 8, 17.42.

424558N1042340, 1. Local number 32-63-11bb. Lloyd Schaefer. Drilled irrigation water-table well in sandstone of Arikaree Formation, diam 24 in, depth 184 ft, cased to 20. Lsd not available. MP base of pump, 0.80 ft above lsd. Highest water level 45.13 below lsd, May 6, 1964; lowest 51.38 below lsd, Oct. 13, 1964. Records available: 1960-65.

424558N1042340, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 11, 1960	49.00	Oct. 2, 1961	49.83	Sept. 28, 1963	45.61	Oct. 27, 1965	47.89
Oct. 7	49.97	May 28, 1962	50.70	May 6, 1964	45.13	Apr. 8	48.75
May 26, 1961	47.14	Apr. 22, 1963	46.87	Oct. 13	51.38		

424323N1042610, 1. Local number 32-63-33bb. Earl Quigley. Drilled test hole for irrigation water-table well in sandstone of Arikaree Formation, diam 6 in, depth 205 ft, cased to 10. Lsd not available. MP top of casing, at lsd. Highest water level 40.44 below lsd, Oct. 8, 1965; lowest 41.94 below lsd, Oct. 7, 1960. Records available: 1960-65.

May 11, 1960	41.18	Oct. 2, 1961	41.78	Sept. 29, 1962	41.05	Oct. 12, 1964	41.69
Oct. 7	41.94	Mar. 15, 1962	41.58	Apr. 22, 1963	41.33	Apr. 28, 1965	41.70
May 26, 1961	41.48	May 28	41.33	May 6, 1964	41.58	Oct. 8	40.44

424355N1042902, 1. Local number 32-64-24da. Ira Lamb. Drilled irrigation water-table well in sandstone of Arikaree Formation, diam 8 in, depth 58 ft, cased to 30. Lsd not available. MP top of casing, 0.60 ft above lsd. Highest water level 44.60 below lsd, Apr. 22, 1963; lowest 52.32 below lsd, Sept. 23, 1962. Records available: 1960-65.

May 11, 1960	45.43	Oct. 2, 1961	46.44	Sept. 29, 1962	52.32	Oct. 12, 1964	45.95
Oct. 7	46.06	Mar. 15, 1962	45.09	Apr. 22, 1963	44.60	Apr. 28, 1965	45.03
May 26, 1961	47.29	May 28	45.30	May 7, 1964	44.78	Oct. 8	47.26

424637N1043649, 1. Local number 32-65-1cb. A. R. Knudsen. Drilled irrigation water-table well in sandstone of Arikaree Formation, diam 8 in, depth 108 ft, cased to 12. Lsd not available. MP top of casing, 0.20 ft above lsd. Highest water level 19.98 below lsd, May 7, 1964; lowest 21.82 below lsd, Oct. 2, 1961. Records available: 1960-65.

May 11, 1960	21.65	Oct. 2, 1961	21.82	Sept. 29, 1962	20.91	May 7, 1964	19.98
Oct. 7	21.65	Mar. 15, 1962	20.83	Apr. 22, 1963	20.15	Apr. 28, 1965	20.09
May 26, 1961	20.89	May 28	20.60	Sept. 28	20.85	Oct. 8	20.95

431414N1042815, 1. Local number 38-63-30cd2. Johnson Sisters. Drilled irrigation water-table well in sand and gravel of alluvium, diam 30 in, depth 45 ft, cased to bottom with 16-in casing, gravel-packed. Lsd not available. MP top of casing, 1.80 ft above lsd. Highest water level 5.22 below lsd, May 29, 1962; lowest 10.25 below lsd, May 26, 1961. Records available: 1960-65.

May 11, 1960	7.25	Oct. 2, 1961	8.27	Apr. 22, 1963	5.98	Oct. 13, 1964	7.52
Oct. 7	8.16	May 28, 1962	5.22	Sept. 28	6.40	Apr. 26, 1965	7.27
May 26, 1961	10.25	Sept. 29	6.60	May 7, 1964	6.41	Oct. 10	6.65

Park County

442025N1083930, 1. Local number 50-98-5aac. Sheets Flat School. Drilled unused water-table well in alluvium, diam 6 in, depth 42 ft, cased with steel. Lsd about 4,972 ft (previously reported about 4,970 ft) above msl. MP top of casing, 0.90 ft above lsd. Highest water level 11.54 below lsd, Sept. 18, 1962; lowest 20.22 below lsd, May 1, 1957. Records available: 1957-65.

May 22, 1961	19.21	Sept. 18, 1962	11.54	May 12, 1964	18.51	Apr. 21, 1965	18.21
Sept. 26	12.13	Apr. 3, 1963	18.02	Sept. 23	12.42	Oct. 3	13.79
Apr. 25, 1962	18.60						

441750N1084530, 1. Local number 50-99-21aac. William Petersen. Drilled unused artesian well in Willwood Formation, diam 6 in, depth 205 ft, cased with steel. Lsd about 5,300 ft (previously reported 5,280 ft) above msl. MP top of casing, at lsd. Highest water level 65.38 below lsd, Sept. 26, 1963; lowest 74.15 below lsd, May 21, 1960. Records available: 1957-65.

May 22, 1961	72.93	Sept. 18, 1962	66.92	May 12, 1964	70.16	Apr. 21, 1965	70.45
Sept. 20	72.10	Apr. 3, 1963	70.00	Sept. 23	68.14	Oct. 3	67.34
Apr. 25, 1962	69.92	Sept. 26	65.38				

442257N1083539, 1. Local number 51-98-23aad2. Hoover Renner. Dug stock water-table well in alluvium, size 36 × 36 in, depth 20 ft, cased with rock. Lsd about 4,767 ft (previously reported about 4,765 ft) above msl. MP top of board well cover, at lsd. Highest water level 7.98 below lsd, Sept. 17, 1959; lowest 17.60 below lsd, May 22, 1961. Records available: 1957-63. Measurement discontinued. May 22, 1961, 17.60; Sept. 20, 8.42; Sept. 18, 1962, 9.97; Apr. 3, 1963, 14.87.

Platte County

415825N1046855, 1. Local number 23-68-10ddd. School District. Drilled unused water-table well in gravel of terrace deposits, diam 5 in, depth 31 ft, cased with steel. Lsd about 5,005 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 11.03 below lsd, July 22, 1952; lowest 25.42 below lsd, Sept. 26, 1955. Records available: 1948-63. Well destroyed Apr. 4, 1963; measurement discontinued.

Jan. 17, 1961	21.79	Aug. 1, 1961	21.77	Feb. 20, 1962	22.41	July 20, 1962	21.10
Mar. 16	21.78	Sept. 22	21.02	Mar. 20	22.54	Sept. 17	19.93
Apr. 13	21.72	Oct. 17	21.40	Apr. 18	22.78	Dec. 6	20.34
May 16	21.83	Dec. 19	22.00	May 21	21.11	Mar. 13, 1963	21.66
June 15	22.00	Jan. 23, 1962	22.31	June 14	21.44		

415730N1045856, 1. Local number 23-68-15ddd. U. S. Bureau of Reclamation. Drilled observation water-table well in Arikaree Formation, diam 1½ in, depth 602 ft, cased with steel to 232, sand-point, perched water cemented out. Lsd 5,087.8 ft above msl. MP top of casing, 2.90 ft above lsd. Highest water level 52.15 below lsd, Sept. 13, 1960; lowest 71.12 below lsd, June 21, 1965. Records available: 1958-65.

Dec. 11, 1958	56.73	Nov. 14, 1960	54.58	Nov. 27, 1961	66.38	July 12, 1963	66.54
Feb. 5, 1959	56.79	Dec. 13	56.03	Dec. 19	66.58	Sept. 25	65.34
Mar. 24	58.84	Jan. 17, 1961	65.48	Jan. 23, 1962	67.01	Dec. 19	66.05
May 21	54.58	Feb. 15	65.91	Feb. 20	67.41	Mar. 17, 1964	67.48
June 24	62.07	Mar. 16	66.25	Mar. 20	67.76	June 3	68.35
Aug. 11	60.70	Apr. 13	66.53	Apr. 18	68.30	Sept. 11	67.95
Sept. 10	60.18	May 16	67.03	May 21	67.51	Dec. 21	69.04
Oct. 13	59.70	June 15	67.73	June 14	67.23	Mar. 19, 1965	71.04
Dec. 8	60.43	July 13	65.55	July 20	66.87	June 21	71.12
Feb. 16, 1960	61.04	Aug. 15	65.98	Sept. 17	63.93	Sept. 18	67.00
Sept. 13	52.15	Sept. 22	65.95	Dec. 6	64.17	Dec. 20	68.01
Oct. 18	54.90	Oct. 19	66.04	Apr. 4, 1963	66.97		



420511N1050355.1. Local number 24-69-1abd. Owner unknown. Drilled unused water-table well in terrace deposits, diam 6 in, depth unknown, cased with steel. Lsd about 4,690 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 3.62 below lsd, Apr. 4, 1963; lowest 26.04 below lsd, May 14, 1958. Records available: 1948, 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 31, 1948	17.77	Oct. 13, 1959	16.78	Apr. 13, 1961	15.96	July 20, 1962	13.87
May 14, 1958	26.04	Nov. 19	19.10	May 16	15.33	Sept. 17	15.00
July 2	20.62	Feb. 17, 1960	22.35	June 16	10.81	Dec. 6	12.39
Aug. 12	17.71	Apr. 26	21.10	July 14	13.40	Apr. 4, 1963	3.62
Sept. 4	18.07	May 25	21.79	Aug. 16	16.43	July 12	13.25
24	21.03	June 16	20.85	Sept. 22	17.80	Sept. 25	13.40
Oct. 17	15.77	July 18	18.08	Oct. 16	19.19	Dec. 19	14.90
Dec. 18	19.40	Aug. 15	19.58	Nov. 27	18.89	Mar. 17, 1964	10.94
Feb. 5, 1959	20.50	Sept. 13	20.45	Dec. 19	19.52	June 3	16.16
Mar. 24	19.62	Oct. 18	20.32	Jan. 23, 1962	20.41	Sept. 11	18.79
Apr. 22	21.90	Nov. 14	21.90	Feb. 20	18.13	Dec. 21	20.36
May 21	22.20	Dec. 13	22.14	Mar. 20	19.45	Mar. 19, 1965	21.54
June 24	14.52	Jan. 16, 1961	22.56	Apr. 18	20.83	June 21	22.46
Aug. 12	17.08	Feb. 16	22.35	May 21	10.16	Sept. 18	17.19
Sept. 17	15.60	Mar. 16	22.90	June 14	13.80	Dec. 20	17.34

420522N1045631.1. Local number 25-67-31cdcl (previously reported 25-67-31cdc). Ed Preuit. Drilled irrigation water-table well in gravel of terrace deposits, diam 18 in, depth 43 ft, cased with steel to 39, perforated 27-39. Lsd about 4,650 ft above msl. MP hole in pumpbase, 2.00 ft above lsd. Highest water level 15.70 below lsd, Sept. 17, 1959; lowest 24.98 below lsd, Feb. 17, 1960. Records available: 1959-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1961	21.44	Sept. 22, 1961	17.97	Apr. 18, 1962	22.34	June 3, 1964	22.66
Feb. 16	21.66	Oct. 19	18.48	May 21	19.68	Dec. 21	23.49
Mar. 17	22.27	Nov. 28	20.24	Apr. 4, 1963	23.19	Mar. 19, 1965	24.41
Apr. 14	22.51	Dec. 19	20.58	July 12	17.87	June 21	24.72
May 16	22.73	Jan. 24, 1962	21.34	Sept. 25	19.85	Sept. 18	19.55
June 16	22.18	Feb. 20	21.71	Dec. 19	21.10	Dec. 20	20.94
July 14	21.10	Mar. 20	22.04	Mar. 17, 1964	22.44		

420522N1045630.1. Local number 25-67-31cdc2. Ed Preuit. Drilled irrigation water-table well in Arikaree Formation, diam 12 in, depth 512 ft, cased with steel to 155, open hole below. Lsd about 4,652 ft above msl. MP hole in side of casing, 1.00 ft above lsd. Highest water level 35.67 below lsd, Dec. 18, 1958; lowest 50.98 below lsd, Sept. 22, 1961. Records available: 1958-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 3, 1958	36.80	Oct. 18, 1960	b50.24	Oct. 19, 1961	40.53	Sept. 17, 1962	37.83
Oct. 16	36.81	Nov. 15	40.56	Nov. 28	39.01	Dec. 6	35.80
Dec. 18	35.67	Dec. 14	39.27	Dec. 19	38.65	Apr. 4, 1963	39.20
Feb. 5, 1959	36.00	Jan. 17, 1961	39.10	Jan. 24, 1962	39.34	Dec. 19	39.36
Apr. 22	37.22	Feb. 16	38.93	Feb. 20	38.76	Mar. 17, 1964	39.30
May 22	37.24	Mar. 17	39.10	Mar. 20	38.90	Dec. 21	41.96
June 25	b43.45	Apr. 14	39.13	Apr. 18	39.45	Mar. 19, 1965	41.46
Oct. 13	37.47	May 16	42.48	May 21	38.74	Sept. 18	50.92
Nov. 20	36.12	June 16	44.70	June 14	38.01	Dec. 20	39.17
Feb. 17, 1960	39.00	Sept. 22	50.98	July 20	38.62		

b Well pumped recently.

421711N1050318.1. Local number 27-68-30acc. M. L. Coleman. Drilled irrigation water-table well in sand and gravel of alluvium, diam 4 in, depth 22 ft, cased to 17. Lsd about 4,795 ft above msl. MP top of well casing, 0.40 ft above lsd. Highest water level 6.22 below lsd, June 23, 1952; lowest 10.59 below lsd, Sept. 21, 1956. Records available: 1948-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 16, 1961	9.85	Sept. 15, 1962	9.36	May 13, 1964	9.45	Apr. 19, 1965	9.83
Sept. 18	9.33	Apr. 12, 1963	9.58	Oct. 12	9.64	Oct. 5	9.31
Apr. 23, 1962	9.62	Sept. 25	9.85				

422433N1045707.1. Local number 28-68-12dde. W. H. Johnson. Drilled observation water-table well in gravel of alluvium, diam 1 in, depth 55 ft, cased with steel pipe to 42, perforated 39-42. Lsd about 4,489 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 22.24 below lsd, Sept. 25, 1963; lowest 24.75 below lsd, Oct. 17, 1961. Records available: 1961-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 24, 1961	22.96	Mar. 7, 1962	24.62	July 13, 1962	24.07	May 13, 1964	24.24
Oct. 17	24.75	14	24.68	Aug. 14	22.91	Oct. 12	22.64
Nov. 28	24.35	Apr. 6	24.65	Sept. 15	22.57	Apr. 19, 1965	24.55
Dec. 26	24.47	May 4	24.33	Apr. 12, 1963	24.59	Oct. 5	22.72
Jan. 29, 1962	24.68	June 11	23.69	Sept. 25	22.24		

422355N1050238.1. Local number 28-68-17cbc. W. H. Johnson. Drilled observation water-table well in Arikaree Formation, diam 1 in, depth 191 ft, cased with steel to 160, perforated. Lsd about 4,923 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 33.16 below lsd, July 5, 1961; lowest 50.83 below lsd, Oct. 5, 1965. Records available: 1961-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 5, 1961	33.16	Mar. 7, 1962	34.06	July 13, 1962	35.85	Sept. 25, 1963	38.58
Aug. 24	33.17	Apr. 6	37.03	Aug. 13	37.28	May 13, 1964	46.13
Oct. 17	33.22	14	37.65	Sept. 15	38.86	Sept. 11	48.67
Nov. 28	33.28	May 4	37.79	Mar. 12, 1963	36.27	Apr. 19, 1965	49.84
Dec. 26	33.25	June 11	34.38	Apr. 5	36.27	Oct. 5	50.83
Jan. 29, 1962	33.59						

422241N1045941.1. Local number 28-68-27abb. D. W. Brown. Drilled unused water-table well in sandstone of Brule Formation, diam 6 in, depth 58 ft, cased to 12. Lsd about 4,670 ft above msl. MP top of casing, 6.10 ft below lsd. Highest water level 22.64 below lsd, Mar. 27, 1951; lowest 31.18 below lsd, Sept. 16, 1949. Records available: 1949-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 16, 1961	27.80	Sept. 15, 1962	30.40	May 13, 1964	27.99	Apr. 19, 1965	29.95
Sept. 18	30.96	Apr. 12, 1963	28.05	Oct. 12	31.09	Oct. 5	28.35
Apr. 23, 1962	27.98	Sept. 25	28.34				

422231N1045944.1. Local number 28-68-27abc. D. W. Brown. Dug domestic and irrigation water-table well in gravel of alluvium, size 4 × 5 ft, depth 12 ft, cribbed with wood and rock. Lsd about 4,660 ft above msl. MP concrete inside door to well house, 2.30 ft above lsd. Highest water level 2.75 below lsd, May 13, 1964; lowest 8.76 below lsd, Sept. 16, 1949. Records available: 1949-65.

Date		Water level	Date		Water level	Date		Water level
May 16, 1961	3.22	Sept. 15, 1962	4.73	May 13, 1964	2.75	Apr. 19, 1965	2.98	
Sept. 18	5.42	Apr. 12, 1963	3.37	Oct. 12	4.78	Oct. 5	4.58	
Apr. 23, 1962	3.00	Sept. 25	4.03					

May 16, 1961	6.37	July 13, 1962	8.23	Apr. 12, 1963	8.45	Oct. 12, 1964	8.74
Apr. 6, 1962	7.29	Aug. 14	8.37	Sept. 25	7.85	Apr. 19, 1965	8.75
May 4	7.10	Sept. 15	8.00	May 13, 1964	6.36	Oct. 5	8.85
June 11	6.80						

June 7, 1961	19.43	Dec. 26, 1961	13.65	Apr. 6, 1962	15.31	June 11, 1962	19.79
Sept. 22	18.85	Jan. 29, 1962	15.13	May 4	16.16	July 13	14.50
Oct. 18	18.88	Mar. 7	15.34	5	16.16	Aug. 7	19.01
Nov. 29	14.30						

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	19.22	18.55	13.35	14.17
10	.....	.....	.....	.....	.....	.....	.....	.....	19.24	15.32	13.12	14.05
15	.....	.....	.....	.....	.....	.....	.....	16.62	19.47	14.58	13.05	13.96
20	.....	.....	.....	.....	.....	.....	.....	17.70	19.37	14.15	12.81	14.11
25	.....	.....	.....	.....	.....	.....	.....	18.78	19.34	13.99	13.07	14.07
Eom	.....	.....	.....	.....	.....	.....	.....	19.30	19.10	13.65	13.84	13.99

1963												
5	14.08	14.71	14.62	14.57	14.22	13.96	14.88	14.48	14.04	11.54	13.59	14.75
10	13.82	14.63	14.38	14.46	14.40	13.95	14.48	14.57	14.05	11.36	14.24	14.67
15	14.00	14.65	14.23	14.24	14.13	14.62	14.35	14.65	13.96	11.16	14.21	14.80
20	14.19	14.62	14.69	14.24	14.29	14.57	14.38	14.44	13.13	10.86	14.39	14.76
25	14.42	14.73	14.75	14.38	13.82	14.20	14.18	14.21	12.47	11.63	14.89	14.79
Eom	14.38	14.65	14.48	14.35	14.02	14.23	14.25	14.24	11.91	13.18	14.84	14.93

1964												
5	14.98	14.93	14.77	14.18	14.15	15.15	16.00	18.35	17.69	17.77	17.58	17.85
10	14.82	14.93	15.00	14.44	14.62	15.47	16.33	18.37	17.92	17.38	17.20	17.61
15	14.94	14.93	15.05	14.48	14.68	15.60	16.97	18.53	17.68	17.37	17.60	17.44
20	14.70	14.76	15.24	14.30	14.81	15.78	17.63	18.56	17.56	17.65	17.45	17.65
25	14.88	14.92	15.12	14.10	14.94	15.33	17.95	18.26	17.30	17.44	17.33	17.35
Eom	14.84	14.87	14.83	14.35	14.99	15.98	17.98	17.71	17.45	17.47	17.70	17.45

1965												
5	17.50	17.52	17.85	17.60	17.52	16.86	16.17	15.88	16.49	14.90	14.18	13.70
10	17.63	17.58	17.63	17.40	17.67	16.73	16.12	16.48	16.43	14.85	13.99	13.40
15	17.70	17.72	17.62	17.95	17.27	16.50	16.10	16.42	16.14	14.35	13.71	13.41
20	17.55	17.59	17.77	17.82	17.00	16.55	15.95	15.85	16.12	14.62	13.73	13.40
25	17.42	17.67	17.63	17.89	16.82	16.17	16.02	15.85	15.90	14.46	13.52	.....
Eom	17.41	17.48	17.76	17.88	16.78	16.35	15.94	16.42	15.13	14.35	13.71	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 5, 1961	8.67	Jan. 29, 1962	8.86	July 13, 1962	8.62	Dec. 19, 1963	9.25
25	8.72	Mar. 7	8.87	Aug. 7	8.76	May 13, 1964	7.38
Aug. 11	8.81	Apr. 6	8.42	14	8.89	Sept. 11	9.28
Oct. 16	8.92	May 4	8.09	Sept. 15	9.00	Apr. 19, 1965	8.85
Nov. 29	8.89	June 11	7.80	Apr. 12, 1963	8.70	Oct. 5	8.16
Dec. 26	8.90						

Apr. 6, 1960	45.15	May 31, 1960	50.86	Aug. 12, 1960	58.09	Oct. 3, 1960	53.97
May 2	46.03	July 19	57.03	Sept. 2	56.79	Nov. 2	50.66

[illegible]

443833N1062240.1--Continued.

1961											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	45.39	47.20	45.55	45.64	45.85	48.09	e54.20	56.36	.....	.....	.....
10	45.37	46.84	45.46	45.75	45.71	50.03	55.25	57.20	.....	.....	.....
15	45.02	46.32	45.40	45.42	46.44	49.87	.....	.....	.....	.....	.....
20	47.78	46.18	45.38	45.62	45.56	50.50	e55.20	.....	.....	.....	.....
25	47.57	45.95	45.21	45.44	45.73	52.01	55.15	.....	.....	.....	.....
Eom	47.33	45.93	45.40	45.65	46.35	53.13	55.92	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 5, 1961	56.87	June 24, 1962	44.66	Sept. 25, 1963	50.65	Apr. 20, 1965	41.83
Oct. 21	51.27	Sept. 26	50.72	May 8, 1964	41.92	Oct. 2	45.37
Mar. 22, 1962	46.44	Apr. 3, 1963	43.59	Sept. 22	49.01		

443815N1063522.1. Local number 54-81-14bc2, ULM School, Drilled unused water-table well in coal of Wasatch Formation, diam 4 in, depth 121 ft, finish unknown. Lsd not available. MP hole in plate over casing, 1.30 ft above lsd. Highest water level 58.86 below lsd, Apr. 20, 1965; lowest 61.80 below lsd, June 27, 1961. Records available: 1961-65.

June 13, 1961	61.34	Mar. 25, 1962	60.29	Apr. 3, 1963	59.51	Sept. 22, 1964	60.16
27	61.80	June 20	60.00	Sept. 25	60.11	Apr. 20, 1965	58.86
Sept. 7	61.16	Sept. 26	60.08	May 8, 1964	59.74	Oct. 2	59.59

445717N1070004.1. Local number 58-87-35cal. M. E. Hayworth, Dug unused water-table well in alluvium, diam 8 ft, depth 34 ft, cribbed. Lsd not available. MP top of 1-in boards over well, 4.00 ft below lsd. Highest water level 8.35 below lsd, Oct. 2, 1965; lowest 16.90 below lsd, Sept. 7, 1961. Records available: 1960-65.

May 2, 1960	9.51	Nov. 1, 1960	14.35	May 30, 1961	14.49	Sept. 26, 1962	13.60
June 17	10.36	Jan. 4, 1961	14.37	June 27	15.18	Apr. 3, 1963	10.28
July 20	12.13	Feb. 3	14.38	July 27	16.00	Sept. 25	11.05
Aug. 8	13.01	Mar. 7	14.28	Sept. 7	16.90	May 8, 1964	6.61
Sept. 7	13.91	31	14.46	Oct. 22	16.85	Sept. 21	8.54
Oct. 4	14.38	May 1	14.43	June 20, 1962	11.07	Oct. 2, 1965	8.35

## Sublette County

430106N1100601.1. Local number 35-111-8db. Mrs. Elberta E. Smith, Dug observation water-table well in alluvium, size 10 x 10 ft to 14 ft, 4 x 4 ft to 32 ft, depth 32 ft, cribbed with concrete to 32. Lsd about 7.495 ft above msl. MP top of auxiliary pipe, 2.10 ft above lsd. Highest water level 20.44 below lsd, Aug. 15, 1964; lowest 29.78 below lsd, May 12, 1945. Records available: 1942-65. Measurement discontinued. Replaced by well 35-111-8adb.

Jan. 16, 1961	27.98	Jan. 12, 1962	27.18	Feb. 25, 1963	28.67	June 15, 1964	26.94
Feb. 7	28.41	Feb. 13	27.40	Apr. 1	29.02	July 11	23.83
Mar. 11	28.89	Mar. 8	27.85	May 2	29.19	Aug. 15	20.44
Apr. 19	29.23	Apr. 19	27.95	June 6	27.98	Sept. 15	21.93
May 12	29.14	June 27	21.87	Aug. 28	22.37	Oct. 8	23.40
June 21	26.67	Aug. 8	21.99	Oct. 7	23.47	Nov. 16	24.47
Aug. 25	24.30	11	22.18	Nov. 6	24.63	Dec. 25	25.30
Oct. 4	23.94	Sept. 12	23.34	Dec. 9	26.08	Jan. 13, 1965	25.97
15	24.47	Oct. 12	24.99	Apr. 15, 1964	28.64	Feb. 11	26.38
Nov. 15	25.64	Nov. 30	26.96	May 15	28.66	Mar. 19	28.70
Dec. 13	26.52	Jan. 21, 1963	28.19				

430118N1100710.1. Local number 35-111-8adb. U.S. Geol. Survey. Augured observation water-table well in alluvium at edge of Green River valley, 6-in auger hole, diam 1 in, depth 39 ft, slotted pipe 30-39. Lsd about 7.500 ft above msl. MP top of pipe, 3.00 ft above lsd. Highest water level 4.65 below lsd, Apr. 27, 1965; lowest 6.30 below lsd, Aug. 17, 1965. Records available: 1965. Replacement well for 35-111-8db.

Apr. 27, 1965	4.65	June 25, 1965	5.83	Aug. 17, 1965	6.30	Nov. 2, 1965	6.12
May 21	5.69	July 23	6.08	Sept. 29	5.88	Dec. 4	6.10

## Uinta County

411831N1101531.1. Local number 15-114-3cbe. David Peterson. Drilled unused artesian well in Bridger(?) Formation, diam 6 in, depth 45 ft, cased with steel. Lsd not available. MP top of casing, at lsd. Highest water level 14.81 below lsd, June 13, 1957; lowest 23.45 below lsd, Apr. 9, 1959. Records available: 1957-65.

May 2, 1961	21.67	Sept. 20, 1962	20.34	May 5, 1964	21.93	Apr. 2, 1965	20.43
Sept. 22	21.99	Mar. 28, 1963	22.70	Oct. 8	20.48	Oct. 5	16.95
Apr. 7, 1962	23.08	Sept. 23	20.72				

411725N1101528.1. Local number 15-114-10ccc. Gus Becker. Dug stock water-table well in alluvium of Lyman terrace, diam 4 ft, depth 17 ft, cribbed with wood. Lsd not available. MP top of board cover, at lsd. Highest water level 0.05 above lsd, May 5, 1964; lowest 3.69 below lsd, Sept. 20, 1962. Records available: 1957-64. Measurement discontinued. May 2, 1961, 0.65; Sept. 22, 1.58; Apr. 7, 1962, 0.79; Sept. 20, 3.69; Mar. 28, 1963, 0.12; Sept. 23, 1.19; May 5, 1964, +0.05.

411600N1102433.1. Local number 15-115-20cba. School District (name and/or number unknown). Dug unused water-table well in alluvium of terrace along Blacks Fork, diam 24 in, depth 17 ft, cased with tile. Lsd not available. MP top of concrete cover, 1.00 ft above lsd. Highest water level 0.04 below lsd, June 13, 1957; lowest 11.34 below lsd, Mar. 28, 1963. Records available: 1957-65.

May 2, 1961	10.38	Sept. 20, 1962	7.60	May 5, 1964	9.69	Apr. 2, 1965	9.95
Sept. 22	8.38	Mar. 28, 1963	11.34	Oct. 8	8.12	Oct. 5	6.15
Apr. 7, 1962	10.43	Sept. 23	6.91				

411543N1102319.2. Local number 15-115-21cdt2. E. R. Hamblin. Dug stock water-table well in alluvium of Lyman terrace, diam 16 in, depth 103 ft, cribbed with wood. Lsd not available. MP top of board cover, 1.00 ft above lsd. Highest water level 0.34 below lsd, June 4, 1960; lowest 6.45 below lsd, Oct. 10, 1960. Records available: 1957-64. Measurement discontinued. May 2, 1961, 1.65; Sept. 22, 4.94; Apr. 7, 1962, 4.38; Sept. 20, 4.30; Mar. 28, 1963, 8.84; Sept. 23, 3.54; May 5, 1964, 1.55.

411609N1102051.1. Local number 15-115-23bdd. Mike Fenus. Dug unused water-table well in alluvium of flood plain, diam 24 in, depth 5 ft, oil drum used for casing. Lsd not available. MP top of casing, 1.00 ft below lsd. Highest water level 0.00, June 13, 1957; lowest 4.81 below lsd, Sept. 29, 1958. Records available: 1957-64. Measurement discontinued. May 2, 1961, 2.83; Sept. 22, 2.68; Apr. 7, 1962, 1.82; Sept. 20, 3.88; Mar. 28, 1963, 2.97; Sept. 23, 3.48; May 5, 1964, 1.91.

410619N1101922.1. Local number 15-115-24bad. Owner unknown. Drilled unused water-table well in alluvium of flood plain, diam 12 in, depth 7 ft, cased with tile. Lsd not available. MP top of clay tile casing, 1.30 ft above lsd (since Oct. 8, 1964). Highest water level 1.20 below lsd, Apr. 24, 1957; lowest 5.25 below lsd, Sept. 29, 1958. Records available: 1957-65.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 2, 1961	3.00	Sept. 20, 1962	4.67	May 5, 1964	2.95	Apr. 21, 1965	2.12
Sept. 22	4.29	Mar. 28, 1963	2.47	Oct. 8	4.09	Oct. 5	2.03
Apr. 7, 1962	2.26	Sept. 23	4.28				

412004M1101430.2. Local number 16-114-27ddd2. Keith Maxfield. Dug stock water-table well in alluvium of Lyman terrace, diam 36 in, depth 13 ft, casing unknown. Lsd not available. MP bottom of pumpbase, 1.00 ft above lsd. Highest water level 1.32 below lsd, June 13, 1957; lowest 11.74 below lsd, Mar. 28, 1963. Records available: 1957-65.

May 2, 1961	9.95	Sept. 20, 1962	7.27	May 5, 1964	9.07	Apr. 21, 1965	8.24
Sept. 22	7.34	Mar. 28, 1963	11.74	Oct. 8	6.93	Oct. 5	2.15
Apr. 7, 1962	10.30	Sept. 23	4.49				

411945N1101751.1. Local number 16-114-32bb. Frank Blackner. Dug unused water-table well in alluvium of Lyman terrace, diam 36 in, depth 12 ft, cribbed with rock. Lsd not available. MP top of board cover, at lsd. Highest water level 1.24 below lsd, Aug. 13, 1957; lowest 14.42 below lsd, Oct. 10, 1960. Records available: 1957-64. Measurement discontinued. May 2, 1961, 8.85; Sept. 22, 9.88; Apr. 17, 1962, 6.70; Sept. 20, 7.73; Sept. 23, 1963, 8.30; May 5, 1964, 7.50.

412248N110203.1. Local number 16-121-11ac. Elwin Sessions. Dug domestic water-table well in terrace deposits, diam 48 in, depth 34 ft, cribbed with rock. Lsd about 6,575 ft above msl. MP top of concrete platform, at lsd. Highest water level 14.95 below lsd, June 4, 1960; lowest 27.40 below lsd, Apr. 7, 1962. Records available: 1955-65.

May 2, 1961	17.69	Sept. 20, 1962	21.38	May 7, 1964	21.67	Apr. 21, 1965	21.26
Sept. 21	21.58	Mar. 27, 1963	23.66	Oct. 8	23.56	Oct. 6	23.80
Apr. 7, 1962	27.40	Sept. 23	18.84				

412058N110029.1. Local number 16-121-24ad. Salmela Bros. Dug stock water-table well in alluvium, diam 27 in, depth 10 ft, cased with iron. Lsd about 6,560 ft above msl. MP top of platform, 0.50 ft above lsd. Highest water level 3.53 below lsd, June 15, 1956; lowest 13.40 below lsd, Oct. 9, 1960. Records available: 1955-65.

May 2, 1961	6.83	Sept. 20, 1962	5.56	May 6, 1964	6.52	Apr. 21, 1965	5.90
Sept. 21	7.35	Mar. 27, 1963	7.58	Oct. 8	8.10	Oct. 6	5.55
Apr. 7, 1962	5.88	Sept. 23	6.56				

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