

Water Levels and Artesian Pressures in Observation Wells in the United States 1954

Part 4. South-Central States

Prepared under the direction of A. N. SAYRE, Chief, Ground Water Branch

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*Prepared in cooperation with the States
of Arkansas, Louisiana, Oklahoma,
and Texas, and with other agencies*



UNITED STATES DEPARTMENT OF THE INTERIOR

Fred A. Seaton, *Secretary*

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PREFACE

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WATER LEVELS AND ARTESIAN PRESSURES
IN OBSERVATION WELLS IN THE UNITED STATES
IN 1954

Part 4. SOUTH-CENTRAL STATES

INTRODUCTION

By A. N. Sayre

The publication of records of water levels and artesian pressures annually in the United States was begun by the Geological Survey in 1935. Prior to 1940 the records for each year were published in a single volume--1935, 777; 1936, 817; 1937, 840; 1938, 845; 1939, 886. Since 1940 records have been published in six annual volumes, covering the northeastern, southeastern, north-central, south-central, northwestern, and southwestern sections of the country. Hawaii is included in the southwestern section. The following table gives the numbers of Water-Supply Papers from 1940 through 1954.

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	1018	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

The objectives of the observation-well program are to provide a day-to-day evaluation of available ground-water supplies, to facilitate the prediction of trends in ground-water levels that will indicate the probable status of important ground-water supplies in the future, to delineate present or potential areas of detrimentally high or low ground-water levels, to aid in the prediction of the base flow of streams, to determine the several forces that act on a ground-water body, and to demonstrate the interplay of those forces in the ground-water regimen, to furnish information for use in basic research, and to provide long-term continuous records of fluctuations of water levels in representative wells. These selected records serve as a framework to which many short-term records collected during an intensive investigation may be related.

Water levels in wells are seldom stationary but move up or down a fraction of an inch or many feet within a short time. Water-table wells may be influenced by direct recharge from precipitation, withdrawals from wells or springs, transpiration by vegetation, evaporation from the soil, and changes in atmospheric pressure. Artesian wells are influenced over large areas by changes in the rate of pumping from other wells, changes in atmospheric pressure, earthquakes, ocean tides, earth tides, and recharge from precipitation, although the recharge may not be noticeable immediately. When accurate comparisons of water levels are made it is desirable to apply corrections for these influences, several of which may be compensating or additive according to the conditions at those particular times.

Water-level measurements are given in feet with reference to land-surface datum or sea-level datum. Land-surface datum is a precise datum plane that is approximately at land surface at each well. Mean sea level (msl) is the datum plane on which the national network of precise levels is based. When some measurements in a table are above and others are below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Readings between minus signs are below the plane of reference and those between plus signs are above the plane of reference.

For the most part, discussions of precipitation in this report are based on data furnished by the United States Weather Bureau.

Measurements of water levels and artesian pressures in wells were made under the direction of the district supervisors of the Ground Water Branch in the several States.

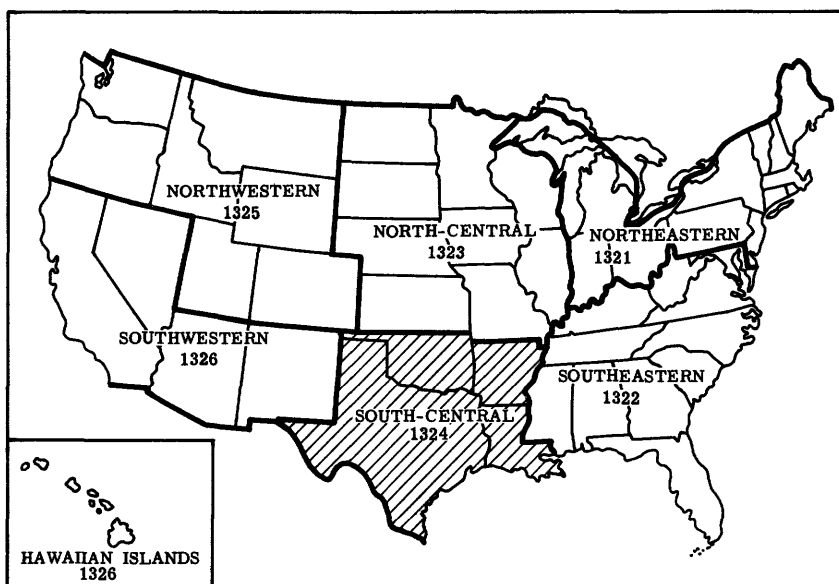


Figure 1.--Outline map of the United States showing areas included in each of the six water-supply papers on water levels and artesian pressures in observation wells in 1954. The shaded area indicates the States included in this volume.

Verda M. Dougherty was responsible for the compilation of the report and Rodney Hart edited the illustrations.

ARKANSAS

By Joe Edds and J. W. Stephens

Scope of Water-Level Program

The observation-well program was continued in Arkansas in 1954 in cooperation with the State Agricultural Experiment Station, the Federal Land Bank of St. Louis, and the Division of Geology of the Arkansas Resources and Development Commission. Figure 2 shows the location of observation wells in 12 counties in northeast Arkansas. Figure 3 shows the location of observation wells in southern Arkansas. Well descriptions and water-level measurements for 4 of the 7 wells equipped with recording gages and for 29 of the 98 wells measured monthly are included in this report. About 300 of the 800 other measurements made in 1954 were used in the preparation of the report. The change in water levels in the Grand Prairie region shown on figure 4 is based on annual measurements in 180 observation wells. The changes in water levels in 42 wells in northeast Arkansas and in 71 wells in southern Arkansas listed in tables 1 and 2 are based on measurements made at irregular intervals.

Table 1. --Change in water levels April 1953 to April 1954 in northeast Arkansas

Well number	Change in water level (+ rise) (- decline)	Well number	Change in water level (+ rise) (- decline)
1S5W-9bcb1	-19.73	11N2W-15baa1	-3.44
1S5W-20abb1	-4.65	11N3E-31aaa1	-1.00
2N3W-13dcd1	-2.45	12N2W-25abb1	-2.23
2N3W-13cbb1	-3.15	12N2E-15bbb1	+ .14
2N7W-22daa1	-1.88	12N2E-28dcc1	- .97
2N9W-36aab1	-2.51	13N1W-20abc1	-2.40
3N1W-14aab1	+1.08	13N1W-21bbb1	-2.06
4N1W-4bbb1	- .71	13N2E-1baa1	- .80
4N1W-28cdd1	-1.18	13N2E-3bbb1	-1.17
4N1W-35bbd1	-1.49	13N2E-24cbb1	-6.23
7N1E-5cad1	-1.15	13N2E-35ccc1	- .01
8N1W-5cdc1	-3.13	13N3E-8aaa1	-3.20
8N3W-20caa1	-1.30	14N2E-15add1	-1.36
9N1E-15bdd1	+ .97	15N3E-18ddd2	-1.67
9N1E-21bab1	-1.09	16N1E-11dba1	-1.33
10N1E-27bab1	-2.17	17N2E-27bba1	-1.98
11N1E-22cbc1	-1.32	19N4E-11bbd1	-1.53
11N1E-29aab1	-1.75	20N4E-4aab1	-1.90
11N1E-36ccd1	-1.86	20N5E-34dba1	-2.44
11N2E-12aad1	-1.04	21N4E-23daa1	-2.86
11N2E-30bab1	-1.67	21N4E-23acb1	-2.68

Table 2. --Change in water levels April 1953 to April 1954 in southern Arkansas

Well number	Change in water level (+ rise) (- decline)	Well number	Change in water level (+ rise) (- decline)
3S5W-3bbb1	-0.55	8S4W-31cbb1	-2.11
3S7W-24bcc1	- .85	8S5W-5dbd1	-7.55
4S7W-9bab1	-4.64	8S5W-5cdd1	-4.22
4S7W-18ddd1	-3.60	8S6W-3ccc1	-4.46
4S8W-2aab1	-1.66	8S6W-6aba1	-2.54
4S8W-35bbd2	-2.06	8S6W-16bbb1	-7.09
6S7W-30ccc1	-2.98	8S6W-17dda1	-7.73
6S7W-31aca1	-3.17	9S3W-10ddd1	-1.74
6S8W-23cba1	-3.20	9S3W-18ddd1	-2.39
6S8W-24ccc1	-3.09	9S3W-20ccc1	-1.51
6S8W-26abb1	-3.25	9S4W-6bbc1	-1.53
6S8W-28cdc1	-2.71	9S4W-6daa1	-1.65
7S6W-33dca1	-4.30	9S4W-30aaa1	1.28
8S3W-33cdd1	-4.84	10S2W-21bcc1	-1.66
8S4W-7cdd1	-3.11	10S2W-27aaa1	-1.02

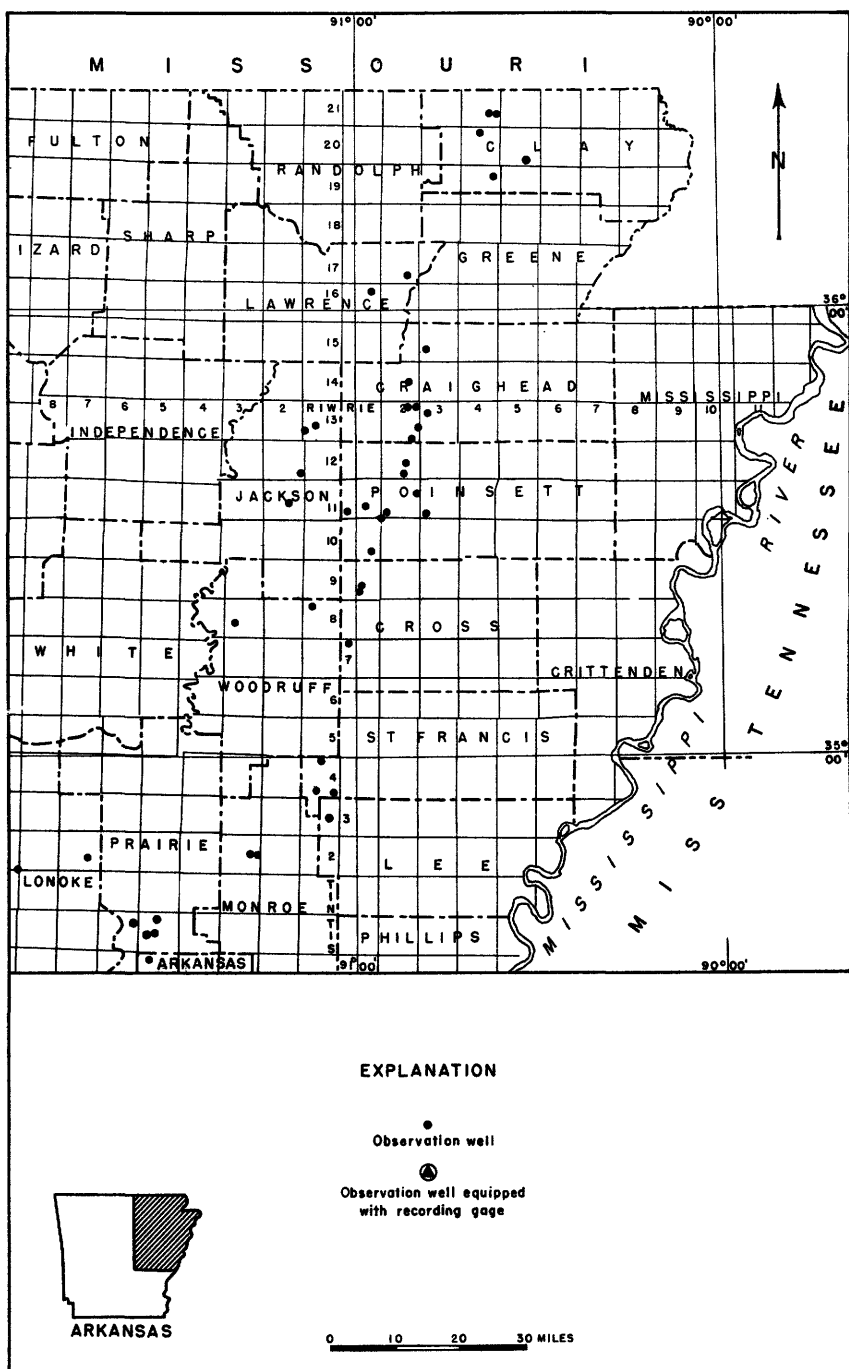


Figure 2. --Location of observation wells in northeast Arkansas, 1954.

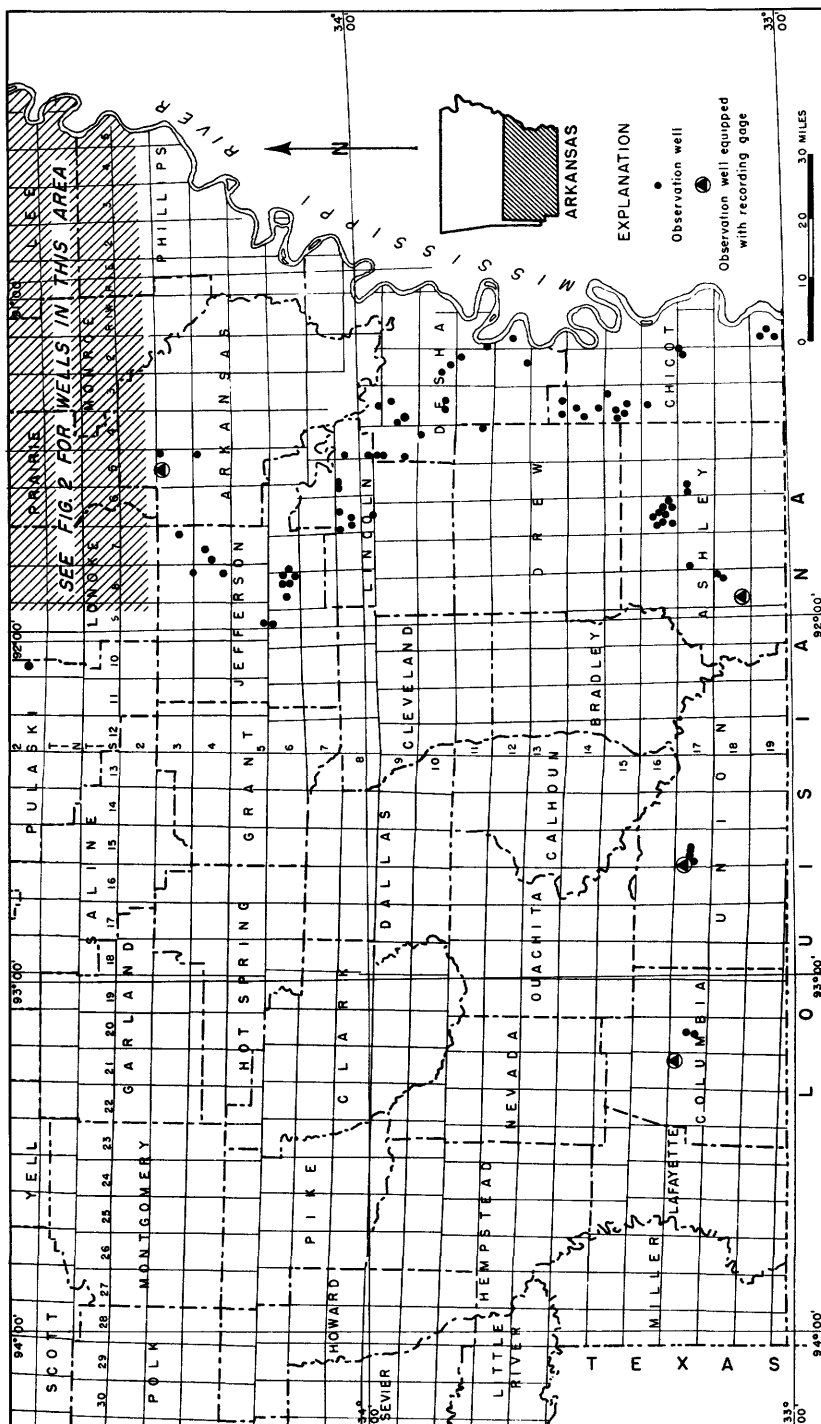


Figure 3. --Location of observation wells in southern Arkansas, 1954.

Table 2. --Change in water levels April 1953 to April 1954 in southern Arkansas--Cont'd.

Well number	Change in water level (+ rise) (- decline)	Well number	Change in water level (+ rise) (- decline)
10S3W-27bdd1	-1.73	16S6W-22aac1	+3.97
10S3W-28bbb1	-1.57	16S6W-23bcc1	-.94
10S4W-2bba1	-2.77	16S6W-26abc1	-1.06
11S1W-30cba1	-1.73	16S6W-26bda1	-.41
11S2W-3bab1	-1.77	16S6W-27abb1	-7.99
11S4W-25dab1	-2.29	16S6W-28ddd1	-2.09
12S1W-20ddd1	-3.66	16S6W-33acb1	-.98
12S2W-34ccc1	-3.67	17S2W-1cba2	-.28
13S3W-32ddd1	-1.96	17S2W-1cba1	-2.25
13S3W-34baa1	-1.50	17S5W-7baa1	-.95
14S3W-9bbb1	-1.66	17S5W-7aaa1	-.90
14S3W-17bcc1	-.84	17S7W-8bab1	-.88
14S3W-32bcd1	+.91	17S15W-17dad1	-20.41
15S3W-3cbb1	-.46	17S15W-17dbb1	-19.63
15S3W-17cbb1	-.71	17S15W-18dcc1	-12.45
15S3W-18cbb1	-1.10	18S8W-1dab1	-.55
15S3W-20bbb1	-5.23	18S8W-29bcd1	-1.96
15S3W-22cbc1	-1.48	19S1W-8bdb1	-5.46
16S3W-15dac1	-6.78	19S1W-21aaa1	+7.50
16S6W-16dad1	-.72	19S1W-29ddd1	-6.63
16S6W-16dcc1	-2.39		

Water-level measurements made in connection with detailed investigations are included in the reports of such investigations. In 1954 the investigation of ground-water conditions in Chicot County was completed and those begun in Desha, Drew, and Lincoln Counties in 1952 were continued. An investigation of the northern Grand Prairie region (White, Lonoke, and Prairie Counties) was begun in 1954.

Precipitation

The years 1952, 1953, and 1954 were drought years in Arkansas. Although the 1954 yearly precipitation was below normal, the severeness of the drought resulted largely from the extreme deficiency of rainfall during the growing season. The total precipitation for the year at Little Rock, which is about average for the State, was 37.82 inches. This was 9.56 below the normal of 47.38 for that station. The June precipitation for the State averaged 1.28 inches, 2.83 inches below normal; July averaged 1.55 inches, 2.19 inches below normal; and August averaged 1.53 inches, 2.06 inches below normal. The 1954 yearly precipitation for the State averaged about 80 percent of normal, but the monthly precipitation for June, July, and August averaged only about 40 percent of normal.

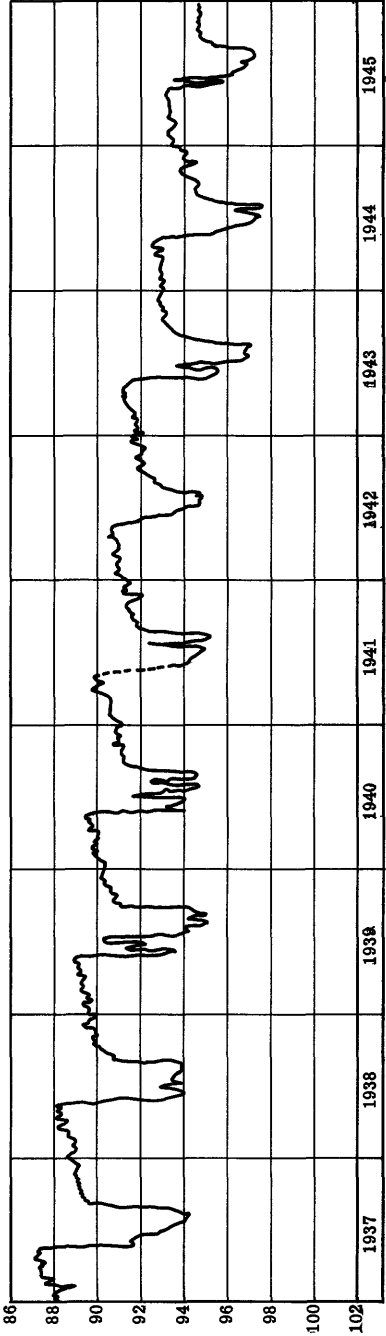
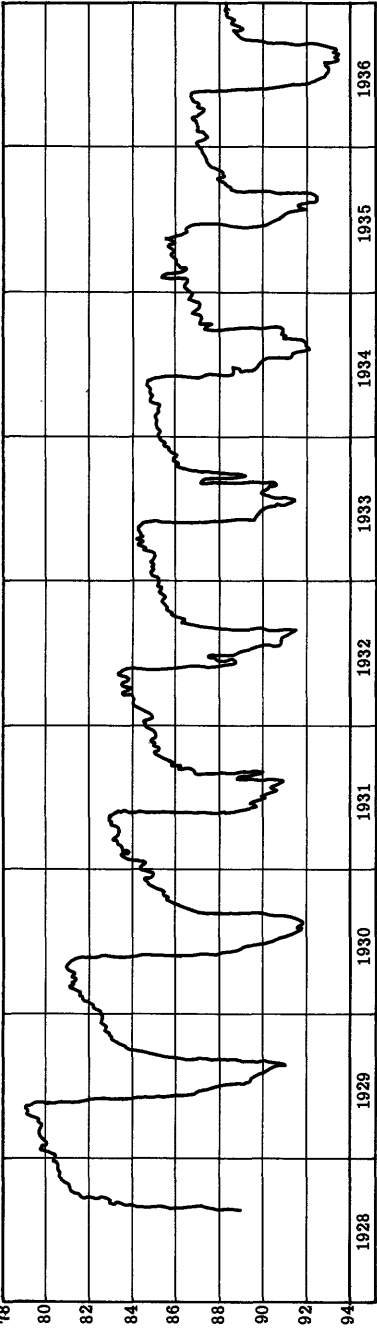
The relatively impermeable clay that overlies the aquifer of Quaternary age prevents the direct penetration of rainfall at the sites of many of the wells. For this reason, there is a lag in the rise of water levels in some wells in response to periods of heavy rainfall, because the water must flow laterally from adjacent recharge areas. Water levels rise or decline in wells as a result of abundant or deficient rainfall during the growing season and the consequent decrease or increase in pumping.

Pumpage

No estimate of the total amount of water pumped from wells in Arkansas was made in 1954. On the basis of known increases and earlier estimates, it seems likely that the daily rate averaged over the year would be about 1 billion gallons. In 1952, when the latest estimate was made, the rate was about 865 mgd (million gallons per day). In 1945, the rate was about 525 mgd. Thus, the rate of pumping increased about 60 percent from 1945 to 1952 and the rate of increase is still accelerating. The greatest use of ground water for irrigation was in the Gulf Coastal Plain area, which is in the southeastern half of the State, for the irrigation of rice. Supplemental irrigation of other crops is increasing throughout the State. Oil refineries, paper mills, and other industries are using greater amounts of ground water, particularly in the central and southern parts of the State.

Interpretation of Water-Level Fluctuations

Fluctuations of water levels in wells are caused by changes in storage in the ground-water reservoir as the rates of recharge and discharge vary from season to season and from year to year. As withdrawal is increased, the water levels decline, whether the increase is obtained by withdrawing more water from one well or by withdrawing from many wells. The added draft may be supplied by the diversion of natural discharge or an increase in natural recharge, or both.



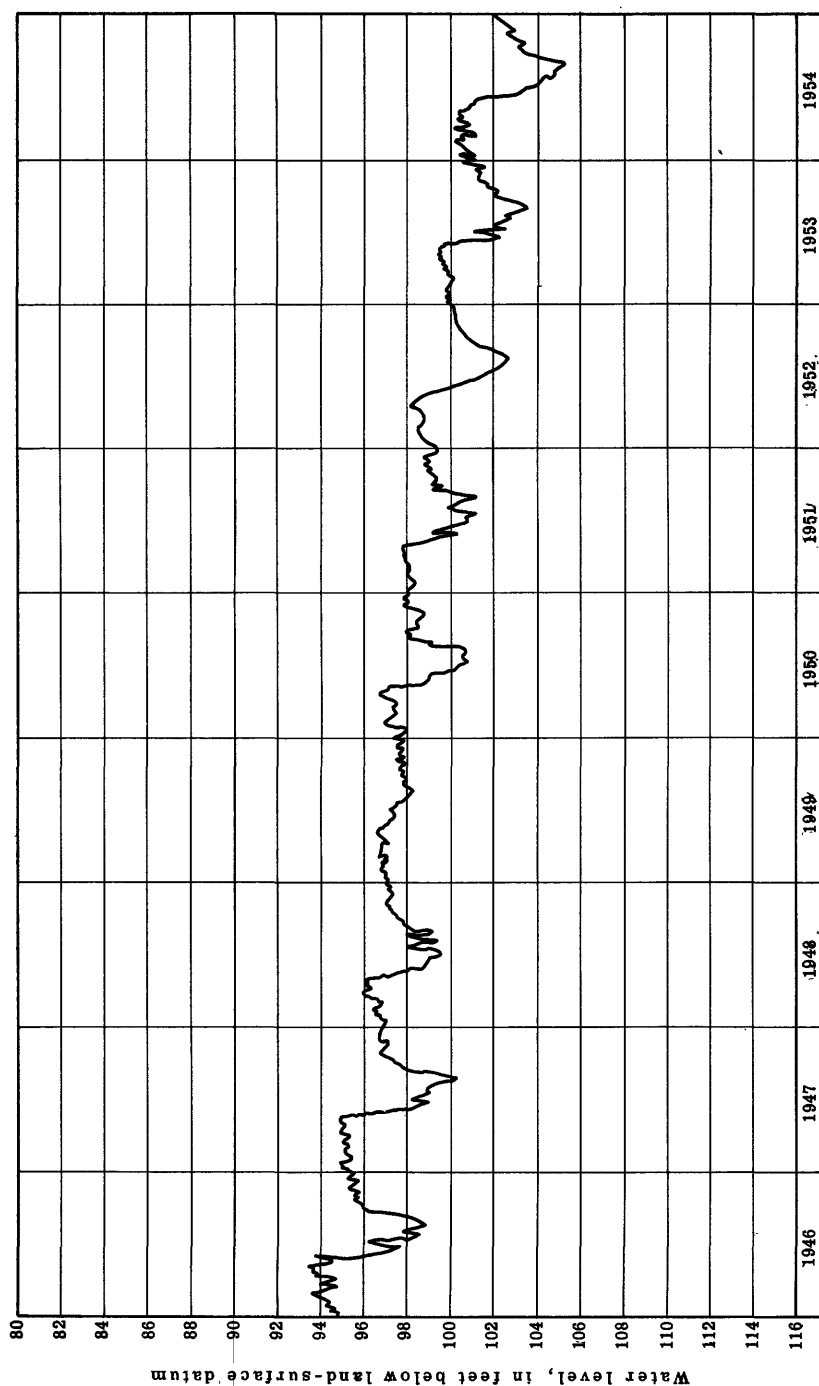


Figure 5. --Hydrograph of well 3S5W-3bbb1, Arkansas County, Ark., 1928-54.

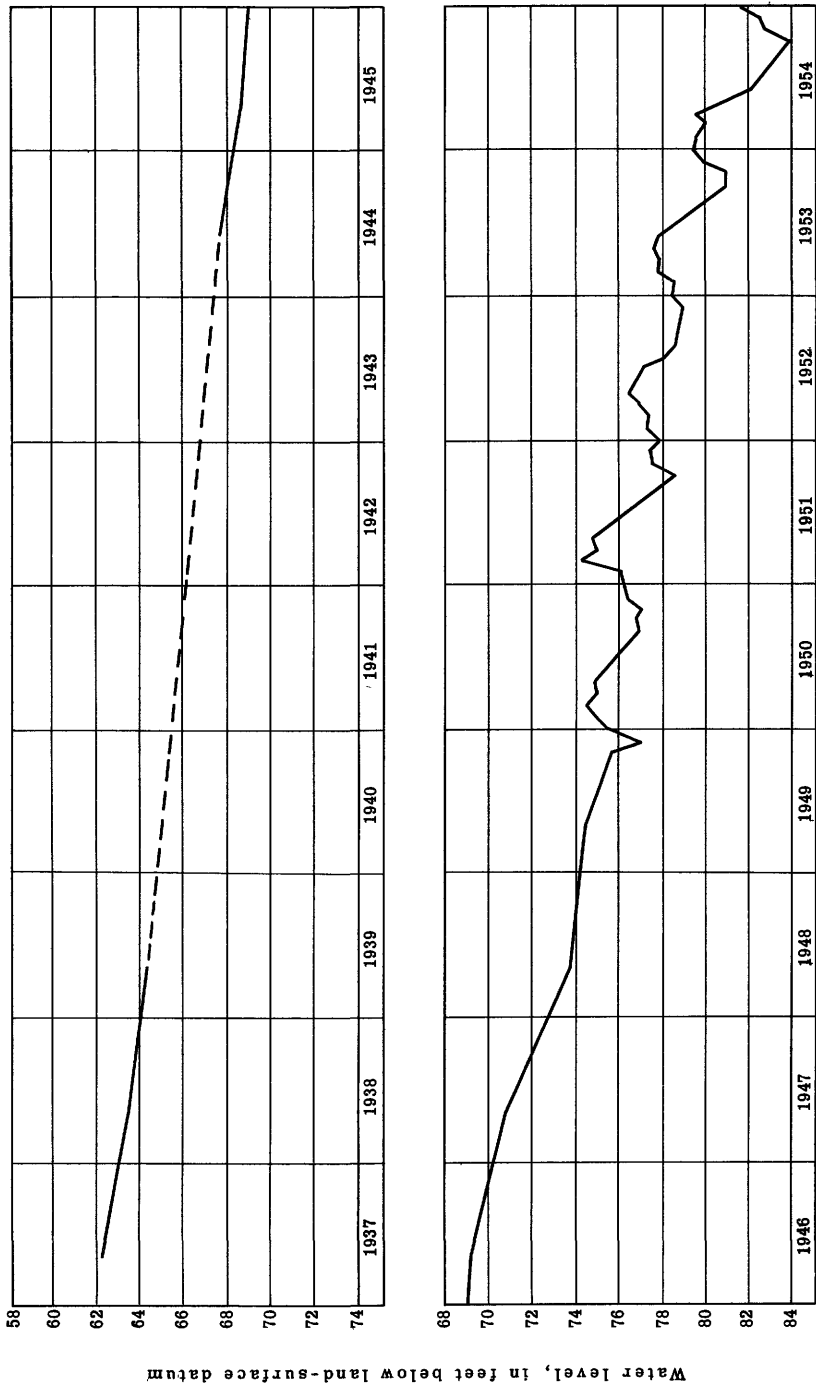


Figure 6. --Hydrograph of well 2N7W-22daa1, Lonoke County, Ark.

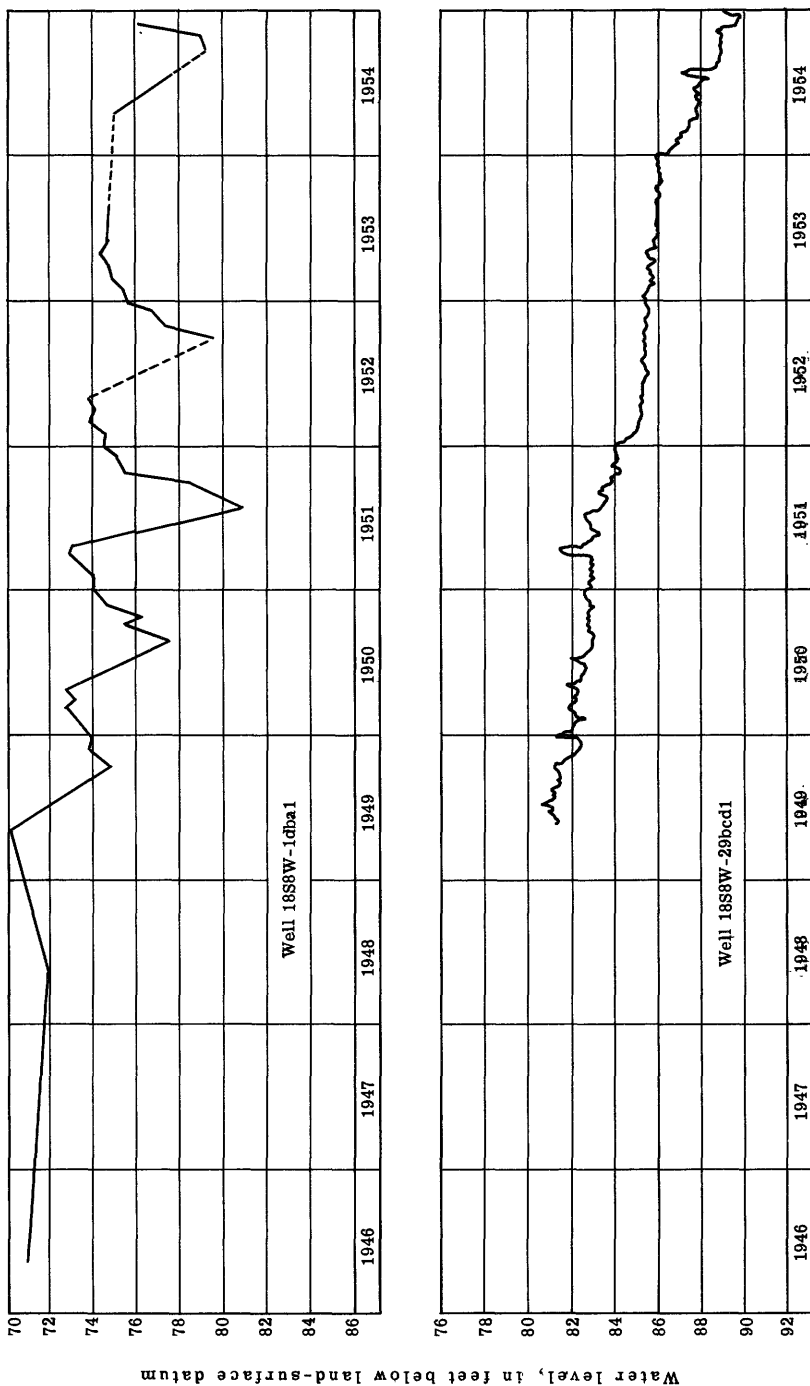


Figure 7. --Hydrographs of wells 188SW-1dba1 and 188SW-29bcd1, Ashley County, Ark.

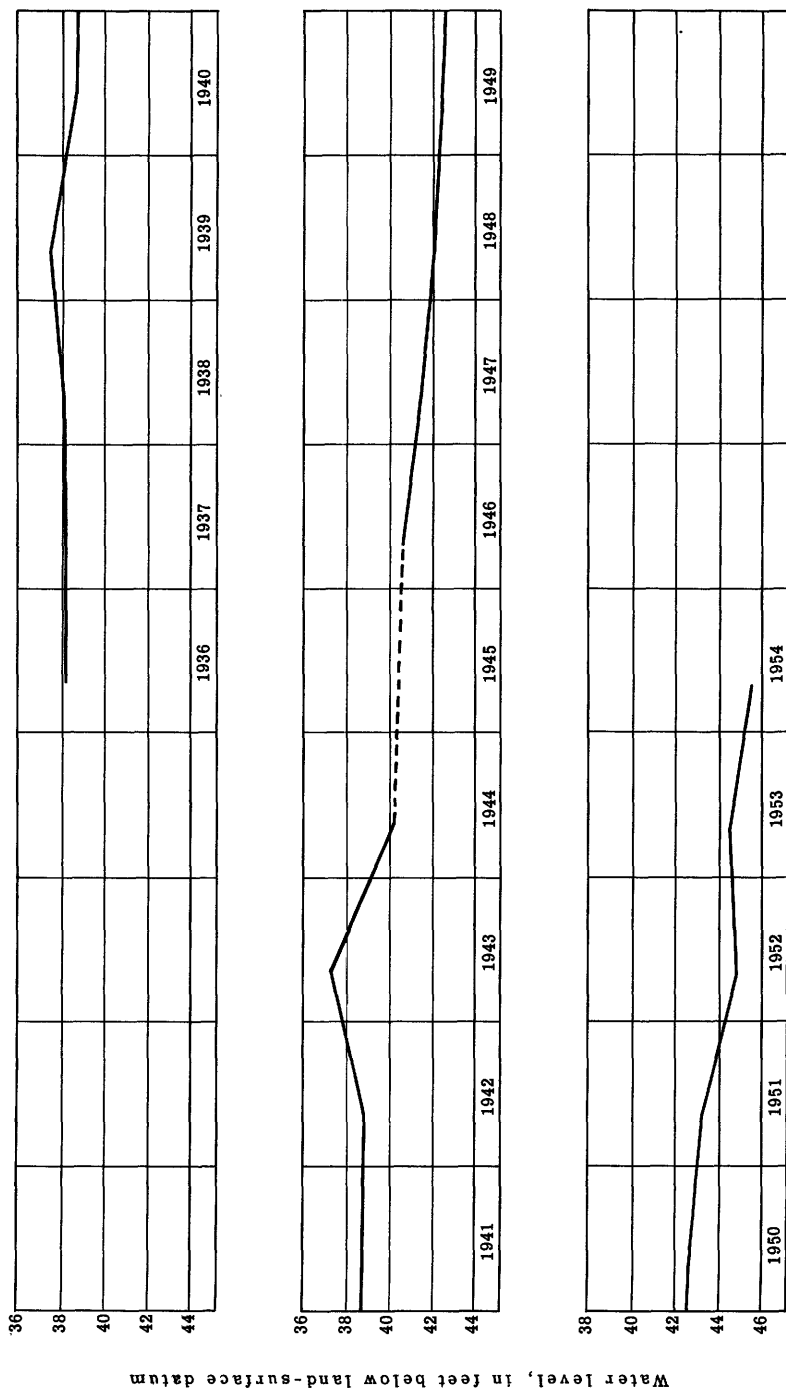


Figure 8. --Hydrograph of well 9N1E-21bab1, Cross County, Ark., 1936-54.

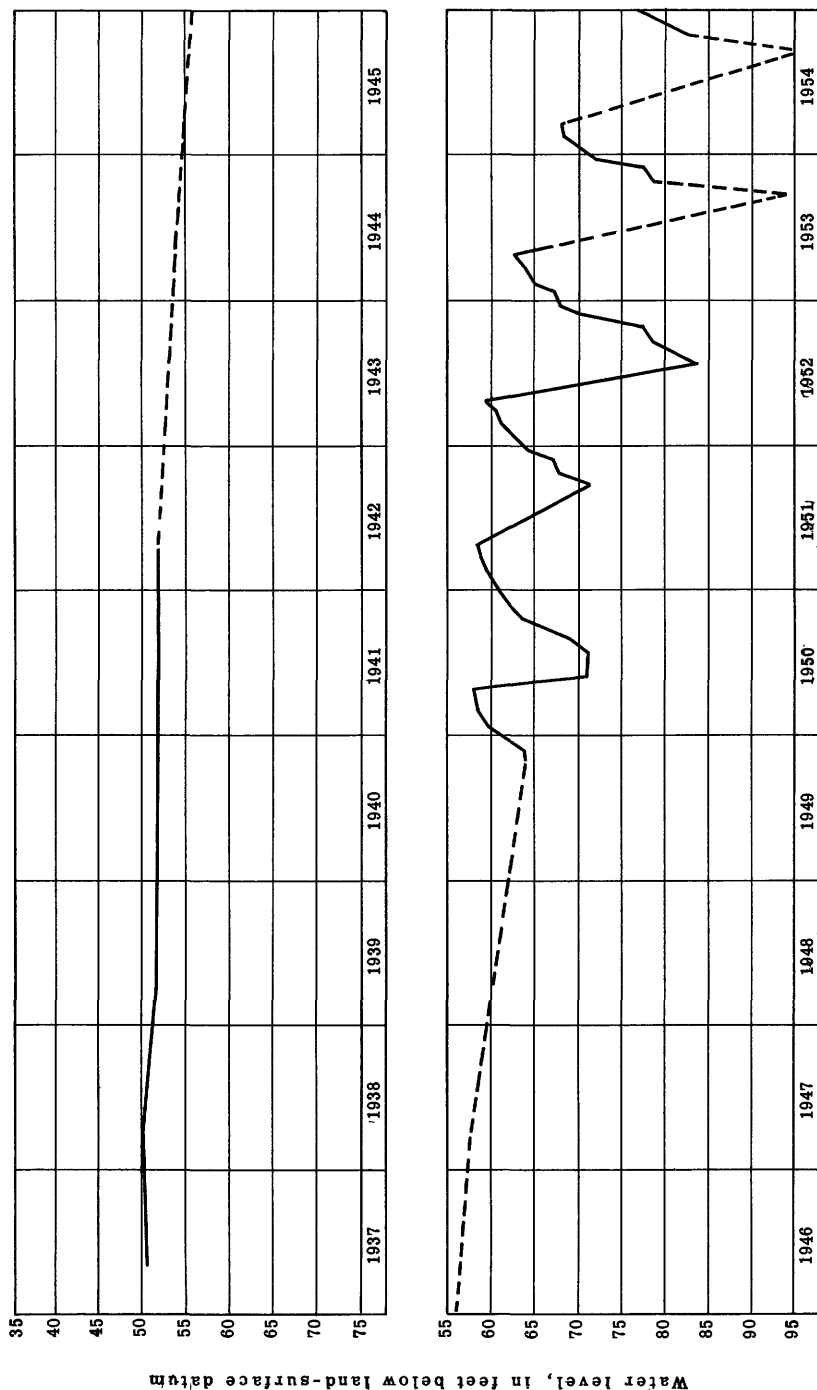


Figure 9. --Hydrograph of well 1S5W-20abb1, Prairie County, Ark., 1937-54.

When the added draft is taken largely from storage, the decline of levels may be an indication of overdevelopment, which will result in declining yields from wells. Most of the declines in wells in Arkansas have resulted from a rapidly increasing use of the ground-water resources of the State. On the other hand, the decline of water levels in the Grand Prairie region, where the amount of water pumped from wells has remained nearly constant for a number of years, shows that most of the water is being drawn from storage faster than the water can flow into the region from the adjacent areas of natural recharge.

Most of the ground water used for irrigation in Arkansas is taken from wells tapping deposits of Quaternary age. These wells are generally less than 200 feet in depth and are known locally as "shallow" or "Quaternary" wells. Pumping from these wells is seasonal in nature. The water levels stand highest in the spring before pumping begins then decline during the summer as a result of pumping. After pumping stops in the fall, the water levels rise and by spring tend to stand near the previous spring levels. The hydrograph of well 3S5W-3bbb1 in Arkansas County (fig. 5) shows the characteristic type of fluctuation in such wells. When measurements began in 1928, the water level was less than 80 feet below the land surface in the nonpumping season and declined to about 90 feet during the pumping season. Each year the water level has failed to recover completely to the highest water level of the previous year. This permanent decline has averaged a little less than 1 foot per year throughout the period of record. The numerous small fluctuations of 1 foot or less result from changes in barometric pressure and are not related to changes in storage. The hydrograph of the Lonoke County well 2N7W-22daa1 in the northern part of the Grand Prairie region shows similar fluctuations. (See fig. 6.)

The hydrograph of well 18S8W-29bcd1 in Ashley County (fig. 7) illustrates the effect on water levels of a variation in pumping. From 1949 to 1951 the water levels declined as a result of continuously increasing pumping. During 1952 and 1953 the water levels flattened off as a result of the nearly constant rate of pumping, but began declining again in 1954 when the pumping was sharply accelerated. Ashley County well 18S8W-1dba1 (fig. 7) shows a similar relationship; the only period of sharply increased pumping was 1949 to 1950. Figure 8 is a hydrograph of Cross County well 9N1E-21bab1 in an area of moderate well development; the years of maximum decline in water levels were the years when additional rice-irrigation wells were drilled in the area.

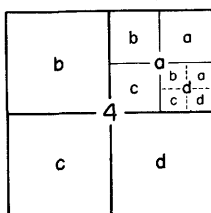
A relatively minor amount of water for irrigation is taken from deposits of Tertiary age, chiefly from those of Claiborne age. Several towns and cities in eastern Arkansas and several industries also obtain their water supplies from these deeper aquifers. Because pumping from these wells for public supply and industrial use, such as at Althelmer and Pine Bluff in Jefferson County and at El Dorado in Union County, is continuous throughout the year, there may not be a marked seasonal trend of water levels. The water levels may be affected at any time during the year by temporary or local irregularities in the distribution and rate of pumping. A single annual water-level measurement is not sufficient to show the general trend of the water levels; monthly measurements or continuous records from recording gages are necessary. The hydrograph of well 1S5W-20abb1 in Prairie County (fig. 9) shows fluctuations in water levels characteristic of wells in deposits of Tertiary age from which water is pumped for irrigation.

Acknowledgments

Professor Kyle Engler of the Department of Agricultural Engineering, University of Arkansas, assisted in making the annual water-level measurements in irrigation wells in 1954.

Well-Numbering System

Wells are numbered in accordance with the Bureau of Land Management system of land subdivision. The first digit of the well number indicates the township, the second the range, and the third the section in which the well is situated. The lowercase letters -- a, b, c, and d -- indicate the well location within the section; the first letter denotes the 160-acre tract, the second the 40-acre tract, and the third the 10-acre tract. The letters are assigned in a counterclockwise direction, starting in the northeast quarter. For example, the number 2S5W-4bbb1 indicates a well in T. 2 S., R. 5 W., in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, serial number 1.



Section

Well Descriptions and Water-Level Measurements

(Water levels are in feet below land-surface datum unless otherwise indicated.)

Arkansas County

2S5W-4bbb1. Mike Prislovsky. Drilled irrigation artesian well in deposits of Quaternary age, diameter 24 inches. Land-surface datum is 220 feet above msl. Highest water level 93.77 below lsd, Apr. 20, 1942; lowest 107.37 below lsd, Sept. 29, 1952. Records available: 1942, 1946-53. Measurement discontinued.

3S5W-2aab1. Clarence Weaver. Drilled irrigation artesian well in sand of Claiborne group, diameter 12 inches, depth 801 feet. Highest water level 59.22 below lsd, Mar. 29, 1951; lowest 93.07 below lsd, Aug. 28, 1952. Records available: 1951-54. Nov. 12, 85.76; Nov. 24, 85.66; Dec. 27, 80.34.

3S5W-3bbb1. Fred Hederich. Drilled unused irrigation water-table well in deposits of Quaternary age, diameter 24 inches, depth 125 feet. Highest water level 79.05 below lsd, May 20, 1928; lowest 105.1 below lsd, Sept. 12, 1954. Records available: 1928-54.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	101.0	100.7	100.6	100.8	100.4	101.0	103.6	104.4	105.0	103.4	103.1	102.8
2	100.8	100.4	100.8	100.7	100.4	100.8	103.6	104.2	105.0	103.4	103.4	102.8
3	101.0	100.2	101.2	100.6	100.6	101.4	103.7	104.3	105.0	103.3	103.2	102.5
4	101.0	100.3	100.2	100.5	100.7	100.8	103.7	104.4	105.0	103.2	103.0	102.4
5	100.9	100.4	101.0	100.5	100.6	102.0	103.6	104.4	105.0	103.2	103.2	102.6
6	101.0	100.6	100.9	100.4	100.4	102.2	103.6	104.4	105.0	103.4	103.0	102.8
7	101.0	100.8	100.8	100.4	100.5	102.3	103.6	104.4	105.0	103.4	102.9	102.8
8	100.8	100.7	100.6	100.7	100.6	102.4	103.6	104.4	105.0	103.3	103.0	102.4
9	100.7	100.2	100.4	100.6	100.6	102.5	103.7	104.5	104.9	103.2	103.0	102.6
10	100.8	100.0	100.2	100.6	100.6	102.6	103.8	104.6	105.0	103.0	103.0	102.6
11	101.0	100.8	101.0	100.8	100.5	102.6	103.8	104.6	105.0	102.8	103.1	102.6
12	101.3	100.9	100.2	100.8	100.7	102.7	103.8	104.6	105.1	102.8	103.0	102.4
13	101.2	100.6	100.7	100.7	101.1	102.8	103.8	104.6	105.0	102.8	102.8	102.4
14	100.8	100.4	100.9	100.4	101.4	102.8	103.8	104.7	105.0	103.0	102.8	102.4
15	100.6	100.3	101.2	100.2	101.6	102.8	103.9	104.8	104.9	103.0	102.6	102.4
16	100.8	100.6	101.2	100.4	101.8	102.8	104.0	104.7	104.8	103.0	102.4	102.3
17	101.1	100.7	101.0	100.5	101.8	103.0	104.0	104.7	104.8	103.0	102.5	102.2
18	101.4	100.6	100.6	100.4	101.9	103.1	104.0	104.7	104.8	103.0	102.5	102.4
19	101.6	100.2	100.2	100.4	101.9	103.2	103.8	104.7	104.8	103.2	102.5	102.5
20	101.6	100.2	100.5	100.6	101.9	103.1	103.8	104.7	104.7	103.0	102.6	102.5
21	101.4	100.4	100.6	100.5	101.7	103.1	103.9	104.8	104.8	102.8	102.6	102.3
22	101.2	100.6	100.6	100.4	101.8	103.1	103.9	104.9	104.7	102.8	102.7	102.2
23	101.0	100.3	100.4	100.4	101.6	103.2	104.0	105.0	104.5	102.9	102.7	102.3
24	100.8	100.3	100.4	100.5	100.9	103.2	104.0	104.9	104.4	102.8	102.6	102.4
25	100.8	100.0	100.5	100.5	100.9	103.2	104.0	104.8	104.2	103.1	102.6	102.4
26	100.7	100.4	100.8	100.4	100.8	103.3	104.1	104.8	104.0	103.0	102.6	102.4
27	100.9	100.4	100.6	100.2	100.7	103.4	104.1	104.8	103.8	103.1	102.4	.....
28	100.9	100.6	100.5	100.2	101.0	103.4	104.2	104.9	103.4	103.0	102.6	.....
29	100.6	100.4	100.4	100.2	101.0	103.4	104.2	104.9	103.4	103.0	102.8	.....
30	100.8	100.4	100.4	100.3	101.1	103.5	104.4	104.8	103.5	103.0	103.0	.....
31	100.8	100.8	100.8	101.0	101.0	104.4	105.0	105.0	103.1	103.1	103.1	.....

4S5W-1abc1. Charles W. McDougall. Drilled irrigation artesian well in sand of Claiborne group, diameter 6 inches, depth 929 feet. Land-surface datum is 199.6 feet above msl. Highest water level 37.45 below lsd, Apr. 11, 1938; lowest 54.85 below lsd, Mar. 27, 1954. Records available: 1938-54. Mar. 27, 54.85.

Ashley County

18S8W-1dab1. Daugherty & Son. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 12 inches. Highest water level 70.93 below lsd, Apr. 28, 1953; lowest 78.12 below lsd, Sept. 29, 1952. Records available: 1949-54. Apr. 15, 72.24.

18S8W-1dba1. Daugherty & Son. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 12 inches, depth 128 feet. Land-surface datum is 175 feet above msl. Highest water level 70.90 below lsd, Apr. 23, 1946; lowest 80.72 below lsd, July 30, 1951. Records available: 1946, 1948-54. Apr. 15, 75.00; Sept. 28, 79.30; Oct. 26, 79.05; Dec. 29, 76.70.

18S8W-29bcd1. Crossett Lumber Co. Drilled observation artesian well in deposits of Quaternary age, diameter 4 inches, depth 169 feet. Land-surface datum is 142.5 feet above msl. Highest water level 80.7 below lsd, July 5, 1949; lowest 90.0 below lsd, Nov. 29, Dec. 6, 9-10, 13, 15, 17-23, 1954. Records available: 1949-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	86.7	87.2	87.6	....	88.0	88.0	88.6	88.8	....	89.4	89.6	89.9
2	....	87.3	87.5	87.9	88.0	88.0	88.5	88.8	....	89.4	89.5	89.8
3	....	87.3	87.8	87.9	88.1	88.1	88.5	89.0	....	89.4	89.3	89.9
4	86.8	87.3	87.7	87.9	88.0	88.2	87.8	89.0	....	89.4	89.5	89.8
5	87.0	87.4	87.6	87.9	88.0	88.1	88.0	88.8	....	89.4	....	89.8
6	87.0	87.4	87.7	87.9	87.9	88.1	88.2	88.8	....	89.4	....	90.0
7	86.9	87.5	87.7	87.9	87.9	88.1	88.3	88.9	....	89.5	....	89.9
8	86.9	87.3	87.7	88.0	88.1	88.1	88.4	88.9	....	89.4	89.7	89.8
9	87.0	87.3	87.7	87.9	88.1	88.1	88.5	88.9	....	89.4	89.7	90.0
10	87.0	87.3	87.6	....	88.0	88.1	88.6	88.9	89.0	89.4	89.7	90.0
11	87.1	87.4	87.7	....	87.9	88.1	88.6	88.9	89.1	89.4	89.7	89.9
12	87.1	87.5	87.7	....	87.9	88.1	88.6	88.9	89.1	89.5	89.7	89.8
13	87.0	87.4	87.9	87.9	87.9	88.1	88.6	89.0	89.1	89.5	89.7	90.0
14	87.0	87.4	88.0	87.9	88.1	88.1	88.6	89.0	89.2	89.5	89.7	89.9
15	86.9	87.4	88.0	87.9	88.1	87.9	88.6	88.9	89.2	89.5	89.7	90.0
16	87.2	87.5	88.0	87.9	88.0	88.2	88.6	88.9	89.3	89.5	89.8	89.9
17	87.1	87.5	88.0	88.0	88.0	88.3	88.6	89.0	89.3	89.5	89.8	90.0
18	87.1	87.4	88.0	87.9	87.9	88.4	88.7	89.0	....	89.6	89.7	90.0
19	87.1	87.3	....	88.0	87.9	88.3	88.7	89.0	....	89.6	89.8	90.0
20	87.1	87.5	....	88.0	87.9	88.4	88.7	89.0	89.2	89.5	89.8	90.0
21	....	87.6	....	87.9	88.0	88.4	88.7	89.0	89.4	89.5	89.8	90.0
22	87.2	87.5	....	87.9	88.0	88.4	88.7	89.1	89.3	89.6	....	90.0
23	87.1	87.5	....	88.0	88.0	88.4	88.7	89.0	89.3	89.6	....	90.0
24	87.1	87.4	....	88.0	88.0	88.4	88.7	89.0	89.3	89.6	....	89.4
25	87.2	87.4	....	87.9	88.0	88.5	88.8	89.0	89.3	89.6	....	88.9
26	87.2	87.4	....	87.9	88.0	88.5	88.8	89.1	89.3	89.6	....	88.9
27	87.3	87.5	....	87.9	87.9	88.5	88.8	....	89.3	89.1	89.8	89.2
28	87.2	87.7	....	87.9	87.9	88.5	88.8	....	89.3	89.0	89.8	89.3
29	87.2	....	....	88.0	88.0	88.5	88.9	....	89.4	89.4	90.0	89.4
30	87.3	....	....	87.9	88.1	88.6	89.0	....	89.4	89.5	89.8	89.6
31	87.3	....	....	....	88.1	....	88.8	....	....	89.6	....	89.5

Chicot County

13S3W-32ddd1. George Jones. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 9 inches, depth 79 feet. Land-surface datum is 135.0 feet above msl. Highest water level 13.35 below lsd, Apr. 28, 1953; lowest 20.36 below lsd, Dec. 30, 1952. Records available: 1952-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 29, 1952	20.00	Jan. 28, 1953	17.62	Apr. 28, 1953	13.35	Oct. 26, 1954	17.90
Nov. 27	19.34	Feb. 26	16.16	Apr. 13, 1954	15.31	Nov. 23	18.85
Dec. 30	20.36	Apr. 1	14.09	Sept. 28	20.10	Dec. 29	18.63

14S3W-17bcc1. Jack Gibson. Drilled irrigation artesian well in deposits of Quaternary age, diameter 12 to 8 inches, depth 91 feet. Land-surface datum is 132.0 feet above msl. Highest water level 17.20 below lsd, May 27, 1953; lowest 21.68 below lsd. Sept. 28, 1954. Records available: 1952-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 29, 1952	19.13	Feb. 26, 1953	18.35	May 27, 1953	17.20	Sept. 28, 1954	21.68
Oct. 29	19.08	Apr. 1	18.01	Apr. 14, 1954	18.49	Oct. 26	20.52
Nov. 27	19.04	28	17.65	May 25	18.09	Nov. 23	20.95
Jan. 28, 1953	18.75						

Columbia County

17S20W-15abb1. Carter Oil Co. Drilled industrial artesian well in Sparta sand, diameter 10 to 6 inches, depth 442 feet. Land-surface datum is 357 feet above msl. Highest water level 288.89 below lsd, July 31, 1950; lowest 316.96 below lsd, Oct. 31, 1950. Records available: 1950-53. Measurement discontinued.

17S20W-22cdcl. Carter Oil Co. Drilled industrial artesian well in Sparta sand, diameter 10 to 6 inches, depth 470 feet. Land-surface datum is 294 feet above msl. Highest water level 217.80 below lsd, Sept. 27, 1951; lowest 237.65 below lsd, Oct. 29, 1952. Records available: 1950-53. Measurement discontinued.

17S21W-1bca2. Southern State College. Drilled unused public-supply artesian well in Sparta sand, diameter 4 inches, depth 430 feet. Land-surface datum is 345.5 feet above msl. Highest water level 236.7 below lsd, Dec. 4, 1951; lowest 269.6 below lsd, Oct. 6, 1954. Records available: 1950-54. Measurement discontinued. Recording gage in operation Oct. 4-Nov. 22.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	243.9	Oct. 10	263.0	Oct. 25	260.1	Nov. 8	251.2
Feb. 19	245.7	11	262.0	26	262.5	9	252.3
Apr. 7	247.0	12	262.2	27	260.1	10	252.1
15	242.4	13	262.9	28	255.9	11	251.9
May 25	248.1	14	263.4	29	255.9	12	252.1
June 28	248.4	15	263.7	30	254.9	13	251.3
July 2	251.3	16	262.1	31	254.5	14	250.8
28	246.5	17	262.0	Nov. 1	253.8	15	249.1
Aug. 25	247.5	18	260.7	2	254.2	16	250.5
Oct. 4	268.4	19	260.8	3	253.8	17	251.0
5	268.0	20	259.7	4	253.4	18	250.8
6	269.6	21	260.6	5	253.1	19	250.8
7	268.7	22	260.6	6	253.0	20	250.6
8	266.2	23	261.7	7	252.0	22	253.8
9	264.2	24	260.3				

Desha County

9S4W-6bbc1. A. G. Bayer. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 10 inches, depth 102 feet. Land-surface datum is 157.0 feet above msl. Highest water level 2.60 below lsd, Apr. 1, 1953; lowest 11.72 below lsd, Sept. 28, 1954. Records available: 1952-54.

Sept. 29, 1952	9.26	Jan. 28, 1953	4.40	May 27, 1953	3.10	Oct. 26, 1954	11.25
Oct. 28	8.67	Feb. 26	3.06	Apr. 13, 1954	4.53	Nov. 22	10.42
Nov. 26	6.28	Apr. 1	2.60	Sept. 28	11.72	Dec. 29	9.42
Dec. 29	5.57						

9S4W-6daa1. Lee Kemp. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 10 inches, depth 85 feet. Land-surface datum is 160.0 feet above msl. Highest water level 1.80 below lsd, Apr. 1, 1953; lowest 9.70 below lsd, Sept. 28, 1954. Records available: 1952-54.

Oct. 28, 1952	7.33	Jan. 28, 1953	3.69	Apr. 28, 1953	2.19	Oct. 26, 1954	9.38
Nov. 26	4.55	Feb. 26	2.13	Apr. 13, 1954	3.74	Nov. 23	8.92
Dec. 29	4.75	Apr. 1	1.80	Sept. 28	9.70	Dec. 29	8.11

10S4W-2bba1. R. A. Pickens. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 10 inches, depth 94 feet. Land-surface datum is 156.0 feet above msl. Highest water level 8.30 below lsd, Apr. 1, 1953; lowest 18.59 below lsd, Nov. 23, 1954. Records available: 1952-54.

Oct. 28, 1952	12.44	Jan. 28, 1953	11.03	Apr. 28, 1953	10.70	Oct. 26, 1954	10.75
Nov. 26	11.80	Feb. 26	11.64	Apr. 13, 1954	13.47	Nov. 23	18.59
Dec. 29	11.38	Apr. 1	8.30	Sept. 28	11.02	Dec. 29	18.20

Drew County

11S4W-25dab1. T. A. Prewitt, Jr. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 8 inches, depth 112 feet. Land-surface datum is 150.0 feet above msl. Highest water level 12.57 below lsd, Apr. 28, 1953; lowest 19.40 below lsd, Sept. 28, 1954. Records available: 1952-54.

Oct. 28, 1952	19.32	Jan. 28, 1953	15.18	Apr. 28, 1953	12.57	Oct. 26, 1954	19.10
Nov. 26	15.60	Feb. 26	13.94	Apr. 14, 1954	14.86	Nov. 23	17.49
Dec. 29	15.42	Apr. 1	12.72	Sept. 28	19.40	Dec. 29	16.90

Jefferson County

3S7W-24bcc1. V. D. Harlan. Drilled unused artesian well in deposits of Quaternary age, diameter 20 inches, depth 105 feet. Land-surface datum is 197.34 feet above msl. Highest water level 14.22 below lsd, Mar. 18, 1929; lowest 27.38 below lsd, Dec. 28, 1954. Records available: 1929-35, 1937-44, 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	24.91	Apr. 27	24.97	July 26	25.87	Nov. 9	25.82
Feb. 26	24.74	May 24	25.90	Aug. 24	27.10	24	25.78
Mar. 29	24.84	June 28	25.91	Sept. 27	26.00	Dec. 28	27.38

4S7W-9bab1. Elms Planting Co. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 inches, depth 100 feet. Land-surface datum is 185 feet above msl. Highest water level 1.98 below lsd, Feb. 26, 1951; lowest 25.36 below lsd, Sept. 27, 1954. Records available: 1949-54. May 24, 15.42; Sept. 27, 25.36; Nov. 9, 24.00; Nov. 24, 23.81.

4S7W-18ddd1. Mr. Ragland. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 inches, depth 101 feet. Land-surface datum is 200 feet above msl. Highest water level 12.05 below lsd, Feb. 27, 1952; lowest 33.20 below lsd, Aug. 24, 1954. Records available: 1949-54. Aug. 24, 33.20; Aug. 27, 31.90; Nov. 9, 31.50; Nov. 24, 31.10.

4S8W-35bdd2. Town of Altheimer. Drilled public-supply artesian well in sand of Claiborne group, diameter 6 to 4 inches, depth 1,011 feet. Land-surface datum is 200 feet above msl. Highest water level 45.18 below lsd, May 31, 1950; lowest 55.22 below lsd, Sept. 28, 1951. Records available: 1949-54. Feb. 26, 54.58; May 24, 54.72.

5S9W-33cdb1. Cotton Belt Railroad. Drilled industrial artesian well in sand of Claiborne group, diameter 10 inches, depth 836 feet. Land-surface datum is 220 feet above msl. Highest water level 52.34 below lsd, July 5, 1950; lowest 62.16 below lsd, Dec. 28, 1953. Records available: 1949-53. Measurement discontinued.

6S9W-3ddd1. Planter's Cotton Oil Mill. Drilled industrial artesian well in Sparta sand, diameter 5 to 4 inches, depth 800 feet. Land-surface datum is 220 feet above msl. Highest water level 37.40 below lsd, July 30, 1951; lowest 52.39 below lsd, Dec. 1, 1953. Records available: 1949-53. Measurement discontinued.

Lincoln County

8S5W-5cdd1. Arkansas State Penitentiary. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 6 inches, depth 86 feet. Land-surface datum is 175.0 feet above msl. Highest water level 13.92 below lsd, Apr. 1, 1953; lowest 26.78 below lsd, Sept. 28, 1954. Records available: 1952-54.

Sept. 29, 1952	17.85	Feb. 26, 1953	16.42	Apr. 13, 1954	20.26	Sept. 28, 1954	26.78
Oct. 28	18.50	Apr. 1	13.92	May 24	24.66	Oct. 26	26.60
Nov. 26	17.38	28	16.04	June 29	25.90	Nov. 23	23.18
Dec. 29	16.90	May 27	14.36	July 28	24.34	Dec. 29	23.36
Jan. 28, 1953	16.55						

Lonoke County

2N7W-22daa1. F. H. Schofer. Formerly J. E. Tucker. Drilled irrigation artesian well in deposits of Quaternary age, diameter 24 inches, depth 110 feet. Highest water level 62.15 below lsd, May 3, 1937; lowest 84.00 below lsd, Sept. 27, 1954. Records available: 1937-39, 1944-54.

Jan. 27	79.83	Mar. 29	79.78	Sept. 27	84.00	Nov. 24	82.74
Mar. 8	80.00	May 24	82.04	Nov. 9	82.86	Dec. 28	81.83

2N9W-36aab1. W. J. Elmore. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 inches, depth 130 feet. Highest water level 55.80 below lsd, Feb. 28, 1950; lowest 64.79 below lsd, Nov. 9, 1954. Records available: 1949-54. May 24, 60.82; Sept. 27, 64.54; Nov. 9, 64.79; Nov. 24, 64.45; Dec. 28, 63.37.

Prairie County

1S5W-4ccc1. Vince Sokora. Drilled irrigation well in Sparta sand, diameter 24 inches. Land-surface datum 218.5 feet above msl. Highest water level 95.73 below lsd, Apr. 28, 1953; lowest 97.40 below lsd, July 26, 1954. Records available: 1953-54.

Apr. 28, 1953	95.73	May 24, 1954	96.50	Aug. 24, 1954	96.82	Nov. 24, 1954	96.69
May 27	96.21	June 28	96.70	Sept. 27	96.70	Dec. 28	96.76
June 29	96.71	July 26	97.40	Nov. 9	96.42		

1S5W-9bcb1. P. L. Beem. Drilled irrigation artesian well in sand of Claiborne group, diameter 12 to 8 inches, depth 640 feet. Land-surface datum is 218 feet above msl. Highest water level 60.80 below lsd, Apr. 26, 1950; lowest 98.92 below lsd, Sept. 27, 1954. Records available: 1949-54. May 24, 85.18; Sept. 27, 98.92; Nov. 9, 98.70; Nov. 24, 98.16.

1S5W-20abb1. U. S. Air Force Airbase. Drilled irrigation artesian well in sand of Claiborne group, diameter 12 to 8 inches, depth 632 feet. Land-surface datum is 218 feet above msl. Highest water level 50.43 below lsd, Apr. 29, 1938; lowest 95.35 below lsd, Sept. 27, 1954. Records available: 1937-42, 1947, 1949-54. Jan. 26, 70.25; Feb. 26, 68.49; Mar. 29, 68.35; Sept. 27, 95.35; Nov. 9, 82.47; Nov. 24, 80.54; Dec. 28, 78.05.

1S6W-12cbb1. Elmer Seidenschwarz. Drilled irrigation artesian well in sand of Claiborne group, depth 545 feet. Land-surface datum is 227.5 feet above msl. Highest water level 58.88 below lsd, Jan. 19, 1929; lowest 82.53 below lsd, Mar. 30, 1954. Records available: 1929, 1936, 1940-44, 1947-54. Mar. 30, 82.53.

Pulaski County

2N10W-16bac1. Hal Young. Drilled irrigation well in deposits of Quaternary age, diameter 18 inches, depth 97 feet. Land-surface datum is 242 feet above msl. Highest water level 6.89 below lsd, Apr. 3, 1953; lowest 18.76 below lsd, June 28, 1954. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 3, 1953	6.89	June 2, 1953	15.05	Sept. 27, 1954	15.66	Nov. 24, 1954	15.03
May 1	8.69	May 28, 1954	15.50	Nov. 9	15.18	Dec. 31	14.81
29	9.19	June 28	18.76				

Union County

17S15W-17dad1. Arkansas-Louisiana Gas Co. Drilled industrial artesian well in sand of Claiborne group, depth 615 feet. Highest water level 189.52 below lsd, May 1946; lowest 294.80 below lsd, Aug. 25, 1954. Records available: 1946-47, 1949-54. Apr. 15, 283.40; May 25, 280.92; June 29, 288.27; July 28, 291.86; Aug. 25, 294.80; Nov. 22, 286.45.

17S15W-17dad2. Arkansas-Louisiana Gas Co. Drilled industrial artesian well in sand of Claiborne group, depth 637 feet. Highest water level 189.30 below lsd, Feb. 18, 1947; lowest 286.42 below lsd, Sept. 28, 1954. Records available: 1947, 1949-54.

Apr. 15	274.08	June 29	279.60	Aug. 25	286.08	Oct. 22	283.14
May 25	272.34	July 28	283.14	Sept. 28	286.42	Nov. 22	278.65

17S15W-18dbb1. Lion Oil Chemical Co. Drilled observation well in Sparta sand, diameter 8 inches, depth 540 feet. Land-surface datum is 182.93 above msl. Highest water level 288.9 below lsd, Dec. 24, 1954; lowest 298.9 below lsd, Sept. 4-5, 1954. Records available: 1954.

Daily highest water level from recorder graph*

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	290.7	294.0	298.8	295.7	292.1	292.3
2	290.6	293.7	298.8	295.6	292.1	292.3
3	291.0	293.6	298.8	295.4	292.5	292.2
4	291.0	293.9	298.9	295.2	292.5	292.0
5	292.6	294.5	298.9	295.1	292.9	291.9
6	293.7	295.0	298.4	295.1	293.0	292.1
7	293.9	295.4	298.4	295.0	293.0	291.9
8	294.2	295.5	298.5	294.9	293.0	291.7
9	294.7	295.7	298.6	294.6	293.1	291.7
10	294.9	296.2	298.6	294.4	293.3	291.8
11	294.5	296.4	298.6	294.4	293.4	292.0
12	294.4	296.4	298.6	294.5	293.6	291.9
13	294.4	296.3	298.5	294.4	293.8	292.0
14	294.6	296.3	298.4	294.4	293.8	292.1
15	294.8	296.4	298.3	294.6	293.8	292.1
16	295.0	296.5	298.3	294.6	293.8	292.1
17	295.3	296.6	298.3	294.5	293.8	292.1
18	295.2	296.6	298.3	294.5	293.7	292.2
19	295.1	296.7	298.2	294.5	293.6	292.3
20	295.0	296.4	298.0	294.5	293.3	292.2
21	294.7	296.4	298.0	294.7	293.0	292.0
22	294.6	296.7	297.9	294.0	292.8	289.9
23	294.5	296.1	297.8	293.2	292.5	289.1
24	293.1	295.6	297.4	293.0	291.0	288.9
25	292.4	296.4	295.2	294.0	289.8	290.5

17S15W-18dbb1--Continued.

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	292.3	297.4	294.2	294.1	289.6	291.7
27	293.6	297.5	294.2	294.2	291.0	291.9
28	294.3	297.8	294.9	294.4	291.7	291.7
29	294.3	298.1	295.5	294.2	292.0	292.0
30	294.3	298.4	295.7	293.2	292.2	.....
31	294.3	298.7		292.5		.....

* No record for January, February, March, April, May, and June.

LOUISIANA

By F. E. Onellion

Scope of Water-Level Program

The observation-well program in Louisiana was continued during 1954 in cooperation with the Louisiana Department of Public Works and the Louisiana Geological Survey, Department of Conservation. Measurements were made in 293 wells in 36 parishes in 1954. For at least part of the year, 45 of these wells were equipped with recording gages. The program was directed toward a determination of the availability of ground water on a parish-wide basis in Red River, De Soto, Sabine, Natchitoches, Calcasieu, and East and West Carroll Parishes. Pumping tests were made in some of these parishes and also in southwestern Louisiana. A report on the geology and ground-water resources of southwestern Louisiana by P. H. Jones, A. N. Turcan, Jr., and H. E. Skibitzke, was published by the Louisiana Geological Survey. A report on the analysis of contour maps of water levels in wells in southwestern Louisiana, 1952 and 1953, by S. W. Fader, was published as Water Resources Pamphlet No. 1 by the Louisiana Geological Survey and the Louisiana Department of Public Works. Figures 10-17 show location of observation wells.

Precipitation

The annual precipitation in Louisiana in 1954 was 41.67 inches, 7.46 inches below normal. Except for the months of August, September, and November, when the precipitation was below normal, the rainfall was uniformly distributed throughout the year.

Interpretation of Water-Level Fluctuations

In general, a decline was noted in water levels in 1954 in observation wells tapping sands of Eocene age, the principal water-bearing formation of northern Louisiana. Continued heavy pumping in Monroe and vicinity, Ouachita Parish, was reflected by a decline in water levels in wells screened in the Sparta sand of Eocene age. Figure 18 shows the decline in water level in well Ou-100 at Monroe, screened at a depth of 800 feet in a sand of Sparta age. The water level has declined from about 90 to 120 feet during the past 9 years. Measurements made in wells screened in the Catahoula formation of Miocene age, one of the principal aquifers of central Louisiana, show a general lowering of water levels during 1954. However, a comparison of the 1954 maximum low in well R-26 in the Catahoula formation with the 1953 maximum low shows a rise of 7 feet. Water levels continued to decline in southwestern Louisiana, as the demand for ground water for irrigation, industrial, municipal, and domestic uses continued to increase. Figure 19 shows the fluctuations of water level in well Ac-40 at Crowley, the center of the rice-farming area. On March 17, the water level had recovered to within 2 feet of that of April 9, 1953. At Lake Charles, where there is heavy pumping from wells for industrial, agricultural, and municipal uses, the 1954 record low for well Cu-445, screened at a depth of about 500 feet, was about 5 feet more than in 1953. In well Cu-446, screened at a depth of about 700 feet, the maximum recorded low in 1954 was 76 feet, reflecting a decline of about 6 feet from that of 1953. Figure 20 shows this decline of water levels in wells Cu-445 and Cu-446 during the period 1945 through 1954. The recovery of the water level in well V-104 (see fig. 21), screened at a depth of 988 feet, was the result of cessation of pumping at the time of the deactivation of Camp Polk. During 1954 the water level recovered 23 feet from a low of 204 feet. Water levels continued to decline in the "400-foot" and "600-foot" sands in the Baton Rouge industrial area as shown by figure 22. Increased pumping from the "1,200-foot" sand in this area is reflected in the decline of water level in well WBR-5 at Port Allen. Measurements in 1954 show a decline of about 40 feet below the previous record low in 1947, when the water level was 13 feet above the land surface. Little change in artesian pressures was noted in wells in the flowing-well area of southeastern Louisiana.

Acknowledgments

Measurements for wells Cu-445 and Cu-446 at Lake Charles, Sc-6 at Norco, and Ve-514 at Erath were furnished by the Cities Service Refining Corp., the Shell Oil Co., and the Texas Co., respectively.

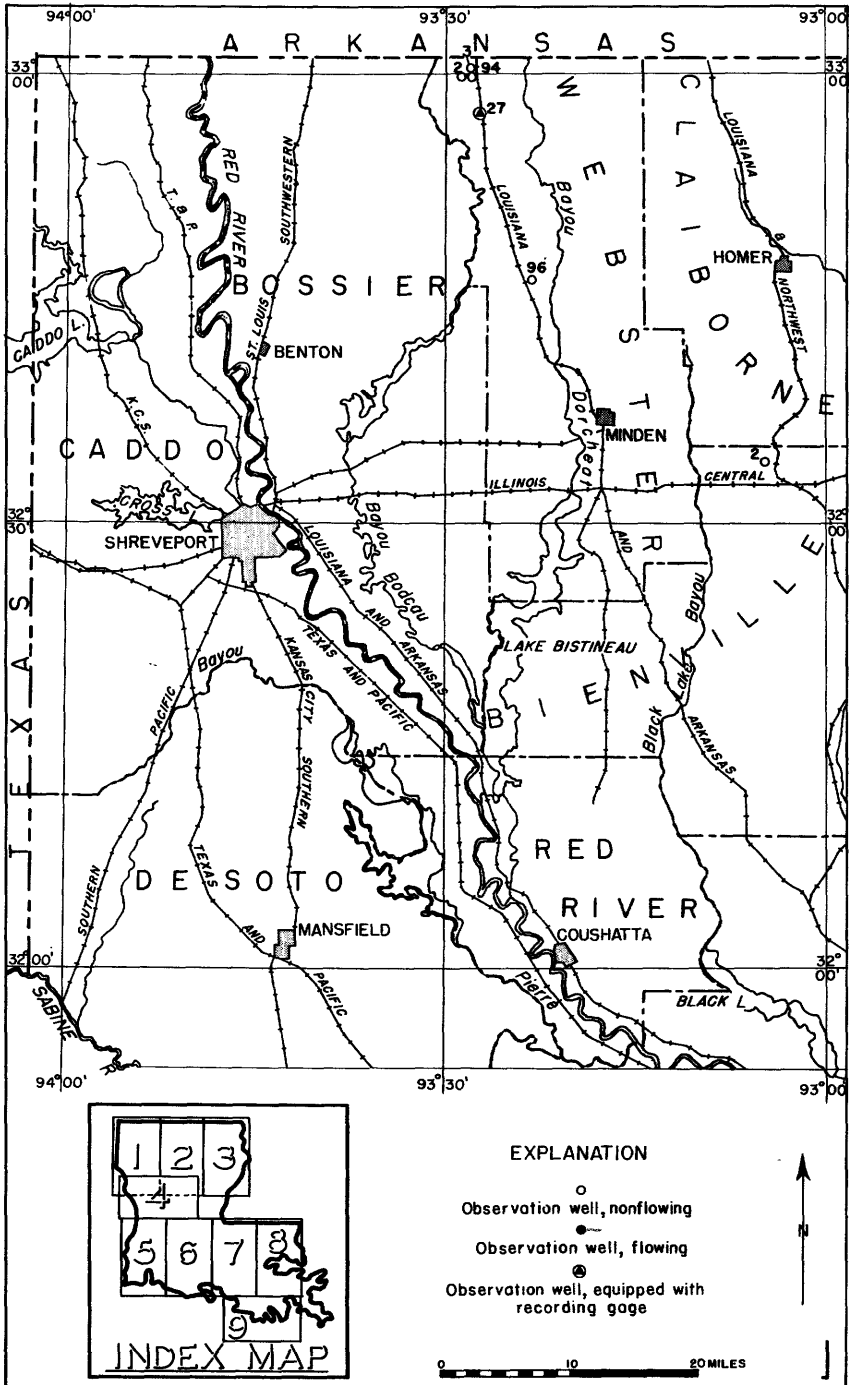


Figure 10. --Location of observation wells in Webster and Bienville Parishes, La., 1954.

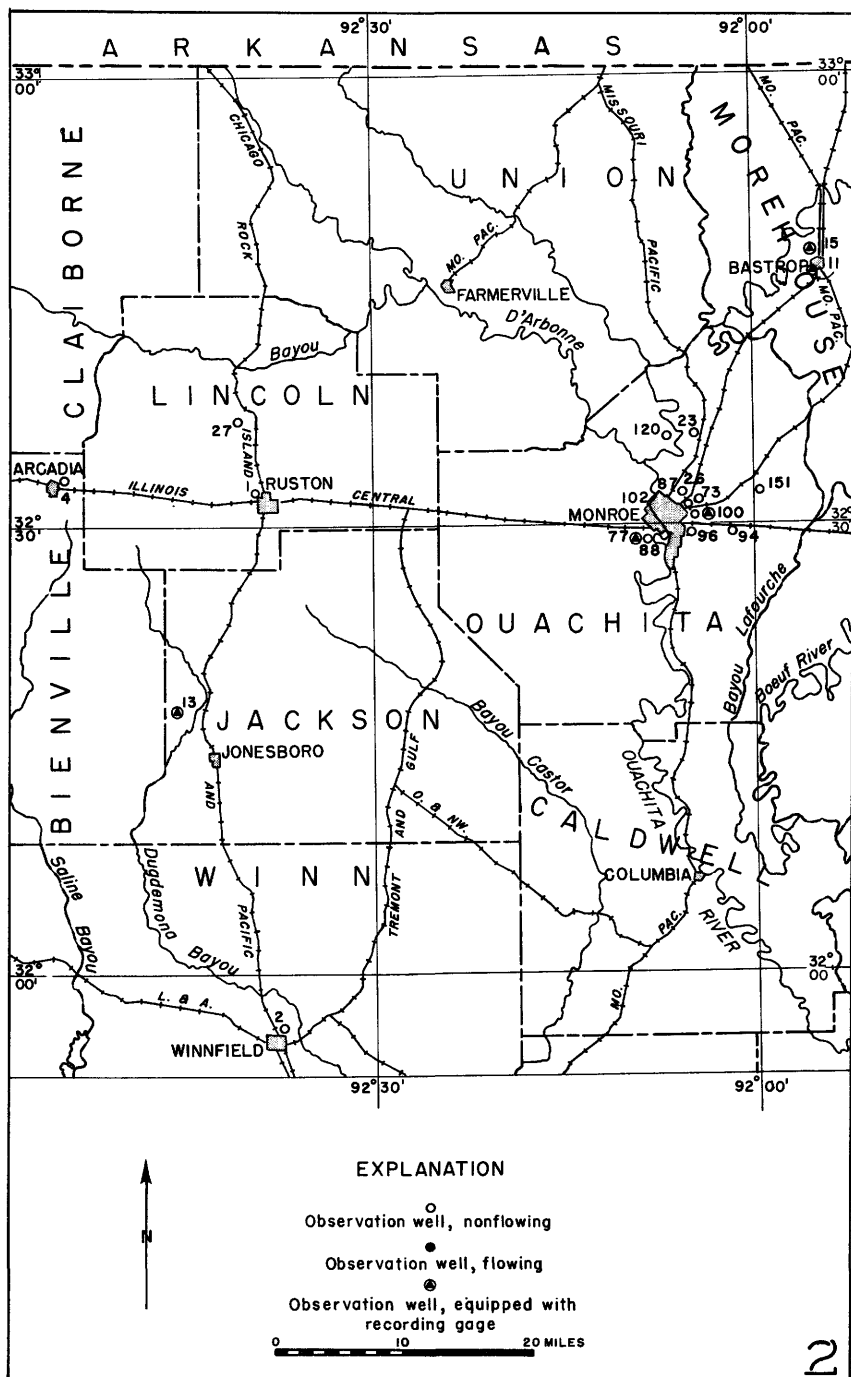


Figure 11. --Location of observation wells in Bienville, Lincoln, Jackson, Winn, Morehouse, and Ouachita Parishes, La., 1954.

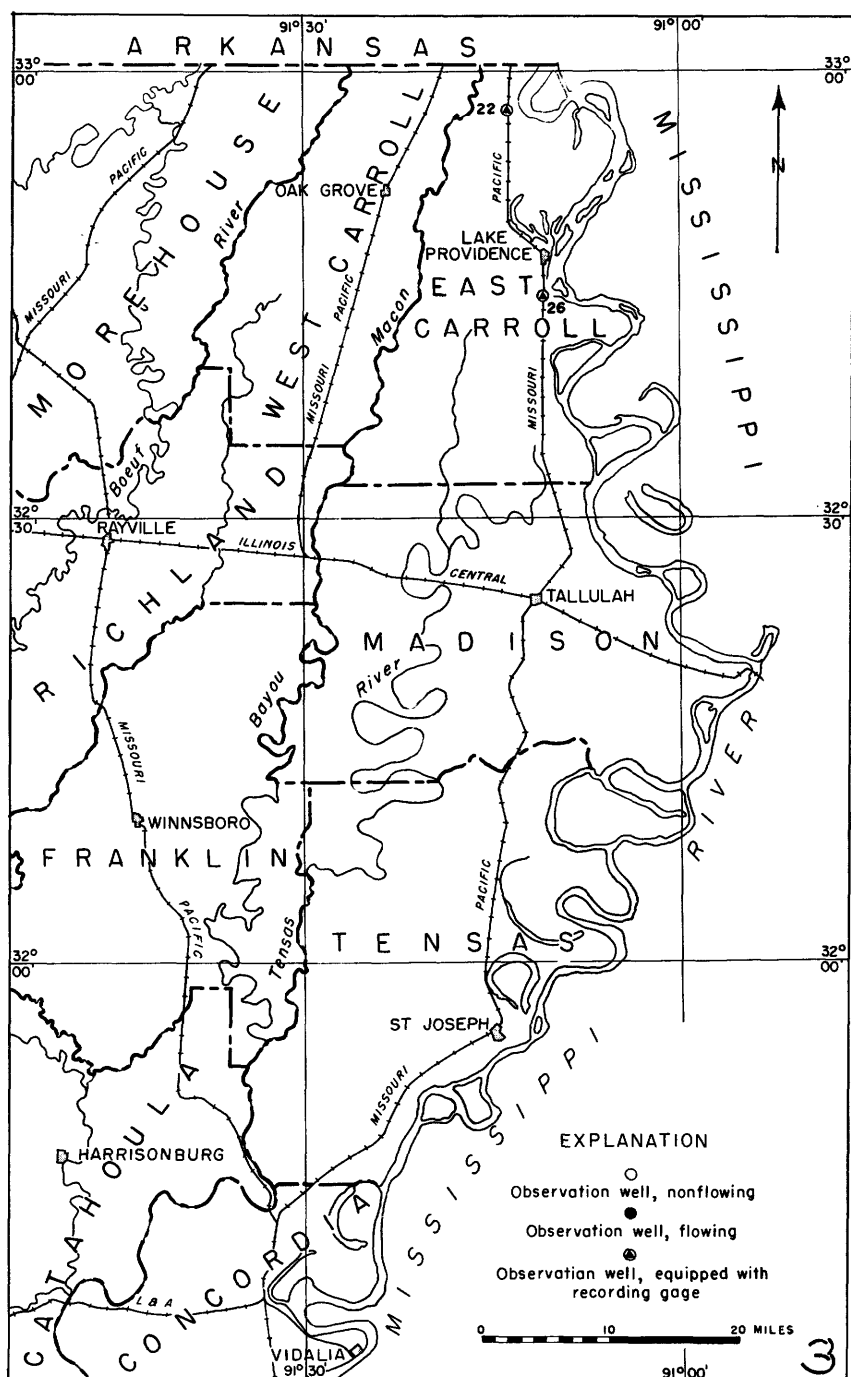


Figure 12. --Location of observation wells in East Carroll Parish, La., 1954.

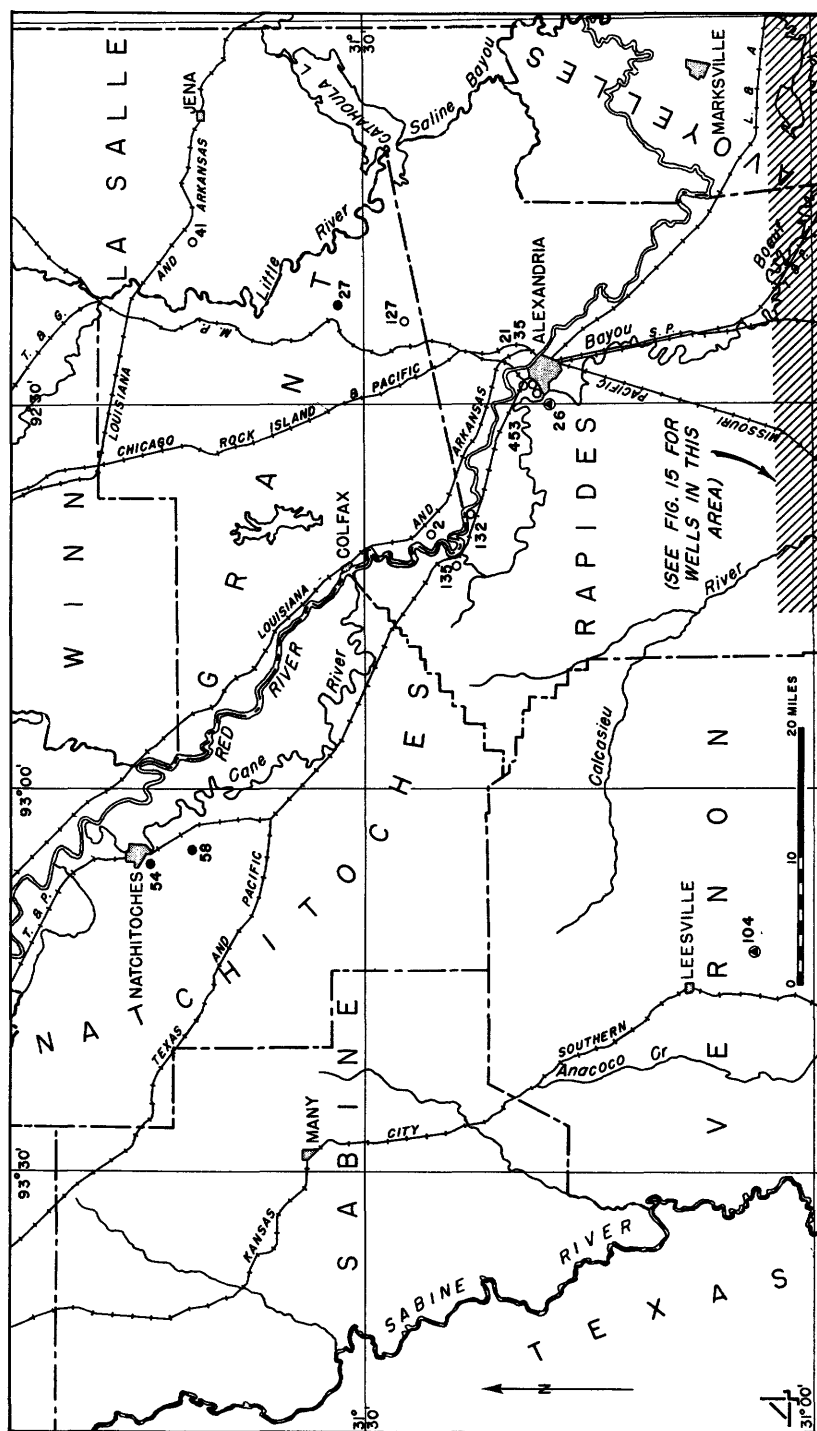


Figure 13. ---Location of observation wells in Natchitoches, Vernon, Grant, Rapides, and La Salle Parishes, La., 1954.

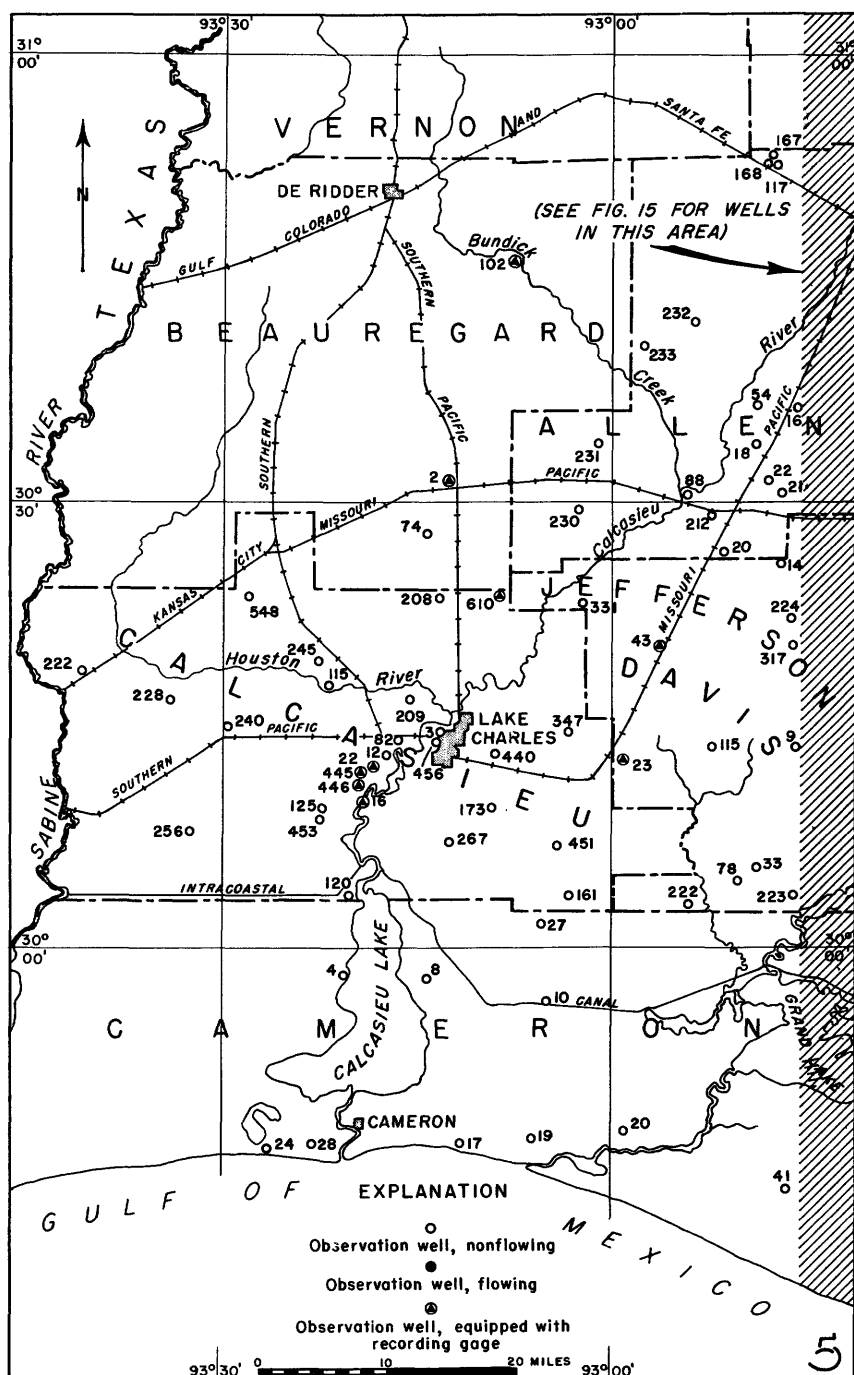
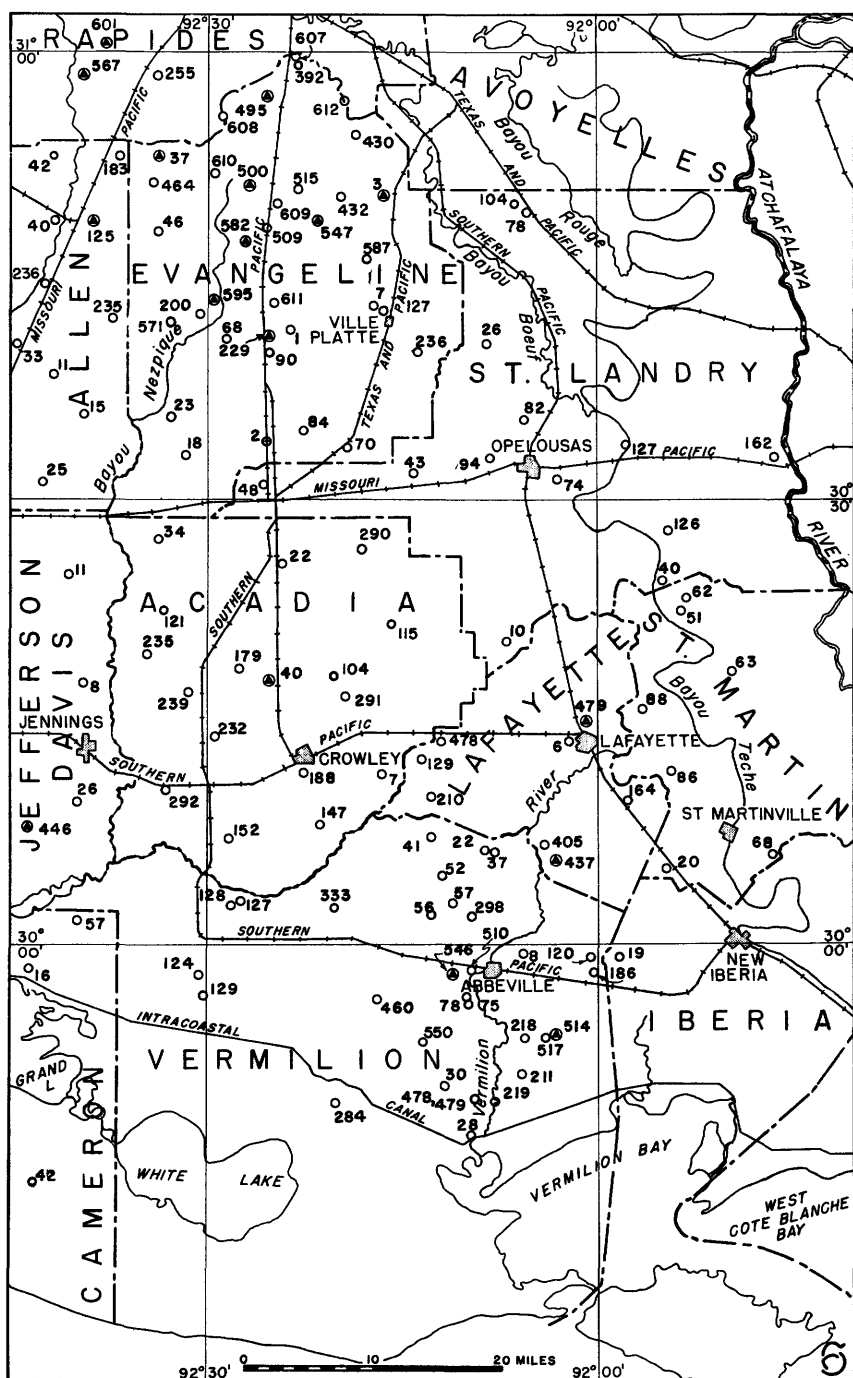


Figure 14. --Location of observation wells in Beauregard, Calcasieu, Cameron, Jefferson Davis, and Allen Parishes, La., 1954.



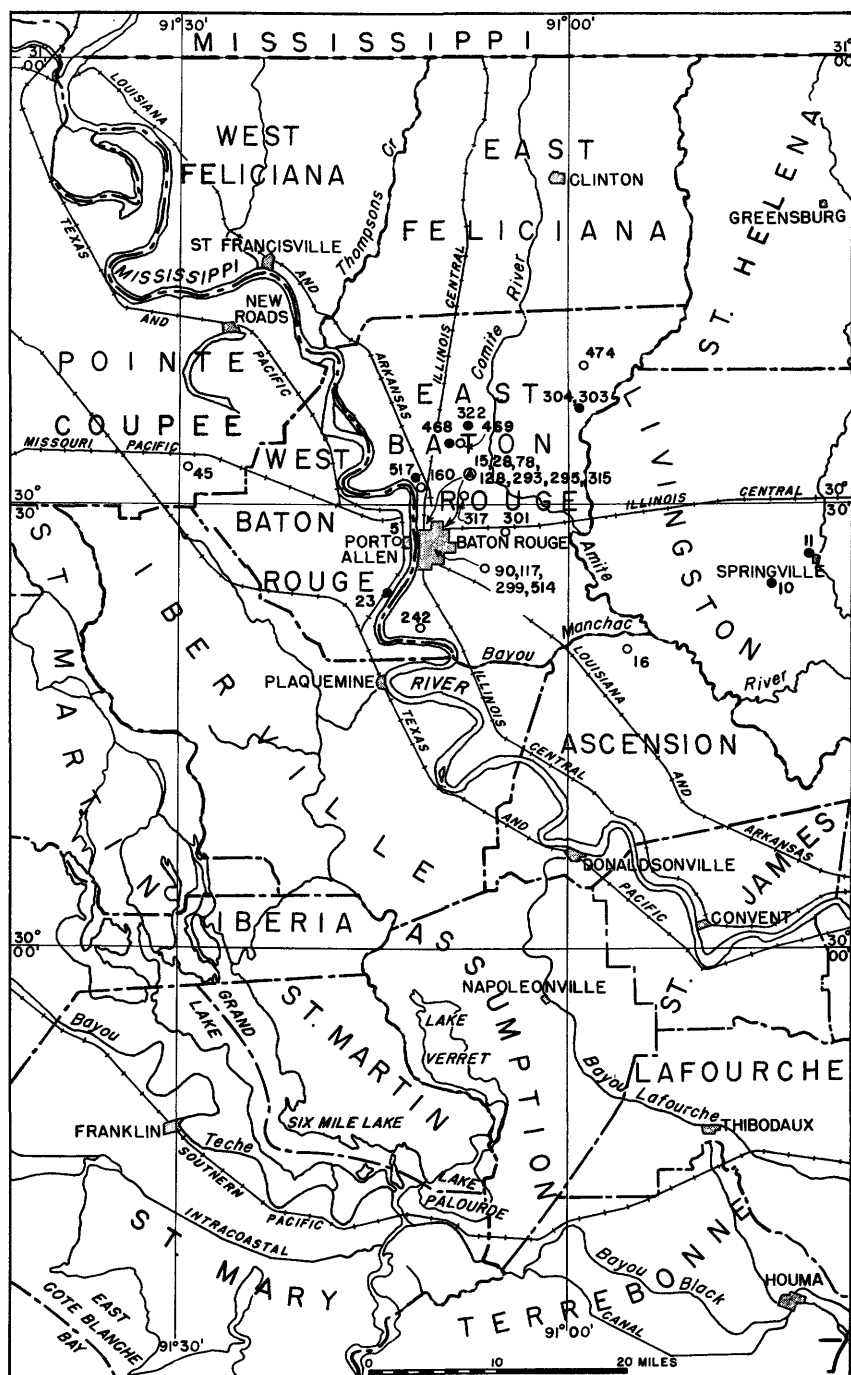


Figure 16. --Location of observation wells in Ascension, East Baton Rouge, West Baton Rouge, Pointe Coupee, and Livingston Parishes, La., 1954.

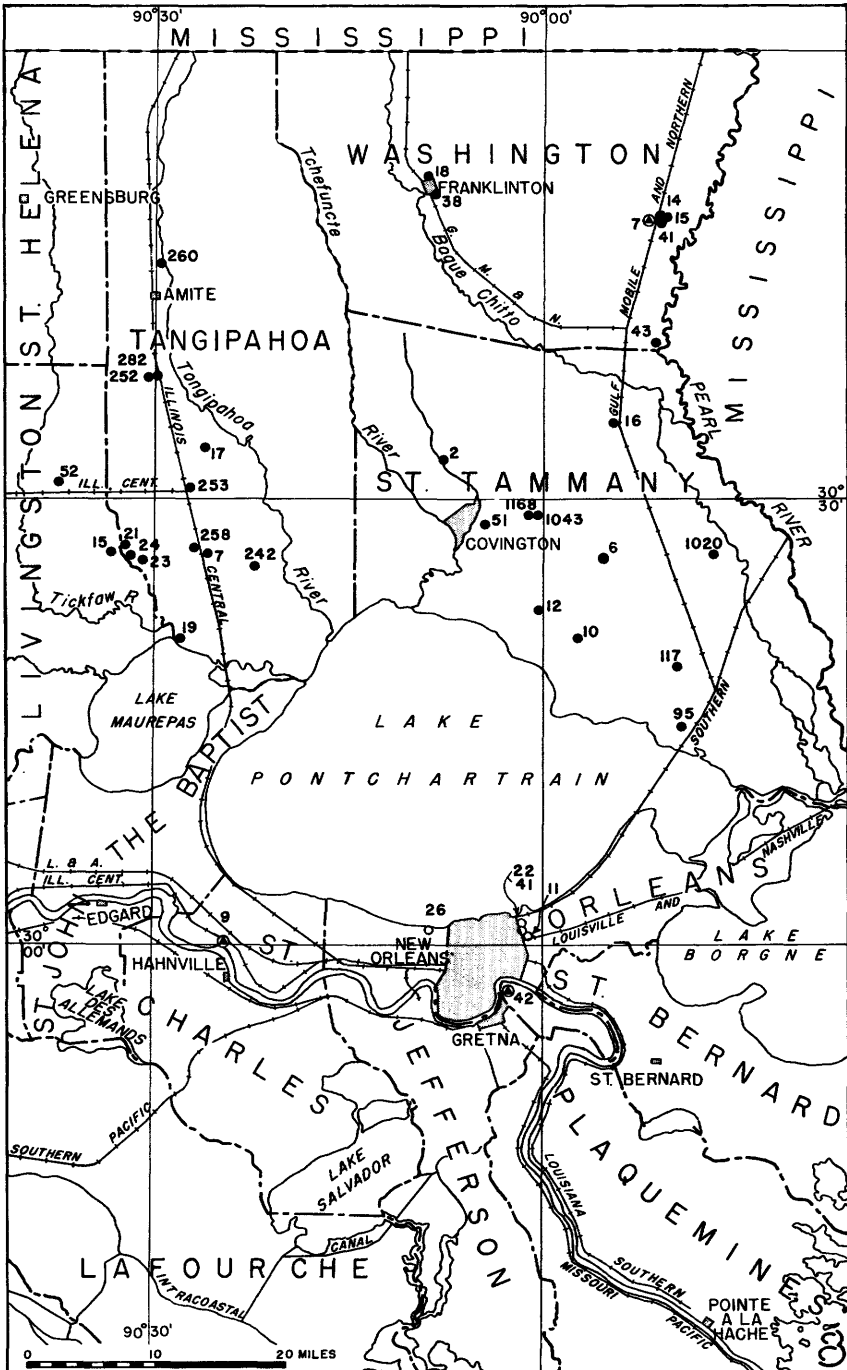


Figure 17. --Location of observation wells in Washington, St. Tammany, Tangipahoa, Orleans, St. Charles, Livingston, and Jefferson Parishes, La., 1954.

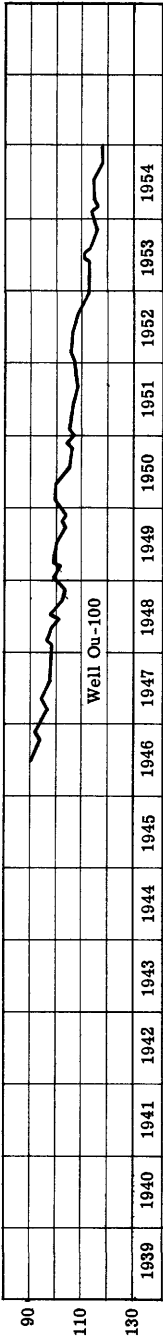


Figure 18. --Water level in well Ou-100, Monroe, La., 1946-54.

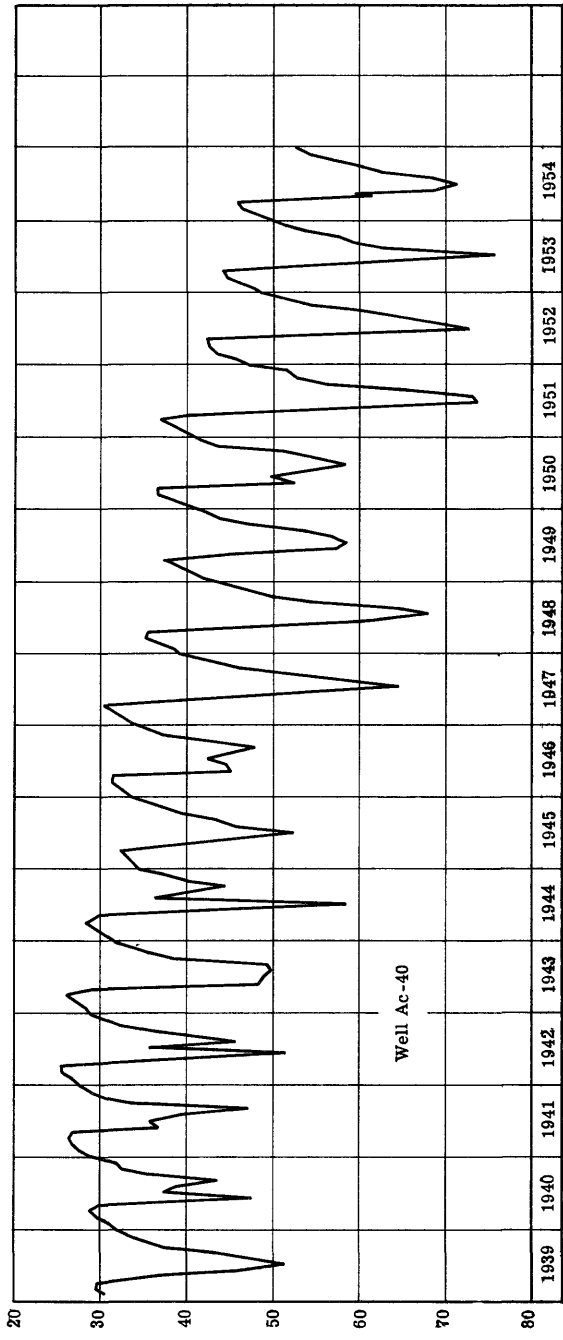


Figure 19. --Water level in well Ac-40, Crowley, La., 1939-54.

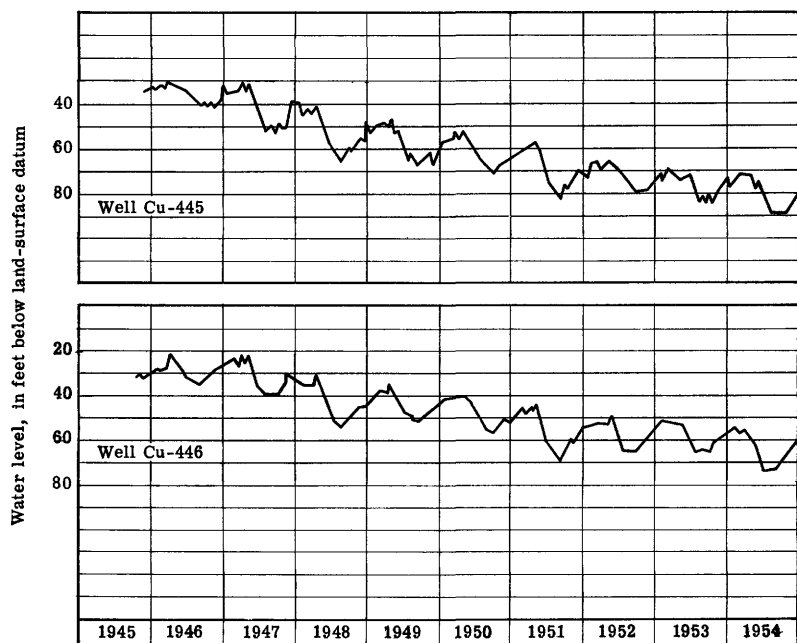


Figure 20. --Water levels in wells Cu-445 and Cu-446,
Lake Charles, La., 1945-54.

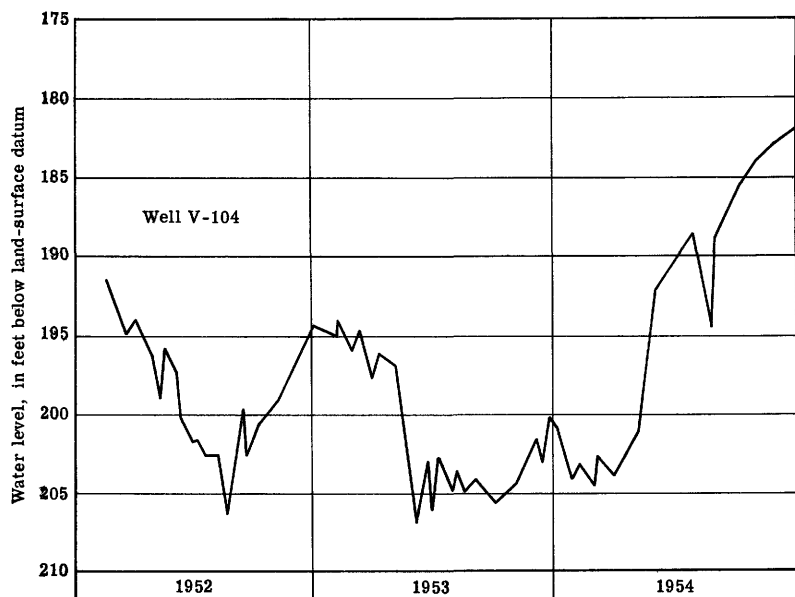


Figure 21. --Water level in well V-104, Camp Polk, La., 1952-54.

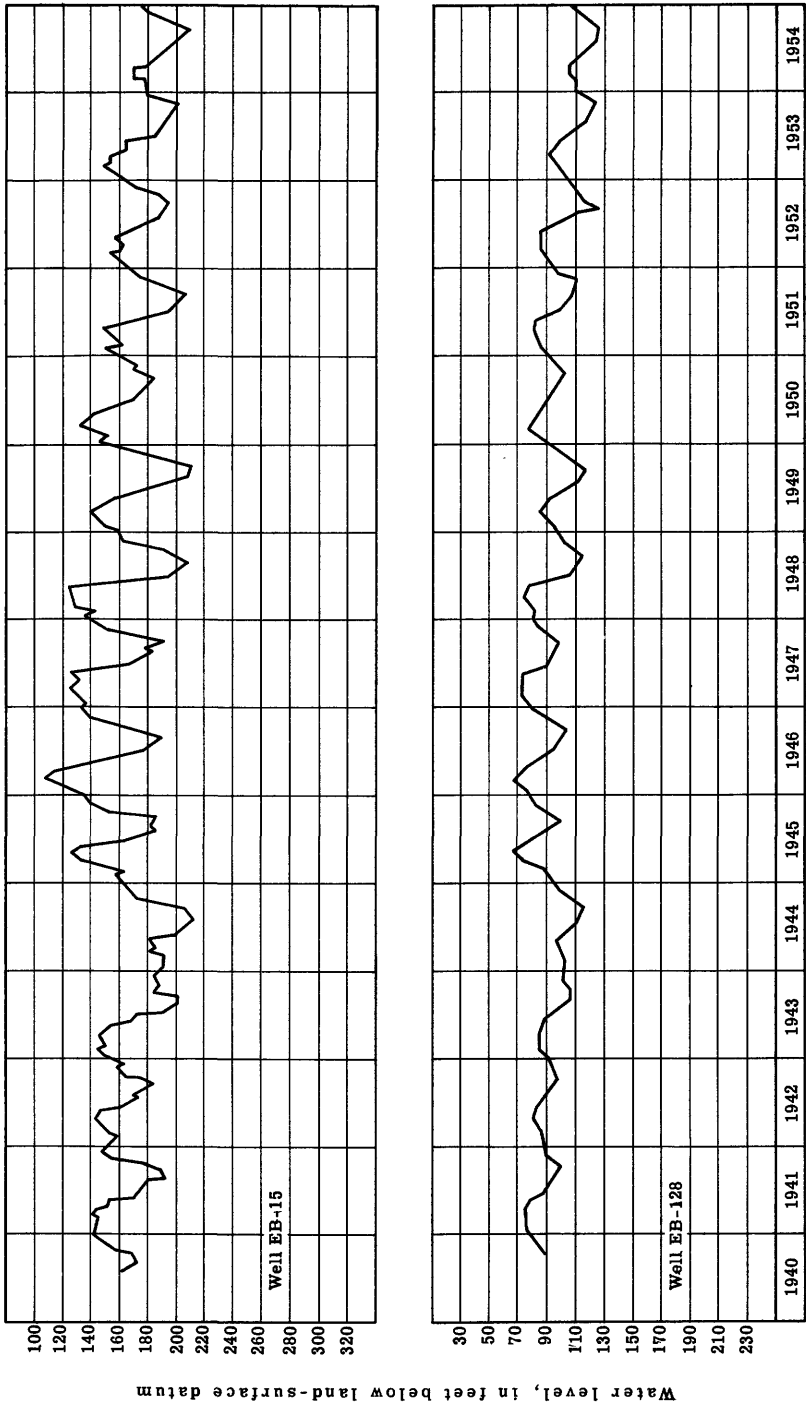


Figure 22. --Water levels in wells EB-15 and EB-128, Baton Rouge, La., 1940-54.

Well-Numbering System

The observation wells are listed alphabetically by parishes and numerically within each parish. The parishes are identified by one to three letters of the parish name.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum unless otherwise indicated. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed before the first entry in each column of each mixed table. Readings between minus signs are below the plane of reference, and those between plus signs are above the plane of reference.

Acadia Parish

Ac-7. Lozen Leger. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 10 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 365 feet, screen 300-360. Land-surface datum is 29.43 feet above msl. Highest water level 25.11 below lsd, Jan. 21, 1943; lowest 53.14 below lsd, Sept. 15, 1954. Records available: 1939-40, 1942-54. Mar. 16, 39.10; Sept. 15, 53.14.

Ac-22. Harry Frey. S $\frac{1}{2}$ sec. 19, T. 7 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 300 feet, screen 240-300. Land-surface datum is 44.59 feet above msl. Highest water level 39.17 below lsd, Jan. 21, 1943; lowest 91.15 below lsd, July 14, 1953. Records available: 1939-54. Feb. 2, 64.65; Mar. 17, 62.74; May 24, 86.08; July 27, 87.38; Aug. 26, 83.03; Oct. 19, 75.96.

Ac-34. F. N. Hayes. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 7 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 323 feet, screen 216-320. Land-surface datum is 43.28 feet above msl. Highest water level 38.44 below lsd, Jan. 21, 1943; lowest 73.53 below lsd, Sept. 14, 1954. Records available: 1939-48, 1950-54. Mar. 17, 59.10; Sept. 14, 73.53.

Ac-40. H. A. Kerr. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 9 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 8 inches, depth 303 feet. Land-surface datum is 31.91 feet above msl. Highest water level 25.36 below lsd, Apr. 3, 1942; lowest 76.64 below lsd, July 10, 1953. Records available: 1939-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	46.28	45.54	62.66	.....	72.67	66.70	62.16	59.65	56.55	54.32
2	46.24	45.52	59.15	.....	72.23	66.35	62.30	59.53	56.48	54.23
3	47.56	46.25	45.49	59.55	.....	.....	66.05	63.69	59.38	56.42	54.15
4	47.50	46.25	45.50	60.62	.....	.....	65.82	62.48	59.30	56.19	55.80
5	47.45	46.19	45.50	.....	.....	.....	65.59	62.41	61.33	56.18	54.22
6	47.40	46.10	45.57	.....	.....	.....	65.50	62.10	61.20	56.12	54.14
7	47.40	46.05	45.78	.....	.....	.....	67.23	61.90	59.04	56.03	54.05
8	47.37	46.00	46.48	.....	.....	.....	67.75	61.78	58.91	55.96	53.92
9	47.27	45.90	47.22	.....	.....	.....	67.49	61.84	58.79	55.88	54.04
10	47.18	45.86	47.87	.....	.....	.....	65.84	61.71	58.65	55.83	53.93
11	47.10	45.80	48.28	.....	.....	.....	65.77	61.65	58.48	55.78	53.94
12	47.15	45.75	50.90	.....	.....	.....	65.96	61.50	58.53	55.69	53.87
13	47.10	45.72	53.20	.....	.....	.....	.....	61.28	58.34	55.57	53.74
14	47.05	45.76	55.15	.....	.....	.....	.....	61.21	58.26	55.45	55.63
15	46.99	45.78	56.62	.....	.....	.....	.....	61.17	58.26	55.30	53.66
16	46.95	45.77	57.52	.....	.....	.....	.....	61.14	58.06	55.22	53.77
17	46.93	45.73	55.90	.....	.....	.....	.....	61.03	57.95	55.14	53.67
18	46.90	45.63	55.17	.....	.....	.....	.....	60.88	57.84	55.05	53.55
19	46.77	45.53	55.35	.....	.....	.....	.....	60.83	57.72	54.98	53.49
20	46.65	45.54	56.50	.....	.....	.....	.....	60.70	57.58	54.91	53.45
21	46.66	45.57	57.30	.....	h72.27	.....	.....	60.95	57.51	54.85	53.41
22	46.65	45.55	59.90	.....	71.52	.....	.....	61.46	57.43	54.79	53.30
23	46.57	45.51	59.87	.....	71.00	.....	.....	60.95	57.38	54.76	53.23
24	46.50	45.50	62.17	62.65	71.03	.....	.....	60.63	57.33	54.70	53.19
25	46.43	45.55	62.31	62.56	71.09	.....	.....	60.44	57.22	54.64	53.12
26	46.36	45.55	60.20	67.95	71.75	.....	.....	60.28	57.08	54.59	53.04
27	46.28	45.55	60.60	68.64	71.43	.....	62.93	60.20	56.95	54.46	54.76
28	46.30	45.54	61.38	68.73	71.16	68.35	62.76	60.02	56.82	54.33	52.93
29	45.52	62.45	.....	72.36	67.82	62.63	59.97	56.72	54.37	52.73
30	45.50	63.27	.....	75.65	67.41	62.45	59.83	56.66	54.37	52.73
31	45.50	.....	.....	.....	67.06	62.25	56.63	.....	.....	52.66

h Tape measurement.

Ac-104. Hanle Hartwell. $SE\frac{1}{2}SW\frac{1}{4}$ sec. 2, T. 9 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 8 inches, depth 300 feet. Land-surface datum is 36.36 feet above msl. Highest water level 26.66 below lsd, Feb. 6, 1947; lowest 58.08 below lsd, Sept. 11, 1946. Records available: 1939, 1944-53. Measurement discontinued.

Ac-115. Jack Daigle. $SE\frac{1}{2}$ sec. 77, T. 8 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 294 feet, screen 218-290. Land-surface datum is 51.65 feet above msl. Highest water level 36.90 below lsd, Nov. 26, 1945; lowest 69.81 below lsd, July 8, 1948. Records available: 1944-51, 1953. Measurement discontinued.

Ac-121. L. Medlenka. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 10, T. 8 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 277 feet, screen 217-277. Highest water level 60.93 below lsd, Mar. 16, 1954; lowest 72.09 below lsd, Sept. 15, 1954. Records available: 1954. Jan. 12, 63.38; Mar. 16, 60.93; Sept. 15, 72.09.

Ac-147. Ed Faulk. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 34, T. 10 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 298 feet. Land-surface datum is 17.78 feet above msl. Highest water level 16.19 below lsd, Mar. 13, 1947; lowest 40.20 below lsd, Sept. 13, 1954. Records available: 1939, 1944-54. Mar. 18, 27.52; Sept. 13, 40.20.

Ac-152. J. B. Broussard. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 4, T. 11 S., R. 1 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 276 feet, screen 195-275. Land-surface datum is 15.50 feet above msl. Highest water level 13.21 below lsd, Apr. 13, 1944; lowest 45.38 below lsd, July 31, 1951. Records available: 1939, 1944-54. Mar. 17, 27.06; Sept. 14, 39.78.

Ac-179. F. N. Hayes. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 34, T. 8 S., R. 1 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 333 feet, screen 245-329. Land-surface datum is 34.41 feet above msl. Highest water level 30.85 below lsd, Apr. 17, 1944; lowest 65.22 below lsd, Sept. 13, 1954. Records available: 1939-54. Mar. 16, 42.90; Sept. 13, 65.22.

Ac-188. Jules Baronet. $SE\frac{1}{4}NE\frac{1}{4}$ sec. 9, T. 10 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 350 feet. Land-surface datum is 22.97 feet above msl. Highest water level 19.91 below lsd, Apr. 12, 1944; lowest 49.85 below lsd, Sept. 13, 1954. Records available: 1944-54. Mar. 18, 34.72; Sept. 13, 49.85.

Ac-232. Sun Oil Co. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 29, T. 9 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 215 feet, screen 195-215. Land-surface datum is 14.65 feet above msl. Highest water level 19.19 below lsd, Mar. 22, 1950; lowest 41.85 below lsd, Sept. 13, 1954. Records available: 1949-52, 1954. Mar. 17, 27.59; Sept. 13, 41.85.

Ac-235. Henry Lejeune. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 28, T. 8 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 to 10 inches, depth 313 feet, screen 250-310. Land-surface datum is 37.46 feet above msl. Highest water level 42.86 below lsd, Mar. 22, 1950; lowest 66.47 below lsd, Sept. 13, 1954. Records available: 1949-54. Mar. 17, 52.01; Sept. 13, 66.47.

Ac-239. Acadia Parish School. $NE\frac{1}{2}$ irregular sec. 12, T. 9 S., R. 2 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 200 feet. Land-surface datum is 21.85 feet above msl. Highest water level 27.46 below lsd, Mar. 22, 1950; lowest 50.24 below lsd, Sept. 13, 1954. Records available: 1949-54. Mar. 17, 36.27; Sept. 13, 50.24.

Ac-290. Spears & Spears Estate. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 18, T. 7 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 300 feet, screen 220-300. Highest water level 69.15 below lsd, Mar. 3, 1954; lowest 83.69 below lsd, Sept. 15, 1954. Records available: 1954. Jan. 2, 71.50; Mar. 3, 69.15; Sept. 15, 83.69.

Ac-291. C. J. Jaumbrecher. Irregular sec. 12, T. 9 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 272 feet. Highest water level 45.55 below lsd, Mar. 16, 1954; lowest 60.75 below lsd, Sept. 15, 1954. Records available: 1954. Jan. 13, 48.27; Mar. 16, 45.55; Sept. 15, 60.75.

Ac-292. Sun Oil Co. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 48, T. 10 S., R. 2 W. Drilled observation well in sand of Pleistocene age, diameter 4 inches, depth 244 feet, screen 224-244. Records available: 1954. Mar. 17, 26.43; Sept. 14, 38.52.

Allen Parish

Al-11. Onezie Vincent. $SE\frac{1}{2}$ sec. 8, T. 5 S., R. 3 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 160 feet. Land-surface datum is 80.76 feet above msl. Highest water level 43.37 below lsd, July 9, 1948; lowest 60.48 below lsd, June 11, 1953. Records available: 1944-54. Mar. 19, 56.64; Sept. 16, 60.19.

Al-15. Ben Daigle. SW $\frac{1}{4}$ sec. 27, T. 5 S., R. 3 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 200 feet. Land-surface datum is 72.03 feet above msl. Highest water level 50.20 below lsd, Apr. 12, 1944; lowest 63.64 below lsd, Sept. 16, 1954. Records available: 1944-54. Mar. 19, 61.16; Sept. 16, 63.64.

Al-16. O. Lejeune. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 5 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 250 feet. Land-surface datum is 68.00 feet above msl. Highest water level 37.69 below lsd, Apr. 12, 1944; lowest 44.61 below lsd, Aug. 30, 1940. Records available: 1940-54. Mar. 19, 43.85. Measurement discontinued.

Al-18. W. J. Uncle. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 6 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 200 feet. Land-surface datum is 55.61 feet above msl. Highest water level 32.58 below lsd, Apr. 12, 1944; lowest 38.10 below lsd, Sept. 16, 1954. Records available: 1944-54. Mar. 19, 35.42; Sept. 16, 38.10.

Al-20. C. I. Kuntz. SW $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 14, T. 7 S., R. 5 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 200 feet. Land-surface datum is 43.49 feet above msl. Highest water level 32.58 below lsd, Apr. 12, 1944; lowest 50.78 below lsd, Oct. 2, 1953. Records available: 1944-54. Mar. 15, 49.84; Sept. 13, 49.92.

Al-21. Frank Odom. SE $\frac{1}{4}$ sec. 28, T. 6 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 260 feet. Land-surface datum is 50.93 feet above msl. Highest water level 34.04 below lsd, Apr. 12, 1944; lowest 43.15 below lsd, June 9, 1949. Records available: 1944-52. Measurement discontinued.

Al-22. Frank Odom. SW $\frac{1}{4}$ sec. 20, T. 6 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 to 10 inches, depth 280 feet. Land-surface datum is 48.18 feet above msl. Highest water level 30.65 below lsd, Apr. 25, 1947; lowest 40.28 below lsd, Oct. 2, 1953. Records available: 1944-54. Mar. 19, 39.89. Measurement discontinued.

Al-25. R. R. McClelland. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 6 S., R. 3 W. Drilled irrigation water-table well in sand of Pleistocene age, diameter 10 inches, depth 225 feet. Land-surface datum is 56.89 feet above msl. Highest water level 49.69 below lsd, May 12, 1947; lowest 67.05 below lsd, Sept. 14, 1954. Records available: 1946-54. Mar. 19, 63.13; Sept. 14, 67.05.

Al-33. M. Carroll. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 4 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 16 to 8 inches, depth 287 feet, screen 190-284. Land-surface datum is 83.68 feet above msl. Highest water level 38.60 below lsd, May 3, 1947; lowest 47.42 below lsd, Sept. 16, 1954. Records available: 1947-54. Feb. 5, 45.32; Mar. 18, 45.16; Sept. 16, 47.42; Oct. 20, 47.02.

Al-40. Industrial Lumber Co. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 3 S., R. 3 W. Dug domestic water-table well in deposits of Pleistocene age, size 4 $\frac{1}{2}$ feet by 4 $\frac{1}{2}$ feet, depth 16 feet. Highest water level 1.68 below lsd, Jan. 24, 1947; lowest 21.75 below lsd, Apr. 10, 1953. Records available: 1945, 1947-51, 1953-54. Apr. 10, 1953, 21.75; Sept. 24, 14.70; Mar. 16, 1954, 10.34; Sept. 16, 13.08.

Al-42. Oak Hill Church. NW $\frac{1}{4}$ sec. 20, T. 2 S., R. 3 W. Dug water-table well in deposits of Pleistocene age, size 15 by 18 inches, depth 18 feet. Highest water level 3.89 below lsd, Mar. 13, 1947; lowest 15.27 below lsd, Oct. 18, 1948. Records available: 1945-51, 1953-54. Apr. 10, 1953, 9.4; July 10, 12.92; Mar. 16, 1954, 14.34. Measurement discontinued.

Al-54. Kinder Canal Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 5 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 290 feet, screen 210-290. Land-surface datum is 62.99 feet above msl. Highest water level 26.62 below lsd, Apr. 5, 1948; lowest 36.79 below lsd, Sept. 16, 1954. Records available: 1945, 1947-54. Mar. 19, 35.55; Sept. 16, 36.79.

Al-88. Amos Ceaser. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 6 S., R. 5 W. Bored domestic water-table well in deposits of Pleistocene age, diameter 6 inches, depth 33 feet. Land-surface datum is 43.38 feet above msl. Highest water level 18.59 below lsd, Jan. 24, 1947; lowest 29.00 below lsd, Sept. 13, 1954. Records available: 1946-51, 1953-54. Mar. 18, 27.87; Sept. 13, 29.00.

Al-117. Calcasieu Paper Co. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 2 S., R. 4 W. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 163 feet, screen 90-160. Highest water level 59.25 below lsd, Nov. 22, 1952; lowest 81.87 below lsd, Sept. 3, 1952. Records available: 1951-52. No measurement made in 1954.

Al-125. M. D. Hargrove. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 3 S., R. 3 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 150 feet. Highest water level 30.58 below lsd, Jan. 27, 1947; lowest 37.83 below lsd, Dec. 30, 1954. Records available: 1947-54.

Al-125--Continued.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	36.61	36.28	36.55	36.70	36.51	36.18	36.78	.....	37.18	37.36	37.50	37.57
2	36.50	36.23	36.56	.....	36.47	36.19	36.80	.....	37.18	37.35	37.56	37.57
3	36.46	36.22	36.77	36.64	36.46	36.31	36.78	.....	37.17	37.35	37.50	37.57
4	36.57	36.24	36.76	36.62	36.32	36.35	36.78	.....	37.18	37.36	37.50	37.54
5	36.42	36.30	36.60	36.63	36.19	36.33	36.78	.....	37.20	37.36	37.53	37.56
6	36.55	36.29	36.57	36.62	.....	36.34	36.75	.....	37.18	37.37	37.46	37.57
7	36.54	36.46	36.57	36.59	.....	36.37	36.79	.....	37.16	37.44	37.50	37.57
8	36.53	36.36	36.56	36.65	.....	36.37	36.80	.....	37.17	37.39	37.52	37.57
9	36.48	36.24	36.48	36.65	.....	36.40	36.81	.....	37.18	37.34	37.50	37.57
10	36.44	36.20	36.42	36.65	36.04	36.40	36.56	.....	37.16	37.33	37.54	37.57
11	36.36	36.40	36.42	36.69	35.98	36.43	36.57	.....	37.26	37.33	37.55	37.57
12	36.58	36.52	36.48	36.70	35.98	36.45	36.57	.....	37.25	37.40	37.49	37.57
13	36.57	36.41	36.59	36.66	35.98	36.52	36.57	.....	37.25	37.35	37.43	37.57
14	36.54	36.37	36.72	36.62	36.01	36.52	36.57	.....	37.25	37.47	37.47	37.57
15	36.39	36.39	36.72	36.62	36.03	36.50	36.57	.....	37.25	37.39	37.47	37.56
16	36.34	36.47	.....	36.68	36.01	36.50	36.57	.....	37.27	37.43	37.56	37.59
17	36.35	36.53	.....	.....	36.00	36.63	36.56	.....	37.32	37.44	37.54	37.70
18	36.43	36.43	.....	.....	36.00	36.64	36.57	.....	37.32	37.48	37.51	37.66
19	36.43	36.32	.....	36.64	36.00	36.62	36.57	.....	37.30	37.48	37.52	37.71
20	36.35	.....	.....	36.63	36.06	36.62	36.57	.....	37.30	37.49	.....	37.70
21	36.32	.....	.....	36.58	36.06	36.66	36.57	.....	37.35	37.43	.....	37.65
22	36.40	.....	36.63	36.55	36.05	36.69	.....	.....	37.35	37.47	.....	37.64
23	36.44	36.47	36.62	36.55	36.06	36.73	.....	.....	37.35	37.50	.....	37.73
24	36.38	36.50	36.62	36.55	36.05	36.74	.....	.....	37.36	37.48	37.64	37.75
25	36.38	36.44	36.68	36.54	.....	36.76	.....	.....	37.36	37.48	37.62	37.75
26	36.35	36.44	36.71	36.52	.....	36.75	.....	.....	37.35	37.45	37.58	37.73
27	36.44	36.40	36.60	36.49	.....	36.75	.....	37.15	37.33	37.49	37.54	37.65
28	36.35	36.66	36.60	36.56	36.10	36.75	.....	37.17	37.33	37.42	37.52	37.57
29	36.30	.....	36.54	36.56	36.15	36.75	.....	37.10	37.36	37.48	37.57	37.80
30	36.35	.....	36.57	36.58	36.23	36.75	.....	37.08	37.36	37.50	37.57	37.76
31	36.37	.....	36.61	.....	36.20	.....	.....	37.14	.....	37.53	.....	37.65

e Estimated.

h Tape measurement.

Al-167. Calcasieu Paper Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 2 S., R. 4 W. Drilled observation water-table well in sand of Pleistocene age, diameter 4 inches, depth 156 feet, screen 136-156. Highest water level 64.50 below lsd, May 6, 1952; lowest 70.84 below lsd, Dec. 15, 1951. Records available: 1951-52. Measurement discontinued.

Al-168. Calcasieu Paper Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 2 S., R. 4 W. Drilled observation water-table well in sand of Pleistocene age, diameter 4 inches, depth 156 feet, screen 135-156. Highest water level 57.79 below lsd, May 6, 1952; lowest 62.29 below lsd, Mar. 23, 1952. Records available: 1951-52. Measurement discontinued.

Al-183. W. B. Hoffpaur. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 2 S., R. 2 W. Bored domestic water-table well in deposits of Pleistocene age, diameter 1 $\frac{1}{4}$ inches, depth 37 feet. Highest water level 22.44 below lsd, Apr. 28, 1953; lowest 24.38 below lsd, Sept. 16, 1954. Records available: 1953-54. Apr. 28, 1953, 22.44; July 13, 22.84; Sept. 29, 23.54; Mar. 18, 1954, 23.18; Sept. 16, 24.38.

Al-212. Mrs. Olin McGee. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 34, T. 6 S., R. 5 W. Bored domestic water-table well in sand of Recent age, diameter 6 inches, depth 46 feet. Highest water level 34.04 below lsd, May 27, 1953; lowest 37.10 below lsd, Oct. 29, 1953. Records available: 1953-54. Mar. 18, 36.99. Measurement discontinued.

Al-230. Industrial Lumber Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 6 S., R. 7 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 inches, depth 450 feet. Highest water level 30.50 below lsd, May 26, 1954; lowest 32.64 below lsd, Sept. 13, 1954. Records available: 1954. Mar. 4, 31.38; Mar. 18, 30.98; May 26, 30.50; Sept. 13, 32.64.

Al-231. Lawrence Fontenot. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 6 S., R. 6 W. Drilled irrigation artesian well in sand of Pleistocene age, depth 280 feet. Records available: 1954. Mar. 18, 28.99; Sept. 13, 31.06.

Al-232. Clovis Benoit. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 4 S., R. 5 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 225 feet. Records available: 1954. Mar. 19, 37.47; Sept. 16, 38.70.

Al-233. Vidune & Fusilier. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 4 S., R. 6 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 205 feet, screen 165-205. Highest water level 29.53 below lsd, Mar. 19, 1954; lowest 31.84 below lsd, Sept. 16, 1954. Records available: 1954. Mar. 5, 29.67; Mar. 19, 29.53; Sept. 16, 31.84.

Al-235. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 4 S., R. 3 W. Jetted observation water-table well in sand of Pleistocene age, diameter 1 $\frac{1}{4}$ inches, depth 77 feet, screen 72-75. Highest water level 45.78 below lsd, Feb. 24, 1954; lowest 46.40 below lsd, Mar. 15, 1954. Records available: 1954. Feb. 12, 46.08; Feb. 24, 45.78; Mar. 15, 46.40; Sept. 15, 46.11.

Al-236. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 4 S., R. 3 W. Jetted observation water-table well in sand of Pleistocene age, diameter 1 $\frac{1}{4}$ inches, depth 77 feet, screen 72-77. Highest water level 36.73 below lsd, Feb. 23, 1954; lowest 38.04 below lsd, Sept. 16, 1954. Records available: 1954. Feb. 23, 36.73; Feb. 24, 36.77; Mar. 15, 37.03; Sept. 16, 38.04.

Ascension Parish

An-16. L. E. Hausey. NE $\frac{1}{4}$ sec. 20, T. 8 S., R. 3 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 1,693 feet, screen 1,663-1,693. Highest water level 45.05 above lsd, Oct. 4, 1954; lowest 43.73 above lsd, Dec. 8, 1954. Records available: 1954. Oct. 4, +45.05; Nov. 3, +45.04; Dec. 8, +43.73.

Beauregard Parish

Be-2. Southern Pacific RR. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 6 S., R. 8 W. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 276 feet. Land-surface datum is 83.83 feet above msl. Highest water level 41.54 below lsd, Apr. 27, 1944; lowest 56.52 below lsd, July 16, 1954. Records available: 1943-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	51.81	e51.7	51.65	51.65	52.11	53.64	55.88	55.83	55.42	54.66	54.24	54.15
2	51.88	e51.7	51.59	51.60	52.10	53.66	55.91	55.68	55.37	54.63	54.30	54.09
3	51.81	e51.7	51.82	51.60	52.23	53.80	55.99	55.62	55.31	54.58	54.20	54.01
4	51.84	h51.63	51.73	51.57	52.43	54.01	56.02	55.56	55.27	54.54	54.18	53.98
5	51.86	51.70	51.57	51.57	52.62	54.16	55.98	55.47	55.25	54.52	54.22	53.93
6	51.87	51.67	51.46	51.55	52.76	54.27	56.03	55.40	55.21	54.52	54.16	54.13
7	51.79	51.79	51.44	51.53	52.92	54.38	56.09	55.37	55.14	54.52	54.15	54.09
8	51.77	51.81	51.50	51.47	53.04	54.50	56.16	55.39	55.08	54.51	54.17	53.97
9	51.69	51.65	51.64	51.52	53.08	54.60	56.18	55.43	55.07	54.44	54.15	54.09
10	51.88	51.59	51.69	51.54	53.04	54.70	56.19	55.54	55.05	54.40	54.16	54.10
11	51.82	51.60	51.70	51.58	53.00	54.79	56.19	55.71	55.05	54.32	54.17	54.00
12	51.84	51.82	51.80	51.59	52.87	54.91	56.18	55.94	55.04	54.30	54.12	53.96
13	51.74	51.76	51.82	51.54	52.94	54.98	56.23	56.12	54.99	54.32	54.05	54.01
14	51.62	51.68	.....	51.47	52.97	55.06	56.34	56.25	54.97	54.31	54.02	53.94
15	51.76	51.66	.....	51.42	52.93	55.12	56.43	56.30	54.90	54.42	53.96	54.02
16	51.82	51.71	.....	51.56	52.86	55.19	56.50	56.26	54.83	54.40	54.00	53.95
17	51.76	51.73	51.65	51.57	52.82	55.27	56.50	56.24	54.82	54.40	54.01	54.00
18	51.71	51.65	51.52	.....	52.88	55.34	56.38	56.23	54.82	54.38	54.02	54.00
19	51.69	51.56	51.44	.....	52.94	55.38	56.24	56.22	54.80	54.36	54.03	54.05
20	51.76	51.66	51.54	.....	53.13	55.40	56.09	56.17	54.76	54.33	54.03	54.05
21	e51.7	51.72	51.60	51.80	53.31	55.31	55.98	56.12	54.74	54.27	54.01	53.98
22	e51.7	51.71	51.58	51.82	53.40	55.44	55.88	56.04	54.78	54.26	54.03	53.94
23	e51.7	51.64	51.54	51.87	.....	55.56	55.78	55.97	54.76	54.29	.....	53.98
24	e51.7	51.63	51.54	51.87	.....	55.63	55.70	55.89	54.73	54.29	.....	53.98
25	e51.7	51.57	51.57	51.83	.....	55.64	55.82	55.81	54.73	54.26	.....	53.99
26	e51.7	51.53	51.62	51.80	.....	55.68	.....	55.75	54.71	54.23	h54.02	53.98
27	e51.7	51.48	51.48	51.84	53.46	55.71	.....	55.73	54.66	54.29	54.00	53.92
28	e51.7	51.70	51.51	51.87	53.42	55.71	55.94	55.72	54.68	54.20	53.93	53.83
29	e51.7	.....	51.46	51.93	53.51	55.75	55.93	55.66	54.71	54.22	54.19	54.00
30	e51.7	.....	51.48	52.03	53.61	55.82	55.96	55.48	54.70	54.25	54.19	54.03
31	e51.7	.....	51.55	.....	53.62	.....	55.96	55.43	.....	54.27	.....	53.94

e Estimated.

h Tape measurement.

Be-74. Whitney Giraud. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 7 S., R. 9 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 16 to 10 inches, depth 363 feet, screen 280-360. Land-surface datum is 82.05 above msl. Highest water level 50.12 below lsd, Apr. 29, 1949; lowest 67.07 below lsd, Sept. 14, 1954. Records available: 1949-54. Mar. 18, 61.69; Sept. 14, 67.07.

Be-102. T. Chelette. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 30, T. 3 S., R. 7 W. Drilled domestic water-table well in deposits of Pleistocene age, diameter 8 inches, depth 42 feet. Land-surface datum is 129.70 feet above msl. Highest water level 23.06 below lsd, May 21, 1953; lowest 32.00 below lsd, Dec. 29-31, 1954. Records available: 1951-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	29.19	e29.3	29.93	30.13	.....	.....	.....	.....	.....	.....	31.73	.....
2	29.23	e29.3	29.93	30.15	.....	.....	.....	.....	.....	.....	.....	.....
3	29.31	e29.3	29.93	30.17	27.60	.....	.....	.....	.....	.....	.....	.....
4	29.33	h29.48	29.93	30.18	27.38	.....	.....	.....	.....	.....	.....	.....
5	29.38	29.52	29.94	30.20	27.34	.....	.....	.....	.....	.....	.....	.....
6	29.40	29.54	29.94	30.22	27.31	.....	.....	.....	.....	.....	h31.91	.....
7	29.42	29.58	29.94	30.24	27.29	.....	.....	.....	.....	.....	.....	.....
8	29.42	29.59	e29.95	30.26	27.35	.....	.....	.....	.....	.....	.....	.....
9	29.45	29.59	.....	30.24	27.44	.....	.....	.....	.....	.....	.....	.....
10	29.41	29.61	.....	30.22	27.53	.....	.....	.....	.....	.....	.....	.....
11	e29.3	29.64	.....	30.23	27.57	.....	.....	.....	.....	.....	.....	.....
12	e29.3	29.68	.....	30.26	27.48	.....	.....	.....	.....	.....	.....	.....
13	e29.3	29.68	.....	30.29	27.38	.....	.....	.....	.....	.....	.....	.....
14	e29.3	29.69	.....	30.31	27.34	.....	.....	.....	.....	.....	.....	.....
15	e29.3	29.71	.....	30.11	27.32	.....	.....	.....	.....	.....	.....	.....
16	e29.3	29.75	.....	29.90	27.35	.....	.....	.....	.....	.....	.....	.....
17	e29.3	29.76	.....	29.79	27.43	.....	.....	.....	31.27	.....	.....	.....
18	e29.3	29.76	.....	29.71	27.50	.....	.....	.....	.....	.....	.....	.....
19	e29.3	29.77	30.08	29.66	27.56	.....	.....	.....	.....	.....	.....	.....
20	e29.3	29.76	30.10	29.73	27.64	.....	.....	.....	.....	.....	.....	.....
21	e29.3	29.76	30.11	29.76	27.69	.....	.....	.....	.....	31.66	.....	.....
22	e29.3	29.76	30.10	29.85	27.74	.....	.....	.....	.....	31.69	.....	.....
23	e29.3	29.78	30.11	29.93	.....	h29.74	.....	.....	.....	31.68	.....	31.97
24	e29.3	29.79	30.13	29.98	.....	.....	.....	.....	.....	31.67	.....	31.97
25	e29.3	29.87	30.15	30.04	.....	.....	.....	.....	.....	31.70	.....	31.98
26	e29.3	29.87	30.16	30.09	h27.83	.....	.....	.....	.....	31.72	.....	31.99
27	e29.3	29.89	30.16	30.13	.....	.....	.....	.....	.....	31.72	.....	31.99
28	e29.3	29.92	30.07	30.16	.....	.....	30.61	.....	.....	31.70	.....	31.99
29	e29.3	.....	30.04	30.21	.....	.....	30.63	.....	.....	31.70	.....	32.00
30	e29.3	.....	30.05	30.25	.....	.....	.....	.....	.....	31.71	.....	32.00
31	e29.3	.....	30.07	.....	.....	.....	.....	.....	.....	31.72	.....	32.00

e Estimated.

h Tape measurement.

Bienville Parish

Bi-2. Town of Gibsland. Water plant. Drilled public-supply artesian well in Sparta sand, diameter 8 inches, depth 500 feet. Highest water level 43.82 below lsd, Mar. 17, 1947; lowest 58.38 below lsd, Sept. 7, 1954. Records available: 1940, 1947-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	53.40	May 20	52.39	Aug. 4	56.85	Nov. 18	55.13
Mar. 10	52.58	June 16	56.59	Sept. 7	58.38	Dec. 29	56.08
Apr. 14	53.90						

Bi-4. Town of Arcadia. Drilled public-supply artesian well in Sparta sand, diameter 6 inches, depth 585 feet, screen 500-585. Highest water level 159.08 below lsd, Apr. 26, 1950; lowest 185.60 below lsd, Nov. 18, 1953. Records available: 1940, 1949-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	172.41	May 20	174.83	Aug. 4	178.76	Nov. 18	167.82
Mar. 10	164.57	June 16	178.27	Sept. 7	171.38	Dec. 29	175.28
Apr. 14	165.66						

Calcasieu Parish

Cu-3. Gulf States Utilities. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 9 S., R. 8 W. Drilled public-supply artesian well in sand of Pleistocene age, diameter 18 inches, depth 700 feet. Highest water level 51.60 below lsd, Apr. 7, 1952; lowest 86.23 below lsd, Sept. 16, 1954. Records available: 1951-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5	60.80	Apr. 20	61.64	June 22	77.80	Nov. 11	73.21
Mar. 15	57.85	May 26	68.22	Sept. 16	86.23	Dec. 10	72.46

Cu-12. Columbia-Southern Chemical Corp. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 10 S., R. 9 W. Drilled unused artesian well in sand and gravel of Pleistocene age, diameter 6 to 4 inches, depth 456 feet, screen 414-456. Land-surface datum is 11.95 feet above msl. Highest water level 47.53 below lsd, May 1, 1950; lowest 65.34 below lsd, Oct. 2, 1952. Records available: 1950-54. Feb. 5, 60.20; Mar. 15, 59.78; Sept. 15, 62.22.

Cu-16. Magnolia Petroleum Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 10 S., R. 9 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 382 feet. Land-surface datum is 9.58 feet above msl. Highest water level 34.2 below lsd, May 11, 1950; lowest 50.78 below lsd, Sept. 16, 1954. Records available: 1950-54. Feb. 5, 46.53; Mar. 17, 46.03; Sept. 16, 50.78.

Cu-22. Magnolia Petroleum Co. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, T. 10 S., R. 9 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 560 feet. Land-surface datum is 4.17 feet above msl. Highest water level 7.70 below lsd, Apr. 21, 1943; lowest 75.37 below lsd, July 28, 1954. Records available: 1943-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	59.01	57.48	56.53	56.30	57.80	60.77	70.48	74.66	74.62	.....	.....	66.52
2	58.84	57.50	56.20	56.16	58.00	60.99	70.48	74.69	.....	.....	69.99	66.47
3	58.91	57.45	56.42	56.04	58.86	61.41	70.98	74.59	.....	.....	69.90	66.41
4	58.89	.....	56.20	55.97	59.00	61.75	71.20	.....	.....	.....	69.50	.....
5	58.93	57.33	56.10	55.79	58.84	61.80	71.30	74.55	.....	.....	69.58	.....
6	58.95	57.20	56.20	55.73	58.69	61.90	71.40	74.59	.....	.....	69.22	.....
7	58.89	57.40	56.19	55.78	58.69	62.20	71.65	74.57	.....	.....	69.14	.....
8	58.77	57.25	56.13	55.75	58.92	62.59	71.83	74.51	.....	.....	69.09	.....
9	58.71	57.10	56.15	55.87	59.08	62.90	72.03	74.45	74.19	.....	69.02	.....
10	58.57	56.88	56.37	55.95	59.29	63.50	72.30	74.58	74.23	.....	69.00	h66.04
11	58.80	56.80	56.63	56.05	59.53	64.20	72.53	74.46	74.29	.....	69.07	65.89
12	58.80	56.80	56.20	56.18	59.71	64.87	72.83	74.23	74.38	.....	68.89	65.78
13	58.64	56.62	56.24	56.29	60.74	65.29	73.02	.....	.....	.....	68.73	65.94
14	58.49	56.40	56.32	56.37	60.39	65.67	73.36	.....	.....	.....	68.70	65.98
15	58.29	56.23	.....	56.32	60.19	66.04	73.69	.....	.....	.....	68.22	66.07
16	58.35	56.37	.....	56.82	60.05	66.30	73.89	.....	.....	.....	68.48	66.01
17	58.35	56.42	h56.79	57.05	59.92	66.63	74.05	.....	.....	.....	68.33	66.03
18	58.20	56.37	56.61	57.17	59.92	66.98	74.03	.....	.....	.....	68.31	65.98
19	58.04	56.18	56.52	.....	60.08	67.29	74.06	.....	.....	.....	68.30	65.81
20	57.85	56.50	56.67	.....	60.30	67.38	74.09	.....	.....	.....	68.22	65.52
21	57.98	56.55	56.70	57.32	60.32	67.63	74.11	.....	.....	.....	68.03	65.31
22	58.25	56.63	56.58	57.33	60.38	68.00	74.28	.....	.....	.....	67.96	65.23
23	58.25	56.59	56.58	57.42	.....	68.38	74.40	.....	.....	.....	67.90	65.29
24	58.15	56.88	56.58	57.46	.....	68.65	74.60	.....	.....	.....	67.62	65.33
25	e57.8	56.76	56.65	57.47	.....	68.74	.....	74.42	.....	.....	67.58	65.22
26	e57.8	56.70	56.72	57.29	60.73	69.08	.....	74.39	.....	.....	67.31	65.02
27	e57.8	56.52	56.67	57.20	60.79	69.48	.....	74.40	.....	.....	67.19	64.88
28	e57.8	56.72	56.65	57.19	60.59	69.79	75.37	74.53	.....	.....	67.01	64.72
29	e57.8	.....	56.50	57.39	60.61	69.99	74.82	74.52	.....	.....	67.09	64.83
30	e57.8	.....	56.33	57.43	60.73	70.11	74.86	74.49	.....	.....	66.72	64.77
31	e57.8	.....	56.23	.....	60.74	.....	74.76	74.52	.....	.....	.....	64.60

e Estimated.

h Tape measurement.

Cu-82. Mathieson Chemical Corp. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, T. 9 S., R. 9 W. Drilled unused artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 511 feet. Land-surface datum is 15.41 feet above msl. Highest water level 72.2 below lsd, Dec. 3, 1950; lowest 88.07 below lsd, Sept. 23, 1952. Records available: 1950-54. Mar. 15, 80.11; Sept. 16, 84.65.

Cu-115. Krause & Managan. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 9 S., R. 10 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 348 feet. Land-surface datum is 9.09 feet above msl. Highest water level 0.90 below lsd, Apr. 28, 1944; lowest 22.78 below lsd, Sept. 14, 1954. Records available: 1943-54. Mar. 18, 18.29; Sept. 14, 22.78.

Cu-120. Mathieson Chemical Corp. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 11 S., R. 10 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 700 feet. Land-surface datum is 6.42 feet above msl. Highest water level 3.18 below lsd, Apr. 11, 1944; lowest 42.90 below lsd, Sept. 14, 1954. Records available: 1943-54. Mar. 16, 31.03; Sept. 14, 42.90.

Cu-125. Cooper Patterson. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 10 S., R. 10 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 700 feet. Land-surface datum is 15.92 feet above msl. Highest water level 10.23 below lsd, Apr. 11, 1944; lowest 55.61 below lsd, Aug. 6, 1951. Records available: 1943-54. Mar. 17, 47.20; Sept. 14, 51.08.

Cu-161. Calcasieu-Marine National Bank. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 26, T. 11 S., R. 7 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 500 feet. Land-surface datum is 11.18 feet above msl. Highest water level 9.18 below lsd, July 9, 1946; lowest 50.56 below lsd, Sept. 19, 1951. Records available: 1944-54. Mar. 16, 24.84; Sept. 14, 46.20.

Cu-173. Charles Linkswiler. $NE\frac{1}{4}SW\frac{1}{4}$ sec. 26, T. 10 S., R. 8 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 726 feet. Land-surface datum is 22.14 feet above msl. Highest water level 28.79 below lsd, Mar. 10, 1947; lowest 70.11 below lsd, Sept. 14, 1954. Records available: 1946-47, 1949-50, 1952-54. Mar. 16, 51.75; Sept. 14, 70.11.

Cu-208. W. L. Caldwell. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 6, T. 8 S., R. 8 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 20 to 10 inches, depth 467 feet, screen 351-467. Land-surface datum is 38.44 feet above msl. Highest water level 23.10 below lsd, May 26, 1947; lowest 46.48 below lsd, Sept. 14, 1954. Records available: 1946-54. Mar. 18, 36.96; Sept. 14, 46.48.

Cu-209. J. P. Tucker. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 14, T. 9 S., R. 9 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 3 inches, depth 200 feet. Highest water level 40.60 below lsd, Mar. 11, 1947; lowest 53.28 below lsd, Dec. 23, 1953. Records available: 1946-51, 1953-54. Dec. 23, 1953, 53.28; Feb. 5, 1954, 52.84; Mar. 15, 52.44.

Cu-222. Hardy Johnson. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 3, T. 9 S., R. 13 W. Drilled unused artesian well in sand of Pleistocene age, diameter 6 to 4 inches, depth 627 feet. Land-surface datum is 24.71 feet above msl. Highest water level 2.03 below lsd, May 30, 1944; lowest 28.21 below lsd, Sept. 10, 1951. Records available: 1943-54. Mar. 17, 5.66; Apr. 1, 4.85; Sept. 13, 27.91.

Cu-228. R. Royer. $SW\frac{1}{4}NW\frac{1}{4}$ sec. 14, T. 9 S., R. 12 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 425 feet, screen 400-420. Land-surface datum is 27.38 feet above msl. Highest water level 10.08 below lsd, Apr. 11, 1944; lowest 35.07 below lsd, Sept. 14, 1954. Records available: 1944-54. Mar. 17, 23.24; Sept. 14, 35.07.

Cu-240. Owner unknown. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 28, T. 9 S., R. 11 W. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 500 feet. Land-surface datum is 19.52 feet above msl. Highest water level 7.40 below lsd, Apr. 11, 1944; lowest 38.24 below lsd, Sept. 21, 1951. Records available: 1944-54. Sept. 14, 12.37.

Cu-245. W. R. Keever. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 34, T. 8 S., R. 10 W. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 300 feet. Land-surface datum is 19.07 feet above msl. Highest water level 6.28 below lsd, June 12, 1946; lowest 19.76 below lsd, Sept. 14, 1954. Records available: 1945-54. Mar. 18, 16.24; Sept. 14, 19.76.

Cu-256. Mathilda Gray. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 1, T. 11 S., R. 12 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 516 feet. Land-surface datum is 8.47 feet above msl. Highest water level 11.03 below lsd, Mar. 23, 1950; lowest 30.08 below lsd, Oct. 2, 1952. Records available: 1950-54. Mar. 17, 21.43.

Cu-267. Owner unknown. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 8, T. 11 S., R. 8 W. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 500 feet. Highest water level 8.09 below lsd, Jan. 7, 1947; lowest 33.66 below lsd, Sept. 29, 1953. Records available: 1944-54. Mar. 16, 30.69; Sept. 15, 22.40. Measurement discontinued.

Cu-347. Amy Waite Estate. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 26, T. 9 S., R. 7 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 280 feet, screen 214-284. Land-surface datum is 23.07 feet above msl. Highest water level 20.75 below lsd, Mar. 10, 1947; lowest 50.95 below lsd, Sept. 13, 1954. Records available: 1946-54. Mar. 15, 37.52; Sept. 13, 50.95.

Cu-440. Department of Air Force. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 2, T. 10 S., R. 8 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 500 feet. Land-surface datum is 11.93 feet above msl. Highest water level 13.62 below lsd, Apr. 11, 1944; lowest 51.71 below lsd, Sept. 28, 1953. Records available: 1944, 1947-54. Mar. 15, 43.18; Sept. 14, 47.08.

Cu-445. Cities Service Refining Corp. Lake Charles. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 18, T. 10 S., R. 9 W. Drilled unused artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 540 feet. Land-surface datum is 12.26 feet above msl. Highest water level 30.9 below lsd, Apr. 19-20, 1947; lowest 92.25 below lsd, Sept. 13, 1954. Records available: 1945-54.

Cu-445--Continued.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	78.22	76.28	73.91	73.20	74.84	75.10	85.88	90.65	91.32	91.04	86.85	83.65
2	77.55	76.48	73.67	73.15	75.60	75.72	85.85	90.73	91.96	90.47	86.16	83.73
3	77.77	76.38	73.66	72.95	76.45	76.38	86.85	90.78	92.08	90.11	87.30	84.10
4	77.85	.....	73.11	73.03	76.69	76.05	86.47	90.65	91.76	89.82	86.97	84.07
5	77.81	75.90	72.99	72.68	76.45	76.15	86.45	90.67	91.63	89.65	86.67	84.05
6	77.98	75.89	73.87	72.73	76.01	76.29	86.54	90.82	91.29	90.30	86.13	84.19
7	77.57	75.95	73.93	73.43	76.00	76.55	86.94	.....	91.52	90.25	86.33	84.08
8	77.60	.....	73.87	72.74	80.87	76.71	86.70	.....	91.09	90.38	86.37	83.30
9	77.52	.....	73.72	73.38	80.85	76.74	87.30	h90.74	91.40	.....	86.51	h83.05
10	77.33	.....	73.86	73.85	76.61	78.50	87.55	90.92	91.42	.....	86.65	h84.46
11	77.67	.....	73.97	74.02	76.82	80.42	87.75	89.58	91.25	.....	87.48	84.34
12	77.50	74.78	74.17	73.98	77.00	82.57	88.39	89.44	92.23	.....	87.22	84.09
13	77.30	74.57	74.32	74.06	79.63	82.57	88.95	89.78	92.25	.....	87.19	84.75
14	77.15	74.04	74.50	74.37	77.63	82.50	89.20	90.50	91.39	.....	87.22	.....
15	76.70	73.84	74.31	74.19	77.06	82.89	89.77	90.73	90.68	89.83	86.81	85.12
16	77.03	74.45	75.00	74.06	76.82	82.65	89.82	90.68	91.00	90.15	86.48	85.57
17	77.20	74.46	74.95	75.38	76.72	82.90	89.79	90.23	91.30	90.60	86.59	85.25
18	76.94	74.17	74.40	75.67	76.53	83.04	89.88	90.49	90.62	90.64	86.57	84.78
19	76.70	74.44	74.45	75.79	77.08	83.44	89.95	90.41	90.33	90.07	86.28	83.52
20	75.99	74.17	74.50	75.02	77.60	83.20	89.77	90.48	90.41	89.85	86.33	83.41
21	76.07	74.15	74.38	74.70	77.87	83.75	90.12	90.25	90.75	88.90	86.19	.....
22	77.15	74.23	74.57	75.05	77.79	84.15	90.50	89.95	90.33	.....	86.32	83.28
23	77.74	74.55	74.49	74.85	77.71	84.35	90.50	89.93	90.27	.....	.....	84.00
24	77.54	74.80	74.50	74.28	76.35	84.83	90.45	90.15	89.79	.....	.....	84.04
25	76.92	74.43	74.42	74.03	76.33	84.11	90.26	89.87	90.04	88.19	.....	83.74
26	76.60	74.46	74.22	73.54	76.05	84.75	90.37	89.97	89.95	88.20	86.40	83.58
27	76.58	74.11	74.26	73.17	75.16	85.19	91.06	90.00	90.00	88.45	85.53	83.86
28	76.68	74.11	74.03	73.04	74.74	85.75	91.75	90.39	89.93	88.28	85.38	83.63
29	76.43	.....	73.57	74.14	75.04	84.56	91.24	89.83	89.80	87.93	84.95	83.41
30	75.92	.....	73.43	74.40	75.34	84.75	91.19	90.56	90.54	87.88	84.18	83.30
31	75.78	.....	73.05	.....	75.15	.....	90.82	91.09	.....	87.39	.....	83.19

h Tape measurement.

Cu-446. Cities Service Refining Corp. Lake Charles. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 10 S., R. 9 W. Drilled unused artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 738 feet. Highest water level 22.8 below lsd, Apr. 27, 1946; lowest 77.24 below lsd, July 24, 1954. Records available: 1945-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	59.85	58.59	58.07	57.23	60.65	63.98	72.32	76.85	76.11	74.46	72.26	.....
2	59.72	58.50	57.82	57.05	60.80	64.05	72.57	76.74	76.10	74.43	72.22	.....
3	59.70	58.45	57.71	57.00	61.32	64.21	72.79	76.70	76.13	74.32	72.04	h67.89
4	59.68	h58.41	57.62	56.95	61.62	64.52	73.02	76.68	76.10	74.16	71.58	67.32
5	59.63	58.35	57.43	56.91	61.67	64.57	73.22	76.65	76.09	74.13	71.66	67.01
6	59.69	58.25	57.35	56.84	61.68	64.75	73.40	76.59	76.08	74.14	71.40	67.11
7	59.67	58.35	57.28	57.08	61.70	64.97	73.62	.....	76.01	74.32	71.27	66.90
8	59.56	58.33	57.22	57.88	61.95	65.28	73.90	.....	75.95	74.27	71.17	66.61
9	59.51	58.17	58.03	58.07	62.18	65.57	74.09	h76.56	75.85	.....	71.07	66.56
10	59.37	58.18	58.45	58.26	62.40	65.89	74.30	.....	75.83	.....	70.88	h66.57
11	59.55	57.96	58.60	58.43	62.62	66.29	74.52	.....	75.92	.....	69.89	66.40
12	59.56	58.18	58.75	58.56	62.69	66.80	74.73	.....	75.91	.....	69.52	66.32
13	59.47	57.99	59.03	58.63	63.07	67.24	h76.16	75.90	.....	.....	69.22	66.40
14	59.28	57.86	59.33	58.68	63.47	67.58	75.14	76.23	75.89	.....	69.06	66.32
15	59.15	57.74	59.38	58.62	63.58	67.92	75.35	76.26	75.85	74.57	68.85	66.43
16	59.10	57.72	59.37	58.87	63.65	68.25	75.10	76.32	75.79	74.26	68.83	66.48
17	59.15	57.77	59.35	59.14	63.62	68.50	75.44	76.34	75.05	74.07	68.72	66.49
18	59.10	57.65	59.25	59.21	63.68	68.82	75.27	76.42	75.08	73.98	68.60	66.47
19	59.10	57.55	58.10	59.34	63.74	69.22	75.44	76.46	75.20	73.95	68.51	66.47
20	58.92	58.62	57.80	59.58	63.84	69.49	75.90	76.52	75.40	73.81	68.35	66.30
21	58.85	59.10	57.68	59.70	63.92	69.71	76.10	76.49	75.20	73.63	.....	66.09
22	58.98	59.28	57.48	59.75	63.94	69.97	76.15	76.50	75.24	73.44	.....	66.01
23	58.99	59.28	57.50	.....	64.00	70.27	76.49	76.46	75.13	.....	.....	66.01
24	58.94	59.47	57.44	60.01	64.12	70.54	76.68	76.43	74.98	.....	.....	h65.99
25	58.90	59.54	57.35	60.10	64.14	70.75	76.80	76.34	74.84	73.03	.....	65.81

Cu-446--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	58.85	59.51	57.40	60.15	64.14	71.02	76.96	76.24	74.74	72.91	h67.99	65.81
27	58.88	58.95	57.31	60.26	64.06	71.32	77.02	76.24	74.67	72.90	67.81	65.54
28	58.89	58.41	57.33	60.35	63.99	71.60	77.15	76.18	74.60	72.95	67.55	65.32
29	58.76		57.23	60.38	63.90	71.85	77.20	76.16	74.52	72.84	67.75	.....
30	58.72		57.20	60.45	63.95	72.09	77.03	76.07	74.44	72.62	.....	.....
31	58.73		57.19		63.95		76.95	76.05		72.45		h65.24

h Tape measurement.

Cu-451. Stanolind Oil & Gas Co. SW $\frac{1}{4}$ sec. 3, T. 11 S., R. 7 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 380 feet, screen 300-380. Land-surface datum is 22.53 feet above msl. Highest water level 25.08 below lsd, May 22, 1947; lowest 68.44 below lsd, Sept. 19, 1951. Records available: 1946-54. Sept. 14, 65.07.

Cu-453. Cooper Patterson. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 10 S., R. 10 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 to 9 inches, depth 340 feet, screen 240-340. Land-surface datum is 13-21 feet above msl. Highest water level 30.65 below lsd, May 1, 1950; lowest 59.22 below lsd, July 16, 1953. Records available: 1948-54. Mar. 17, 41.75; Sept. 14, 47.38.

Cu-456. Paul Bellon. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 9 S., R. 8 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 21 inches, depth 436 feet. Land-surface datum is 24.33 feet above msl. Highest water level 27.98 below lsd, Mar. 22, 1950; lowest 49.80 below lsd, Sept. 14, 1954. Records available: 1950-54. Mar. 18, 37.18; Sept. 14, 49.80.

Cu-548. Circle Drilling Co. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 8 S., R. 11 W. Drilled observation artesian well in sand of Pleistocene age, diameter 4 inches, depth 250 feet. Highest water level 32.21 below lsd, Apr. 1, 1954; lowest 38.75 below lsd, Sept. 14, 1954. Records available: 1954. Apr. 1, 32.21; May 28, 33.63; Sept. 14, 38.75.

Cu-610. W. L. Freeman. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 9 S., R. 9 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 285 feet, screen 265-285. Highest water level 63.15 below lsd, Dec. 14, 1954; lowest 70.00 below lsd, Sept. 15, 1954. Records available: 1954.

Daily noon water level from recorder graph*

Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	66.53	68.61	69.69	.....	.....	68.44	.....
2	.....	66.55	68.65	69.66	.....	.....	68.43	.....
3	.....	66.66	68.70	69.74	.....	.....	68.45	.....
4	.....	66.98	68.80	69.74	.....	.....	67.90	.....
5	.....	66.87	68.88	69.75	.....	.....	68.29	.....
6	.....	66.68	68.90	69.78	.....	69.45	68.18	.....
7	.....	66.64	68.80	69.76	.....	69.52	68.04	.....
8	66.34	66.69	68.91	69.74	.....	69.56	68.09	.....
9	66.39	66.69	69.02	69.73	.....	69.41	68.05	.....
10	66.47	66.75	69.07	69.75	.....	69.35	67.90	.....
11	66.47	67.00	69.14	69.75	.....	69.22	67.88	.....
12	66.19	67.20	69.20	69.72	.....	69.05	67.87	h64.23
13	66.46	67.22	69.23	69.72	.....	69.15	67.75	63.85
14	66.54	67.23	69.28	69.74	.....	69.08	67.61	63.15
15	66.54	67.22	69.38	69.72	h70.00	69.43	67.48	63.65
16	66.47	67.29	69.53	69.73	.....	69.31	67.52	64.00
17	66.44	67.37	69.55	69.75	.....	69.20	67.60	64.40
18	66.53	67.48	69.50	69.80	.....	69.10	67.59	64.90
19	66.43	67.67	69.50	69.80	.....	69.10	67.64	65.22
20	66.48	67.70	69.52	69.77	.....	69.09	67.73	65.25
21	66.53	67.77	69.58	69.78	.....	69.02	67.50	65.27
22	66.50	67.88	69.62	69.81	.....	68.93	.....	64.98
23	66.53	68.07	69.27	69.83	.....	68.87	.....	65.05
24	66.55	68.20	69.78	69.83	.....	68.77	.....	65.40
25	66.50	68.25	.....	69.87	.....	68.74	.....	65.65
26	66.35	68.20	.....	69.89	.....	68.62	.....	65.75
27	66.43	68.31	.....	69.82	.....	68.57	.....	65.87
28	66.38	68.40	.....	69.88	.....	68.65	.....	65.75
29	66.37	68.54	69.68	.....	.....	68.55	.....	66.15
30	66.48	68.60	69.47	.....	.....	68.64	.....	66.24
31	66.50		69.61	.....		68.49		66.08

h Tape measurement.

* No record for January, February, March, and April.

Cameron Parish

Cn-4. Union Sulphur Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 12 S., R. 10 W. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 550 feet. Land-surface datum is 4.85 feet above msl. Highest water level 3.57 below lsd, Jan. 10, 1946; lowest 16.98 below lsd, Sept. 15, 1954. Records available: 1945-54. Mar. 16, 11.94; Sept. 15, 16.98.

Cn-8. Broussard Estate. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 12 S., R. 9 W. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 744 feet. Land-surface datum is 17.77 feet above msl. Highest water level 0.4 above lsd, Apr. 11, 1944; lowest 35.76 below lsd, Sept. 14, 1954. Records available: 1943-54. Mar. 16, 22.74; Sept. 14, 35.76.

Cn-10. Hebert, Helms & Co. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, T. 12 S., R. 7 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 376 feet, screen 294-374. Land-surface datum is 4.96 feet above msl. Highest water level 5.42 below lsd, June 11, 1946; lowest 38.63 below lsd, Sept. 20, 1951. Records available: 1945-54. Mar. 16, 17.56; Sept. 14, 22.89.

Cn-16. Maple Hughes. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 12 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 to 8 inches, depth 350 feet. Land-surface datum is 5.03 feet above msl. Highest water level 5.59 below lsd, May 21, 1947; lowest 28.92 below lsd, Aug. 3, 1951. Records available: 1946-54. Mar. 18, 16.30; Sept. 14, 27.33.

Cn-17. John Predia. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, T. 15 S., R. 8 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 300 feet. Land-surface datum is 5.48 feet above msl. Highest water level 1.88 below lsd, June 11, 1946; lowest 14.60 below lsd, Mar. 22, 1950. Records available: 1945-54. Mar. 16, 10.73; Sept. 15, 13.95.

Cn-19. Warren Miller. NW $\frac{1}{4}$ sec. 32, T. 14 S., R. 7 W. Drilled unused artesian well in sand of Pleistocene age, diameter 2 inches, depth 360 feet. Land-surface datum is 4.76 feet above msl. Highest water level 1.70 below lsd, July 9, 1946; lowest 15.03 below lsd, Sept. 15, 1954. Records available: 1946-54. Mar. 16, 10.95; Sept. 15, 15.03.

Cn-20. Julian East. SE $\frac{1}{4}$ SE $\frac{1}{4}$ irregular sec. 40, T. 14 S., R. 6 W. Drilled unused artesian well in sand of Pleistocene age, diameter 2 inches, depth 350 feet. Land-surface datum is 8.93 feet above msl. Highest water level 6.42 below lsd, Nov. 6, 1946; lowest 11.45 below lsd, Sept. 15, 1954. Records available: 1946-54. Mar. 16, 11.24; Sept. 15, 11.45.

Cn-24. Peter Constance. Holly Beach. T. 15 S., R. 11 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 560 feet. Land-surface datum is 8.82 feet above msl. Highest water level 0.21 below lsd, Mar. 18, 1949; lowest 7.70 below lsd, Sept. 29, 1953. Records available: 1949-54. Mar. 16, 6.09.

Cn-27. Sweetlake Land & Oil Co. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 12 S., R. 7 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 490 feet, screen 410-490. Land-surface datum is 11.88 feet above msl. Highest water level 22.01 below lsd, Mar. 22, 1950; lowest 53.19 below lsd, Sept. 20, 1951. Records available: 1949-54. Mar. 16, 28.89; Sept. 14, 49.82.

Cn-28. A. M. Barb. S $\frac{1}{2}$ irregular sec. 31, T. 15 S., R. 10 W. Drilled stock artesian well in sand of Pleistocene age, diameter 6 to 4 inches, depth 282 feet. Land-surface datum is 10.75 feet above msl. Highest water level 8.8 below lsd, Oct. 4, 1949; lowest 20.30 below lsd, Dec. 16, 1952. Records available: 1948-54. Apr. 16, 14.67; Sept. 15, 17.29.

Cn-41. State Department of Conservation. Irregular sec. 41, T. 15 S., R. 4 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 460 feet. Land-surface datum is 2.33 feet above msl. Highest water level 2.22 below lsd, Sept. 28, 1950; lowest 5.10 below lsd, Mar. 16, 1954. Records available: 1950-54. Mar. 16, 5.10. Measurement discontinued.

Cn-42. State Department of Conservation. T. 15 S., R. 4 W. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 460 feet. Land-surface datum is 2.01 feet above msl. Highest water level 2.40 below lsd, Mar. 9, 1951; lowest 8.85 below lsd, Apr. 8, 1953. Records available: 1950-54. Mar. 16, 4.49; Sept. 15, 6.79.

Cn-57. T. D. Daigle. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 12 S., R. 3 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 475 feet. Highest water level 18.48 below lsd, Mar. 18, 1954; lowest 30.38 below lsd, Sept. 14, 1954. Records available: 1954. Jan. 15, 20.35; Mar. 18, 18.46; May 28, 25.08; Sept. 14, 30.38.

East Baton Rouge Parish

EB-15. Esso Standard Oil Co., Louisiana Division. N $\frac{1}{2}$ irregular sec. 44, T. 6 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 12 to 10 inches, depth 686 feet, screen 320-420, 511-679. Land-surface datum is 62.56 feet above msl. Highest water level 104.7 below lsd, Mar. 7, 1946; lowest 216.1 below lsd, Aug. 16, 1944. Records available: 1940-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	178.63	179.85	171.72	172.79	.....	.....	.....	.....	208.86	205.00	192.83	181.65
2	178.58	178.70	170.94	172.03	.....	.....	.....	.....	209.19	205.10	191.95	181.85
3	178.53	177.89	170.34	171.58	.....	.....	.....	.....	209.37	205.22	190.77	181.88
4	178.38	177.88	169.50	172.33	.....	.....	.....	.....	209.40	205.30	189.53	181.74
5	178.41	178.08	169.57	172.50	.....	.....	.....	.....	209.78	205.75	188.96	181.06
6	178.70	178.83	.....	172.20	.....	.....	.....	.....	209.97	206.28	187.78	180.63
7	178.94	179.54	170.61	172.39	.....	.....	.....	.....	209.75	206.88	186.35	179.44
8	179.11	180.94	170.55	172.27	.....	.....	.....	.....	209.02	206.75	185.65	179.09
9	178.80	180.45	170.25	171.60	.....	.....	h201.84	.....	209.26	207.10	185.58	178.55
10	177.45	181.40	170.20	171.03	.....	.....	h209.50	.....	209.24	207.13	185.47	178.22
11	177.54	181.43	.....	171.40	.....	.....	.....	.....	208.96	207.11	185.52	178.26
12	178.36	181.47	170.25	171.45	.....	.....	.....	.....	208.91	207.23	185.68	175.20
13	179.24	180.57	170.15	171.59	.....	.....	.....	.....	208.68	206.20	185.89	174.50
14	180.73	179.65	169.95	170.57	.....	.....	.....	.....	208.77	206.56	185.69	h75.66
15	180.73	178.85	170.45	170.41	.....	.....	.....	.....	208.42	205.83	185.43	175.15
16	179.02	179.15	170.10	170.20	.....	.....	.....	.....	207.97	204.87	185.35	176.85
17	179.22	179.01	170.28	170.00	.....	.....	.....	.....	208.33	204.76	185.22	177.00
18	179.34	179.57	170.07	172.35	.....	.....	.....	.....	208.11	203.24	185.05	179.07
19	178.60	179.76	169.92	174.88	.....	.....	.....	.....	207.16	202.00	185.19	178.42
20	177.85	179.09	169.74	177.02	.....	.....	.....	.....	206.81	201.38	184.71	177.86
21	178.14	178.93	169.68	178.05	.....	.....	.....	.....	207.35	199.61	183.87	177.31
22	177.41	178.57	169.74	178.27	.....	.....	.....	.....	207.58	198.06	183.69	177.51
23	177.66	179.40	170.13	178.17	.....	.....	.....	210.10	207.86	196.85	183.80	177.12
24	178.74	178.88	170.40	177.67	.....	.....	.....	209.47	208.18	195.98	183.73	176.42
25	179.22	176.84	170.58	177.75	.....	.....	.....	208.20	207.71	195.13	183.33	176.25
26	178.77	175.89	170.30	178.05	.....	.....	.....	208.95	206.48	193.61	182.27	176.69
27	179.25	174.43	169.90	178.10	.....	.....	.....	208.35	206.04	193.08	182.35	176.62
28	179.54	172.86	170.08	.....	.....	.....	.....	208.33	205.44	192.16	182.29	176.86
29	179.05	.....	170.99	.....	.....	.....	.....	208.23	204.92	192.54	181.72	176.90
30	178.61	.....	172.20	.....	.....	.....	.....	208.22	205.04	192.99	181.76	176.44
31	178.96	.....	172.44	.....	.....	.....	.....	208.15	.....	192.93	.....	176.00

h Tape measurement.

EB-28. Esso Standard Oil Co., Louisiana Division. Baton Rouge refinery. T. 6 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 8 to 6 inches, depth 1,608 feet, screen 1, 201-1,280, 1,500-1,600. Highest water level 0.5 above lsd, May 1, 1945; lowest 73.87 below lsd, Dec. 14, 1954. Records available: 1944-54. Measurement discontinued.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	59.40	59.65	60.70	58.04	58.35	56.80	58.46	63.61	67.02	.....	.....	.....
2	59.61	59.48	60.69	58.05	58.26	56.95	58.66	63.33	67.00	.....	.....	.....
3	59.75	59.56	60.82	58.03	58.03	57.08	58.64	63.23	67.06	.....	.....	.....
4	59.92	59.69	60.93	57.97	57.88	57.05	58.88	63.31	67.29	.....	.....	.....
5	59.90	59.82	60.97	57.91	57.87	57.02	59.11	63.63	67.41	.....	h72.41	.....
6	60.02	59.90	60.89	57.89	57.95	57.00	59.30	63.90	67.51	h65.56	.....	.....
7	60.18	59.69	60.88	57.78	57.93	57.11	59.34	64.31	67.59	.....	.....	.....
8	60.29	59.55	60.93	57.87	57.93	57.20	59.35	64.62	67.53	.....	.....	.....
9	60.38	59.71	60.68	57.98	57.92	57.26	59.62	64.78	67.53	.....	.....	.....
10	60.45	59.99	60.46	57.00	57.85	57.18	60.12	65.06	67.67	.....	.....	.....
11	60.36	60.25	60.61	57.97	57.78	57.13	60.42	65.11	67.76	.....	.....	.....
12	60.48	60.51	60.72	57.96	57.70	57.24	60.62	65.14	67.83	.....	.....	.....
13	60.52	60.66	60.82	57.98	57.52	57.23	60.80	65.22	67.56	.....	.....	.....
14	60.45	60.72	60.87	58.05	57.25	57.10	60.91	65.40	67.59	.....	.....	h73.87
15	60.45	60.80	60.87	58.13	57.17	57.08	60.67	65.56	67.57	.....	.....	.....
16	60.46	60.91	60.93	58.08	56.96	57.06	60.38	65.65	67.54	.....	.....	.....
17	60.59	61.04	60.96	57.92	56.87	57.03	60.26	65.79	67.43	.....	.....	.....
18	60.65	61.07	60.93	57.73	56.60	57.06	59.87	66.06	67.43	.....	.....	.....
19	59.84	60.92	60.90	57.51	56.66	56.84	59.52	66.39	67.34	.....	.....	.....
20	59.00	60.76	60.89	57.60	56.68	56.86	59.87	66.59	67.13	.....	.....	.....

EB-28--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	59.16	60.70	60.98	57.77	58.68	58.88	60.41	66.50	67.09	.....	.....	.....
22	59.61	60.87	61.06	57.88	58.65	57.00	60.82	66.36	66.70	.....	.....	.....
23	59.92	60.58	61.07	57.98	58.60	57.27	61.25	66.13	66.57	.....	.....	.....
24	60.04	60.45	61.14	58.10	58.66	57.66	61.57	65.92	.....	.....	.....	.....
25	59.95	60.32	60.50	58.05	58.78	57.87	61.58	65.85	.....	.....	.....	.....
26	59.84	60.47	59.66	57.94	58.83	57.84	61.65	65.78	.....	.....	.....	.....
27	59.78	60.59	59.13	57.91	56.97	57.76	61.96	65.77	.....	.....	.....	.....
28	59.84	60.69	58.60	58.09	58.90	57.72	62.73	65.93	.....	.....	.....	.....
29	59.88		58.09	58.29	58.90	57.93	63.53	66.17	.....	.....	.....	.....
30	59.92		57.93	58.33	57.04	58.22	63.53	66.46	.....	.....	.....	.....
31	59.91		57.95		57.00		63.59	66.71	.....	.....	.....	.....

h Tape measurement.

EB-78. Solvay Process Co. W $\frac{1}{2}$ sec. 42, T. 6 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 12 inches, depth 425 feet, screen 382-423. Highest water level 181.03 below lsd, Apr. 4, 1953; lowest 246.20 below lsd, Oct. 8, 1953. Records available: 1953-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	208.50	.....	.....	.....	.....	217.75	236.88	.....	237.50	.....	.....
2	.....	210.47	.....	.....	.....	.....	218.50	236.46	.....	238.46	.....	.....
3	.....	209.70	.....	.....	.....	.....	219.37	236.32	.....	236.85	.....	.....
4	.....	210.30	.....	.....	.....	.....	218.50	235.87	.....	236.30	.....	.....
5	.....	207.20	.....	.....	.....	.....	215.64	235.65	.....	237.56	206.72	.....
6	.....	207.01	.....	.....	.....	.....	216.72	235.24	.....	239.42	.....	.....
7	.....	207.10	.....	.....	203.57	.....	218.38	234.65	.....	238.41	.....	.....
8	.....	203.37	.....	.....	.....	.....	219.14	234.60	.....	238.84	.....	.....
9	.....	203.21	.....	.....	.....	.....	220.65	229.00	237.63	237.80	.....	.....
10	.....	201.70	.....	.....	.....	.....	214.51	.....	237.51	237.33	.....	.....
11	.....	203.65	.....	.....	.....	216.10	219.27	.....	.....	236.55	.....	.....
12	h208.91	207.67h	200.42	.....	.....	217.07	221.92	.....	.....	237.33	.....	.....
13	210.29	208.10	.....	.....	.....	219.50	222.85	.....	.....	238.96	.....	.....
14	210.43	205.95	.....	.....	.....	218.77	223.19	.....	.....	238.56	.....	h206.10
15	209.17	203.25	.....	.....	200.61	219.03	224.43	.....	.....	.....	.....	.....
16	209.37	204.92	.....	.....	199.89	219.50	223.82	.....	.....	.....	.....	.....
17	209.59	205.09	.....	.....	199.37	215.13	223.65	.....	.....	.....	.....	.....
18	209.41	205.26	.....	.....	198.95	219.01	225.65	.....	.....	.....	.....	.....
19	209.75	206.14	.....	.....	199.33	218.62	225.54	.....	.....	.....	.....	.....
20	209.39	206.27	.....	.....	199.65	221.02	225.96	.....	.....	.....	.....	.....
21	208.60	205.90	.....	.....	202.15	220.36	228.50	.....	.....	.....	.....	.....
22	208.15	204.96	.....	.....	205.17	219.70	227.95	.....	.....	.....	.....	.....
23	208.00	199.35	.....	.....	200.24	219.70	227.89	.....	.....	.....	.....	.....
24	207.35	202.96	.....	.....	202.00	217.23	227.04	.....	.....	.....	.....	.....
25	207.32	204.18	.....	.....	197.77	225.30	226.40	.....	.....	.....	.....	.....
26	207.79	.....	.....	.....	197.71	220.17	227.02	.....	.....	.....	.....	.....
27	208.00	.....	.....	.....	197.53	216.60	233.29	.....	.....	.....	.....	.....
28	208.57	.....	.....	.....	197.50	216.07	235.30	.....	.....	.....	.....	.....
29	206.75	.....	.....	.....	.....	214.65	234.96	.....	.....	.....	.....	.....
30	206.81	.....	.....	.....	.....	217.11	236.35	.....	236.97	.....	.....	.....
31	207.40	.....	.....	.....	.....	.....	236.61	.....	.....	.....	.....	.....

h Tape measurement.

EB-90. Baton Rouge Waterworks Co., well 8. Lula Ave. pumping station. Drilled unused artesian well in sand of Pleistocene age, diameter 6 to 8 inches, depth 2,125 feet, screen 2,025-2,120. Highest water level 12.7 above lsd, Feb. 23, 1943; lowest 64.37 below lsd, June 30, 1954. Records available: 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11	44.95	June 29	63.24	Aug. 9	61.22	Nov. 4	52.39
Feb. 10	42.90	30	64.37	Sept. 9	61.26	Dec. 15	40.56
Mar. 12	35.87	July 9	63.39	Oct. 5	57.00		

EB-117. Louisiana State University Westdale Country Club. W $\frac{1}{2}$ sec. 95, T. 7 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 8 to 6 inches, depth 1,402 feet, screen 1,321-1,402. Highest water level 0.84 below lsd, Mar. 28, 1949; lowest 31.77 below lsd, Dec. 15, 1954. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11	24.27	June 30	25.77	Sept. 9	29.24	Nov. 4	31.45
Feb. 10	24.40	Aug. 9	27.00	Oct. 5	30.24	Dec. 15	31.77
Mar. 11	24.50						

EB-128. Ice Service Co. 135 South 15th St., Baton Rouge. T. 7 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 8 inches, depth 412 feet. Highest water level 67.90 below lsd, Mar. 14-18, 24-27, 1946; lowest 126.07 below lsd, Sept. 26, 1954. Records available: 1940-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	112.29	.....	.....	105.35	108.35	110.13	116.15	122.47	124.61	125.80	122.34	115.72
2	112.07	.....	.....	105.38	108.52	110.13	116.45	122.46	124.65	125.71	122.08	115.70
3	111.92	.....	.....	105.40	108.44	110.15	116.76	122.47	124.68	125.59	121.78	115.58
4	111.72	.....	.....	105.36	108.70	110.25	117.00	122.55	124.74	125.46	121.35	115.22
5	111.50	.....	.....	105.35	108.99	110.34	117.20	122.60	124.74	125.40	121.18	114.69
6	111.42	.....	.....	105.35	109.17	110.40	117.41	122.68	124.74	125.35	120.90	114.67
7	111.35	.....	.....	105.31	109.35	110.45	117.62	122.79	124.74	125.35	120.60	114.62
8	111.26	.....	.....	105.30	109.50	110.56	117.88	122.90	124.74	125.36	120.30	114.68
9	111.16	.....	.....	105.28	109.59	110.62	118.15	122.96	124.93	125.35	120.01	114.45
10	110.00h	110.20	.....	105.29	109.63	110.72	114.45	122.96	124.98	125.22	119.74	114.22
11	109.87	.....	.....	105.27	109.68	110.81	118.75	123.21	125.05	125.12	119.48	114.62
12	109.87	.....	.....	105.20	109.65	110.92	118.99	123.42	125.11	125.10	119.20	113.76
13	109.82	.....	106.70	105.15	109.77	111.05	119.50	123.56	125.13	125.04	118.89	113.55
14	109.75	.....	106.68	105.15	109.85	111.17	119.61	123.70	125.16	125.04	118.56	113.28
15	109.67	.....	106.62	105.20	110.00	111.35	119.94	123.84	125.19	125.05	118.23	113.10
16	109.63	.....	106.54	105.15	110.09	111.53	120.25	123.88	125.23	125.05	117.97	112.60
17	109.94	.....	106.38	105.32	110.09	111.88	120.45	123.94	125.34	125.07	117.76	112.63
18	109.66	.....	106.17	105.40	110.10	112.17	120.55	124.02	125.41	125.02	117.57	112.42
19	109.63	.....	106.00	105.48	110.09	112.45	120.79	124.16	125.54	124.97	117.39	112.23
20	109.64	.....	105.97	105.60	110.10	112.77	121.11	124.20	125.60	124.92	117.29	111.68
21	109.67	.....	105.92	105.70	110.12	113.01	121.36	124.41	125.70	124.86	117.14	111.70
22	109.69	.....	105.85	105.87	110.10	113.34	121.52	124.55	125.81	124.76	116.97	111.43
23	109.33	.....	105.76	106.15	110.05	113.59	121.77	124.60	125.90	124.68	116.86	111.22
24	e110.00	.....	105.72	106.50	110.00	114.00	121.97	124.64	125.93	124.41	116.71	111.62
25	e110.00	.....	105.67	106.82	109.95	114.35	122.03	124.18	126.06	124.15	116.62	110.64
26	e110.00	.....	105.67	107.10	109.91	114.69	122.25	124.69	126.06	123.94	116.44	110.61
27	e110.00	.....	105.60	107.35	109.91	114.99	122.28	124.73	126.02	123.72	116.27	110.54
28	e110.00	.....	105.50	107.60	109.95	115.27	122.40	124.73	125.95	123.40	116.06	110.64
29	h110.25	.....	105.36	107.85	110.00	115.55	122.39	124.72	125.91	123.17	116.05	109.63
30	.....	.....	105.30	108.09	110.09	115.85	122.43	124.65	125.88	122.96	115.90	109.64
31	.....	.....	105.26	.....	110.10	.....	122.47	124.59	.....	122.68	.....	109.65

e Estimated.

h Tape measurement.

EB-160. Southern University Blind Institute. Scotlandville. W $\frac{1}{2}$ sec. 39, T. 6 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 1,014 feet, screen 974-1,014. Highest water level 11.14 below lsd, Jan. 25, 1950; lowest 39.90 below lsd, Sept. 3, 1953. Records available: 1949-53. Measurement discontinued.

EB-242. Louisiana State University. E $\frac{1}{2}$ E $\frac{1}{2}$ sec. 74, T. 8 S., R. 1 W. Drilled unused artesian well in sand of Recent age, diameter 2 $\frac{1}{2}$ inches, depth 180 feet. Highest water level 4.63 above lsd, Mar. 15, 1948; lowest 20.91 below lsd, Nov. 6, 1948. Records available: 1945-49, 1954. Mar. 11, 15.38; June 29, 16.20; Aug. 9, 19.30; Sept. 9, 19.75; Oct. 4, 20.06; Nov. 3, 17.75; Dec. 8, 20.46.

EB-293. Consolidated Chemical Industries, Inc. N $\frac{1}{2}$ W $\frac{1}{2}$ sec. 37, T. 6 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 12 to 6 inches, depth 606 feet, screen 540-600. Highest water level 81.1 below lsd, Mar. 8, 1946; lowest 218.25 below lsd, Aug. 15, 1954. Records available: 1944-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	155.58	173.13	160.68	147.06	.....	159.55	208.76	212.80	214.97	195.33	185.87	177.18
2	155.35	173.80	160.11	147.94	.....	161.77	208.60	213.75	213.57	195.16	185.23	177.65
3	155.39	169.30	159.60	148.66	.....	161.03	208.60	213.33	213.00	195.23	178.75	173.67
4	155.39	163.48	158.90	148.27	.....	164.19	208.90	207.15	213.60	195.28	178.57	164.43
5	155.42	160.32	158.65	147.96	172.72	164.82	209.35	212.76	214.02	194.92	176.29	161.86
6	155.95	158.80	158.16	148.69	166.85	164.50	209.90	212.65	214.10	204.86	178.46	160.50
7	160.72	157.65	158.05	149.06	165.40	164.94	211.30	212.60	214.03	210.91	177.44	159.26
8	161.65	156.20	157.89	149.19	164.24	179.67	210.07	212.80	213.85	210.70	176.00	157.87
9	162.45	156.60	158.05	149.35	163.44	183.17	210.05	217.89	209.56	210.75	176.64	157.99
10	162.55	156.61	157.44	149.45	162.85	185.31	212.54	216.20	213.00	206.56	176.49	156.49

EB-293--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	162.75	156.27	154.65	149.16	162.60	190.32	213.43	217.35	211.39	206.34	176.76	155.75
12	163.48	155.69	154.72	148.37	162.35	193.72	214.19	217.35	212.62	205.66	178.86	154.48
13	164.18	154.62	144.63	148.56	162.27	196.24	214.95	216.86	212.20	203.98	173.95	153.56
14	164.55	153.73	145.10	148.98	161.94	197.46	215.00	216.85	207.21	204.32	172.62	160.15
15	164.85	153.14	145.75	153.33	161.90	198.99	215.20	218.25	211.95	202.50	172.30	154.44
16	164.52	153.35	145.37	150.92	161.75	199.80	215.27	218.87	210.34	206.22	175.00	160.63
17	164.51	156.98	145.36	150.93	161.60	199.09	215.44	217.07	213.25	206.01	178.68	153.73
18	164.88	153.70	145.35	150.66	161.43	199.73	215.79	216.86	209.02	204.88	183.32	155.55
19	165.06	154.74	145.15	151.20	161.41	199.90	214.00	216.35	207.82	204.20	185.16	152.30
20	165.51	154.61	150.87	159.15	161.25	200.95	213.27	214.55	207.08	203.38	185.75	151.12
21	170.85	154.71	152.95	162.31	161.13	201.76	210.30	215.03	204.66	200.11	185.08	150.57
22	172.22	154.60	155.30	165.23	160.97	203.50	211.35	212.80	204.56	198.50	184.36	150.23
23	172.76	155.20	152.41	166.76	160.57	204.35	209.67	216.05	204.18	196.64	184.64	149.69
24	172.59	158.25	146.25	167.55	160.45	205.50	211.74	213.02	203.98	195.53	183.07	154.31
25	170.30	164.10	149.05	163.05	162.38	206.45	211.92	213.34	200.74	184.85	182.26	150.50
26	169.68	162.68	146.75	161.48	161.27	207.10	211.93	212.05	197.77	180.40	181.93	156.91
27	169.37	161.75	144.62	161.95	160.96	207.27	211.95	211.90	196.49	185.55	183.52	152.10
28	168.94	161.23	144.80	161.35	161.30	207.85	212.07	211.40	195.45	185.28	183.35	151.68
29	169.25		144.93	161.55	160.94	208.25	213.79	211.60	195.18	186.00	177.92	155.52
30	170.30		144.92	.....	160.09	208.38	209.83	211.48	195.47	185.90	177.04	151.61
31	173.17		145.99		159.62		211.15	213.97		185.88		153.60

EB-295. Wood River Oil & Refining Co. $S\frac{1}{2}W\frac{1}{2}V\frac{1}{2}$ sec. 50, T. 6 S., R. 1 W. Drilled mused artesian well in sand of Pleistocene age, diameter 8 to 6 inches, depth 1,340 feet. Highest water level 26.12 below lsd, Jan. 2, 1953; lowest 65.16 below lsd, Dec. 25, 1954. Records available: 1952-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	54.56	.....	.....	.....	.....	.....	.....	55.52	57.69	.....
2	54.58	.....	.....	.....	.....	.....	.....	55.52	.....	.....
3	54.69	.....	.....	.....	.....	.....	.....	55.49	.....	.....
4	54.77	.....	.....	.....	.....	.....	.....	55.43	h58.21	.....
5	54.77	.....	.....	.....	.....	.....	.....	55.49	58.46	.....
6	54.72	.....	.....	.....	.....	.....	.....	55.53	58.61	.....
7	54.82	.....	.....	.....	.....	.....	.....	55.72	58.87	.....
8	54.93	.....	.....	.....	.....	.....	.....	55.71	59.16	.....
9	54.43	.....	.....	.....	.....	.....	.....	55.73	.....	.....
10	53.30	54.28	.....	.....	.....	.....	h54.18	.....	55.78	.....	.....
11	53.55	54.55	.....	.....	.....	.....	.....	.....	55.63	.....	.....
12	h52.90	53.73	54.58	.....	.....	.....	h50.59	.....	.....	55.44	.....	.....
13	53.88	54.62	.....	.....	.....	h50.76	.....	.....	55.37	.....	h62.56
14	53.99	54.77	.....	.....	.....	.....	.....	.....	55.65	.....	.....
15	54.12	54.80	.....	.....	h48.51	.....	.....	.....	56.01	.....	.....
16	54.28	54.86	.....	.....	.....	.....	.....	.....	56.29	.....	62.71
17	54.43	54.84	.....	.....	.....	.....	.....	.....	56.50	.....	62.82
18	54.48	54.78	.....	.....	.....	.....	.....	.....	56.57	.....	63.01
19	54.52	54.70	.....	.....	.....	.....	.....	.....	56.25	.....	63.42
20	54.49	54.80	.....	.....	.....	.....	.....	.....	56.07	.....	63.79
21	54.64	54.93	.....	.....	.....	.....	.....	.....	56.21	.....	63.99
22	54.70	54.97	.....	.....	.....	.....	.....	.....	56.53	.....	64.32
23	54.73	54.96	.....	.....	.....	.....	.....	h55.62	56.83	.....	64.70
24	54.58	55.07	.....	.....	.....	.....	.....	55.62	57.10	.....	65.00
25	54.53	54.68	.....	.....	.....	.....	.....	55.58	57.04	.....	65.04
26	54.52	54.17	.....	.....	.....	.....	.....	55.56	56.91	.....	64.76
27	54.50	53.74	.....	.....	.....	.....	.....	55.56	57.06	.....	64.51
28	54.53	53.37	.....	.....	.....	.....	.....	55.53	57.13	.....	64.34
29	55.50	57.22	.....	64.33
30	55.48	57.36	.....	64.39
31	57.43	.....	64.39

h Tape measurement.

EB-299. Staring & Kirby. Sec. 81, T. 7 S., R. 1 E. Drilled observation artesian well in sand of Pleistocene age, diameter 4 to 2½ inches, depth 1,245 feet. Highest water level 21.75 below lsd, June 30, 1954; lowest 30.24 below lsd, Oct. 5, 1954. Records available: 1954. June 30, 21.75; Aug. 9, 23.29; Sept. 9, 25.73; Oct. 5, 30.24; Nov. 4, 27.22; Dec. 15, 27.02.

EB-301. H. B. Whitter. $W\frac{1}{2}$ sec. 91, T. 7 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 to $2\frac{1}{2}$ inches, depth 1,281 feet. Highest water level 17.00 above lsd, Feb. 23, 1943; lowest 28.07 below lsd, Dec. 15, 1954. Records available: 1943-49, 1953-54. Mar. 11, 21.11; June 30, 22.74; Aug. 9, 23.41; Sept. 9, 25.90; Oct. 5, 26.91; Nov. 4, 27.11; Dec. 15, 28.07.

EB-303. Greenwell Springs Sanitarium. $E\frac{1}{2}E\frac{1}{2}$ sec. 49, T. 5 S., R. 2 E. Drilled public-supply artesian well in sand of Pleistocene age, diameter 4 inches, depth 1,189 feet, screen 1,145-1,185. Land-surface datum is 66.76 feet above msl. Highest water level 26.0 above lsd, June 2, 1943; lowest 2.0 above lsd, Nov. 2, 1949. Records available: 1943-47, 1949-51. Measurement discontinued.

EB-304. Greenwell Springs Sanitarium. $E\frac{1}{2}E\frac{1}{2}$ sec. 49, T. 5 S., R. 2 E. Drilled public-supply artesian well in sand of Pleistocene age, diameter 6 inches, depth 1,738 feet, screen 1,698-1,738. Highest water level 71.5 above lsd, Feb. 24, 1943; lowest 40.5 above lsd, Nov. 2, 1949. Records available: 1943-46, 1949-51, 1954. Mar. 12, +50.31; June 29, +48.01; Aug. 9, +46.85; Sept. 9, +47.05; Oct. 5, +47.50; Nov. 4, +47.50; Dec. 13, +47.16.

EB-315. Baton Rouge Waterworks Co. Center of sec. 93, T. 6 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 3 inches, depth 1,960 feet, screen 1,920-1,960. Highest water level 22.9 above lsd, Feb. 25, 1943; lowest 36.19 below lsd, Oct. 5, 1954. Records available: 1943-54.

Daily noon water level from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11	h24.77	Nov. 22	27.16	Dec. 6	25.08	Dec. 19	24.47
Mar. 12	h19.12	23	26.88	7	24.88	20	24.49
Aug. 9	h35.90	24	26.58	8	24.71	21	24.43
Sept. 9	h35.97	25	26.34	9	24.72	22	24.37
24	35.05	26	26.20	10	24.69	23	24.37
25	35.17	27	25.98	11	24.61	24	24.45
26	35.46	28	25.77	12	24.52	25	24.50
Oct. 5	h36.19	29	25.76	13	24.53	26	24.52
6	h35.86	30	25.60	14	24.42	27	24.36
Nov. 4	h33.05	Dec. 1	25.48	15	24.46	28	24.07
18	h28.38	2	25.38	16	24.46	29	24.14
19	28.10	3	25.30	17	24.33	30	24.21
20	27.77	4	25.18	18	24.37	31	24.17
21	27.46	5	25.06				

h Tape measurement.

EB-317. H. H. Edwards. $SW\frac{1}{4}$ sec. 6, T. 6 S., R. 2 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 1,176 feet, screen 1,116-1,176. Land-surface datum is 63.29 feet above msl. Highest water level 23.7 above lsd, Feb. 24, 1943; lowest 2.5 above lsd, Sept. 14, 1950, July 3, 1951. Records available: 1943-51. Measurement discontinued.

EB-322. T. E. Charlton. $SE\frac{1}{4}$ sec. 29, T. 5 S., R. 1 E. Drilled domestic artesian well in sand of Pleistocene age, diameter $2\frac{1}{2}$ to 2 inches, depth 1,970 feet, screen 1,930-1,970. Highest water level 59.5 above lsd, May 20, 1943; lowest 37.5 above lsd, July 3, 1951. Records available: 1943-51. Measurement discontinued.

EB-468. A. M. Holden. $E\frac{1}{2}$ sec. 53, T. 5 S., R. 1 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 2,430 feet, screen 2,342-2,430. Highest water level 64.7 above lsd, May 13, 1948; lowest 50.82 above lsd, June 29, 1954. Records available: 1948-51, 1953-54. Mar. 11, +57.75; June 29, +50.82; Aug. 9, +56.88; Sept. 9, +58.89; Oct. 5, +55.88; Dec. 13, +53.13.

EB-469. A. M. Holden. $E\frac{1}{2}$ sec. 53, T. 5 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 2 inches, depth 920 feet. Highest water level 5.26 below lsd, Mar. 15, 1948; lowest 41.03 below lsd, Dec. 13, 1954. Records available: 1948-54.

Jan. 11	33.29	June 29	33.28	Sept. 9	36.85	Nov. 4	38.21
Feb. 10	33.93	Aug. 9	34.56	Oct. 5	37.72	Dec. 13	41.03
Mar. 11	35.08						

EB-474. U. S. Geol. Survey. Watson farm. $S\frac{1}{2}W\frac{1}{2}$ sec. 49, T. 4 S., R. 2 E. Drilled observation artesian well in sand of Pleistocene age, diameter 6 inches, depth 58 feet. Land-surface datum is 80.01 feet above msl. Highest water level 9.09 below lsd, May 8, 1949; lowest 14.66 below lsd, Dec. 13, 1954. Records available: 1948-54.

Jan. 11	12.04	Mar. 12	12.33	Sept. 9	14.16	Nov. 4	14.45
Feb. 10	12.29	Aug. 9	13.53	Oct. 5	14.32	Dec. 13	14.66

EB-514. Baton Rouge Waterworks Co. T. 6 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 to 6 inches, depth 2,400 feet. Highest water level 12.84 below lsd, Dec. 15, 1954; lowest 22.47 below lsd, Oct. 5, 1954. Records available: 1954. Mar. 12, 18.01; June 29, 19.30; Aug. 9, 21.74; Sept. 9, 22.40; Oct. 5, 22.47; Nov. 4, 16.40; Dec. 15, 12.84.

EB-517. Louisiana Dept. of Education. Sec. 39, T. 6 S., R. 1 W. Drilled public-supply artesian well in sand of Pleistocene age, diameter 12 to 8 inches, depth 2,590 feet, screen 2,510-2,590. Land-surface datum is 65 feet above msl. Highest water level 64.40 above lsd, Aug. 21, 1953; lowest 55.90 above lsd, Nov. 4, 1954. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 21, 1953	+64.40	June 29, 1954	+58.91	Sept. 9, 1954	+58.91	Nov. 4, 1954	+55.90
Dec. 22	+60.90	Aug. 9	+60.95	Oct. 5	+57.71	Dec. 8	+57.75
Mar. 12, 1954	+60.66						

East Carroll Parish

EC-22. D. C. Bentliff. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 23 N., R. 12 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 30 inches, depth 105 feet, screen 75-105. Highest water level 18.55 below lsd, June 16, 1954; lowest 22.66 below lsd, Dec. 30-31, 1954. Records available: 1954.

Daily noon water level from recorder graph

May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	19.22	20.35	21.30	21.89	22.29	22.44
2	.....	19.26	20.39	21.32	21.90	22.30	22.44
3	.....	19.30	20.41	21.35	21.91	22.31	22.45
4	.....	19.35	20.45	21.37	21.93	22.17	22.45
5	.....	19.38	20.49	21.40	21.94	22.19	22.48
6	.....	19.42	20.51	21.42	21.95	22.22	22.48
7	.....	19.46	20.55	21.45	21.98	22.25	22.49
8	.....	19.50	20.58	21.47	21.99	22.29	22.50
9	.....	19.54	20.61	21.49	22.00	22.31	22.51
10	.....	19.56	20.65	21.51	22.02	22.32	22.52
11	.....	19.60	20.67	21.53	22.03	22.33	22.53
12	.....	19.64	20.70	21.55	22.04	22.34	22.53
13	.....	19.67	20.74	21.57	22.05	22.34	22.54
14	.....	19.70	20.77	21.59	22.06	22.35	22.55
15	.....	19.75	20.60	21.61	22.08	22.35	22.56
16	18.57	19.80	20.84	21.63	22.09	22.34	22.56
17	18.60	19.82	20.85	21.65	22.10	22.34	22.57
18	18.65	19.85	20.89	21.67	22.11	22.33	22.58
19	18.68	19.90	20.92	21.69	22.13	22.34	22.59
20	18.72	19.95	20.95	21.70	22.14	22.34	22.60
21	18.75	19.98	20.97	21.73	22.15	22.35	22.60
22	18.80	20.00	21.00	21.75	22.16	22.35	22.61
23	18.85	20.04	21.03	21.76	22.18	22.36	22.62
24	18.90	20.07	21.05	21.78	22.20	22.37	22.63
25	18.94	20.10	21.13	21.80	22.21	22.39	22.64
26	18.99	20.14	21.14	21.81	22.22	22.39	22.65
27	19.04	20.17	21.15	21.83	22.23	22.40	22.65
28	19.08	20.21	21.18	21.84	22.25	22.41	22.64
29	19.12	20.25	21.21	21.86	22.25	22.42	22.65
30	19.17	20.29	21.23	21.87	22.26	22.43	22.66
31		20.32	21.26		22.27		22.66

EC-26. R. N. Amacker. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 64, T. 20 N., R. 13 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 3 inches, depth 99 feet. Highest water level 20.45 below lsd, Nov. 6, 1954; lowest 23.71 below lsd, Dec. 30, 1954. Records available: 1954.

Daily noon water level from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 3	20.54	Nov. 17	21.82	Nov. 23	22.06	Nov. 29	22.32
4	20.51	18	21.86	24	22.10	30	22.50
5	20.48	19	21.90	25	22.15	Dec. 1	22.40
6	20.48	20	21.95	26	22.19	2	22.43
15	21.73	21	21.98	27	22.24	3	22.44
16	21.76	22	22.02	28	22.27	4	22.46

EC-26--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 5	22.48	Dec. 12	22.59	Dec. 19	22.65	Dec. 26	22.70
6	22.52	13	22.58	20	22.66	27	22.70
7	22.53	14	22.57	21	22.66	28	22.68
8	22.54	15	22.58	22	22.68	29	22.69
9	22.56	16	22.58	23	22.68	30	22.68
10	22.59	17	22.61	24	22.69	31	22.65
11	22.59	18	22.64	25	22.70		

Evangeline Parish

Ev-1. John LaHaye. SW $\frac{1}{4}$ sec. 20, T. 4 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 210 feet, screen 130-210. Land-surface datum is 70.25 feet above msl. Highest water level 38.51 below lsd, Jan. 21, 1943; lowest 97.38 below lsd, July 16, 1951. Records available: 1939-54. Feb. 2, 68.33; Mar. 15, 68.30; Oct. 19, 79.71.

Ev-2. John Reed. Sec. 37, T. 6 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 200 feet. Land-surface datum is 58.15 feet above msl. Highest water level 42.30 below lsd, Jan. 21, 1943; lowest 116.40 below lsd, July 14, 1953. Records available: 1939-54. Feb. 2, 77.50; Mar. 22, 79.88; Sept. 13, 88.52; Oct. 19, 92.53.

Ev-3. State of Louisiana. SE $\frac{1}{4}$ sec. 33, T. 2 S., R. 2 E. Drilled unused artesian well in sand of Pleistocene age, diameter 3 inches, depth 199 feet. Land-surface datum is 75.27 feet above msl. Highest water level 30.92 below lsd, Mar. 12, 1946; lowest 37.51 below lsd, Sept. 13, 1954. Records available: 1944-54.

Daily noon water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	June	Sept.
1	.....	36.57	.....	36.58	36.37	36.50	.....
2	.....	36.53	.....	36.54	36.45	36.50	.....
3	.....	36.50	.....	36.54	36.41	36.52	.....
4	.....	36.51	.....	36.54	36.48	36.56	.....
5	.....	36.54	.....	36.54	36.49	36.57	.....
6	.....	36.54	.....	36.54	36.49	36.57	.....
7	.....	36.60	.....	36.54	36.47	36.58	.....
8	.....	36.58	.....	36.54	36.48	36.59	.....
9	.....	36.52	.....	36.54	36.49	36.60	.....
10	.....	36.51	.....	36.54	36.49	36.61	.....
11	.....	36.54	.....	36.55	36.48	36.65	.....
12	.....	36.60	.....	36.56	36.48	36.66	.....
13	.....	36.57	.....	36.56	36.40	36.68	h37.51
14	.....	36.54	.....	36.56	36.45	36.68	.....
15	.....	36.55	.....	36.51	36.45	36.69	.....
16	.....	36.57	.....	36.55	36.48	36.70	.....
17	.....	36.59	.....	36.56	36.47	36.71	.....
18	.....	36.58	.....	36.55	36.48	36.71	.....
19	.....	36.55	.....	36.55	36.46	36.73	.....
20	.....	36.57	.....	36.55	36.46	36.69	.....
21	36.58	36.58	.....	36.55	36.47	36.69	.....
22	36.66	36.58	.....	36.57	36.47	36.70	.....
23	36.64	.....	.....	36.57	36.47	36.73	.....
24	36.58	.....	.....	36.56	.....	36.74	.....
25	36.58	.....	36.56	36.57	.....	.....	.....
26	36.56	.....	36.57	36.57	.....	.....	.....
27	36.58	.....	36.52	36.57	h36.45	.....	.....
28	36.60	.....	36.52	36.57	36.45	.....	.....
29	36.56	.....	36.50	36.60	36.46	.....	.....
30	36.54	.....	36.50	36.60	36.48	.....	.....
31	36.59	.....	36.52	.....	36.48	.....	.....

h Tape measurement.

* No record for July, August, October, November, and December.

Ev-7. C. Morein. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 4 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 300 feet. Land-surface datum is 75.54 feet above msl. Highest water level 67.50 below lsd, Apr. 21, 1950; lowest 84.97 below lsd, Sept. 13, 1954. Records available: 1950-54. Mar. 17, 76.91; Sept. 13, 84.97

Ev-18. Alphonse LeFleur. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 6 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 275 feet. Land-surface datum is 44.70 feet above msl. Highest water level 33.81 below lsd, Apr. 22, 1944; lowest 74.25 below lsd, Sept. 15, 1954. Records available: 1944-54. Mar. 22, 55.23; Sept. 15, 74.25.

Ev-23. Mrs. A. Soileau. Sec. 26, T. 5 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 360 feet. Land-surface datum is 51.06 feet above msl. Highest water level 37.94 below lsd, Mar. 13, 1947; lowest 72.84 below lsd, Aug. 6, 1947. Records available: 1946-54. Mar. 22, 54.83; Sept. 15, 70.52.

Ev-37. Gordon Micks. SW $\frac{1}{4}$ sec. 15, T. 3 S., R. 2 W. Dug unused water-table well in sand of Pleistocene age, diameter 8 inches, depth 41 feet. Land-surface datum is 106 feet above msl. Highest water level 19.77 below lsd, Mar. 2, 1948; lowest 34.06 below lsd, Sept. 15, 1954. Records available: 1945-54.

Daily noon water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	Sept.
1	33.57	.....	33.69	32.88	32.92	.....
2	33.57	33.65	33.70	32.91	32.92	.....
3	33.57	33.64	33.70	32.91	32.85	.....
4	33.57	33.63	33.70	32.91	32.87	.....
5	33.58	33.64	33.70	32.96	32.90	.....
6	33.58	33.65	33.70	32.99	32.90	.....
7	33.59	33.66	33.70	33.04	32.94	.....
8	.....	33.67	33.71	33.12	32.94	.....
9	.....	33.65	33.72	33.22	33.00	.....
10	.....	33.63	33.72	33.31	33.03	.....
11	.....	33.63	33.70	33.42	33.06	.....
12	.....	33.67	33.71	33.49	32.87	.....
13	.....	33.67	33.72	33.51	32.90	.....
14	.....	33.66	33.73	33.57	32.93	.....
15	.....	33.66	33.73	33.64	32.93	h34.06
16	.....	33.67	33.72	33.56	32.93	.....
17	.....	33.67	33.70	33.35	32.95	.....
18	.....	33.67	33.70	33.25	32.97	.....
19	.....	33.67	33.70	33.27	33.00	.....
20	.....	33.67	33.71	33.28	33.09	.....
21	.....	33.67	33.71	33.30	33.20	.....
22	.....	33.68	33.72	33.38	.....	.....
23	.....	33.68	33.73	33.47	.....	.....
24	.....	33.68	h33.73	33.53	.....	.....
25	.....	33.68	33.73	33.60	.....	.....
26	.....	33.68	33.75	33.65	.....	.....
27	.....	33.68	33.75	33.73	h33.51	.....
28	.....	33.68	32.75	33.75	.....	.....
29	.....	.....	32.80	33.80	.....	.....
30	.....	.....	32.82	33.80	.....	.....
31	.....	.....	32.89	.....	.....	.....

* No record for June, July, August, October, November, and December.

h Tape measurement.

Ev-46. Gordon Micks. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15, T. 3 S., R. 2 W. Drilled unused artesian well in sand of Pleistocene age, diameter 3 inches, depth 110 feet. Highest water level 27.01 below lsd, July 6, 1949; lowest 36.89 below lsd, May 16, 1951. Records available: 1945-54. Feb. 2, 35.39.

Ev-68. Davies Guillory. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 4 S., R. 1 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 190 feet, screen 125-190. Land-surface datum is 65.35 feet above msl. Highest water level 55.57 below lsd, Apr. 16, 1951; lowest 99.10 below lsd, June 19, 1951. Records available: 1949-54. Mar. 22, 67.20; Sept. 15, 94.73.

Ev-70. C. Guillory. Centerline sec. 1, T. 6 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 200 feet. Land-surface datum is 59.90 feet above msl. Highest water level 54.85 below lsd, Mar. 12, 1947; lowest 90.70 below lsd, Sept. 13, 1954. Records available: 1947-54. Mar. 22, 78.78; Sept. 13, 90.70.

Ev-84. Leroy Soilleau. NW $\frac{1}{4}$ sec. 33, T. 5 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 22 inches, depth 209 feet, screen 117-205. Highest water level 74.30 below lsd, Mar. 24, 1950; lowest 89.04 below lsd, Sept. 13, 1954. Records available: 1949-54. Mar. 22, 82.97; Sept. 13, 89.04.

Ev-90. Hass Estate. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 4 S., R. 1 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 210 feet. Land-surface datum is 58.54 feet below msl. Highest water level 33.94 below lsd, Mar. 13, 1947; lowest 72.41 below lsd, June 21, 1949. Records available: 1947-54. Mar. 22, 48.64; Sept. 15, 72.07.

Ev-127. Leonard Dardeau. E $\frac{1}{2}$ sec. 49, T. 4 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 8 inches, depth 230 feet. Highest water level 83.69 below lsd, Mar. 22, 1954; lowest 88.07 below lsd, Sept. 13, 1954. Records available: 1953-54. Oct. 1, 1953, 86.60; Mar. 22, 1954, 83.69; Sept. 13, 88.07.

Ev-200. Continental Oil Co. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 4 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 240 feet. Land-surface datum is 51.58 feet above msl. Highest water level 27.9 below lsd, May 1, 1950; lowest 54.1 below lsd, July 22, 1951. Records available: 1948-54. Sept. 15, 48.59.

Ev-229. Chestley Fontenot. SE $\frac{1}{4}$ sec. 25, T. 4 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 135 feet. Land-surface datum is 65.88 feet above msl. Highest water level 45.52 below lsd, Apr. 18, 1951; lowest 96.34 below lsd, July 3, 1954. Records available: 1949-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	59.97	.....	.....	54.69	84.40	82.20	96.21	82.69	78.68	74.37	70.70	66.90
2	59.82	h57.55	.....	54.69	81.83	81.74	96.30	82.33	79.06	74.25	70.52	66.75
3	59.78	.....	.....	54.68	79.77	82.40	96.34	82.08	78.88	74.31	70.30	66.55
4	59.59	.....	55.96	54.63	78.44	82.95	96.12	81.80	78.72	73.98	70.10	66.38
5	59.54	.....	55.91	54.61	80.04	83.41	96.27	81.52	78.30	73.85	70.04	66.25
6	59.48	.....	55.83	54.58	81.32	83.79	95.39	81.20	77.84	73.73	69.89	66.24
7	59.40	.....	55.80	54.59	82.98	84.50	94.99	80.87	77.58	73.62	69.78	66.20
8	59.29	.....	55.73	54.60	82.90	86.46	94.69	80.70	77.80	73.77	69.70	65.93
9	59.18	.....	55.64	54.70	82.80	88.90	93.94	80.37	77.10	73.41	69.58	65.90
10	59.02	.....	55.54	54.95	82.12	90.40	93.62	80.20	76.88	73.20	69.45	65.84
11	59.00	.....	55.43	55.60	83.50	91.30	93.48	80.00	76.74	73.11	69.35	65.69
12	58.98	.....	55.34	57.00	82.97	91.96	93.38	79.78	76.54	72.54	69.19	65.43
13	58.90	.....	55.34	59.20	81.93	92.51	93.37	80.19	76.33	72.40	69.00	65.32
14	58.80	.....	55.40	61.80	79.88	92.89	93.38	80.48	76.42	72.20	68.80	65.19
15	58.56	.....	55.43	64.46	78.84	93.14	93.37	80.29	76.15	.....	68.57	65.18
16	58.58	.....	55.48	65.30	77.65	93.09	92.40	80.06	76.15	.....	68.44	65.09
17	58.55	.....	55.42	69.30	77.74	.....	91.40	79.77	76.40	.....	68.31	65.03
18	58.47	.....	55.30	71.20	78.76	.....	90.20	79.90	76.34	h72.13	68.20	64.92
19	58.37	.....	55.15	72.66	79.90	.....	90.00	79.87	76.02	72.05	68.11	64.88
20	58.28	.....	55.13	76.87	80.46	.....	89.62	80.07	75.78	71.93	.....	64.75
21	58.22	.....	55.11	79.26	80.63	94.54	89.00	80.10	75.60	71.78	.....	.....
22	.....	.....	55.08	81.18	.....	94.49	86.20	80.30	75.50	71.63	.....	h64.37
23	.....	.....	55.02	82.00	.....	94.43	.....	80.00	75.48	71.55	.....	64.28
24	.....	.....	54.98	83.62	81.87	94.70	.....	79.40	75.24	71.45	h67.64	64.20
25	.....	.....	54.92	84.63	81.54	95.04	.....	79.24	75.20	71.31	67.58	64.10
26	.....	.....	54.92	84.08	80.80	95.30	.....	78.70	75.00	71.42	67.58	64.00
27	.....	.....	54.80	85.10	80.58	95.53	.....	78.65	74.91	71.08	67.28	63.85
28	.....	.....	54.77	85.89	80.80	95.75	.....	78.70	74.72	70.90	67.02	63.60
29	.....	.....	54.68	86.97	80.68	95.83	.....	78.70	74.58	70.80	67.07	63.58
30	.....	.....	54.62	88.78	79.95	96.04	h83.20	78.64	74.50	70.71	67.02	63.55
31	.....	.....	54.63	.....	80.70	.....	82.98	78.66	.....	70.61	.....	63.41

h Tape measurement.

Ev-236. Continental Oil Co. W $\frac{1}{2}$ sec. 44, T. 4 S., R. 2 E. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 290 feet. Highest water level 68.82 below lsd, Apr. 1, 1949; lowest 83.54 below lsd, Sept. 13, 1954. Records available: 1949-54. Mar. 22, 78.69; Sept. 13, 83.54.

Ev-392. W. Johnson. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 1 S., R. 1 E. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 54 feet. Land-surface datum is 95.58 feet above msl. Highest water level 37.78 below lsd, July 6, 1953; lowest 41.53 below lsd, Dec. 31, 1952. Records available: 1952-53. Measurement discontinued.

Ev-430. Edward Lendreneau. S $\frac{1}{2}$ irregular sec. 1, T. 2 S., R. 2 E. Dug domestic water-table well in deposits of Pleistocene age, diameter 6 inches, depth 14 feet. Land-surface datum is 56.1 feet above msl. Records available: 1954. Mar. 17, 10.70; Sept. 13, 12.72.

Ev-432. Vernon Meyer. Sec. 37, T. 2 S., R. 1 E. Bored domestic water-table well in deposits of Pleistocene age, diameter 8 inches, depth 58 feet. Highest water level 52.98 below lsd, July 7, 1953; lowest 54.67 below lsd, Sept. 13, 1954. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 7, 1953	52.98	Aug. 10, 1953	53.18	Aug. 24, 1953	53.27	Mar. 17, 1954	54.30
20	53.00	17	53.22	Sept. 29	53.55	Sept. 13	54.67
Aug. 3	53.09						

Ev-484. N. Johnson. NE $\frac{1}{4}$ sec. 34, T. 2 S., R. 2 W. Drilled domestic water-table well in deposits of Pleistocene age, diameter 8 inches, depth 43 feet. Highest water level 38.06 below lsd, May 11, 1953; lowest 40.59 below lsd, Sept. 15, 1954. Records available: 1953-54.

Apr. 22, 1953	38.09	May 26, 1953	38.07	June 22, 1953	38.49	Sept. 28, 1953	39.50
27	38.15	June 2	38.15	29	38.69	Mar. 15, 1954	39.66
May 5	38.20	9	38.26	July 9	38.77	Sept. 15	40.59
11	38.06	15	38.30	Aug. 10	39.07		

Ev-495. U. S. Geol. Survey. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 1 S., R. 1 W. Drilled observation artesian well in sand and gravel of Pleistocene age, diameter 4 inches, depth 90 feet. Land-surface datum is 124.74 feet above msl. Highest water level 60.30 below lsd, July 18, 1953; lowest 62.24 below lsd, Dec. 6, 1954. Records available: 1953-54. Recording gage removed Dec. 7.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	61.24	61.38	.....	61.68	.....	.....	61.46	61.62	61.73	61.85	62.01	62.18
2	61.24	.....	.....	61.68	.....	.....	61.47	61.62	61.73	61.86	62.01	62.18
3	61.26	.....	.....	61.68	.....	.....	61.47	61.63	61.72	61.86	62.03	62.17
4	61.22	.....	.....	61.67	.....	.....	61.47	61.63	61.73	61.86	61.98	62.18
5	61.28	.....	.....	61.67	.....	.....	61.47	61.64	61.74	61.87	62.05	62.17
6	61.28	.....	.....	61.68	.....	.....	61.47	61.63	61.74	61.88	62.03	62.23
7	61.27	.....	.....	61.67	.....	.....	61.48	61.64	61.75	61.90	62.02	62.22
8	61.26	.....	.....	.....	.....	.....	61.48	61.64	61.75	61.89	62.04	.....
9	61.28	.....	.....	.....	.....	.....	61.49	61.65	61.75	61.89	62.04	.....
10	61.33	.....	.....	.....	.....	.....	61.49	61.65	61.75	61.89	62.04	.....
11	61.30	.....	.....	.....	.....	.....	61.49	61.65	61.77	61.89	62.06	.....
12	61.37	.....	.....	.....	.....	.....	61.50	61.66	61.78	61.91	62.06	.....
13	61.30	.....	.....	.....	.....	.....	61.50	61.66	61.77	61.92	62.05	.....
14	61.32	.....	.....	.....	.....	.....	61.51	61.66	61.78	61.93	62.05	.....
15	61.28	.....	.....	.....	.....	.....	61.52	61.67	61.78	61.95	62.06	.....
16	61.37	.....	.....	.....	.....	.....	61.52	61.67	61.77	.....	62.07	.....
17	61.36	.....	61.59	.....	.....	.....	61.53	61.67	61.78	.....	62.08	.....
18	61.33	.....	.....	.....	.....	.....	61.53	61.67	61.79	h61.95	62.08	.....
19	61.37	.....	.....	.....	.....	.....	61.53	61.68	61.80	61.96	62.08	.....
20	61.38	.....	.....	.....	.....	.....	61.54	61.68	61.80	61.96	.....	.....
21	61.41	.....	.....	.....	.....	.....	61.54	61.69	61.81	61.95	.....	.....
22	61.41	.....	.....	h61.70	.....	.....	61.55	61.70	61.82	61.96	.....	.....
23	61.39	61.50	.....	.....	.....	.....	61.56	61.70	61.82	61.98	.....	.....
24	61.38	.....	.....	.....	.....	61.45	61.56	61.70	61.82	61.98	h62.15	.....
25	61.40	.....	.....	.....	.....	61.45	61.55	61.70	61.82	61.98	62.16	.....
26	61.39	.....	.....	.....	.....	61.45	61.57	61.70	61.83	61.97	62.16	.....
27	61.41	.....	.....	.....	h61.43	61.45	.....	61.71	61.83	61.98	62.16	.....
28	61.39	.....	.....	.....	.....	61.45	.....	61.72	61.83	61.99	62.15	.....
29	61.39	.....	.....	.....	.....	61.45	.....	61.71	61.84	61.99	62.22	.....
30	61.40	.....	.....	.....	.....	61.46	.....	61.70	61.85	62.00	62.19	.....
31	61.41	.....	61.70	.....	.....	.....	61.63	61.72	.....	62.00	.....	.....

h Tape measurement.

Ev-500. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 2 S., R. 1 W. Drilled observation artesian well in sand and gravel of Pleistocene age, diameter 4 inches, depth 126 feet. Land-surface datum is 118.3 feet above msl. Highest water level 47.77 below lsd, Apr. 29, 1953; lowest 48.67 below lsd, Apr. 22, 1953. Records available: 1953-54.

Ev-500--Continued.

Daily noon water level from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	48.26	Jan. 17	48.46	Feb. 16	48.29	Apr. 26	48.33
2	48.14	18	48.31	17	48.34	27	48.34
3	48.37	19	48.20	18	48.19	28	48.26
4	48.12	20	48.17	Mar. 15	48.57	29	48.38
5	48.32	21	48.29	Apr. 1	48.57	May 27	h48.24
6	48.32	22	48.52	2	48.41	28	48.31
7	48.31	23	48.39	3	48.37	29	48.42
8	48.18	24	48.26	4	48.33	30	48.39
9	48.20	25	48.30	5	48.32	31	48.35
10	48.12	26	48.27	6	48.29	June 1	48.30
11	48.51	27	48.41	7	48.25	2	48.28
12	48.61	28	48.36	22	48.35	3	48.41
13	48.38	29	48.22	23	48.37	4	48.38
14	48.15	30	48.24	24	48.39	24	h48.35
15	48.06	31	48.40	25	48.37	Sept. 15	h48.11
16	48.31	Feb. 1	48.25				

h Tape measurement.

Ev-509. Plantation Co. NW $\frac{1}{4}$ sec. 13, T. 3 S., R. 1 W. Bored domestic water-table well in deposits of Pleistocene age, diameter 8 inches, depth 64 feet. Highest water level 58.95 below lsd, May 8, July 10, 1953; lowest 60.30 below lsd, Mar. 15, 1954. Records available: 1953-54. May 8, 1953, 58.95; July 10, 58.95; Sept. 29, 59.15; Nov. 10, 59.36; Mar. 15, 1954, 60.30; Sept. 15, 59.94.

Ev-515. Hosea Ardoin. Sec. 42, T. 2 S., R. 1 E. Bored water-table well in deposits of Pleistocene age, diameter 6 inches, depth 68 feet. Highest water level 59.58 below lsd, July 10, 1953; lowest 60.10 below lsd, Sept. 13, 1954. Records available: 1953-54. June 11, 1953, 59.60; July 10, 59.58; Sept. 29, 59.62; Mar. 15, 1954, 59.76; Sept. 13, 60.10.

Ev-547. U. S. Geol. Survey. Irregular sec. 23, T. 3 S., R. 1 E. Drilled observation artesian well in sand of Pleistocene age, diameter 4 inches, depth 207 feet. Highest water level 43.62 below lsd, May 28, 1954; lowest 45.66 below lsd, Dec. 29, 1954. Records available: 1954.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	44.20	....	43.66	44.18	44.46	44.75	44.97	45.21	45.44
2	43.95	....	44.13	....	43.67	44.20	44.46	44.75	44.97	45.26	45.43
3	43.93	....	44.12	....	43.75	44.20	44.49	44.75	45.01	45.20	45.43
4	43.97	....	44.11	....	43.77	44.20	44.50	44.75	45.01	45.31	45.41
5	44.04	....	44.11	....	43.77	44.19	44.50	44.76	45.00	45.25	45.43
6	44.02	....	44.10	....	43.77	44.16	44.50	44.76	45.00	45.22	45.51
7	44.14	....	44.09	....	43.78	44.23	44.50	44.76	45.05	45.26	45.45
8	44.07	....	....	....	43.79	44.23	44.51	44.78	45.04	45.26	45.43
9	43.95	....	....	....	43.81	44.25	44.53	44.79	45.01	45.26	45.52
10	43.92	....	....	....	43.82	44.26	44.56	44.79	45.03	45.29	45.52
11	44.02	....	....	....	43.82	44.26	44.55	44.82	45.05	45.29	45.47
12	44.17	....	....	....	43.85	44.29	44.56	44.81	45.07	45.26	45.50
13	44.06	....	....	....	43.87	44.29	44.58	44.83	45.06	45.25	45.50
14	44.00	....	....	....	43.87	44.32	44.59	44.85	45.10	45.28	....
15	44.02	....	....	....	43.89	44.31	44.59	44.83	45.13	45.30	....
16	44.08	....	....	....	43.92	44.33	44.58	44.86	....	45.33	....
17	44.10	....	....	....	43.96	44.31	44.59	44.87	....	45.34	....
18	44.03	....	....	....	43.98	44.34	44.60	44.87	h45.13	45.33	....
19	43.94	....	....	....	43.97	44.35	44.61	44.87	45.15	45.32	....
20	44.10	....	....	....	43.99	44.35	44.61	44.86	45.15	....	....
21	44.16	....	....	....	44.01	44.36	44.63	44.90	45.15	....	....
22	44.04	44.37	44.64	44.91	45.19	....	h45.52
23	44.01	....	....	....	44.06	44.36	44.65	44.92	45.19	....	45.59
24	44.06	44.36	44.66	44.92	45.19	h45.38	45.60
25	44.08	44.39	44.65	44.91	45.18	45.41	45.59
26	44.10	44.39	44.66	44.92	45.18	45.40	45.60
27	h44.63	44.10	....	44.69	44.91	45.18	45.40	45.56
28	43.63	....	44.13	....	44.68	44.94	45.17	45.39	45.52
29	43.67	44.14	....	44.70	44.96	45.22	45.50	45.64
30	44.08	....	43.69	44.16	....	44.70	44.97	45.22	45.46	45.61
31	44.11	....	43.71	....	44.47	44.73	....	45.23	....	45.57

h Tape measurement.

Ev-571. Edward Fusilier. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 4 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 4 inches, depth 170 feet. Highest water level 31.74 below lsd, Mar. 22, 1954; lowest 35.19 below lsd, Sept. 15, 1954. Records available: 1953-54. Sept. 15, 1953, 33.93; Sept. 24, 34.50; Sept. 25, 34.15; Oct. 1, 33.84; Mar. 15, 1954, 31.88; Mar. 22, 31.74; Sept. 15, 35.19.

Ev-582. U. S. Geol. Survey. S $\frac{1}{2}$ irregular sec. 38, T. 3 S., R. 1 E. Drilled observation artesian well in sand of Pleistocene age, diameter 4 inches, depth 208 feet. Highest water level 24.15 below lsd, Jan. 9, 1954; lowest 26.04 below lsd, Dec. 30, 1954. Records available: 1954.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24.22	.....	24.35	24.39	24.80	24.76	25.24	25.40	25.57	25.64	25.76	25.90
2	24.21	.....	24.35	24.38	24.80	24.75	25.27	25.40	25.57	25.65	25.76	25.90
3	24.24	.....	24.39	24.38	24.76	24.77	25.27	25.41	25.57	25.65	25.76	25.90
4	24.23	.....	24.38	24.37	24.73	24.78	25.28	25.41	25.58	25.66	25.76	25.90
5	24.25	.....	24.35	24.38	24.70	24.80	25.29	25.41	25.58	25.66	25.76	25.90
6	24.26	.....	24.36	24.38	24.68	24.83	25.31	25.40	25.59	25.67	25.76	25.93
7	24.26	.....	24.35	24.38	24.71	24.85	25.31	25.41	25.59	25.68	25.76	25.93
8	24.25	.....	24.35	24.38	24.73	24.87	25.34	25.41	25.59	25.68	25.76	25.90
9	24.26	.....	24.32	24.38	24.74	24.89	25.36	25.42	25.58	25.68	25.76	25.95
10	24.24	24.27	24.32	24.38	24.72	24.90	25.37	25.43	25.58	25.68	25.76	25.94
11	24.29	24.27	24.32	24.40	24.72	24.93	25.38	25.43	25.59	25.68	25.76	25.93
12	24.30	24.34	24.33	24.41	24.69	24.96	25.40	25.43	25.59	25.68	25.76	25.93
13	24.27	24.32	24.35	24.41	24.72	24.97	25.42	25.44	25.59	25.68	25.76	25.95
14	24.26	24.30	24.39	24.43	24.73	25.00	25.43	25.45	25.61	25.69	25.76	25.94
15	.....	24.30	24.40	24.46	24.72	25.02	25.44	25.46	25.60	25.70	25.76	25.95
16	.....	24.31	24.40	24.54	24.72	25.03	25.45	25.46	25.61	.....	25.76	25.95
17	.....	24.34	24.36	24.57	24.72	25.06	25.44	25.47	25.61	.....	25.76	25.97
18	.....	24.32	24.33	24.58	24.72	25.08	25.45	25.48	25.61	h25.71	25.76	25.96
19	.....	24.30	24.32	24.62	24.72	25.09	25.44	25.49	25.61	25.72	25.76	25.98
20	.....	24.35	24.37	24.64	24.74	25.09	25.45	25.50	25.61	25.72	.....	25.98
21	24.24	24.35	24.38	24.65	24.75	25.09	25.45	25.52	25.62	25.72	.....	25.97
22	.....	24.35	24.37	24.67	24.74	25.10	25.45	25.53	25.63	25.73	.....	25.97
23	.....	24.33	24.37	24.70	24.74	25.11	25.44	25.53	25.63	25.73	.....	26.00
24	.....	24.33	24.36	24.72	.....	25.15	25.44	25.54	25.62	25.73	h25.83	26.00
25	.....	24.31	24.38	24.74	.....	25.16	25.43	25.53	25.63	25.73	25.86	26.00
26	.....	24.31	24.38	24.76	.....	25.18	25.43	25.54	25.63	25.73	25.85	26.00
27	.....	24.30	24.36	24.78	h24.74	25.19	.....	25.55	25.62	25.72	25.85	25.99
28	.....	24.36	.....	24.78	24.76	25.20	.....	25.55	25.63	25.75	25.84	25.95
29	.....	.....	.....	24.81	24.78	25.21	.....	25.55	25.64	25.76	25.91	26.02
30	.....	.....	24.37	24.81	24.78	25.22	h25.42	25.54	25.64	25.76	25.90	26.02
31	.....	.....	24.37	.....	24.77	.....	25.42	25.55	.....	25.76	.....	26.00

h Tape measurement.

Ev-587. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 31, T. 3 S., R. 2 E. Bored observation artesian well in sand of Pleistocene age, diameter 1 $\frac{1}{2}$ inches, depth 96 feet. Highest water level 49.53 below lsd, Mar. 15, 1954; lowest 55.02 below lsd, Sept. 13, 1954. Records available: 1953-54. Oct. 26, 1953, 50.97; Nov. 10, 50.81; Dec. 1, 50.50; Mar. 15, 1954, 49.53; Sept. 13, 55.02.

Ev-595. U. S. Geol. Survey. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 4 S., R. 1 W. Drilled observation artesian well in sand of Pleistocene age, diameter 6 inches, depth 115 feet. Highest water level 40.22 below lsd, Apr. 13, 1954; lowest 43.67 below lsd, Sept. 1, Oct. 1, 1954. Records available: 1954. Recording gage removed Dec. 8.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	40.63	40.42	41.11	42.00	42.83	43.62	43.67	43.67	43.35	43.11
2	40.84	40.33	41.20	41.92	42.88	43.61	43.64	43.63	43.34	43.08
3	40.70	40.32	41.22	41.96	42.90	43.64	43.63	43.62	43.42	43.05
4	40.65	40.32	41.44	42.07	42.93	43.63	43.65	43.58	43.29	43.02
5	40.74	40.31	41.42	42.06	42.99	43.62	43.62	43.59	43.19	42.96
6	40.65	40.29	41.37	42.10	43.01	43.61	43.62	43.61	43.35	43.07
7	40.58	40.29	41.32	42.16	43.08	43.60	43.61	43.60	43.26	h43.04
8	40.54	40.40	41.34	42.20	43.11	43.59	43.64	43.52	43.27	.....
9	40.48	40.30	41.43	42.23	43.15	43.60	43.62	43.55	43.30	.....
10	40.50	40.37	41.42	42.27	43.14	43.59	43.61	43.49	43.25	.....

Ev-595--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	40.61	40.33	41.47	42.28	43.17	43.60	43.61	43.49	43.20	.....
12	40.65	40.33	41.44	42.29	43.20	43.62	43.61	43.52	43.21	.....
13	40.83	40.26	41.39	42.32	43.23	43.67	43.61	43.54	43.22	.....
14	40.78	40.29	41.43	42.31	43.25	43.68	43.60	43.58	43.24	.....
15	40.67	40.23	41.58	42.37	43.21	43.60	43.59	43.53	43.21	.....
16	40.54	40.55	41.65	42.41	43.27	43.64	43.69	43.51	43.20	.....
17	40.45	40.45	41.69	42.43	43.29	43.62	43.71	43.57	43.16	.....
18	40.67	40.43	40.40	41.68	42.45	43.33	43.63	43.68	.....	43.22	.....
19	40.95	40.53	40.52	41.68	42.46	43.37	43.66	43.66	43.37	43.22	.....
20	40.88	40.54	40.59	41.69	42.49	43.41	43.66	43.66	43.40	43.20	.....
21	40.80	40.52	40.55	41.69	42.48	43.45	43.61	43.68	43.44	.....	.....
22	40.66	40.46	40.63	.....	42.66	43.47	43.61	43.69	43.42	.....	.....
23	40.67	40.45	40.67	.....	42.69	43.49	43.63	43.68	43.41	.....	.....
24	40.60	40.43	40.74	41.83	42.71	.....	43.63	43.65	43.37	43.13	.....
25	40.59	40.56	40.82	41.84	42.70	.....	43.64	43.60	43.39	43.14	.....
26	40.59	40.45	40.88	41.87	42.74	.....	43.65	43.57	43.38	43.15	.....
27	40.82	40.40	40.90	41.86	42.76	43.60	43.67	43.59	43.40	43.12	.....
28	40.64	40.40	40.91	41.86	42.78	.....	43.67	43.60	43.33	43.02	.....
29	40.27	40.97	41.90	42.81	.....	43.65	43.63	43.35	43.22	.....
30	40.33	41.05	41.99	42.82	.....	43.62	43.68	43.35	43.13	.....
31	40.55	.....	41.98	.....	43.64	43.68	.....	43.31	.....	.....

h Tape measurement.

Ev-607. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 1 S., R. 1 E. Jetted observation water-table well in sand of Pleistocene age, diameter $\frac{1}{2}$ inch, depth 305 feet. Highest water level 20.70 below lsd, June 9, 1953; lowest 24.93 below lsd, Mar. 9, 1953. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9, 1953	24.93	Apr. 20, 1953	23.96	June 16, 1953	20.71	Aug. 3, 1953	21.20
11	24.88	27	23.96	23	20.71	10	21.37
12	24.85	May 5	23.66	30	20.71	17	21.46
24	24.40	11	23.08	July 7	20.83	24	21.60
31	24.18	26	20.79	9	20.99	28	22.30
Apr. 7	24.02	June 1	20.73	21	21.11	Mar. 17, 1954	24.29
13	24.10	9	20.70	28	21.17	Sept. 13	24.38

Ev-608. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 1 S., R. 1 W. Jetted observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 30 feet. Highest water level 1.84 below lsd, May 26, 1953; lowest 7.53 below lsd, Sept. 13, 1954. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 30, 1953	4.51	July 9, 1953	5.60	Aug. 11, 1953	5.52	Sept. 28, 1953	6.11
May 5	3.20	28	5.22	17	5.76	Mar. 19, 1954	5.86
11	3.59	Aug. 4	5.18	25	5.47	Sept. 13	7.53
26	1.84	.....	.....	.....	.....	.....	.....

Ev-609. U. S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 2 S., R. 1 E. Jetted observation water-table well in sand of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 92 feet. Highest water level 42.13 below lsd, Sept. 15, 1954; lowest 43.08 below lsd, May 26, 1953. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 26, 1953	43.08	June 15, 1953	43.03	Aug. 10, 1953	43.02	Mar. 17, 1954	43.05
June 1	43.05	23	43.04	Sept. 20	43.05	Sept. 15	42.13
8	43.07	July 9	43.01	.....	.....	.....	.....

Ev-610. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, T. 2 S., R. 1 W. Driven observation water-table well in sand of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 53 feet. Highest water level 36.42 below lsd, June 15, 1953; lowest 36.94 below lsd, Sept. 15, 1954. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 8, 1953	36.53	June 1, 1953	36.44	June 23, 1953	36.49	Sept. 28, 1953	36.64
11	36.53	8	36.46	July 9	36.54	Mar. 15, 1954	36.91
25	36.47	15	36.42	Aug. 10	36.59	Sept. 15	36.94

Ev-611. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 4 S., R. 1 E. Jetted observation water-table well in sand of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 96 feet. Highest water level 31.56 below lsd, Mar. 15, 1954; lowest 34.95 below lsd, Sept. 15, 1954. Records available: 1953-54. Nov. 5, 1953, 33.52; Nov. 11, 33.56; Mar. 15, 1954, 31.56; Sept. 15, 34.95.

Ev-612. U. S. Geol. Survey. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 1 S., R. 1 E. Jetted observation artesian well in sand of Pleistocene age, diameter 1 $\frac{1}{2}$ inches, depth 75 feet. Highest water level 23.23 below lsd, Nov. 5, 1953; lowest 24.73 below lsd, Sept. 13, 1954. Records available: 1953-54. Nov. 5, 1953, 23.23; Mar. 19, 1954, 23.54; Sept. 13, 24.73.

Grant Parish

G-2. Carnahan, Hunthunce & Hargiss. Sec. 5, T. 5 N. R. 3 W. Drilled domestic artesian well in sand of Catahoula formation, diameter 3 inches, depth 298 feet. Highest water level 1.77 below lsd, Apr. 27, 1942; lowest 36.32 below lsd, Sept. 8, 1954. Records available: 1938-45, 1950-54. Mar. 12, 33.14; Apr. 16, 33.37; May 21, 30.09; Aug. 5, 35.39; Sept. 8, 36.32; Nov. 19, 36.02; Dec. 17, 36.20.

G-27. 4-H Club Camp. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 6 N. R. 1 E. Drilled domestic artesian well in sand of Catahoula formation, diameter 2 inches, depth 397 feet. Highest water level 3.45 above lsd, Mar. 27, 1950; lowest 0.25 above lsd, June 14, 1954. Records available: 1938, 1940-43, 1945-47, 1949-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	+1.5	May 17	+0.42	Aug. 2	+1.83	Nov. 16	+2.72
Mar. 8	+1.5	June 14	+ .25	Sept. 1	+1.12	Dec. 27	+2.87
Apr. 12	+ .90						

G-127. Camp Livingston. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32, T. 6 N., R. 1 E. Drilled unused artesian well in upland sand of Pleistocene age, diameter 12 inches, depth 127 feet, screen 106-127. Highest water level 65.25 below lsd, Aug. 25, 1950; lowest 85.06 below lsd, Feb. 24, 1950. Records available: 1942-54.

Apr. 22	68.48	July 26	68.74	Sept. 20	68.95	Nov. 23	70.31
May 21	68.64	Aug. 23	68.87	Oct. 21	70.04	Dec. 16	69.39
June 25	68.64						

Iberia Parish

I-19. Jefferson Island Planting Co. Irregular sec. 59, T. 12 S., R. 5 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 477 feet. Land-surface datum is 9.72 feet above msl. Highest water level 3.65 below lsd, May 11, 1944; lowest 10.08 below lsd, Oct. 2, 1953. Records available: 1944-54. Mar. 16, 7.78.

Jackson Parish

Ja-13. Southern Advance Bag & Paper Co. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 15 N., R. 4 W. Drilled unused artesian well in Sparta sand, diameter 18 to 12 inches, depth 512 feet, screen 262-339, 363-509. Highest water level 57.6 below lsd, Feb. 14, 1950; lowest 120.32 below lsd, Jan. 27, 1953. Records available: 1945-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	76.41	95.95	.....	98.48	96.50	89.15	90.48	84.17	89.75	.....	110.44	112.02
2	75.86	96.03	.....	99.45	96.85	89.16	90.40	82.53	89.51	.....	110.57	112.18
3	75.42	96.09	.....	97.81	99.25	89.15	90.32	81.43	89.33	.....	109.75	112.27
4	78.78	96.16	.....	96.50	98.62	89.16	90.18	80.62	89.25	.....	108.64	112.31
5	96.31	.....	95.84	96.72	89.16	88.04	79.92	89.30	106.50	108.16	112.33
6	96.45	.....	95.55	95.17	89.03	85.50	79.38	89.32	106.68	107.49	112.39
7	96.60	.....	95.42	94.04	88.91	83.80	78.95	87.85	106.68	106.93	112.48
8	96.75	.....	95.41	93.50	88.88	82.47	78.62	87.00	105.85	106.54	112.53
9	96.84	98.66	95.48	93.03	88.88	81.34	80.20	89.70	104.98	107.27	112.56
10	96.89	94.50	95.55	92.62	88.89	80.36	.....	92.18	104.30	108.21	112.62
11	96.93	91.30	95.63	92.20	88.90	79.45	.....	.....	103.79	108.96	112.68
12	97.06	89.17	95.73	91.79	90.69	80.78	.....	.....	103.48	109.50	112.68
13	97.19	91.39	93.25	91.36	93.79	84.48	.....	.....	104.07	109.88	112.66
14	97.29	87.38	91.25	90.93	96.35	86.68	.....	.....	105.19	110.13	112.67
15	97.36	84.70	92.52	90.59	96.41	87.42	.....	.....	106.18	110.30	112.67
16	97.45	82.75	93.47	90.48	95.01	87.56	.....	.....	106.00	110.39	112.69
17	97.56	81.05	94.14	90.48	93.83	87.57	86.09	.....	105.40	110.31	112.57
18	97.66	79.50	94.50	90.47	92.94	87.55	86.50	.....	104.90	110.48	112.51
19	97.72	78.07	94.77	90.42	92.50	87.39	86.78	.....	105.51	110.71	112.49
20	97.73	76.90	95.11	90.33	92.12	87.40	87.00	.....	106.66	110.90	112.55
21	97.78	75.86	95.39	90.25	91.81	87.45	87.00	.....	107.53	111.06	112.75
22	97.85	75.32	95.62	90.12	91.42	87.47	87.06	.....	108.12	111.16	112.88
23	97.85	80.65	95.80	90.05	91.18	87.49	87.16	.....	108.51	111.28	112.97
24	99.07	84.45	95.93	89.96	91.00	87.40	87.27	.....	108.86	111.22	113.00
25	86.92	96.06	89.86	90.86	87.22	87.36	.....	109.13	111.18	110.53

Ja-13--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	.....	.....	82.35	96.16	89.75	90.80	87.18	87.43	.....	109.31	111.20	105.40
27	.....	.....	82.24	96.25	89.65	90.86	87.34	90.37	.....	109.18	111.24	101.74
28	.....	.....	83.87	96.31	89.52	90.85	87.29	91.73	.....	109.52	111.27	98.70
29	h95.64		85.05	96.38	89.42	90.75	87.25	91.29	.....	109.83	111.38	96.06
30	95.74		90.53	96.46	89.36	90.59	87.25	90.76	.....	110.10	111.77	93.84
31	95.86		95.23		89.30		86.58	90.13		110.30		91.46

h Tape measurement.

Jefferson Parish

Jf-26. John Frabiale. NW $\frac{1}{4}$ sec. 38, T. 12 S., R. 10 E. Drilled domestic well in sand of Recent age, diameter 2 inches, depth 185 feet. Highest water level 0.10 above lsd, Sept. 18, 1953; lowest 0.79 below lsd, Jan. 8, 1954. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8	0.79	May 13	0.77	Aug. 13	0.36	Oct. 29	0.13
Feb. 26	.13	June 10	.51	Sept. 30	.25	Dec. 3	.37
Apr. 8	.43						

Jefferson Davis Parish

JD-8. W. Koll. SW $\frac{1}{4}$ sec. 3, T. 9 S., R. 3 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 336 feet, screen 246-336. Land-surface datum is 31.39 feet above msl. Highest water level 27.13 below lsd, Apr. 10, 1941; lowest 65.89 below lsd, Sept. 14, 1954. Records available: 1938-40, 1944-54. Mar. 17, 49.52; Sept. 14, 65.89.

JD-9. Welsh Canal Co. NW $\frac{1}{4}$ sec. 34, T. 9 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 318 feet, screen 238-318. Land-surface datum is 24.10 feet above msl. Highest water level 19.52 below lsd, Mar. 29, 1943; lowest 74.26 below lsd, June 22, 1954. Records available: 1938-54.

Feb. 4	43.14	May 26	65.88	Aug. 25	65.35	Oct. 19	57.37
Mar. 7	40.63	June 22	74.26	Sept. 15	62.88	Dec. 15	53.63
Apr. 20	48.24	July 27	72.98				

JD-11. Mrs. T. L. Linscomb. NE $\frac{1}{4}$ sec. 28, T. 7 S., R. 3 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 307 feet, screen 206-307. Land-surface datum is 46.70 feet above msl. Highest water level 40.30 below lsd, Jan. 21, 1943; lowest 71.44 below lsd, Sept. 14, 1954. Records available: 1938-54. Mar. 17, 61.61; Sept. 14, 71.44.

JD-14. Calcasieu-Marine National Bank. NE $\frac{1}{4}$ sec. 21, T. 7 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 350 feet, screen 270-350. Land-surface datum is 48.00 feet above msl. Highest water level 42.56 below lsd, Feb. 6, 1947; lowest 62.08 below lsd, Sept. 14, 1954. Records available: 1938-39, 1944-54. Mar. 17, 56.37; Sept. 14, 62.08.

JD-23. Calcasieu-Marine National Bank. NE $\frac{1}{4}$ sec. 4, T. 10 S., R. 6 W. Drilled unused artesian well in sand of Pleistocene age, diameter 16 to 10 inches, depth 353 feet, screen 116-241. Land-surface datum is 25.71 feet above msl. Highest water level 17.98 below lsd, May 8, 1942; lowest 69.35 below lsd, July 20, 1954. Records available: 1938-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	43.43	41.29	39.87	39.01	48.24	55.74	67.44	.....	63.22	57.25	.....	.....
2	43.28	41.18	39.79	38.98	48.43	55.72	67.68	.....	63.01	57.10	.....	.....
3	43.28	41.08	39.90	38.97	48.68	56.15	67.80	.....	62.75	56.91	.....	.....
4	43.12	41.02	39.88	38.96	49.00	56.60	67.80	.....	62.53	56.78	.....	.....
5	43.11	41.00	39.75	38.98	49.35	57.00	67.80	.....	62.33	56.66	.....	.....
6	43.05	40.96	39.17	38.95	49.74	57.44	68.19	.....	.....	56.54	.....	.....
7	42.97	41.02	39.60	38.94	50.20	57.89	68.55	.....	.....	56.46	.....	.....
8	42.84	40.89	39.52	38.92	50.64	58.51	68.70	.....	.....	56.31	.....	.....
9	42.74	40.74	39.40	38.88	51.04	59.05	68.67	.....	.....	56.14	.....	.....
10	42.60	40.62	39.30	38.88	51.34	59.67	68.45	.....	.....	56.02	.....	.....

JD-23--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	42.74	40.72	39.26	38.90	51.60	60.43	68.33	.....	.....	55.85	.....	.....
12	42.72	40.76	39.25	38.90	52.01	61.20	68.16	.....	.....	55.69	.....	.....
13	42.61	40.62	39.30	38.85	52.15	61.90	68.25	.....	h62.48	55.69	.....	.....
14	42.44	40.53	39.39	38.87	52.20	62.55	68.53	.....	.....	55.73	.....	.....
15	42.24	40.48	39.43	38.92	52.25	63.35	68.75	.....	.....	55.60	.....	h49.69
16	42.29	40.49	39.44	39.10	52.32	63.93	68.90	.....	h62.00	55.47	.....	49.53
17	42.29	40.43	39.35	39.28	52.34	64.65	69.08	.....	.....	55.36	.....	49.48
18	42.17	40.31	39.12	.....	52.42	65.14	69.12	.....	.....	55.27	.....	49.43
19	42.10	h40.22	39.00	.....	52.75	65.57	69.18	.....	.....	55.15	.....	49.44
20	42.01	40.27	39.06	39.97	53.33	66.02	69.35	.....	h58.95	h55.08	.....	49.35
21	41.98	40.28	39.07	40.71	54.03	66.33	.....	.....	58.82	54.95	.....	49.23
22	42.02	40.25	39.03	41.63	54.55	66.56	.....	.....	58.75	54.82	.....	49.10
23	41.94	40.13	38.97	42.81	.....	66.72	.....	.....	58.65	54.73	.....	49.07
24	41.82	40.09	38.93	43.15	.....	66.73	.....	.....	58.50	54.62	.....	49.03
25	41.75	39.98	38.94	43.93	55.73	66.70	.....	64.63	58.33	54.45	.....	49.00
26	41.68	39.89	38.97	44.63	55.90	66.55	.....	64.37	58.12	54.28	h51.00	48.91
27	41.66	39.79	38.90	44.59	55.95	66.50	h68.34	64.28	57.90	54.13	.....	48.77
28	41.59	39.92	38.90	46.37	55.81	66.71	.....	64.13	57.65	53.91	.....	48.62
29	41.48	.....	38.88	47.22	55.78	66.90	.....	63.82	57.60	53.82	.....	48.73
30	41.40	.....	38.89	48.08	55.77	67.18	.....	63.50	57.43	.....	.....	48.70
31	41.41	.....	38.93	.....	55.76	.....	.....	63.33	.....	.....	.....	48.51

h Tape measurement.

JD-26. I. L. Hebert. NE $\frac{1}{4}$ sec. 21, T. 10 S., R. 3 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 22 to 10 inches, depth 350 feet. Land-surface datum is 19.63 feet above msl. Highest water level 18.95 below lsd, Jan. 22, 1943; lowest 46.02 below lsd, Sept. 14, 1954. Records available: 1939-54. Mar. 17, 31.56; Sept. 14, 46.02.

JD-33. Joe Petitjean. NW $\frac{1}{4}$ sec. 18, T. 11 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 350 feet. Land-surface datum is 8.17 feet above msl. Highest water level 5.61 below lsd, Apr. 8, 1941; lowest 38.26 below lsd, Sept. 14, 1954. Records available: 1939-41, 1947-54. Mar. 18, 20.85; Sept. 14, 38.26.

JD-43. Lucius Vidrine. NE $\frac{1}{4}$ sec. 24, T. 8 S., R. 6 W. Drilled unused artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 350 feet. Land-surface datum is 32.19 feet above msl. Highest water level 26.03 below lsd, Jan. 22, 1943; lowest 64.94 below lsd, July 9, 1953. Records available: 1939-54. Recording gage removed June 23.

Daily noon water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	June	Sept.	Oct.
1	47.08	e45.67	44.67	43.93	54.69	59.13	.....	.....
2	46.93	e45.58	44.62	43.85	54.62	59.48	.....	.....
3	46.93	e45.46	44.74	44.25	55.65	59.69	.....	.....
4	46.77	h45.39	44.80	43.88	56.60	60.69	.....	.....
5	46.78	45.37	44.68	43.85	57.08	60.90	.....	.....
6	46.79	45.33	44.63	43.82	57.12	60.38	.....	.....
7	46.77	45.38	44.57	43.75	56.35	60.00	.....	.....
8	46.66	45.43	44.50	44.50	53.73	62.08	.....	.....
9	46.56	45.27	44.40	44.20	53.40	62.17	.....	.....
10	46.38	45.14	.....	44.55	58.30	62.35	.....	.....
11	46.54	45.06	.....	44.80	59.61	62.58	.....	.....
12	46.61	45.24	.....	44.93	59.75	62.59	.....	.....
13	46.53	45.24	.....	48.25	51.86	62.54	h54.93	.....
14	46.48	45.15	.....	48.42	51.17	62.30	.....	.....
15	46.18	45.10	h44.48	48.40	50.60	61.34	.....	.....
16	46.21	45.10	44.52	48.58	50.12	59.35	.....	.....
17	46.25	45.12	44.43	.....	50.32	58.60	.....	.....
18	46.18	45.05	44.25	.....	50.86	58.00	.....	.....
19	46.08	44.92	44.09	.....	52.00	58.13	.....	.....
20	46.00	44.91	44.12	49.60	55.03	58.60	.....	h52.98
21	45.99	44.97	44.18	51.56	55.62	59.05	.....	.....
22	46.07	44.97	44.15	53.05	52.00	59.55	.....	.....
23	46.03	44.85	44.35	53.82	.....	.....	.....	.....
24	e45.7	44.83	44.22	54.15	.....	.....	.....	.....
25	e45.7	44.74	44.20	54.40	h55.00	.....	.....	.....

JD-43--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	Sept.	Oct.
26	e45.7	44.65	44.20	54.97	55.00	.....	.....	.....
27	e45.7	44.57	44.09	55.50	54.68	.....	.....	.....
28	e45.7	44.66	44.00	56.30	54.94	.....	.....	.....
29	e45.7		43.91	56.68	55.07	.....	.....	.....
30	e45.79		43.87	55.66	53.70	.....	.....	.....
31	e45.67		43.85		57.80	.....		.....

* No record for July, August, November, and December.

e Estimated.

h Tape measurement.

JD-78. E. A. Lyons & Sons. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 11 S., R. 5 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 16 inches, depth 347 feet. Land-surface datum is 5.44 feet above msl. Highest water level 4.22 below lsd, Apr. 13, 1944; lowest 36.57 below lsd, July 6, 1948. Records available: 1939-40, 1944-54. Mar. 18, 17.67; Sept. 14, 32.97.

JD-115. Calcasieu-Marine National Bank. NE $\frac{1}{4}$ sec. 34, T. 9 S., R. 5 W. Drilled unused artesian well in sand of Pleistocene age, diameter 12 inches, depth 300 feet. Land-surface datum is 30.20 feet above msl. Highest water level 25.77 below lsd, Jan. 22, 1943; lowest 67.81 below lsd, Sept. 10, 1948. Records available: 1939-54. Mar. 17, 38.76; Sept. 14, 60.58.

JD-222. Lacassane Co., Inc. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 11 S., R. 5 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 300 feet. Land-surface datum is 4.98 feet above msl. Highest water level 6.15 below lsd, May 8, 1946; lowest 34.13 below lsd, Sept. 14, 1954. Records available: 1945-54. Mar. 18, 17.78; Sept. 14, 34.13.

JD-223. Lacassane Co., Inc. SW $\frac{1}{4}$ sec. 27, T. 11 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 300 feet. Land-surface datum is 5.18 feet above msl. Highest water level 6.88 below lsd, Apr. 18, 1946; lowest 32.68 below lsd, July 6, 1948. Records available: 1945-54. Mar. 18, 17.99. Measurement discontinued.

JD-224. T. J. Heinen. Sec. 10, T. 8 S., R. 4 W. Drilled observation artesian well in sand of Pleistocene age, diameter 6 inches, depth 760 feet, screen 585-604. Highest water level 39.10 below lsd, Apr. 20-25, 29-30, May 1-6, 1947; lowest 74.32 below lsd, July 17, 20, 1951. Records available: 1946-54. Feb. 4, 57.61; Mar. 15, 56.46; Sept. 15, 68.82.

JD-317. H. Aguilard. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 8 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 20 to 10 inches, depth 289 feet, screen 209-289. Land-surface datum is 41.73 feet above msl. Highest water level 48.99 below lsd, Mar. 20, 1950; lowest 73.55 below lsd, Sept. 15, 1954. Records available: 1948-54. Mar. 15, 57.84; Sept. 15, 73.55.

JD-331. Lock-Moor Plantation. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 8 S., R. 7 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 183 feet, screen 119-183. Land-surface datum is 25.06 feet above msl. Highest water level 19.34 below lsd, Sept. 13, 1954; lowest 30.30 below lsd, Sept. 30, 1952. Records available: 1949-54. Mar. 15, 28.42; Sept. 13, 19.34.

JD-446. Maple Hughes. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 10 S., R. 4 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 240 feet. Highest water level 23.56 below lsd, Apr. 20, 1954; lowest 43.00 below lsd, July 28, 1954. Records available: 1954.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	28.91	.....	.....	40.20	36.92	34.53	32.68	30.01
2	h21.82	.....	28.89	.....	.....	39.80	36.87	34.50	32.66	29.94
3	28.67	.....	.....	39.79	36.82	34.27	32.53	29.94
4	28.98	.....	.....	39.62	36.64	34.25	32.35	29.92
5	29.21	.....	.....	39.90	36.56	34.11	32.28	29.76
6	29.98	.....	.....	40.05	36.52	34.09	32.17	29.73
7	31.10	.....	.....	40.25	36.31	34.50	32.07	29.70
8	31.71	.....	.....	40.80	36.20	34.72	32.00	29.93
9	32.17	.....	.....	40.97	36.13	34.67	31.83	29.82
10	32.91	.....	.....	40.30	36.30	34.45	31.69	29.79
11	34.18	.....	.....	40.15	36.11	34.22	31.61	30.00
12	h22.70	.....	.....	34.05	.....	.....	39.95	35.94	34.00	31.51	29.98
13	33.17	.....	.....	39.60	35.82	33.90	31.40	29.81
14	32.45	.....	.....	39.44	35.75	34.02	31.29	29.70
15	32.08	.....	.....	39.30	35.66	33.88	31.10	29.67

JD-446--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	31.79	.....	.....	39.12	35.50	.....	31.03	29.57
17	h21.16	.....	31.90	.....	.....	39.02	35.32	.....	30.98	29.55
18	21.11	.....	32.77	.....	.....	39.10	35.25	.....	30.82	29.68
19	21.04	.....	33.67	.....	.....	39.01	35.14	h33.80	30.75	29.75
20	21.02	23.59	34.48	.....	.....	38.70	35.06	33.80	30.70	29.58
21	21.00	23.93	35.50	.....	.....	38.35	35.03	33.75	.....	29.43
22	24.35	36.92	h40.84	.....	37.95	35.23	33.53	.....	29.28
23	24.73	.....	39.80	.....	37.72	35.28	33.79	.....	29.30
24	25.45	.....	39.82	.....	37.48	35.03	33.86	.....	29.37
25	25.82	h38.83	39.82	.....	.....	35.05	33.95	.....	29.15
26	25.93	.....	39.80	.....	37.18	35.25	34.12	30.27	29.02
27	26.43	.....	39.83	h42.30	37.05	35.05	33.30	30.18	28.86
28	27.37	.....	40.04	42.80	36.96	35.07	32.58	30.09	28.66
29	28.26	.....	40.60	42.50	37.14	34.85	32.52	30.11	28.63
30	29.21	.....	40.83	41.35	36.92	34.70	32.55	30.08	28.57
31	40.75	36.83	.....	32.70	.....	28.48

h Tape measurement.

Lafayette Parish

Lf-6. Southwestern Louisiana Institute Horticultural Farm. Irregular sec. 68, T. 9 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 8 to 6 inches, depth 184 feet. Land-surface datum is 35.37 feet above msl. Highest water level 22.73 below lsd, Jan. 5, 1948; lowest 35.88 below lsd, Oct. 7, 1947. Records available: 1943-54. Mar. 16, 29.96.

Lf-129. Claude Hanks. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 10 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 to 8 inches, depth 350 feet, screen 300-350. Land-surface datum is 30.12 feet above msl. Highest water level 23.05 below lsd, Apr. 11, 1944; lowest 38.85 below lsd, Nov. 4, 1947. Records available: 1943-54. Mar. 16, 33.05; Sept. 15, 37.79.

Lf-164. Gaston Gordon. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 10 S., R. 5 E. Drilled unused artesian well in sand of Pleistocene age, diameter 8 inches, depth 113 feet. Land-surface datum is 33.41 feet above msl. Highest water level 14.9 below lsd, July 9-10, 1946; lowest 29.3 below lsd, May 11, 1948. Records available: 1944-54. Mar. 16, 25.62; Sept. 16, 28.52.

Lf-210. B. W. Spell. Irregular sec. 24, T. 10 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 350 feet. Land-surface datum is 26.01 feet above msl. Highest water level 19.92 below lsd, Apr. 11, 1944; lowest 39.89 below lsd, June 21, 1949. Records available: 1943-54. Mar. 16, 32.62.

Lf-405. John Conque. Irregular sec. 35, T. 11 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 to 2 inches, depth 190 feet, screen 166-190. Land-surface datum is 48.89 feet above msl. Highest water level 36.03 below lsd, Aug. 8, 1946; lowest 45.71 below lsd, Sept. 13, 1954. Records available: 1946-54. Mar. 16, 43.57; Sept. 13, 45.71.

Lf-437. Southern Pacific RR. Irregular sec. 40, T. 11 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 150 feet, screen 130-150. Land-surface datum is 18.89 feet above msl. Highest water level 12.06 below lsd, May 14, 1947; lowest 22.25 below lsd, July 15, 1947. Records available: 1946-54. Recording gage removed June 22.

Daily noon water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	June	Sept.
1	19.22	e18.93	18.66	18.58	19.03	19.58	.....
2	19.15	e18.93	18.63	18.54	19.04	19.62	.....
3	19.20	18.82	18.79	18.53	19.22	19.68	.....
4	19.08	18.82	18.72	18.52	19.25	19.72	.....
5	19.14	18.84	18.64	18.51	19.28	19.72	.....
6	19.15	18.81	18.64	18.50	19.30	19.66	.....
7	19.13	18.88	18.60	18.50	19.35	19.71	.....
8	19.10	18.89	.....	18.56	19.39	19.69	.....
9	19.06	18.78	.....	18.55	19.34	19.72	.....
10	19.02	18.73	.....	18.55	19.39	19.75	.....

Lf-437--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	Sept.
11	19.17	18.73	.....	18.55	19.39	19.71	.....
12	19.16	18.89	.....	18.55	19.37	19.77	.....
13	19.03	18.80	.....	18.51	19.47	19.76	.....
14	19.01	18.74	.....	18.50	19.50	19.77	.....
15	18.93	18.72	.....	18.44	19.52	19.82	.....
16	19.01	18.77	h18.74	18.61	19.49	19.87	h20.61
17	19.02	18.81	18.58	.....	19.47	19.92	.....
18	18.95	18.72	18.50	.....	19.49	19.96	.....
19	18.90	18.63	18.46	.....	19.49	19.94	.....
20	18.94	18.72	18.55	18.62	19.54	19.91	.....
21	19.03	18.76	18.56	18.60	19.48	19.96	.....
22	e18.93	18.72	18.55	18.64	.....	.....	.....
23	e18.93	18.63	18.56	18.71	.....	.....	.....
24	e18.93	18.66	18.56	18.75	h19.57	.....	.....
25	e18.93	18.62	18.61	18.78	19.55	.....	.....
26	e18.93	18.59	18.58	18.80	19.58	.....	.....
27	e18.93	18.55	18.52	18.83	19.58	.....	.....
28	e18.93	18.72	18.52	18.85	19.57	.....	.....
29	e18.93	.....	18.50	18.94	19.63	.....	.....
30	e18.93	.....	18.50	18.97	19.65	.....	.....
31	e18.93	.....	18.55	.....	19.61	.....	.....

* No record for July, August, October, November, and December.

e Estimated.

h Tape measurement.

Lf-478. Charles Bradford. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 9 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 282 feet, screen 210-280. Land-surface datum is 31.91 feet above msl. Highest water level 24.98 below lsd, Apr. 11, 1944; lowest 46.80 below lsd, Sept. 15, 1954. Records available: 1944-54. Mar. 16, 37.42; Sept. 15, 46.80.

Lf-479. City of Lafayette. Sec. 24, T. 9 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 212 feet, screen 122-206. Highest water level 32.41 below lsd, May 10, 1953; lowest 43.14 below lsd, Sept. 15, 1954. Records available: 1951-54.

Daily noon water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	Sept.
1	35.75	36.20	36.57	37.75	37.87	.....
2	37.12	36.70	35.62	37.72	38.22	.....
3	36.37	37.35	36.85	37.32	37.46	.....
4	37.15	36.85	36.89	36.00	38.29	.....
5	37.08	36.57	36.62	37.60	37.37	.....
6	37.08	36.80	36.64	37.82	38.21	.....
7	37.07	36.05	37.48	37.40	37.84	.....
8	37.38	36.70	36.72	37.46	37.90	.....
9	37.07	36.34	36.63	37.47	37.50	.....
10	35.90	36.34	35.80	38.70	39.11	.....
11	36.02	36.00	36.58	37.70	39.63	.....
12	36.83	35.72	36.62	37.50	38.16	.....
13	36.67	36.55	36.68	37.38	37.51	.....
14	36.57	35.52	35.90	37.90	38.41	.....
15	35.56	36.45	36.93	37.43	38.15	h43.14
16	36.59	36.55	36.45	37.20	37.61	.....
17	34.64	36.65	37.08	38.02	38.45	.....
18	36.70	37.39	37.28	35.60	38.50	.....
19	36.50	36.50	38.46	37.51	37.86	.....
20	34.68	36.60	37.03	37.00	39.51	.....
21	36.53	35.62	37.42	38.10	40.00	.....
22	36.59	36.60	39.08	38.35	39.56	.....
23	36.00	36.55	37.50	39.34	38.05	.....
24	34.67	35.95	37.10	38.93	39.32	.....
25	34.65	35.83	37.65	37.28	.....	.....
26	36.49	36.48	38.00	38.91	.....	.....
27	35.58	36.41	37.10	38.32	.....	.....
28	36.69	35.65	36.30	39.00	.....	.....
29	35.47	.....	37.02	39.57	.....	.....
30	35.57	.....	37.65	38.65	.....	.....
31	35.25	.....	37.67	.....	.....	.....

* No record for June, July, August, October, November, and December.

h Tape measurement.

La Salle Parish

La-41. Louisiana Delta Hardwood Lumber Co. NE $\frac{1}{4}$ sec. 8, T. 8 N., R. 2 E. Drilled unused artesian well in sand of Pleistocene age, diameter 16 inches, depth 59 feet. Highest water level 24.48 below lsd, Jan. 30, 1950; lowest 36.33 below lsd, June 18, 1952. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8	27.43	May 17	27.30	Aug. 2	27.92	Nov. 16	28.54
Apr. 12	27.48	June 14	27.32	Sept. 1	28.72	Dec. 27	28.55

Lincoln Parish

L-1. Town of Ruston. T. 18 N., R. 3 W. Drilled public-supply artesian well in Sparta sand, diameter 16 to 10 inches, depth 637 feet, screen 544-637. Highest water level 228.37 below lsd, Apr. 4, 1952; lowest 269.95 below lsd, June 18, 1952. Records available: 1951-52. Measurement discontinued.

L-27. W. D. Deloney. T. 19 N., R. 3 W. Drilled domestic artesian well in Sparta sand, diameter 3 inches, depth 540 feet, screen 530-540. Highest water level 178.68 below lsd, Feb. 7, 1951; lowest 195.31 below lsd, Sept. 3, 1954. Records available: 1951-54.

Mar. 10	191.55	May 20	190.61	Aug. 4	193.98	Nov. 18	194.99
Apr. 14	191.60	June 16	191.26	Sept. 3	195.31	Dec. 29	194.47

Livingston Parish

Li-10. McCarroll Lumber Co. Frost. Sec. 30, T. 7 S., R. 5 E. Drilled unused artesian well in sand of Pleistocene age, diameter 2 inches, depth 350 feet. Highest water level 5.5 above lsd, Dec. 29, 1947; lowest 2.65 below lsd, Nov. 30, 1954. Records available: 1940-54.

Jan. 5	+1.38	May 10	+1.14	Aug. 10	+0.67	Oct. 26	+0.98
Feb. 24	+1.27	June 7	+1.08	Sept. 27	+0.90	Nov. 30	-2.65
Apr. 5	+1.20						

Li-11. Sharp Civilian Conservation Corps Camp. Springville. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 7 S., R. 5 E. Drilled unused artesian well in sand of Pleistocene age, diameter 2 inches, depth 650 feet. Highest water level 3.35 above lsd, July 15, 1940; lowest 0.35 below lsd, Feb. 24, 1954. Records available: 1940-54. Jan. 5, 0.31; Feb. 24, 0.35; Apr. 5, 0.25; May 10, 0.04.

Li-15. Hammond Lumber Co. Springville. Center sec. 13, T. 7 S., R. 6 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ inches. Highest water level 8.4 above lsd, Apr. 3, 1947; lowest 3.05 above lsd, Oct. 26, 1954. Records available: 1947-54.

Jan. 5	+6.56	May 10	+6.25	Aug. 10	+5.80	Oct. 26	+3.05
Feb. 24	+6.65	June 17	+4.60	Sept. 27	+5.12	Nov. 30	+5.65
Apr. 5	+6.50						

Li-52. Coy Kinchen. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 6 S., R. 6 E. Drilled domestic artesian well, diameter 4 inches, depth 1,800 feet. Highest water level 116.2 above lsd, Nov. 30, 1950; lowest 109.00 above lsd, Jan. 4, 1954. Records available: 1950-54.

Jan. 4	+109.00	May 10	+111.62	Aug. 9	+111.62	Oct. 26	+110.37
Feb. 24	+111.15	June 7	+111.62	Sept. 27	+111.62	Nov. 30	+110.93
Apr. 5	+111.62						

Morehouse Parish

Mo-11. Southern Kraft Corp. Sec. 24, T. 21 N., R. 5 E. Drilled industrial artesian well in sand of Pleistocene age, diameter 16 to 10 inches, depth 890 feet. Highest water level 175.67 below lsd, Apr. 22, 1954; lowest 205.48 below lsd, Dec. 2, 1954. Records available: 1954.

Daily noon water level from recorder graph

Day	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	194.03	196.14	198.00	198.18	199.32	200.40	197.00	195.54
2	194.25	196.15	198.65	198.68	199.48	200.49	198.26	204.40
3	193.30	195.90	198.95	198.56	199.45	200.51	194.20	196.25
4	193.89	195.90	184.90	198.71	199.45	200.50	188.36	195.79
5	194.00	195.94	188.70	198.81	199.32	199.95	193.32	195.62

Mo-11--Continued.

Day	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	.....	194.15	195.89	186.80	199.14	189.62	199.22	193.30	195.36
7	.....	194.28	195.95	188.00	199.21	190.10	200.65	198.32	196.85
8	.....	194.29	196.15	192.47	199.22	188.24	198.84	195.75	197.05
9	.....	194.34	196.39	195.75	199.49	194.58	197.87	195.92	195.61
10	.....	194.45	196.35	197.62	199.48	196.40	189.88	195.65	200.00
11	.....	194.47	196.20	198.41	199.50	197.93	198.63	195.38	195.64
12	.....	194.40	196.41	198.90	199.77	198.30	197.90	197.31	197.53
13	.....	194.68	195.84	199.37	199.83	198.02	199.25	195.31	195.82
14	193.87	195.06	196.25	199.63	199.70	198.24	197.10	194.86	196.40
15	194.49	195.20	196.12	199.77	199.65	198.43	198.51	194.88	196.86
16	194.57	195.28	195.88	199.64	199.45	198.52	193.41	194.71	196.83
17	194.67	195.39	191.70	199.64	199.35	198.79	198.80	197.12	197.28
18	194.90	195.45	196.22	199.70	199.20	198.90	198.45	204.69	196.93
19	195.13	195.59	196.49	199.80	199.11	199.23	198.48	196.26	197.24
20	183.40	195.45	196.66	199.95	199.15	199.48	195.82	195.45	197.15
21	178.63	195.33	196.74	199.87	198.86	199.64	196.75	195.09	197.03
22	175.67	195.20	197.08	199.70	199.16	199.95	197.70	195.31	197.01
23	182.16	195.36	197.36	199.90	199.08	200.03	195.50	196.55	190.25
24	187.60	195.42	197.67	196.07	199.16	199.95	197.58	198.56	191.04
25	191.18	195.63	197.71	195.88	198.90	199.83	198.06	195.82	192.83
26	192.16	195.82	197.25	196.07	198.92	198.00	196.38	195.44	177.53
27	192.83	196.02	197.04	195.40	198.95	200.08	195.86	198.94	184.90
28	193.09	195.87	197.11	199.95	199.00	199.83	193.59	199.40	187.56
29	193.66	196.26	197.61	199.78	199.09	200.19	197.74	199.20	192.78
30	193.92	196.23	197.90	199.32	199.02	200.31	196.60	195.96	193.54
31		196.30		198.94	199.24		196.41		194.60

Mo-15. International Paper Co., Southern Kraft Division. Sec. 24, T. 21 N., R. 5 E.
 Drilled unused artesian well in sand of Pleistocene age, diameter 26 to 16 inches, depth 105 feet.
 Highest water level 74.83 below lsd, Apr. 29, 1953; lowest 79.37 below lsd, Dec. 31, 1954.
 Records available: 1945-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	77.51	76.83	77.39	77.84	77.88	78.13	77.94	77.87	78.20	78.48	78.75	78.86
2	77.66	76.82	77.18	77.55	77.78	78.26	77.92	77.83	78.12	78.44	79.00	78.82
3	77.24	76.77	77.76	77.57	78.04	78.02	77.97	78.00	78.08	78.42	78.59	78.73
4	77.59	76.87	77.50	77.55	77.93	78.07	78.00	78.04	78.15	78.47	78.59	78.76
5	77.33	77.10	77.16	77.58	77.76	77.94	77.88	77.97	78.19	78.51	78.87	78.76
6	77.31	77.11	77.28	77.53	77.66	77.86	77.91	77.92	78.13	78.54	78.64	79.33
7	77.45	77.39	77.20	77.54	77.71	77.86	77.91	77.97	78.07	78.65	78.74	78.92
8	77.61	77.02	77.18	77.82	77.96	77.86	77.97	77.99	78.10	78.54	78.85	78.73
9	77.52	76.72	77.15	77.65	77.92	77.88	78.00	78.09	77.88	78.44	78.80	79.15
10	77.47	76.77	77.05	77.62	77.88	77.87	77.99	77.90	78.13	78.36	78.86	79.10
11	77.20	77.37	77.19	77.72	77.74	77.89	77.97	77.98	78.28	78.39	78.87	78.89
12	76.87	77.60	77.39	77.78	77.48	77.89	77.97	77.96	78.26	78.52	78.73	78.86
13	76.48	77.10	77.71	77.53	77.73	77.93	77.96	77.93	78.18	78.66	78.59	79.09
14	76.28	77.01	77.85	77.34	77.91	77.89	77.99	77.93	78.19	78.58	78.67	78.89
15	76.17	77.08	77.83	77.36	77.94	77.90	77.97	77.97	78.12	78.72	78.64	79.13
16	76.79	77.28	77.63	77.57	77.88	77.90	77.96	78.06	78.13	78.71	78.76	78.91
17	76.78	77.37	77.25	77.65	77.79	77.97	77.96	78.05	78.15	78.69	78.87	79.08
18	76.46	77.12	77.03	77.51	77.85	77.97	77.95	77.97	78.19	78.68	78.78	79.23
19	76.41	76.82	77.06	77.63	77.79	77.96	77.99	78.04	78.20	78.71	78.83	79.15
20	76.42	77.24	77.57	77.71	78.00	77.95	77.95	77.96	78.19	78.59	78.91	78.96
21	76.75	77.47	77.69	77.59	77.94	77.91	77.93	78.03	78.37	78.54	78.77	78.96
22	76.79	77.34	77.40	77.61	77.86	78.00	77.96	78.07	78.41	78.64	78.93	79.00
23	76.50	77.16	77.41	77.67	77.87	77.98	77.97	77.96	78.34	78.72	78.82	79.11
24	76.43	77.17	77.45	77.71	77.84	77.98	77.95	78.05	78.31	78.66	78.87	79.24
25	76.55	76.93	77.58	77.68	77.82	77.97	77.95	78.18	78.30	78.62	78.86	79.07
26	76.58	77.14	77.69	77.63	77.80	77.95	77.95	78.12	78.27	78.61	78.77	78.98
27	76.98	77.03	77.61	77.60	77.78	78.00	77.93	77.96	78.27	78.70	78.82	78.79
28	76.91	77.63	77.47	77.51	77.76	77.97	77.93	77.91	78.31	78.59	78.67	78.64
29	76.73		77.35	77.72	77.92	77.98	77.94	78.00	78.46	78.71	79.36	78.99
30	76.89		77.54	77.78	77.95	77.95	78.00	77.96	78.55	78.79	78.97	78.94
31	76.91		77.73		78.04		77.97	78.12		78.84		79.27

Natchitoches Parish

Na-54. S. Rhodes. SW $\frac{1}{4}$ irregular sec. 105, T. 9 N. R. 7 W. Drilled domestic artesian well in sand of Wilcox formation, diameter 4 inches, depth 434 feet, screen 421-430. Highest water level 21.7 above lsd, Sept. 29, 1943; lowest 6.15 above lsd, Dec. 5, 1952. Records available: 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12	+10.75	May 21	+9.55	Aug. 5	+9.35	Nov. 19	+9.25
Apr. 16	+9.45	June 18	+9.00	Sept. 8	+9.05	Dec. 17	+8.80

Na-58. H. J. Taylor. NE $\frac{1}{4}$ sec. 10, T. 8 N., R. 7 W. Drilled domestic artesian well in sand of Wilcox formation, diameter 6 inches, depth 810 feet, screen 490-538. Highest water level 38.5 above lsd, Jan. 4, 1944; lowest 9.55 above lsd, Aug. 5, 1954. Records available: 1944-54. Mar. 12, +23.05; Apr. 16, +23.35; May 21, +14.35; June 18, +14.55; Aug. 5, +9.55. Measurement discontinued.

Orleans Parish

Or-11. Gardeners & Shippers Ice Co. 734 Forstall St., New Orleans. Drilled industrial artesian well in sand of Pleistocene age, diameter 6 inches, depth 800 feet. Highest water level 65.77 below lsd, Apr. 22, 1951; lowest 98.20 below lsd, Oct. 22, 1953. Records available: 1950-54.

Jan. 8	87.24	May 13	88.72	Aug. 13	98.06	Oct. 29	97.62
Feb. 26	86.33	June 10	93.47	Sept. 30	98.16	Dec. 2	88.58
Apr. 8	86.86						

Or-22. L. M. Pfisterer. Drilled domestic artesian well in sand of Quaternary age, diameter 2 inches, depth 606 feet. Highest water level 5.24 below lsd, Sept. 17, 1953; lowest 7.43 below lsd, Dec. 2, 1954. Records available: 1953-54.

Jan. 7	6.49	May 13	6.24	Aug. 12	6.90	Oct. 28	6.91
Feb. 26	6.82	June 10	6.80	Sept. 30	6.67	Dec. 2	7.43
Apr. 7	6.37						

Or-41. New Orleans Butchers Cooperative Abattoir Inc. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 900 feet. Highest water level 85.45 below lsd, Dec. 11, 1952; lowest 100.79 below lsd, Sept. 30, 1954. Records available: 1951-54.

Jan. 8	88.58	Apr. 8	87.08	June 10	92.96	Oct. 29	97.77
Feb. 26	88.53	May 13	89.37	Sept. 30	100.79	Dec. 2	92.73

Or-42. Department of the Navy. Algiers Repair Base. Drilled unused artesian well, diameter 8 inches, depth 800 feet. Highest water level 71.07 below lsd, Mar. 10, 1950; lowest 103.84 below lsd, Oct. 16, 1953. Records available: 1949-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	88.47	87.68	90.05	92.44	93.88	100.25	100.80	.....	102.45	100.26	91.88
2	.....	88.66	86.93	89.87	91.82	94.98	100.60	100.11	.....	.....	99.84	91.80
3	.....	89.19	87.18	88.88	91.04	95.95	100.92	100.37	.....	.....	99.84	92.02
4	.....	89.75	87.65	88.05	91.22	96.93	100.92	101.00	.....	.....	99.70	91.59
5	.....	89.90	87.89	88.39	91.49	97.53	100.92	101.48	.....	.....	100.05	90.85
6	.....	89.63	87.66	89.00	91.91	97.20	100.92	101.74	.....	.....	100.03	90.52
7	.....	88.81	86.40	.....	92.37	96.54	100.92	101.73	.....	.....	99.32	90.71
8	90.45	88.09	86.60	89.63	92.62	97.06	99.64	101.00	.....	.....	98.44	91.20
9	90.52	88.13	87.50	90.10	92.02	97.84	100.18	100.35	.....	.....	98.55	91.63
10	89.78	88.61	87.56	90.34	91.19	98.30	100.43	100.57	.....	.....	98.97	91.91
11	89.32	89.04	88.27	89.72	91.48	98.80	99.72	101.00	.....	.....	99.42	91.70
12	89.51	89.54	88.71	88.88	91.95	98.98	99.00	101.39	.....	.....	99.65	90.95
13	89.87	89.34	88.52	89.19	92.27	98.45	99.34	101.80	.....	.....	99.62	90.15
14	90.07	88.38	87.91	89.63	92.59	97.75	99.87	.....	.....	.....	99.19	90.17
15	90.54	87.60	88.10	90.36	92.56	98.12	100.40	.....	.....	.....	98.36	90.70
16	90.74	87.79	88.28	91.00	91.89	98.80	101.00	.....	.....	.....	97.86	91.01
17	90.10	88.23	88.20	90.92	91.27	99.40	100.25	.....	.....	.....	97.47	91.28
18	89.33	88.51	88.43	90.18	91.62	99.70	101.40	.....	.....	.....	97.27	91.18
19	89.46	89.05	88.50	89.50	92.25	99.75	102.15	.....	.....	.....	97.18	90.52
20	89.90	89.10	87.89	90.12	92.67	99.10	101.92	.....	.....	.....	96.65	89.83
21	90.52	88.36	87.18	90.86	92.80	98.25	101.30	.....	.....	.....	95.58	89.88
22	90.99	87.65	87.32	91.59	92.84	98.46	100.78	.....	.....	.....	94.38	90.31
23	90.59	87.75	87.94	92.07	92.39	99.04	100.48	.....	.....	.....	94.32	90.84
24	89.65	88.35	88.64	92.25	91.52	99.51	100.31	.....	.....	.....	94.56	90.84
25	88.85	88.77	89.21	91.65	91.67	100.00	101.25	.....	.....	.....	94.51	89.17

Or-42--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	88.95	89.13	89.30	90.86	91.84	100.25	102.21	.....	.....	.....	93.55	88.48
27	89.45	88.60	88.70	91.14	92.16	99.78	102.09	.....	.....	.....	92.98	87.42
28	90.02	87.85	87.71	91.56	92.65	99.01	102.66	.....	.....	.....	92.25	87.43
29	90.20	.....	89.97	91.97	93.10	99.22	100.82	.....	.....	102.05	91.67	88.45
30	89.95	.....	87.76	92.28	92.67	99.67	101.32	.....	102.13	102.15	91.67	89.15
31	89.20	.....	89.67	.....	92.64	.....	101.43	.....	.....	101.42	.....	89.14

h Tape measurement.

Ouachita Parish

Ou-23. Southern Carbon Co. Sec. 37, T. 19 N., R. 4 E. Drilled industrial artesian well in Sparta sand, diameter 6 inches, depth 726 feet, screen 704-726. Highest water level 77.94 below lsd, Feb. 13, 1946; lowest 104.61 below lsd, Dec. 28, 1954. Records available: 1946, 1949-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	101.28	May 18	100.97	Aug. 3	102.79	Nov. 17	104.49
Mar. 9	101.14	June 15	101.81	Sept. 2	103.47	Dec. 28	104.61
Apr. 13	101.44						

Ou-26. Fred Fudickar. S $\frac{1}{2}$ sec. 81, T. 18 N., R. 4 E. Drilled domestic artesian well in Sparta sand, diameter 4 inches, depth 625 feet, screen 605-625. Highest water level 68.05 below lsd, Jan. 17, 1946; lowest 97.62 below lsd, Sept. 1, 1954. Records available: 1946-54.

Jan. 27	91.85	Apr. 12	92.87	Aug. 3	96.30	Nov. 17	96.24
Mar. 9	91.62	May 18	91.85	Sept. 1	97.62	Dec. 28	95.48

Ou-73. Tennessee Gas & Transmission Co. well 1. Drilled industrial artesian well in Sparta sand, diameter 6 inches, depth 400 feet. Highest water level 154.38 below lsd, Feb. 19, 1946; lowest 189.30 below lsd, Feb. 28, 1951. Records available: 1946-51. Measurement discontinued.

Ou-77. Brown Paper Co. Sec. 3, T. 17 N., R. 3 E. Drilled unused artesian well in Sparta sand, diameter 26 to 16 inches, depth 851 feet. Highest water level 168.82 below lsd, July 7, 1952; lowest 268.52 below lsd, Feb. 24, 1954. Records available: 1946-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	193.23	220.55	.....	225.73	.....	227.85	231.85	.....	232.94	231.10	232.60	228.35
2	186.45	220.69	.....	220.00	.....	228.40	232.05	.....	232.97	233.18	231.00	231.50
3	180.80	220.37	.....	221.80	.....	228.75	.....	.....	231.95	233.29	230.44	230.58
4	180.11	224.07	.....	220.48	.....	229.22	.....	224.17	233.26	232.40	230.35	230.33
5	221.65	.....	223.37	.....	229.58	.....	229.40	233.25	232.26	230.23	229.74
6	221.12	.....	224.54	.....	227.02	.....	229.64	207.78	232.76	229.97	231.78
7	221.15	.....	220.40	.....	226.10	.....	230.14	197.13	233.32	229.77	231.50
8	221.25	.....	221.68	.....	229.13	.....	229.80	219.27	232.62	229.69	231.74
9	225.93	.....	221.63	.....	229.52	.....	228.52	219.60	231.72	229.66	230.48
10	225.27	220.75	221.80	.....	228.07	.....	225.86	226.86	230.98	230.29	232.75
11	221.62	223.70	221.83	.....	228.41	.....	230.54	228.06	232.68	232.61	232.63
12	221.75	222.11	223.45	.....	227.92	.....	231.40	228.14	231.46	231.71	230.75
13	227.70	221.66	223.05	.....	229.23	.....	230.12	229.97	230.10	230.82	231.84
14	228.39	221.83	219.70	.....	227.54	.....	231.95	229.58	230.66	230.72	231.48
15	228.78	222.02	219.98	.....	228.20	.....	229.90	230.75	233.00	230.05	232.28
16	228.08	220.53	221.49	.....	228.45	.....	232.08	231.58	227.13	230.17	230.33
17	229.40	219.58	225.43	.....	228.15	.....	230.59	231.84	230.58	229.64	230.38
18	226.40	209.80	232.68	219.13	228.22	.....	231.64	232.71	230.45	226.35	230.80
19	227.04	222.90	227.98	224.53	227.62	.....	230.88	230.38	231.29	225.15	230.17
20	228.07	206.10	227.08	224.25	229.62	.....	232.17	231.66	230.44	225.78	231.45
21	233.60	201.80	227.24	221.60	213.32	.....	230.75	231.84	228.62	231.20	230.76
22	255.55	217.15	228.17	225.06	229.40	.....	231.74	231.98	230.07	231.02	231.22
23	265.55	219.84	227.00	224.76	229.75	.....	232.11	232.07	230.00	229.70	231.64
24	268.52	220.35	222.35	224.82	230.59	.....	231.95	230.66	229.95	217.50	204.00
25	220.53	.....	225.35	230.94	.....	231.28	232.04	228.55	230.85	208.00

Ou-77--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	h224.10	.....	220.86	.....	225.33	231.32	.....	232.43	229.79	229.36	229.67	210.00
27	.....	.....	220.95	.....	219.98	229.46	.....	230.37	229.75	229.33	230.50	214.00
28	219.48	.....	221.07	.....	224.35	228.70	.....	230.43	231.00	230.16	230.83	216.44
29	220.40	.....	219.48	.....	224.67	231.45	.....	231.97	229.11	231.26	230.13	199.10
30	219.60	.....	219.55	.....	224.85	231.45	.....	231.52	232.07	231.74	231.09	199.43
31	219.27	.....	220.95	.....	225.13	.....	.....	231.39	.....	231.94	.....	214.75

e Estimated.

h Tape measurement.

Ou-87. Louisville Cooperage. Jackson St., Monroe. Drilled industrial artesian well in Sparta sand, diameter 4 inches, depth 510 feet, screen 470-510. Highest water level 101.00 below lsd, Dec. 22, 1948; lowest 144.98 below lsd, Sept. 1, 1954. Records available: 1946-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	139.86	May 17	138.02	Aug. 2	142.68	Nov. 16	144.70
Mar. 8	139.66	June 14	140.44	Sept. 1	144.98	Dec. 27	141.68
Apr. 12	140.11						

Ou-88. Fred Peters. Irregular sec. 52, T. 17 N., R. 3 E. Drilled unused artesian well in Sparta sand, diameter 6 to 4 inches, depth 401 feet. Highest water level 47.43 below lsd, Mar. 29, 1948; lowest 70.10 below lsd, Sept. 1, 1954. Records available: 1947-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	65.78	May 17	65.31	Aug. 2	68.99	Nov. 16	69.70
Mar. 8	66.70	June 14	68.42	Sept. 1	70.10	Dec. 27	70.09
Apr. 12	66.87						

Ou-94. Angels Tourist Court. S $\frac{1}{2}$ irregular sec. 38, T. 18 N., R. 4 E. Drilled unused artesian well in Sparta sand, diameter 4 inches, depth 890 feet. Highest water level 74.42 below lsd, Apr. 11, 1946; lowest 105.68 below lsd, Nov. 17, 1954. Records available: 1946-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	100.91	May 18	101.01	Aug. 3	104.37	Nov. 17	105.68
Mar. 9	100.68	June 16	101.24	Sept. 1	105.60	Dec. 28	105.01
Apr. 12	101.42						

Ou-96. United States Air Force. Selman Field No. 2, Monroe. Drilled public-supply artesian well in Sparta sand, diameter 12 inches, depth 364 feet, screen 280-364. Highest water level 65.04 below lsd, Mar. 5, 1946; lowest 113.91 below lsd, Sept. 1, 1954. Records available: 1946, 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	95.47	May 18	96.32	Aug. 3	101.95	Nov. 17	99.96
Mar. 9	95.56	June 16	99.64	Sept. 1	113.91	Dec. 28	99.24
Apr. 12	96.69						

Ou-100. City of Monroe. NE $\frac{1}{4}$ sec. 67, T. 18 N., R. 4 E. Drilled unused artesian well in Sparta sand, diameter 3 inches, depth 695 feet, screen 675-695. Highest water level 89.40 below lsd, June 8, 1946; lowest 121.78 below lsd, Nov. 3, 1954. Records available: 1946-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	e118.00	116.93	.....	117.42	117.65	117.04	118.55	119.70	.....	121.28	121.60	121.70
2	e118.00	116.90	.....	117.40	117.00	117.04	118.60	119.69	120.75	121.30	121.71	121.70
3	e118.00	116.85	.....	117.40	117.48	117.18	118.65	119.69	120.75	121.30	121.78	121.69
4	e118.00	116.85	.....	117.39	.....	117.33	118.68	119.69	120.82	121.34	121.60	121.66
5	e118.00	116.89	.....	117.40	.....	117.40	118.70	119.70	120.88	121.37	121.70	121.56
6	e118.00	116.89	.....	117.40	.....	117.48	.....	119.70	120.93	121.41	121.68	121.73
7	e118.00	117.00	.....	117.40	.....	117.59	.....	119.70	120.95	121.51	121.65	121.74
8	e118.00	117.02	.....	117.47	.....	117.69	.....	119.72	120.96	121.54	121.67	121.65
9	e118.00	117.00h	119.04	117.47	.....	117.72	.....	119.76	120.95	121.53	121.68	121.70
10	e117.5	116.99	117.15	117.47	.....	117.78	.....	119.84	120.93	121.50	121.69	121.75
11	e117.5	117.03	117.13	117.50	.....	117.79	.....	119.85	120.94	121.49	121.73	121.75
12	e117.5	.....	117.13	117.52	.....	117.82	.....	119.88	120.94	121.46	121.75	121.64
13	e117.5	.....	117.22	117.52	.....	117.84	.....	119.89	120.92	121.45	121.71	121.69
14	e117.5	.....	117.38	117.45	.....	117.85	.....	.....	120.93	121.45	121.67	121.69
15	e117.5	.....	117.49	117.43	.....	117.87	.....	.....	120.93	121.55	121.58	121.68
16	e117.5	.....	117.54	117.41	.....	117.90	.....	.....	120.94	121.55	121.57	121.67
17	e117.5	.....	117.53	117.47	.....	117.93	.....	.....	120.95	121.60	121.57	121.65
18	e117.5	.....	117.40	117.47	116.67	117.99	.....	.....	120.98	121.63	121.57	121.65
19	e117.5	.....	117.25	117.48	116.65	118.0	.....	.....	121.03	121.67	121.57	121.71
20	e117.00	.....	117.32	117.54	116.69	118.02	119.10	.....	121.05	121.67	121.59	121.73

Ou-100--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	e117.00	.....	117.40	117.54	116.71	118.04	119.12	.....	121.13	121.65	121.58	121.71
22	e117.00	.....	117.38	117.54	116.71	118.10	119.21	.....	121.20	121.64	121.59	121.68
23	e117.00	.....	117.32	117.56	116.74	118.15	119.30	.....	121.21	121.65	121.62	121.69
24	e117.00	.....	117.30	117.63	116.77	118.19	119.35	.....	121.23	121.65	121.60	121.72
25	116.88	.....	117.28	117.66	116.81	118.23	119.40	.....	121.24	121.65	121.62	121.75
26	116.86	.....	117.32	117.68	116.85	118.29	119.46	.....	121.23	121.60	121.62	121.73
27	116.92	.....	117.28	117.68	116.82	118.33	119.50	.....	121.22	121.60	121.57	121.68
28	116.94	.....	117.28	117.65	116.80	118.36	119.55	.....	121.21	121.60	121.41	121.43
29	116.94	.....	117.25	117.68	116.90	118.44	119.57	.....	121.22	121.58	121.67	.....
30	116.90	.....	117.24	117.70	116.99	118.48	119.65	.....	121.25	121.58	121.70	.....
31	116.94	.....	117.30	.....	117.02	.....	119.68	.....	.....	121.59	.....	.....

e Estimated.

h Tape measurement.

Ou-102. City of Monroe. NW. cor. sec. 6, T. 18 N., R. 4 E. Drilled observation well in Sparta sand, diameter 3 inches, depth 750 feet, screen 730-750. Highest water level 78.90 below lsd, July 30, 1946; lowest 105.12 below lsd, Nov. 17, 1953. Records available: 1946-53. Measurement discontinued.

Ou-120. S. H. Thatcher. 501 Speed Drive, Monroe. SE. cor. sec. 39, T. 19 N., R. 3 E. Drilled domestic artesian well in Sparta sand, diameter 4 inches, depth 650 feet. Highest water level 72.29 below lsd, June 29, 1949; lowest 104.89 below lsd, Dec. 28, 1954. Records available: 1946-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	101.71	Apr. 13	101.86	Aug. 3	102.96	Nov. 17	104.69
Mar. 9	101.59	May 18	101.36	Sept. 2	103.66	Dec. 28	104.89

Ou-151. U. S. Corps of Engineers. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 18 N., R. 5 E. Drilled observation artesian well in sand of Pleistocene age, diameter 3 inches, depth 68 feet, screen 58-68. Records available: 1954. July 23, 18.98; July 30, 19.78.

Pointe Coupee Parish

PC-45. Paul Jarreau. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 6 S., R. 10 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 1,419 feet, screen 1,398-1,418. Highest water level 54.98 above lsd, Nov. 3, 1954; lowest 53.14 above lsd, Oct. 4, 1954. Records available: 1954. Oct. 4, +53.14; Nov. 3, +54.98; Dec. 8, +54.28. Measurement discontinued.

Rapides Parish

R-21. City of Alexandria. Fourth and St. James Sts. Drilled unused artesian well in sand of Catahoula formation, diameter 6 inches, depth 606 feet. Land-surface datum is 75.75 feet above msl. Highest water level 65.55 below lsd, Feb. 2, 1940; lowest 168.81 below lsd, Aug. 24, 1943. Records available: 1938-54.

Jan. 25	79.08	May 17	70.57	Aug. 2	71.18	Nov. 15	68.44
Mar. 8	76.02	June 14	69.74	Sept. 1	70.42	Dec. 27	67.48
Apr. 12	74.13						

R-26. Missouri Pacific RR. North 13th St., Alexandria. T. 4 N., R. 1 W. Drilled unused artesian well in sand of Catahoula formation, diameter 10 inches, depth 1,100 feet. Highest water level 88.80 below lsd, Mar. 10, 1939; lowest 165.94 below lsd, Sept. 21, 1944. Records available: 1938-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	105.97	103.91	104.19	103.23	103.52	100.67	109.70	110.68	121.89	108.70	101.83	98.01
2	105.82	103.78	104.11	103.10	103.39	100.65	111.92	110.00	122.12	108.52	101.58	97.99
3	105.68	103.70	104.08	103.08	103.01	100.70	113.52	109.51	122.38	108.28	101.43	97.96
4	105.33	103.68	103.99	103.13	102.75	100.79	114.73	.....	122.58	108.04	101.27	97.90
5	105.27	103.69	103.89	103.15	102.65	100.87	115.54	108.98	122.81	107.78	101.16	97.80
6	105.22	103.70	103.74	103.19	102.60	100.85	116.00	108.79	122.94	107.64	100.94	97.74
7	105.14	103.75	103.71	103.29	102.50	100.79	116.68	108.63	123.04	107.55	100.78	97.58
8	105.09	103.70	103.65	103.43	102.51	100.79	117.30	108.49	123.10	107.43	100.63	97.42
9	104.99	103.65	103.60	103.48	102.45	100.87	117.65	108.30	123.15	107.25	100.48	97.37
10	104.93	103.64	103.55	103.49	102.23	100.91	118.10	108.11	123.18	107.13	100.43	97.32

R-26--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	104.89	103.64	103.52	103.46	101.95	101.06	118.43	108.00	120.18	106.92	100.42	97.22
12	104.88	103.70	103.56	103.37	101.75	101.19	118.65	107.98	117.62	106.65	100.38	97.03
13	104.83	103.68	103.65	103.20	101.70	101.30	118.75	107.98	116.00	106.31	100.33	96.88
14	104.81	103.69	103.72	103.12	101.59	101.35	118.95	108.00	114.89	106.03	100.24	96.70
15	104.86	103.74	103.65	103.10	101.35	101.40	119.23	108.00	114.08	105.77	100.04	96.61
16	104.90	103.84	103.65	103.00	101.11	101.37	119.50	108.00	113.48	105.58	99.85	96.54
17	104.82	103.97	103.64	102.99	100.84	101.35	119.68	107.95	113.00	105.33	99.69	96.54
18	104.76	103.96	103.59	102.95	100.85	101.38	119.80	111.20	112.54	105.04	99.60	96.45
19	104.77	103.87	103.63	102.92	100.78	101.40	119.75	114.21	112.11	104.75	99.53	96.35
20	104.72	103.88	103.79	102.92	100.75	101.36	119.80	116.15	112.42	104.60	99.48	96.27
21	104.80	103.88	103.93	102.99	100.75	101.35	119.85	117.40	112.10	104.50	99.42	96.16
22	.....	103.86	103.94	103.10	100.75	101.40	119.90	118.42	111.81	103.66	99.31	96.06
23	104.79	103.85	103.90	103.25	100.72	101.49	120.02	119.02	111.38	103.53	99.14	95.95
24	104.73	103.90	103.86	103.40	100.60	101.90	120.19	119.47	110.98	103.38	99.00	95.87
25	104.65	103.91	103.82	103.46	100.45	101.94	120.32	119.86	110.64	103.15	98.86	95.75
26	104.58	103.94	103.80	103.45	100.36	102.13	120.23	120.06	110.26	102.93	98.64	95.61
27	104.50	104.01	103.68	103.43	100.30	102.25	116.75	120.25	109.86	102.79	98.64	95.38
28	104.41	104.19	103.57	103.47	100.35	102.44	114.55	120.74	109.45	102.62	98.44	95.03
29	104.32		103.46	103.59	100.50	102.57	113.18	121.02	109.17	102.41	98.21	94.72
30	104.28		103.25	103.68	100.64	106.13	112.24	121.41	108.91	102.27	98.05	94.61
31	104.13		103.23		100.68		111.43	121.58		102.10		94.54

R-35. Pine Products Co. Alexandria. Drilled industrial artesian well in sand of Catahoula formation, diameter 6 inches, depth 1,187 feet, screen 1,147-1,187. Land-surface datum is 77.51 feet above msl. Highest water level 91.20 below lsd, Mar. 10, 1939; lowest 163.29 below lsd, Sept. 8, 1944. Records available: 1938-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	105.86	May 17	100.02	Aug. 2	113.28	Nov. 15	102.28
Mar. 8	100.71	June 14	105.18	Sept. 1	119.99	Dec. 27	92.74
Apr. 12	101.41						

R-132. Boyce Ice Co. Boyce. Sec. 1, T. 5 N., R. 3 W. Drilled unused artesian well in sand of Catahoula formation, diameter 8 inches, depth 302 feet. Highest water level 19.48 below lsd, Mar. 2, 1950; lowest 48.31 below lsd, Aug. 31, 1951. Records available: 1950-54. Mar. 12, 45.95; Apr. 16, 46.33; May 21, 46.02. Measurement discontinued.

R-135. Arbuthnot Sawmill. Zimmerman. Drilled domestic artesian well in sand of Catahoula formation, diameter 4 to 2 inches, depth 450 feet. Highest water level 5.52 below lsd, Feb. 26, 1948; lowest 40.13 below lsd, Oct. 26, 1951. Records available: 1938-44, 1947-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12	33.97	May 21	31.95	Aug. 5	35.23	Nov. 19	36.02
Apr. 16	33.54	June 18	34.18	Sept. 8	36.16	Dec. 17	37.66

R-255. Missouri Pacific RR. Sec. 16, T. 1 S., R. 2 W. Drilled railroad artesian well in sand of Pleistocene age, diameter 6 inches, depth 122 feet. Highest water level 31.83 below lsd, Sept. 24, 1953; lowest 33.07 below lsd, Sept. 13, 1954. Records available: 1953-54. Sept. 24, 1953, 31.83; Mar. 16, 1954, 32.25; Sept. 13, 33.07.

R-453. City of Alexandria. Turegaeno and Overton Sts. Drilled public-supply artesian well in sand of Recent age, diameter 6 inches, depth 114 feet. Highest water level 1.56 above lsd, Feb. 24, 1950; lowest 17.66 below lsd, June 16, 1952. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	8.78	May 17	6.47	Aug. 2	12.07	Nov. 15	14.21
Mar. 8	11.13	June 14	9.15	Sept. 1	14.47	Dec. 27	14.96
Apr. 12	12.52						

R-567. A. J. Ashmore. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15, T. 1 S., R. 3 W. Drilled water-table well in sand of Pleistocene age, diameter 8 inches, depth 25 feet. Highest water level 1.06 below lsd, May 18, 1953; lowest 13.22 below lsd, Dec. 30, 1954. Records available: 1953-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.41	8.47	8.85	8.96	....	6.45	9.03	10.55	.....	11.99	12.62	13.03
2	10.34	8.42	8.86	8.93	....	6.53	....	10.58	.....	12.00	12.63	13.03
3	10.30	8.37	8.93	8.92	4.95	6.67	....	.....	.....	12.00	12.63	.....
4	10.24	8.35	8.98	8.91	4.41	6.84	....	.....	.....	12.01	12.63	.....
5	10.21	8.36	....	8.91	4.21	6.94	....	.....	.....	12.01	12.64	.....

R-567--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	10.16	8.35	....	8.92	4.17	7.02	....	....	....	12.02	12.64	....
7	10.12	8.39	....	8.94	4.28	7.13	....	....	....	12.02	12.64	....
8	10.07	8.41	....	....	4.49	7.23	....	....	....	12.03	12.65	....
9	10.01	8.37	....	8.98	4.67	7.32	....	....	....	12.03	12.65	....
10	9.93	8.36	....	9.00	4.85	7.43	....	....	....	12.04	12.66	....
11	9.80	8.37	....	9.04	5.00	7.51	....	....	....	12.04	12.66	....
12	9.71	8.49	....	9.07	....	....	....	....	....	12.05	12.66	....
13	9.60	8.51	....	9.10	....	....	....	h11.88	....	12.05	12.67	....
14	9.50	8.50	....	9.12	....	....	....	11.88	....	12.06	12.67	....
15	9.42	8.50	....	9.12	....	....	....	11.89	....	12.07	12.67	....
16	9.38	....	....	8.59	....	....	....	11.90	....	....	12.67	....
17	9.32	....	....	8.40	5.18	....	....	11.91	....	....	12.68	....
18	9.24	....	9.19	8.25	5.34	....	....	11.91	12.59	12.68	....	....
19	....	....	9.16	8.18	5.49	....	....	11.91	12.59	12.68	....	....
20	....	....	9.20	8.15	5.68	....	....	11.92	12.59	....	....	....
21	....	....	9.24	8.11	5.86	....	....	11.93	12.59	....	....	....
22	....	....	9.25	8.10	6.00	....	....	11.93	12.60	....	13.1f	....
23	....	....	9.26	8.10	6.15	h8.53	....	11.33	11.94	12.60	....	13.1f
24	....	....	9.27	8.11	6.30	8.58	....	11.34	11.95	12.60	12.98	13.1f
25	....	8.73	9.28	8.12	6.36	8.65	....	11.37	11.95	12.60	12.99	13.1f
26	8.69	8.73	9.27	8.14	....	8.73	h10.35	11.39	11.96	12.61	12.99	13.1f
27	8.65	8.73	9.27	8.15	....	8.79	10.38	11.42	11.97	12.61	13.00	13.2c
28	8.63	8.80	9.16	8.12	6.01	8.85	10.42	11.45	11.98	12.61	13.00	13.2c
29	8.57	....	9.03	8.16	6.11	8.93	10.44	11.47	11.98	12.62	13.01	13.21
30	8.54	....	8.97	8.20	6.24	8.99	10.49	11.49	11.99	12.62	13.02	13.22
31	8.53	....	8.94	....	6.35	....	10.53	11.51	....	12.62	....	....

h Tape measurement.

R-601. U. S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 1 S., R. 3 W. Drilled observation artesian well in sand of Pleistocene age, diameter 4 inches, depth 100 feet. Highest water level 50.26 below lsd, Feb. 27, 1954; lowest 51.42 below lsd, Nov. 29, 1954. Records available: 1954.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	....	50.76	50.64	50.90	50.68	....	50.81	....	50.96	50.99	51.08	51.2f
2	....	50.61	50.90	50.83	....	50.72	50.83	50.80	50.96	50.98	51.20	51.15
3	....	50.47	50.13	50.80	50.92	50.78	50.79	50.88	50.92	50.97	51.07	....
4	....	50.48	50.90	50.82	....	50.72	50.78	50.90	50.94	50.98	51.10	....
5	....	50.61	50.77	50.75	....	50.71	50.74	50.87	50.96	51.01	51.16	....
6	....	50.55	50.63	50.67	....	50.69	50.75	50.81	50.91	51.02	51.04	....
7	....	50.81	50.56	50.76	....	50.68	50.76	50.80	50.87	51.09	51.09	....
8	....	50.80	50.40	50.82	....	50.68	50.77	50.82	50.89	51.04	51.13	....
9	....	50.51	50.30	50.76	....	50.66	50.78	50.81	50.89	50.96	50.99	....
10	....	50.40	....	50.82	....	50.63	50.78	50.90	50.88	50.90	51.13	....
11	....	50.56	....	50.90	....	50.64	50.82	50.86	50.97	50.90	51.14	....
12	....	51.16	....	50.80	....	50.65	50.82	50.86	50.97	51.00	51.08	....
13	....	51.05	....	50.64	....	50.64	....	50.90	50.96	51.01	51.00	....
14	....	50.88	....	50.57	....	50.61	....	50.91	50.96	51.03	51.01	....
15	....	....	....	50.78	....	50.64	....	50.90	50.91	51.06	51.01	....
16	....	50.65	....	50.85	....	50.71	....	50.86	50.93	....	51.08	....
17	....	50.78	....	50.82	50.74	50.74	....	50.85	50.97	....	51.10	....
18	....	50.31	....	50.78	....	50.69	....	50.86	50.97	51.10	51.10	....
19	....	50.57	....	50.82	....	50.67	....	50.86	50.94	51.06	51.19	....
20	....	50.80	....	50.78	....	50.67	....	50.85	50.91	51.05	....	....
21	....	50.66	....	50.69	....	50.71	....	50.90	51.00	51.02	....	....
22	....	50.58	....	50.65	....	50.71	....	50.90	51.00	51.06	....	51.2f
23	50.80	50.60	....	50.71	....	e50.71	....	50.90	50.98	51.09	....	51.27
24	50.69	50.55	....	50.71	....	50.76	....	50.85	50.98	51.08	51.21	51.2f
25	50.71	50.45	....	50.65	....	50.77	....	50.80	50.97	51.05	51.20	51.27
26	50.74	50.40	50.85	50.61	....	50.77	....	50.83	50.95	51.02	51.15	51.2f
27	50.80	50.26	50.71	50.59	....	50.77	....	50.90	50.91	51.08	51.15	51.1f
28	50.87	50.75	50.58	50.55	h50.59	50.75	....	50.93	50.94	51.00	51.07	51.11
29	50.69	....	50.57	50.66	....	50.76	....	50.87	51.00	51.08	51.42	51.3f
30	50.67	....	50.79	50.69	....	50.78	....	50.83	51.00	51.10	51.30	51.3f
31	50.86	....	51.03	....	....	....	....	50.90	....	51.14	....	51.18

h Tape measurement.

St. Charles Parish

SC-9. Shell Oil Co. N $\frac{1}{2}$ sec. 6, T. 12 S., R. 8 E. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 777 feet. Highest water level 12.40 below lsd, Jan. 19, 1950; lowest 39.98 below lsd, Dec. 15, 1953. Records available: 1950-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	35.85	38.48	38.88	39.05	39.12	h39.29	38.56	38.76	38.49	38.63	39.01
2	.....	35.76	38.35	38.85	38.94	39.13	39.37	38.64	38.91	38.42	38.61	38.96
3	.....	35.69	38.63	38.96	38.71	.....	39.32	38.68	38.98	38.29	38.64	38.92
4	.....	35.61	38.69	38.96	38.80	39.19	39.46	38.90	39.01	38.55	38.41	38.96
5	.....	35.64	36.76	38.94	38.90	39.18	38.00	38.97	39.03	38.45	38.68	38.95
6	.....	35.64	38.10	38.87	38.85	39.29	39.05	38.89	38.92	38.40	38.80	39.00
7	.....	35.66	38.30	38.76	38.92	39.25	37.30	38.13	38.80	38.47	38.70	38.99
8	.....	35.65	38.36	38.91	38.90	39.30	h37.38	38.71	h38.88	38.68	38.60	37.96
9	.....	.....	38.51	38.97	38.82	39.38	38.50	38.77	38.82	38.53	38.65	38.81
10	.....	35.73	h38.52	38.84	38.80	39.48	38.94	38.87	38.94	38.62	38.65	38.94
11	.....	35.80	38.69	39.05	37.79	39.44	38.81	.....	38.78	38.64	h38.65	39.01
12	.....	35.96	38.77	38.92	38.58	39.50	38.85	.....	39.10	38.67	38.76	38.85
13	38.47	35.88	38.65	37.90	38.70	39.51	38.92	.....	39.13	38.50	38.90	38.86
14	38.57	35.88	38.69	38.72	38.76	39.51	39.06	.....	39.14	38.55	38.76	36.72
15	38.54	35.82	38.73	38.80	38.68	39.55	39.12	.....	39.06	38.43	38.67	38.79
16	38.48	35.87	.....	38.88	38.83	39.36	39.21	.....	38.77	38.50	38.55	38.84
17	38.56	35.85	38.98	38.99	37.76	39.43	36.32	.....	38.68	38.69	38.59	38.81
18	37.82	35.81	38.92	39.00	36.72	39.33	35.94	h39.02	38.58	38.77	38.61	38.89
19	38.00	37.85	38.89	39.02	36.48	39.29	35.65	38.98	38.61	38.80	38.65	38.96
20	38.44	38.08	38.94	39.00	37.02	39.26	37.74	39.03	38.68	h36.75	38.75	38.99
21	38.55	38.34	39.03	h38.98	38.38	39.34	38.29	38.88	38.65	37.84	38.81	39.00
22	38.51	38.41	39.09	39.10	38.62	39.44	.....	38.81	38.53	38.51	38.75	38.93
23	38.57	38.49	38.75	39.12	38.71	39.40	.....	38.91	38.56	38.67	38.86	39.00
24	38.66	38.53	38.72	39.12	38.78	39.45	.....	38.92	38.64	38.72	38.90	39.12
25	38.71	37.69	38.71	39.12	38.74	39.41	.....	38.92	38.40	38.78	38.88	39.07
26	.....	38.15	38.83	39.10	h38.87	39.51	.....	38.80	38.24	38.66	38.92	39.08
27	36.46	37.71	38.84	39.02	38.94	39.53	.....	38.78	38.35	38.64	38.85	39.02
28	36.28	38.32	38.72	38.95	38.90	39.46	h38.69	38.85	38.54	38.62	38.85	39.00
29	36.05	.....	38.70	39.14	38.94	39.49	38.70	38.97	38.54	38.51	39.91	37.36
30	35.99	.....	.....	39.08	39.07	.....	38.61	39.05	38.53	38.69	38.70	38.53
31	35.88	.....	38.83	.....	39.08	.....	38.46	38.71	.....	38.64	.....	38.69

h Tape measurement.

St. Landry Parish

SL-10. Cankton Gin Co. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 8 S., R. 3 E. Drilled industrial artesian well in sand of Pleistocene age, diameter 4 to 2 inches, depth 210 feet, screen 190-210. Land-surface datum is 45.94 feet above msl. Highest water level 36.24 below lsd, Jan. 7, 1948; lowest 49.77 below lsd, Sept. 13, 1954. Records available: 1944-54. Mar. 16, 46.97; Sept. 13, 49.77.

SL-26. George Parker. Irregular sec. 71, T. 4 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 6 inches, depth 217 feet. Land-surface datum is 58.09 feet above msl. Highest water level 38.77 below lsd, Apr. 5, 1944; lowest 48.78 below lsd, Sept. 14, 1954. Records available: 1944-54. Mar. 19, 47.84; Sept. 14, 48.78.

SL-40. Dalfrey Bros. Cotton Gin. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 53, T. 7 S., R. 5 E. Drilled industrial artesian well in sand of Pleistocene age, diameter 4 inches, depth 165 feet. Land-surface datum is 29.05 feet above msl. Highest water level 11.53 below lsd, July 9, 1946; lowest 21.17 below lsd, Sept. 16, 1954. Records available: 1944-54. Mar. 15, 18.73; Sept. 16, 21.17.

SL-43. E. C. Simmons. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 6 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 211 feet, screen 121-204. Land-surface datum is 60.71 feet above msl. Highest water level 52.20 below lsd, Apr. 20, 1944; lowest 78.39 below lsd, Sept. 14, 1954. Records available: 1944-54. Mar. 16, 71.87; Sept. 14, 78.39.

SL-48. Sadie Fuselier. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, T. 6 S., R. 1 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 279 feet, screen 218-279. Land-surface datum is 51.24 feet above msl. Highest water level 43.09 below lsd, Apr. 20, 1944; lowest 105.49 below lsd, July 14, 1953. Records available: 1944-54. Feb. 2, 71.66; Mar. 22, 68.69; Apr. 19, 80.72; Sept. 13, 89.82; Oct. 19, 82.62.

SL-74. Albert Huckaby. Irregular sec. 84, T. 6 S., R. 4 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 180 feet, screen 165-180. Land-surface datum is 46.19 feet above msl. Highest water level 33.13 below lsd, Mar. 20, June 26, 1950; lowest 40.32 below lsd, Sept. 13, 1954. Records available: 1949-54. Mar. 15, 38.66; Sept. 13, 40.32.

SL-78. H. E. Lowery. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 3 S., R. 4 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 1 $\frac{1}{4}$ inches, depth 77 feet. Land-surface datum is 46.51 above msl. Records available: 1954. Mar. 15, 12.94; Sept. 14, 19.43.

SL-82. Jimmy M. Miller. Irregular sec. 58, T. 5 S., R. 4 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 22 to 10 inches, depth 282 feet, screen 232-282. Land-surface datum is 74.93 feet above msl. Highest water level 65.04 below lsd, Apr. 29, 1949; lowest 71.71 below lsd, Sept. 14, 1954. Records available: 1949-54. Mar. 15, 70.49; Sept. 14, 71.71.

SL-94. First National Bank of Crowley. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 6 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 300 feet. Land-surface datum is 64.92 feet above msl. Highest water level 58.71 below lsd, Mar. 22, 1950; lowest 66.39 below lsd, Sept. 14, 1954. Records available: 1948-54. Mar. 16, 64.04; Sept. 14, 66.39.

SL-104. Joe A. Fontenot. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 3 S., R. 4 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 230 feet, screen 150-230. Highest water level 4.58 below lsd, Mar. 5, 1951; lowest 14.02 below lsd, Sept. 18, 1951. Records available: 1950-52. Measurement discontinued.

SL-126. L. Darby. W $\frac{1}{2}$ irregular sec. 62, T. 7 S., R. 5 E. Drilled industrial artesian well in sand of Pleistocene age, diameter 4 inches, depth 160 feet. Land-surface datum is 27.32 feet above msl. Highest water level 12.95 below lsd, Mar. 6, 1951; lowest 20.93 below lsd, Sept. 16, 1954. Records available: 1950-54. Mar. 15, 17.68; Sept. 16, 20.93.

SL-127. Pan-Am Production Co. Sec. 4, T. 6 S., R. 5 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 160 feet. Land-surface datum is 18.34 feet above msl. Highest water level 1.86 below lsd, Apr. 28, 1952; lowest 9.87 below lsd, Sept. 13, 1954. Records available: 1950-54. Mar. 15, 3.95; Sept. 13, 9.87.

SL-162. Arthur Ortes. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 6 S., R. 7 E. Drilled industrial artesian well in sand of Pleistocene age, diameter 4 inches, depth 170 feet. Land-surface datum is 26.4 feet above msl. Records available: 1954. Mar. 12, 11.80; Sept. 17, 18.15.

St. Martin Parish

SMn-20. Smedes Bros. Sugar Mill. Cade Station. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 11 S., R. 5 E. Drilled unused artesian well in sand of Pleistocene age, diameter 10 inches, depth 285 feet. Land-surface datum is 30.57 feet above msl. Highest water level 16.57 below lsd, July 9, 1946; lowest 27.58 below lsd, Sept. 16, 1954. Records available: 1944-54. Mar. 15, 23.95; Sept. 16, 27.58.

SMn-51. People's Cotton Oil Co. Sec. 35, T. 8 S., R. 6 E. Drilled industrial artesian well in sand of Pleistocene age, diameter 2 inches, depth 125 feet, screen 90-122. Land-surface datum is 19.57 feet above msl. Highest water level 0.99 below lsd, Mar. 20, 1950; lowest 9.88 below lsd, Nov. 3, 1947. Records available: 1944-54. Mar. 15, 5.73; Sept. 16, 9.06.

SMn-62. Ernest Fuselier. T. 8 S., R. 6 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 85 feet, screen 70-85. Land-surface datum is 27.35 feet above msl. Highest water level 9.98 below lsd, July 9, 1946; lowest 19.97 below lsd, Sept. 16, 1954. Records available: 1944-54. Mar. 15, 16.78; Sept. 16, 19.97.

SMn-63. L. Charles Willis. Irregular sec. 47, T. 8 S., R. 6 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 4 inches, depth 200 feet, screen 180-200. Land-surface datum is 17.43 feet above msl. Highest water level 0.04 above lsd, Mar. 20, 1950; lowest 17.43 below lsd, Sept. 8, 1947. Records available: 1944-54. Mar. 15, 7.16; Sept. 16, 10.70.

SMn-68. A. R. Fuselier. Irregular sec. 7, T. 11 S., R. 7 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 200 feet, screen 170-200. Land-surface datum is 15.37 feet above msl. Highest water level 2.51 below lsd, Aug. 6, 1946; lowest 10.54 below lsd, Sept. 16, 1954. Records available: 1944-54. Mar. 15, 7.24; Sept. 16, 10.54.

SMn-86. Continental Oil Co. Irregular sec. 82, T. 10 S., R. 6 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 300 feet. Land-surface datum is 13.70 feet above msl. Highest water level 0.59 below lsd, Mar. 11, 1947; lowest 9.15 below lsd, Sept. 16, 1954. Records available: 1947-54. Mar. 15, 4.88; Sept. 16, 9.15.

SMn-88. Hunter Oil Co. Irregular sec. 72, T. 9 S., R. 5 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 200 feet. Land-surface datum is 13.75 feet above msl. Highest water level 5.35 below lsd, Mar. 20, 1950; lowest 14.72 below lsd, Sept. 16, 1954. Records available: 1949-54. Mar. 15, 10.06; Sept. 16, 14.72.

St. Tammany Parish

ST-2. Mayer Israel. Covington, NE $\frac{1}{4}$ sec. 7, T. 6 S., R. 11 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 3 inches, depth 1,620 feet, screen 1,503-1,543. Highest water level 88.5 above lsd, Mar. 13, 1943; lowest 74.3 above lsd, Sept. 11, 1950. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	+78.8	May 12	+78.7	Aug. 12	+77.7	Oct. 28	+77.5
Feb. 25	+80.0	June 9	+78.7	Sept. 29	+77.8	Dec. 2	+77.5
Apr. 7	+79.8						

ST-6. Poitevent & Favre Lumber Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 7 S., R. 13 E. Drilled unused artesian well in sand of Pleistocene age, diameter 2 inches, depth 400 feet. Records available: 1939-53. Measurement discontinued.

ST-10. State Fish Hatchery. South well. Lacombe. Sec. 38, T. 8 S. R. 12 E. Drilled public-supply artesian well in sand of Pleistocene age, diameter 6 inches, depth 1,240 feet, screen 1,140-1,240 feet. Highest water level 38.6 above lsd, Sept. 12, 1939; lowest 27.0 above lsd, Sept. 17, 1953, Aug. 12, 1954. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	+27.5	May 12	+28.2	Aug. 12	+27.0	Oct. 28	+28.2
Apr. 7	+27.5	June 9	+27.8	Sept. 29	+27.8	Dec. 2	+27.5

ST-12. Techefunte State Park. Sec. 43, T. 8 S., R. 12 E. Drilled unused artesian well in sand of Pleistocene age, diameter 6 to 4 inches, depth 1,530 feet. Highest water level 54.7 above lsd, July 25, 1940; lowest 31.7 above lsd, Nov. 24, 1951. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	+47.2	May 12	+48.2	Aug. 12	+48.3	Oct. 28	+50.0
Apr. 7	+46.1	June 9	+47.7	Sept. 29	+50.0	Dec. 2	+50.0

ST-16. Bogalusa Tung Co. Sec. 29, T. 5 S., R. 13 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 1,000 feet. Highest water level 38.1 above lsd, July 11, 1946; lowest 22.7 above lsd, Nov. 24, 1951. Records available: 1939-52, 1954.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	+25.0	May 12	+25.0	Aug. 12	+24.8	Oct. 28	+28.5
Feb. 25	+25.0	June 9	+25.2	Sept. 29	+24.2	Dec. 1	+25.0
Apr. 7	+25.3						

ST-51. Leon Gilbert. Sec. 42, T. 7 S., R. 11 E. Drilled domestic well in sand of Pleistocene age, diameter 4 inches, depth 940 feet. Highest water level 96.6 above lsd, July 6, 1951; lowest 80.1 above lsd, Dec. 2, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	+88.0	Apr. 7	+88.5	June 9	+89.6	Oct. 28	+88.7
Feb. 25	+89.2	May 12	+89.9	Aug. 12	+85.7	Dec. 2	+80.1

ST-95. McLane City Club. Sec. 44, T. 9 S., R. 14 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 600 feet. Highest water level 7.3 above lsd, Apr. 4, 1947; lowest 2.9 above lsd, Nov. 24, 1951. Records available: 1947-54. Jan. 7, +4.00; Feb. 26, +3.83. Measurement discontinued.

ST-117. State Department of Highways. SE $\frac{1}{4}$ sec. 37, T. 8 S., R. 14 E. Drilled unused artesian well in sand of Pleistocene age, diameter 2 inches, depth 900 feet. Highest water level 24.4 above lsd, Apr. 4, 1947; lowest 12.8 above lsd, Apr. 18, 1950. Records available: 1947-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	+19.0	Apr. 7	+19.5	Aug. 12	+18.3	Oct. 28	+17.8
Feb. 26	+19.0	June 9	+18.7	Sept. 29	+18.0	Dec. 2	+15.7
Mar. 13	+19.0						

ST-1020. H. D. Howser Estate. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, T. 7 S., R. 14 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 265 feet. Highest water level 19.8 above lsd, Apr. 6, 1944; lowest 10.8 above lsd, Oct. 21, 1953. Records available: 1942, 1944-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	+13.00	May 12	+13.10	Aug. 12	+12.30	Oct. 28	+12.00
Apr. 7	+13.60	June 9	+12.60	Sept. 29	+12.30	Dec. 2	+12.00

ST-1043. A. T. Flot. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 6 S., R. 12 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 $\frac{1}{2}$ inches, depth 648 feet. Highest water level 10.9 above lsd, June 20, 1950; lowest 7.6 above lsd, Nov. 24, 1951. Records available: 1950-54.

Jan. 7	+9.6	May 12	+9.5	Aug. 12	+9.7	Oct. 28	+9.1
Feb. 25	+9.6	June 9	+9.4	Sept. 29	+9.5	Dec. 2	+8.9
Apr. 7	+9.5						

ST-1168. A. T. Flot. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 6 S., R. 12 E. Drilled domestic and public-supply artesian well in sand of Pleistocene age, diameter 2 $\frac{1}{2}$ inches, depth 1,598 feet, screen 1,548-1,598. Highest water level 97.0 above lsd, Mar. 11, 1953; lowest 93.1 above lsd, Oct. 27, 1953. Records available: 1953-54.

Feb. 25	+94.7	May 12	+95.9	Aug. 12	+94.7	Oct. 28	+94.3
Apr. 7	+96.4	June 9	+95.9	Sept. 29	+94.6	Dec. 2	+93.4

Tangipahoa Parish

Ta-7. Town of Ponchatoula. Drilled public-supply artesian well in sand of Pleistocene age, diameter 6 inches, depth 654 feet. Highest water level 10.8 above lsd, Feb. 3, 1942; lowest 4.7 above lsd, Sept. 11, 1950. Records available: 1939-54.

Jan. 5	+8.63	May 11	+8.33	Aug. 10	+7.63	Oct. 26	+6.43
Feb. 24	+9.13	June 8	+6.58	Sept. 28	+7.30	Nov. 30	+7.80
Apr. 6	+8.93						

Ta-17. Carl Blumquist. Center NE $\frac{1}{4}$ sec. 6, T. 6 S., R. 8 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 2 inches, depth 495 feet. Highest water level 5.1 above lsd, Dec. 29, 1947; lowest 0.6 above lsd, Oct. 20, 1953. Records available: 1939-54. Jan. 5, +3.13; Feb. 24, +3.52; Apr. 6, +3.19; May 11, +1.48.

Ta-19. V. Stevens. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 7 S., R. 8 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 2 inches, depth 535 feet, screen 515-535. Highest water level 19.5 above lsd, Mar. 3, 1946, Apr. 12, 1950; lowest 13.4 above lsd, Sept. 2, 1947. Records available: 1939-54.

Jan. 5	+18.42	May 11	+18.60	Aug. 10	+17.4	Oct. 26	+17.3
Feb. 25	+19.22	June 8	+15.2	Sept. 28	+16.42	Nov. 30	+16.9
Apr. 6	+19.00						

Ta-21. Burns Davis. N $\frac{1}{4}$ sec. 54, T. 7 S., R. 7 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 2 inches, depth 343 feet, screen 227-243. Highest water level 8.9 above lsd, Aug. 9, 1939, Sept. 4, 1941; lowest 5.43 above lsd, Sept. 15, 1953. Records available: 1939-54. Jan. 5, +7.71; Feb. 24, +7.86; Apr. 5, +7.72; May 10, +7.16; June 7, +6.02; Aug. 10, +6.76.

Ta-23. Otto Bignor. Sec. 50, T. 7 S., R. 7 E. Drilled unused artesian well in sand of Quaternary age, diameter 2 inches, depth 400 feet. Highest water level 5.0 above lsd, Apr. 7, 1944; lowest 0.52 above lsd, Dec. 16, 1952. Records available: 1939-49, 1952-54. Jan. 5, +3.20; Feb. 24, +3.48; Apr. 5, +3.05; May 10, +2.28; June 7, +0.60; Aug. 10, +0.60.

Ta-24. Clyde Starkey. Center sec. 53, T. 7 S., R. 7 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 2 inches, depth 383 feet, screen 363-383. Highest water level 6.6 above lsd, Apr. 7, 1944; lowest 1.8 above lsd, July 5, 1951. Records available: 1939-54.

Jan. 5	+5.28	May 10	+4.72	Aug. 10	+3.50	Oct. 26	+3.95
Feb. 24	+5.57	June 7	+2.18	Sept. 27	+3.10	Nov. 30	+3.85
Apr. 5	+5.22						

Ta-242. Byron Stevens. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 7 S., R. 8 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 2 inches, depth 405 feet. Highest water level 14.9 above lsd, Apr. 3, 1947; lowest 8.5 above lsd, June 8, 1954. Records available: 1945-54.

Jan. 5	+13.5	May 11	+12.8	Aug. 10	+10.50	Oct. 26	+11.50
Feb. 24	+14.0	June 8	+8.5	Sept. 28	+11.60	Nov. 30	+11.50
Apr. 6	+13.6						

Ta-252. Town of Independence. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 4 S., R. 7 E. Drilled public-supply artesian well in sand of Pleistocene age, diameter 4 inches, depth 2, 170 feet, screen 2, 107-2, 170. Highest water level 87.4 above lsd, July 6, 1951; lowest 73.9 above lsd, Jan. 6, Oct. 27, 1954. Records available: 1951-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	+73.9	May 11	+75.1	Aug. 10	+74.4	Oct. 27	+73.9
Feb. 24	+75.5	June 8	+75.1	Sept. 28	+75.1	Dec. 1	+78.6
Apr. 6	+75.1						

Ta-253. Town of Hammond. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 6 S., R. 7 E. Drilled public-supply artesian well in sand of Pleistocene age, diameter 8 inches, depth 2, 190 feet. Highest water level 106.0 above lsd, Dec. 16, 1952; lowest 94.7 above lsd, Oct. 20, 1953. Records available: 1952-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	+99.3	May 11	+101.2	Aug. 10	+99.3	Oct. 27	+99.3
Feb. 24	+100.5	June 8	+101.6	Sept. 28	+100.00	Dec. 1	+102.9
Apr. 6	+101.2						

Ta-258. Town of Ponchatoula. Drilled public-supply artesian well in sand of Pleistocene age, diameter 8 inches, depth 1, 986 feet. Highest water level 120.7 above lsd, Feb. 24, 1954; lowest 105.8 above lsd, Nov. 30, 1954. Records available: 1952-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	+120.6	May 11	+112.5	Aug. 10	+106.8	Oct. 26	+109.50
Feb. 24	+120.7	June 8	+110.2	Sept. 28	+116.02	Nov. 30	+105.8
Apr. 6	+119.5						

Ta-260. Town of Roseland. N $\frac{1}{2}$ irregular sec. 44, T. 3 S., R. 7 E. Drilled public-supply artesian well in sand of Pleistocene age, diameter 4 inches, depth 2, 013 feet, screen 1,951-2,013. Highest water level 31.35 above lsd, Aug. 11, 1954; lowest 30.75 above lsd, Oct. 27, Dec. 1, 1954. Records available: 1954. Aug. 11, +31.35; Sept. 28, +31.15; Oct. 27, +30.75; Dec. 1, +30.75

Ta-262. Town of Independence. Drilled public-supply artesian well in sand of Pleistocene age, diameter 4 inches, depth 2, 300 feet. Highest water level 78.7 above lsd, Dec. 1, 1954; lowest 75.0 above lsd, Jan. 6, 1954. Records available: 1954.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	+75.0	May 11	+77.3	Aug. 10	+78.6	Oct. 27	+78.6
Apr. 6	+78.6	June 8	+77.3	Sept. 28	+78.6	Dec. 1	+78.7

Vermilion Parish

Ve-8. Dr. A. A. Comeaux. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 12 S., R. 4 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 219 feet, screen 130-214. Records available: 1954. Mar. 16, 19.68; Sept. 15, 30.30.

Ve-22. Maurice Ginning Co. Maurice. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 11 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 300 feet. Land-surface datum is 22.61 feet above msl. Highest water level 14.40 below lsd, Apr. 11, 1944; lowest 27.57 below lsd, Sept. 13, 1954. Records available: 1944-54. Mar. 15, 24.43; Sept. 13, 27.57.

Ve-28. Department of the Army. Vermilion Locks on Intracoastal Canal. Drilled public-supply artesian well in sand of Pleistocene age, diameter 2 inches, depth 260 feet. Land-surface datum is 6.74 feet above msl. Highest water level 1.25 below lsd, Apr. 11, 1944; lowest 8.58 below lsd, Sept. 15, 1954. Records available: 1944-54. Mar. 16, 6.41; Sept. 15, 8.58.

Ve-30. S. Hebert. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 14 S., R. 3 E. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 430 feet, screen 350-430. Land-surface datum is 5.21 feet above msl. Highest water level 1.37 below lsd, Mar. 11, 1947; lowest 8.40 below lsd, Sept. 14, 1954. Records available: 1946-54. Mar. 16, 5.44; Sept. 14, 8.40.

Ve-37. Ulysses Duhon. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 11 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 8 inches, depth 280 feet. Land-surface datum is 26.07 feet above msl. Highest water level 25.47 below lsd, Feb. 6, 1951; lowest 33.50 below lsd, Mar. 15, 1954. Records available: 1951, 1953-54. Mar. 15, 33.50. Measurement discontinued.

Ve-41. C. Forman. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 11 S., R. 2 E. Drilled unused artesian well in sand of Pleistocene age, diameter 18 to 6 inches, depth 250 feet. Land-surface datum is 26.31 feet above msl. Highest water level 17.20 below lsd, Oct. 5, 1944; lowest 40.98 below lsd, July 29, 1953. Records available: 1940-54. Mar. 15, 28.86. Measurement discontinued.

Ve-52. J. F. Simon. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 11 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 6 inches, depth 350 feet, screen 290-350. Highest water level 21.62 below lsd, July 9, 1953; lowest 35.36 below lsd, Sept 16, 1954. Records available: 1953-54. July 9, 1953, 21.62; Sept. 1, 32.90; Sept. 18, 32.63; Oct. 2, 32.40; Mar. 15, 1954, 29.98; Sept. 16, 35.36.

Ve-56. C. Faulk. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 12 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, depth 330 feet, screen 280-330. Highest water level 20.81 below lsd, Mar. 7, 1951; lowest 27.23 below lsd, July 29, 1953. Records available: 1950-51, 1954. Mar. 15, 25.27. Measurement discontinued.

Ve-57. Onezie Vincent. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 32, T. 11 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches. Highest water level 10.32 below lsd, Apr. 6, 1948; lowest 32.58 below lsd, Sept. 9, 1947. Records available: 1947-50, 1953-54. Mar. 17, 30.69. Measurement discontinued.

Ve-75. V. Schriefer. Sec. 13, T. 13 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 8 inches, depth 291 feet. Land-surface datum is 10.70 feet above msl. Highest water level 10.06 below lsd, Feb. 6, 1951; lowest 13.96 below lsd, Sept. 28, 1953. Records available: 1951, 1953-54. Mar. 16, 12.75. Measurement discontinued.

Ve-78. J. F. Noel. Irregular sec. 14, T. 13 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 295 feet. Land-surface datum is 9.85 feet above msl. Highest water level 5.34 below lsd, Mar. 9, 1944; lowest 14.87 below lsd, Sept. 15, 1954. Records available: 1944-54. Mar. 16, 11.44; Sept. 15, 14.87.

Ve-120. Erath Sugar Co. Erath. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 12 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 12 inches, depth 285 feet. Land-surface datum is 9.51 feet above msl. Highest water level 4.67 below lsd, May 6, 1944; lowest 14.55 below lsd, Sept. 15, 1954. Records available: 1944-54. Mar. 16, 11.10; Sept. 15, 14.55.

Ve-124. Dr. G. L. Gardiner. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, T. 12 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 to 10 inches, depth 300 feet. Land-surface datum is 6.42 feet above msl. Highest water level 0.40 below lsd, Feb. 14, 1946; lowest 23.65 below lsd, Sept. 14, 1954. Records available: 1945-54. Mar. 18, 14.84; Sept. 14, 23.65.

Ve-127. Loffland Bros. Sec. 33, T. 11 S., R. 1 W. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 179 feet. Land-surface datum is 5.13 feet above msl. Highest water level 4.3 below lsd, Apr. 13-14, 1947; lowest 25.72 below lsd, Sept. 14, 1954. Records available: 1945-54. Mar. 18, 15.16; Sept. 14, 25.72.

Ve-128. Charles Stancil. NE $\frac{1}{4}$ sec. 33, T. 11 S., R. 1 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 20 to 10 inches, depth 330 feet, screen 230-330. Land-surface datum is 10.41 feet above msl. Highest water level 6.80 below lsd, Apr. 8, 1948; lowest 30.62 below lsd, Sept. 14, 1954. Records available: 1946-54. Mar. 18, 19.81; Sept. 14, 30.62.

Ve-129. J. D. Vondenstein. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 13 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 to 10 inches, depth 320 feet. Land-surface datum is 0.96 foot above msl. Highest water level 6.67 below lsd, Mar. 21, 1950; lowest 19.52 below lsd, Sept. 14, 1954. Records available: 1948-54. Mar. 18, 11.72; Sept. 14, 19.52.

Ve-186. H. Fontenot. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 12 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 150 feet. Land-surface datum is 8.79 feet above msl. Highest water level 6.23 below lsd, Feb. 6, 1951; lowest 12.92 below lsd, June 28, 1951. Records available: 1951-54. Mar. 17, 8.94; Sept. 16, 12.51.

Ve-211. O. Brasseaux. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 14 S., R. 4 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 5 inches, depth 695 feet. Land-surface datum is 3.70 feet above msl. Highest water level 3.19 below lsd, Feb. 7, 1951; lowest 8.45 below lsd, Sept. 16, 1954. Records available: 1951-54. Mar. 16, 5.52; Sept. 16, 8.45.

Ve-218. Alliabiade Butaud. South part of irregular sec. 45, T. 13 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 to 1 $\frac{1}{2}$ inches, depth 500 feet, screen 460-500. Land-surface datum is 9.29 feet above msl. Highest water level 8.71 below lsd, Apr. 30, 1952; lowest 13.87 below lsd, Sept. 16, 1954. Records available: 1950-54. Mar. 16, 10.65; Sept. 16, 13.87.

Ve-219. Frank Gaudchaux. Center sec. 83, T. 14 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 inches, depth 350 feet. Highest water level 3.04 above lsd, Feb. 7, 1951; lowest 8.52 below lsd, Sept. 16, 1954. Records available: 1951-54. Mar. 16, 3.96; Sept. 16, 8.52.

Ve-284. Alphe Broussard. Fork Island. T. 14 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 8 inches, depth 221 feet, screen 167-219. Land-surface datum is 1.10 feet above msl. Highest water level 1.56 below lsd, Mar. 21, 1950; lowest 6.58 below lsd, Sept. 14, 1954. Records available: 1950-51, 1954. Mar. 18, 3.73; Sept. 14, 6.58.

Ve-298. Henry Abadie. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 12 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 22-10 inches, depth 291 feet, screen 175-286. Highest water level 20.85 below lsd, Mar. 15, 1954; lowest 30.77 below lsd, Sept. 13, 1954. Records available: 1953-54. July 28, 1953, 22.41; Sept. 28, 23.43; Mar. 15, 1954, 20.85; Sept. 13, 30.77.

Ve-333. J. Herpin. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35, T. 11 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 to 8 inches, depth 280 feet, screen 220-280. Land-surface datum is 13.89 feet above msl. Highest water level 15.69 below lsd, Mar. 21, 1950; lowest 30.85 below lsd, Sept. 13, 1954. Records available: 1948-54. Mar. 18, 22.63; Sept. 13, 30.85.

Ve-460. Acadia-Vermilion Rice Irrigation Co. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 13 S., R. 2 E. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 300 feet. Land-surface datum is 9.53 feet above msl. Highest water level 8.20 below lsd, Mar. 27-28, 1950; lowest 20.65 below lsd, July 15, 1953. Records available: 1948-54. Feb. 3, 17.08; Mar. 18, 17.59; Sept. 13, 17.93.

Ve-478. Andrew Siersal. Sec. 86, T. 14 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 8 inches, depth 369 feet. Highest water level 7.83 below lsd, Nov. 7, 1951; lowest 10.15 below lsd, Sept. 15, 1954. Records available: 1951, 1953-54. Nov. 7, 1951, 7.83; July 29, 1953, 8.18; Sept. 29, 8.38; Sept. 15, 1954, 10.15.

Ve-479. Roy Lee. Sec. 86, T. 14 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 340 feet. Highest water level 6.90 below lsd, Mar. 16, 1954; lowest 9.05 below lsd, Sept. 14, 1954. Records available: 1953-54. Sept. 29, 1953, 7.48; Mar. 16, 1954, 6.90; Sept. 14, 9.05.

Ve-510. Rice Bowl Sales & Terminal Co. East end of irregular sec. 52, T. 12 S., R. 3 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 6 inches, depth 280 feet. Land-surface datum is 8.86 feet above msl. Highest water level 3.40 below lsd, Mar. 16, 1954; lowest 14.88 below lsd, Sept. 15, 1954. Records available: 1950-54. Mar. 16, 3.40; Sept. 15, 14.88.

Ve-514. The Texas Co. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 13 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 210 feet. Land-surface datum is 6.14 feet above msl. Highest water level 9.8 below lsd, Mar. 9, 1951; lowest 23.70 below lsd, June 19, 1954. Records available: 1950-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	18.05	16.13	16.81	.....	19.40	22.55	22.85	18.94	19.80	20.04	20.01
2	.....	17.91	16.20	16.72	.....	19.52	22.77	22.80	20.23	19.97	20.13	20.05
3	.....	17.84	16.55	16.69	17.60	19.73	22.80	22.69	20.41	19.97	20.13	19.98
4	.....	17.44	16.60	16.64	17.77	22.51	22.85	22.65	20.37	20.04	19.82	19.82
5	.....	17.33	16.41	16.88	17.00	22.72	22.85	22.39	20.33	19.78	20.06	19.87
6	.....	16.30	16.28	17.13	17.10	22.34	22.42	22.43	20.31	19.82	19.95	20.27
7	.....	17.65	16.15	17.12	16.62	22.99	22.92	22.13	20.30	19.82	19.75	20.40
8	18.52	17.87	15.92	17.05	17.15	23.00	22.90	22.04	20.26	19.87	19.98	18.46
9	18.42	17.67	15.75	17.00	17.30	23.00	22.90	21.98	20.01	20.06	19.94	19.37
10	18.34	17.09	15.50	16.86	17.45	23.14	22.88	21.85	20.14	19.79	19.93	19.26
11	18.66	16.10	15.40	17.01	17.49	23.30	22.88	21.85	20.04	19.65	19.92	19.55
12	18.70	16.49	15.38	17.20	17.55	23.47	22.88	21.72	20.29	19.61	19.75	18.70
13	18.65	18.02	15.38	17.20	17.65	23.43	22.90	21.66	20.04	19.40	19.64	19.54
14	18.10	17.91	15.62	17.31	17.67	23.27	23.07	21.76	19.83	19.59	19.57	19.68
15	18.04	17.84	15.74	16.80	17.75	23.47	23.04	21.74	19.80	20.18	19.50	19.46
16	18.08	17.53	15.61	17.35	17.75	23.58	23.12	21.83	19.88	20.30	18.25	19.33
17	18.05	18.20	15.04	17.38	17.60	23.61	23.32	21.84	19.73	20.22	17.90	19.49
18	18.17	17.83	14.29	17.23	17.84	23.67	23.27	21.89	19.90	20.22	17.90	19.54
19	17.83	16.63	14.30	17.18	17.50	23.52	23.19	21.86	19.90	20.22	18.00	19.63
20	17.70	16.58	16.22	17.15	17.63	23.45	23.10	21.84	19.99	20.07	19.04	19.53
21	17.25	16.50	16.38	17.12	18.04	23.37	22.95	21.83	19.93	20.08	18.80	19.47
22	18.10	16.49	16.45	17.10	18.10	23.13	22.92	21.87	19.72	20.03	19.35	.....
23	18.27	16.30	16.30	17.16	18.14	23.10	22.87	.....	19.69	19.98	19.62	19.28
24	18.08	16.50	16.15	17.15	18.13	21.20	22.93	.....	19.80	19.95	19.62	17.58
25	18.17	16.32	16.21	17.15	18.22	21.81	22.93	.....	19.80	19.95	19.65	19.22

Ve-514--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	17.90	16.20	16.42	17.22	18.27	21.81	22.87	20.05	19.73	19.82	19.48	19.22
27	18.03	16.06	16.30	17.35	18.30	21.81	22.86	20.31	19.68	19.72	19.32	18.80
28	18.10	16.35	16.40	17.56	18.50	21.80	22.88	20.46	19.25	19.78	19.23	18.02
29	17.87		16.20	17.63	19.00	21.80	21.98	20.44	18.61	20.10	18.25	18.23
30	18.04		16.60	17.69	19.17	21.80	22.40	20.47	19.80	20.16	19.78	18.15
31	18.01		16.37		19.30		22.73	20.44		20.18		18.05

h Tape measurement.

Ve-517. The Texas Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 13 S., R. 4 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 inches, depth 210 feet. Land-surface datum is 6.36 feet above msl. Highest water level 9.88 below lsd, Feb. 7, 1951; lowest 15.23 below lsd, July 28, 1953. Records available: 1951-54. Mar. 16, 13.47.

Ve-546. C. P. Motty. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 65, T. 12 S., R. 3 E. Drilled observation well in sand of Pleistocene age, diameter 6 inches, depth 250 feet. Highest water level 13.09 below lsd, Mar. 11, 1954; lowest 16.23 below lsd, Aug. 26, 1954. Records available: 1953-54.

Daily noon water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	June	Aug.
1	13.93	13.37	13.21	13.35	.....	15.48	.....
2	13.88	13.33	13.18	13.34	.....	15.50	.....
3	13.89	13.29	13.25	13.36	.....	15.52	.....
4	13.86	13.28	13.26	13.37	.....	15.37	.....
5	13.82	13.29	13.20	13.38	.....	15.34	.....
6	13.82	13.28	13.17	13.40	.....	15.33	.....
7	13.81	13.32	13.16	13.42	.....	15.34	.....
8	13.77	13.33	13.14	13.48	.....	15.48	.....
9	13.74	13.24	13.12	13.47	.....	15.70	.....
10	e13.7	13.22	13.10	13.49	.....	15.77	.....
11	13.75	13.22	13.09	13.53	.....	15.82	.....
12	13.77	13.33	13.11	13.56	.....	15.67	.....
13	13.71	13.29	13.14	13.57	.....	15.62	.....
14	13.63	13.24	13.21	13.59	.....	15.72	.....
15	13.56	13.22	13.23	13.63	.....	15.91	.....
16	13.60	13.22	13.27	13.63	.....	15.92	.....
17	13.62	13.25	13.22	13.70	14.67	15.98	.....
18	13.59	13.21	13.14	13.70	14.96	15.72	.....
19	13.54	13.17	13.12	13.70	14.92	15.66	.....
20	13.50	13.21	13.18	13.75	14.97	15.62	.....
21	13.50	13.24	13.20	13.77	14.89	15.60	.....
22	13.56	13.23	13.20	13.82	14.87	.....	.....
23	13.53	13.19	13.19	13.99	14.88	.....	.....
24	13.48	13.18	13.19	14.21	14.90	.....	.....
25	13.47	13.17	13.20	14.30	15.09	.....	.....
26	13.46	13.15	13.24	14.36	15.27	.....	h16.23
27	e13.46	13.13	13.21	.....	15.32	.....	.....
28	13.46	13.22	13.22	.....	15.37	.....	.....
29	13.41		13.21	.....	15.45	.....	.....
30	13.40		13.24	.....	15.37	.....	.....
31	13.40		13.27		.....		.....

* No record for July, September, October, November, and December.

e Estimated.

h Tape measurement.

Ve-550. Jules Mouton. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 13 S., R. 2 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 8 inches, depth 280 feet. Highest water level 12.85 below lsd, Mar. 16, 1954; lowest 16.20 below lsd, Sept. 14, 1954. Records available: 1953-54. July 9, 1953, 13.57; July 29, 13.68; Sept. 29, 14.05; Mar. 16, 1954, 12.85; Sept. 14, 16.20.

Vernon Parish

V-104. Department of the Army. Camp Polk. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 1 N., R. 8 W. Drilled unused artesian well in sand of Miocene age, diameter 8 inches, depth 908 feet, screen 836-854. Highest water level 182.06 below lsd, Dec. 28, 1954; lowest 207.64 below lsd, June 20, 1953. Records available: 1952-54.

V-104--Continued.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	e201.	203.20	202.80	204.07	200.35	192.30	190.05	188.12	189.14	185.66	183.72	183.26
2	e201.	203.25	203.00	203.90	199.35	192.30	189.84	187.82	188.52	185.33	184.00	182.90
3	e201.	203.28	203.14	204.12	198.62	192.42	190.02	188.57	188.44	185.50	183.70	182.70
4	e201.	203.60	203.80	202.90	198.88	192.20	189.72	188.22	188.06	185.58	183.52	183.06
5	e201.	203.80	203.60	202.92	198.92	192.22	189.83	189.00	188.13	185.53	184.02	182.89
6	e201.	204.30	204.05	201.72	197.89	191.95	189.73	190.36	187.47	185.76	183.66	182.76
7	e201.	203.40	203.35	201.60	199.35	191.80	189.90	191.28	187.45	185.28	183.50	182.61
8	e201.	202.85	202.95	203.65	199.75	191.79	189.86	190.72	187.13	185.26	183.83	182.86
9	e201.	203.25	203.23	203.20	198.01	191.70	189.80	191.84	187.38	184.95	183.53	182.68
10	e201.	203.48	204.00	203.23	197.04	191.68	189.73	192.43	186.84	185.20	183.37	182.57
11	h202.17	203.72	203.82	203.10	196.62	191.47	189.82	193.48	186.93	184.97	183.95	182.89
12	201.97	204.00	203.75	202.55	196.15	191.47	189.59	193.06	186.51	184.66	183.52	182.53
13	201.88	204.30	204.14	203.25	195.91	191.14	189.60	193.79	186.88	184.74	183.27	182.39
14	201.65	203.47	203.55	203.10	195.62	191.18	189.82	194.80	186.36	185.05	183.65	182.71
15	202.20	202.75	202.75	203.35	195.30	190.79	189.69	193.95	186.61	184.64	183.25	182.47
16	202.12	203.25	203.08	202.13	194.30	190.80	189.62	193.62	186.20	184.43	183.07	182.27
17	201.38	202.83	203.48	202.78	194.67	190.88	189.60	193.95	186.37	184.65	182.99	182.59
18	200.65	203.08	203.95	202.00	194.50	190.57	189.38	194.40	186.13	184.38	183.32	182.32
19	201.48	203.67	203.25	201.93	194.37	190.93	189.30	195.00	186.05	184.88	183.08	182.48
20	202.28	204.20	203.64	202.15	194.06	190.32	189.23	195.06	185.73	184.50	182.98	182.28
21	202.35	203.37	203.60	202.09	193.97	190.85	188.42	195.07	186.10	184.19	183.26	182.14
22	202.55	202.54	203.66	204.50	193.99	190.60	189.22	192.99	185.96	184.65	183.03	182.57
23	203.17	202.40	203.45	205.08	193.60	190.18	189.02	191.68	186.06	184.30	182.91	182.30
24	203.10	203.25	203.65	203.56	193.33	190.40	188.82	190.85	185.69	184.11	183.30	182.18
25	203.43	203.20	204.20	203.12	193.60	190.73	188.80	190.11	185.49	184.36	183.03	182.78
26	203.47	203.80	203.83	201.70	193.03	190.30	188.94	189.84	185.54	184.04	182.85	182.42
27	204.00	204.98	203.83	202.29	193.25	190.37	188.69	189.14	186.01	184.21	182.73	182.21
28	203.75	203.85	204.00	202.06	192.65	190.21	189.00	189.01	185.62	184.01	183.10	182.46
29	204.03		203.25	202.10	192.88	190.30	188.60	188.99	185.36	183.80	182.96	182.44
30	204.65		204.20	201.60	192.73	190.27	188.84	188.24	185.74	184.40	182.83	182.23
31	203.77		204.12		192.52		188.57	188.98		183.95		182.27

e Estimated.

h Tape measurement.

Washington Parish

Wa-7. Gaylord Container Corp. Bogalusa. T. 3 S., R. 13 E. Drilled unused artesian well in sand of Pleistocene age, diameter 24 to 12 inches, depth 580 feet. Highest water level 0.19 above lsd, Dec. 30, 1953; lowest 25.09 below lsd, Sept. 2, 1952. Records available: 1949-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	16.33	20.43	17.88	18.47	16.38	12.09	14.72	14.45	14.96	17.86	2.41	1.27
2	17.86	20.58	18.20	18.40	16.41	12.07	14.95	14.45	16.05	18.05	2.05	1.06
3	18.69	20.75	17.94	18.34	16.28	12.20	15.05	14.40	16.89	18.06	1.77	.98
4	19.51	20.66	17.92	18.40	15.25	12.32	15.10	14.35	17.34	18.02	1.26	.87
5	19.50	20.45	17.80	18.42	13.85	12.39	13.76	11.00	17.46	18.07	1.08	.75
6	19.72	20.20	17.65	18.46	13.36	12.40	14.61	13.97	17.14	18.04	12.64	.80
7	19.89	20.20	17.57	18.54	13.03	12.38	14.70	14.17	16.41	18.12	14.13	.97
8	20.00	20.19	17.61	18.53	12.86	12.44	14.80	14.35	11.45	18.06	14.80	....
9	20.12	20.33	17.54	18.59	12.75	14.33	14.81	12.15	17.20	18.13	15.22	....
10	20.15	20.42	17.55	18.62	12.67	14.75	14.70	6.00	17.49	18.12	15.40	....
11	20.27	20.26	17.50	18.73	12.55	15.00	14.75	4.75	17.58	11.50	15.60	....
12	20.19	20.54	13.70	18.81	12.39	15.21	14.85	9.70	17.75	6.86	15.74	....
13	20.40	20.63	18.22	18.82	12.30	15.39	14.75	12.21	17.66	10.90	16.18	....
14	20.08	20.74	18.62	18.77	12.28	15.32	14.75	13.35	17.89	16.10	16.23	....
15	19.67	20.72	18.98	18.72	12.22	15.30	14.76	13.92	18.02	16.65	15.15	....
16	20.08	20.68	15.20	18.36	12.14	15.34	14.72	14.40	18.12	16.88	14.88	....
17	20.26	20.75	18.55	18.38	12.10	15.36	14.77	14.80	17.97	17.05	14.95	....
18	20.20	20.79	18.03	18.72	12.05	15.22	14.74	15.10	18.01	17.08	14.90	....
19	20.24	20.67	18.41	13.05	12.05	15.15	14.82	15.29	18.02	11.07	14.90	....
20	20.48	20.59	18.60	2.05	12.07	14.30	14.76	15.42	17.99	5.90	15.14	....
21	20.47	20.63	18.73	10.25	12.07	14.94	14.84	15.50	18.05	15.68	10.55	....
22	20.50	20.64	18.85	13.89	12.09	15.05	14.87	15.57	18.10	16.56	5.05	....
23	20.48	19.27	18.33	15.02	12.12	14.91	14.85	15.55	18.14	17.00	3.68	....
24	20.37	12.50	18.88	15.56	12.12	14.90	14.90	15.20	18.17	17.33	3.08	....
25	20.43	18.00	18.77	15.83	12.12	14.90	14.73	14.97	18.18	17.40	2.64	....

Wa-7--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	20.44	18.20	19.01	16.00	12.12	14.92	14.82	14.89	18.20	10.61	2.21	....
27	20.56	17.98	18.94	16.07	12.10	14.95	14.82	14.77	17.98	16.44	1.70	....
28	20.26	17.97	19.03	16.13	12.09	14.99	14.72	14.72	17.76	16.87	1.60	....
29	20.50		18.90	16.25	12.09	14.98	14.65	14.82	17.87	6.00	1.75	....
30	20.57		18.52	16.32	12.12	11.50	14.59	14.79	17.80	4.10	1.57	....
31	20.70		18.43		.....		14.57	14.85		3.14		....

Wa-14. Town of Bogalusa. Robinson and Madison Sts. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 3 S., R. 13 E. Drilled unused artesian well in sand of Pleistocene age, diameter 12 inches, depth 680 feet. Highest water level 19.7 above lsd, Dec. 1, 1954; lowest 5.8 above lsd, Oct. 16, 1952. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	+13.3	May 12	+14.0	Aug. 11	+15.7	Oct. 27	+14.2
Feb. 25	+14.0	June 9	+9.95	Sept. 29	+12.7	Dec. 1	+19.7
Apr. 6	+14.7						

Wa-15. Town of Bogalusa. North Ave. and Warren St. Drilled unused artesian well in sand of Pleistocene age, diameter 12 inches, depth 769 feet. Highest water level 29.8 above lsd, Apr. 18, 1950; lowest 9.76 above lsd, Oct. 20, 1953. Records available: 1950-54.

Jan. 6	+11.5	May 11	+14.2	Aug. 11	+18.5	Oct. 27	+14.80
Feb. 25	+11.6	June 8	+16.0	Sept. 29	+10.00	Dec. 1	+20.50
Apr. 6	+12.0						

Wa-18. Town of Franklinton. Drilled public-supply well in sand of Pleistocene age, diameter 6 inches, depth 788 feet. Highest water level 35.6 above lsd, June 21, 1950; lowest 25.7 above lsd, Dec. 1, 1954. Records available: 1949-54.

Jan. 6	+26.7	Apr. 6	+27.4	June 8	+26.5	Oct. 27	+26.0
Feb. 24	+27.5	May 11	+26.7	Aug. 11	+26.2	Dec. 1	+25.7

Wa-38. Town of Franklinton. Drilled public-supply artesian well in sand of Pleistocene age, diameter 6 inches, depth 1,050 feet, screen at 970-1,050. Highest water level 46.6 above lsd, Dec. 1, 1954; lowest 42.7 above lsd, May 16, 1952. Records available: 1949-52, 1954. Dec. 1, +46.6.

Wa-41. Town of Bogalusa. Madison and Robertson Sts. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 3 S., R. 13 E. Drilled artesian public-supply well in sand of Pleistocene age, diameter 12 inches, depth 1,442 feet. Highest water level 33.4 above lsd, Mar. 16, 1950; lowest 9.7 above lsd, Oct. 21, 1953. Records available: 1950, 1952-54.

Jan. 6	+23.2	May 12	+20.7	Aug. 11	+13.7	Oct. 27	+13.2
Feb. 25	+26.5	June 9	+12.4	Sept. 29	+11.2	Dec. 1	+23.2
Apr. 6	+21.2						

Wa-43. V. A. Talley. Center N $\frac{1}{2}$ sec. 44, T. 4 S., R. 13 E. Drilled domestic artesian well in sand of Pleistocene age, diameter 2 inches, depth 420 feet. Highest water level 31.0 above lsd, Sept. 12, 1950; lowest 24.6 above lsd, May 16, 1952. Records available: 1950-54.

Jan. 6	+29.4	May 12	+28.4	Aug. 12	+27.6	Oct. 28	+27.2
Feb. 25	+28.9	June 9	+28.4	Sept. 29	+27.2	Dec. 1	+25.9
Apr. 7	+28.9						

Webster Parish

Wb-2. Town of Springhill. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 23 N., R. 11 W. Drilled public-supply artesian well in Sparta sand, diameter 8 inches, depth 321 feet, screen 280-320. Highest water level 143.30 below lsd, Nov. 18, 1954; lowest 169.88 below lsd, Jan. 6, 1950. Records available: 1947-54.

Jan. 29	148.78	Apr. 15	147.13	Aug. 4	149.16	Nov. 18	143.30
Mar. 11	147.61	May 20	144.61	Sept. 7	149.94	Dec. 29	149.43

Wb-3. City of Springhill. Sec. 11, T. 23 N., R. 11 W. Drilled public-supply artesian well in Sparta sand, diameter 12 to 8 inches, depth 340 feet. Highest water level 85.13 below lsd, Apr. 15, 1954; lowest 95.24 below lsd, Dec. 29, 1954. Records available: 1953-54. Nov. 19, 1953, 89.24; Dec. 17, 88.28; Jan. 29, 1954, 87.53; Apr. 15, 85.13; Dec. 29, 95.24.

Wb-27. International Paper Co., Southern Kraft Division. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 23 N., R. 11 W. Drilled unused artesian well in Sparta sand, diameter 18 to 12 inches, depth 312 feet. Highest water level 84.17 below lsd, Nov. 23, 1954; lowest 169.20 below lsd, Oct. 8, 1947. Records available: 1947-54.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	88.11	87.47	87.08	86.76	85.87	86.25	86.42	86.49	85.90	84.82	86.59
2	88.25	87.39	87.05	86.68	85.64	86.38	86.45	86.35	85.90	84.89	90.74
3	88.07	87.45	87.09	86.67	85.67	86.32	86.35	86.41	85.79	84.87	91.41
4	87.85	87.59	87.03	86.67	85.74	86.18	86.18	86.34	85.80	84.66	91.06
5	88.20	87.46	87.03	86.55	85.74	86.26	86.17	86.34	85.78	84.74	93.30
6	87.91	87.50	87.03	86.55	85.77	86.21	86.13	86.30	85.75	84.69	94.41
7	87.97	87.50	87.01	86.43	85.78	86.18	86.19	86.53	85.79	84.61	102.70
8	87.95	87.49	87.14	86.48	85.83	86.12	86.23	86.45	85.84	84.69	104.91
9	87.76	87.39	87.14	86.47	85.86	86.16	86.10	86.32	85.74	84.73	106.36
10	87.62	87.25	87.19	86.39	85.93	86.28	86.27	86.24	85.70	84.68	107.48
11	87.65	87.08	87.18	86.26	85.93	86.33	86.18	86.34	85.68	84.62	108.35
12	87.83	87.10	87.20	86.10	86.02	86.34	86.13	86.27	85.62	84.60	108.80
13	87.75	87.15	87.13	86.07	86.10	86.40	86.20	86.18	85.59	84.57	109.58
14	87.72	87.27	87.08	86.07	86.21	86.44	86.35	86.25	85.55	84.48	110.06
15	87.70	87.37	87.02	86.08	86.22	86.58	86.36	86.16	85.61	84.41	110.64
16	87.60	87.45	87.05	86.09	86.16	86.62	86.40	86.10	85.60	84.35	111.09
17	87.67	87.39	87.07	86.07	86.13	86.56	86.39	86.08	85.51	84.29	111.38
18	87.64	87.28	87.06	85.99	86.16	86.75	86.77	86.05	85.47	84.28	111.67
19	87.54	87.15	87.06	85.89	86.20	86.67	87.13	86.06	85.43	84.33	112.02
20	87.45	87.30	87.07	85.99	86.13	86.65	86.64	86.64	85.37	84.31	112.37
21	87.52	87.25	87.02	85.98	86.10	86.54	87.14	85.94	85.32	84.23	112.58
22	87.55	87.15	87.02	86.00	86.17	86.50	86.18	85.96	85.23	84.20	112.53
23	87.53	87.15	86.99	85.99	86.17	86.54	87.27	85.98	85.25	84.17	112.43
24	87.51	87.13	87.05	85.98	86.27	86.56	86.96	85.98	85.24	86.83	112.55
25	87.38	87.08	87.02	85.75	86.30	86.53	86.75	85.98	85.13	87.75	112.88
26	87.35	87.20	86.99	85.76	86.27	86.58	86.63	85.95	85.11	88.10	113.13
27	87.30	87.13	86.97	85.20	86.27	86.45	86.64	85.94	85.10	87.25	112.50
28	87.38	87.08	86.82	85.63	86.23	86.55	86.65	85.89	85.05	87.18	112.49
29	88.05		86.93	86.85	85.67	86.23	86.67	86.55	85.85	84.87	86.84	112.50
30	88.06		86.96	86.90	85.78	86.23	86.69	86.41	85.96	84.85	86.60	111.78
31	88.13		87.00		85.72		86.53	86.43		84.85		111.79

Wb-94. Town of Springhill. Sec. 11, T. 23 N., R. 11 W. Drilled public-supply artesian well in Sparta sand, diameter 12 to 9 inches, depth 408 feet, screen 328-408. Highest water level 77.37 below lsd, Nov. 18, 1954; lowest 100.66 below lsd, July 5, 1950. Records available: 1950-54. May 20, 79.38; Sept. 7, 95.27; Nov. 18, 77.37; Dec. 29, 86.95.

Wb-96. Town of Cotton Valley. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 34, T. 21 N., R. 10 W. Drilled unused artesian well in sand of Pleistocene age, diameter 6 inches, depth 183 feet, screen 165-183. Highest water level 20.82 below lsd, Dec. 21, 1948; lowest 31.71 below lsd, Nov. 30, 1950. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	26.38	Apr. 15	26.83	Aug. 4	28.39	Nov. 18	30.02
Mar. 11	26.47	May 20	26.64	Sept. 7	28.99	Dec. 29	30.36

West Baton Rouge Parish

WBR-5. Town of Port Allen. Sec. 66, T. 7 S., R. 12 E. Drilled public-supply artesian well in sand of Pleistocene age, diameter 8 inches, depth 1,338 feet. Highest water level 36.1 above lsd, June 21, 1943; lowest 27.43 below lsd, Dec. 8, 1954. Records available: 1943-47, 1949-50, 1954. Mar. 12, 14.26; June 29, 10.05; Aug. 9, 17.32; Sept. 9, 20.47; Oct. 4, 17.09; Nov. 3, 21.72; Dec. 8, 27.43.

WBR-23. Cinclare Central Factory. Sec. 10, T. 8 S., R. 12 E. Drilled industrial artesian well in sand of Pleistocene age, diameter 8 inches, depth 2,098 feet, screen 2,065-2,098. Highest water level 47.75 above lsd, Sept. 9, 1954; lowest 41.51 above lsd, Aug. 9, 1954. Records available: 1954. Mar. 12, +43.8; June 29, +44.0; Aug. 9, +41.51; Sept. 9, +47.75; Oct. 4, +44.28; Nov. 3, +43.13; Dec. 8, +43.13.

Winn Parish

W-2. Town of Winnfield. Drilled public-supply artesian well in Sparta sand, diameter 8 inches, depth 278 feet. Highest water level 29.43 below lsd, June 8, 1950; lowest 42.64 below lsd, July 31, 1953. Records available: 1949-54.

W-2--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	35.06	Apr. 15	33.73	June 18	34.02	Nov. 19	34.86
Mar. 12	33.60	May 21	33.81	Sept. 3	36.96	Dec. 30	34.43

OKLAHOMA

By Lee C. Burton

Scope of Water-Level Program

The observation-well program in Oklahoma was continued with the cooperation of State agencies through 1954. The program was started in the Stillwater Creek area in the spring of 1934 in cooperation with the Soil Conservation Service as part of a national soil-conservation program. In 1954 most of the work was done in cooperation with the Oklahoma Geological Survey, the Oklahoma Planning and Resources Board, the U. S. Department of Agriculture, and the Oklahoma Agricultural and Mechanical College. The Department of Agronomy of the Oklahoma Agricultural and Mechanical College made weekly measurements in observation wells in the Stillwater Creek basin, Payne County. The U. S. Department of Agriculture with the aid of the Oklahoma Agricultural and Mechanical College made weekly measurements in an irrigation well at the Southwestern Cotton Substation, near Tipton, Tillman County. In 1954 measurements were made in 279 observation wells in Oklahoma. Recording gages were operated throughout the year in 5 wells and for a shorter period of time in 2 wells. Figures 23-27 show the location of observation wells in Oklahoma.

Precipitation

The annual precipitation for 1954 in counties where observation wells are situated ranged from 10.08 to 49.10 inches. Of the stations considered, Goodwell, Texas County, recorded the lowest annual precipitation, 10.08 inches, and Hugo, Choctaw County, recorded the highest annual precipitation, 49.10 inches. Along the North Canadian River valley from Oklahoma City upstream to Beaver, the precipitation at 5 stations in 1954 ranged from 12.15 inches at Beaver to 18.20 inches at Oklahoma City and averaged 14.54 inches. Departures from normal ranged from -7.21 inches at Beaver to -15.19 inches at Oklahoma City. Norman reported a total annual precipitation of 18.03 inches and a departure of -15.19 inches. Western and southwestern Oklahoma received precipitation ranging from 11.61 inches at Sayre, Beckham County, to 22.55 inches at Chickasha, Grady County, with departures ranging from -7.80 inches at Cheyenne to -15.19 inches at Mangum. In southeastern Oklahoma, annual precipitation was reported as 49.10 inches at Hugo, Choctaw County, and 39.51 inches at Idabel, McCurtain County, with departures from normal of +4.60 and -4.73 inches, respectively.

Annual precipitation and departure from normal at selected stations in Oklahoma, 1954

Station	Total precipitation	Departure	Station	Total precipitation	Departure
Altus	15.70	-10.32	Hollis	14.97	-9.37
Arnett	12.98	-10.67	Hugo	49.10	-4.60
Beaver	12.15	-7.21	Idabel	39.51	-4.73
Carnegie	14.72	-13.94	Lawton	21.78	-9.16
Cheyenne	18.02	-7.80	Mangum	14.87	-11.10
Chickasha	22.55	-8.26	Norman	18.03	-15.19
Clinton	17.82	-11.42	Oklahoma City	18.20	-14.39
Cloud Chief	15.18	-12.65	Ponca City	20.17	-9.78
El Reno	14.60	-14.09	Purcell	22.42	-12.47
Enid	18.78	-11.04	Sayre	11.61	-11.46
Frederick	15.82	-11.55	Stillwater	18.33	-15.02
Goodwell	10.08	-6.86	Watonga	14.76	-13.15
Hennessey	17.72	-10.61	Woodward	13.00	-12.07
Hobart	13.94	-13.43			

Pumpage

Records of ground-water pumpage for the larger towns in the Panhandle are furnished regularly through the courtesy of the Southwestern Public Service Co. The total pumpage for 7 towns was about 1.6 percent more in 1954 than in 1953. The largest increase was about 21 percent at

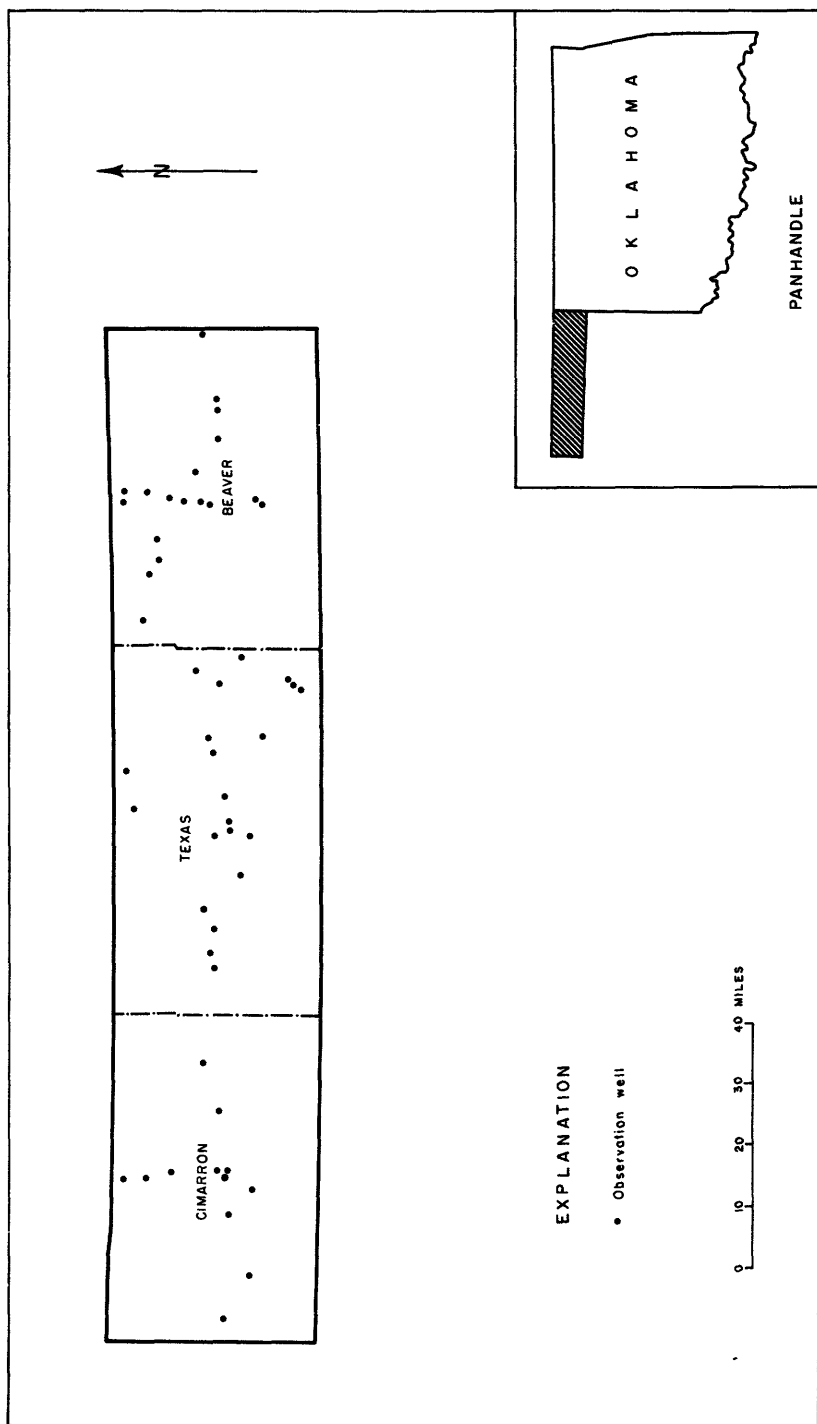


Figure 23. --Location of observation wells in the Oklahoma Panhandle, 1954.

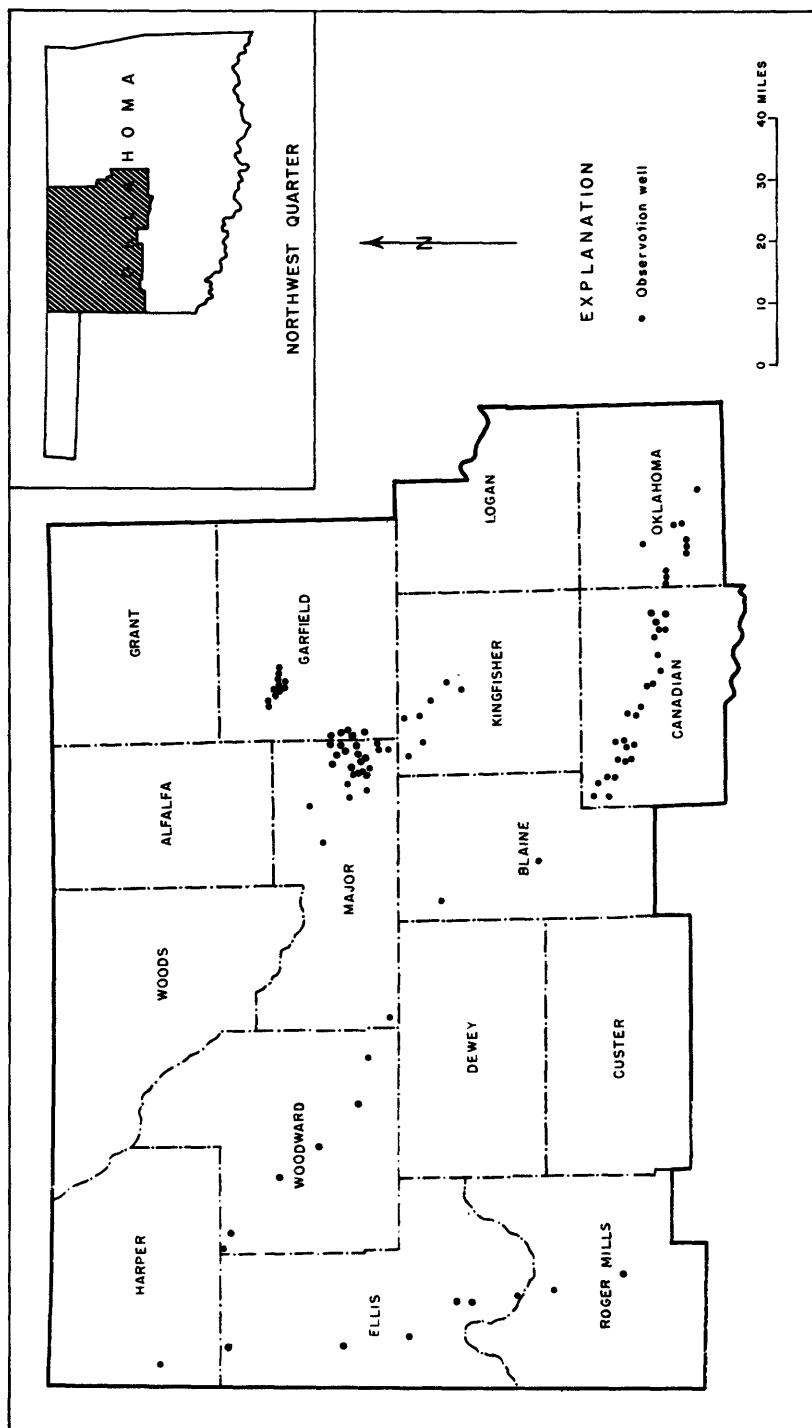


Figure 24. --- Location of observation wells in northwestern Oklahoma, 1954.

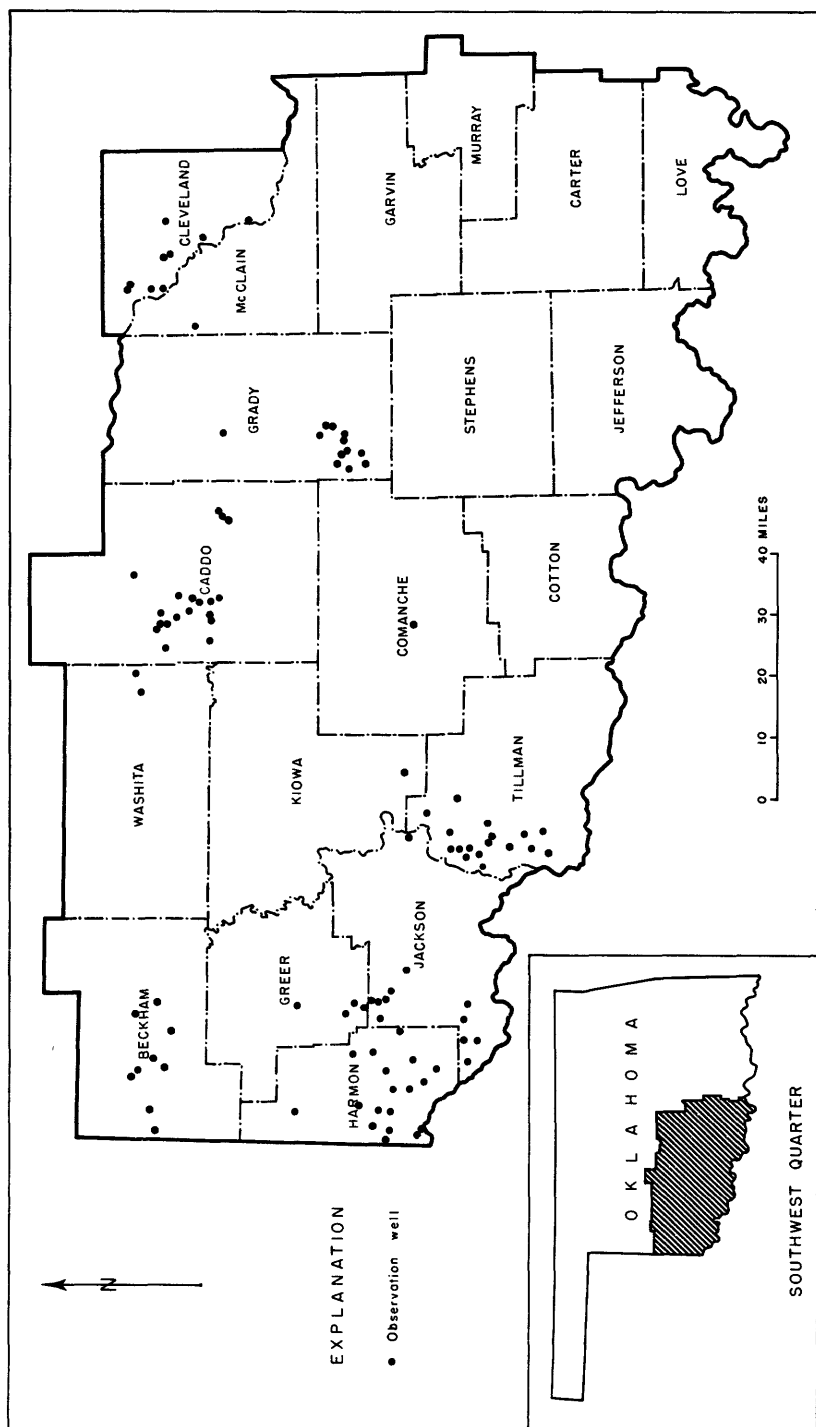


Figure 25. --Location of observation wells in southwestern Oklahoma, 1954.

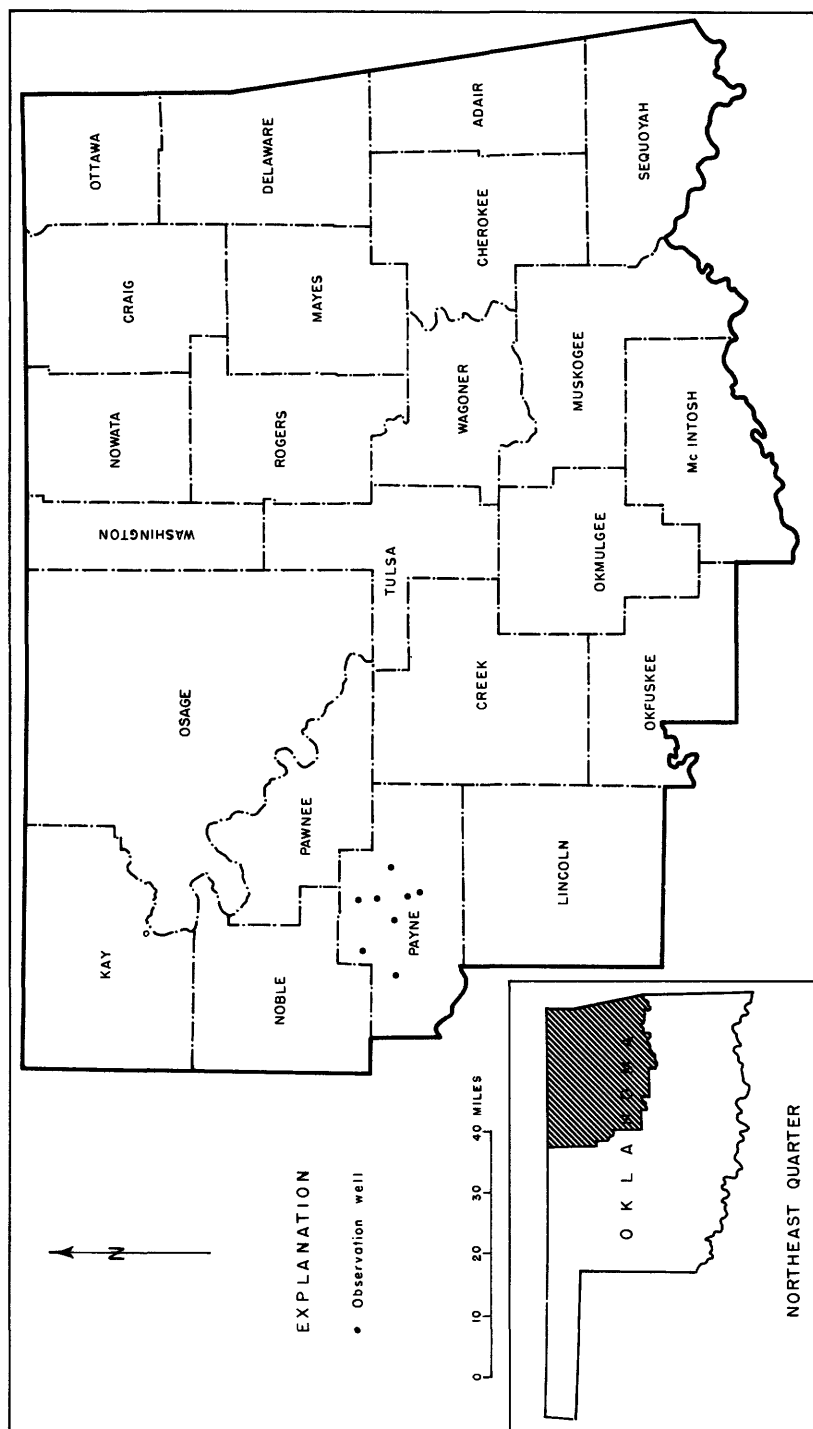


Figure 26. --- Location of observation wells in northeastern Oklahoma, 1954.

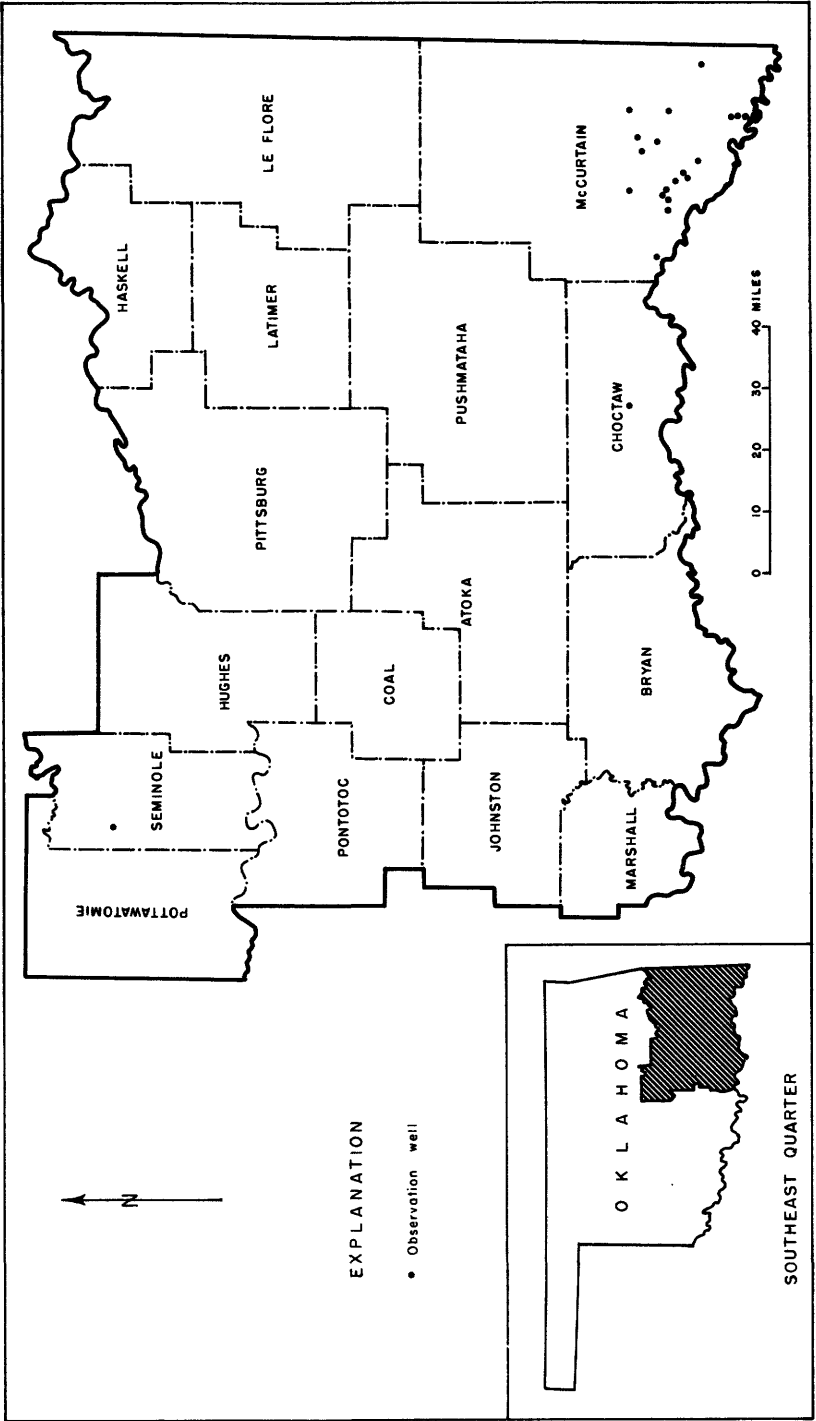


Figure 27. --Location of observation wells in southeastern Oklahoma, 1954.

Forgan, Beaver County. Pumpage increased about 10.6 percent at Boise City, 5.0 percent at Keyes, 14.2 percent at Felt in Cimarron County, and 5.1 percent at Beaver in Beaver County. A decrease in pumpage of 1.7 percent was recorded at Guymon and 4.2 percent at Texhoma in Texas County. The quantity of ground water pumped for irrigation and other uses by the Panhandle Agricultural and Mechanical College was about 17 percent greater than in 1953. Irrigation pumpage increased substantially in the Panhandle and also in other irrigated areas, notably Tillman, Harmon, Jackson, and Greer Counties.

Interpretation of Water-Level Fluctuations

Vamoosa formation. --The Skelly Gas Corp. well in Seminole County, penetrating the Vamoosa formation, showed a general decline in water level from January to December 1954; however, the water level in this well is affected by the pumping of a nearby well, and a considerable range of fluctuations was recorded during 1954. Since the beginning of record in 1948, the water level in the well rose steadily until May 13, 1954, when it reached the highest recorded level.

Stillwater Creek basin. --The water-level measurements in 8 observation wells in the Stillwater Creek basin, Payne county, showed an average decline of 1.29 feet from December 1953 to December 1954. Water levels in the wells are not believed to be affected by pumping; the decline in water levels is probably due to a relatively low amount of recharge, the result of below-normal precipitation in the area.

Garber sandstone and Wellington formation. --The Garber sandstone and Wellington formation in central Oklahoma furnish water for municipal and private use. The principal cities which draw upon the aquifers for their public-water supplies are Norman, Noble, Midwest City, Del City, Nichols Hills, and Edmond. The Tinker Field Airforce Base also obtains its water supply from these water-bearing sandstones. Water-level fluctuations were recorded in 10 wells that are affected to some degree by the pumping of nearby wells. The records show that water levels declined an average of 1.01 feet between January and December 1954.

Southwestern irrigation area. --In the irrigated area of southwestern Oklahoma, the general trend of ground-water levels was downward in 1954. Precipitation was below normal, recharge to the aquifer was correspondingly low, and the withdrawal of ground water for irrigation was much greater in 1954 than in 1953.

Rush Springs sandstone. --Water levels in the Rush Springs sandstone showed an average decline of about 1 foot between December 1953 and December 1954. The decline was probably caused by the increased use of ground water for irrigation and relatively low recharge because of below-normal precipitation.

Cretaceous. --Water levels in wells tapping water-bearing beds of Cretaceous age in southern McCurtain County showed an average net decline of 1.90 feet between January and December 1954. These declines varied in the aquifers. Water levels in the wells in the Paluxy sand had an average net decline of 1.72 feet; those in the Woodbine and Tokio formations had an average net decline of 2.07 feet. Three wells tapping the Paluxy sand were dry during July, August, and September, but recovered in October and November. Water levels in wells tapping these formations have shown a downward trend since 1951. (See fig. 28.)

Oklahoma Panhandle. --Depths to water have been measured in wells in Texas County since 1937 and in Beaver and Cimarron Counties since 1938. The observation wells have been divided into groups according to the aquifer tapped, and average water levels have been calculated. For each county, the different aquifer groups have been assigned a percentage value based on the area underlain by the aquifer, and a weighted average for the county has been calculated. The county averages then have been averaged together to obtain the average water level for the whole Panhandle. The lowest average for the water levels in the Panhandle as a whole was recorded in November 1938; there was little change until 1941 when a gradual rise began as a result of heavy precipitation. This rise has been accelerated in recent years; the highest average was recorded in May 1953, notwithstanding a decline in precipitation and an increase in the pumping of ground water for irrigation. A small decline of 0.54 foot in the water level occurred between May 1953 and May 1954.

Terrace deposits. --The terrace deposits of central and western Oklahoma are tapped for water for industrial, irrigation, domestic, and public-water supplies. Water-level measurements in wells penetrating these terrace deposits showed an average net decline ranging from 0.54 foot to 2.77 feet in 1954. The Cleveland County terrace, a high terrace of the Canadian River, is thin and of small extent; pumping of ground water from it is negligible. It reflects the natural fluctuations of the water table due to precipitation, evaporation, and transpiration. Measurements of the water level in a well penetrating this terrace deposit showed the greatest change, a decline of 2.77 feet. Measurements in wells penetrating the terrace deposits of Beckham County showed an average net decline of 0.54 foot. This was the smallest change. Water-level measurements in wells penetrating the terrace deposits of Tillman County showed an average decline of only 0.96 foot. Water levels in the Cimarron terrace showed an average net decline of 1.30 feet.

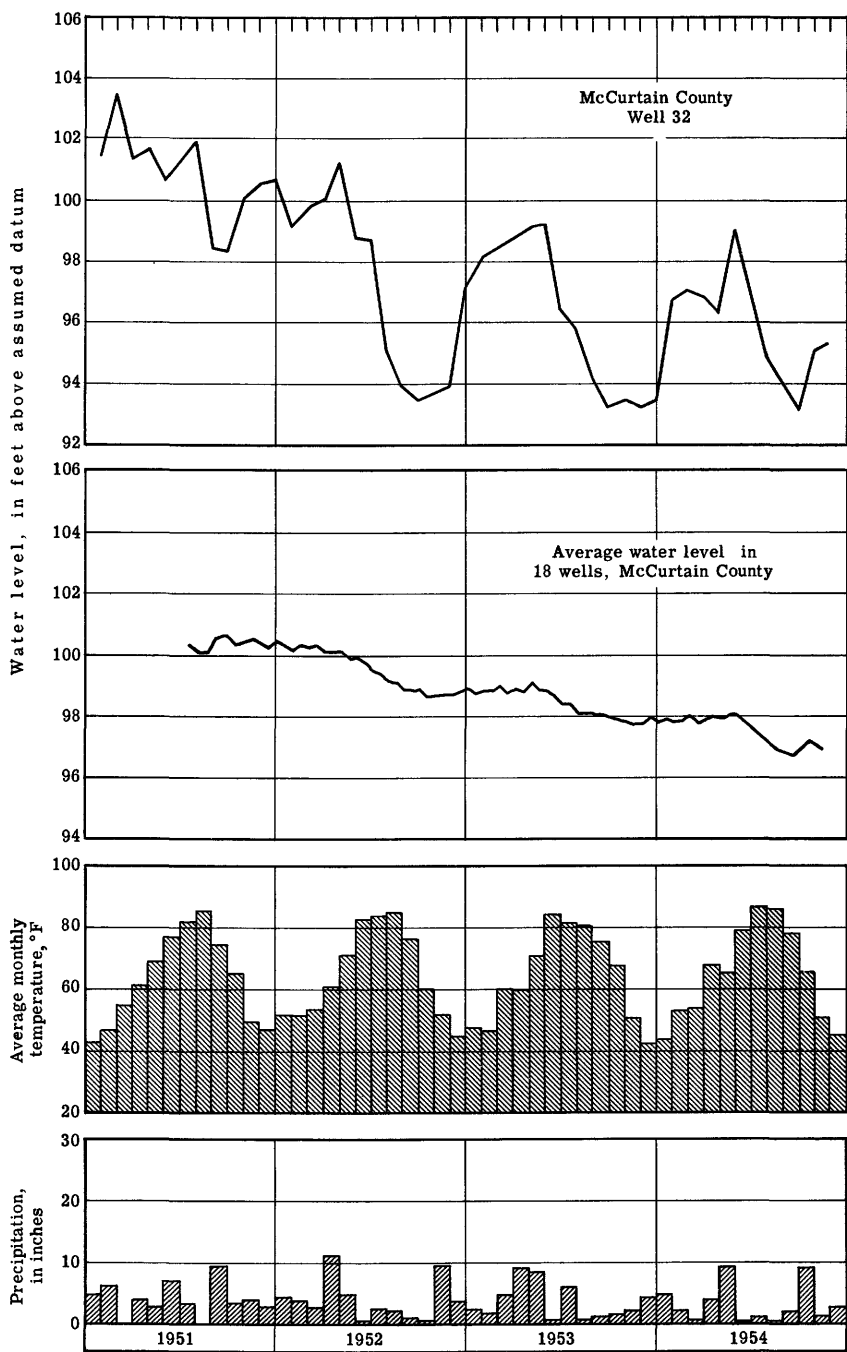


Figure 28. --Water level in well 32, average water level in 18 wells in McCurtain County, and precipitation and average temperature at Idabel, Okla., 1951-54.

Alluvium. --Measurements of water levels made in 5 wells in the alluvium of the Red River in McCurtain County showed an average net decline of 3.39 feet from December 1953 to December 1954. Measurements of water levels were made in two observation wells in the alluvium of the North Fork of the Red River--Jackson County well 1 and Beckham County well 53. The water level in Jackson County well 1 rose 0.61 foot between October 1953 and June 1954. Records for Beckham County well 53 showed a decline of 1.86 feet between December 1953 and June 1954; from June through December 1954 the well was dry. Fluctuations of the water level in the alluvium of the Washita River were observed in Caddo County well 2, Grady County well 76, and Roger Mills County well 1. From late 1953 to late 1954, measurements showed an average water-level decline of 1.31 feet. Measurements of water level in Kay County well 1, which taps water in the alluvium of the Arkansas River, showed a net decline of 0.23 foot in the water level from December 1953 to December 1954. The December 1954 measurement 29.06 was the lowest of record for the 7-year period of observation. Water-level fluctuations in wells in the alluvium of the Canadian River were observed in Canadian County well G-53 and Cleveland County wells 14 and 15. The water levels showed an average decline of 2.55 feet from December 1953 to December 1954. Measurements made in wells in the alluvium of the North Canadian River showed an average water-level decline of 1.07 feet from October 1953 to December 1954. The wells are unevenly distributed from Oklahoma City to Beaver. In averaging the water levels, the measurements were weighted according to the length of the valley segment represented by each well or group of wells. For example, Canadian County contains about 65 percent of the wells; however, it only represents 20 percent of the area.

Well-Numbering System

The numbers assigned to observation wells in Oklahoma do not have reference to the location of the wells. Wells are numbered serially within each county.

Well Descriptions and Water-Level Measurements

(Water levels are in feet below land-surface datum unless otherwise indicated.)

Beaver County

253. U. S. Geol. Survey. $SE\frac{1}{4}NE\frac{1}{4}SE\frac{1}{4}$ sec. 13, T. 2 N., R. 23 E. Driven observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 14 feet. Land-surface datum is 2,582.3 feet above msl. Highest water level 7.42 below lsd, May 27, 1953; lowest 9.11 below lsd, May 18, 1948. Records available: 1946-54. June 11, 7.85.
275. James W. Parker. $SE\frac{1}{4}SW\frac{1}{4}SW\frac{1}{4}$ sec. 7, T. 2 N., R. 24 E. Drilled stock water-table well in Ogallala formation, diameter 6 inches, depth 94 feet. Highest water level 75.29 below lsd, May 19, 1952; lowest 76.75 below lsd, May 15, 1946. Records available: 1946-54. June 11, 75.66.
417. Ralph Ridgeway. $SW\frac{1}{4}NE\frac{1}{4}NE\frac{1}{4}$ sec. 11, T. 3 N., R. 25 E. Dug stock water-table well in alluvium, diameter 6 inches, depth 18 feet. Land-surface datum is 2,446.0 feet above msl. Highest water level 7.76 below lsd, May 19, 1952; lowest 13.17 below lsd, Jan. 28, 1941. Records available: 1938-42, 1944-54. June 11, 10.52.
432. George H. Button. $NW\frac{1}{4}NE\frac{1}{4}NE\frac{1}{4}$ sec. 10, T. 3 N., R. 26 E. Drilled stock water-table well in Ogallala formation, diameter 6 inches, depth 44 feet. Land-surface datum is 2,369.8 feet above msl. Highest water level 19.80 below lsd, May 19, 1952; lowest 29.59 below lsd, Jan. 30, 1940. Records available: 1938-42, 1944-47, 1949, 1952, 1954. June 11, 20.78.
433. Federal Land Bank. $NE\frac{1}{4}NW\frac{1}{4}NW\frac{1}{4}$ sec. 12, T. 3 N., R. 26 E. Drilled unused water-table well in Laverne formation, diameter 5 inches, depth 47 feet. Land-surface datum is 2,355.8 feet above msl. Highest water level 35.65 below lsd, May 19, 1952; lowest 40.30 below lsd, Jan. 28, 1941. Records available: 1938-54. June 11, 36.24.
518. Peter Sanders Estate. $NE\frac{1}{4}SE\frac{1}{4}SE\frac{1}{4}$ sec. 36, T. 4 N., R. 23 E. Drilled stock water-table well in rocks of Permian age, diameter 5 inches, depth 74 feet. Land-surface datum is 2,545.0 feet above msl. Highest water level 35.06 below lsd, May 19, 1950; lowest 39.76 below lsd, Sept. 22, 1940. Records available: 1938-41, 1943-44, 1946, 1948, 1950, 1952-54. June 11, 35.75.
523. Frances M. Hancock. $SW\frac{1}{4}SW\frac{1}{4}SW\frac{1}{4}$ sec. 24, T. 4 N., R. 24 E. Drilled stock water-table well in alluvium, diameter 4 inches, depth 34 feet. Land-surface datum is 2,378.3 feet above msl. Highest water level 21.01 below lsd, Oct. 28, 1941; lowest 23.73 below lsd, Sept. 22, 1940. Records available: 1938-46, 1948-54. June 11, 22.66.

527. Mrs. Ellen F. Williams. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 30, T. 4 N., R. 24 E. Drilled stock water-table well in rocks of Permian age, diameter 4 inches, depth 73 feet. Land-surface datum is 2,493.1 feet above msl. Highest water level 41.76 below lsd, May 8, 1951; lowest 47.19 below lsd, May 21, 1940. Records available: 1938-51. No measurement made in 1954.

528. Southwestern Public Service Co. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 4 N., R. 24 E. Dug unused water-table well in alluvium, diameter 16 feet to 2 feet, depth 34 feet, cased to 34. Highest water level 2.98 below lsd, June 24, 1949; lowest 16.09 below lsd, Nov. 12, 1954. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	13.96	Apr. 9	13.78	July 9	15.19	Oct. 8	15.96
8	13.94	16	13.82	16	15.44	15	15.94
15	13.90	23	13.84	23	15.55	22	15.90
22	13.84	30	13.84	30	13.69	29	15.88
29	13.76	May 7	13.86	Aug. 6	13.48	Nov. 5	15.88
Feb. 5	13.74	14	13.84	13	15.32	12	16.09
12	13.69	21	13.78	20	15.34	19	15.86
19	13.69	28	13.67	27	15.36	26	15.82
26	13.68	June 4	13.94	Sept. 3	15.61	Dec. 3	15.80
Mar. 5	13.69	11	14.09	10	15.82	10	15.78
12	13.73	18	15.34	17	15.88	17	15.76
19	13.69	25	14.65	24	15.94	24	15.71
26	13.69	July 2	14.92	Oct. 1	16.07	31	15.69
Apr. 2	13.73						

576. J. C. Peters. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 2, T. 5 N., R. 20 E. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 171 feet. Land-surface datum is 2,773.5 feet above msl. Highest water level 145.21 below lsd, May 21, 1954; lowest 160.04 below lsd, Apr. 3, 1939. Records available: 1938-54. May 21, 145.21.

591. A. J. Isaac. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, T. 5 N., R. 21 E. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 208 feet. Land-surface datum is 2,705.2 feet above msl. Highest water level 183.10 below lsd, May 20, 1952; lowest 192.41 below lsd, Nov. 26, 1938. Records available: 1938-54. May 21, 183.61.

612. Clarence Lamaster. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 4 N., R. 28 E. Drilled unused water-table well in alluvium, diameter 15 inches, depth 35 feet. Highest water level 7.65 below lsd, Nov. 28, 1941; lowest 14.42 below lsd, Oct. 30, 1953. Records available: 1941-54. May 19, 13.57.

613. T. J. Trew. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 5 N., R. 22 E. Drilled unused water-table well in Ogallala formation, depth 84 feet. Land-surface datum is 2,574.9 feet above msl. Highest water level 50.48 below lsd, May 20, 1952; lowest 66.80 below lsd, Jan. 27, 1940. Records available: 1938-54. May 21, 52.07.

617. Minnie B. Dorman and others. SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, T. 5 N., R. 22 E. Drilled unused water-table well in Ogallala formation, depth 186 feet. Land-surface datum is 2,678.1 feet above msl. Highest water level 161.91 below lsd, May 21, 1954; lowest 169.44 below lsd, Nov. 20, 1938. Records available: 1938-54. May 21, 161.91.

647. Gilbert Hodges. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 5 N., R. 24 E. Drilled unused water-table well in rocks of Quaternary age, diameter 5 inches, depth 72 feet. Land-surface datum is 2,530.7 feet above msl. Highest water level 43.41 below lsd, May 27, 1953; lowest 52.79 below lsd, Jan. 27, 1941. Records available: 1938-54. May 21, 43.53.

649. Arthur Williams. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 5 N., R. 24 E. Dug unused water-table well in rocks of Quaternary age, diameter 6 inches, depth 16 feet. Land-surface datum is 2,474.7 feet above msl. Highest water level 4.05 below lsd, Apr. 22, 1942; lowest 9.48 below lsd, Sept. 23, 1939. Records available: 1938-54. May 20, 5.64.

767. Robert F. LeCrone. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 6 N., R. 23 E. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 197 feet. Land-surface datum is 2,545.2 feet above msl. Highest water level 58.91 below lsd, May 19, 1950; lowest 77.08 below lsd, Nov. 26, 1938. Records available: 1938-54. May 21, 64.84.

777. Harry McAdams. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 20, T. 6 N., R. 24 E. Drilled unused water-table well in rocks of Quaternary age, diameter 4 inches, depth 36 feet. Land-surface datum is 2,448.9 feet above msl. Highest water level 12.57 below lsd, below lsd, May 19, 1950; lowest 30.62 below lsd, Jan. 27, 1941. Records available: 1938-54. May 21, 19.17.

Beckham County

5. William Heirs. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 9 N., R. 23 W. Drilled unused water-table well in terrace deposit, diameter 4 inches, depth 75 feet. Highest water level 61.95 below lsd, Apr. 9, 1952; lowest 67.31 below lsd, Nov. 30, 1954. Records available: 1952-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	66.60	Mar. 23	66.70	June 22	66.57	Sept. 21	67.07
Feb. 1	66.62	Apr. 28	66.73	July 21	66.79	Oct. 27	67.24
Mar. 1	66.68	May 26	66.32	Aug. 23	66.94	Nov. 30	67.31

10. Mrs. C. E. Waters. SE cor. sec. 2, T. 8 N., R. 24 W. Dug unused water-table well in terrace deposit, diameter 6 feet, depth 29 feet. Highest water level 16.70 below lsd, Mar. 3, 1952; lowest 24.23 below lsd, Dec. 1, 1954. Records available: 1952-54.

Jan. 5	20.95	Mar. 24	21.44	June 22	21.39	Sept. 21	23.67
Feb. 1	21.10	Apr. 28	22.08	July 21	22.44	Oct. 27	24.04
Mar. 1	21.20	May 26	21.82	Aug. 24	23.08	Dec. 1	24.23

12. D. M. Elms. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 9 N., R. 25 W. Drilled unused water-table well in terrace deposit, diameter 8 inches, depth 47 feet. Highest water level 28.16 below lsd, Dec. 13, 1951; lowest 37.22 below lsd, Apr. 28, 1954. Records available: 1951-54. Jan. 5, 35.23; Feb. 1, 35.26; Mar. 1, 35.45; Mar. 24, 35.36; Apr. 28, 37.22. Measurement discontinued.

14. School land. O. H. Crosby, tenant. NE. cor. sec. 30, T. 9 N., R. 24 W. Drilled unused water-table well in terrace deposit, diameter 6 inches, depth 66 feet. Highest water level 59.72 below lsd, May 6, 1952; lowest dry at 64.00, Oct. 27, Dec. 1, 1954. Records available: 1952-54.

Jan. 5	62.18	Mar. 24	61.90	June 22	62.66	Sept. 22	63.66
Feb. 2	62.21	Apr. 28	62.45	July 21	62.92	Oct. 27	(f)
Mar. 2	62.35	May 26	62.44	Aug. 23	63.42	Dec. 1	(f)

f Dry.

40. U. S. Geol. Survey. NE. cor. sec. 3, T. 9 N., R. 25 W. Drilled observation water-table well in terrace deposit, diameter 1 $\frac{1}{2}$ inches, depth 40 feet, cased to 40. Highest water level 14.91 below lsd, Dec. 3, 1951; lowest 17.49 below lsd, Sept. 22, 1954. Records available: 1951-54.

Jan. 5	17.04	Mar. 24	17.00	June 21	16.77	Sept. 22	17.49
Feb. 2	17.06	Apr. 28	17.07	July 21	17.24	Oct. 27	17.45
Mar. 2	17.05	May 26	16.89	Aug. 23	17.39	Dec. 1	17.34

45. Della Vann James. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 9 N., R. 26 W. Drilled unused water-table well in terrace deposit, diameter 5 inches, depth 58 feet, cased to 58. Highest water level 44.51 below lsd, Nov. 8, 1951; lowest 50.13 below lsd, Apr. 28, 1954. Records available: 1951-54.

Jan. 5	49.90	Mar. 24	49.72	July 21	48.97	Oct. 27	49.38
Feb. 2	48.50	Apr. 28	50.13	Aug. 24	49.22	Dec. 1	49.59
Mar. 2	49.45	June 21	48.92	Sept. 22	49.33		

48. C. M. Ballew. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 9 N., R. 26 W. Drilled unused water-table well in terrace deposit, diameter 6 inches, depth 33 feet, cased to 33. Highest water level 18.94 below lsd, Nov. 6, 1951; lowest 23.13 below lsd, Apr. 28, 1954. Records available: 1951-54.

Jan. 5	22.52	Mar. 24	22.91	June 22	23.00	Oct. 28	22.72
Feb. 2	22.68	Apr. 28	23.13	July 21	22.16	Dec. 1	23.09
Mar. 2	22.72	May 26	23.06				

52. Clarence Murray. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 9 N., R. 25 W. Drilled unused water-table well in terrace deposit, diameter 7 inches, depth 109 feet. Highest water level 38.49 below lsd, Dec. 3, 1953; lowest 40.97 below lsd, Dec. 1, 1954. Records available: 1953-54.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	39.84	40.14	40.05	40.39	40.25	40.27	40.21	.....	.....	40.53	.....	40.97
2	40.07	40.15	40.42	40.24	40.43	40.23	40.21	.....	.....	40.51	.....	.....
3	40.07	40.02	.....	40.24	40.44	40.29	40.21	.....	40.34	40.49	.....	.....
4	40.01	40.07	.....	40.17	40.36	40.29	40.21	.....	40.40	40.56	.....	.....
5	40.04	40.09	.....	40.16	40.27	40.07	40.20	.....	40.45	40.65	.....	.....
6	40.04	40.18	.....	40.13	40.23	40.05	40.17	.....	40.44	40.68	.....	.....
7	39.94	40.27	.....	40.42	40.38	40.25	40.13	.....	40.44	40.68	.....	.....
8	39.89	40.17	.....	40.50	40.33	40.16	40.17	.....	40.42	40.60	.....	.....
9	40.03	39.94	.....	40.29	40.37	40.17	40.18	.....	40.49	40.48	.....	.....
10	40.10	39.98	39.83	40.29	40.39	40.19	40.19	.....	40.52	40.39	.....	.....

52--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	40.14	40.30	39.82	40.47	40.27	40.18	40.21	.....	40.47	40.36	.....	.....
12	40.22	40.27	40.20	40.47	40.30	40.18	40.24	.....	40.44	40.41	.....	.....
13	40.07	39.95	40.41	40.37	40.33	40.18	40.23	.....	40.39	40.70	.....	.....
14	39.83	39.86	40.38	40.10	40.33	40.13	40.23	.....	40.44	40.76	.....	.....
15	40.00	40.11	40.46	40.39	40.34	40.15	40.24	.....	40.42	40.74	.....	.....
16	40.06	40.30	40.38	40.49	40.30	40.12	40.24	.....	40.40	40.61	.....	.....
17	40.12	40.22	40.20	40.31	40.34	40.18	40.24	.....	40.44	40.54	.....	.....
18	39.87	40.04	39.94	40.11	40.38	40.22	40.23	.....	40.39	40.60	.....	.....
19	39.83	40.07	40.15	40.19	40.37	40.22	40.22	.....	40.37	40.60	.....	.....
20	40.24	40.10	40.21	40.24	40.41	40.19	40.19	.....	40.44	40.50	.....	.....
21	40.25	40.23	40.15	40.30	40.32	40.08	40.20	.....	40.64	40.62	.....	.....
22	40.24	40.21	40.09	40.33	40.24	40.15	40.20	.....	40.57	40.65	.....	.....
23	40.00	40.28	40.10	40.28	40.38	40.16	.....	h40.51	40.45	40.65	.....	.....
24	39.98	40.15	39.97	40.24	40.40	40.14	.....	.....	40.49	40.57	.....	.....
25	39.98	40.04	40.23	40.24	40.38	40.14	.....	.....	40.52	40.56	.....	.....
26	40.20	40.02	40.33	40.17	40.17	40.18	.....	.....	40.49	.....	.....	.....
27	40.32	40.32	40.27	40.21	40.16	40.18	.....	.....	40.42	40.77	.....	.....
28	40.21	40.32	40.08	40.16	40.22	40.16	.....	.....	40.33	.....	.....	.....
29	40.04	.....	.....	40.09	40.26	40.18	.....	.....	40.44	.....	.....	.....
30	40.28	.....	.....	40.25	40.20	40.21	.....	.....	40.54	.....	.....	.....
31	40.25	.....	h40.39	.....	40.27	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

53. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, T. 9 N., R. 23 W. Driven unused water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 24 feet, cased to 24, screen 22-24. Highest water level 17.37 below lsd, Dec. 7, 1953; lowest dry July-Dec. 1954. Records available: 1953-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	18.18	Mar. 23	18.26	June 22	19.23	Sept. 21	(f)
Feb. 1	18.20	Apr. 23	18.75	July 21	(f)	Oct. 27	(f)
Mar. 1	18.07	May 26	18.49	Aug. 23	(f)	Nov. 30	(f)

f Dry.

Blaine County

1. Oklahoma City Water Department observation well E. NE $\frac{1}{4}$ sec. 27, T. 16 N., R. 12W. Jetted observation water-table well in alluvium, diameter 2 inches, depth 11 feet. Land-surface datum is 1,472.9 feet above msl. Highest water level 0.66 below lsd, Oct. 30, 1941; lowest 7.73 below lsd, Oct. 22, 1943. Records available: 1939-54. June 9, 5.10; July 27, 7.52; Dec. 2, 7.35.

3. U. S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 18 N., R. 13 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 12 feet, cased to 12, screen 10-12. Highest water level 2.44 below lsd, July 9, 1951; lowest 8.11 below lsd, July 31, 1954. Records available: 1951-54. June 9, 6.36; July 31, 8.11; Dec. 2, 7.91.

Caddo County

1. P. C. Haun. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 7 N., R. 12 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, depth 64 feet. Highest water level 47.93 below lsd, Mar. 30, 1948; lowest 54.35 below lsd, Dec. 17, 24, 1954. Records available: 1945-54.

Jan.	1	52.76	Apr. 2	53.35	July 9	53.65	Oct. 8	54.05
	8	52.69	9	53.31	16	53.73	15	54.17
	15	52.74	16	53.52	23	53.77	22	54.13
	23	53.19	23	53.40	30	53.79	29	54.19
	29	52.99	30	53.34	Aug. 6	53.74	Nov. 5	54.17
Feb.	5	53.04	May 7	53.45	13	53.78	12	54.21
	12	53.25	14	53.48	20	53.82	19	54.18
	19	52.73	21	53.48	27	53.80	26	53.93
	26	52.82	28	53.34	Sept. 3	53.84	Dec. 3	54.03
Mar.	4	53.22	June 11	53.56	10	53.97	10	54.23
	12	52.84	18	53.69	17	53.94	17	54.35
	19	53.05	25	53.69	24	53.95	24	54.35
	26	53.41	July 2	53.59	Oct. 1	54.02	31	54.25

2. U. S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 7 N., R. 12 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 17 feet, cased to 16. Highest water level 4.45 below lsd, June 30, 1951; lowest 16.12 below lsd, Oct. 30, 1954. Records available: 1947-54.

2--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	15.11	Apr. 29	14.67	Aug. 1	14.85	Oct. 30	16.12
28	15.22	May 30	6.00	29	15.45	Nov. 29	15.76
Mar. 28	15.09	June 27	12.49	Sept. 26	15.98		

3. U. S. Geol. Survey. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, T. 7 N., R. 13 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 18 feet, cased to 16. Highest water level 1.00 below lsd, May 26, 1951; lowest 17.90 below lsd, Aug. 31, 1953. Records available: 1947-53. Measurement discontinued.

4. James Avery. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 8 N., R. 12 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, reported depth 330 feet, cased to 12. Highest water level 15.12 below lsd, Mar. 24, 1948; lowest 23.05 below lsd, Aug. 19, 1950. Records available: 1948-54.

Jan. 1	19.76	Apr. 2	19.46	July 9	20.00	Oct. 8	21.72
8	19.73	9	19.42	16	20.26	15	21.86
15	19.71	16	19.52	23	20.44	22	21.92
23	19.82	23	19.32	30	20.49	29	21.97
29	19.70	30	19.43	Aug. 6	20.68	Nov. 5	21.83
Feb. 5	19.68	May 7	19.46	13	20.89	12	21.82
12	19.72	14	19.37	20	20.98	19	21.74
19	19.45	21	19.25	27	21.16	26	21.69
26	19.42	28	19.37	Sept. 3	21.13	Dec. 3	21.73
Mar. 4	19.60	June 11	19.26	10	21.42	10	21.70
12	19.53	18	19.44	17	21.45	17	21.66
19	19.57	25	19.59	24	21.63	24	21.72
26	19.60	July 2	19.82	Oct. 1	21.69	31	21.61

5. Harvey McAnally. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 9 N., R. 12 W. Drilled unused water-table well in Rush Springs sandstone, diameter 8 inches, depth 29 feet. Highest water level 14.05 below lsd, June 22, 1949; lowest 19.01 below lsd, Dec. 22, 1952. Records available: 1948-54.

Jan. 1	16.26	Apr. 2	15.98	July 9	16.88	Oct. 8	18.84
8	16.19	9	15.91	16	17.12	15	18.90
15	15.44	16	16.01	23	17.49	22	18.91
23	16.24	23	15.90	30	17.56	29	18.85
29	16.14	30	15.95	Aug. 6	17.62	Nov. 5	18.70
Feb. 5	16.09	May 7	15.95	13	17.90	12	18.58
12	16.18	14	15.83	20	17.04	26	18.45
19	15.97	21	15.76	27	18.23	Dec. 3	18.36
26	15.92	28	15.71	Sept. 3	18.34	10	18.14
Mar. 4	16.10	June 11	15.88	10	18.49	17	18.11
12	15.99	18	16.17	17	18.60	24	18.03
19	15.97	25	16.45	24	18.74	31	17.98
26	15.93	July 2	16.68	Oct. 1	18.86		

7. Clark Mooter. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 9 N., R. 12 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 8 inches, depth 40 feet. Highest water level 12.86 below lsd, Mar. 21, 1953; lowest 17.07 below lsd, Nov. 13, 1953. Records available: 1948-54. Measurement discontinued.

Jan. 1	14.45	Mar. 4	14.27	Apr. 30	14.14	July 2	15.02
8	14.46	12	14.18	May 7	14.17	9	15.14
15	14.38	19	14.29	14	14.08	16	15.45
23	14.35	26	14.17	21	14.05	23	15.60
29	14.31	Apr. 2	14.22	28	14.01	30	15.79
Feb. 5	14.21	9	14.20	June 11	14.36	Aug. 6	15.97
12	14.30	16	14.10	18	14.55	13	16.12
19	14.22	23	14.15	25	14.82	20	15.28
26	14.22						

11. Indian land, Ed S. Prather, tenant. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 8 N., R. 12 W. Drilled unused water-table well in Rush Springs sandstone, diameter 9 inches, depth 201 feet, cased to 4. Highest water level 53.42 below lsd, Mar. 16, 1950; lowest 57.91 below lsd, Oct. 29, 1954. Records available: 1948-54.

Jan. 29	56.92	Apr. 29	56.96	Aug. 27	57.44	Nov. 26	57.51
Feb. 26	56.58	June 26	57.41	Sept. 24	57.52	Dec. 31	57.47
Mar. 26	57.11	July 30	57.36	Oct. 29	57.91		

12. Fred Dinkler, Jr. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 7 N., R. 12 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 6 inches, reported depth 32 feet. Highest water level 10.90 below lsd, Oct. 1, 1950; lowest 24.12 below lsd, Oct. 30, 1954. Records available: 1948-54.

12--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	22.47	Apr. 29	22.22	Aug. 1	23.13	Oct. 30	24.12
28	22.34	May 30	21.99	29	23.70	Nov. 29	23.90
Mar. 28	22.29	June 26	22.10	Sept. 26	24.04		

14. U. S. Geol. Survey. SE. cor. sec. 28, T. 9 N., R. 13 W. Drilled observation water-table well in Rush Springs sandstone, diameter 8 inches, depth 335 feet, cased to 9. Highest water level 34.71 below lsd, Aug. 1, 13, 1949; lowest 39.87 below lsd, Oct. 29, 1954. Records available: 1948-54.

Jan. 29	38.92	Apr. 29	38.98	July 30	39.32	Oct. 29	39.87
Feb. 26	38.70	May 28	39.14	Aug. 27	39.33	Nov. 26	39.40
Mar. 26	39.06	June 26	39.20	Sept. 24	39.42	Dec. 31	39.53

15. Fred Dinkler, Jr. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 7 N., R. 12 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, depth 30 feet. Highest water level 15.52 below lsd, June 21, 1949; lowest 22.48 below lsd, Aug. 31, 1952. Records available: 1948-53. Measurement discontinued.

16. Joe Dees. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 9 N., R. 12 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, depth 37 feet. Highest water level 24.78 below lsd, June 21, 1949; lowest 30.40 below lsd, Oct. 29, 1954. Records available: 1948-54.

Jan. 1	27.58	Apr. 2	27.19	July 9	27.37	Oct. 8	30.15
8	27.52	9	27.14	16	27.62	15	30.28
15	27.52	16	27.17	23	27.81	22	30.35
23	27.52	23	27.03	30	28.09	29	30.40
29	27.41	30	27.05	Aug. 6	27.30	Nov. 5	30.26
Feb. 5	27.43	May 7	27.01	13	28.57	12	30.19
12	27.43	14	26.87	20	28.69	26	29.87
19	27.27	21	26.74	27	29.06	Dec. 3	29.87
26	27.18	28	26.62	Sept. 3	29.25	10	29.80
Mar. 4	27.36	June 11	26.49	10	29.53	17	29.77
12	27.24	18	26.67	17	29.66	24	29.72
19	27.27	25	26.93	24	29.90	31	29.58
26	27.29	July 2	27.19	Oct. 1	30.03		

19. Westidge. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 9 N., R. 13 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 6 inches, depth 25 feet. Highest water level 12.06 below lsd, June 22, 1949; lowest 18.80 below lsd, Sept. 10, 1954. Records available: 1949-54. Measurement discontinued.

Jan. 1	15.78	Mar. 12	16.18	May 21	15.02	Aug. 6	16.80
8	15.58	19	15.43	28	14.64	13	16.94
15	16.18	26	15.39	June 11	14.74	20	16.13
23	16.26	Apr. 2	15.48	18	15.02	27	17.28
29	15.35	9	15.36	26	15.65	Sept. 3	18.34
Feb. 5	15.70	16	15.19	July 2	15.59	10	18.80
12	15.23	23	15.39	9	15.92	17	17.55
19	15.23	30	15.42	16	16.11	24	18.55
26	15.30	May 7	15.30	23	16.63	Oct. 1	17.62
Mar. 4	15.30	14	15.13	30	16.74		

35. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 8 N., R. 12 W. Drilled observation water-table well in Rush Springs sandstone, diameter 1 $\frac{1}{2}$ inches, depth 50 feet, cased to 10. Highest water level 7.43 below lsd, May 19, 1951; lowest 13.93 below lsd, Sept. 13, 1952. Records available: 1949-54.

Jan. 1	9.00	Apr. 2	8.69	July 9	10.99	Oct. 8	12.86
8	8.93	9	8.89	16	11.38	15	12.80
15	8.95	16	8.64	23	11.50	22	12.66
23	8.95	23	8.92	30	11.92	29	12.39
29	8.84	30	8.92	Aug. 6	12.04	Nov. 5	12.14
Feb. 5	8.85	May 7	8.91	13	12.27	12	11.95
12	8.90	14	8.24	20	12.49	19	11.75
19	8.69	21	8.64	27	12.64	26	11.59
26	8.73	28	8.42	Sept. 3	12.78	Dec. 3	11.47
Mar. 4	8.84	June 11	9.67	10	12.90	10	11.32
12	8.80	18	10.05	17	13.02	17	11.22
19	8.84	25	10.56	24	13.13	24	11.12
26	8.65	July 2	10.82	Oct. 1	13.10	31	10.98

39. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 8 N., R. 12 W. Drilled observation water-table well in Rush Springs sandstone, diameter 1 $\frac{1}{2}$ inches, depth 70 feet. Highest water level 20.07 below lsd, June 23, 1949; lowest 25.20 below lsd, July 10, 1953. Records available: 1949-54. Measurement discontinued.

39--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 30	22.99	May 14	22.71	May 28	22.64	June 18	23.16
May 7	22.83	May 21	22.75	June 11	22.90	June 25	23.43

40. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 8 N., R. 12 W. Drilled observation water-table well in Rush Springs sandstone, diameter 1 $\frac{1}{2}$ inches, depth 31 feet. Highest water level 24.85 below lsd, June 23, 1949; lowest 27.82 below lsd, Jan. 17, 1953. Records available: 1949-54. Measurement discontinued.

June 25	26.25	July 23	26.47	Aug. 13	26.84	Sept. 3	27.15
July 2	26.26	30	26.62	20	26.94	10	27.23
9	26.30	Aug. 6	26.70	27	27.03	17	27.28
16	26.40						

43. Lloyd Rader. NE. cor. sec. 33, T. 10 N., R. 11 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, reported depth 78 feet, cased to 10. Highest water level 37.98 below lsd, June 30, 1951; lowest 42.45 below lsd, Dec. 31, 1954. Records available: 1949-54.

Jan. 29	41.18	Apr. 29	41.31	Aug. 27	41.96	Nov. 26	42.40
Feb. 26	41.09	May 28	41.24	Sept. 24	42.20	Dec. 31	42.45
Mar. 26	41.32	July 30	41.74	Oct. 29	42.43		

73. U. S. Geol. Survey. NE $\frac{1}{4}$ sec. 18, T. 7 N., R. 9 W. Driven unused water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, steel casing. Highest water level 12.69 below lsd, June 19, 1952; lowest 17.25 below lsd, Dec. 23, 1954. Records available: 1952-54.

Jan. 30	15.95	Apr. 28	16.05	July 23	15.76	Oct. 30	16.82
Feb. 20	15.91	May 29	15.82	Aug. 25	16.27	Dec. 23	17.25
Mar. 27	15.93	June 21	15.60				

82. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 7 N., R. 9 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 24 feet. Highest water level 15.15 below lsd, May 29, 1954; lowest 16.93 below lsd, Sept. 25, 1953. Records available: 1952-54.

Feb. 20	15.50	May 29	15.15	July 23	16.53	Oct. 30	16.52
Mar. 27	15.58	June 21	15.62	Aug. 25	16.67	Dec. 23	16.65
Apr. 28	16.00						

Canadian County

2. Oklahoma City Water Department observation well B. NW $\frac{1}{4}$ sec. 33, T. 13 N., R. 7 W. Jetted observation water-table well in alluvium, diameter 2 inches, depth 23 feet, cased to 23. Land-surface datum is 1,309.27 feet above msl. Highest water level 4.92 below lsd, July 9, 1951; lowest 22.65 below lsd, Oct. 26, 1954. Records available: 1939-54. June 11, 9.36; Oct. 26, 22.65.

RFC3. U. S. Geol. Survey. SW. cor. sec. 1, T. 13 N., R. 9 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 9 feet, cased to 9, screen 7-9. Land-surface datum is 1,358.09 feet above msl. Highest water level 0.17 below lsd, May 28, 1941; lowest 8.23 below lsd, Dec. 15, 1939. Records available: 1939-44, 1946-54. June 11, 4.32; Oct. 27, 7.95; Dec. 2, 7.09.

RFC4. U. S. Geol. Survey. NE. cor. sec. 17, T. 14 N., R. 10 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 12 feet, cased to 12, screen 10-12. Land-surface datum is 1,412.32 feet above msl. Highest water level 0.44 below lsd, July 9, 1951; lowest 9.14 below lsd, Dec. 15, 1939. Records available: 1939-54. June 11, 3.46; Oct. 27, 8.40; Dec. 2, 8.53.

10. Alex Hufnagel. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 13 N., R. 9 W. Dug unused water-table well in alluvium, diameter 36 inches, depth 37 feet. Land-surface datum is 1,427.66 feet above msl. Highest water level 13.57 below lsd, May 29, 1942; lowest 26.29 below lsd, Apr. 12, 1950. Records available: 1941-54. June 11, 24.49; Oct. 27, 26.14.

13. J. R. Brannon. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 13 N., R. 9 W. Drilled unused water-table well in rocks of Permian age, diameter 6 inches, depth 51 feet. Land-surface datum is 1,380.68 feet above msl. Highest water level 2.17 below lsd, May 25, 1949; lowest 10.88 below lsd, Oct. 24, 1954. Records available: 1941-54. June 11, 7.44; Oct. 24, 10.88.

82. Ryba Jacob. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 12 N., R. 6 W. Drilled unused water-table well in rocks of Permian age, diameter 6 inches, depth 34 feet. Land-surface datum is 1,296.42 feet above msl. Highest water level 19.73 below lsd, May 14, 1946; lowest 24.85 below lsd, Nov. 5, 1941. Records available: 1941-54. June 11, 23.51; Oct. 26, 24.75.

85. W. L. Towe. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 12 N., R. 5 W. Drilled unused water-table well in rocks of Permian age, diameter 7 inches, depth 66 feet, cased to 66. Land-surface datum is 1,272.58 feet above msl. Highest water level 5.87 below lsd, May 31, 1951; lowest 17.61 below lsd, Nov. 6, 1941. Records available: 1941-54. June 11, 9.27; Oct. 26, 14.29.

G4. U. S. Geol. Survey. NE. cor. sec. 8, T. 13 N., R. 9 W. Driven observation water-table well in alluvial clay, diameter $\frac{3}{4}$ inch, depth 19 feet, cased to 19, screen 17-19. Land-surface datum is 1,385.0 feet above msl. Highest water level 4.68 below lsd, June 23, 1942; lowest 15.83 below lsd, Oct. 27, 1953. Records available: 1942-54. June 11, 13.85; Oct. 27, 15.42.

G6. U. S. Geol. Survey. SE. cor. sec. 8, T. 12 N., R. 5 W. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 12 feet, cased to 12, screen 9-12. Land-surface datum is 1,262.14 feet above msl. Highest water level 3.50 below lsd, Feb. 25, 1946; lowest dry, Nov. 28, Dec. 22, 1954. Records available: 1942-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	8.86	Apr. 30	9.50	July 28	10.00	Oct. 25	10.15
Feb. 19	8.99	May 28	8.55	Aug. 30	10.09	Nov. 28	(f)
Mar. 20	9.19	June 28	9.62	Sept. 27	10.12	Dec. 22	(f)

f Dry.

G8. U. S. Geol. Survey. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 13 N., R. 7 W. Driven observation water-table well in alluvial sandy clay, diameter $\frac{3}{4}$ inch, depth 19 feet, cased to 19, screen 17-19. Land-surface datum is 1,314.63 feet above msl. Highest water level 12.00 below lsd, Sept. 14, 1951; lowest 15.09 below lsd, Mar. 13, 1944, May 23, 1949. Records available: 1942-54. June 11, 13.48; Oct. 26, 14.28.

G13. U. S. Geol. Survey. SW. cor. sec. 14, T. 14 N., R. 10 W. Drilled observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 15 feet, cased to 15, screen 13-15. Land-surface datum is 1,401.21 feet above msl. Highest water level 3.12 below lsd, June 23, 1942; lowest 9.54 below lsd, Oct. 27, 1954. Records available: 1942-54. June 11, 8.29; Oct. 27, 9.54.

G14. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 14 N., R. 10 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 25 feet, cased to 25, screen 23-25. Land-surface datum is 1,405.78 feet above msl. Highest water level 11.46 below lsd, June 23, 1942; lowest 18.72 below lsd, Oct. 27, 1954. Records available: 1942-54. June 11, 18.41; Oct. 27, 18.72.

G17. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 14 N., R. 9 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 14 feet, cased to 14, screen 12-14. Land-surface datum is 1,385.0 feet above msl. Highest water level 7.51 below lsd, June 23, 1942; lowest 13.90 below lsd, Oct. 27, 1954. Records available: 1942-54. June 11, 13.34; Oct. 27, 13.90.

G18. U. S. Geol. Survey. NW. cor. sec. 11, T. 13 N., R. 9 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 33 feet, cased to 33, screen 31-33. Land-surface datum is 1,378.56 feet above msl. Highest water level 15.90 below lsd, June 23, 1942; lowest 21.15 below lsd, Oct. 28, 1952. Records available: 1942-52. Measurement discontinued.

G20. U. S. Geol. Survey. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 12 N., R. 6 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 25 feet, cased to 25, screen 22-24. Land-surface datum is 1,274.70 feet above msl. Highest water level 5.16 below lsd, May 31, 1951; lowest 13.85 below lsd, Oct. 26, 1954. Records available: 1942-54. June 11, 9.07; Oct. 26, 13.85.

G24. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 12 N., R. 6 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 14 feet, cased to 14, screen 12-14. Land-surface datum is 1,285.38 feet above msl. Highest water level 2.69 below lsd, May 31, 1951; lowest 8.40 below lsd, Oct. 20, 1953. Records available: 1942-54. June 11, 6.76.

G27. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 14 N., R. 10 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 11 feet, cased to 11, screen 9-11. Land-surface datum is 1,392.84 feet above msl. Highest water level 0.25 below lsd, May 25, 1949; lowest 9.93 below lsd, Aug. 19, 1946. Records available: 1942-54. June 11, 8.03; Oct. 27, 9.21.

G28. U. S. Geol. Survey. SE. cor. sec. 23, T. 13 N., R. 8 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 25 feet, cased to 25, screen 23-25. Land-surface datum is 1,335.90 feet above msl. Highest water level 15.86 below lsd, July 23, 1943; lowest 22.93 below lsd, Oct. 27, 1954. Records available: 1942-54. June 11, 19.96; Oct. 27, 22.93.

G29. U. S. Geol. Survey. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 13 N., R. 8 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 12 feet, cased to 12, screen 8-10. Land-surface datum is 1,339.29 feet above msl. Highest water level 1.48 below lsd, May 23, 1949; lowest 9.41 below lsd, Oct. 27, 1953. Records available: 1942-53. Measurement discontinued.

G30. U. S. Geol. Survey. SW cor. sec. 36, T. 14 N., R. 9 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 10 feet, cased to 10, screen 8-10. Land-surface datum is 1,363.79 feet above msl. Highest water level 4.21 below lsd, May 23, 1949; lowest 14.36 below lsd, Oct. 27, 1954. Records available: 1942-47, 1949-54. June 11, 12.66; Oct. 27, 14.36.

G32. U. S. Geol. Survey. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 13 N., R. 8 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 8 feet, cased to 8, screen 6-8. Land-surface datum is 1,334.31 feet above msl. Highest water level 2.77 below lsd, June 23, 1942; lowest 8.10 below lsd, Oct. 27, 1954. Records available: 1942-54. June 11, 7.86; Oct. 27, 8.10.

G36. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 12 N., R. 6 W. Drilled observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 15 feet, cased to 15, screen 13-15. Land-surface datum is 1,274.19 feet above msl. Highest water level 5.12 below lsd, May 31, 1951; lowest dry, Oct. 24, 1954. Records available: 1942-54. June 11, 9.07; Oct. 24, dry.

G44. U. S. Geol. Survey. NW cor. sec. 28, T. 14 N., R. 10 W. Driven observation water-table well in clay, diameter $\frac{3}{4}$ inch, depth 19 feet, cased to 19. Land-surface datum is 1,412.29 feet above msl. Highest water level 10.02 below lsd, July 28, 1942, May 25, 1949; lowest dry, Oct. 27, 1954. Records available: 1942-54. June 11, 12.84; Oct. 27, dry.

G49. U. S. Geol. Survey. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 12 N., R. 7 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 27 feet, cased to 27, screen 25-27. Land-surface datum is 1,304.39 feet above msl. Highest water level 15.68 below lsd, Sept. 14, 1951; lowest 20.07 below lsd, Oct. 28, 1954. Records available: 1942-54. June 11, 18.15; Oct. 28, 20.07.

G52. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 12 N., R. 5 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 15 feet, cased to 15, screen 13-15. Land-surface datum is 1,263.45 feet above msl. Highest water level 1.40 below lsd, July 9, 1951; lowest 10.09 below lsd, Apr. 30, 1953. Records available: 1942-46, 1947-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	6.87	Apr. 30	7.08	July 28	7.08	Oct. 25	8.62
Feb. 19	6.88	May 28	6.82	Aug. 30	7.24	Nov. 28	9.29
Mar. 20	6.96	June 28	6.86	Sept. 27	8.08	Dec. 22	9.67

G53. U. S. Geol. Survey. SW $\frac{1}{4}$ sec. 3, T. 10 N., R. 7 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 12 feet, cased to 12, screen 10-12. Highest water level 2.91 below lsd, July 29, 1950; lowest 10.30 below lsd, Nov. 28, 1954. Records available: 1946-54.

Jan. 30	7.73	Apr. 28	8.20	July 23	9.22	Oct. 25	10.20
Feb. 20	7.81	May 29	6.61	Aug. 30	9.30	Nov. 28	10.30
Mar. 27	7.98	June 29	8.40	Sept. 27	10.25	Dec. 22	10.23

Choctaw County

1. Wortham's Bakery. Formerly Rose Lawn Creamery. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 6 S., R. 17 E. Drilled unused artesian well in sand of Trinity group, diameter 8 inches, depth 282 feet. Highest water level 111.05 below lsd, Dec. 21, 1944; lowest 129.62 below lsd, July 31, 1954. Records available: 1944, 1950-54.

Jan. 28	123.68	Apr. 24	122.65	July 31	129.62	Oct. 24	121.92
Feb. 25	122.82	May 27	120.63	Aug. 28	127.33	Nov. 26	122.59
Mar. 30	123.18	June 29	125.25	Sept. 26	125.70		

Cimarron County

129. George Camilli. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2, T. 2 N., R. 2 E. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 179 feet, cased to 179. Land-surface datum is 4,553 feet above msl. Highest water level 158.01 below lsd, June 8, 1954; lowest 167.80 below lsd, Apr. 22, 1939. Records available: 1939-54. June 8, 158.01.

156. U. S. Geol. Survey. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 2 N., R. 5 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 9 feet, screen 6-8. Highest water level 4.18 below lsd, May 16, 1949; lowest 6.60 below lsd, June 8, 1954. Records available: 1946-54. June 8, 6.60.

224. Walter R. Wood. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 3 N., R. 1 E. Drilled unused water-table well in Dakota sandstone, diameter 5 inches, depth 156 feet, cased to 156. Land-surface datum is 4,741 feet above msl. Highest water level 127.19 below lsd, June 8, 1954; lowest 138.24 below lsd, July 21, 1938. Records available: 1938-54. June 8, 127.19.

275. O. A. Showalter. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 3 N., R. 5 E. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 154 feet, cased to 154. Land-surface datum is 4,156 feet above msl. Highest water level 145.95 below lsd, Apr. 23, 1943; lowest 147.02 below lsd, May 23, 1950. Records available: 1938-54. June 8, 146.34.

276. Atchison, Topeka & Santa Fe RR. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 3 N., R. 5 E. Drilled stock water-table well in Ogallala formation, diameter 6 inches, depth 163 feet, cased to 153. Land-surface datum is 4,143 feet above msl. Highest water level 133.06 below lsd, May 22, 1952; lowest 139.10 below lsd, June 8, 1954. Records available: 1938-44, 1946-52, 1954. June 8, 139.10.

286. L. J. French. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 3 N., R. 5 E. Drilled unused water-table well in Ogallala formation, diameter 16 inches, reported depth 304 feet. Highest water level 158.93 below lsd, May 29, 1953; lowest 159.25 below lsd, June 8, 1954. Records available: 1951-54. June 8, 159.25.

313. E. J. Behrendt. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, T. 3 N., R. 7 E. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 61 feet, perforations 41-61. Land-surface datum is 3,954 feet above msl. Highest water level 35.40 below lsd, May 21, 1952; lowest 46.96 below lsd, Jan. 23, 1941. Records available: 1938-54. June 8, 37.99.

435. B. J. Wiggins. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 4 N., R. 8 E. Drilled unused water-table well in Ogallala formation, depth 213 feet, cased to 213. Land-surface datum is 3,878 feet above msl. Highest water level 134.70 below lsd, May 21, 1952; lowest 138.08 below lsd, Nov. 23, 1939. Records available: 1938-54. June 8, 136.13.

516. State of Oklahoma. SE $\frac{1}{4}$ sec. 34, T. 5 N., R. 5 E. Drilled unused water-table well in Morrison formation, diameter 9 inches, depth 103 feet. Highest water level 5.04 below lsd, Apr. 26, 1944; lowest 28.69 below lsd, Sept. 29, 1939. Records available: 1939-54. May 17, 8.08.

610. A. S. Parker. NW $\frac{1}{4}$ sec. 21, T. 6 N., R. 5 E. Drilled unused water-table well in Morrison formation, diameter 9 inches, depth 74 feet. Highest water level 27.59 below lsd, May 11, 1945; lowest 35.14 below lsd, Apr. 2, 1941. Records available: 1938-54. May 17, 34.70.

660. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 5 N., R. 5 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 10 feet, screen 8-10. Highest water level 4.11 below lsd, Apr. 26, 1947; lowest 6.04 below lsd, Oct. 21, 1947. Records available: 1946-54. May 17, 5.60.

Cleveland County

1. Mrs. Elizabeth E. Taylor. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28, T. 10 N., R. 3 W. Dug unused stock well in terrace deposits, diameter 18 inches, depth 24 feet. Highest water level 0.74 below lsd, May 28, 1951; lowest 14.88 below lsd, Feb. 3, 1940. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	10.08	Apr. 29	10.97	July 26	9.42	Nov. 29	11.70
Feb. 18	10.46	May 28	5.93	Aug. 26	10.17	Dec. 22	12.00
Mar. 19	10.43	June 25	8.55	Oct. 29	11.27		

4. City of Norman. Daws St. and Santa Fe Ave., in city park. Drilled unused artesian well in Garber sandstone, diameter 10 to 8 inches, depth 643 feet, cased to 300. Land-surface datum is 1,164.07 feet above msl. Highest water level 211.58 below lsd, Mar. 23, 1940; lowest 356.73 below lsd, Aug. 19, 1943, Aug. 19, 1944. Records available: 1940, 1942-54.

Jan. 4	308.71	Mar. 1	283.23	Apr. 26	285.07	June 21	288.49
11	308.84	8	280.39	May 3	295.37	28	301.23
18	307.51	15	290.93	10	296.20	July 6	306.18
25	307.79	22	294.57	17	295.81	12	310.40
Feb. 1	308.44	29	286.11	24	290.48	19	313.33
8	309.01	Apr. 5	298.98	31	290.07	26	326.25
15	306.64	12	295.55	June 7	297.28	Aug. 2	320.92
22	290.82	19	285.87	14	295.46	9	320.03

4--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 16	328.86	Sept. 20	334.09	Oct. 27	316.38	Nov. 22	312.34
23	331.87	Oct. 6	319.42	Nov. 1	315.22	29	310.87
30	331.15	11	317.65	8	315.00	Dec. 6	309.99
Sept. 9	342.83	18	312.73	15	310.02	22	304.81
13	334.49						

5. F. W. Goldsby. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 9 N., R. 1 W. Drilled unused artesian well in Garber sandstone, diameter 8 to 7 inches, depth 400 feet, perforations 250-345, 355-400. Land-surface datum is 1,174 feet above msl. Highest water level 129.33 below lsd, Dec. 6, 1941; lowest 154.40 below lsd, Nov. 30, 1944. Records available: 1940-54.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	149.54	148.84	148.22	147.76	147.02	.....	146.66	148.08	150.17	.....	152.64	152.14
2	149.56	148.81	148.39	147.62	147.11	.....	146.67	148.11	150.22	.....	152.64	152.12
3	149.56	148.68	148.48	147.62	147.14	.....	146.69	148.18	150.25	.....	152.50	151.97
4	149.45	148.68	148.45	147.56	147.02	.....	146.71	148.24	150.31	.....	152.53	151.90
5	149.46	148.69	148.37	147.44	146.94	.....	146.71	148.30	150.39	.....	152.54	152.00
6	149.45	148.70	148.29	147.43	146.84	.....	146.72	148.36	150.44	.....	152.41	152.04
7	149.38	148.74	148.20	147.56	146.88	.....	146.75	148.45	150.49	.....	152.44	151.97
8	149.23	148.67	148.20	147.60	146.87	.....	146.79	148.58	150.55	.....	152.47	151.78
9	149.26	148.49	148.07	147.49	146.84	.....	146.82	148.65	150.63	.....	152.46	151.92
10	149.33	148.39	147.91	147.46	146.84	.....	146.85	148.71	150.72	.....	152.48	151.92
11	149.37	146.65	147.85	147.56	146.74	.....	146.91	148.73	150.76	.....	152.47	151.83
12	149.41	148.65	147.98	147.56	146.61	.....	146.98	148.80	150.80	.....	152.41	151.79
13	149.36	148.51	148.18	147.55	146.61	.....	147.02	148.88	150.83	.....	152.30	151.84
14	149.18	148.36	148.10	147.29	146.59	.....	147.07	148.97	150.89	.....	152.29	152.77
15	149.17	148.37	148.26	147.38	146.57	.....	147.11	149.06	150.92	.....	152.24	151.72
16	149.20	148.54	148.24	147.43	146.48	.....	147.19	149.10	150.98	.....	152.16	151.69
17	149.21	148.54	148.12	147.34	146.46	.....	147.21	149.16	151.01	.....	152.14	151.66
18	149.10	148.43	147.90	147.24	146.41	.....	147.25	149.21	151.04	152.34	.....	151.66
19	148.98	148.26	147.89	147.25	146.38	.....	147.29	149.28	151.07	152.42	.....	151.70
20	149.13	.....	148.96	147.30	146.38	.....	147.34	149.35	151.19	152.40	.....	151.70
21	149.14	.....	148.91	147.28	146.30	.....	147.40	149.43	.....	152.37	.....	151.67
22	149.14	148.33	147.76	147.29	146.23	.....	147.47	149.56	.....	152.47	.....	151.59
23	149.02	146.38	147.77	147.26	146.22	.....	147.52	149.57	.....	152.48	.....	151.59
24	148.88	148.32	147.69	147.24	146.21	.....	147.58	149.69	.....	152.46	152.16	151.56
25	148.88	148.21	147.74	147.23	146.15	146.35	147.65	149.68	.....	152.42	152.15	151.59
26	148.95	148.18	147.78	147.13	146.07	.....	147.73	149.72	.....	152.56	152.03	151.52
27	149.01	148.31	147.76	147.17	146.05	.....	147.77	149.83	.....	152.57	152.04	151.46
28	149.01	148.31	147.67	147.08	146.03	.....	147.81	149.94	.....	152.51	152.04	151.48
29	148.86	.....	147.65	147.04	146.09	.....	147.90	149.94	.....	152.52	152.12	151.37
30	148.92	.....	147.67	147.02	146.05	146.60	147.96	150.04	.....	152.54	152.07	151.38
31	148.92	.....	147.76	.....	146.08	.....	148.02	150.12	.....	152.53	.....	151.29

h Tape measurement.

8. Town of Noble. SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 8 N., R. 2 W. Drilled unused artesian well in Garber sandstone, diameter 12 to 8 inches, depth 461 feet, perforations 235-245, 360-370, and 415-455. Highest water level 165.43 below lsd, July 7, 1943; lowest 221.74 below lsd, Dec. 23, 1948. Records available: 1943-54. June 4, 207.33; July 27, 191.89; Aug. 31, 209.35; Sept. 22, 198.35; Dec. 1, 207.45; Dec. 23, 207.14.

10. University of Oklahoma well no. 2. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 9 N., R. 2 W. Drilled unused artesian well in Garber sandstone, diameter 10 to 6 inches, depth 650 feet, cased to 550. Highest water level 241.39 below lsd, May 10, 1954; lowest 359.99 below lsd, Apr. 29, Aug. 19, 1944. Records available: 1940, 1942-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	251.21	Apr. 5	246.06	July 5	248.85	Oct. 4	260.86
11	250.89	12	245.85	12	250.29	11	260.53
18	248.75	19	242.60	19	253.03	18	257.04
25	247.67	26	244.67	27	256.28	Nov. 1	250.92
Feb. 1	247.21	May 3	242.27	Aug. 2	256.43	8	255.24
8	249.16	10	241.39	9	256.83	15	251.97
15	251.81	17	244.17	16	258.34	22	250.95
22	251.63	24	245.52	23	257.72	29	253.53
Mar. 1	249.27	31	243.42	30	260.28	Dec. 6	253.89
8	247.16	June 7	244.36	Sept. 6	260.97	13	250.84
15	246.97	14	245.82	13	261.77	20	250.87
22	246.51	21	246.06	20	262.56	27	250.96
29	245.08	28	246.39				

11. Mid-Continent Petroleum Co. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 10 N., R. 3 W. Drilled oil field supply artesian well in Garber sandstone, diameter 8 to 7 inches, reported depth 511 feet, cased to 511. Highest water level 152.67 below lsd, Feb. 12, 1944; lowest 217.24 below lsd, Nov. 29, 1954. Records available: 1944-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	201.16	Apr. 29	203.59	July 26	209.30	Nov. 29	217.24
Feb. 18	201.55	May 28	203.48	Aug. 26	213.07	Dec. 22	214.14
Mar. 19	202.08	June 25	204.30	Oct. 29	214.75		

12. Dave Price. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 9 N., R. 3 W. Drilled unused artesian well in Garber sandstone, diameter 11 to 9 inches, depth 625 feet, cased to 468. Highest water level 143.17 below lsd, Oct. 5, 1945; lowest 182.03 below lsd, Dec. 22, 1954. Records available: 1945-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	173.99	Apr. 29	174.07	July 26	175.30	Nov. 29	181.67
Feb. 18	173.71	May 28	173.86	Aug. 26	176.55	Dec. 22	182.03
Mar. 19	173.91	June 25	174.40	Oct. 22	180.22		

14. U. S. Geol. Survey. NE. cor. sec. 29, T. 9 N., R. 3 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 12 feet, screen 10-12. Highest water level 1.04 below lsd, June 2, 1947; lowest 10.62 below lsd, Nov. 29, 1954. Records available: 1946-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	9.61	Apr. 29	9.67	July 26	10.00	Nov. 29	10.62
Feb. 18	9.29	May 28	8.59	Aug. 26	10.22	Dec. 22	10.60
Mar. 19	9.25	June 25	9.22	Oct. 29	10.39		

15. U. S. Geol. Survey. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 6 N., R. 1 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 23 feet, screen 21-23. Highest water level 2.97 below lsd, June 24, 1947; lowest 11.10 below lsd, Oct. 29, 1954. Records available: 1947-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21	7.54	Apr. 27	7.75	July 27	9.21	Oct. 29	11.10
Feb. 18	7.43	May 26	5.95	Aug. 26	10.58	Nov. 28	11.06
Mar. 19	7.48	June 25	7.58	Sept. 22	10.95	Dec. 23	10.98

Comanche County

2. Minnie Taylor and others. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 2 N., R. 12 W. Dug unused water-table well in alluvium, diameter 36 inches, depth 9 feet. Highest water level 5.29 below lsd, Nov. 17, 1950; lowest 10.90 below lsd, Oct. 23, 1953. Records available: 1947-54. June 25, 5.46.

Ellis County

1. Patrica E. Robertson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 18 N., R. 24 W. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 47 feet, cased to 47. Highest water level 36.88 below lsd, Oct. 29, 1949; lowest 39.40 below lsd, Dec. 3, 1954. Records available: 1946-54. June 9, 39.06; Dec. 3, 39.40.

2. Dorothy B. Shrewder. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, T. 18 N., R. 24 W. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 52 feet, cased to 52. Highest water level 40.92 below lsd, May 31, 1952; lowest 43.12 below lsd, Aug. 28, 1947. Records available: 1946-47, 1949-52. No measurement made in 1954.

4. J. Q. Tefertiller. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 19 N., R. 25 W. Drilled stock water-table well in Ogallala formation, diameter 6 inches, depth 42 feet, cased to 42. Highest water level 24.66 below lsd, Oct. 27, 1951; lowest 28.14 below lsd, Oct. 30, 1946. Records available: 1946-54. June 9, 26.25; Dec. 3, 26.33.

7. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 21 N., R. 25 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 13 feet, cased to 13, screen 11-13. Highest water level 5.99 below lsd, July 14, 1951; lowest 9.62 below lsd, Oct. 13, 1953. Records available: 1951-54. June 9, 7.79; Dec. 3, 9.18.

8. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, T. 24 N., R. 25 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 20 feet, cased to 20, screen 18-20. Highest water level 9.30 below lsd, July 14, 1951; lowest 10.56 below lsd, Oct. 13, 1953. Records available: 1951-54. June 9, 10.25; Dec. 3, 10.39.

9. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 16 N., R. 24 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 28 feet, cased to 28, screen 26-28. Highest water level 12.48 below lsd, Mar. 31, 1952; lowest 19.91 below lsd, Oct. 30, 1952. Records available: 1951-53. Measurement discontinued.

Garfield County

2. City of Enid. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 21 N., R. 8 W. Drilled unused artesian and water-table well in rocks of Permian age and terrace deposit, diameter 8 inches, depth 122 feet, cased to 20. Land-surface datum is 1,238.5 feet above msl. Highest water level 5.18 below lsd, July 10, 1951; lowest 34.49 below lsd, Oct. 28, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	19.56	Apr. 26	28.10	July 26	34.04	Oct. 28	34.49
Feb. 25	31.47	May 24	31.73	Aug. 27	33.57	Nov. 29	34.00
Mar. 22	30.66	June 28	33.11	Sept. 20	34.03		

3. R. Munkres. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 21 N., R. 8 W. Dug stock water-table well in alluvium, diameter 36 inches, depth 11 feet. Land-surface datum is 1,207.7 above msl. Highest water level 2.49 below lsd, Feb. 28, 1951; lowest 9.08 below lsd, Oct. 28, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	6.93	Apr. 26	7.23	Aug. 27	8.59	Oct. 28	9.08
Feb. 25	7.00	June 28	7.59	Sept. 20	8.83	Nov. 29	8.95
Mar. 22	6.88	July 26	8.16				

4. H. W. Dierksen. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 21 N., R. 8 W. Dug unused water-table well in alluvium, diameter 36 inches, depth 13 feet. Land-surface datum is 1,215.8 feet above msl. Highest water level 1.28 below lsd, Feb. 28, 1951; lowest 12.72 below lsd, Nov. 25, 1952. Records available: 1950-52. Measurement discontinued.

6. Dierksen. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 21 N., R. 8 W. Dug stock water-table well in terrace deposit, diameter 24 inches, depth 22 feet. Land-surface datum is 1,233.5 feet above msl. Highest water level 8.13 below lsd, July 10, 1951; lowest 24.11 below lsd, Nov. 25, 1952. Records available: 1950-52. Measurement discontinued.

7. Paul Gregory. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 21 N., R. 8 W. Drilled unused water-table well in terrace deposit, diameter 6 inches, depth 27 feet. Land-surface datum is 1,245.6 feet above msl. Highest water level 11.20 below lsd, May 27, 1952; lowest 18.21 below lsd, Oct. 28, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	14.70	Apr. 26	14.66	July 26	16.90	Oct. 28	18.21
Feb. 25	14.59	May 24	14.92	Aug. 26	17.63	Nov. 29	17.06
Mar. 22	14.56	June 28	16.03	Sept. 20	18.13		

8. City of Enid. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 66 feet, cased to 66. Highest water level 56.39 below lsd, Sept. 21, 1954; lowest 57.46 below lsd, Oct. 2, 1950, Mar. 1, 1951. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	56.83	Apr. 27	56.80	July 27	56.82	Oct. 29	56.86
Feb. 26	56.78	May 25	56.79	Aug. 27	56.80	Nov. 30	56.87
Mar. 23	56.78	June 29	56.82	Sept. 21	56.39		

9. City of Enid. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 28, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 59 feet, cased to 59. Highest water level 49.10 below lsd, Mar. 7, 1950; lowest 49.90 below lsd, Apr. 27, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	49.43	Apr. 27	49.90	Aug. 27	49.38	Oct. 29	49.40
Feb. 26	49.58	June 29	49.40	Sept. 21	49.39	Nov. 30	49.39
Mar. 23	49.40	July 27	49.36				

10. City of Enid. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 48 feet, cased to 48. Highest water level 34.88 below lsd, Mar. 7, 1950; lowest 38.36 below lsd, Dec. 5, 1951. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	35.82	Apr. 27	35.85	July 27	35.89	Oct. 29	35.96
Feb. 26	35.83	May 25	35.87	Aug. 27	35.93	Nov. 30	35.11
Mar. 23	35.69	June 29	35.89	Sept. 21	35.94		

11. City of Enid. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 23 N., R. 7 W. Drilled public-supply water-table well in terrace deposit, diameter 24 inches, depth 23 feet, cased to 23. Highest water level 5.78 below lsd, July 10, 1951; lowest 11.20 below lsd, Oct. 29, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	9.42	Apr. 27	9.53	July 27	10.67	Oct. 29	11.20
Feb. 26	9.64	May 25	9.60	Aug. 27	10.79	Nov. 30	11.10
Mar. 23	9.69	June 29	10.10	Sept. 21	10.79		

12. City of Enid. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 60 feet, cased to 60. Highest water level 47.05 below lsd, July 1, 1953; lowest 48.87 below lsd, Aug. 2, 1950. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	47.10	Apr. 27	47.20	July 27	47.52	Oct. 29	47.77
Feb. 26	47.15	May 25	47.33	Aug. 27	47.18	Nov. 30	47.71
Mar. 23	47.14	June 29	47.42	Sept. 21	47.73		

13. City of Enid. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 66 feet. Highest water level 51.15 below lsd, Dec. 31, 1953; lowest 53.57 below lsd, Mar. 7, 1950. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	51.43	Apr. 27	51.50	July 27	51.64	Oct. 29	51.81
Feb. 26	51.40	May 25	51.46	Aug. 27	51.70	Nov. 30	51.86
Mar. 23	51.46	June 29	51.59	Sept. 21	51.76		

14. City of Enid. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 70 feet. Highest water level 53.50 below lsd, Oct. 29, 1953; lowest 55.97 below lsd, June 29, 1950. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	54.28	Apr. 27	54.48	July 27	54.63	Oct. 29	54.80
Feb. 26	54.84	May 25	54.44	Aug. 27	54.70	Nov. 30	54.78
Mar. 23	54.40	June 29	54.54	Sept. 21	54.72		

15. City of Enid. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 23 N., R. 7 W. Drilled observation well in terrace deposit, diameter 2 inches, depth 56 feet, cased to 56. Highest water level 34.46 below lsd, June 26, 1952; lowest 36.87 below lsd, Oct. 29, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	36.64	Apr. 27	36.81	July 27	36.84	Oct. 29	36.87
Feb. 26	36.72	May 25	36.83	Aug. 27	36.84	Nov. 30	36.85
Mar. 23	36.80	June 29	36.83	Sept. 21	36.86		

16. City of Enid. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 50 feet, cased to 50. Highest water level 32.73 below lsd, Jan. 30, Feb. 27, Mar. 31, Apr. 28, May 29, 1953; lowest 34.35 below lsd, Aug. 2, 1950. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	32.94	Apr. 27	33.01	July 27	33.14	Oct. 29	33.37
Feb. 26	32.96	May 25	33.05	Aug. 27	33.20	Nov. 30	33.36
Mar. 23	32.96	June 29	33.08	Sept. 21	33.29		

17. City of Enid. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 60 feet, cased to 60. Highest water level 57.66 below lsd, Apr. 28, 1950; lowest dry, Apr.-Oct. 1954. Records available: 1950-54. Jan. 29, 58.96; Feb. 26, 59.60; Mar. 23, 59.70; Apr. 27, dry; May 25, dry; June 29, dry; Oct. 29, dry.

18. City of Enid. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 23 N., R. 7 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 72 feet, cased to 72. Highest water level 55.62 below lsd, Oct. 29, 1951; lowest 62.08 below lsd, Oct. 29, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	58.97	Apr. 27	60.14	July 27	61.17	Oct. 29	62.08
Feb. 26	59.50	May 25	60.55	Aug. 27	61.44	Nov. 30	62.02
Mar. 23	59.49	June 29	60.85	Sept. 21	61.70		

Grady County

3. Simmons. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 4 N., R. 7 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 8 inches, depth 22 feet. Highest water level 12.14 below lsd, May 30, 1951; lowest 16.94 below lsd, Sept. 26, 1954. Records available: 1945-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	15.75	Apr. 28	14.98	July 23	15.96	Oct. 24	16.49
Feb. 20	14.85	May 29	13.66	Aug. 25	16.38	Nov. 28	16.23
Mar. 27	14.91	June 21	14.31	Sept. 26	16.94	Dec. 23	16.01

7. E. T. and L. R. Blades. NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 4 N., R. 7 W. Drilled stock water-table well in Rush Springs sandstone, diameter 6 inches, depth 97 feet, cased to 97. Highest water level 47.10 below lsd, Nov. 26, 1951; lowest 58.27 below lsd, Sept. 26, 1954. Records available: 1946-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	57.07	Apr. 28	56.74	July 23	56.78	Sept. 26	58.27
Feb. 20	56.64	May 29	57.02	Aug. 25	56.79	Nov. 28	57.33
Mar. 27	56.74	June 21	56.76				

8. N. L. and O. F. Davis. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 4 N., R. 7 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 6 inches, depth 41 feet. Highest water level 25.42 below lsd, July 30, 1946; lowest 33.10 below lsd, Apr. 30, 1950. Records available: 1946-53. Measurement discontinued.

19. D. T. and Leona Hood. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 4 N., R. 8 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 6 inches, depth 32 feet, cased to 32. Highest water level 23.19 below lsd, July 28, 1951; lowest 29.65 below lsd, Oct. 31, 1953. Records available: 1946-54.

19--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	28.69	Apr. 28	28.09	July 23	25.95	Oct. 24	27.83
Feb. 20	28.49	May 29	27.46	Aug. 25	26.66	Nov. 28	28.39
Mar. 27	28.25	June 21	26.12	Sept. 26	27.47	Dec. 23	28.64

24. W. W. Mobley. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 4 N., R. 7 W. Dug domestic water-table well in Rush Springs sandstone, diameter 24 inches, depth 21 feet, cased to 21. Highest water level 7.00 below lsd, May 30, 1951; lowest 18.90 below lsd, Aug. 21, 1947. Records available: 1946-54.

Jan. 30	13.70	Apr. 28	14.12	July 23	12.66	Oct. 24	14.10
Feb. 20	13.60	May 29	9.30	Aug. 25	14.24	Nov. 28	14.56
Mar. 27	14.22	June 21	10.84	Sept. 26	14.95	Dec. 23	14.04

26. G. W. Wade. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 3 N., R. 8 W. Dug and drilled domestic water-table well in Rush Springs sandstone, diameter 36 inches, depth 95 feet. Highest water level 7.17 below lsd, Dec. 25, 1946; lowest 14.49 below lsd, Dec. 23, 1954. Records available: 1946-54.

Jan. 30	13.20	Apr. 28	13.45	July 23	10.98	Oct. 24	13.53
Feb. 20	13.16	May 29	12.05	Aug. 25	11.66	Nov. 28	14.02
Mar. 27	13.57	June 21	10.96	Sept. 26	12.29	Dec. 23	14.49

35. D. and Nora Stinson. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 3 N., R. 8 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, depth 64 feet. Highest water level 52.27 below lsd, July 27, 1948; lowest 57.89 below lsd, Oct. 24, 1954. Records available: 1946-54.

Jan. 30	57.43	Apr. 28	56.31	July 23	56.72	Oct. 24	57.89
Feb. 20	56.92	May 29	57.10	Aug. 25	56.58	Nov. 28	56.97
Mar. 27	57.18	June 21	56.97	Sept. 26	57.21	Dec. 23	57.20

36. Henry Sweany. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 4 N., R. 8 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, depth 181 feet. Highest water level 70.57 below lsd, Apr. 28, 1951; lowest 78.63 below lsd, Dec. 23, 1954. Records available: 1946-54.

Jan. 30	78.06	Apr. 28	78.22	July 23	77.53	Oct. 24	78.40
Feb. 20	78.07	May 29	77.80	Aug. 25	77.81	Nov. 28	78.54
Mar. 27	78.29	June 21	77.45	Sept. 26	78.17	Dec. 23	78.63

43. Q. L. Merideth. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 4 N., R. 8 W. Dug unused water-table well in alluvium derived from Rush Springs sandstone, diameter 36 inches, depth 11 feet. Highest water level 2.01 below lsd, June 21, 1954; lowest 6.19 below lsd, Feb. 25, 1949. Records available: 1946-54.

Jan. 30	2.02	Apr. 28	2.42	July 23	3.94	Nov. 28	3.39
Feb. 20	2.41	May 29	2.31	Aug. 25	5.07	Dec. 23	2.94
Mar. 27	2.43	June 21	2.01	Oct. 24	4.30		

66. U. S. Geol. Survey. NW. cor. sec. 33, T. 4 N., R. 8 W. Drilled observation water-table well in Rush Springs sandstone, diameter 7 inches, depth 254 feet, cased to 40. Highest water level 79.68 below lsd, Oct. 20, Nov. 12, 1951; lowest 82.95 below lsd, Dec. 1, 1954. Records available: 1948-54.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	82.29	82.45	82.38	82.62	82.61	82.55	82.38	82.42	82.57	82.67	82.82	82.95
2	82.45	82.45	82.63	82.51	82.79	82.47	82.37	82.39	82.56	82.65	82.83	82.80
3	82.45	82.39	82.67	82.50	82.77	82.60	82.36	82.39	82.55	82.63	82.76	82.70
4	82.40	82.42	82.56	82.48	82.61	82.56	82.34	82.40	82.58	82.64	82.77	82.73
5	82.42	82.42	82.47	82.47	82.54	82.39	82.32	82.38	82.59	82.71	82.70	82.93
6	82.43	82.50	82.48	82.45	82.56	82.40	82.31	82.43	82.57	82.75	82.67	82.90
7	82.32	82.56	82.39	82.67	82.67	82.53	82.30	82.47	82.56	82.72	82.73	82.73
8	82.31	82.44	82.50	82.68	82.64	82.45	82.32	82.47	82.56	82.68	82.75	82.84
9	82.41	82.31	82.30	82.51	82.67	82.43	82.31	82.46	82.63	82.60	82.78	82.88
10	82.45	82.40	82.25	82.54	82.69	82.44	82.32	82.42	82.63	82.56	82.80	82.77
11	82.49	82.61	82.25	82.67	82.60	82.40	82.33	82.42	82.61	82.54	82.76	82.81
12	82.52	82.56	82.52	82.67	82.58	82.44	82.34	82.45	82.60	82.60	82.65	82.87
13	82.40	82.35	82.64	82.57	82.61	82.41	82.33	82.47	82.58	82.75	82.70	82.80
14	82.29	82.30	82.52	82.41	82.62	82.42	82.34	82.48	82.59	82.85	82.66	82.83
15	82.42	82.47	82.67	82.67	82.61	82.40	82.36	82.46	82.57	82.75	82.61	82.79
16	82.43	82.61	82.60	82.66	82.60	82.35	82.35	82.45	82.56	82.71	82.60	82.85
17	82.46	82.50	82.42	82.52	82.62	82.42	82.32	82.45	82.59	82.62	82.75	82.84
18	82.27	82.38	82.31	82.45	82.62	82.43	82.32	82.46	82.55	82.63	82.73	82.86
19	82.30	82.44	82.48	82.51	82.60	82.41	82.32	82.47	82.55	82.68	82.71	82.83
20	82.61	82.46	82.51	82.57	82.60	82.37	82.32	82.52	82.61	82.63	82.70	82.82

66--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	82.60	82.51	82.46	82.55	82.56	82.35	82.31	.....	82.77	82.62	82.80	82.79
22	82.53	82.48	82.42	82.58	82.51	82.40	82.31	.....	82.67	82.68	82.69	82.76
23	82.05	82.53	82.44	82.57	82.54	82.40	82.35	.....	82.62	82.68	82.81	82.81
24	82.39	82.40	82.43	82.54	82.62	82.36	82.38	.....	82.62	82.68	82.73	82.81
25	82.35	82.39	82.56	82.54	82.51	82.35	82.39	h82.38	82.64	82.64	.....	82.73
26	82.49	82.33	82.61	82.53	82.47	82.40	82.39	82.48	82.60	82.77	h82.78	82.76
27	82.56	82.58	82.53	82.53	82.49	82.37	82.37	82.53	82.57	82.78	82.73	82.86
28	82.46	82.57	82.44	h82.48	82.44	82.36	82.40	82.57	82.51	82.71	82.87	82.83
29	82.41		82.52	82.54	82.54	82.37	82.39	82.57	82.61	82.76	82.91	82.83
30	82.54		82.55	82.62	82.48	82.37	82.42	82.61	82.69	82.75	82.86	82.82
31	82.52		82.69		82.48		82.38	82.56		82.72		82.78

h Tape measurement.

76. U. S. Geol. Survey. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, T. 7 N., R. 7 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 23 feet. Highest water level 1.00 below lsd, May 31, 1949; lowest 8.70 below lsd, Dec. 23, 1954. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	7.76	Apr. 28	7.52	July 23	7.10	Oct. 31	8.35
Feb. 20	7.23	May 29	2.98	Aug. 25	8.01	Nov. 28	8.59
Mar. 27	7.99	June 21	5.87	Sept. 27	8.59	Dec. 23	8.70

77. W. W. Mobley. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 4 N., R. 7 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 6 inches, depth 70 feet, cased to 70. Highest water level 18.87 below lsd, June 30, 1951; lowest 26.01 below lsd, Sept. 25, 1953. Records available: 1949-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	25.24	Apr. 28	24.82	July 23	23.54	Oct. 24	24.99
Feb. 20	24.85	May 29	22.20	Aug. 25	24.46	Nov. 28	24.97
Mar. 27	24.92	June 21	22.54	Sept. 26	25.03	Dec. 23	24.89

Greer County

2. Claude Robertson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 3 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, reported depth 60 feet, cased to 6. Highest water level 22.04 below lsd, Nov. 15, 1950; lowest 43.67 below lsd, Dec. 1, 1954. Records available: 1949-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	39.32	May 26	39.56	Aug. 24	40.01	Oct. 27	43.16
Mar. 25	40.17	June 23	36.30	Sept. 22	41.96	Dec. 1	43.67
Apr. 21	41.10	July 28	37.70				

6. Earl Thomas. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T. 4 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, reported depth 155 feet, cased to 54. Highest water level 25.43 below lsd, Nov. 15, 1950; lowest 61.27 below lsd, Sept. 22, 1954. Records available: 1949-54. Jan. 26, 42.48; Apr. 21, 48.27; May 26, 43.62; June 23, 42.09; Sept. 22, 61.27; Oct. 26, 48.87; Dec. 1, 47.55.

7. Sid Burcham. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 5 N., R. 23 W. Drilled irrigation artesian well in bedrock of Permian age, diameter 14 inches, reported depth 135 feet, cased to 105. Highest water level 89.23 below lsd, Nov. 15, 1950; lowest 100.05 below lsd, Aug. 25, 1954. Records available: 1949-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	92.97	May 27	94.40	July 29	98.27	Oct. 26	96.82
Mar. 25	95.29	June 23	92.90	Aug. 25	100.05	Dec. 2	96.40

12. Ivan Owen. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 3 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 14 inches, reported depth 105 feet, cased to 105. Highest water level 17.81 below lsd, Nov. 15, 1950; lowest 65.53 below lsd, Aug. 24, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	41.18	Apr. 21	48.09	July 28	57.23	Oct. 27	53.95
Mar. 25	54.72	May 26	40.90	Aug. 24	65.53	Dec. 1	51.15

Harmon County

1. Ward Bros. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 2 N., R. 26 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, reported depth 149 feet, cased to 124, screen 40-45. Land-surface datum is 1,617 feet above msl. Highest water level 20.24 below lsd, Nov. 16, 1950; lowest 52.49 below lsd, Aug. 25, 1954. Records available: 1950-54. Jan. 26, 30.49; Aug. 25, 52.49; Oct. 26, 41.65; Dec. 2, 40.00.

2. Mrs. Barbara Brown. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 2 N., R. 27 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, reported depth 138 feet, cased to 80. Highest water level 30.96 below lsd, Nov. 16, 1950; lowest 46.65 below lsd, Jan. 26, 1954. Records available: 1950, 1952, 1954. Jan. 26, 46.65.

4. J. M. Cunningham. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 2 N., R. 26 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, reported depth 200 feet, cased to 200. Land-surface datum is 1,614.7 feet above msl. Highest water level 11.07 below lsd, Nov. 16, 1950; lowest 21.67 below lsd, Dec. 2, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	17.72	May 27	18.51	Aug. 25	19.92	Oct. 26	20.44
Mar. 25	18.72	June 23	19.28	Sept. 23	20.26	Dec. 2	21.67
Apr. 21	18.96	July 29	21.63				

7. T. C. Gilbert. SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 31, T. 2 N., R. 26 W. Drilled irrigation well in rocks of Permian age, diameter 16 inches, depth 150 feet, cased to 150. Highest water level 31.51 below lsd, Nov. 16, 1950; lowest 35.73 below lsd, Oct. 26, 1954. Records available: 1950, 1952-54. Jan. 26, 33.02; Mar. 25, 33.90; Apr. 21, 33.60; May 27, 32.32; June 23, 32.48; Oct. 26, 35.73; Dec. 2, 35.04.

13. Mars Heart. Ivan Mitchell, tenant. SE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23, T. 5 N., R. 26 W. Drilled stock artesian well in Dog Creek shale or Blaine gypsum, diameter 4 inches, reported depth 105 feet. Highest water level 54.76 below lsd, Mar. 24, 1954; lowest 57.86 below lsd, July 29, 1954. Records available: 1954.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	56.88	Apr. 20	57.01	July 29	57.86	Oct. 26	56.13
Mar. 24	54.76	May 27	55.80	Aug. 25	56.17	Dec. 2	57.01

16. Chester Caswell. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 3 N., R. 26 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 140 feet. Highest water level 56.23 below lsd, Jan. 5, 1954; lowest 74.17 below lsd, Aug. 25, 1954. Records available: 1954.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	56.23	May 27	58.89	Aug. 25	74.17	Oct. 26	66.57
Mar. 24	62.13	June 23	56.63	Sept. 23	68.09	Dec. 2	67.98

18. Charles Marida. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35, T. 3 N., R. 26 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 125 feet, cased to 73 feet, perforations 48-73. Highest water level 45.00 below lsd, Aug. 26, 1954; lowest 64.27 below lsd, Sept. 23, 1954. Records available: 1953-54. Aug. 26, 1953, 45.00; Apr. 21, 1954, 50.76; May 27, 47.89; July 29, 50.83; Sept. 23, 64.27; Oct. 26, 56.34; Dec. 2, 53.13.

19. C. H. Alders. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 3 N., R. 26 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, depth 100 feet, cased to 100, perforations 72-100. Highest water level 63.02 below lsd, Dec. 2, 1954; lowest 82.08 below lsd, July 29, 1954. Records available: 1953-54. Aug. 26, 1953, 71.70; Mar. 25, 1954, 67.03; Apr. 21, 72.64; May 27, 67.96; June 23, 70.99; July 29, 82.08; Dec. 2, 63.02.

20. Ted and Clay Wharton. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 2 N., R. 27 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 150 feet. Highest water level 34.13 below lsd, May 15, 1952; lowest 37.55 below lsd, May 27, 1954. Records available: 1952, 1954. May 15, 1952, 34.13; May 27, 1954, 37.55.

21. Ortho H. Morris. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 1 N., R. 26 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 125 feet, cased to 104. Highest water level 74.55 below lsd, June 23, 1954; lowest 91.37 below lsd, Sept. 23, 1954. Records available: 1953-54. Aug. 25, 1953, 81.56; Apr. 21, 1954, 80.55; May 27, 76.97; June 23, 74.55; Sept. 23, 91.37; Oct. 26, 81.60; Dec. 2, 79.50.

22. Joe L. Thomas. W. M. Adams, tenant. NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 1 N., R. 25 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 14 inches, reported depth 120 feet, cased to 90. Highest water level 51.07 below lsd, Feb. 10, 1954; lowest 62.24 below lsd, Dec. 2, 1954. Records available: 1954. Feb. 10, 1954, 51.07; Apr. 21, 55.52; May 27, 53.95; June 24, 53.18; Oct. 26, 59.77; Dec. 2, 62.24.

23. Le Roy Bridges. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 2 N., R. 25 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 129 feet, cased to 78, perforations 32-37, 66-77. Highest water level 21.00 below lsd, Apr. 16, 1953; lowest 31.29 below lsd, May 27, 1954. Records available: 1953-54. Apr. 16, 1953, 21.00; Mar. 25, 1954, 28.67; May 27, 31.29.

24. Shellie Moore. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, T. 2 N., R. 25 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 120 feet, cased to 77, perforations 28-76. Highest water level 28.00 below lsd, Apr. 16, 1953; lowest 58.96 below lsd, Sept. 23, 1954. Records available: 1953-54. Apr. 16, 1953, 28.00; Sept. 23, 1954, 58.96; Oct. 26, 44.80; Dec. 2, 42.14.

25. J. D. Jones. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 2 N., R. 24 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 12 inches, reported depth 215 feet, cased to 180. Highest water level 57.07 below lsd, Feb. 11, 1954; lowest 64.44 below lsd, Apr. 21, 1954. Records available: 1954. Feb. 11, 57.07; Apr. 21, 64.44; June 23, 59.87.

26. Ballard Hill No. 2. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 3 N., R. 24 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, depth 169 feet, cased to 64. Highest water level 60.67 below lsd, May 26, 1954; lowest 67.79 below lsd, Dec. 2, 1954. Records available: 1954.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	63.18	May 26	60.67	Aug. 25	64.26	Oct. 25	66.22
Mar. 25	65.42	June 23	61.25	Sept. 22	66.02	Dec. 2	67.79
Apr. 21	66.14	July 29	63.41				

27. Floyd Roberts. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 3 N., R. 24 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 155 feet, cased to 73. Highest water level 75.33 below lsd, June 23, 1954; lowest 82.98 below lsd, Sept. 22, 1954. Records available: 1953-54.

Aug. 21, 1953	79.92	May 26, 1954	75.84	July 29, 1954	77.26	Oct. 25, 1954	80.57
Mar. 25, 1954	82.64	June 23	75.33	Sept. 22	82.98	Dec. 2	82.45
Apr. 19	80.84						

30. R. C. Bassel. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 2 N., R. 24 W. Drilled stock artesian well in Dog Creek shale or Blaine gypsum, diameter 6 inches, reported depth 70 feet. Highest water level 64.04 below lsd, May 27, 1954; lowest 65.90 below lsd, Aug. 26, 1954. Records available: 1954.

Jan. 6	64.31	June 24	64.15	Aug. 26	65.90	Oct. 27	64.96
Apr. 21	64.73	July 29	64.05	Sept. 24	64.98	Dec. 2	64.99
May 27	64.04						

32. Bob Moran. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 2 N., R. 24 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 18 inches, depth 150 feet, cased to 83. Highest water level 55.88 below lsd, Aug. 5, 1953; lowest 92.15 below lsd, Sept. 24, 1954. Records available: 1953-54. Aug. 5, 1953, 55.88; June 24, 1954, 60.68; Sept. 24, 92.15; Oct. 26, 81.33; Dec. 2, 81.18.

33. E. H. Hefford. SW. cor. SE $\frac{1}{4}$ sec. 13, T. 1 N., R. 25 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 120 feet, cased to 120. Highest water level 20.83 below lsd, June 24, 1954; lowest 39.00 below lsd, Aug. 13, 1952. Records available: 1952, 1954.

Aug. 13, 1952	39.00	May 27, 1954	21.00	Aug. 26, 1954	23.50	Oct. 26, 1954	25.25
Mar. 25, 1954	21.80	June 24	20.83	Sept. 24	26.67	Dec. 2	24.65
Apr. 21	22.74	July 29	25.37				

Harper County

1. G. P. Johnston. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18, T. 26 N., R. 25 W. Drilled irrigation water-table well in alluvium, diameter 19 inches, depth 30 feet. Highest water level 4.40 below lsd, July 9, 1951; lowest 13.06 below lsd, Nov. 27, 1940. Records available: 1940-54. May 19, 7.27; June 9, 7.12; Dec. 3, 12.84.

Jackson County

1. U. S. Geol. Survey. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 2 N., R. 18 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 9 feet, cased to 7. Highest water level 5.91 below lsd, Oct. 19, 1947; lowest 8.30 below lsd, Feb. 6, 1952. Records available: 1947-54. June 25, 6.96.

3. Ivan Owen. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 2 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, reported depth 90 feet. Highest water level 25.55 below lsd, Oct. 20, 1949; lowest 63.21 below lsd, Aug. 24, 1954. Records available: 1948-54.

Jan. 26	33.90	May 26	29.87	Aug. 24	63.21	Oct. 26	45.10
Mar. 26	38.30	June 23	33.98	Sept. 22	52.35	Dec. 2	43.39
Apr. 21	37.94						

4. Buddy Bryant. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 3 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, depth 127 feet, perforations 40-127. Highest water level 29.54 below lsd, Nov. 14, 1950; lowest 67.79 below lsd, Sept. 22, 1954. Records available: 1948-54. Jan. 26, 46.60; Apr. 21, 50.85; May 26, 45.40; June 23, 44.04; Sept. 22, 67.79; Oct. 26, 59.22; Dec. 1, 55.76.

5. Barney O. Yates. NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35, T. 3 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, depth 120 feet, cased to 30. Highest water level 26.27 below lsd, June 10, 1948; lowest 40.51 below lsd, Dec. 1, 1954. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	38.84	Apr. 21	39.30	June 23	35.84	Oct. 26	39.87
Mar. 25	39.02	May 26	32.62	Sept. 22	39.38	Dec. 1	40.51

9. Spraggins. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 3 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 14 inches, reported depth 118 feet, cased to 118, perforations 80-118. Highest water level 22.22 below lsd, Nov. 15, 1950; lowest 36.05 below lsd, Nov. 20, 1953. Records available: 1949-50, 1952-54. Jan. 26, 34.62.

11. E. F. Walker. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32, T. 3 N., R. 23 W. Drilled irrigation artesian well in rocks of Permian age, diameter 16 inches, reported depth 105 feet, cased to 42. Highest water level 25.54 below lsd, Nov. 15, 1950; lowest 46.18 below lsd, Sept. 22, 1954. Records available: 1950, 1952-54. Jan. 26, 34.20; Apr. 21, 36.41; May 26, 37.89; June 23, 31.79; July 28, 39.60; Sept. 22, 46.18.

25. John Kenmore. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 2 N., R. 23 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 14 inches, reported depth 84 feet, cased to 34. Highest water level 25.98 below lsd, Feb. 5, 1952; lowest lowest 34.77 below lsd, Sept. 22, 1954. Records available: 1952-54.

Feb. 5, 1952	25.98	Oct. 21, 1953	33.24	May 27, 1954	28.48	Oct. 26, 1954	33.89
Mar. 20	31.80	Apr. 21, 1954	32.99	Sept. 22	34.77	Dec. 2	33.50
Mar. 18, 1953	30.07						

29. Wynfred Black. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 1 S., R. 25 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 130 feet, cased to 130. Highest water level 75.57 below lsd, Mar. 25, 1954; lowest 79.17 below lsd, Sept. 23, 1954. Records available: 1953-54.

Aug. 12, 1953	76.85	May 27, 1954	76.73	Aug. 25, 1954	78.70	Oct. 25, 1954	77.03
Mar. 25, 1954	75.57	June 23	76.04	Sept. 23	79.17	Dec. 2	77.20
Apr. 20	76.63						

30. W. F. Spencer. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, T. 1 S., R. 24 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 165 feet, cased to 160, perforations 75, 88-100. Highest water level 59.64 below lsd, June 23, 1954; lowest 65.69 below lsd, Sept. 23, 1954. Records available: 1953-54.

Aug. 27, 1953	63.52	Apr. 21, 1954	60.40	June 23, 1954	59.64	Oct. 25, 1954	61.76
Feb. 23, 1954	60.06	May 27	60.06	Sept. 23	65.69	Dec. 2	61.85

32. City of Eldorado. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 1 S., R. 23 W. Drilled unused well in alluvium, diameter 6 inches, depth 32 feet, cased to 32. Highest water level 17.28 below lsd, June 23, 1954; lowest 24.89 below lsd, Dec. 2, 1954. Records available: 1954.

Jan. 8	18.87	May 27	20.05	Aug. 25	23.42	Oct. 25	24.22
Mar. 25	20.66	June 23	17.28	Sept. 23	24.30	Dec. 2	24.89
Apr. 21	20.84	July 29	22.36				

33. John G. Alexander. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, T. 1 N., R. 23 W. Drilled irrigation well in Dog Creek shale or Blaine gypsum, diameter 12 inches, reported depth 92 feet. Highest water level 23.18 below lsd, May 27, 1954; lowest 30.20 below lsd, Aug. 5, 1953. Records available: 1953-54.

Aug. 5, 1953	30.20	May 27, 1954	23.18	July 29, 1954	25.55	Sept. 22, 1954	27.94
Mar. 25, 1954	28.87	June 23	23.34	Aug. 25	26.84	Oct. 26	28.30
Apr. 21	29.03						

34. O. E. Kaufman. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 2 N., R. 22 W. Drilled domestic well in alluvium, diameter 6 inches, reported depth 33 feet, cased to 33. Highest water level 23.95 below lsd, Dec. 10, 1953; lowest 24.50 below lsd, Oct. 26, 1954. Records available: 1953-54. Dec. 10, 1953, 23.95; Mar. 26, 1954, 24.40; Apr. 21, 24.46; June 23, 24.02; July 29, 24.04; Aug. 22, 24.18; Oct. 26, 24.50.

Kay County

1. City of Ponca City well 5. $SE\frac{1}{4}SE\frac{1}{4}NW\frac{1}{4}$ sec. 26, T. 26 N., R. 2 E. Dug public-supply water-table well in alluvium, diameter 30 inches, reported depth 38 feet. Highest water level 2.30 below lsd, July 5, 1951; lowest 29.06 below lsd, Dec. 27, 1954. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	28.80	Apr. 8	28.96	July 8	28.76	Oct. 7	28.96
14	28.83	15	28.97	15	28.78	14	28.75
21	28.87	22	28.81	22	28.85	21	28.96
28	28.90	29	28.75	29	28.83	28	28.80
Feb. 4	28.89	May 6	28.55	Aug. 5	28.73	Nov. 4	28.95
11	28.88	13	28.65	12	28.90	11	28.97
18	28.90	20	28.80	19	28.87	18	28.97
25	28.88	27	28.60	26	28.90	25	28.96
Mar. 4	28.90	June 3	28.70	Sept. 2	28.93	Dec. 2	29.00
11	28.92	10	28.65	9	28.92	9	29.01
18	28.94	17	28.62	16	28.95	16	29.03
25	28.93	24	28.63	23	28.95	23	29.05
Apr. 1	28.92	July 1	28.70	30	28.97	27	29.06

Kingfisher County

1. R. V. Sturgeon. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 10, T. 19 N., R. 9 W. Drilled unused water-table well in terrace deposit, diameter 15 inches, depth 31 feet, cased to 31. Land-surface datum is 1,149.8 feet above msl. Highest water level 10.70 below lsd, June 5, 1951; lowest 17.40 below lsd, Oct. 31, 1952. Records available: 1950-54. Jan. 29, 15.65; Feb. 25, 15.55; Mar. 22, 15.42; Apr. 26, 15.36; June 28, 16.43; July 26, 16.94.

2. John Hladik. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 3, T. 19 N., R. 8 W. Drilled unused water-table well in terrace deposit, diameter 5 inches, depth 48 feet, cased to 48. Land-surface datum is 1,227.8 feet above msl. Highest water level 17.88 below lsd, Aug. 8, 1951; lowest 22.80 below lsd, Nov. 29, 1954. Records available: 1950-54.

Jan. 29	20.80	Apr. 26	20.88	Aug. 26	22.26	Oct. 28	22.64
Feb. 25	20.69	May 24	21.09	Sept. 20	22.55	Nov. 29	22.80
Mar. 22	20.84	July 26	22.06				

3. John Goetzinger. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 10, T. 18 N., R. 7 W. Drilled unused artesian well in rocks of Permian age, diameter 6 inches, depth 30 feet. Land-surface datum is 1,097.1 feet above msl. Highest water level 20.85 below lsd, Sept. 3, 1950; lowest 22.49 below lsd, Apr. 27, 1953. Records available: 1950-53. Measurement discontinued.

4. H. B. Stinson. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 21, T. 18 N., R. 7 W. Drilled unused water-table well in terrace deposit, diameter 5 inches, depth 63 feet. Land-surface datum is 1,081.1 feet above msl. Highest water level 29.43 below lsd, Sept. 27, 1951; lowest 33.25 below lsd, Oct. 28, 1954. Records available: 1950-54.

Jan. 29	31.96	Apr. 26	31.90	July 26	32.85	Oct. 28	33.25
Feb. 25	31.89	May 24	32.14	Aug. 26	33.04	Nov. 29	33.20
Mar. 22	31.90	June 28	32.50	Sept. 20	33.20		

8. Darrell Goe. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 30, T. 19 N., R. 7 W. Drilled irrigation water-table well in terrace deposit, diameter 16 inches, depth 92 feet, cased to 92. Land-surface datum is 1,182.7 feet above msl. Highest water level 37.50 below lsd, Sept. 29, 1952; lowest 43.89 below lsd, June 29, 1953. Records available: 1950-53. Measurement discontinued.

9. U. S. Geol. Survey. $SW\frac{1}{4}NW\frac{1}{4}SW\frac{1}{4}$ sec. 14, T. 19 N., R. 8 W. Drilled observation water-table well in terrace deposit, diameter $1\frac{1}{2}$ inches, depth 65 feet, screen 4-65. Land-surface datum is 1,193.0 feet above msl. Highest water level 18.41 below lsd, Dec. 29, 1952; lowest 22.26 below lsd, July 14, 1950. Records available: 1950-53. Measurement discontinued.

10. U. S. Geol. Survey. $SE\frac{1}{4}NE\frac{1}{4}NE\frac{1}{4}$ sec. 24, T. 19 N., R. 9 W. Driven observation water-table well in terrace deposit, diameter $1\frac{1}{2}$ inches, depth 16 feet, screen 4-16. Land-surface datum is 1,162.9 feet above msl. Highest water level 7.85 below lsd, Sept. 27, 1951; lowest 11.30 below lsd, Sept. 20, 1954. Records available: 1950-54.

Jan. 29	10.16	Apr. 26	10.39	July 26	11.02	Oct. 28	11.27
Feb. 25	10.18	May 24	10.54	Aug. 26	11.21	Nov. 29	11.28
Mar. 22	10.25	June 28	10.80	Sept. 20	11.30		

Kiowa County

2. Edith L. Wright. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13, T. 2 N., R. 17 W. Dug unused water-table well in Hennessey shale, diameter 5 feet, depth 42 feet. Highest water level 34.21 below lsd, Aug. 8, 1952; lowest 39.58 below lsd, Oct. 19, 1947. Records available: 1947-54. June 25, 38.29.

McClain County

3. Grace T. Olsen and others. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 20, T. 8 N., R. 4 W. Drilled unused water-table well in Duncan sandstone of Gould, diameter 1 $\frac{1}{4}$ inches, depth 36 feet. Highest water level 13.91 below lsd, Aug. 23, 1949; lowest 19.96 below lsd, Oct. 14, 1953. Records available: 1948-53. Measurement discontinued.

McCurtain County

1. W. M. George. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, T. 7 S., R. 24 E. Drilled unused artesian well in Paluxy sand, diameter 6 inches, depth 142 feet. Land-surface datum is 445 feet above msl. Highest water level 95.66 below lsd, May 23, 1950; lowest 99.27 below lsd, Jan. 27, 1954. Records available: 1949-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	99.27	Mar. 31	98.71	May 26	97.73	July 30	99.01
Feb. 23	98.65	Apr. 24	98.44	June 28	98.22	Nov. 25	99.06

4. Lynch. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, T. 7 S., R. 25 E. Dug unused water-table well in Woodbine formation, diameter 32 inches, depth 16 feet. Land-surface datum is 414.2 feet above msl. Highest water level 2.22 below lsd, Apr. 24, 1952; lowest dry at 15.30 Nov. 30, Dec. 29, 1953. Records available: 1949-54. Jan. 27, 8.15; Feb. 23, 9.33. Measurement discontinued.

5. O. L. Hurn. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 8 S., R. 23 E. Drilled unused artesian well in Paluxy sand, diameter 6 inches, depth 272 feet, cased to 40. Land-surface datum is 451.3 feet above msl. Highest water level 1.21 below lsd, Feb. 1, 1950; lowest 64.94 below lsd, Sept. 26, 1954. Records available: 1948-54.

Jan. 27	62.42	Apr. 24	61.55	July 31	63.55	Oct. 23	63.53
Feb. 23	61.96	May 26	58.63	Aug. 28	63.38	Nov. 25	63.35
Mar. 29	61.83	June 29	62.93	Sept. 26	64.94		

9. Luisier Westly. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 6 S., R. 23 E. Dug unused water-table well in Paluxy sand, size 30 by 30 inches, depth 25 feet. Land-surface datum is 382.1 feet above msl. Highest water level 10.67 below lsd, Feb. 6, 1950; lowest dry, Oct. 29, Nov. 30, Dec. 29, 1953, Aug. 27, Sept. 25, 1954. Records available: 1950-54.

Jan. 27	17.40	Apr. 25	17.71	July 31	19.84	Oct. 23	19.99
Feb. 23	18.50	May 27	15.54	Aug. 27	(f)	Nov. 24	19.14
Mar. 31	17.90	June 29	17.77	Sept. 25	(f)		

f Dry.

10. Murdock. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 7 S., R. 24 E. Dug unused water-table well in Paluxy sand, size 24 by 24 inches, depth 19 feet, cased to 4. Land-surface datum is 372.17 feet above msl. Highest water level 4.98 below lsd, Apr. 24, 1952; lowest dry at 15.50, Sept. 30, Oct. 29, Nov. 30, Dec. 30, 1953, Aug. 28, Sept. 26, 1954. Records available: 1950-54.

Jan. 27	14.06	Apr. 24	11.70	July 30	14.40	Oct. 23	12.91
Feb. 23	11.89	May 26	11.08	Aug. 28	(f)	Nov. 25	12.71
Mar. 31	12.00	June 29	13.38	Sept. 26	(f)		

f Dry.

11. Brantly. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 6 S., R. 25 E. Dug unused water-table well in Paluxy sand, size 5 by 5 feet, depth 26 feet, cased to 3. Land-surface datum is 440.45 feet above msl. Highest water level 1.55 below lsd, Apr. 24, 1952; lowest dry at 21.45, Sept. 27, 1952, Sept. 30, Oct. 29, Nov. 30, Dec. 29, 1953, July 31, Aug. 27, Sept. 26, 1954. Records available: 1950-54.

Jan. 27	5.50	Apr. 24	17.42	July 31	(f)	Oct. 23	3.46
Feb. 23	10.80	May 26	9.65	Aug. 27	(f)	Nov. 25	11.28
Mar. 31	11.16	June 29	14.75	Sept. 26	(f)		

f Dry.

13. J. W. Fisher. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 7 S., R. 24 E. Dug unused water-table well in Paluxy sand, size 35 by 35 inches, depth 40 feet. Land-surface datum is 411.8 feet above msl. Highest water level 18.50 below lsd, June 4, 1952; lowest 29.90 below lsd, Oct. 29, 1953. Records available: 1950-54. Jan. 27, 28.52; Feb. 23, 28.80; Mar. 31, 28.55; Apr. 25, 29.47; May 27, 27.50; June 29, 28.04; July 31, 28.04. Measurement discontinued.

15. H. L. Latimer. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 8 S., R. 24 E. Dug unused water-table well in alluvium, size 30 by 30 inches, depth 19 feet, cased to 4. Land-surface datum is 351.5 feet above msl. Highest water level 1.29 below lsd, Feb. 23, 1952; lowest 13.28 below lsd, Sept. 25, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	7.60	Apr. 24	8.99	Aug. 27	13.16	Oct. 23	12.58
Feb. 23	8.14	May 27	4.89	Sept. 25	13.28	Nov. 25	12.41
Mar. 30	9.88	July 31	12.63				

18. Lone Star Grocery Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 7 S., R. 23 E. Dug unused water-table well in Woodbine formation, diameter 20 inches, depth 19 feet, cased to 2. Land-surface datum is 481.01 feet above msl. Highest water level 0.00 below lsd, Apr. 24, 1952; lowest 11.84 below lsd, Sept. 26, 1954. Records available: 1950-54.

Jan. 27	0.31	Apr. 24	1.85	July 31	8.96	Oct. 23	9.90
Feb. 23	.33	May 26	.36	Aug. 28	10.64	Nov. 25	6.58
Mar. 29	.93	June 29	4.49	Sept. 26	11.84		

19. Maud Jackson. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 32, T. 7 S., R. 23 E. Dug unused water-table well in Woodbine formation, size 32 by 32 inches, depth 19 feet, cased to 5. Land-surface datum is 450.52 feet above msl. Highest water level 1.62 below lsd, Apr. 24, 1952; lowest 15.09 below lsd, Sept. 26, 1954. Records available: 1950-54.

Jan. 27	3.07	Apr. 24	5.77	July 31	12.74	Oct. 23	10.47
Feb. 23	3.56	May 26	2.90	Aug. 28	14.11	Nov. 25	6.37
Mar. 29	5.91	June 29	7.08	Sept. 26	15.09		

20. Margaret H. Hubanks. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 7 S., R. 23 E. Dug unused water-table well in Woodbine formation, diameter 23 inches, depth 15 feet, cased to 12. Land-surface datum is 472.4 feet above msl. Highest water level 1.00 below lsd, Apr. 24, 1952; lowest 10.95 below lsd, Nov. 30, 1953. Records available: 1950-54.

Jan. 27	5.20	Apr. 24	5.76	July 31	7.38	Oct. 23	3.47
Feb. 23	4.16	May 26	2.10	Aug. 28	6.98	Nov. 25	5.14
Mar. 29	5.82	June 29	5.21	Sept. 26	8.09		

21. John Derryberry, Jr. NE $\frac{1}{4}$ sec. 14, T. 8 S., R. 23 E. Dug unused water-table well in Woodbine formation, diameter 30 inches, depth 41 feet, cased to 5. Land-surface datum is 429.9 feet above msl. Highest water level 1.58 below lsd, Apr. 24, 1952; lowest 12.96 below lsd, Dec. 29, 1953. Records available: 1950-54.

Jan. 27	11.75	Apr. 24	5.79	July 31	7.64	Oct. 23	10.51
Feb. 23	6.20	May 27	3.06	Aug. 28	8.96	Nov. 25	6.95
Mar. 30	5.65	June 29	5.44	Sept. 25	10.15		

22. Oren C. Hicks. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 8 S., R. 23 E. Drilled unused water-table well in Woodbine formation, diameter 6 inches, depth 28 feet, cased to 25. Land-surface datum is 450.9 feet above msl. Highest water level 0.18 below lsd, Jan. 27, 1953; lowest 14.59 below lsd, July 27, 1952. Records available: 1950-54.

Jan. 27	0.72	Apr. 24	1.90	July 31	5.58	Oct. 23	2.76
Feb. 23	.46	May 27	.90	Aug. 28	6.68	Nov. 25	5.97
Mar. 30	5.19	June 29	4.91	Sept. 25	7.57		

23. Odel J. Parish. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 7 S., R. 22 E. Dug unused water-table well in Woodbine formation, size 21 by 21 inches, depth 41 feet. Land-surface datum is 454.68 feet above msl. Highest water level 2.34 below lsd, Mar. 29, 1954; lowest 13.91 below lsd, Dec. 29, 1953. Records available: 1950-54.

Jan. 27	12.34	Apr. 24	9.04	July 31	10.21	Oct. 23	12.97
Feb. 23	9.77	May 26	4.08	Aug. 26	11.72	Nov. 25	11.28
Mar. 29	2.34	June 29	7.89	Sept. 26	12.16		

25. H. L. Spencer. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 8 S., R. 26 E. Dug unused water-table well in Tokio formation, diameter 24 inches, depth 18 feet, cased to 18. Highest water level 0.60 below lsd, Apr. 24, 1952; lowest 10.47 below lsd, Nov. 1, 1952. Records available: 1950-54. Jan. 27, 0.86; Feb. 23, 1.31. Measurement discontinued.

26. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 9 S., R. 25 E. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 16 feet, cased to 16. Land-surface datum is 348.67 feet above msl. Highest water level 6.14 below lsd, June 4, 1952; lowest 11.47 below lsd, Nov. 25, 1954. Records available: 1950-54.

Jan. 27	11.00	Apr. 24	9.80	July 31	10.67	Oct. 23	11.28
Feb. 23	10.40	May 27	8.35	Aug. 27	11.13	Nov. 25	11.47
Mar. 20	10.05	June 29	9.26	Sept. 25	11.46		

27. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T. 9 S., R. 25 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 18 feet, cased to 18. Land-surface datum is 338.64 feet above msl. Highest water level 6.14 below lsd, Apr. 24, 1952; lowest 15.26 below lsd, Oct. 23, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	13.72	Apr. 24	12.85	July 31	13.89	Oct. 23	15.26
Feb. 23	13.27	May 27	10.76	Aug. 27	14.53	Nov. 25	15.17
Mar. 30	13.35	June 29	12.44	Sept. 25	15.10		

28. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 9 S., R. 25 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 22 feet, cased to 22. Land-surface datum is 338.34 feet above msl. Highest water level 14.40 below lsd, Dec. 3, 1951; lowest 19.95 below lsd, May 28, 1951. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	19.44	Apr. 24	18.93	July 31	18.95	Oct. 23	19.08
Feb. 23	19.01	May 27	18.90	Aug. 27	19.02	Nov. 25	18.27
Mar. 30	18.93	June 29	18.91	Sept. 25	19.12		

29. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 10 S., R. 25 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 15 feet, cased to 15. Land-surface datum is 331.78 feet above msl. Highest water level 5.55 below lsd, Mar. 1, 1951; lowest 13.84 below lsd, Nov. 1, 1952. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	10.83	Apr. 24	9.29	July 31	10.77	Oct. 23	13.44
Feb. 23	9.08	May 27	6.02	Aug. 27	12.09	Nov. 25	13.22
Mar. 30	10.52	June 29	8.38	Sept. 25	13.06		

32. U. S. Geol. Survey. NE. cor. sec. 22, T. 7 S., R. 21 E. Drilled observation artesian well in Paluxy sand, diameter 6 inches, depth 322 feet, cased to 308. Highest water level 13.91 below lsd, Oct. 3, 1951; lowest 17.98 below lsd, Sept. 26, 1954. Records available: 1951-54.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	16.81	16.83	16.69	16.77	16.72	16.66	.....	.....	.....	.....	.....	.....
2	16.77	16.80	16.70	16.77	16.70	16.65	.....	.....	.....	.....	.....	.....
3	16.80	16.79	16.83	16.81	16.77	16.65	.....	.....	.....	.....	.....	.....
4	16.80	16.76	16.89	16.81	16.79	16.70	.....	.....	.....	.....	.....	.....
5	16.80	16.77	16.89	16.80	16.77	16.70	.....	.....	.....	.....	.....	.....
6	16.82	16.78	16.88	16.79	16.76	16.70	.....	.....	.....	.....	.....	.....
7	16.82	16.85	16.86	16.78	16.73	16.70	.....	.....	.....	.....	.....	.....
8	16.79	16.87	16.82	16.83	16.76	16.72	.....	.....	.....	.....	.....	.....
9	16.75	16.85	16.79	16.84	16.78	16.73	.....	.....	.....	.....	.....	.....
10	16.76	16.78	16.72	16.82	16.79	16.75	.....	.....	.....	.....	.....	.....
11	16.82	16.74	16.63	16.83	16.76	16.75	.....	.....	.....	.....	.....	.....
12	16.88	16.86	16.57	16.85	16.70	16.76	.....	.....	.....	.....	.....	.....
13	16.89	16.87	16.69	16.84	16.65	16.77	.....	.....	.....	.....	.....	.....
14	16.86	16.84	16.79	16.78	16.64	16.78	.....	.....	.....	.....	.....	.....
15	16.79	16.80	16.88	16.68	16.65	16.78	.....	.....	.....	.....	.....	.....
16	16.74	16.76	16.93	16.67	16.65	16.78	.....	.....	.....	.....	.....	.....
17	16.77	16.80	16.92	16.68	16.63	16.83	.....	.....	.....	.....	.....	.....
18	16.77	16.79	16.88	16.66	16.63	16.86	.....	.....	.....	.....	.....	.....
19	16.71	16.74	16.75	16.65	16.62	16.88	.....	.....	.....	.....	.....	.....
20	16.68	16.65	16.73	16.69	16.66	16.89	.....	.....	.....	.....	.....	.....
21	16.74	16.69	16.74	16.72	16.68	16.91	.....	.....	.....	.....	.....	.....
22	16.78	16.71	16.74	16.75	16.68	16.93	.....	.....	.....	.....	.....	.....
23	16.78	16.70	16.71	16.77	16.70	16.95	.....	.....	.....	h17.50	.....	.....
24	16.73	16.70	16.68	16.78	16.71	16.96	.....	.....	.....	.....	.....	.....
25	16.71	16.61	16.64	h16.80	16.71	16.98	.....	.....	.....	.....	.....	.....
26	16.73	16.61	16.71	16.79	h16.69	.....	.....	.....	h17.98	.....	h17.77	.....
27	16.80	16.60	16.71	16.77	16.68	.....	.....	.....	.....	.....	.....	.....
28	16.81	16.68	16.71	16.75	16.66	.....	.....	h17.76	.....	.....	.....	.....
29	16.79	.....	h16.62	16.72	16.64	.....	.....	.....	.....	.....	.....	.....
30	16.78	.....	16.66	16.71	16.65	.....	.....	.....	.....	.....	.....	.....
31	16.83	.....	16.73	.....	16.65	.....	h17.45	.....	.....	.....	.....	.....

h Tape measurement.

Major County

2. Ned Woods. SE. cor. sec. 20, T. 21 N., R. 9 W. Dug unused water-table well in terrace deposit, diameter 24 inches, depth 50 feet, cased to 50. Land-surface datum is 1,234.6 feet above msl. Highest water level 16.97 below lsd, Dec. 5, 1951; lowest 23.74 below lsd, Nov. 29, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	19.32	Apr. 27	20.57	June 28	21.61	Oct. 29	23.12
Feb. 25	19.96	May 24	20.19	Aug. 27	23.46	Nov. 29	23.74
Mar. 22	20.54						

3. George Suit. NE. cor. sec. 4, T. 20 N., R. 9 W. Dug unused water-table well in terrace deposit, diameter 24 inches, depth 60 feet, cased to 40. Land-surface datum is 1,225.7 feet above msl. Highest water level 22.23 below lsd, Mar. 17, 1952; lowest 24.58 below lsd, Nov. 29, 1954. Records available: 1950-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	23.05	Apr. 26	23.10	July 26	23.83	Oct. 29	24.54
Feb. 25	23.03	May 24	23.21	Aug. 27	24.10	Nov. 29	24.58
Mar. 22	23.09	June 29	23.47	Sept. 20	24.27		

4. W. H. Winfred. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 21 N., R. 10 W. Dug unused water-table well in terrace deposit, diameter 24 inches, depth 40 feet, cased to 40. Land-surface datum is 1,213.6 feet above msl. Highest water level 19.37 below lsd, Sept. 5, 1951; lowest 22.26 below lsd, Nov. 30, 1954. Records available: 1950-54.

Daily lowest water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	Sept.	Oct.	Nov.
1	21.57	21.64	21.69	21.72	21.80	.....	.....	.....
2	21.59	21.64	21.69	21.72	21.80	.....	.....	.....
3	21.59	21.62	21.70	21.72	21.80	.....	.....	.....
4	21.58	21.65	21.69	21.72	21.79	.....	.....	.....
5	21.59	21.65	21.69	21.72	21.79	.....	.....	.....
6	21.60	21.66	21.69	h21.72	21.80	.....	.....	.....
7	21.60	21.66	21.68	21.74	21.80	.....	.....	.....
8	21.58	21.66	21.70	21.74	21.80	.....	.....	.....
9	21.60	21.64	21.67	21.73	21.81	.....	.....	.....
10	21.60	21.65	21.66	21.75	21.81	.....	.....	.....
11	21.60	21.67	21.66	21.76	21.80	.....	.....	.....
12	21.60	21.67	21.70	21.76	21.80	.....	.....	.....
13	21.58	21.65	21.70	21.75	21.80	.....	.....	.....
14	21.57	21.63	21.70	21.74	21.80	.....	.....	.....
15	21.61	21.66	21.71	21.76	21.80	.....	.....	.....
16	21.61	h21.67	21.71	21.76	21.80	.....	.....	.....
17	21.62	21.67	21.70	21.75	21.80	.....	.....	.....
18	21.60	21.66	21.69	21.75	21.81	.....	.....	.....
19	21.60	21.65	21.70	21.76	21.81	.....	.....	.....
20	21.64	21.67	21.71	21.78	21.81	.....	.....	.....
21	21.64	21.68	21.72	21.79	21.61	h22.04	.....	.....
22	21.63	21.68	21.71	21.79	21.81	.....	.....	.....
23	21.61	h21.68	21.71	21.78	21.82	.....	.....	.....
24	21.62	21.68	21.71	21.79	21.82	.....	.....	.....
25	21.63	21.67	21.72	21.78	21.82	.....	.....	.....
26	21.65	21.67	.....	h21.77	21.81	.....	.....	.....
27	21.64	21.69	.....	h21.79	.....	.....	.....	.....
28	21.64	21.69	.....	21.79	.....	.....	.....	.....
29	21.63	.....	.....	21.80	.....	.....	h22.16	.....
30	21.65	.....	.....	21.79	.....	.....	.....	h22.26
31	21.64	.....	21.72	.....	.....	.....	.....	.....

* No record for June, July, August, and December.

h Tape measurement.

5. U. S. Geol. Survey. NW. cor. sec. 28, T. 20 N., R. 16 W. Drilled observation water-table well in alluvium, diameter 1½ inches, depth 26 feet, cased to 26. Highest water level 9.49 below lsd, July 9, 1951; lowest dry, Aug. 8, Oct. 13, 1952. Records available: 1951-54. June 9, 14.48; July 27, 16.48; Dec. 2, 16.24.

6. Victor I. Cooper. SW. cor. sec. 5, T. 20 N., R. 9 W. Dug unused water-table well in terrace deposit, diameter 24 inches, depth 53 feet, cased to 53. Land-surface datum is 1,174.3 feet above msl. Highest water level 4.16 below lsd, July 11, 1951; lowest 11.78 below lsd, Oct. 29, 1954. Records available: 1950-54.

6--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	8.65	Apr. 26	9.30	July 27	10.31	Oct. 29	11.78
Feb. 26	8.65	May 25	8.57	Aug. 27	11.10	Nov. 30	10.63
Mar. 22	8.82	June 29	9.37	Sept. 21	11.64		

7. Ira Fyffe. SE. cor. sec. 10, T. 21 N., R. 9 W. Drilled unused well in rocks of Permian age and terrace deposit, diameter 4 inches, depth 71 feet. Land-surface datum is 1,314.4 feet above msl. Highest water level 18.04 below lsd, Aug. 7, 1951; lowest 34.64 below lsd, Oct. 28, Nov. 29, 1954. Records available: 1950-54.

Jan. 29	29.20	Apr. 26	30.55	July 26	33.30	Oct. 28	34.64
Feb. 25	29.47	May 24	30.40	Aug. 27	34.04	Nov. 29	34.64
Mar. 22	30.13	June 28	32.93	Sept. 20	34.37		

8. C. E. Stull. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 21 N., R. 9 W. Drilled unused water-table well in terrace deposit, diameter 6 inches, depth 15 feet, cased to 15. Land-surface datum is 1,229.1 feet above msl. Highest water level 7.14 below lsd, June 5, 1951; lowest dry, Oct. 28, Nov. 29, 1954. Records available: 1950-54.

Jan. 29	12.93	Apr. 26	12.78	July 26	14.44	Oct. 28	(f)
Feb. 25	12.79	May 24	12.36	Aug. 27	15.36	Nov. 29	(f)
Mar. 22	12.72	June 28	12.91	Sept. 20	15.60		

f Dry.

10. W. D. Fyffe. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 13, T. 21 N., R. 9 W. Drilled unused artesian well in rocks of Permian age, diameter 2 inches, depth 53 feet. Land-surface datum is 1,274.5 feet above msl. Highest water level 30.88 below lsd, June 27, 1952; lowest 34.68 below lsd, Apr. 7, 1950. Records available: 1950-54. Jan. 29, 32.08. Measurement discontinued.

11. Mrs. Bessie Turner. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 21 N., R. 9 W. Drilled unused water-table well in terrace deposit, diameter 3 inches, depth 24 feet. Land-surface datum is 1,269.5 feet above msl. Highest water level 13.87 below lsd, Aug. 8, 1951; lowest 21.45 below lsd, Nov. 29, 1954. Records available: 1950-54.

Jan. 29	19.35	Apr. 26	19.90	Aug. 27	20.78	Oct. 28	21.24
Feb. 25	19.52	June 28	20.21	Sept. 20	20.98	Nov. 29	21.45
Mar. 22	19.70	July 26	20.71				

12. J. A. Pierce. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 21 N., R. 9 W. Drilled unused water-table well in terrace deposit, diameter 6 inches, depth 19 feet. Land-surface datum is 1,185.9 feet above msl. Highest water level 2.26 below lsd, July 11, 1951; lowest 10.14 below lsd, Nov. 30, 1954. Records available: 1950-54.

Jan. 28	6.08	Apr. 26	5.91	July 26	7.52	Oct. 29	10.08
Feb. 26	5.90	May 25	5.50	Aug. 27	8.85	Nov. 30	10.14
Mar. 22	5.81	June 29	6.33	Sept. 21	9.48		

13. Detrick. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 21 N., R. 9 W. Drilled unused artesian well in rocks of Permian age, diameter 4 inches, depth 40 feet. Land-surface datum is 1,201.1 feet above msl. Highest water level 31.90 below lsd, July 11, 1951; lowest dry at 40.00, Sept. 5, 1951, Feb. 26, Mar. 31, Apr. 28, 1953. Records available: 1950-54.

Jan. 28	36.49	Apr. 26	36.29	July 26	35.77	Oct. 29	36.54
Feb. 26	36.13	May 25	36.47	Aug. 27	37.00	Nov. 29	37.58
Mar. 22	36.11	June 29	32.64	Sept. 21	37.10		

14. George Patten. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13, T. 20 N., R. 9 W. Drilled unused artesian well in rocks of Permian age, diameter 6 inches, depth 34 feet. Land-surface datum is 1,249.4 feet above msl. Highest water level 18.87 below lsd, Jan. 31, 1952; lowest 23.78 below lsd, July 28, 1950. Records available: 1950-54.

Jan. 29	21.48	Apr. 26	21.69	July 26	22.02	Oct. 28	22.40
Feb. 25	21.46	May 24	21.73	Aug. 26	22.17	Nov. 29	22.48
Mar. 22	21.57	June 28	21.84	Sept. 20	22.23		

15. Hallie Bowles. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, T. 20 N., R. 9 W. Dug unused water-table well in terrace deposit, diameter 32 inches, depth 19 feet. Land-surface datum is 1,229.6 feet above msl. Highest water level 13.36 below lsd, Sept. 3, 20, 1950; lowest 14.21 below lsd, Nov. 29, 1954. Records available: 1950-54.

Jan. 29	13.93	Apr. 26	14.09	July 26	13.92	Oct. 28	14.05
Feb. 25	13.98	May 24	14.00	Aug. 26	13.90	Nov. 29	14.21
Mar. 22	14.07	June 28	13.90	Sept. 20	13.94		

16. L. M. Sturgeon. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 20 N., R. 9 W. Driven unused water-table well in terrace deposit, diameter 1 $\frac{1}{2}$ inches, depth 51 feet, cased to 51. Land-surface datum is 1,214.1 feet above msl. Highest water level 16.09 below lsd, June 5, 1951; lowest 25.83 below lsd, Nov. 29, 1954. Records available: 1950-54.

16--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	23.73	Apr. 26	24.36	July 26	23.49	Oct. 28	25.72
Feb. 25	23.98	May 24	22.80	Aug. 26	24.67	Nov. 29	25.83
Mar. 22	24.20	June 28	20.03	Sept. 20	25.27		

17. George Crow. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 21 N., R. 9 W. Drilled unused artesian well in rocks of Permian age, diameter 4 inches, depth 103 feet. Land-surface datum is 1,307.4 feet above msl. Highest water level 23.56 below lsd, Dec. 5, 1951; lowest 32.19 below lsd, Nov. 29, 1954. Records available: 1950-54.

Jan. 29	30.70	Apr. 26	29.62	Aug. 27	31.34	Oct. 28	32.00
Feb. 25	29.34	June 28	30.30	Sept. 20	31.65	Nov. 29	32.19
Mar. 22	29.42	July 26	30.85				

18. Louis Ott. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 21 N., R. 9 W. Drilled unused artesian well in rocks of Permian age, diameter 6 inches, depth 163 feet. Land-surface datum is 1,315.5 feet above msl. Highest water level 63.13 below lsd, Dec. 5, 1951, Feb. 1, 1952; lowest 67.37 below lsd, Sept. 5, 1951. Records available: 1950-54.

Jan. 29	63.98	Apr. 27	63.87	July 26	65.12	Oct. 29	65.52
Feb. 26	63.71	May 25	63.97	Aug. 27	65.10	Nov. 30	65.52
Mar. 22	63.83	June 29	64.31	Sept. 21	65.60		

19. K. E. Fisher. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 20 N., R. 10 W. Driven unused water-table well in terrace deposit, diameter 1 $\frac{1}{2}$ inches, depth 27 feet. Land-surface datum is 1,156.7 feet above msl. Highest water level 15.66 below lsd, July 11, 1951; lowest 21.18 below lsd, Oct. 29, 1954. Records available: 1950-54.

Jan. 28	19.89	Apr. 26	19.75	July 27	20.48	Oct. 29	21.18
Feb. 26	19.80	May 25	19.73	Aug. 27	19.72	Nov. 30	20.90
Mar. 22	19.76	June 29	20.00	Sept. 21	21.02		

23. City of Fairview. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 32, T. 22 N., R. 11 W. Drilled unused water-table well in terrace deposit, diameter 12 inches, depth 36 feet, cased to 36. Land-surface datum is 1,264.7 feet above msl. Highest water level 20.76 below lsd, Dec. 27, 1950; lowest 25.24 below lsd, Feb. 27, 1953. Records available: 1950-54.

Jan. 28	23.78	Apr. 27	22.96	July 27	23.52	Oct. 29	22.86
Feb. 26	23.62	May 25	23.68	Aug. 27	24.71	Nov. 30	22.74
Mar. 23	23.28	June 29	23.22	Sept. 21	23.22		

24. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 30, T. 21 N., R. 9 W. Drilled observation water-table well in terrace deposit, diameter 1 $\frac{1}{2}$ inches, depth 21 feet, cased to 20. Land-surface datum is 1,216.9 feet above msl. Highest water level 6.05 below lsd, July 11, 1951; lowest 14.33 below lsd, Oct. 31, 1952. Records available: 1950-53. Measurement discontinued.

25. Carl A. Dittrich. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 22 N., R. 10 W. Dug unused water-table well in terrace deposit, diameter 6 inches, depth 38 feet. Land-surface datum is 1,304.0 feet above msl. Highest water level 25.95 below lsd, Aug. 7, 1951; lowest 31.83 below lsd, July 13, 1950. Records available: 1950-54. Jan. 28, 30.27; Feb. 26, 30.65. Measurement discontinued.

26. City of Enid. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 21 N., R. 9 W. Drilled observation water-table well in terrace deposit, diameter 6 inches, depth 60 feet, cased to 60. Land-surface datum is 1,239.7 feet above msl. Highest water level 29.20 below lsd, May 28, 1952; lowest 31.85 below lsd, Jan. 15, 1951. Records available: 1950-54.

Jan. 29	29.95	Apr. 26	29.79	July 26	31.45	Oct. 29	31.75
Feb. 25	29.93	May 24	30.01	Aug. 27	31.76	Nov. 29	31.80
Mar. 22	29.85	June 29	30.46	Sept. 20	31.76		

27. City of Enid. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 21 N., R. 9 W. Drilled observation water-table well in terrace deposit, diameter 6 inches, depth 63 feet, cased to 63. Land-surface datum is 1,232.6 feet above msl. Highest water level 22.98 below lsd, Dec. 5, 1951; lowest 31.09 below lsd, Sept. 20, 1950. Records available: 1950-54.

Jan. 29	24.48	Apr. 26	24.34	July 23	30.71	Oct. 29	26.44
Feb. 25	24.49	May 24	24.73	Aug. 27	27.16	Nov. 29	26.39
Mar. 22	24.37	June 29	29.64	Sept. 20	27.97		

28. Victor Laubhan. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 20 N., R. 9 W. Drilled irrigation water-table well in terrace deposit, diameter 10 inches, reported depth 67 feet. Land-surface datum is 1,180.6 feet above msl. Highest water level 3.41 below lsd, July 11, 1951; lowest 11.62 below lsd, Mar. 31, 1952. Records available: 1950-54. Jan. 28, 9.45; Mar. 22, 9.82; Apr. 26, 10.64; May 25, 9.78; June 29, 10.28; July 26, 11.08; Aug. 27, 11.04.

29. U. S. Geol. Survey. NW. cor. sec. 24, T. 21 N., R. 10 W. Drilled observation water-table well in terrace deposit, diameter $1\frac{1}{2}$ inches, depth 53 feet, screen 51-53. Land-surface datum is 1,247.9 feet above msl. Highest water level 32.22 below lsd, Apr. 29, 1952; lowest 34.74 below lsd, July 22, 1950. Records available: 1950-53. Measurement discontinued.

Oklahoma County

1. Joslyn Production Co. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 13 N., R. 3 W. Drilled unused artesian well in Garber sandstone and Wellington formation, diameter 10 to 8 inches, reported depth 750 feet, cased to 750. Highest water level 150.07 below lsd, June 21, 1943; lowest 186.42 below lsd, Sept. 27, 1954. Records available: 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	171.74	Apr. 30	169.18	July 28	177.64	Sept. 27	186.42
Feb. 19	170.14	May 28	168.14	Aug. 30	178.83	Oct. 25	186.00
Mar. 20	169.66	June 28	168.82				

2. Sunray Oil Co. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 12 N., R. 3 W. 28th St. and Lindsay Ave., Oklahoma City. Drilled unused artesian well in Garber sandstone and Wellington formation, diameter 10 to 8 inches, depth 791 feet, cased to 791. Highest water level 172.92 below lsd, Apr. 29, 1952; lowest 206.85 below lsd, Aug. 29, 1946. Records available: 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	177.50	Apr. 30	176.81	July 28	177.29	Oct. 25	183.98
Feb. 19	177.25	May 28	176.17	Aug. 30	183.93	Nov. 29	186.00
Mar. 20	177.62	June 28	177.40	Sept. 27	181.44	Dec. 22	182.05

3. Skelly Oil Co. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 12 N., R. 3 W. 18th St. and North Lottie Ave., Oklahoma City. Drilled unused artesian well in Garber sandstone and Wellington formation, diameter 8 inches, reported depth 827 feet, cased to 827. Highest water level 192.60 below lsd, Jan. 22, 1952; lowest 238.52 below lsd, Aug. 27, 1943. Records available: 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	200.65	Apr. 30	200.00	July 28	208.52	Oct. 25	213.70
Feb. 19	200.01	May 28	199.62	Aug. 30	211.49	Nov. 29	211.31
Mar. 20	200.16	June 28	203.96	Sept. 27	217.70	Dec. 22	210.05

4. U. S. Air Force. Oklahoma City Air Depot. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 11 N., R. 2 W. Drilled unused artesian well in Garber sandstone and Wellington formation, diameter 10 to 7 inches, depth 703 feet. Highest water level 149.92 below lsd, May 5, 1947; lowest 239.35 below lsd, Sept. 20, 1954. Records available: 1944-54.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	189.87	190.86	.....	.....	201.60	206.57	222.90	230.92	236.82	236.41	221.73	.....
2	185.50	190.03	.....	.....	205.00	206.38	223.60	226.75	237.97	235.78	223.60	.....
3	184.62	.....	.....	.....	207.40	206.36	224.55	227.24	238.40	235.94	222.90	.....
4	187.18	.....	.....	.....	204.02	206.70	224.87	227.06	238.52	234.14	222.59	.....
5	187.40	.....	.....	.....	204.87	206.65	224.92	227.60	238.17	234.51	222.92	.....
6	188.43	.....	.....	.....	203.57	207.34	225.62	227.68	238.73	232.53	223.31	219.02
7	188.72	.....	.....	.....	206.40	210.74	.....	227.78	238.69	230.11	222.57	218.05
8	188.72	.....	.....	.....	.....	209.39	.....	227.60	238.85	230.71	221.70	217.90
9	186.48	.....	.....	.....	.....	209.07	.....	228.44	238.92	233.21	221.35	217.53
10	189.78	.....	.....	.....	.....	210.97	.....	230.30	238.20	233.30	220.95	217.70
11	189.32	.....	.....	.....	h196.17	211.28	.....	231.65	238.20	232.51	221.37	217.73
12	186.35	191.20	207.20	.....	202.40	211.71	226.47	232.15	237.72	230.82	221.52	217.80
13	189.80	191.20	204.92	.....	.....	213.70	226.97	232.61	237.72	230.05	224.40	218.20
14	186.93	190.57	.....	.....	.....	214.30	228.01	233.14	237.70	232.55	223.86	216.98
15	190.16	190.90	.....	.....	.....	214.29	228.18	233.09	238.28	231.24	222.35	216.77
16	190.02	190.70	.....	.....	.....	.....	228.63	232.53	239.18	231.72	221.71	217.30
17	191.81	.....	.....	.....	.....	.....	229.00	233.20	239.10	231.71	222.80	217.02
18	191.81	.....	.....	.....	h197.76	.....	229.59	233.80	238.84	228.89	222.80	217.89
19	190.17	.....	.....	199.06	200.18	.....	228.35	234.10	238.83	228.11	223.90	216.90
20	190.87	.....	204.31	.....	199.45	.....	229.06	234.12	239.35	227.69	223.84	217.21
21	188.68	.....	.....	201.77	204.55	.....	229.16	234.15	239.29	228.40	222.00	217.72
22	190.50	.....	.....	200.62	202.00	h215.84	230.09	233.83	238.48	226.60	221.05	215.67
23	192.20	.....	.....	200.48	203.05	.....	230.15	233.95	238.82	225.19	221.64	216.08
24	193.10	.....	.....	207.12	199.88	.....	.....	234.10	237.80	225.82	221.51	217.06
25	193.16	.....	.....	.....	201.60	.....	.....	234.28	237.78	225.93	220.60	217.00
26	192.38	.....	.....	.....	200.12	.....	229.34	234.82	236.90	225.74	220.12	220.19
27	192.85	.....	.....	.....	205.80	.....	229.38	235.50	236.40	225.74	218.07	220.10
28	191.08	.....	.....	.....	206.32	.....	228.63	236.16	237.25	225.58	216.56	219.95
29	191.32	.....	.....	.....	209.78	222.70	230.62	236.20	237.70	224.58	216.56	219.90
30	189.00	.....	.....	h201.54	209.78	224.54	231.38	235.35	237.11	225.21	.....	.....
31	187.91	.....	.....	.....	.....	.....	231.44	236.26	.....	223.90	.....	.....

h Tape measurement.

6. Oklahoma City Water Department well 5-2. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 12 N., R. 3 W. Reno St. and Pennsylvania Ave. Drilled observation water-table well in alluvium, diameter 2 inches, depth 38 feet, cased to 38. Land-surface datum is 1,187.44 feet above msl. Highest water level 2.65 below lsd, July 2, 1948; lowest 19.79 below lsd, Nov. 24, 1953. Records available: 1942-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	14.69	Apr. 30	12.02	Aug. 30	14.49	Nov. 29	14.34
Feb. 19	13.53	June 28	10.68	Sept. 27	13.32	Dec. 22	13.33
Mar. 20	12.80	July 28	14.36	Oct. 25	14.26		

7. Oklahoma City Water Department well 5-3. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 12 N., R. 3 W. Reno St. and Pennsylvania Ave. Drilled observation water-table well in alluvium, diameter 2 inches, depth 35 feet, cased to 35. Highest water level 2.82 below lsd, May 28, 1947; lowest 19.81 below lsd, Nov. 24, 1953. Records available: 1942-54.

Jan. 23	14.57	Apr. 30	12.01	Aug. 30	14.52	Nov. 29	14.69
Feb. 19	13.50	May 28	11.23	Sept. 27	13.29	Dec. 22	13.36
Mar. 20	12.77	July 28	13.75	Oct. 25	14.42		

9. Oklahoma City Water Department well 26-3. SE. cor. sec. 36, T. 12 N., R. 4 W. Reno St. and May Ave. Drilled observation water-table well in alluvium, diameter 2 inches, depth 35 feet, cased to 35. Highest water level 0.02 below lsd, May 23, 1952; lowest 11.55 below lsd, Dec. 23, 1953. Records available: 1944-54.

Jan. 23	10.88	Apr. 30	9.94	July 28	8.78	Oct. 25	8.72
Feb. 19	10.46	May 28	9.39	Aug. 30	8.77	Nov. 28	9.50
Mar. 20	10.20	June 28	8.96	Sept. 27	8.77	Dec. 22	9.29

10. Oklahoma City Water Department well 26. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 12 N., R. 4 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 42 feet, cased to 42. Land-surface datum is 1,315.63 feet above msl. Highest water level 34.90 below lsd, Feb. 25, 1946; lowest 37.80 below lsd, Jan. 21, 1951. Records available: 1945-54.

Jan. 23	35.58	Apr. 30	35.53	July 28	35.50	Oct. 25	35.81
Feb. 3	35.57	May 28	35.44	Aug. 30	35.68	Nov. 28	35.95
19	35.54	June 28	35.37	Sept. 27	35.70	Dec. 22	35.88
Mar. 20	35.55						

12. Oklahoma City Water Department well 28. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 12 N., R. 4 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 32 feet, cased to 32. Land-surface datum is 1,269.69 feet above msl. Highest water level 13.44 below lsd, Feb. 25, 1946; lowest 18.82 below lsd, Dec. 23, 1953, Feb. 3, 1954. Records available: 1945-54. Jan. 23, 18.80; Feb. 3, 18.82; Feb. 19, 18.79. Measurement discontinued.

15. Oklahoma City Water Department well 23. S $\frac{1}{4}$ sec. 8, T. 12 N., R. 4 W. Drilled observation water-table well in terrace deposit, diameter 2 inches, depth 33 feet, cased to 33. Land-surface datum is 1,295.6 feet above msl. Highest water level 17.9 below lsd, Aug. 17, 1947; lowest 22.07 below lsd, Dec. 22, 1954. Records available: 1943-54.

Mar. 22, 1943	19.8	Feb. 15, 1944	19.2	Mar. 15, 1946	18.3	Aug. 19, 1948	18.7
29	19.2	21	19.3	Apr. 16	18.3	Sept. 16	18.9
Apr. 5	19.1	Mar. 6	19.5	May 15	18.4	Oct. 15	19.1
13	19.1	14	19.5	June 15	18.5	June 13, 1949	19.1
21	19.0	Apr. 11	19.2	July 15	18.6	July 14	18.9
28	19.0	May 18	19.2	Aug. 15	18.8	Aug. 15	19.0
May 5	19.1	June 20	19.1	Sept. 14	18.9	Sept. 19	19.3
12	19.0	July 17	19.2	Oct. 14	19.0	Oct. 17	19.5
21	18.5	Aug. 20	19.7	Nov. 15	19.1	Nov. 16	19.6
28	18.4	Sept. 17	19.9	Dec. 17	19.3	Dec. 31	19.8
June 2	18.3	Oct. 16	19.7	Jan. 14, 1947	19.5	Jan. 14, 1950	19.8
11	18.3	Nov. 12	19.7	Feb. 17	19.6	Feb. 14	20.0
July 1	18.2	Dec. 14	19.8	Mar. 17	19.7	Mar. 15	20.0
8	18.1	Jan. 15, 1945	19.9	Apr. 18	19.5	Apr. 17	20.1
16	18.0	Feb. 15	20.0	May 15	19.1	May 24	20.1
21	18.1	Mar. 16	19.8	June 17	18.8	June 23	20.1
Aug. 4	18.1	Apr. 17	19.6	July 14	18.2	July 30	20.1
19	18.3	May 17	19.1	Aug. 17	17.9	Sept. 2	20.1
27	18.3	June 15	18.7	Nov. 15	19.0	15	19.5
Sept. 2	18.4	July 15	18.5	Dec. 3	19.3	Nov. 12	19.6
11	18.4	Aug. 16	18.4	Jan. 15, 1948	19.4	Dec. 16	19.7
23	18.5	Sept. 14	18.4	Feb. 14	19.7	Jan. 18, 1951	19.8
Oct. 6	18.6	Oct. 15	18.3	Mar. 15	19.5	Feb. 17	19.8
Nov. 1	18.7	Nov. 15	18.1	May 1	19.1	Mar. 15	20.0
Dec. 17	18.9	Dec. 14	18.3	22	19.2	Apr. 16	20.2
Jan. 29, 1944	19.3	Jan. 22, 1946	18.5	June 14	19.2	May 16	20.1
Feb. 7	19.1	Feb. 15	18.6	July 19	18.7	June 15	19.6

15--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 17, 1951	19.1	June 14, 1952	20.7	Apr. 15, 1953	21.1	Feb. 19, 1954	21.29
Aug. 15	19.1	July 16	20.3	May 14	21.0	Mar. 20	21.31
Sept. 15	19.3	Aug. 15	20.4	June 15	21.1	Apr. 30	21.47
Oct. 16	19.4	Sept. 15	20.6	July 15	21.2	May 28	21.28
Nov. 23	19.6	Oct. 15	20.7	Aug. 17	21.2	June 28	21.40
Dec. 21	19.8	Nov. 17	20.9	Sept. 15	21.3	July 28	21.59
Jan. 16, 1952	19.9	Dec. 15	21.0	Oct. 15	21.4	Sept. 27	21.82
Feb. 15	20.0	Jan. 15, 1953	21.1	Nov. 16	21.5	Oct. 28	21.89
Mar. 14	20.1	Feb. 16	21.2	Dec. 16	21.5	Nov. 28	21.94
Apr. 14	20.2	Mar. 16	21.3	Jan. 15, 1954	21.5	Dec. 22	22.07
May 16	20.2						

Payne County

1. Mrs. Vern G. Phelps. SW $\frac{1}{4}$ sec. 15, T. 19 N., R. 4 E. Drilled water-table well in rocks of early Permian age, diameter 1 $\frac{1}{2}$ inches (1 $\frac{1}{2}$ inch casing inside 8-inch casing), depth 21 feet. Highest water level 1.45 below lsd, Mar. 22, 1952; lowest 7.89 below lsd, Oct. 30, 1939. Records available: 1934-54.

Jan. 29	5.17	Apr. 26	5.17	July 26	5.75	Oct. 25	6.47
Feb. 26	4.97	May 28	4.66	Aug. 26	6.24	Nov. 25	6.55
Mar. 26	5.14	June 26	5.15	Sept. 26	6.62	Dec. 21	6.55

3. V. D. Hesser. NW $\frac{1}{4}$ sec. 23, T. 20 N., R. 3 E. Drilled water-table well in rocks of early Permian age, diameter 6 inches, depth 27 feet. Highest water level 1.20 below lsd, May 27, 1943; lowest 13.01 below lsd, Oct. 26, 1940. Records available: 1934-54.

Jan. 29	10.47	Apr. 26	10.76	June 26	9.45	Aug. 26	10.75
Feb. 26	10.38	May 28	8.62	July 26	10.27	Dec. 21	11.60
Mar. 26	11.11						

4. W. O. Snyder. NW $\frac{1}{4}$ sec. 2, T. 19 N., R. 3 E. Drilled water-table well in rocks of early Permian age, diameter 6 inches, depth 34 feet. Highest water level 6.72 below lsd, Apr. 27, 1942; lowest 24.29 below lsd, Aug. 27, 1940. Records available: 1934-54.

Jan. 29	21.98	Apr. 26	21.85	July 26	22.84	Oct. 25	23.57
Feb. 26	21.88	May 28	21.55	Aug. 26	23.19	Nov. 25	23.68
Mar. 26	21.85	June 26	22.17	Sept. 26	23.43	Dec. 21	23.81

7. Charles Focht. NW $\frac{1}{4}$ sec. 20, T. 19 N., R. 3 E. Drilled water-table well in rocks of early Permian age, diameter 6 inches, depth 30 feet. Highest water level 2.17 below lsd, Apr. 27, 1942, Sept. 29, 1945; lowest 25.57 below lsd, Oct. 26, 1940. Records available: 1934-54.

Jan. 29	20.14	Apr. 26	20.70	July 26	20.73	Oct. 25	23.37
Feb. 26	20.25	May 28	20.13	Aug. 26	21.57	Nov. 25	24.14
Mar. 26	20.45	June 26	19.85	Sept. 26	22.54	Dec. 21	23.53

9. Simon A. Laughlin. SW $\frac{1}{4}$ sec. 21, T. 20 N., R. 2 E. Drilled water-table well in rocks of early Permian age, diameter 6 inches, depth 41 feet. Highest water level 10.95 below lsd, Apr. 29, 1942; lowest 36.29 below lsd, Apr. 5, 1937. Records available: 1934-54.

Jan. 29	20.90	Apr. 26	21.93	July 26	21.02	Oct. 25	21.11
Feb. 26	21.05	May 28	21.42	Aug. 26	21.19	Nov. 25	21.28
Mar. 26	21.79	June 26	20.68	Sept. 26	21.19	Dec. 21	21.39

13. Erma T. Pool. SW $\frac{1}{4}$ sec. 23, T. 19 N., R. 1 E. Drilled water-table well in rocks of early Permian age, diameter 7 inches, depth 47 feet. Highest water level 22.18 below lsd, Oct. 27, 1946; lowest 27.91 below lsd, Jan. 28, 1941. Records available: 1934-54.

Jan. 29	24.83	Apr. 26	24.75	July 26	25.04	Oct. 25	24.92
Feb. 26	24.25	May 28	24.71	Aug. 26	24.83	Nov. 25	25.19
Mar. 26	25.12	June 26	25.10	Sept. 26	24.95	Dec. 21	25.30

15. Lovell Bros. NE $\frac{1}{4}$ sec. 35, T. 19 N., R. 3 E. Drilled water-table well in rocks of early Permian age, diameter 6 inches, depth 49 feet. Highest water level 30.04 below lsd, Oct. 26, 1950; lowest 39.73 below lsd, May 24, 1939. Records available: 1934-54.

Jan. 29	32.62	Apr. 26	32.44	July 26	32.69	Oct. 25	32.79
Feb. 26	32.09	May 28	32.27	Aug. 26	32.59	Nov. 25	33.14
Mar. 26	32.90	June 26	32.54	Sept. 26	32.76	Dec. 21	32.35

18. John Wolf. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 18 N., R. 3 E. Drilled water-table well in rocks of early Permian age, diameter 6 inches, depth 39 feet. Highest water level 20.02 below lsd, July 28, 1952; lowest 22.20 below lsd, Dec. 21, 1954. Records available: 1951-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	21.60	Apr. 26	21.82	June 26	21.93	Aug. 26	22.07
Feb. 26	21.67	May 28	21.79	July 26	21.97	Dec. 21	22.20
Mar. 26	21.77						

Roger Mills County

1. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 13 N., R. 23 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 16 feet, cased to 16, screen 14-16. Highest water level 1.89 below lsd, May 17, 1949; lowest 8.74 below lsd, Dec. 3, 1954. Records available: 1947-54. June 9, 3.22; Dec. 3, 8.74.

2. Joseph W. Millhouse. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 15 N., R. 24 W. Drilled unused water-table well in rocks of Permian age, diameter 7 inches, depth 53 feet. Highest water level 21.20 below lsd, Oct. 29, 1949; lowest 25.08 below lsd, Oct. 13, 1953. Records available: 1949, 1951-53. No measurement made in 1954.

Seminole County

1. Skelly Gas Corp. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 9 N., R. 6 E. Drilled unused artesian well in Vamoosa formation, diameter 8 inches, depth 496 feet. Highest water level 92.34 below lsd, May 13, 1954; lowest 115.88 below lsd, Sept. 28, 1948. Records available: 1948-54. Nearby well being pumped.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	93.93	95.50	94.57	94.73	93.24	94.43	96.04	97.19	98.86	98.86	97.61	.....
2	94.72	94.64	95.33	95.10	94.44	93.22	96.50	97.93	99.65	.....	97.62	.....
3	95.64	93.93	95.97	94.18	94.95	93.93	96.18	98.35	100.36	.....	97.55	.....
4	95.94	93.76	95.28	93.64	94.12	94.54	96.66	97.33	100.52	h98.10	h97.19	.....
5	94.96	94.43	94.37	93.45	93.59	93.52	97.04	97.92	99.75	98.11	98.54	.....
6	94.32	94.13	94.05	93.29	93.37	93.06	96.00	98.44	99.39	98.10	98.77	96.40
7	94.01	93.89	93.96	93.39	93.10	.....	95.46	97.47	99.01	99.31	97.77	.....
8	94.81	93.84	93.78	93.93	93.10	.....	95.31	96.86	98.63	99.65	97.44	.....
9	95.31	93.42	93.56	94.39	93.07	.....	96.47	97.49	99.84	98.63	97.38	97.49
10	94.46	93.20	93.24	94.96	93.95	93.29	97.35	98.12	100.20	.....	97.30	97.72
11	94.09	95.03	94.45	94.11	93.24	.....	97.63	97.15	99.22	.....	97.30	96.72
12	94.03	95.46	94.94	93.87	93.12	.....	97.36	97.84	99.14	97.73	98.33	.....
13	93.97	94.37	94.16	93.84	92.60	.....	97.80	98.34	98.82	98.90	98.61	96.08
14	93.62	93.61	94.01	94.13	92.53	.....	96.80	97.35	98.25	99.55	97.71	95.91
15	94.90	94.00	93.93	95.37	92.55	.....	97.61	98.34	98.95	.....	97.26	95.90
16	95.35	93.75	93.93	95.68	92.51	.....	98.08	98.72	99.51	.....	96.97	96.51
17	94.52	93.70	93.76	95.84	93.91	.....	97.54	97.67	98.68	.....	96.71	96.40
18	94.00	93.50	94.43	94.83	94.32	.....	97.49	97.31	98.22	97.63	97.92	96.71
19	93.55	93.16	94.97	95.29	93.30	.....	97.82	98.41	99.31	.....	98.35	96.20
20	93.82	93.83	94.19	95.53	92.90	.....	97.45	99.30	98.67	98.50	.....	96.09
21	93.86	93.62	93.83	94.47	92.81	95.66	97.68	99.47	97.92	98.35	.....	95.87
22	93.86	93.79	93.55	94.78	92.84	.....	98.29	98.30	.....	97.83	96.70	95.84
23	93.65	93.59	93.52	94.34	92.92	.....	98.34	97.79	.....	97.68	.....	95.67
24	94.53	93.39	93.36	94.90	94.12	.....	98.73	97.62	h98.98	97.50	h96.53	96.78
25	95.11	93.14	94.94	95.36	94.44	.....	97.66	97.45	98.87	98.49	.....	97.31
26	94.29	93.14	95.46	94.38	93.27	h94.60	98.20	98.73	99.50	.....	.....	96.44
27	94.08	93.25	94.47	93.92	93.71	94.69	98.57	99.69	99.68	.....	.....	96.12
28	94.08	93.28	93.87	93.72	92.53	96.04	97.45	100.18	98.65	.....	.....	95.93
29	93.81	.....	93.50	93.53	92.59	95.10	98.07	100.40	99.48	.....	96.69	95.75
30	93.89	.....	93.46	93.44	92.62	94.91	98.69	100.52	99.78	.....	96.63	.....
31	95.17	.....	93.49	.....	94.13	.....	97.78	99.55	.....	.....	.....	.....

h Tape measurement.

Texas County

40. August Lorenz. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 3 N., R. 17 E. Drilled stock water-table well in Ogallala formation, diameter 5 inches, depth 97 feet. Land-surface datum is 2,931 feet above msl. Highest water level 86.69 below lsd, May 20, 1952; lowest 91.09 below lsd, Jan. 25, 1941. Records available: 1937-54. May 18, 86.77.

125. J. Donald Hughes. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 1 N., R. 18 E. Drilled unused water-table well in alluvium, diameter 20 inches, depth 27 feet, cased 8-27. Highest water level 3.49 below lsd, Nov. 27, 1946; lowest 9.32 below lsd, May 26, 1950. Records available: 1939-54. May 18, 8.22.

130. Robert Johnson. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 1 N., R. 19 E. Drilled unused water-table well in alluvium, diameter 20 inches, depth 32 feet, cased 5-32, perforations 7-32. Highest water level 5.55 below lsd, Apr. 24, 1942; lowest 9.24 below lsd, May 26, 1950. Records available: 1939-52, 1954. May 18, 8.26.

138. Joe Sutton. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 1 N., R. 19 E. Drilled irrigation water-table well in alluvium, diameter 20 inches, depth 26 feet. Highest water level 5.92 below lsd, Apr. 29, 1947; lowest 10.34 below lsd, May 30, 1953. Records available: 1939-54. May 18, 9.45.

176. W. N. Ballinger. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 18, T. 3 N., R. 15 E. Drilled unused water-table well in alluvium, diameter 19 inches, depth 30 feet, cased 5-30. Highest water level 4.50 below lsd, Oct. 26, 1946; lowest 9.39 below lsd, July 26, 1938. Records available: 1937-54. May 14, 7.00.

188. Wiggins. NW $\frac{1}{4}$ sec. 1, T. 2 N., R. 14 E. Drilled unused water-table well in Ogallala formation, diameter 7 inches, reported depth 254 feet, cased to 254. Highest water level 119.35 below lsd, May 14, 1954; lowest 123.24 below lsd, Jan. 26, 1940. Records available: 1938-54. May 14, 119.35.

228. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 2 N., R. 17 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 10 feet, screen 8-10. Highest water level 2.83 below lsd, July 20, 1950, May 25, 1951; lowest 7.96 below lsd, Oct. 26, 1953. Records available: 1946-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	5.70	Mar. 16	5.39	Apr. 27	5.56	Aug. 31	6.53
Feb. 4	5.62	22	5.38	May 4	5.42	Sept. 23	7.42
8	5.59	Apr. 7	5.39	14	5.40	Oct. 5	7.58
16	5.55	12	5.38	27	5.14	15	7.64
Mar. 1	5.45	16	5.40	June 7	5.71	25	7.72
11	5.33	22	5.47	July 9	7.03		

281. C. F. Webb. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 3 N., R. 11 E. Drilled unused water-table well in Ogallala formation, diameter 15 inches, depth 109 feet. Land-surface datum is 3,533 feet above msl. Highest water level 86.62 below lsd, June 8, 1954; lowest 89.40 below lsd, Oct. 30, 1944. Records available: 1938, 1942-54. June 8, 86.62.

294. Robbins Ranch. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 3 N., R. 13 E. Drilled unused water-table well in rocks of Triassic age, diameter 5 inches, depth 57 feet, cased to 57. Highest water level 41.31 below lsd, May 21, 1952; lowest 43.10 below lsd, Apr. 29, 1947. Records available: 1937-54. May 18, 42.15.

309. U. S. Geol. Survey. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 3 N., R. 14 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 16 feet, perforations 14-18. Highest water level 9.04 below lsd, May 7, 1951; lowest 11.03 below lsd, May 23, 1950. Records available: 1946-54. May 14, 10.45.

332. John A. Wright Estate. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 3 N., R. 15 E. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 75 feet, cased to 75. Highest water level 63.23 below lsd, May 7, 1951; lowest 67.02 below lsd, Nov. 22, 1939. Records available: 1937-46, 1949-54. May 14, 64.96.

354. A. M. Fankhauser. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 6 N., R. 15 E. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 167 feet, cased to 167. Highest water level 142.02 below lsd, May 14, 1954; lowest 148.47 below lsd, Oct. 21, 1942. Records available: 1937-42, 1946-50, 1952-54. May 14, 142.02.

406. G. R. Beaman and others. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 4 N., R. 11 E. Drilled unused water-table well in Ogallala formation, depth 111 feet, cased to 111. Highest water level 75.47 below lsd, June 8, 1954; lowest 78.78 below lsd, May 18, 1946. Records available: 1946-54. June 8, 75.47.

415. Donald A. Nicholas. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 4 N., R. 12 E. Drilled well in Ogallala formation, diameter 5 inches, depth 177 feet. Highest water level 152.01 below lsd, June 8, 1954; lowest 152.49 below lsd, May 21, 1952. Records available: 1952-54. June 8, 152.01.

497. R. M. Van Hying. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 4 N., R. 19 E. Drilled unused water-table well in Ogallala formation, diameter 12 to 8 inches, reported depth 280 feet, cased to 280, perforations 100-280. Land-surface datum is 2,820 feet above msl. Highest water level 95.62 below lsd, June 14, 1954; lowest 104.06 below lsd, Sept. 20, 1938. Records available: 1937-54. June 14, 95.62.

589. George Hoferber. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 4 N., R. 17 E. Drilled stock water-table well in Ogallala formation, diameter 5 inches, depth 142 feet, cased to 142. Land-surface datum is 2,935 feet above msl. Highest water level 111.99 below lsd, May 14, 1954; lowest 119.70 below lsd, Nov. 23, 1940. Records available: 1937-54. May 14, 111.99.

725. U. S. Geol. Survey. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, T. 3 N., R. 15 E. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 18 feet, cased to 18, perforations 16-18. Highest water level 7.85 below lsd, Apr. 27, 1947; lowest 9.28 below lsd, Oct. 20, 1947. Records available: 1946-54. May 18, 8.25.

761. Federal Life Insurance Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 3 N., R. 19 E. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 117 feet, cased to 117. Land-surface datum is 2,834 feet above msl. Highest water level 85.58 below lsd, May 20, 1952; lowest 108.04 below lsd, Dec. 3, 1937. Records available: 1937-54. June 14, 92.28.

765. O. Jolliff. SW $\frac{1}{4}$ sec. 26, T. 3 N., R. 19 E. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 120 feet, cased to 120 feet. Land-surface datum is 2,765 feet above msl. Highest water level 101.60 below lsd, June 14, 1954; lowest 105.40 below lsd, May 16, 1946. Records available: 1937-54. June 14, 101.60.

842. C. A. Rahm. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 6 N., R. 16 E. Drilled stock water-table well in Ogallala formation, diameter 5 inches, depth 145 feet, cased to 145. Land-surface datum is 3,118 feet above msl. Highest water level 103.26 below lsd, May 21, 1952; lowest 122.87 below lsd, Sept. 24, 1940. Records available: 1937-49, 1952-54. May 14, 105.00.

Tillman County

1. Southwestern Cotton Substation. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, T. 1 S., R. 19 W. Drilled irrigation water-table well in terrace deposit, diameter 20 inches, reported depth 54 feet, cased to 54. Highest water level 18.38 below lsd, June 2, 1947; lowest 34.90 below lsd, Aug. 16, 1954. Records available: 1944-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	24.75	Apr. 5	34.59	July 5	24.19	Oct. 4	28.98
11	24.70	12	30.51	12	24.24	11	28.48
18	24.73	19	29.92	19	24.48	18	28.10
25	24.67	26	29.24	26	26.77	25	27.90
Feb. 1	24.63	May 3	28.51	Aug. 2	30.41	Nov. 1	27.73
8	24.65	10	27.18	9	31.34	8	27.82
15	25.30	17	26.36	16	34.90	15	27.76
22	24.69	24	25.64	23	32.06	22	27.54
Mar. 1	24.69	31	24.05	30	32.72	29	27.33
8	24.84	June 7	23.97	Sept. 6	31.99	Dec. 6	27.36
15	25.04	14	23.94	13	31.77	13	27.10
22	28.04	21	24.02	20	30.61	20	27.06
26	31.43	28	24.04	27	30.85	27	26.96
29	34.24						

12. J. W. Boyd. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 1 S., R. 19 W. Drilled irrigation water-table well in terrace deposit, diameter 18 inches, reported depth 53 feet. Highest water level 16.59 below lsd, Apr. 10, 1952; lowest 24.45 below lsd, Oct. 2, 1953. Records available: 1949-50, 1952-54. Apr. 6, 21.77; Feb. 3, 21.66; Mar. 3, 22.06; Mar. 26, 22.77; Apr. 30, 23.51; June 25, 22.04. Measurement discontinued.

13. Oran Roberts. SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 1 S., R. 19 W. Drilled irrigation water-table well in terrace deposit, diameter 14 inches, depth 33 feet, cased to 33. Highest water level 7.18 below lsd, Apr. 10, 1952; lowest 10.95 below lsd, Aug. 25, 1954. Records available: 1949-54.

Jan. 6	9.08	Mar. 26	9.82	Aug. 25	10.95	Dec. 3	10.71
Feb. 3	9.09	Apr. 30	9.62	Sept. 24	10.87	27	10.59
Mar. 3	9.35	June 25	7.49	Oct. 25	10.62		

15. I. W. Kinney. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, T. 1 S., R. 19 W. Drilled irrigation water-table well in terrace deposit, diameter 14 inches, reported depth 45 feet. Highest water level 21.11 below lsd, Oct. 19, 1949; lowest 31.11 below lsd, Aug. 25, 1954. Records available: 1949-50, 1952-54.

15--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	24.00	Apr. 30	25.00	July 22	26.74	Oct. 25	24.79
Feb. 4	24.02	May 28	24.21	Aug. 25	31.11	Dec. 3	24.32
Mar. 3	24.17	June 25	23.59	Sept. 24	25.92	27	24.20
26	24.43						

19. Clark. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 1 S., R. 18 W. Drilled irrigation water-table well in terrace deposit, diameter 10 inches, depth 52 feet. Highest water level 23.50 below lsd, Oct. 19, 1949; lowest 26.38 below lsd, Oct. 2, 1953, Aug. 2, 1954. Records available: 1949-54.

Jan. 6	25.15	Apr. 30	25.50	July 22	25.48	Oct. 25	25.86
Feb. 3	25.09	May 28	25.33	Aug. 25	26.38	Dec. 3	25.79
Mar. 3	25.21	June 25	25.31	Sept. 24	26.00	27	25.68
26	25.21						

22. T. G. Jennings. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 1 S., R. 19 W. Drilled irrigation water-table well in terrace deposit, diameter 14 inches, reported depth 55 feet. Highest water level 21.28 below lsd, Jan. 30, 1952; lowest 31.33 below lsd, Sept. 24, 1954. Records available: 1952-54.

Jan. 7	22.87	Mar. 26	23.06	June 25	21.80	Oct. 25	27.14
Feb. 4	22.82	Apr. 30	24.87	July 22	22.50	Dec. 3	25.65
Mar. 3	23.20	May 28	22.12	Sept. 24	31.33	27	25.69

25. M. H. Swartz, owner; G. C. Swartz, tenant. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 1 N., R. 17 W. Drilled domestic and stock water-table well in terrace deposit, diameter 6 inches, depth 43 feet. Highest water level 29.82 below lsd, June 5, 1953; lowest 34.50 below lsd, Dec. 9, 1952. Records available: 1952-54.

Jan. 7	29.90	Apr. 30	30.34	July 22	30.57	Oct. 25	30.57
Feb. 4	30.34	May 28	30.24	Aug. 25	31.22	Dec. 3	30.27
Mar. 3	29.87	June 25	29.84	Sept. 24	30.87	27	30.69
26	30.46						

26. James Riggs. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 1 N., R. 18 W. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 34 feet. Highest water level 7.26 below lsd, June 25, 1954; lowest 12.15 below lsd, June 4, 1953. Records available: 1953-54.

Jan. 7	10.17	Mar. 26	10.74	July 22	8.85	Oct. 25	11.63
Feb. 4	10.38	Apr. 30	10.92	Aug. 25	10.22	Dec. 3	11.82
Mar. 3	10.61	June 25	7.26	Sept. 24	11.04		

27. G. W. Trimue. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 1 N., R. 18 W. Drilled domestic water-table well in terrace deposit, diameter 6 inches, depth 42 feet. Highest water level 26.06 below lsd, Dec. 16, 1952; lowest 27.76 below lsd, May 28, 1954. Records available: 1952-54.

Jan. 7	27.42	Apr. 30	27.74	July 22	27.42	Oct. 25	27.34
Feb. 4	27.44	May 28	27.76	Aug. 25	27.18	Dec. 3	27.50
Mar. 3	27.50	June 25	27.55	Sept. 24	27.20	27	27.57
26	27.61						

28. Mollie Cody. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 1 N., R. 19 W. Drilled domestic and stock water-table well in terrace deposit, diameter 6 inches, reported depth 54 feet. Highest water level 21.07 below lsd, July 22, 1954; lowest 22.16 below lsd, Oct. 2, 1953. Records available: 1952-54.

Jan. 7	21.94	Apr. 30	22.13	July 22	21.07	Oct. 25	22.08
Feb. 4	21.90	May 28	21.80	Aug. 25	21.61	Dec. 3	22.08
Mar. 3	21.90	June 25	21.23	Sept. 24	21.93	27	21.96
26	21.93						

30. Darnell. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 1 S., R. 18 W. Dug domestic water-table well in terrace deposit, diameter 6 inches, depth 24 feet. Highest water level 20.08 below lsd, May 28, 1954; lowest 23.15 below lsd, Sept. 24, 1954. Records available: 1953-54.

Jan. 7	21.86	Apr. 30	22.32	July 22	21.44	Oct. 25	21.70
Feb. 4	22.04	May 28	20.08	Aug. 26	21.50	Dec. 3	21.85
Mar. 3	22.04	June 25	21.36	Sept. 24	23.15	27	22.05
26	22.25						

31. Leon Stansell. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 1 S., R. 19 W. Drilled domestic and stock water-table well in terrace deposit, diameter 7 inches, depth 41 feet, cased to 41. Highest water level 23.11 below lsd, June 4, 1953; lowest 26.00 below lsd, Dec. 27, 1954. Records available: 1952-54.

Jan. 7	23.52	Apr. 30	24.37	July 22	23.59	Oct. 25	25.39
Feb. 4	23.53	May 28	23.76	Aug. 25	25.20	Dec. 3	25.85
Mar. 3	23.66	June 25	24.35	Sept. 24	25.67	27	26.00
26	24.18						

32. John Simmons. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 2 S., R. 18 W. Drilled observation water-table well in terrace deposit, diameter 6 inches, depth 36 feet. Highest water level 25.30 below lsd, Feb. 19, 1953; lowest 26.74 below lsd, Apr. 30, 1954. Records available: 1953-54. Jan. 6, 26.48; Feb. 3, 26.43; Mar. 3, 26.50; Mar. 26, 26.57; Apr. 30, 26.74. Measurement discontinued.

33. Walter Ray, owner; Lawrence T. Richard, tenant. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 2 S., R. 19 W. Drilled irrigation water-table well in terrace deposit, diameter 14 inches, depth 60 feet, cased to 60. Highest water level 33.14 below lsd, Jan. 14, 1953; lowest 36.05 below lsd, Dec. 3, 1954. Records available: 1953-54. Jan. 6, 34.05; Feb. 3, 33.94; Mar. 3, 34.12; June 25, 35.46; Sept. 24, 36.00; Dec. 3, 36.05; Dec. 27, 34.51.

34. M. L. Wells. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 3 S., R. 18 W. Dug observation water-table well in terrace deposit, diameter 24 inches, depth 20 feet, cased to 20. Highest water level 17.14 below lsd, Mar. 6, 1953; lowest 17.55 below lsd, Mar. 26, 1954. Records available: 1953-54. Jan. 6, 17.36; Feb. 3, 17.33; Mar. 3, 17.35; Mar. 26, 17.55; Apr. 30, 17.44. Measurement discontinued.

35. Banker, owner; Haynie, tenant. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 3 S., R. 19 W. Drilled observation water-table well in terrace deposit, diameter 5 inches, reported depth 60 feet, cased to 60. Highest water level 27.50 below lsd, Jan. 25, 1952; lowest 35.09 below lsd, Aug. 26, 1954. Records available: 1952-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	29.38	Apr. 30	31.78	July 22	32.59	Oct. 25	30.88
Feb. 3	29.42	May 28	30.25	Aug. 26	35.09	Dec. 3	33.67
Mar. 3	29.65	June 25	30.00	Sept. 24	32.59	27	31.10
26	33.18						

36. Harold Grand. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 3 S., R. 19 W. Drilled stock water-table well in terrace deposit, diameter 6 inches, depth 48 feet, cased to 48. Highest water level 34.23 below lsd, Feb. 12, 1953; lowest 35.22 below lsd, June 25, 1954. Records available: 1953-54.

Feb. 3	34.80	Apr. 30	34.93	Aug. 26	34.99	Dec. 3	35.14
Mar. 3	34.87	June 25	35.22	Sept. 24	35.07	27	35.19
26	34.96	July 22	34.96	Oct. 25	35.07		

Washita County

6. D. M. Holland. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 9 N., R. 14 W. Drilled unused water-table well in Rush Springs sandstone, diameter 6 inches, depth 162 feet. Highest water level 123.08 below lsd, May 20, 1950; lowest 125.16 below lsd, May 27, 1950. Records available: 1949-54.

Feb. 12	124.47	May 14	124.14	Aug. 13	124.13	Oct. 15	124.35
Mar. 12	123.71	June 11	123.98	Sept. 10	124.33	Nov. 12	124.39
Apr. 9	124.23	July 9	124.02				

13. W. A. Bennett. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 10 N., R. 14 W. Drilled domestic water-table well in Rush Springs sandstone, diameter 6 inches, depth 91 feet. Highest water level 71.59 below lsd, Jan. 4, 1953; lowest 76.41 below lsd, Nov. 29, 1952. Records available: 1951-54.

Feb. 12	75.46	May 14	75.41	Aug. 13	75.53	Oct. 15	75.54
Mar. 12	75.47	June 11	75.41	Sept. 10	75.56	Nov. 12	75.53
Apr. 9	75.41	July 9	75.42				

Woodward County

4. William and Grace Ertz. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 23 N., R. 20 W. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 27 feet. Highest water level 1.35 below lsd, Oct. 31, 1946; lowest 6.81 below lsd, July 31, 1954. Records available: 1945-54. May 19, 5.06; June 9, 4.84; July 31, 6.81; Dec. 2, 6.53.

6. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 24 N., R. 22 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 17 feet, cased to 17, screen 11-17. Highest water level 9.79 below lsd, July 9, 1951; lowest 15.36 below lsd, July 23, 1953. Records available: 1951-54. May 20, 11.27; June 9, 11.17; July 27, 13.60; Dec. 2, 14.11.

7. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 24 N., R. 22 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ inches, depth 13 feet, cased to 13, screen 11-13. Highest water level 3.36 below lsd, Apr. 23, 1951; lowest 6.45 below lsd, Dec. 2, 1954. Records available: 1951-54. May 20, 5.19; June 9, 5.25; July 27, 6.17; Dec. 2, 6.45.

10. U. S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 20 N., R. 17 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 13 feet, cased to 13. Highest water level 4.00 below lsd, July 9, 1951; lowest 9.33 below lsd, Dec. 2, 1954. Records available: 1951-54. June 9, 5.20; July 31, 8.00; Dec. 2, 9.33.

11. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 22 N., R. 20 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 11 feet. Highest water level 3.03 below lsd, May 17-18, 1952; lowest 6.54 below lsd, Dec. 2, 1954. Records available: 1952-54. June 9, 4.85; July 27, 6.21; Dec. 2, 6.54.

12. U. S. Geol. Survey. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 31, T. 21 N., R. 18 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 16 feet, cased to 15. Highest water level 5.70 below lsd, May 18, 1952; lowest 9.91 below lsd, Dec. 2, 1954. Records available: 1952-54. June 9, 6.30; July 27, 8.45; Dec. 2, 9.91.

TEXAS

By C. R. Follett and B. W. Swartz

Scope of Water-Level Program

The observation well-program in Texas, begun in 1929 in cooperation with the Texas State Board of Water Engineers, was continued in 1954. This program includes the maintenance of a network of observation wells in some of the principal ground-water reservoirs to provide basic data on changes in the amount of water in storage and potentialities of future supply. Water-level measurements were made in 2,700 wells in 71 counties and recording gages were maintained on 50 wells during 1954. Figures 29-44 show the location of observation wells listed in this report.

Precipitation

Drought conditions continued in 1954 with a statewide average of 18.30 inches, less than two-thirds of average normal precipitation. The only year of record with less rainfall was 1917, when the average was 16.21 inches. Precipitation was above normal in April, May, and October but below normal in the other months, according to the records of the U. S. Weather Bureau. The average yearly precipitation decreases from east to west. The area east of the 97th meridian is humid to semihumid. At Bon Wier, a typical station for this area, 42.53 inches of rainfall was recorded in 1954; the yearly average is 56.13 inches. The area from the 97th to the 101st meridian is semihumid to semiarid. There was a deficiency of 23.76 inches at Austin; the average rainfall is 35.13 inches. West of the 101st meridian, the area is semiarid to arid. The yearly average precipitation at El Paso is 7.83 inches. The area at Fabens in west Texas had the least rainfall in 1954, only 4.67 inches; Marshall had the most, 45.96 inches; Angleton had the greatest rainfall deficiency, 26.27 inches.

Interpretation of Water-Level Fluctuations

El Paso County.--Water levels in the El Paso district gradually declined from January to September and then reversed the trend. The water level in well 76 rose to 255.76 feet, a net decline of 1.66 feet for 1954. Water levels in the upper valley declined at about the same rate as the water levels in and near El Paso. More than 400 irrigation wells have been drilled in the lower valley, where about 12,000 acres are under irrigation, to supplement the surface-water supply that has been reduced by drought conditions and low flow in the Rio Grande. The water levels in 10 observation wells in this area declined from 0.5 foot to 8.54 feet, but no definite decline pattern was indicated. (See fig. 45.)

Hudspeth, Culberson, and Jeff Davis Counties.--In Hudspeth County, a narrow belt along the Rio Grande has been irrigated for many years with surface water. Water from wells is used for irrigation in the Dell City area. Since 1947, the Dell City area has increased to 27,000 acres irrigated from 287 wells. In 1954, about 75,000 acre-feet of water was pumped, causing a decline in water levels from 2.85 feet in well 4 to 5.81 feet in well 58 in the center of the irrigated area. Figure 46 gives the precipitation record at nearby Salt Flat and hydrographs of three wells.

Culberson County has two irrigation areas: Wildhorse Valley, about 6 miles square, 14 miles northeast of Van Horn, and the Lobo Flats area extending from 10 miles south of Van Horn into the northwestern part of Jeff Davis County. The yield obtained during tests of the first well drilled in the Lobo Flats area in the summer of 1948 led to the drilling of 61 wells during the next 2½ years. Later other irrigation wells were drilled. During 1954, water levels in 16 observation wells in the Lobo Flats area declined from 1.0 foot in well S-27 to 9.15 feet in well S-53. In 1954, water levels in 19 observation wells in Wildhorse Valley ranged from a rise of 11.32 feet in well C-124 to a decline of 7.89 feet in well C-138, an average net decline for the area of 0.52 foot. Figure 47 gives the precipitation record at Van Horn and hydrographs of five wells in the Lobo Flats area.

Winter Garden district.--The Winter Garden district includes Dimmit, Zavala, and the northeastern part of Maverick Counties. For the past 35 years irrigated crops have been grown throughout the year. Most vegetables are grown as a winter crop; cotton and grasses are grown

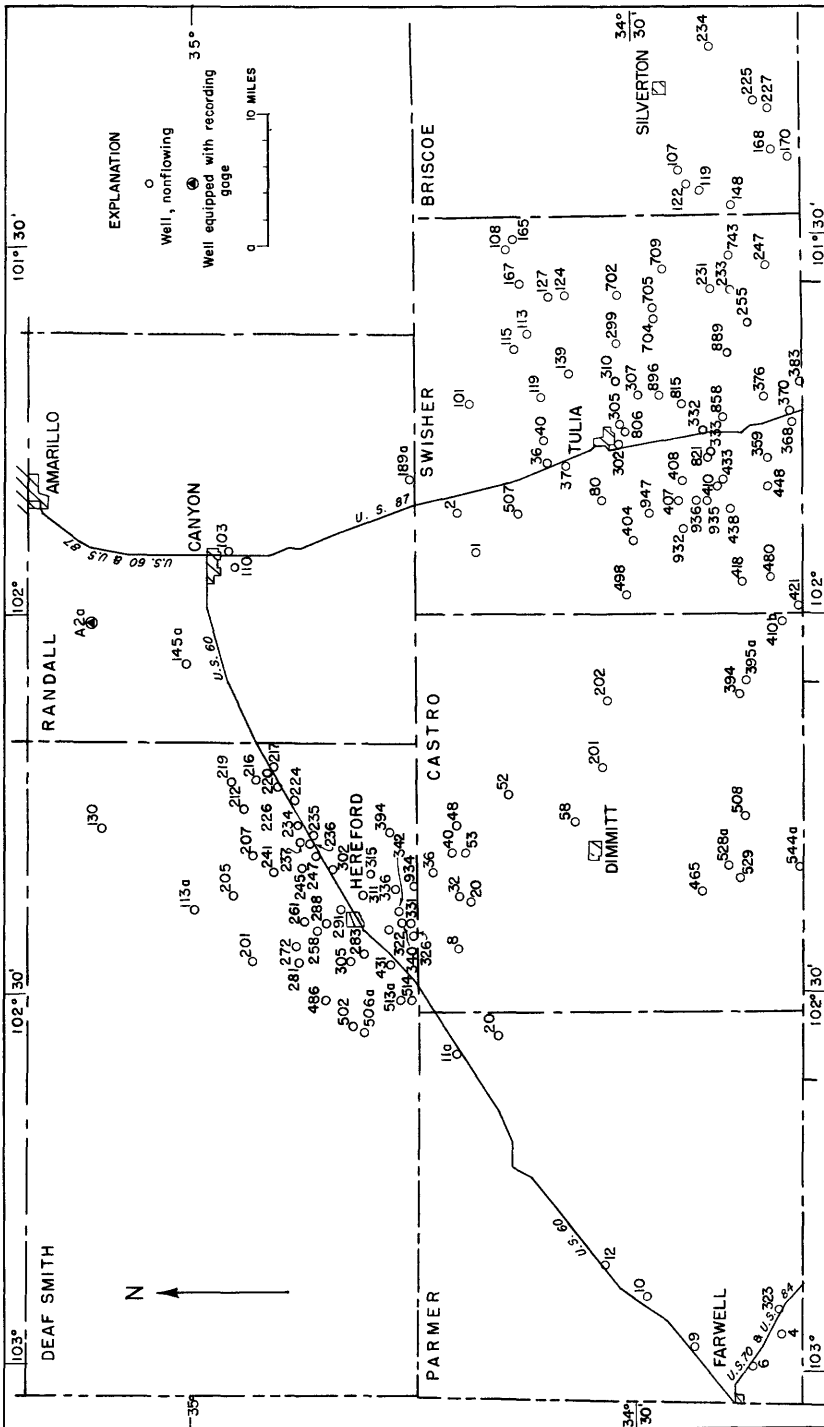


Figure 29. --Location of observation wells in Deaf Smith, Randall, Parmer, Castro, Swisher, and Briscoe Counties, Tex., 1954.

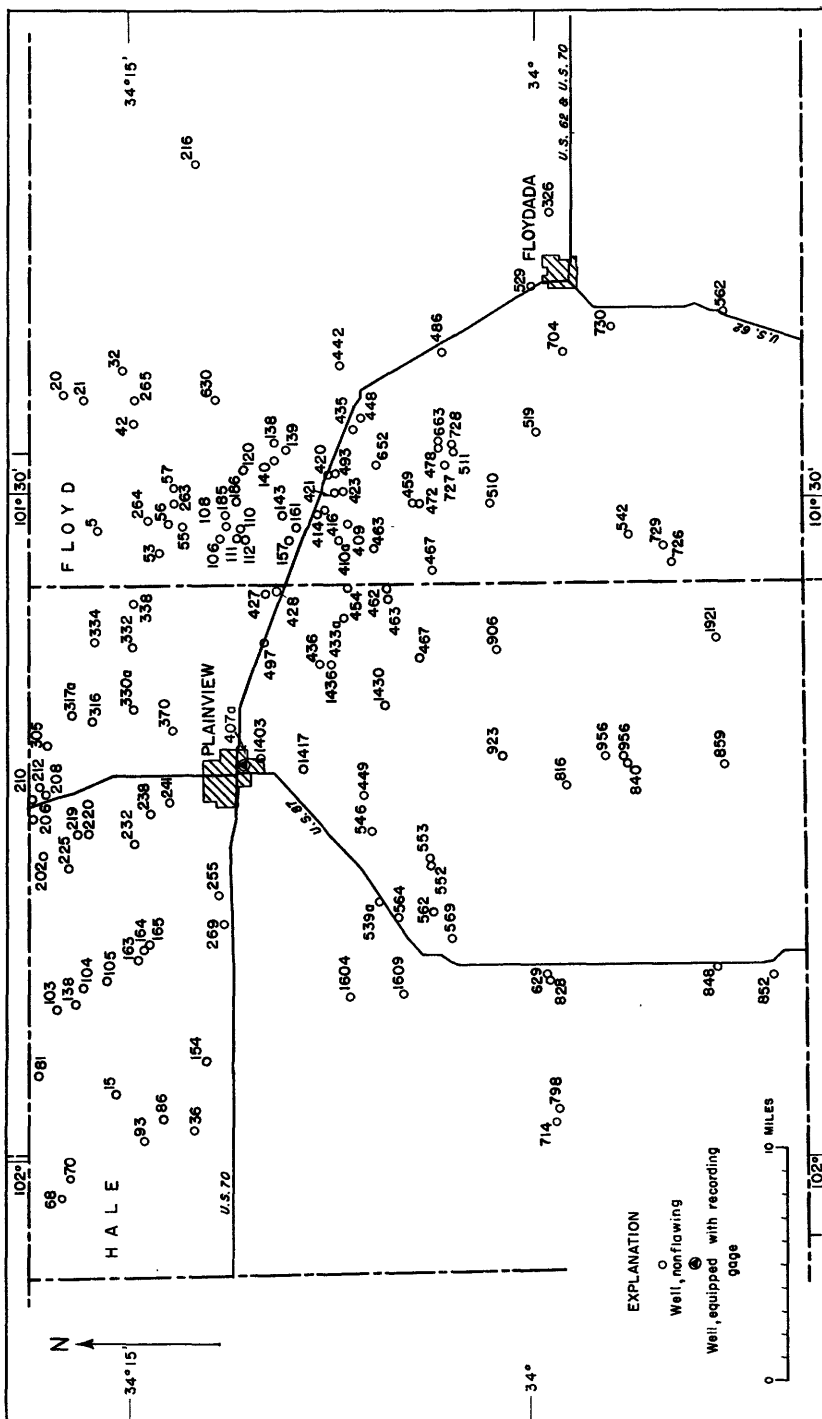


Figure 31. --Location of observation wells in Hale and Floyd Counties, Tex., 1954.

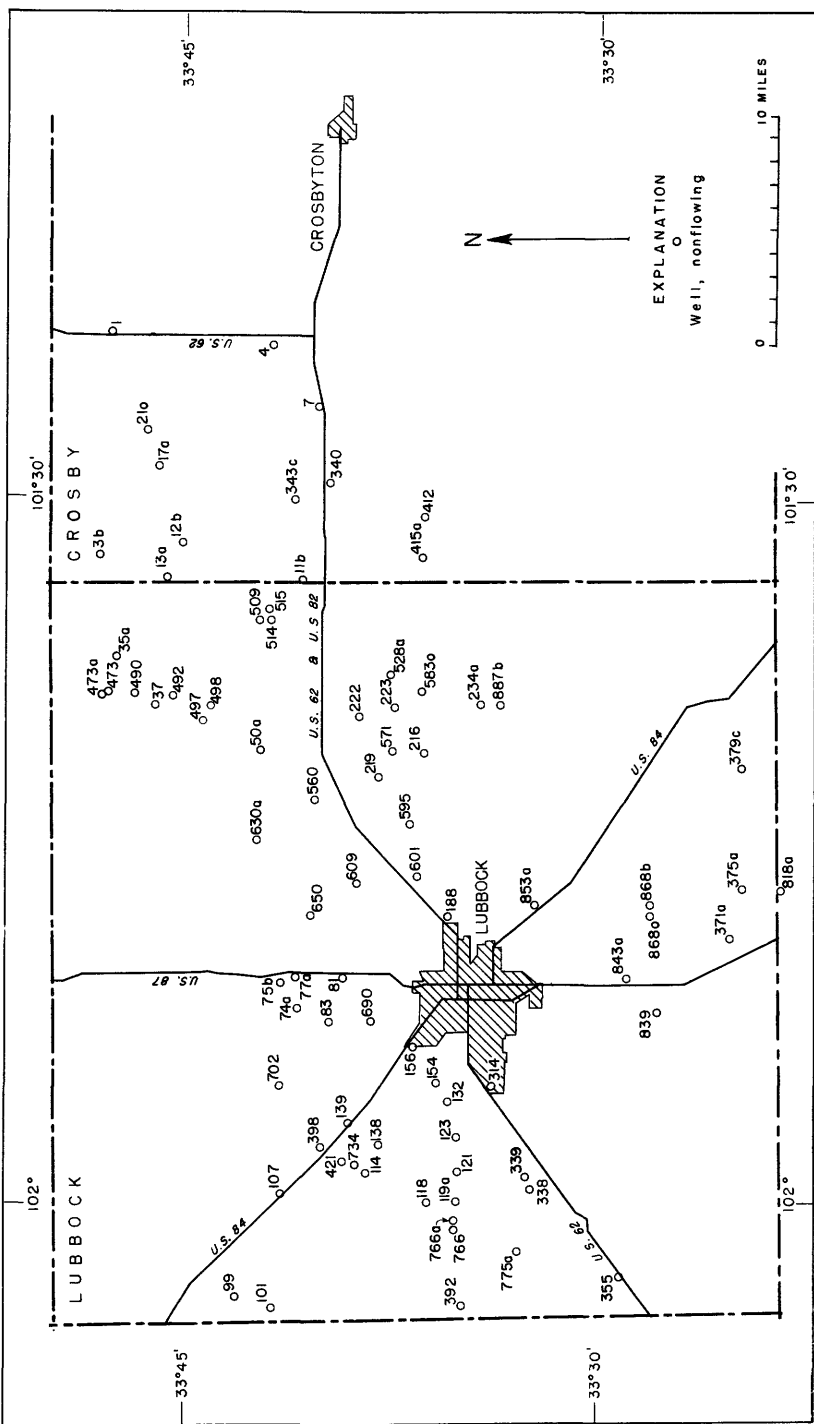


Figure 32. --Location of observation wells in Lubbock and Crosby Counties, Tex., 1954.

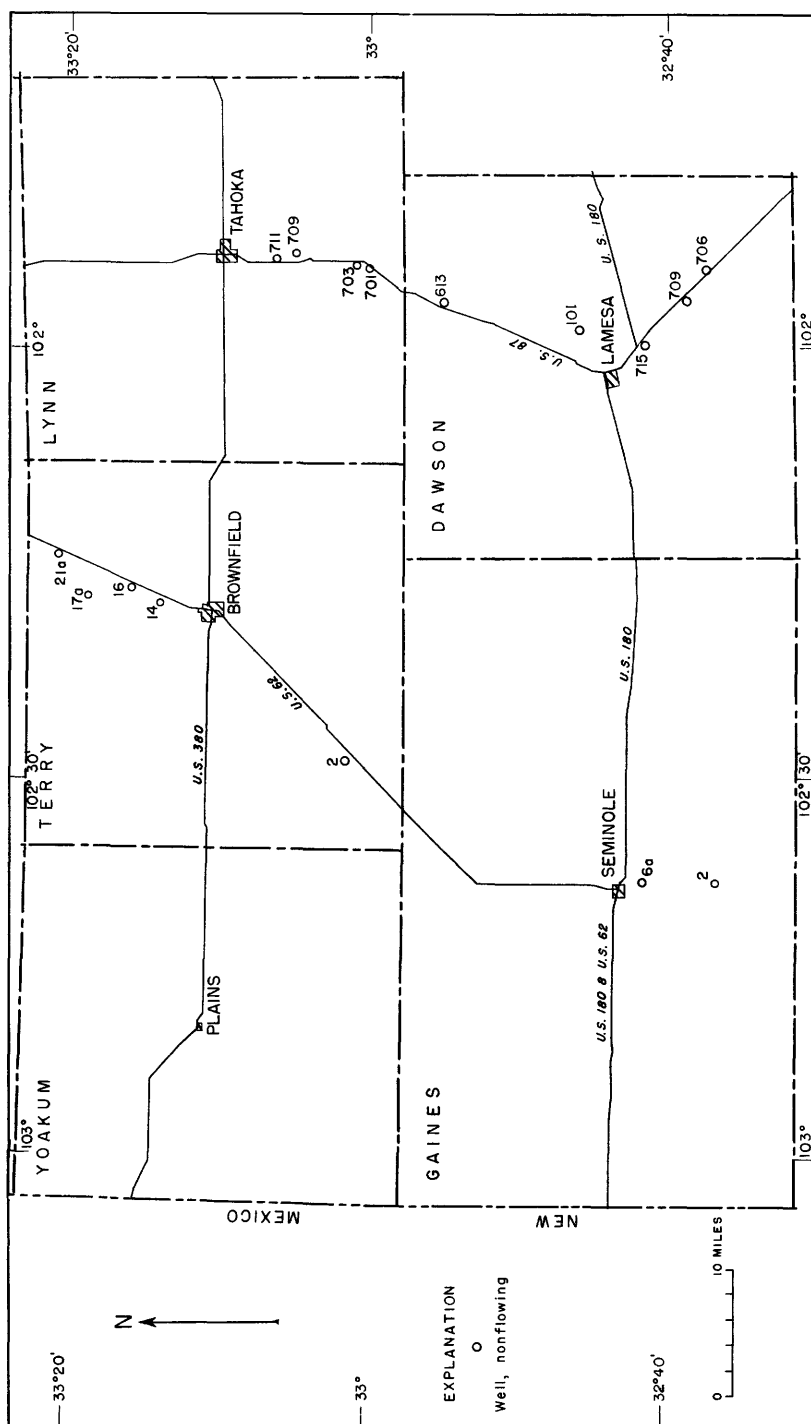


Figure 33. --Location of observation wells in Terry, Lynn, Gaines, and Dawson Counties, Tex., 1954.

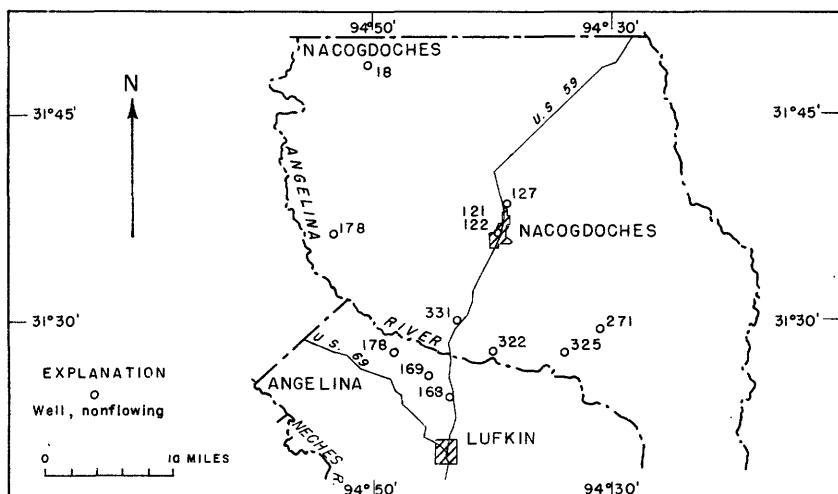
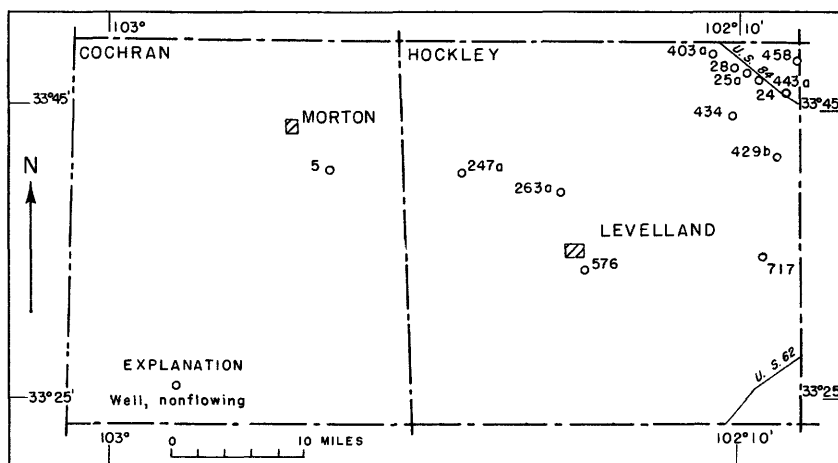
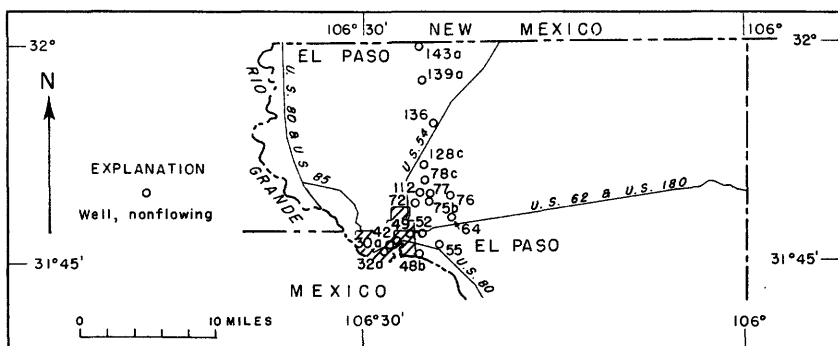


Figure 34. --Location of observation wells in El Paso, Cochran, Hockley, Nacogdoches, and Angelina Counties, Tex., 1954.

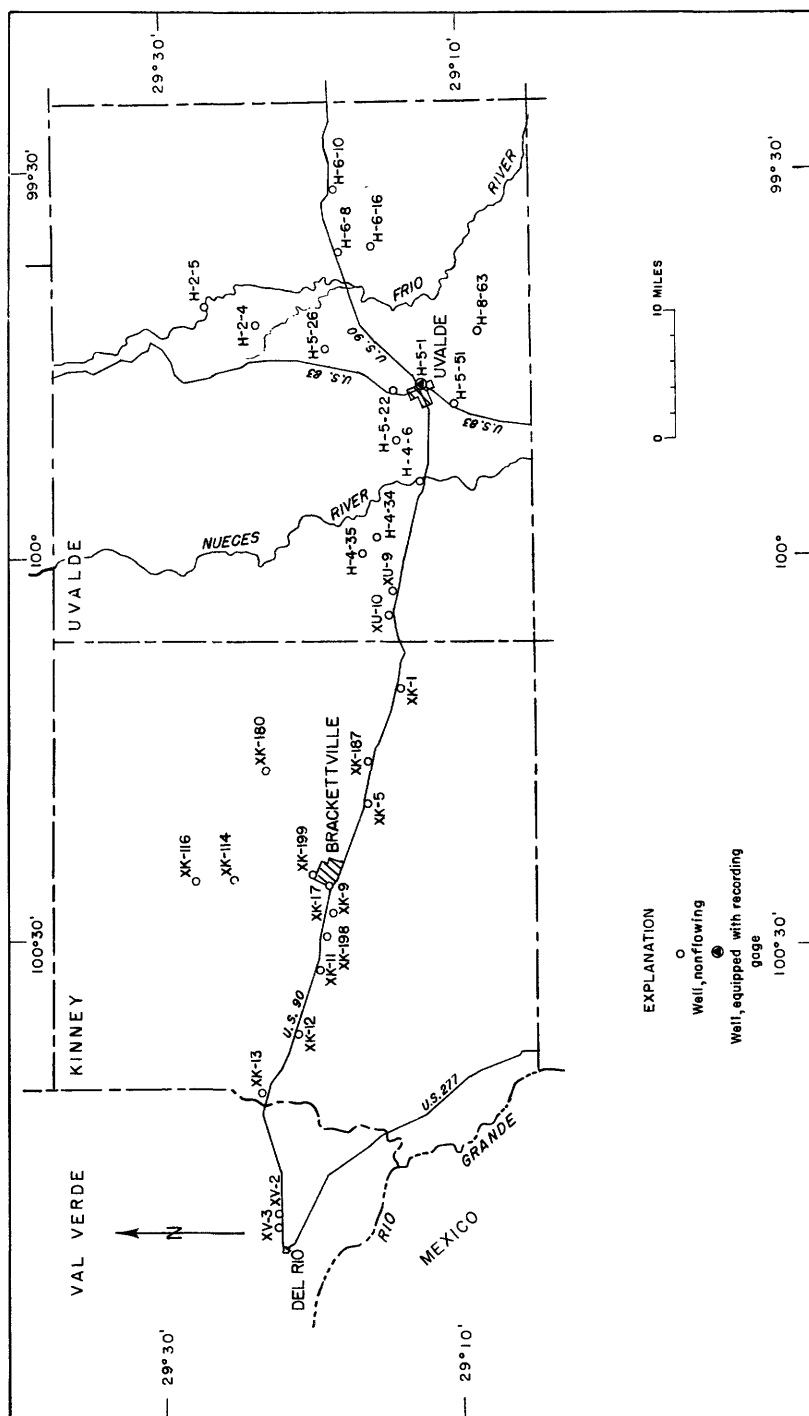


Figure 35. --Location of observation wells in Val Verde, Kinney, and Uvalde Counties, Tex., 1954.

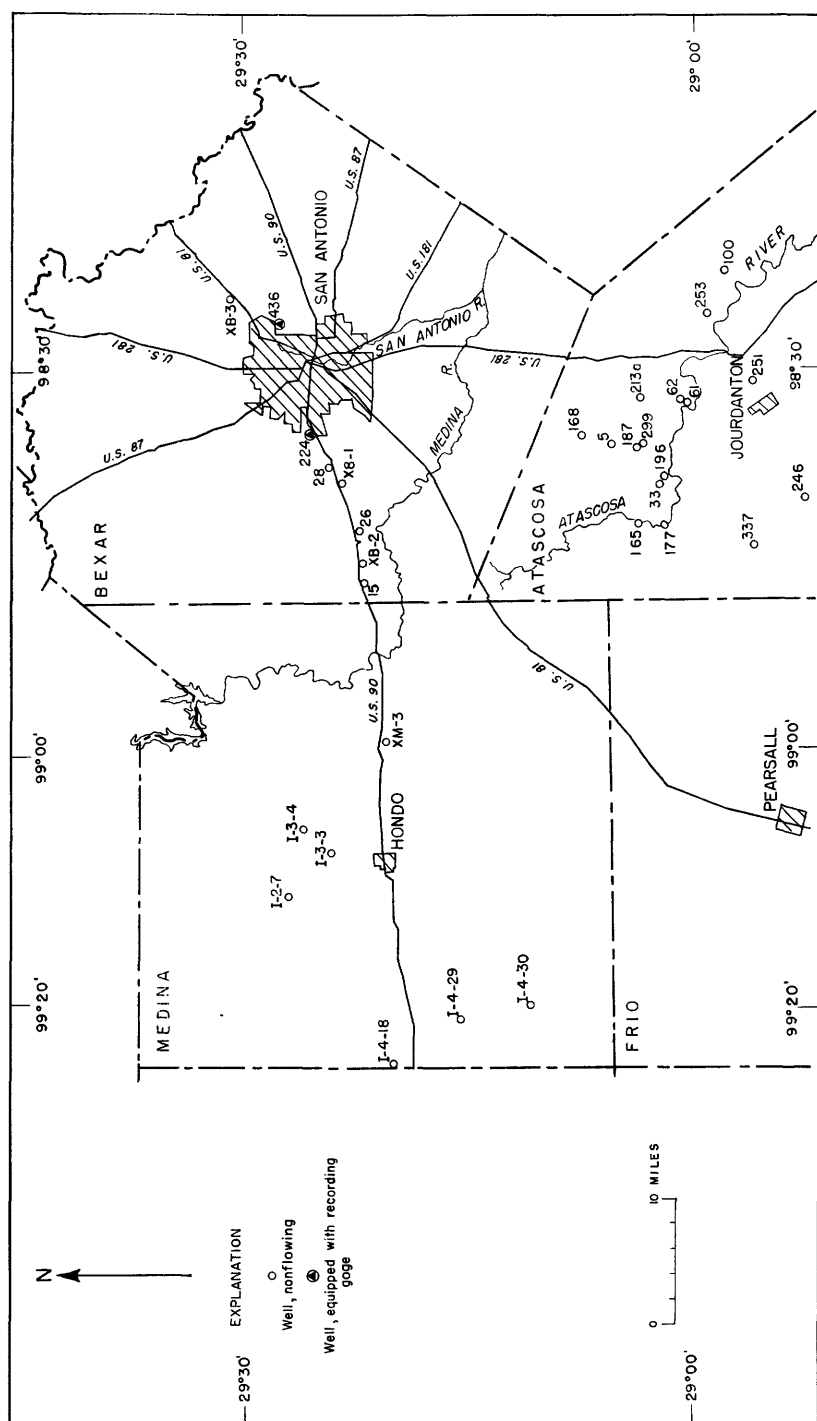


Figure 36. --Location of observation wells in Medina, Bexar, and Atascosa Counties, Tex., 1954.

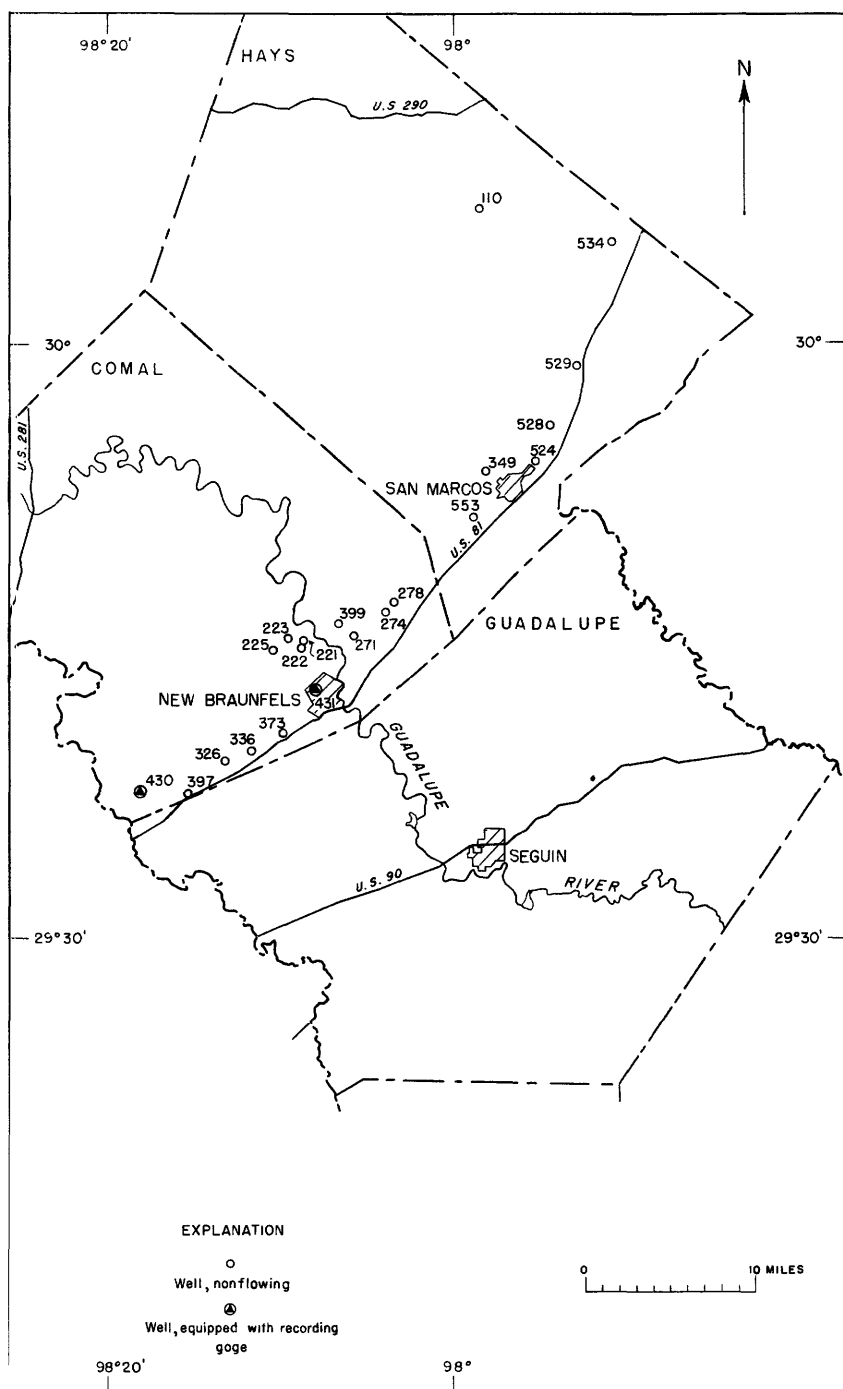


Figure 37. --Location of observation wells in Hays and Comal Counties, Tex., 1954.

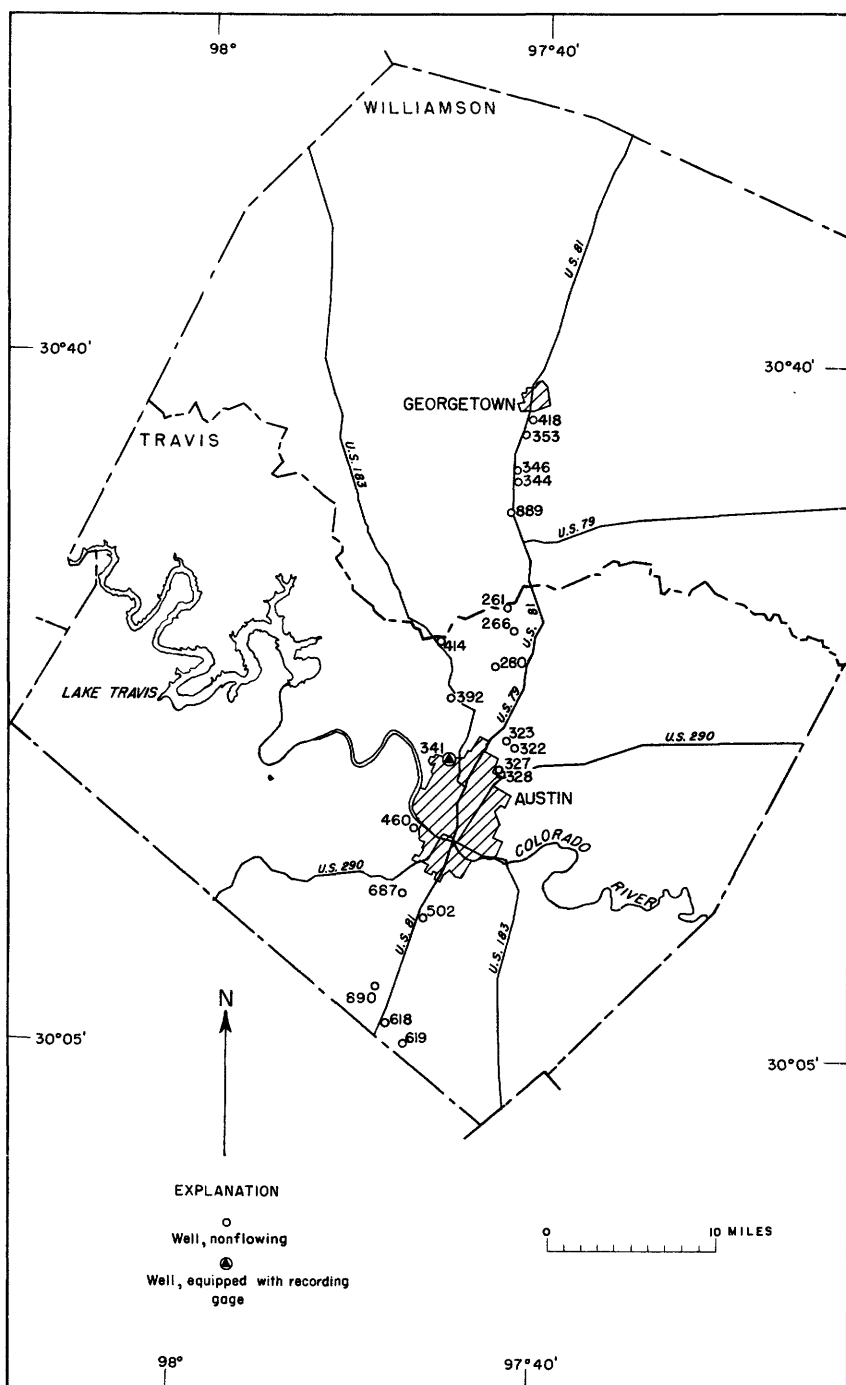


Figure 38. --Location of observation wells in Williamson and Travis Counties, Tex., 1954.

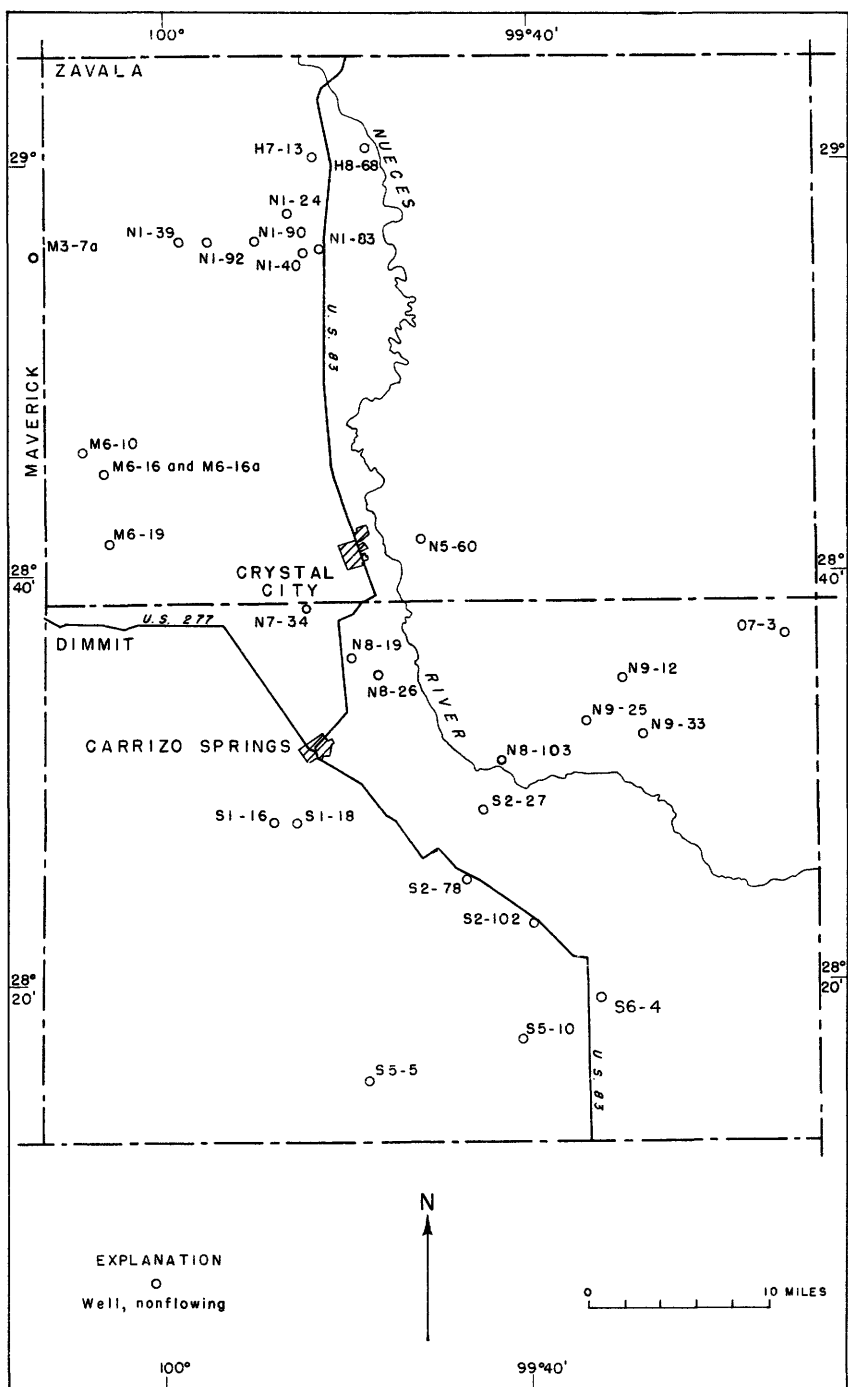
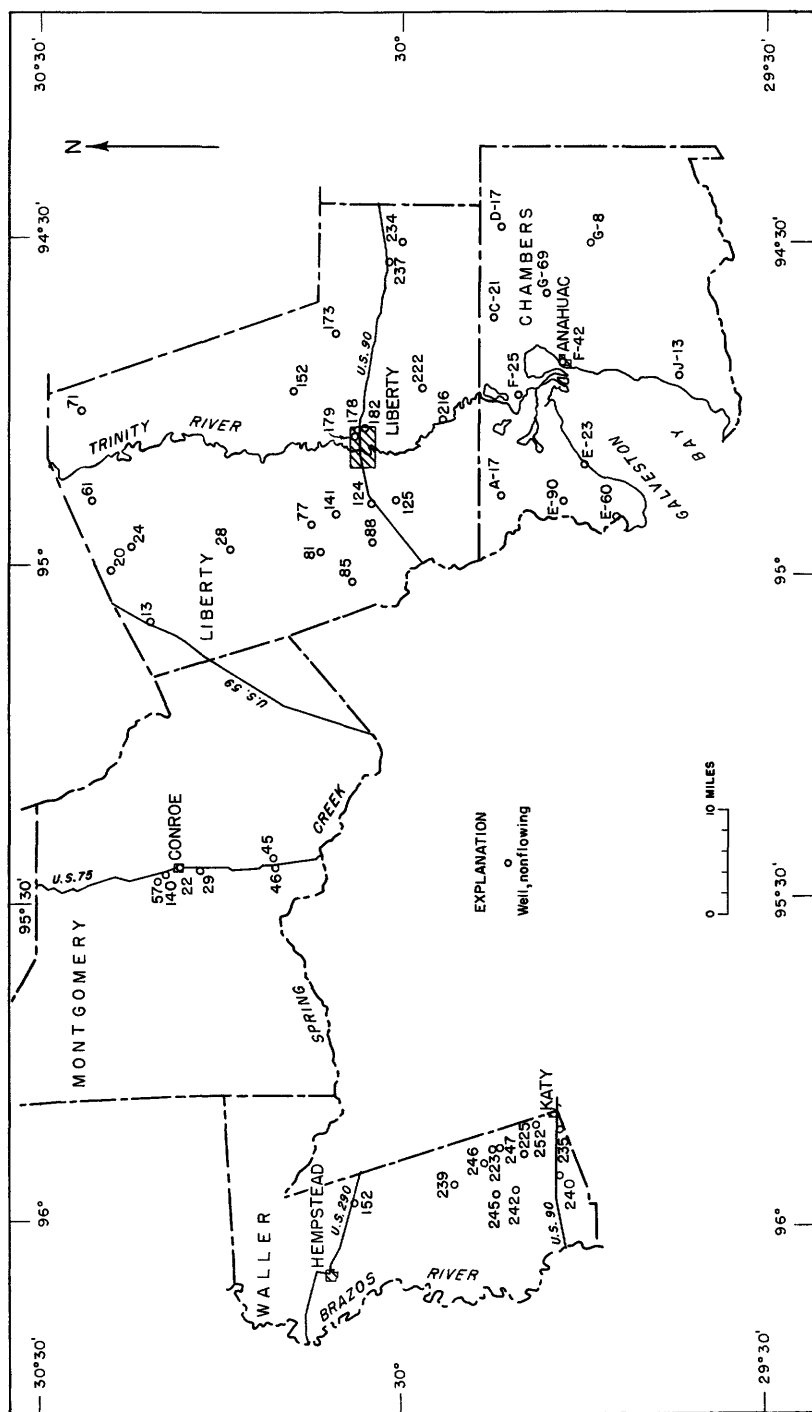
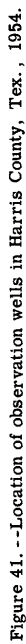


Figure 39. --Location of observation wells in Maverick, Zavala, and Dimmit Counties, Tex., 1954.





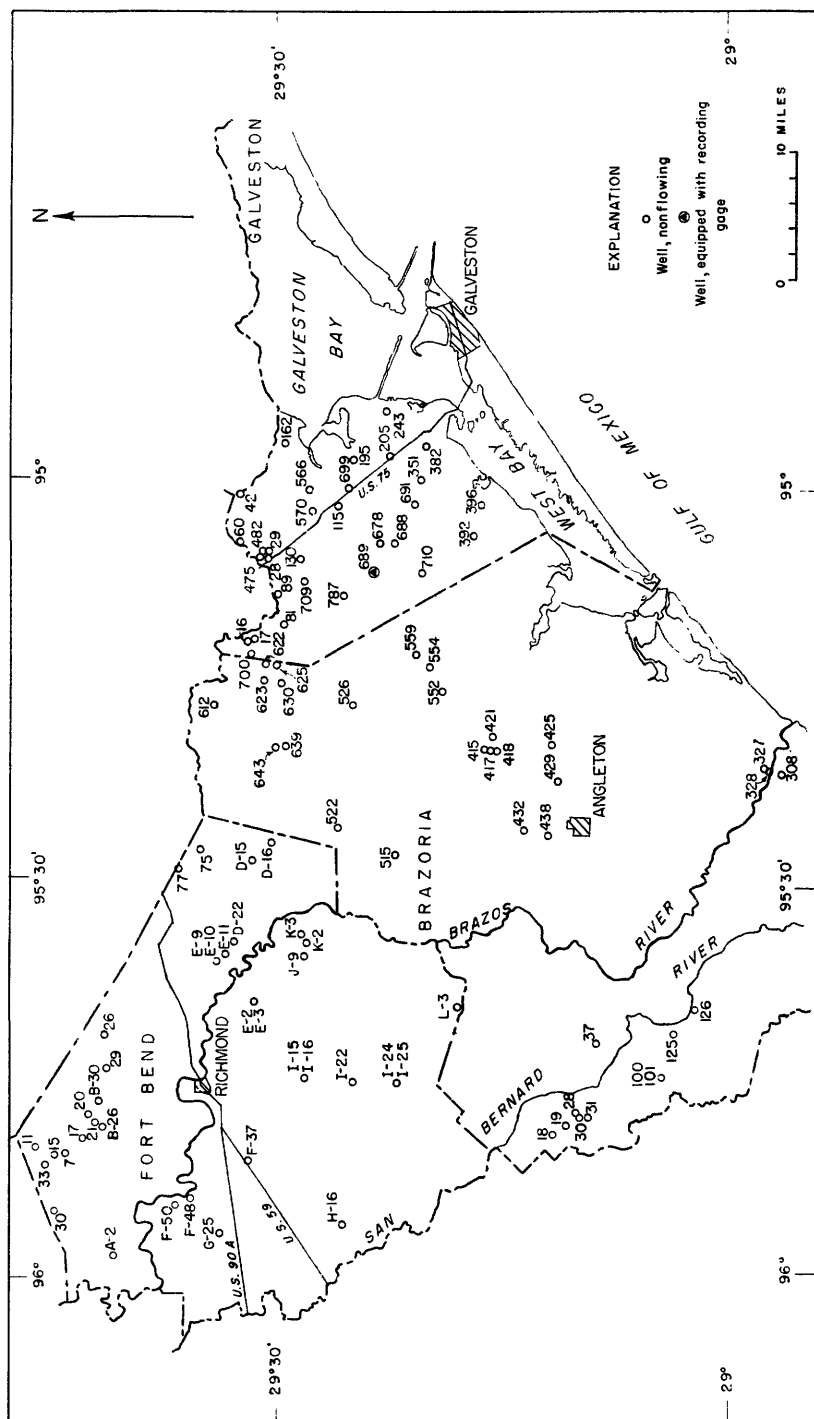


Figure 42. --Location of observation wells in Fort Bend, Brazoria, and Galveston Counties, Tex., 1954.

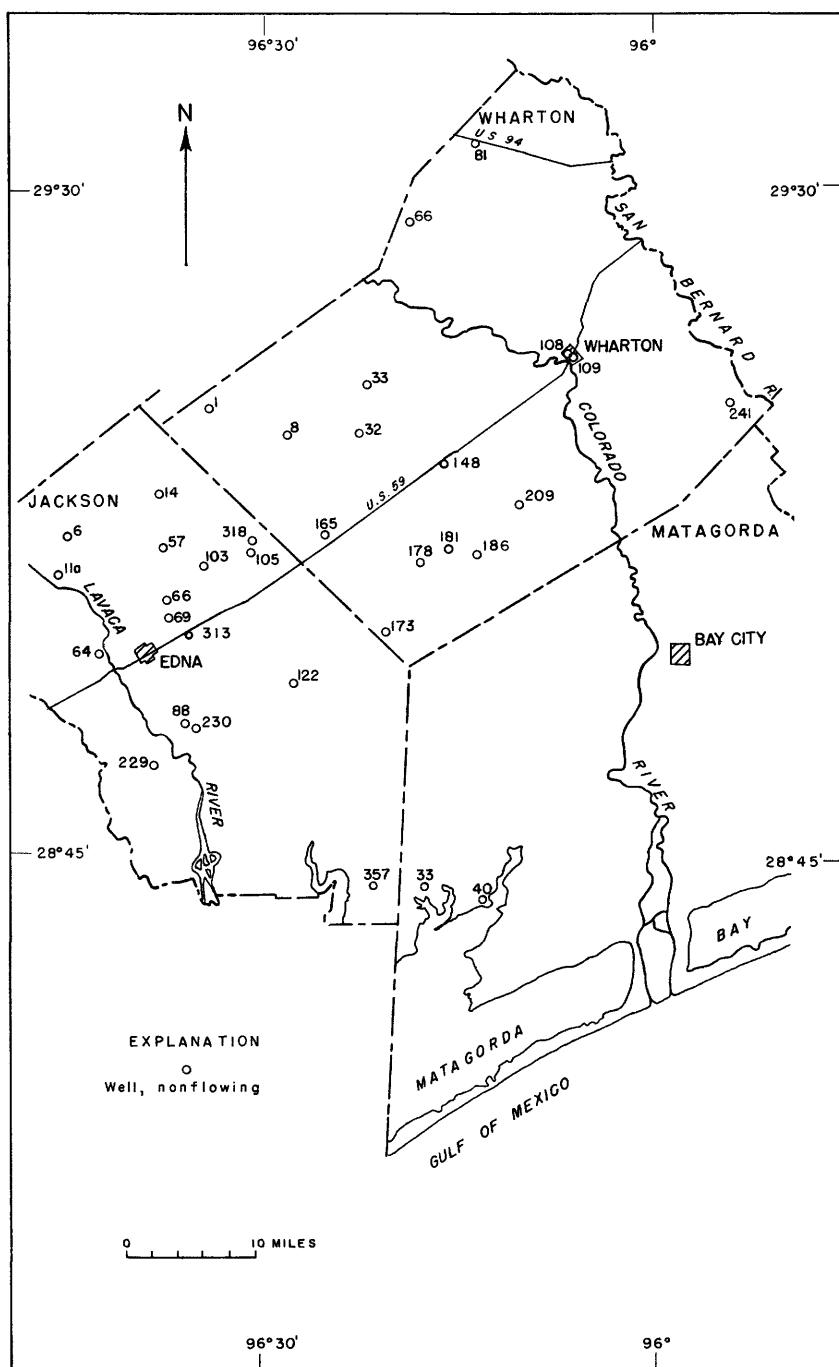


Figure 43. --Location of observation wells in Wharton, Jackson, and Matagorda Counties, Tex., 1954.

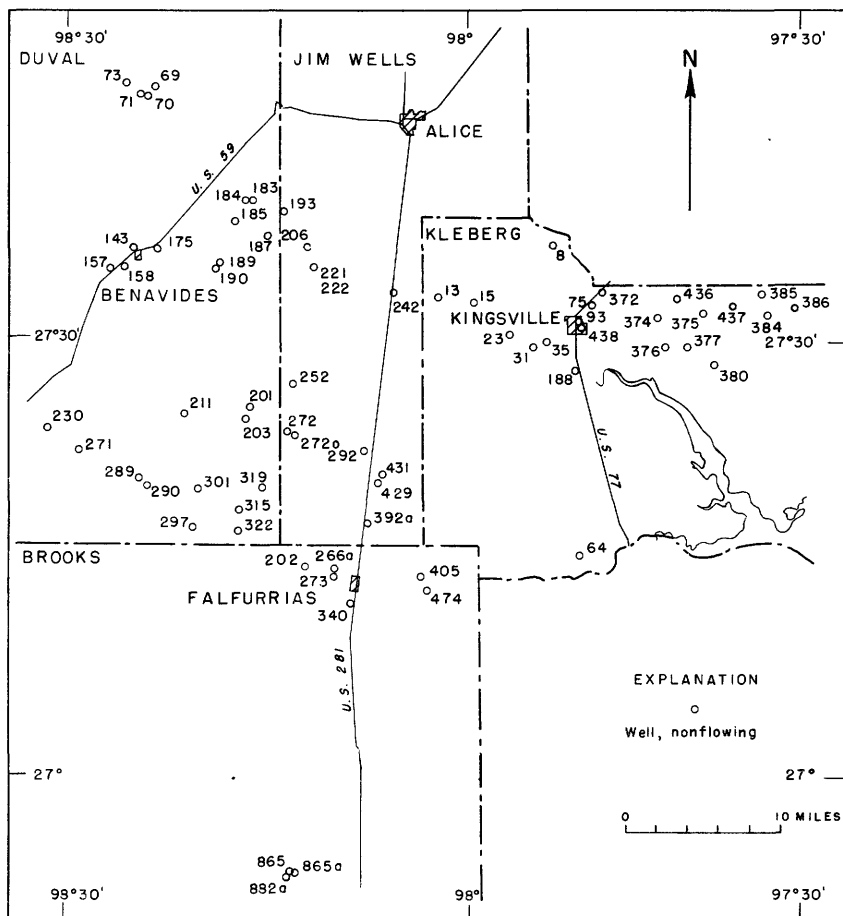
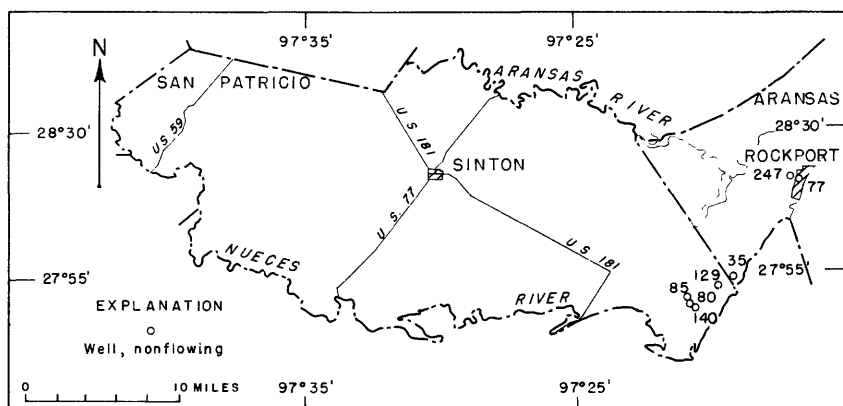


Figure 44. --Location of observation wells in San Patricio, Aransas, Duval, Jim Wells, Kleberg, and Brooks Counties, Tex., 1954.

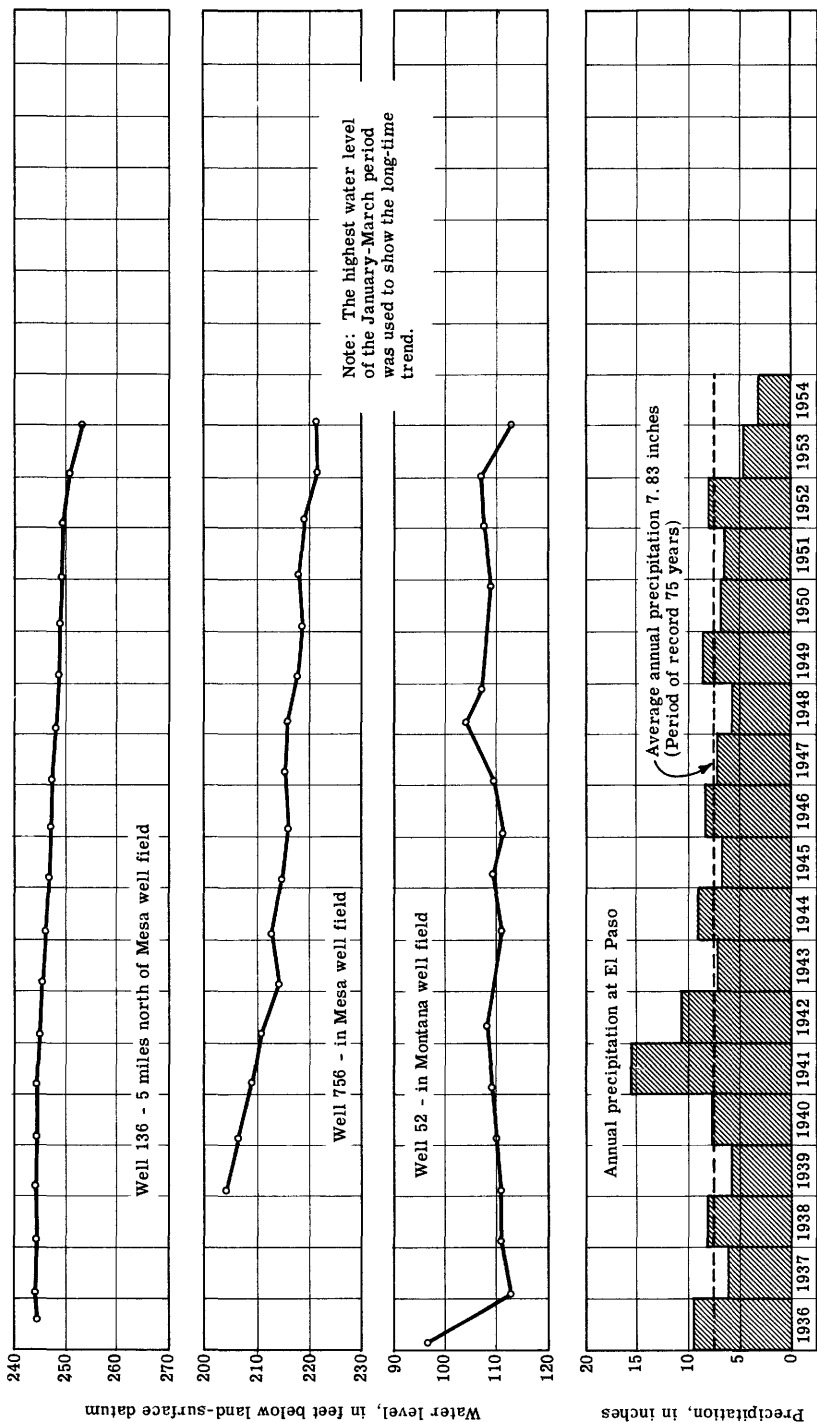


Figure 45. --Water levels in three El Paso County wells and annual precipitation at El Paso, Tex.

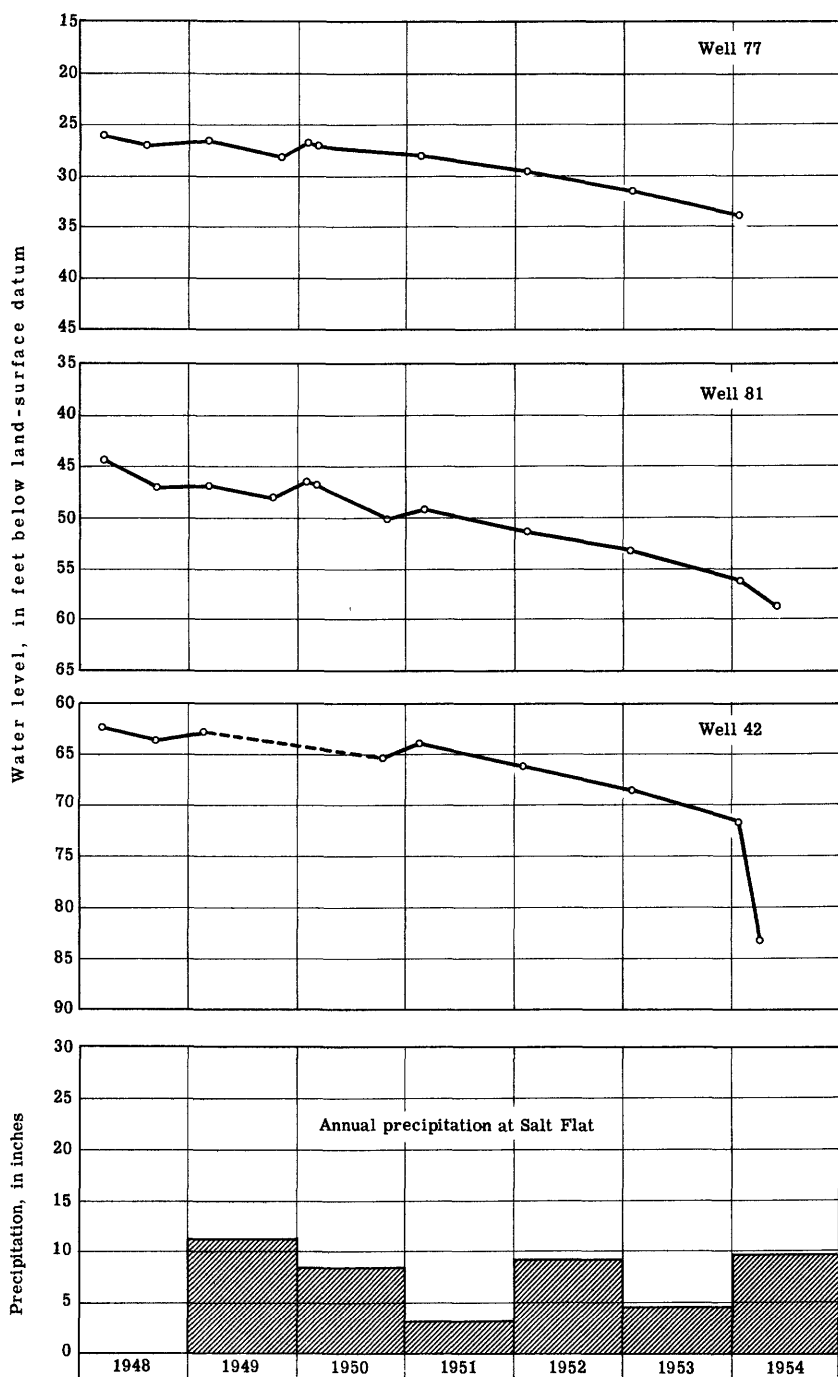


Figure 46. --Water level in three Hudspeth County wells and annual precipitation at Salt Flat, Tex.

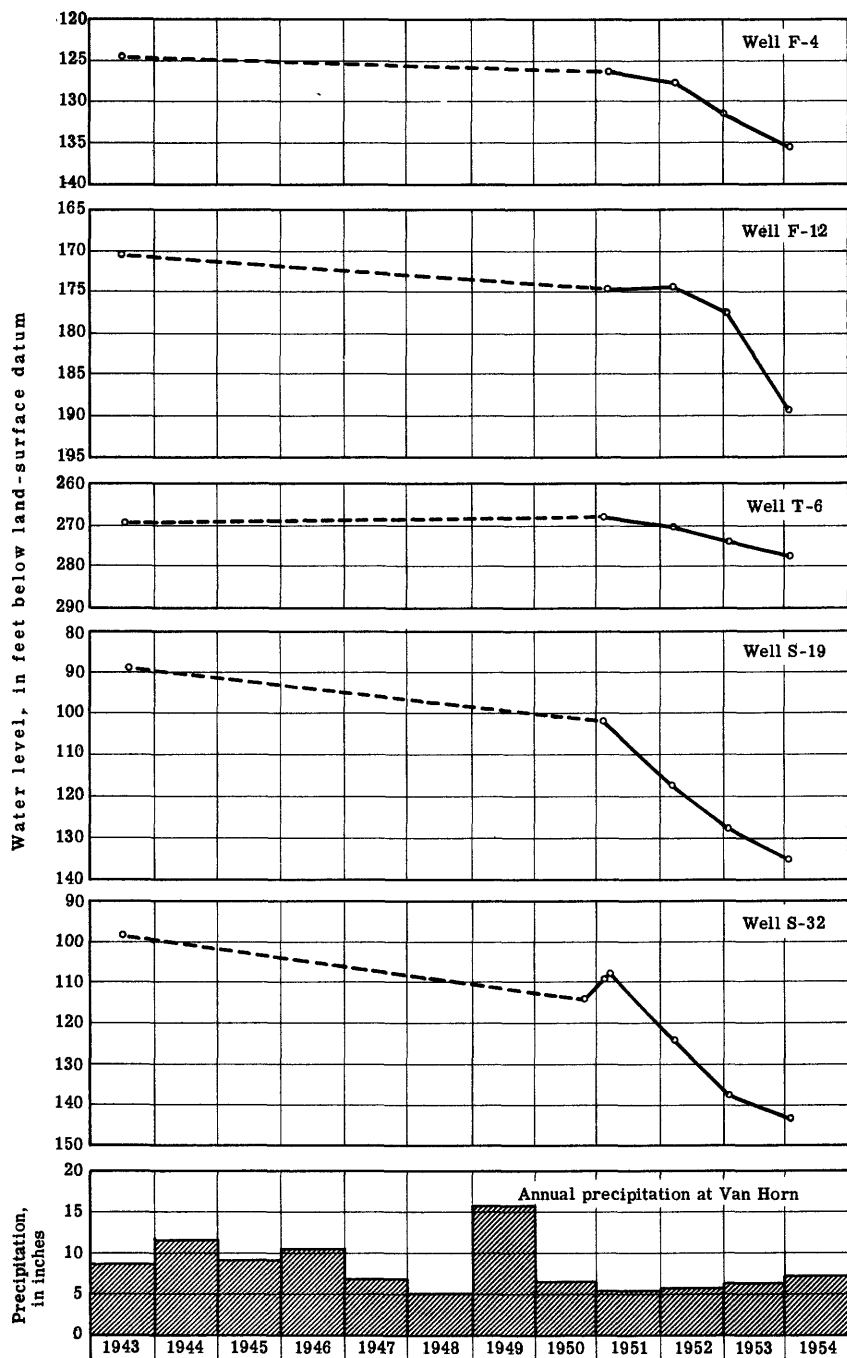


Figure 47. --Water levels in five wells in the Lobo Flats area of Culberson and Jeff Davis Counties and precipitation at Van Horn, Tex.

July-September water-level measurements in the Winter Garden district in Dimmit and Zavala Counties, Texas

[Where more than one measurement was made, the highest water level was used. Water level in feet below land-surface datum.]

Well	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
M6-10	73.8	73.4	72.6	.....	73.2	73.4	76.2	79.6	79.4	79.4	83.8	.....	97.1	96.3	99.9	106.7	110.6	115.5	117.2
M6-16	41.1	39.7	40.7	42.0	42.7	.....	47.1	46.4	47.1	46.8	47.4	49.4	49.6	51.7	52.3	55.2	87.7	54.4	75.0
M6-16a	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.4	71.7	71.7	74.0	74.2	91.2	101.1	104.2
M6-18	39.3	39.2	37.3	41.4	38.2	38.1	41.5	45.6	44.8	44.7	51.7	56.4	66.9	64.0	68.8	87.8	81.3	81.6	82.3
M6-19	57.2	55.4	56.0	55.2	56.0	48.3	59.6	61.7	61.6	62.4	65.0	67.0	69.0	70.1	80.4	77.2	82.9	89.2	92.2
N1-24	122.4	122.7	121.3	125.3	123.0	123.8	126.1	133.4	130.9	133.6	141.2	159.7	168.7	168.8	194.2	208.6	238.1	226.9	218.3
N1-39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78.5	79.8	82.0	83.3	.....	86.1	88.5	90.9	.....
N1-40	.....	105.4	101.4	113.0	103.6	104.1	107.9	115.6	114.1	.....	123.8	146.7	166.5	162.8	183.3	219.8	255.2	250.2	236.5
N1-90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	159.3	169.7	187.4	178.5	190.6	222.7	242.6	248.8	249.0
N1-92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83.1	95.1	91.3	100.5	117.6	125.4	135.9	130.1
N5-60	61.5	54.3	51.1	58.3	49.7	41.4	.....	.....	66.7	90.3	.....	116.2	148.5	131.8	183.1	239.9	267.4	300.9	299.4
N7-34	46.8	44.5	40.7	44.8	34.1	34.7	47.2	60.5	55.7	62.8	64.5	55.9	58.2	62.6	65.2	74.6	76.0	88.6	.....
N8-26	51.6	47.5	47.1	53.5	38.0	39.4	.....	73.5	66.8	65.8	74.1	.....	130.2	107.8	139.9	.....	160.5	.....	.....
N8-103	28.7	20.5	28.0	29.3	12.9	12.9	28.8	.....	.....	.....	39.8	49.7	71.9	60.5	85.7	.....	186.0	208.3	216.5
N9-25	.....	10.4	.....	.....	5.2	.....	.....	.....	30.6	29.9	25.0	.....	57.5	44.3	70.3	116.3	151.7	180.1	183.4
N9-33	35.5	21.6	35.8	26.4	17.1	17.6	30.7	43.6	39.0	40.3	35.1	38.6	42.9	51.3	53.5	80.8	98.4	121.2	.....
O7-3	97.3	94.4	.....	98.4	93.3	93.3	96.1	102.2	103.4	102.5	106.4	108.1	118.0	119.8	125.0	147.1	.....	193.1	202.1
S1-18	104.2	103.1	104.5	104.7	104.9	105.3	105.8	107.4	108.2	109.5	109.9	111.7	113.9	113.8	115.2	116.9	120.2	122.1	124.0
S2-27	56.7	47.4	52.1	56.5	.....	50.4	52.4	60.4	65.5	64.4	68.6	68.1	72.4	75.6	82.4	91.4	110.0	114.2	117.8
S2-78	159.6	151.5	157.2	156.7	145.2	143.2	159.8	184.1	176.1	182.5	176.5	178.2	202.3	185.2	205.8	246.3	260.5	278.3	257.6
S2-102	114.3	110.1	.....	110.1	103.8	100.8	105.1	113.5	113.1	112.6	112.5	110.9	113.9	114.6	115.4	120.2	129.0	137.9	147.9
S5-5	68.3	62.7	63.7	66.3	66.1	64.6	68.2	75.2	77.2	76.0	80.1	77.1	80.9	82.2	85.7	100.5	108.0	119.8	122.9
S5-10	75.1	75.9	79.5	81.8	.....	.....	.....	.....	.....	95.3	97.3	96.1	104.4	103.4	109.9	133.0	142.8	159.4	.....
S6-4	17.9	7.8	11.0	9.8	7.1	7.0	10.7	21.3	21.6	20.4	20.6	19.9	21.8	21.3	25.7	34.7	37.6	45.7	44.7
T1-5	8.2	4.1	8.5	6.9	1.8	2.6	.....	13.8	14.4	15.2	17.5	16.5	29.3	28.0	38.7	64.3	.....	.....	.....

In late spring and summer. The continued use of ground water for irrigation has substantially lowered the water levels. Most of the water used for irrigation is drawn from the Carrizo sand in the northwestern part of the area. In some localities, ground water is supplemented with surface water from the Nueces River and impounding reservoirs on Pendencia, Turkey, and Comanche Creeks. Of the observation wells whose water levels were measured in October, 10 wells had a rise from 0.5 foot to 20.7 feet, an average rise of 6.1 feet. In the other wells, water levels declined from 0.7 foot to 20.6 feet, an average decline of 5.3 feet. The greatest declines were near the center of the artesian area; in the outcrop of Carrizo sand declines were relatively small. Near-drought conditions again prevailed throughout 1954. The table on page 146 shows the highest measurements recorded during the 3-month period (August-October) in the Winter Garden district.

Houston district.--The Houston district includes Harris County west of the San Jacinto River and parts of Fort Bend, Waller, and Montgomery Counties. Large quantities of ground water are pumped for industrial and municipal purposes in the Houston-Pasadena Ship Channel area and for irrigation of about 87,000 acres of rice in the Katy area. All the wells draw water from sands that crop out 20 to 50 miles west, northwest, north, and northeast of Houston. About 320 observation wells are measured in the district. The average withdrawal of ground water in the Houston district increased from 306 mgd (million gallons per day) in 1953 to 338 mgd in 1954. In the Houston-Pasadena area, the average pumpage of ground water decreased about 8 mgd in 1954, owing to the increased use of surface water from the San Jacinto River after the completion of the Lake Houston dam early in 1954. The city of Houston began supplying treated surface water to the water mains in May 1954 and, by the end of the year, the average municipal use of surface water was more than 16 mgd. The average use of water by the city of Houston was 81.3 mgd in 1954 --8.8 surface water and 72.5 ground water. The decrease of about 8 mgd from the high average of 186 mgd in the Houston-Pasadena area was more than offset by the large increase in ground-water withdrawals for rice irrigation in the Katy area. A 15-percent increase in irrigated acreage and below-average precipitation during the growing season caused pumpage from wells in the Katy area to increase from an estimated 120 mgd in 1953 to an estimated 160 mgd in 1954. Water levels in some observation wells in the eastern part of the Houston-Pasadena area were from 1 foot to as much as 10 feet higher at the end of 1954 than at the end of 1953. In other parts of the Houston district, water levels continued to decline slowly, as much as 12 feet. In the Katy area, the decline was as much as 8 feet but averaged less than 5 feet. (See fig. 48.)

The following table gives the estimated average daily withdrawal of ground water (mgd) in the Houston-Pasadena area and the Katy area:

	1930	1935	1937	1940	1945	1950	1951	1952	1953	1954
Houston Water Dept. (from city records)	26	25	25	29	43	64	72	74	77	73
Independent public supplies and indus- trial wells	14	14	16	17	21	27	28	31	29	30
Pasadena industrial wells	10	10	29	33	48	65	67	75	80	75
Subtotal Houston- Pasadena area	50	49	70	79	112	156	167	180	186	178
Katy area	18	14	30	45	50	98	117	128	120	160
Total for Houston district	68	63	100	124	162	254	284	308	306	338

Galveston County.--The average use of ground water in Galveston County increased from 24 mgd in 1953 to more than 27 mgd in 1954, owing to the use of wells for the irrigation of rice, which had not been done in Galveston County for several years prior to 1954. During the summer of 1954, water-level decline was nearly 10 feet in the "Alta Loma" sand in the Alta Loma area. Well 691, in this heavily pumped area, declined 9.37 feet. In other parts of the county, water levels in the "Alta Loma" sand changed very little. Water levels in observation wells in the shallow sand continued to decline in 1954 at a fairly constant rate, ranging from 0.65 foot to 9.53 feet. In 42 observation wells, in different sands and countywide, the average decline was 3.99 feet.

Angelina and Nacogdoches Counties.--The Carrizo sands in Angelina and Nacogdoches Counties supply most of the water used by the cities of Lufkin and Nacogdoches. The Southland Paper Mills, Inc. near Lufkin withdrew about 5 billion gallons of water from the Carrizo sand in 1954. This withdrawal lowered the water level in 10 observation wells in Angelina County from 0.66 foot in well 171 to 16.0 feet in Lufkin city well 5. The average decline in all observation wells was 6.83 feet. Figure 49 shows graphically the average daily pumpage of water from the Carrizo sand in the two counties and the resulting fluctuation of artesian pressure caused by that

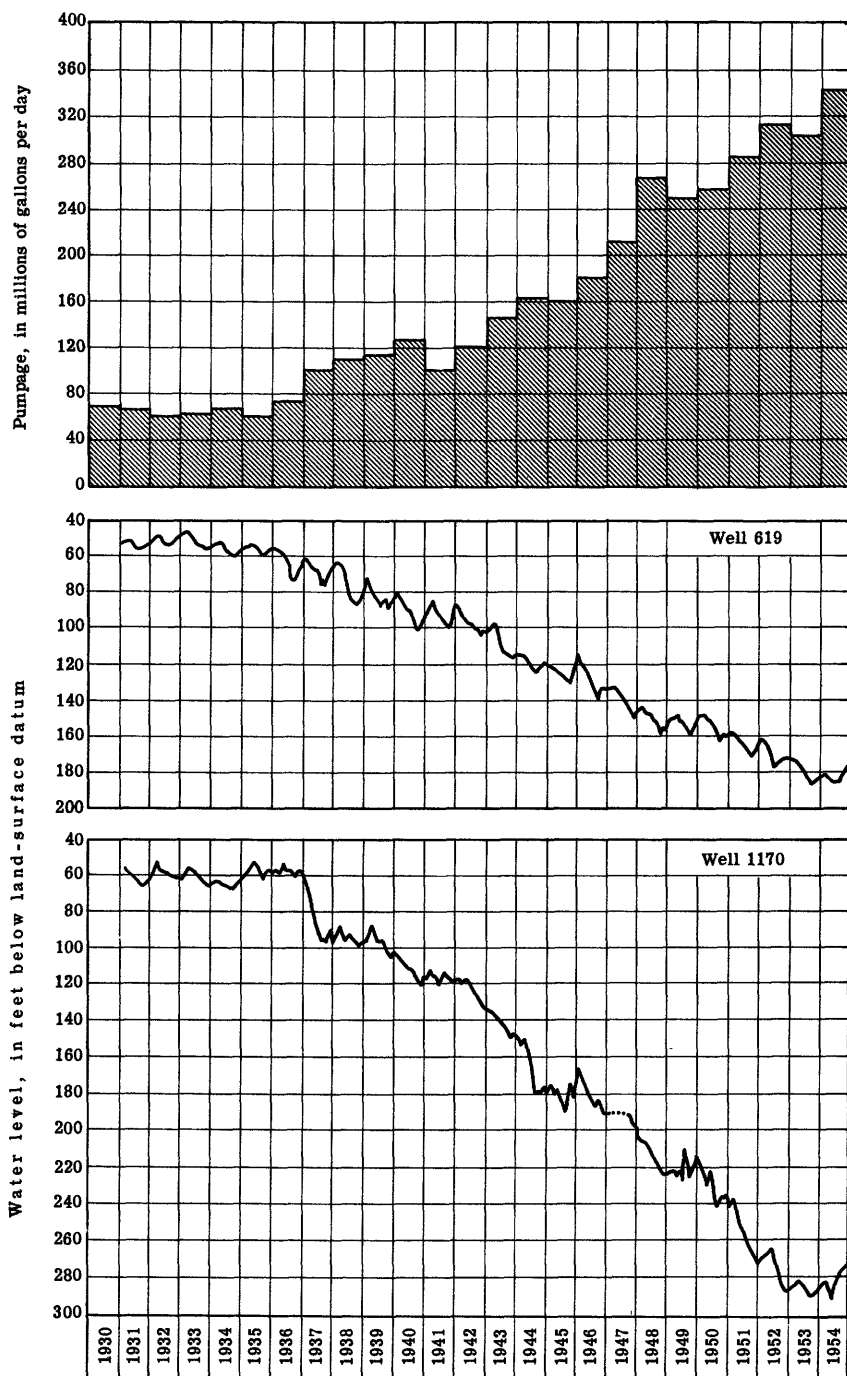
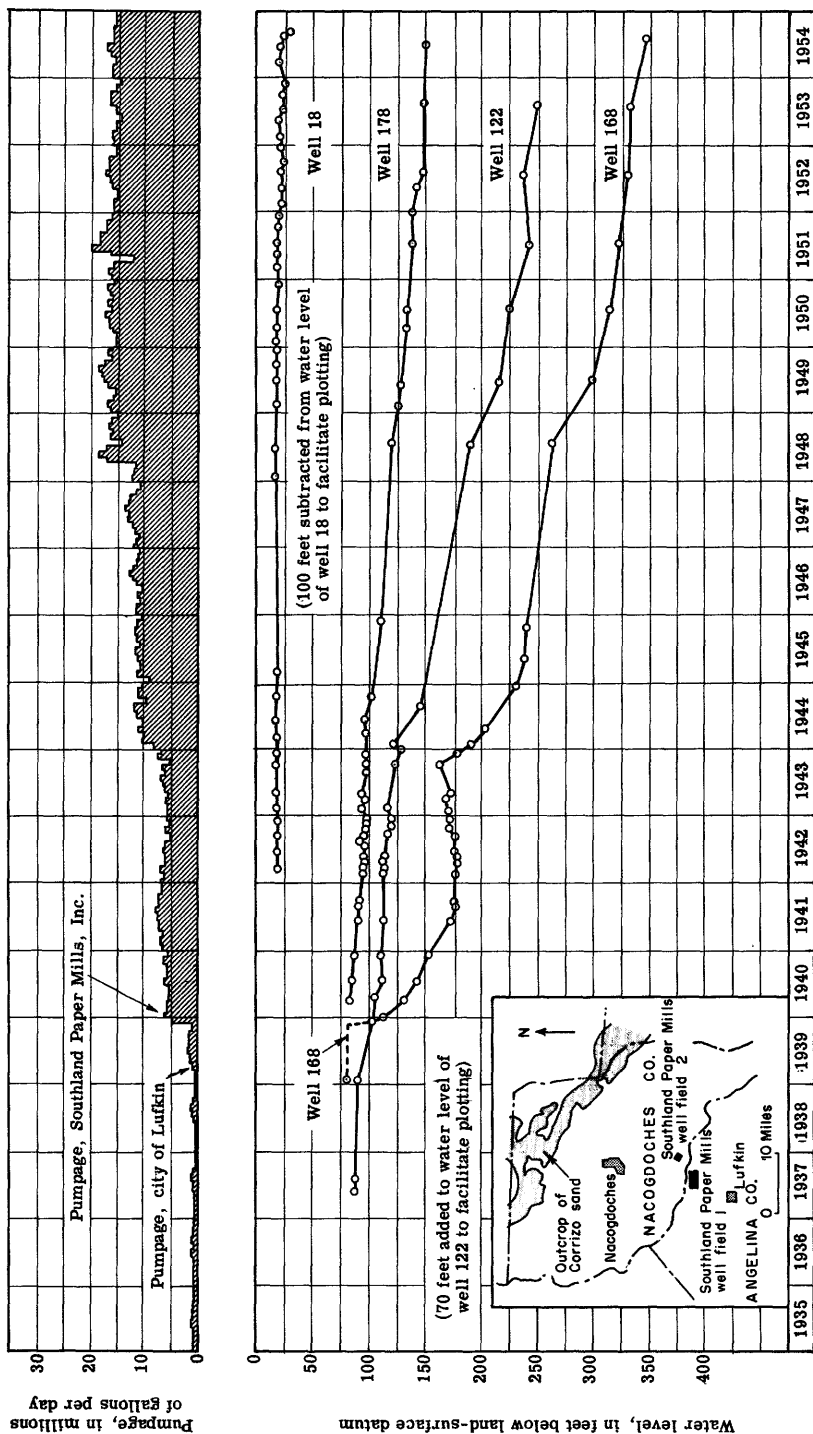


Figure 48. --Average daily pumpage in the Houston district, Texas, and water levels in wells 619 and 1170, 1930-54.



pumpage. Water levels in Nacogdoches County declined in 18 of 20 observation wells. Well CW-4-0 rose 1.25 feet, and well CW-10 rose 0.88 foot. Well 24 declined 39.56 feet. The average decline for the 20 observation wells was 6.09 feet.

Falfurrias-Kingsville area.--In Duval County, most of the observation wells, ranging in depth from less than 100 to more than 1,000 feet, are east of the Bordas escarpment and in the outcrop area of several sands from which the wells in Brooks, Jim Wells, and Kleberg Counties receive most of their water. The observation wells measured annually showed no definite trend in 1954. Of 35 observation wells, 17 had water-level declines, ranging from 0.32 foot in well 185 to 8.70 feet in well 301, an average loss of 1.91 feet; 18 had a rise, ranging from 0.30 foot in well 230 to 7.78 feet in well 55, an average rise of 1.87 feet.

The observation wells in Brooks County are on the coastal plain, most of them in the Premont-Falfurrias irrigation area. Wells, ranging from shallow to deep, draw water from several sands. In 21 observation wells, no definite trend was established in 1954. Ten wells had rises, ranging from 0.29 foot in well 822 to 3.37 feet in well 273, an average rise of 1.68 feet. Water levels in wells declined from 0.58 foot in well 340 to 9.88 feet in well 485a, an average decline of 3.92 feet. The losses and gains were not confined to any given area.

Most of the observation wells in Jim Wells County, in the southwestern part known as the Premont-Falfurrias irrigation area, draw from several sands and are from 25 to 1,000 feet deep. Water levels measured annually in Jim Wells County showed no definite trend in 1954. Of 22 observation wells, water levels in 12 rose from 0.20 foot in well 244a to 8.59 feet in well 244, an average rise of 3.20 feet; 10 wells declined from 0.40 foot in well 252a to 11.37 feet in well 259a, an average decline of 3.11 feet.

Balcones fault zone.--The Balcones fault zone, including all or part of Val Verde, Kinney, Uvalde, Medina, Bexar, Comal, Hays, Travis, and Williamson Counties, furnishes ground water for irrigation, public supply, and domestic use. Most of the supply is taken from the ground-water reservoir in the Edwards limestone; some from reservoirs in the Glen Rose limestone, Austin chalk, and shallow sands of Quaternary age. Large amounts of water from the Edwards limestone are used for irrigation in Uvalde, Medina, and Bexar Counties. The Edwards also furnishes public supplies to the cities of Uvalde, Sabin, Hondo, San Antonio, New Braunfels, and San Marcos. Heavy precipitation during June 1954 in parts of west Texas caused water level to rise substantially in Val Verde, Kinney, and part of Uvalde Counties. Near-drought conditions continued in Medina, Bexar, Comal, and Hays Counties, causing a decline in water levels in some areas to an alltime low. Well H-5-1 in Uvalde County rose 1.42 feet; well 436 in Bexar County declined 9.78 feet; well 431 in Comal County declined 1.43 feet. (See fig. 50.) The following table gives the average net change by counties in water levels in observation wells in 1954:

County	Number of wells	Average change in feet	Formation
Val Verde	2	+3.04	Edwards limestone
Kinney	18	+5.18	Do.
Uvalde	10	+5.00	Do.
Uvalde	3	-4.30	Do.
Medina	9	-9.24	Do.
Bexar	46	-13.55	Do.
Bexar	8	-1.61	Carrizo sand
Comal	11	-4.78	Edwards limestone
Hays	20	-6.87	Do.

Springs along the Balcones fault zone are fed from the Edwards limestone reservoir. Three of these, Comal Spring in New Braunfels, Goodenough at Comstock, and San Marcos Spring in San Marcos, are among the 65 largest springs in the United States. Other large springs along Balcones fault zone are: San Felipe in Del Rio, San Antonio in San Antonio, Las Moras in Brackettville, and Barton Springs in Austin. Continued drought in 1954 decreased the flow of all springs, except Las Moras springs in Brackettville, which discharged nearly four times as much in 1954 as in 1953 because of exceptionally heavy rainfall on the Edwards Plateau in that region.

Name of spring	1950 cfs	1953 cfs	1954 cfs
Comal	304	194	136
San Marcos	153	130	126
Las Moras	22	5.5	20.4
Barton Spring	40	34.2	.....
San Antonio	90	*	*

* Not flowing.

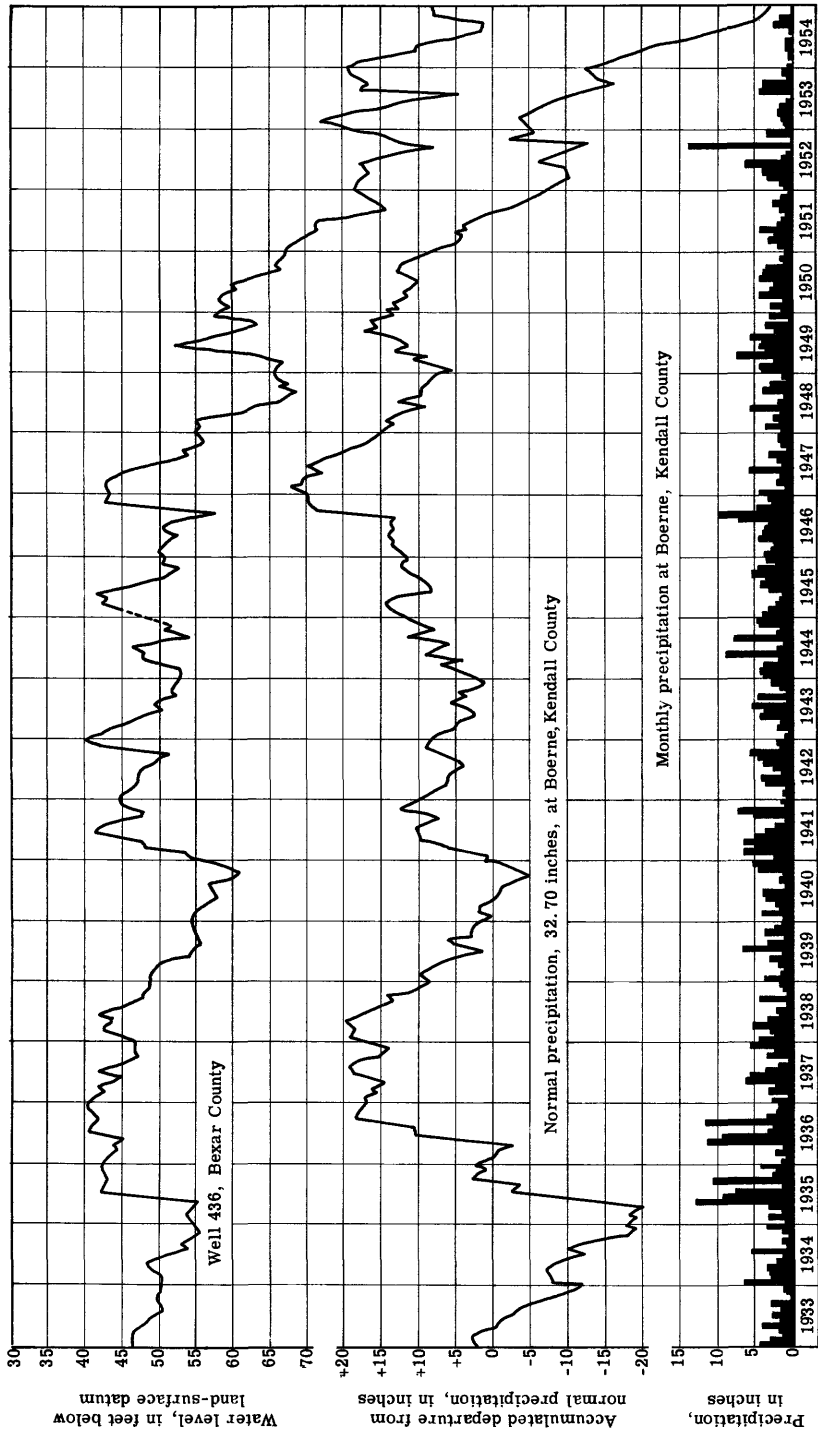


Figure 50. --Water level in Bexar County well 436, accumulated departure from normal precipitation, and precipitation at Boerne, Kendall County, Tex., 1933-54.

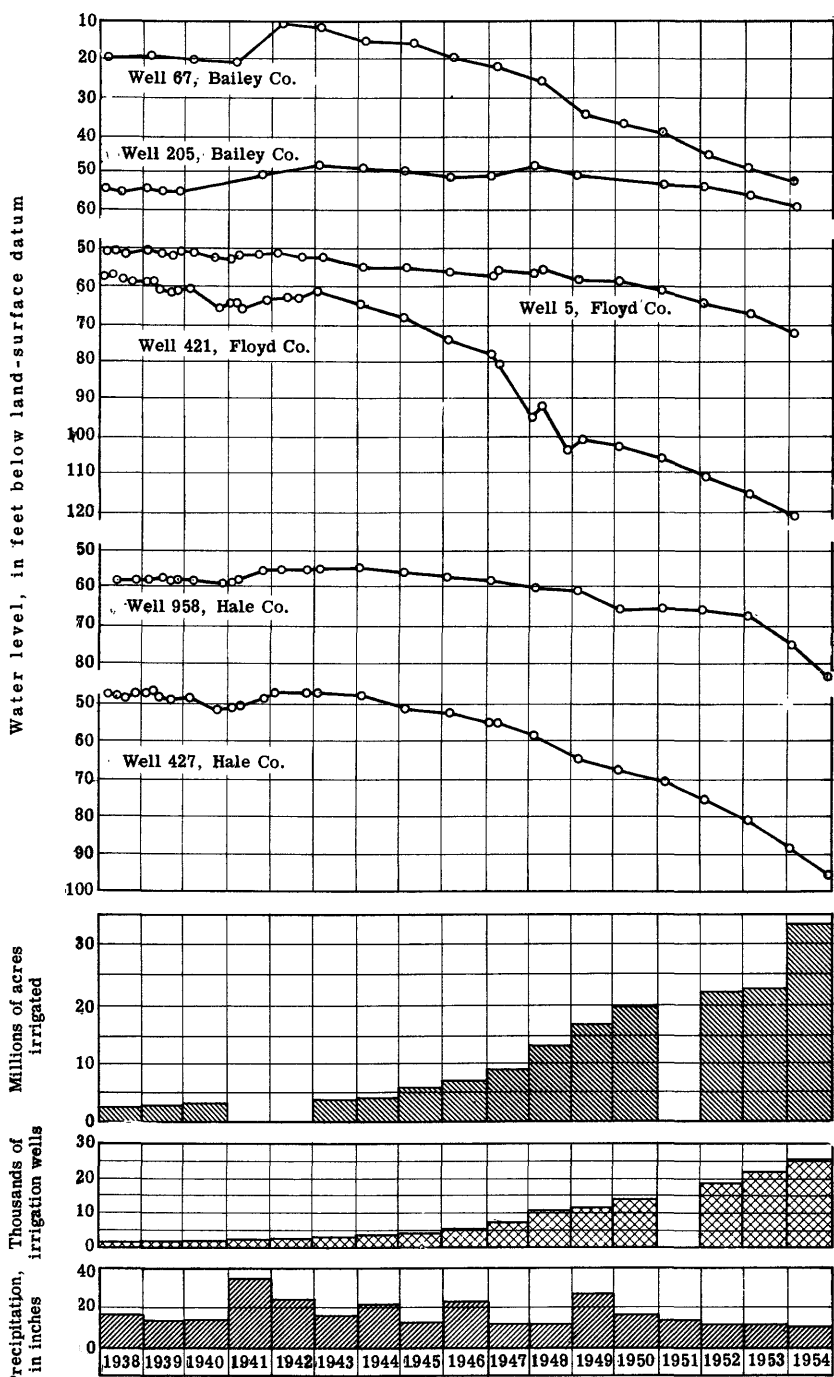


Figure 51. --Water levels in wells, acres irrigated, number of irrigation wells, and precipitation in the Southern High Plains of Texas, 1938-54.

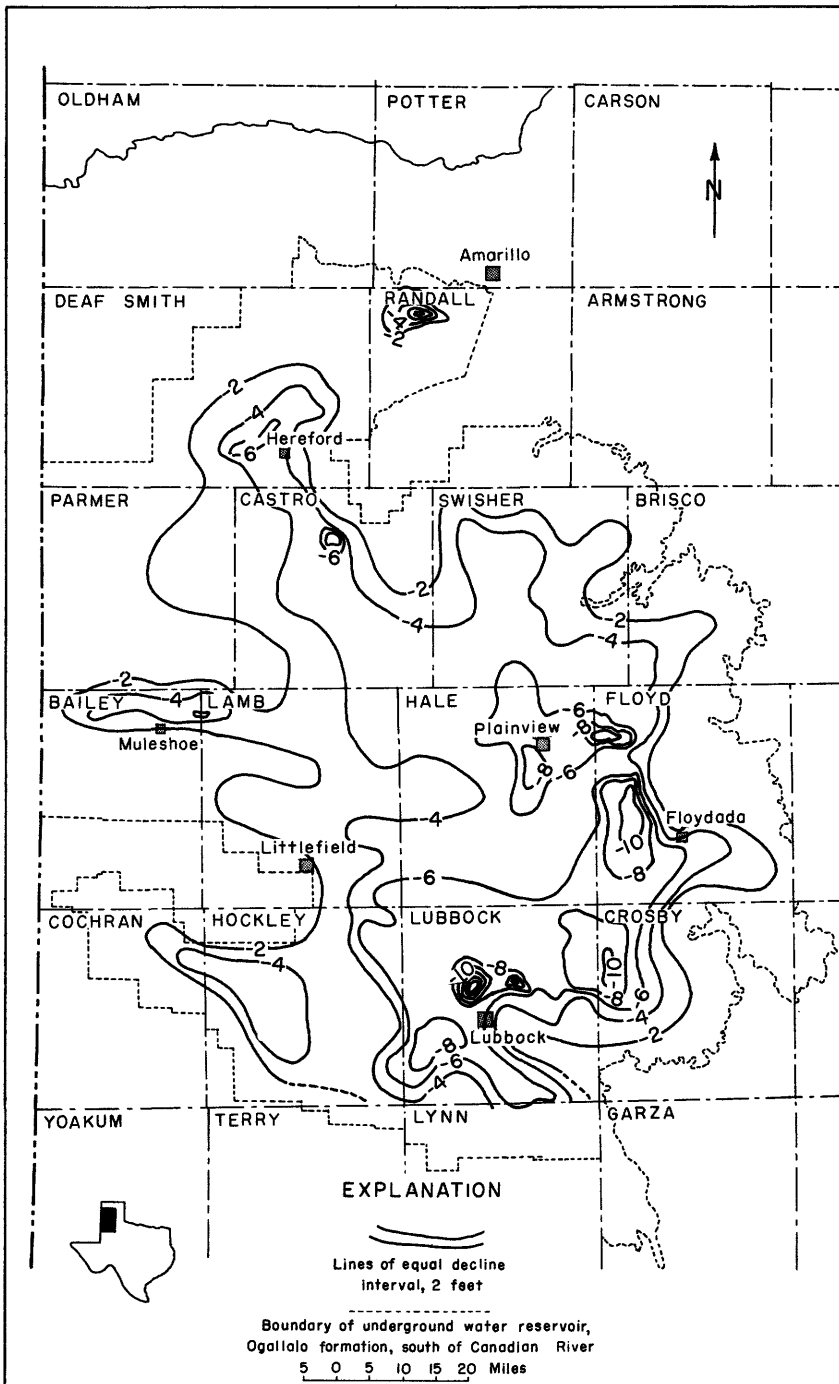


Figure 52. --Approximate decline of the water table in the Southern High Plains of Texas, January 1953 to January 1954.

High Plains.--The High Plains area in the Texas Panhandle, extending eastward from the New Mexico State line to the prominent High Plains escarpment, is divided into three parts, known as the North Plains, Southern High Plains, and the extreme Southern High Plains. In 1954, there were 28,000 irrigation wells in the entire area, about 4,000 more than in 1953. In the North Plains, about 450 wells irrigated 95,000 acres in 15 counties; about 2,000 wells irrigated 150,000 acres in 6 counties in the extreme southern part of the High Plains; and about 25,500 wells irrigated 3,300,000 acres in 22 counties in the heavily irrigated area of the Southern High Plains. (See fig. 51.) Water-level measurements are made annually in more than 500 observation wells throughout the High Plains during January, February, or March, when water levels have made the maximum recovery from the previous irrigation season. These measurements reflect the loss or gain of water in storage from year to year. (See fig. 52.) Near-drought conditions and additional ground-water withdrawal have had an unfavorable effect on water levels throughout the area. The greatest decline in water levels in the Southern High Plains occurred in western Floyd County, where there is heavy concentrated pumping. Radiating from this area, the water levels decline less and less. The average decline at the perimeter of the irrigation area in 1954 was less than 2 feet. In Floyd County, well 529 declined 0.70 foot; well 106 declined 11.9 feet. The average decline was 6.44 feet in 73 observation wells. Figure 51 illustrates the decline of water level in Floyd County wells 5 and 421 over a 19-year period. Figure 51 also illustrates the fluctuation of water levels in wells in the lightly and heavily pumped areas of Floyd, Bailey, and Hale Counties.

Publications

The following bulletins were released by the Texas Board of Water Engineers during 1954:

- Bulletin 5401, Pumpage of ground water and decline of artesian pressure in the Houston district, Texas, during 1951 and 1952.
- Bulletin 5402, Summary of ground-water development in the Southern High Plains, Texas.
- Bulletin 5403, Ground-water resources of Cameron County, Texas.
- Bulletin 5404, Records of water-level measurements in Dallam, Hansford, Hartley, Hutchinson, Moore, Ochiltree, and Sherman Counties, Texas.
- Bulletin 5405, Records of water-level measurements in Martin County, Texas.
- Bulletin 5406, Records of water-level measurements in Bailey, Briscoe, Castro, Parmer, Potter, and Randall Counties, Texas.
- Bulletin 5407, Records of water-level measurements in Cochran, Crosby, Gaines, Hockley, Lynn, and Terry Counties, Texas.
- Bulletin 5408, Records of water-level measurements in Loving and Ward Counties, Texas.
- Bulletin 5409, Salt water and its relation to fresh ground water in Harris County, Texas.
- Bulletin 5410, Ground-water development in Southern High Plains, Texas, 1953.
- Bulletin 5411, Ground-water resources of Tom Green County, Texas.
- Bulletin 5412, Ground-water resources of the San Antonio area, Texas.
- Bulletin 5413, Records of wells in Bastrop County, Texas.
- Bulletin 5414, Records of water-level measurements in Reeves County, Texas.
- Bulletin 5415, Records of water-level measurements in Culberson, Hudspeth, and Jeff Davis Counties, Texas.
- Bulletin 5416, Records of water-level measurements in Atascosa and Frio Counties, Texas.
- Bulletin 5417, Records of water-level measurements in El Paso County, Texas.
- Bulletin 5418, Ground-water resources of Jones County, Texas.

Acknowledgments

The City Water Board of San Antonio serviced three recording gages in San Antonio. The Houston Lighting & Power Co. made the measurements in Harris County well 1170. The Southland Paper Mills, Inc. furnished part of the measurements and pumpage figures in Angelina and Nacogdoches Counties. E. I. du Pont de Nemours Co. serviced a recording gage at the Victoria plant. The Soil Conservation Service, U. S. Department of Agriculture, measured several observation wells in Hale County.

Well-Numbering System

Three well-numbering systems have been used in Texas: (1) wells numbered consecutively beginning with 1 in the upper left hand corner of the map; (2) a grid system using a letter and a number to identify the grid and serial number in each grid; (3) a grid system using a letter alone to identify the grid and serial numbers in each grid. In some reports, the well-numbering system has been changed from system 1 to system 3, when a second report was released for the same area.

Well Descriptions and Water-Level Measurements

(Water levels are in feet below land-surface datum unless otherwise indicated.)

Angelina County

168. City of Lufkin. Near Redland School. Lat. 31°24', long. 94°43'. Drilled public-supply artesian well in Carrizo sand, diameter 16 to 8 inches, depth 1,170 feet, screen 1,058-1,170. Highest water level 81.0 below lsd, Feb. 5, 1939; lowest 344.3 below lsd, July 21, 1954. Records available: 1939-45, 1948-54. July 21, 344.3.

169. Gulf Pipe Line Co. Lat. 31°26', long. 94°45'. Drilled industrial artesian well in Carrizo sand, diameter 6 to 4 inches, depth 959 feet, screen 820-848. Highest water level 37.0 above lsd, Oct. 23, 1939; lowest 160.20 below lsd, July 19, 1954. Records available: 1939-46, 1948-54. Sept. 1, 1953, 152.60; Jan. 19, 1954, 149.93; July 19, 160.20.

178. Southland Paper Mills, Inc. well CW16-0. Lat. 31°27', long. 94°48'. Drilled observation artesian well in Carrizo sand, diameter 2 inches, depth 1,077 feet, screen 850-860, 931-941. Land-surface datum is 255 feet above msl. Highest water level 65.42 below lsd, Dec. 26, 1947; lowest 141.46 below lsd, July 19, 1954. Records available: 1947-54. Jan. 12, 137.25; July 1, 140.90; July 19, 141.46.

Aransas County

35. W. S. Kirby. Aransas Pass. Lat. 27°54', long. 97°08'. Drilled domestic water-table well in sand, diameter 4 inches, depth 39 feet. Land-surface datum is 10.18 feet above msl. Highest water level 5.43 below lsd, May 16, 1941; lowest 15.60 below lsd, Apr. 19, 1939. Records available: 1939-42, 1945, 1947, 1949-51, 1953-54. Dec. 14, 8.23.

77. H. G. Smith. Rockport. Lat. 28°01', long. 97°03'. Drilled unused water-table well in sand, diameter 4 inches, depth 58 feet. Land-surface datum is 10.36 feet above msl. Highest water level 2.60 below lsd, May 30, 1941; lowest 16.30 below lsd, June 19, 1939. Records available: 1939-42, 1945, 1947, 1949-51, 1953-54. Dec. 14, 4.74.

247. G. M. Broach. Lat. 28°01', long. 97°04'. Drilled farm water-table well in sand, diameter 4 inches, depth 29 feet. Land-surface datum is 16.59 feet above msl. Highest water level 2.59 below lsd, Nov. 16, 1949; lowest 13.14 below lsd, Dec. 14, 1954. Records available: 1940-42, 1945, 1947, 1949-51, 1953-54. Dec. 14, 13.14.

Atascosa County

5. H. Koehler. Lat. 29°05', long. 98°36'. Drilled irrigation well in Carrizo sand, diameter 10 inches, depth 450 feet, casing slotted 410-450. Highest water level 50.0 below lsd, 1931; lowest 65.82 below lsd, July 15, 1953. Records available: 1931, 1944-45, 1948-53. No measurement made in 1954.

33. C. E. Simmons. Lat. 29°02', long. 98°39'. Drilled irrigation well in Carrizo sand, diameter 8 inches, depth 800 feet. Highest water level 18.0 below lsd, July 19, 1940; lowest 44.94 below lsd, Sept. 23, 1954. Records available: 1940, 1944, 1949-54. Sept. 23, 44.94.

61. R. B. Fischer. Lat. 29°00', long. 98°32'. Drilled domestic artesian well in Carrizo sand, diameter 6 inches, depth 1,010 feet, cased to 850. Highest water level 28 above lsd, Jan. 1, 1925; lowest 15.54 below lsd, Sept. 22, 1954. Records available: 1925-26, 1944, 1948-54. Sept. 22, 15.54.

62. R. B. Fischer. Lat. 29°00', long. 98°32'. Drilled irrigation artesian well in Carrizo sand, diameter 8 inches, depth 1,090 feet, casing slotted 1,050-1,090. Highest water level 8.0 above lsd, Jan. 1, June 1, 1938; lowest 15.74 below lsd, Sept. 22, 1954. Records available: 1937-41, 1944, 1948-54. Sept. 22, 15.74.

100. Joe A. Coughran. Lat. 28°57', long. 98°22'. Drilled farm artesian well in Mount Selman formation, diameter 4 inches, depth 600 feet. Highest water level 14.70 below lsd, July 19, 1949; lowest 19.43 below lsd, July 16, 1953. Records available: 1944, 1948-54. Sept. 22, 18.28.

165. H. E. Whittet. Lat. 29°03', long. 98°42'. Drilled farm artesian well in Carrizo sand, diameter 4 inches, depth 250 feet. Highest water level 25 below lsd, 1910; lowest 46.59 below lsd, Sept. 23, 1954. Records available: 1910, 1929, 1944-46, 1948-54. July 15, 1953, 43.61; Sept. 23, 1954, 46.59.

168. Guy A. Bryan. Lat. $29^{\circ}06'$, long. $98^{\circ}35'$. Drilled farm water-table well in Carrizo sand, diameter 4 inches, depth 120 feet. Highest water level 90 below lsd, 1929; lowest 106.10 below lsd, Sept. 22, 1954. Records available: 1929, 1944-46, 1948-54. Sept. 25, 1953, 103.89; Sept. 22, 1954, 106.10.

177. W. R. Woods. Lat. $29^{\circ}01'$, long. $98^{\circ}42'$. Drilled farm artesian well in Carrizo sand, diameter 6 inches, depth 640 feet. Highest water level 5 above lsd, 1930; lowest 12.78 below lsd, Sept. 23, 1954. Records available: 1929, 1944, 1946, 1948-54. Sept. 23, 12.78.

187. Dan Reed. Lat. $29^{\circ}03'$, long. $98^{\circ}36'$. Drilled irrigation artesian well in Carrizo sand, diameter 10 inches, depth 666 feet. Highest water level 32 below lsd, 1930; lowest 57.84 below lsd, Sept. 23, 1954. Records available: 1929, 1944-46, 1948-54. Sept. 23, 57.84.

196. F. Holberg. Lat. $29^{\circ}02'$, long. $98^{\circ}38'$. Drilled irrigation artesian well in Carrizo sand, diameter 6 inches, depth 600 feet. Highest water level 3 above lsd, 1930; lowest 29.83 below lsd, Sept. 24, 1954. Records available: 1929, 1944-46, 1948-54. Sept. 24, 29.83.

213a. E. T. Page. Lat. $29^{\circ}03'$, long. $98^{\circ}32'$. Drilled irrigation artesian well in Carrizo sand, diameter 10 inches, depth 735 feet. Highest water level 74.14 below lsd, Feb. 14, 1949; lowest 91.27 below lsd, Sept. 24, 1954. Records available: 1948-54. Feb. 18, 81.19; May 25, 85.37; Sept. 24, 91.27; Oct. 24, 88.66; Nov. 23, 88.38.

246. A. E. Beckman. Lat. $28^{\circ}52'$, long. $98^{\circ}40'$. Drilled farm artesian well in Carrizo sand, diameter 7 inches, depth 1,692 feet. Highest water level 12 below lsd, 1930; lowest 55.44 below lsd, Sept. 22, 1954. Records available: 1929, 1944-46, 1948-51, 1953-54. Sept. 22, 55.44.

251. C. S. Young. Lat. $28^{\circ}56'$, long. $98^{\circ}31'$. Drilled stock artesian well in Mount Selman formation, diameter 6 inches, depth 1,428 feet. Highest water level 10 below lsd, 1930; lowest 49.60 below lsd, July 21, 1952. Records available: 1929-30, 1944-45, 1948-52. Measurement discontinued.

253. W. A. Rickter. Lat. $28^{\circ}59'$, long. $98^{\circ}26'$. Drilled farm artesian well in Carrizo sand, diameter 10 inches, depth 1,429 feet. Highest water level 2.0 above lsd, 1930; lowest 9.81 below lsd, July 10, 1951. Records available: 1929-30, 1944, 1948-52. Measurement discontinued.

299. H. C. McCaughn. Lat. $29^{\circ}03'$, long. $98^{\circ}36'$. Drilled farm artesian well in Carrizo sand, diameter 6 inches, depth 1,000 feet. Highest water level 27.5 below lsd, 1929; lowest 59.17 below lsd, Sept. 23, 1954. Records available: 1929, 1944, 1946, 1948-54. Sept. 23, 59.17.

337. L. B. Wier. Lat. $28^{\circ}56'$, long. $98^{\circ}43'$. Drilled farm artesian well in Carrizo sand, diameter 5 inches, depth 1,207 feet. Highest water level 38 below lsd, 1908; lowest 92.41 below lsd, Sept. 23, 1954. Records available: 1908, 1929, 1944-46, 1948-54. Sept. 23, 92.41.

Bailey County

5a. E. W. Gray. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 3, blk. Z. Lat. $34^{\circ}17'$, long. $102^{\circ}52'$. Drilled stock water-table well in sand, diameter 6 inches, depth 74 feet. Highest water level 39.22 below lsd, Nov. 10, 1941; lowest 78.40 below lsd, Jan. 9, 1954. Records available: 1937-42, 1944-54. Jan. 9, 78.40.

9. Fred McKillip. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 21, blk. Z. Lat. $34^{\circ}16'$, long. $102^{\circ}54'$. Drilled irrigation water-table well in sand, diameter 12 inches, depth 79 feet. Highest water level 36.84 below lsd, Feb. 12, 1943; lowest 58.44 below lsd, Jan. 9, 1954. Records available: 1936-54. Jan. 9, 58.44.

25. C. A. Wagner. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 6, blk. Z. Lat. $34^{\circ}15'$, long. $102^{\circ}52'$. Drilled irrigation water-table well in sand, depth 100 feet. Highest water level 14.92 below lsd, Mar. 17, 1942; lowest 41.21 below lsd, Jan. 9, 1954. Records available: 1936-54. Jan. 9, 41.21.

33. Mrs. J. W. Gregory. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 12, blk. X. Lat. $34^{\circ}15'$, long. $102^{\circ}50'$. Drilled irrigation water-table well in sand, diameter 16 to 10 inches, depth 96 feet, cased to 96. Highest water level 25.95 below lsd, Mar. 17, 1942; lowest 51.43 below lsd, Jan. 9, 1954. Records available: 1936-42, 1945-54. Jan. 9, 51.43.

36. C. J. Darby. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 23, blk. X. Lat. $34^{\circ}15'$, long. $102^{\circ}48'$. Drilled irrigation water-table well in sand, diameter 10 inches, depth 100 feet, cased to 90. Highest water level 12.50 below lsd, Mar. 17, 1942; lowest 35.84 below lsd, Jan. 9, 1954. Records available: 1936-54. Jan. 9, 35.84.

45. H. M. Schofner. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, blk. Y. Lat. 34°15', long. 102°45'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 51 feet. Highest water level 11.34 below lsd, Nov. 12, 1941; lowest 35.85 below lsd, Jan. 11, 1954. Records available: 1937-54. Jan. 11, 35.85.
49. W. F. Harrison. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, blk. X. Lat. 34°15', long. 102°46'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 72 feet. Highest water level 17.74 below lsd, Feb. 12, 1943; lowest 42.22 below lsd, Jan. 10, 1954. Records available: 1936-54. Jan. 10, 42.22.
53. W. B. Gwyn, Sr. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, blk. Y. Lat. 34°15', long. 102°45'. Drilled unused water-table well in sand, diameter 16 inches, depth 78 feet, cased to 52. Highest water level 16.58 below lsd, July 30, 1941; lowest 42.73 below lsd, Jan. 10, 1954. Records available: 1936-54. Jan. 10, 42.73.
62. Briscoe. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 42, blk. Y. Lat. 34°15', long. 102°43'. Drilled irrigation water-table well in sand, diameter 15 to 12 inches, depth 140 feet, cased to 140. Highest water level 15.42 below lsd, Feb. 11, 1943; lowest 55.36 below lsd, Jan. 10, 1954. Records available: 1936-54. Jan. 10, 55.36.
63. Sam Gorrell. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 42, blk. Y. Lat. 34°15', long. 102°44'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 174 feet, cased to 100. Highest water level 17.08 below lsd, Feb. 11, 1943; lowest 49.97 below lsd, Jan. 10, 1954. Records available: 1934, 1936-45, 1947-54. Jan. 10, 49.97.
67. I. W. Hardin. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 41, blk. Y. Lat. 34°15', long. 102°43'. Drilled irrigation water-table well in sand, diameter 30 inches, depth 49 feet. Highest water level 11.98 below lsd, Nov. 30, 1942; lowest 53.23 below lsd, Jan. 10, 1954. Records available: 1936-54. Jan. 10, 53.23.
69. E. R. Hart. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 52, blk. Y. Lat. 34°15', long. 102°43'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 68 feet. Highest water level 8.35 below lsd, Nov. 30, 1942; lowest 42.67 below lsd, Jan. 10, 1954. Records available: 1936-45, 1947-54. Jan. 10, 42.67.
92. L. H. McConnell. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 51, blk. Y. Lat. 34°16', long. 102°42'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 64 feet. Highest water level 15.27 below lsd, Mar. 17, 1942; lowest 38.02 below lsd, Jan. 8, 1953. Records available: 1936-44, 1947-48, 1950-53. Measurement discontinued.
- 95a. E. R. Hart. NW. cor. sec. 71, blk. Y. Lat. 34°16', long. 102°41'. Drilled irrigation water-table well in sand. Highest water level 25.54 below lsd, Mar. 12, 1948; lowest 42.18 below lsd, Jan. 11, 1954. Records available: 1948-54. Jan. 11, 42.18.
- 108a. T. L. Mounts. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, blk. W. Lat. 34°16', long. 102°37'. Drilled irrigation water-table well in sand. Highest water level 35.50 below lsd, Mar. 18, 1946; lowest 55.01 below lsd, Jan. 10, 1954. Records available: 1946-54. Jan. 10, 55.01. Measurement discontinued.
117. Allison Cassady. NW. cor. sec. 32, blk. W. Lat. 34°17', long. 102°38'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 53 feet. Highest water level 29.00 below lsd, Nov. 30, 1942, Feb. 11, 1943; lowest 52.17 below lsd, Jan. 10, 1954. Records available: 1934, 1936-54. Jan. 10, 52.17.
- 130a. Carpenter. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, blk. W. Lat. 34°15', long. 102°38'. Drilled irrigation water-table well in sand. Highest water level 22.80 below lsd, Feb. 12, 1948; lowest 39.66 below lsd, Jan. 11, 1954. Records available: 1948-52, 1954. Jan. 11, 39.66.
131. R. D. Precure. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, blk. W. Lat. 34°15', long. 102°37'. Drilled irrigation water-table well in sand, depth 59 feet. Highest water level 12.14 below lsd, Nov. 30, 1942; lowest 38.61 below lsd, Jan. 11, 1954. Records available: 1914, 1936-54. Jan. 11, 38.61.
132. J. A. Ryan. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, blk. W. Lat. 34°15', long. 102°37'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 77 feet, cased to 18. Highest water level 12.54 below lsd, Nov. 30, 1942; lowest 39.88 below lsd, Jan. 11, 1954. Records available: 1913, 1936-45, 1947-54. Jan. 11, 39.88.
135. B. H. Porter. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 47, blk. W. Lat. 34°14', long. 102°37'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 150 feet. Highest water level 7.09 below lsd, Nov. 1, 1941; lowest 28.98 below lsd, Jan. 11, 1954. Records available: 1914, 1937-39, 1941-43, 1949-54. Jan. 11, 28.98.

136. C. A. Barnett. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 48, blk. W. Lat. 34°14', long. 102°38'. Drilled irrigation water-table well in sand, diameter 13 inches, depth 86 feet. Highest water level 5.44 below lsd, Nov. 1, 1941; lowest 28.81 below lsd, Jan. 11, 1954. Records available: 1914, 1934, 1936-54. Jan. 11, 28.81.

137. J. C. Hunt. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 48, blk. W. Lat. 34°14', long. 102°38'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 130 feet. Highest water level 6.37 below lsd, Nov. 1, 1941; lowest 27.62 below lsd, Jan. 11, 1954. Records available: 1914, 1936-54. Jan. 11, 27.62.

207. Whittington. SE $\frac{1}{4}$ lab. 22, lge. 188. Lat. 34°06', long. 102°44'. Drilled stock water-table well in sand, diameter 6 inches, depth 142 feet. Highest water level 81.24 below lsd, Jan. 10, 1953; lowest 100.88 below lsd, June 16, 1938. Records available: 1936-44, 1946-47, 1949-54. Jan. 10, 82.33.

Bexar County

15. Robert Mechler. Lat. 29°22', long. 98°46'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 918 feet. Land-surface datum is 809.14 feet above msl. Highest water level 102.95 below lsd, Jan. 4, 1937; lowest 170.10 below lsd, Aug. 23, 1954. Records available: 1933-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	152.63	Apr. 6	162.80	July 6	163.60	Oct. 4	167.43
Feb. 4	154.66	May 3	161.25	Aug. 4	168.26	Nov. 1	166.47
Mar. 1	157.45	June 7	162.95	23	170.10		

26. Fuller's Earth Plant. Lat. 29°22', long. 98°42'. Drilled unused artesian well in Edwards limestone, diameter 6 inches, depth 778 feet. Land-surface datum is 788.15 feet above msl. Highest water level 89.68 below lsd, June 28, 1935; lowest 155.44 below lsd, Aug. 23, 1954. Records available: 1933-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	137.61	Apr. 6	147.57	July 6	149.75	Oct. 4	152.50
Feb. 4	139.71	May 3	145.72	Aug. 4	153.60	Nov. 1	151.05
Mar. 1	143.67	June 7	149.22	23	155.44		

28. A. J. McCulley. Lat. 29°24', long. 98°37'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 888 feet. Land-surface datum is 744.45 feet above msl. Highest water level 48.13 below lsd, June 28, 1935; lowest 111.60 below lsd, Aug. 23, 1954. Records available: 1933-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	93.61	Apr. 6	103.93	July 6	105.59	Oct. 4	108.49
Feb. 4	95.84	May 3	101.44	Aug. 23	111.60	Nov. 1	106.99
Mar. 1	98.74	June 7	106.10				

224. City of San Antonio. Acme Rd. well at city limits. Lat. 29°25', long. 98°32'. Drilled observation artesian well in Edwards limestone, diameter 24 to 12 inches, depth 965 feet. Land-surface datum is 723.75 feet above msl. Highest water level 48.21 below lsd, May 2, 1949; lowest 94.32 below lsd, Aug. 11, 1954. Records available: 1944, 1948-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	75.94	77.50	80.43	84.38	83.86	85.62	87.26	93.46	92.67	91.68	88.15	86.88
2	75.52	.....	80.73	84.28	83.54	.....	87.72	91.27	92.15	91.05	88.59	87.01
3	75.81	77.50	81.19	85.02	83.30	.....	87.70	90.51	92.85	90.55	87.86	86.90
4	75.66	.....	81.00	84.57	83.41	.....	87.27	91.19	93.05	90.15	87.96	87.03
5	76.09	78.28	80.75	84.47	83.62	87.23	87.58	91.83	92.85	89.76	87.83	86.88
6	76.36	78.23	80.34	85.17	83.96	87.27	88.38	92.41	92.30	89.28	87.51	86.74
7	76.61	78.25	80.52	85.43	84.36	87.09	88.52	92.69	92.77	89.08	87.46	86.86
8	76.57	77.94	80.55	85.82	85.00	88.11	88.67	92.80	93.25	88.86	87.46	86.72
9	76.68	78.20	81.29	84.60	85.15	88.55	89.13	.....	93.69	88.58	87.72	87.09
10	76.59	78.35	81.54	84.04	84.98	88.92	89.63	93.50	93.77	88.20	87.55	87.07
11	76.65	78.77	82.05	83.63	85.53	89.23	89.55	94.32	93.68	87.63	87.15	86.74
12	76.94	79.13	82.37	83.38	85.19	89.51	89.48	.....	93.40	88.10	87.03	86.58
13	76.85	78.96	82.74	83.91	84.57	89.40	89.82	.....	92.98	88.32	86.88	86.25
14	76.47	78.58	82.15	82.88	84.50	89.10	89.93	.....	93.78	88.57	86.72	86.28
15	76.27	78.42	81.95	83.35	84.80	89.70	90.25	.....	93.95	88.53	86.34	86.45
16	76.46	78.95	82.41	83.55	84.62	89.49	90.93	.....	94.13	88.75	86.22	86.37
17	76.50	79.23	82.23	83.47	84.49	90.10	91.13	.....	94.30	88.55	86.24	86.70
18	76.14	79.31	81.78	83.57	85.30	90.45	91.02	.....	94.00	88.50	86.45	86.53
19	76.28	78.95	82.33	83.34	85.50	90.18	90.78	94.14	93.40	89.16	86.54	86.38
20	76.43	79.22	82.84	84.30	85.38	89.53	91.55	93.85	92.50	89.36	86.47	86.30

224--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	76.90	79.43	.....	84.99	85.14	88.22	91.92	93.66	93.65	89.43	86.31	86.60
22	77.12	79.38	.....	85.22	85.13	89.23	92.44	93.68	93.65	89.68	86.29	86.78
23	77.00	79.89	.....	85.58	84.93	89.95	92.63	92.55	93.50	89.35	86.51	86.77
24	76.81	79.90	.....	85.62	84.59	90.41	92.85	93.22	93.43	89.05	86.71	86.74
25	76.71	80.19	83.42	85.74	84.17	90.42	92.51	93.58	93.45	88.70	86.75	86.47
26	76.89	80.56	83.89	85.83	83.84	88.65	92.20	93.90	93.40	88.64	86.31	85.86
27	.....	80.80	83.82	85.93	83.74	87.89	93.23	94.18	92.75	89.35	86.70	85.69
28	.....	81.02	83.87	85.00	84.10	87.12	93.95	94.25	93.17	89.50	86.52	86.10
29	.....	.....	83.58	84.47	84.45	87.04	94.24	93.28	93.50	88.72	86.61	86.08
30	.....	.....	84.47	84.25	84.84	87.56	94.15	92.80	92.70	88.66	86.84	86.08
31	.....	.....	84.60	.....	84.68	.....	93.46	92.62	.....	88.47	.....	86.00

436. Ed. Steves & Sons. Beverly Lodges Tourist Court. Lat. 29°28', long. 98°26'.

Drilled unused artesian well in Edwards limestone, diameter 12 inches, depth 756 feet. Land-surface datum is 722.56 feet above msl. Highest water level 37.20 below lsd, Oct. 25, 1942; lowest 94.47 below lsd, Aug. 13-14, 1954. Records available: 1932-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	77.30	80.50	84.38	83.74	85.78	87.26	91.42	92.67	92.27	88.11	87.00
2	77.56	80.81	84.30	83.40	86.22	87.60	90.35	92.70	91.05	88.64	87.12
3	77.66	81.30	85.11	83.19	87.12	87.60	91.10	92.90	90.50	88.22	87.04
4	78.08	81.04	84.60	83.30	87.22	87.07	.....	93.25	90.05	87.83	87.13
5	78.38	80.82	84.60	83.63	87.38	86.97	.....	92.97	89.90	87.86	86.98
6	78.44	80.38	85.15	84.00	87.32	87.65	92.50	92.45	89.45	87.76	86.80
7	78.35	80.58	85.58	84.45	87.07	88.15	92.58	92.94	89.27	87.49	86.96
8	78.05	80.60	85.96	85.10	88.22	88.78	92.78	93.55	88.98	87.48	86.86
9	78.40	81.43	84.63	85.18	88.79	89.40	92.40	93.65	88.63	87.74	87.20
10	78.55	81.68	84.05	84.84	89.20	89.63	93.65	94.05	88.15	87.52	87.14
11	78.98	82.23	83.53	85.64	89.45	89.77	94.36	93.92	88.87	87.13	86.77
12	79.34	82.54	83.30	85.17	89.67	89.50	94.43	93.48	88.15	87.08	86.55
13	79.16	82.78	83.96	84.42	89.50	89.92	94.47	93.10	88.45	86.97	86.25
14	78.69	82.10	83.98	84.37	89.08	90.03	94.47	93.82	88.75	86.74	86.34
15	78.53	81.98	83.37	84.61	89.80	90.40	94.18	94.16	88.95	86.40	86.48
16	79.10	82.44	83.54	84.50	89.53	91.13	93.40	94.23	88.88	86.27	86.42
17	79.38	82.20	83.52	84.35	90.15	91.35	94.00	94.37	88.63	86.25	86.77
18	76.22	79.51	81.85	83.67	85.25	90.45	91.17	.....	94.12	88.50	86.52
19	76.37	79.03	82.40	83.48	85.55	90.19	90.80	.....	93.35	89.32	86.64
20	76.54	79.37	82.95	84.54	85.33	89.40	91.75	.....	92.53	89.52	86.59
21	77.08	79.61	83.00	85.15	85.16	88.60	92.12	93.85	93.61	89.55	86.41
22	77.29	79.52	82.73	85.46	85.19	89.24	92.64	93.79	93.49	89.74	86.30
23	76.18	80.09	82.83	85.68	84.97	89.90	92.78	92.59	93.46	89.34	.....
24	76.88	80.09	82.87	85.68	84.57	90.42	92.92	93.33	93.45	89.98	86.87
25	76.80	80.35	83.48	85.79	84.15	90.38	92.54	93.78	93.50	88.70	.....
26	76.98	80.82	83.99	85.38	83.78	88.53	92.20	93.98	93.37	89.20	86.35
27	77.29	80.97	83.80	86.02	83.68	87.42	93.33	94.25	92.82	89.65	86.85
28	77.19	81.13	83.97	85.32	84.13	86.82	93.99	94.38	93.29	88.94	86.73
29	77.17	.....	83.72	84.37	84.47	86.78	94.15	93.08	93.58	88.63	86.64
30	77.36	.....	84.57	84.22	84.88	86.87	94.12	92.60	93.72	88.67	86.10
31	77.52	.....	84.72	.....	84.72	.....	93.37	92.62	.....	88.50	86.00

XB-1. Robert Boenig. Lat. 29°23', long. 98°39'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 916 feet. Highest water level 106.91 below lsd, Nov. 30, 1942; lowest 163.07 below lsd, Aug. 23, 1954. Records available: 1937-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	145.20	Apr. 6	155.26	July 6	156.40	Oct. 4	159.86
Feb. 4	147.62	May 3	153.21	Aug. 4	161.51	Nov. 1	158.26
Mar. 1	150.45	June 7	157.22	23	163.07		

XB-2. Oscar Bippert. Lat. 29°30', long. 98°24'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 830 feet. Land-surface datum is 760.33 feet above msl. Highest water level 58.60 below lsd, May 28, 1941; lowest 122.08 below lsd, Aug. 23, 1954. Records available: 1934, 1937-45, 1947-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	104.38	Apr. 6	114.13	July 6	116.02	Oct. 4	119.27
Feb. 4	106.41	May 3	112.65	Aug. 4	120.20	Nov. 1	117.79
Mar. 1	109.28	June 7	115.86	23	122.08		

XB-3. Beitel Church. Lat. 29°30', long. 98°24'. Drilled domestic artesian well in Edwards limestone, diameter 6 inches, depth 434 feet. Land-surface datum is 721.63 feet above msl. Highest water level 44.23 below lsd, May 29, 1941; lowest 93.50 below lsd, Aug. 7, 1953. Records available: 1933-35, 1938-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	78.10	May 3	79.66	Aug. 4	86.43	Oct. 4	85.90
Feb. 4	80.64	June 7	83.62	23	87.71	Nov. 2	76.71
Mar. 1	83.15	July 6	83.57				

Brazoria County

18. Humble Oil & Refining Co. Lat. 29°12', long. 95°49'. Drilled unused artesian well in sand, diameter 4 inches, depth 473 feet, screen 438-473. Highest water level 8.61 below lsd, Nov. 7, 1946; lowest 20.40 below lsd, July 24, 1953. Records available: 1946, 1949-54. Aug. 10, 20.13.

19. Humble Oil & Refining Co. Lat. 29°11', long. 95°48'. Drilled unused artesian well in sand, diameter 4 inches, depth 399 feet, screen 379-399. Highest water level 8.38 below lsd, Nov. 7, 1946; lowest 26.58 below lsd, Aug. 10, 1954. Records available: 1946, 1949-54. Aug. 10, 26.58.

28. Humble Oil & Refining Co. Lat. 49°10', long. 95°47'. Drilled unused artesian well in sand, diameter 4 inches, depth 594 feet, screen 582-594. Highest water level 5.08 below lsd, Nov. 7, 1946; lowest 18.89 below lsd, July 24, 1953. Records available: 1946, 1949-53. No measurement made in 1954.

30. Humble Oil & Refining Co. Lat. 29°10', long. 95°47'. Drilled unused artesian well in sand, diameter 7 inches, depth 500 feet. Highest water level 9.82 below lsd, Nov. 7, 1946; lowest 22.01 below lsd, Aug. 10, 1954. Records available: 1946, 1949-54. Aug. 10, 22.01.

31. Humble Oil & Refining Co. Lat. 29°09', long. 95°47'. Drilled unused artesian well in sand, diameter 4 inches, depth 618 feet, screen 583-618. Highest water level 4.16 below lsd, Nov. 7, 1946; lowest 23.31 below lsd, Aug. 10, 1954. Records available: 1946, 1949-54. Aug. 10, 23.31.

37. R. R. Farmer. Lat. 29°08', long. 95°42'. Drilled unused artesian well in sand, diameter 2 inches, depth 613 feet. Highest water level 8.0 above lsd, Oct. 21, 1936; lowest 21.26 below lsd, Aug. 13, 1952. Records available: 1936, 1946, 1949-54. Aug. 10, 19.88.

100. Phillips Petroleum Co. Lat. 29°04', long. 95°44'. Drilled observation artesian well in sand, diameter 4 inches, depth 150 feet, screen 132-142. Highest water level 9.64 below lsd, Nov. 5, 1946; lowest 50.43 below lsd, Aug. 22, 1951. Records available: 1942, 1944, 1946-54. Aug. 8, 33.40; Sept. 15, 30.17; Nov. 8, 22.00.

101. Phillips Petroleum Co. Lat. 29°04', long. 95°44'. Drilled observation artesian well in sand, diameter 3 inches, depth 161 feet. Highest water level 10.16 below lsd, Nov. 5, 1946; lowest 55.74 below lsd, Aug. 12, 1952. Records available: 1943-44, 1946-54. Oct. 25, 31.48; Nov. 8, 42.48.

125. The Texas Co. Lat. 29°03', long. 95°41'. Drilled unused artesian well in sand, diameter 4 inches, depth 475 feet, screen 449-470. Highest water level flowing, Nov. 4, 1946; lowest 10.84 below lsd, Aug. 10, 1954. Records available: 1946, 1949-54. Aug. 10, 10.84.

126. Peerless Carbon Co. Lat. 29°02', long. 95°39'. Drilled industrial artesian well in sand, diameter 6 inches, depth 185 feet, screen 145-185. Highest water level 10.4 below lsd, Nov. 5, 1946; lowest 16.15 below lsd, July 28, 1953. Records available: 1946, 1949-53. No measurement made in 1954.

308. Freeport City well 6. 1231 West Eighth St., Freeport. Lat. 28°51', long. 95°21'. Drilled public-supply artesian well in sand, diameter 14 to 8 inches, depth 249 feet, screen 206-247. Highest water level 58.5 below lsd, June 27, 1941; lowest 146.0 below lsd, Aug. 21, 1951. Records available: 1941, 1946, 1949-54. Aug. 9, 140.15.

327. Velasco City well 2. 517 Ave. D., Velasco. Lat. 28°52', long. 95°21'. Drilled public-supply artesian well in sand, diameter 10 to 5 inches, depth 255 feet, screen 218-245. Highest water level 93.5 below lsd, Feb. 19, 1946; lowest 129.50 below lsd, Aug. 21, 1951. Records available: 1946, 1949-53. No measurement made in 1954.

328. Velasco City well 1. Velasco. Lat. 28°52', long. 95°21'. Drilled public-supply artesian well in sand, diameter 10 to 5 inches, depth 266 feet, screen 216-263. Highest water level 84.0 below lsd, Aug. 30, 1941; lowest 135.60 below lsd, Aug. 21, 1951. Records available: 1941, 1946, 1949-52. Measurement discontinued.

415. Humble Oil & Refining Co. Lat. 29°16', long. 95°20'. Drilled unused artesian well in sand, diameter 4 inches, depth 400 feet. Highest water level 1.06 below lsd, July 29, 1946; lowest 9.98 below lsd, Jan. 4, 1949. Records available: 1946, 1948-54. Aug. 4, 9.46.

417. Humble Oil & Refining Co. Lat. 29°15', long. 95°20'. Drilled unused artesian well in sand, diameter 4 inches, depth 315 feet, screen 289-310. Highest water level 0.95 above lsd, July 29, 1946; lowest 13.02 below lsd, Aug. 4, 1954. Records available: 1946, 1948-54. Aug. 4, 13.02.

418. Humble Oil & Refining Co. Lat. 29°15', long. 95°20'. Drilled unused artesian well in sand, diameter 4 inches, depth 514 feet, screen 491-514. Highest water level 19.51 below lsd, Mar. 3, 1948; lowest 28.79 below lsd, Jan. 11, 1952. Records available: 1946, 1948-54. Aug. 4, 25.98.

421. Humble Oil & Refining Co. Lat. 29°15', long. 95°19'. Drilled unused artesian well in sand, diameter 4 inches, depth 309 feet, screen 285-309. Highest water level 2.48 below lsd, July 29, 1946; lowest 14.95 below lsd, Aug. 4, 1954. Records available: 1946, 1948-54. Aug. 4, 14.95.

425. J. M. Skrabanek. Lat. 29°11', long. 95°19'. Drilled unused artesian well in sand, diameter 24 to 12 inches, depth 960 feet, screens opposite sands between 499 and 870. Highest water level 31.25 below lsd, Aug. 28, 1946; lowest 41.70 below lsd, Jan. 15, 1953. Records available: 1946, 1948-53. No measurement made in 1954.

429. Ed. Berry. Lat. 29°11', long. 95°22'. Drilled irrigation artesian well in sand, diameter 18 to 12 inches, depth 324 feet, casing slotted opposite sands below 60. Highest water level 5.41 below lsd, Mar. 3, 1948; lowest 11.23 below lsd, Aug. 30, 1950. Records available: 1946, 1948-53. Measurement discontinued.

432. Humble Oil & Refining Co. Lat. 29°13', long. 95°26'. Drilled unused artesian well in sand, diameter 4 inches, depth 618 feet, screen 594-617. Highest water level 8.84 below lsd, Oct. 7, 1946; lowest 25.10 below lsd, Jan. 14, 1953. Records available: 1946, 1948-54. Aug. 11, 24.83.

438. Humble Oil & Refining Co. Lat. 29°11', long. 95°26'. Drilled unused artesian well in sand, diameter 4 inches, depth 807 feet, screen 785-807. Highest water level 13.19 below lsd, Oct. 7, 1946; lowest 28.94 below lsd, Aug. 11, 1954. Records available: 1946, 1948-54. Aug. 11, 28.94.

515. Otto Sens Club. Lat. 29°22', long. 95°28'. Drilled unused artesian well in sand, diameter 2 inches, depth 900 feet. Highest water level 9.87 below lsd, May 22, 1939; lowest 41.86 below lsd, Jan. 28, 1954. Records available: 1939, 1946, 1948-54. Jan. 28, 41.86.

522. C. Martin. Lat. 29°25', long. 95°26'. Drilled unused artesian well in sand, diameter 26 to 10 inches, depth 906 feet, screens opposite sands below 361. Highest water level 7.92 below lsd, Apr. 10, 1931; lowest 32.38 below lsd, Jan. 14, 1952. Records available: 1931, 1939, 1946, 1948-54. Jan. 28, 31.87.

526. Humble Oil & Refining Co. Lat. 29°24', long. 94°17'. Drilled unused artesian well in sand, diameter 4 inches, depth 666 feet, screen 631-663. Highest water level 28.87 below lsd, Aug. 27, 1946; lowest 51.11 below lsd, July 22, 1953. Records available: 1946, 1949-54. Jan. 29, 50.21.

552. Stanolind Oil & Gas Co. Lat. 29°18', long. 95°15'. Drilled unused artesian well in sand, diameter 4 inches, depth 226 feet. Highest water level 6.55 below lsd, Jan. 16, 1950; lowest 8.71 below lsd, Aug. 4, 1954. Records available: 1946, 1949-54. Jan. 29, 7.17; Aug. 4, 8.71.

554. Phillips Petroleum Co. Lat. 29°19', long. 95°13'. Drilled unused artesian well in sand, diameter 4 inches, depth 400 feet. Highest water level 24.80 below lsd, July 25, 1946; lowest 67.81 below lsd, Aug. 4, 1954. Records available: 1946, 1949-54. Jan. 29, 62.83; Aug. 4, 67.81.

559. Dr. E. W. Andrau. Lat. 29°20', long. 95°12'. Drilled unused artesian well in sand, diameter 16 to 10 inches, depth 1,185 feet, screens opposite sands between 344 and 906. Highest water level 46.27 below lsd, Aug. 28, 1946; lowest 66.73 below lsd, Aug. 4, 1954. Records available: 1946, 1948-54. Jan. 29, 64.89; Aug. 4, 66.73.

612. C. H. Alexander. Lat. 29°34', long. 95°17'. Drilled irrigation artesian well in sand, diameter 20 to 14 inches, depth 1,773 feet, casing slotted opposite sands between 350 and 1,300. Highest water level 83.62 below lsd, Mar. 11, 1947; lowest 135.10 below lsd, Sept. 27, 1954. Records available: 1947-54. Feb. 18, 127.14; Sept. 27, 135.10; Dec. 17, 134.72.

622. Humble Oil & Refining Co. Lat. 29°30', long. 95°13'. Drilled unused artesian well in sand, diameter 4 inches, depth 495 feet, screen 452-482. Highest water level 89.85 below lsd, July 1, 1946; lowest 132.42 below lsd, Aug. 4, 1954. Records available: 1946, 1949-54. Jan. 2f, 120.66; Aug. 4, 132.42.

623. Stanolind Oil & Gas Co. Lat. 29°30', long. 95°15'. Drilled unused artesian well in sand, diameter 8 inches, depth 591 feet. Highest water level 94.01 below lsd, June 21, 1946; lowest 134.50 below lsd, Aug. 11, 1954. Records available: 1946, 1948-54. Jan. 28, 123.38; Aug. 11, 134.50.

625. Stanolind Oil & Gas Co. Lat. 29°30', long. 95°14'. Drilled unused artesian well in sand, diameter 8 inches, depth 417 feet. Highest water level 52.40 below lsd, July 22, 1953; lowest 79.76 below lsd, Jan. 14, 1952. Records available: 1946, 1949-54. Jan. 28, 63.61.

630. Humble Oil & Refining Co. Lat. 29°29', long. 95°15'. Drilled unused artesian well in sand, diameter 4 inches, depth 410 feet, screen 341-371. Highest water level 20.0 below lsd, Aug. 27, 1935; lowest 89.24 below lsd, Aug. 4, 1954. Records available: 1935, 1946, 1949-54. Jan. 28, 86.72; Aug. 4, 89.24.

639. Gulf Oil Corp. Lat. 29°29', long. 95°20'. Drilled farm artesian well in sand, diameter 6 inches, depth 480 feet, screen 440-480. Highest water level 58.48 below lsd, July 19, 1946; lowest 78.78 below lsd, Aug. 11, 1954. Records available: 1946, 1949-50, 1952-54. Jan. 28, 76.77; Aug. 11, 78.78.

643. The Texas Co. Lat. 29°30', long. 95°20'. Drilled unused artesian well in sand, diameter 6 inches, depth 300 feet. Highest water level 0.19 above lsd, Jan. 17, 1950; lowest 8.60 below lsd, Aug. 23, 1951. Records available: 1946, 1949-54. Jan. 28, 1.18; Aug. 11, 4.72.

Briscoe County

107. M. A. Graham. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 205, blk. G & M. Lat. 34°27', long. 101°25'. Drilled unused water-table well in sand, diameter 21 inches, depth 200 feet. Highest water level 85.90 below lsd, Mar. 14, 1946; lowest 88.39 below lsd, Jan. 6, 1954. Records available: 1946, 1948-54. Jan. 6, 88.39.

119. Tom Whiteley. NW. cor. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 53, blk. A. Lat. 34°25', long. 101°26'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 202 feet. Highest water level 73.80 below lsd, Apr. 9, 1947; lowest 101.3 below lsd, Oct. 30, 1953. Records available: 1946-54. Jan. 6, 97.44.

122. Datis Martin. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 49, blk. A. Lat. 34°26', long. 101°26'. Drilled irrigation water-table well in sand, diameter 21 inches, depth 190 feet. Highest water level 75.50 below lsd, Aug. 30, 1946; lowest 88.01 below lsd, Jan. 6, 1954. Records available: 1946, 1948-54. Jan. 6, 88.01.

148. Carl Wimberly. SW. cor. SE $\frac{1}{4}$ sec. 46, blk. B2. Lat. 34°23', long. 101°28'. Drilled irrigation water-table well in sand, diameter 21 inches, depth 218 feet. Highest water level 72.2 below lsd, Mar. 11, 1948; lowest 84.40 below lsd, Jan. 6, 1954. Records available: 1946, 1948-54. Jan. 6, 84.40.

168. Charles E. Wallace. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 30, blk. 2. Lat. 34°21', long. 101°23'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 200 feet, cased to 150. Highest water level 87.20 below lsd, June 18, 1946; lowest 102.92 below lsd, Jan. 6, 1954. Records available: 1946, 1948-54. Jan. 6, 102.92.

170. Lowell Jarrett. SW. cor. NW $\frac{1}{4}$ sec. 18, blk. B4. Lat. 34°20', long. 101°24'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 220 feet, cased to 155, slotted 40-155. Highest water level 91.30 below lsd, Mar. 18, 1946; lowest 106.6 below lsd, Oct. 30, 1953. Records available: 1946-54. Jan. 6, 105.67.

225. W. A. Stephens. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, blk. B2. Lat. 34°22', long. 101°19'. Drilled unused water-table well in sand, diameter 15 inches, depth 202 feet, cased to 190, slotted 90-190. Highest water level 76.28 below lsd, Mar. 12, 1948; lowest 77.15 below lsd, Aug. 29, 1946. Records available: 1946, 1948-53. Measurement discontinued.

227. Watson Douglas. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, blk. B2. Lat. 34°21', long. 101°20'. Drilled unused water-table well in sand, diameter 16 inches, depth 219 feet, cased to 140. Highest water level 77.00 below lsd, Jan. 7, 1953; lowest 80.68 below lsd, Jan. 6, 1954. Records available: 1946-54. Jan. 6, 80.68.

234. Joe Mercer. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 66, blk. B1. Lat. 34°25', long. 101°15'. Drilled irrigation water-table well in sand, diameter 21 inches, depth 210 feet. Highest water level 102.14 below lsd, Mar. 21, 1947; lowest 116.6 below lsd, Aug. 3, 1953. Records available: 1946-54. Jan. 6, 110.33.

Brooks County

202. E. C. Lasater Estate. Lat. 27°14', long. 98°12'. Drilled unused artesian well in Lissie formation or Goliad sand, diameter 8 to 5 inches, depth 112 feet. Highest water level 29.20 below lsd, Feb. 7, 1935; lowest 47.14 below lsd, Feb. 4, 1952. Records available: 1932-33, 1935-38, 1941, 1943, 1945, 1947-49, 1951-54. Feb. 15, 45.02.

266a. Col. J. E. McDonald. Lat. 27°14', long. 98°10'. Drilled farm artesian well in Goliad sand, diameter 6 inches, depth 601 feet. Highest water level 42.30 below lsd, Mar. 13, 1946; lowest 66.28 below lsd, Feb. 4, 1952. Records available: 1946-54. Feb. 15, 63.92.

273. George Franks. Lat. 27°13', long. 98°10'. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 710 feet. Land-surface datum is 127.45 feet above msl. Highest water level 8.58 below lsd, Feb. 3, 1936; lowest 79.75 below lsd, Feb. 4, 1952. Records available: 1932-33, 1935-41, 1943-47, 1949-54. Feb. 25, 72.32.

340. Dr. H. M. Bennett. Lat. 27°11', long. 98°08'. Drilled farm artesian well in Goliad sand, diameter 6 inches, depth 742 feet. Land-surface datum is 109.75 feet above msl. Highest water level 0.42 above lsd, Oct. 3, 1933; lowest 45.10 below lsd, Feb. 15, 1954. Records available: 1932-33, 1935-41, 1937-41, 1943-50, 1953-54. Feb. 15, 45.10.

405. A. Rupp. Lat. 27°13', long. 98°03'. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 612 feet. Land-surface datum is 98 feet above msl. Highest water level 15.30 below lsd, Oct. 4, 1933; lowest 70.07 below lsd, Feb. 15, 1954. Records available: 1932-33, 1935-41, 1943-54. Feb. 15, 70.07.

474. A. Rupp. Lat. 27°12', long. 98°03'. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 472 feet. Land-surface datum is 93.07 feet above msl. Highest water level 15.86 below lsd, Feb. 7, 1935; lowest 73.52 below lsd, Feb. 15, 1954. Records available: 1932-33, 1935-41, 1943-50, 1952-54. Feb. 15, 73.52.

865. Florencio Rodriguez. Lat. 26°53', long. 98°13'. Drilled unused artesian well in sand, diameter 5 inches, depth 130 feet. Highest water level 75.03 below lsd, May 7, 1938; lowest 84.90 below lsd, Feb. 4, 1952. Records available: 1933, 1935-41, 1943-45, 1947-54. Feb. 15, 83.69.

865a. Florencio Rodriguez. Lat. 26°53', long. 98°13'. Drilled farm artesian well in sand, diameter 4 inches, depth 340 feet. Highest water level 78.04 below lsd, Feb. 19, 1947; lowest 94.60 below lsd, Feb. 2, 1953. Records available: 1947-54. Feb. 15, 94.40.

882a. E. Villareal. Lat. 26°53', long. 98°13'. Drilled farm artesian well in sand, diameter 6 to 4 inches, depth 324 feet. Highest water level 86.89 below lsd, Feb. 19, 1947; lowest 97.85 below lsd, Feb. 16, 1951. Records available: 1947-54. Feb. 15, 90.61.

Castro County

8. Earl Cole. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 125, blk. M7. Lat. 34°42', long. 102°26'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 160 feet. Highest water level 71.03 below lsd, Nov. 27, 1942; lowest 91.14 below lsd, Jan. 5, 1954. Records available: 1937-54. Jan. 5, 91.14.

20. H. E. Lindley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 97, blk. M7. Lat. 34°41', long. 102°22'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 120 feet. Highest water level 67.30 below lsd, June 10, 1936; lowest 86.21 below lsd, Jan. 5, 1954. Records available: 1936-54. Jan. 5, 86.21.

32. W. A. Springer. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 81, blk. M7. Lat. 34°42', long. 102°22'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 126 feet. Highest water level 62.05 below lsd, Feb. 8, 1943; lowest 78.97 below lsd, Jan. 5, 1954. Records available: 1936-54. Jan. 5, 78.97.

36. E. O. Baker. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 72, blk. M7. Lat. 34°43', long. 102°20'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 181 feet. Highest water level 79.70 below lsd, Jan. 14, 1937; lowest 107.48 below lsd, Jan. 5, 1954. Records available: 1937-52, 1954. Jan. 5, 107.48.

40. J. N. Burgin. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 51, blk. M7. Lat. 34°42', long. 102°18'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 132 feet. Highest water level 62.53 below lsd, Mar. 3, 1939; lowest 84.82 below lsd, Jan. 5, 1954. Records available: 1936-46, 1948, 1950-54. Jan. 5, 84.82.

48. J. M. Richardson. NW cor. sec. 30, blk. M7. Lat. 34°42', long. 102°16'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 162 feet. Highest water level 58.19 below lsd, Feb. 8, 1943; lowest 70.96 below lsd, Jan. 5, 1954. Records available: 1936-54. Jan. 5, 70.96.

52. C. G. Maples. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, blk. M10A. Lat. 34°38', long. 102°14'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 170 feet. Highest water level 71.14 below lsd, Dec. 16, 1938; lowest 101.07 below lsd, Jan. 5, 1954. Records available: 1937-54. Jan. 5, 101.07.

53. W. A. Hunter. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 52, blk. M7. Lat. 34°41', long. 102°18'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 135 feet, perforations 0-135. Highest water level 56.67 below lsd, Apr. 30, 1936; lowest 85.14 below lsd, Jan. 5, 1954. Records available: 1936, 1938-54. Jan. 5, 85.14.

58. J. E. Tucker. SW cor. sec. 2, blk. L2. Lat. 34°34', long. 102°16'. Drilled unused irrigation water-table well in sand, diameter 4 inches, depth 173 feet. Highest water level 151.20 below lsd, Mar. 14, 1949; lowest 157.75 below lsd, Jan. 4, 1954. Records available: 1938-54. Jan. 4, 157.75. Measurement discontinued.

201. J. C. Heiman. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 339, blk. M6. Lat. 34°32', long. 102°12'. Drilled unused water-table well in sand, diameter 5 inches, depth 183 feet. Highest water level 151.49 below lsd, Mar. 3, 1948; lowest 164.06 below lsd, Jan. 4, 1954. Records available: 1938-44, 1947-54. Jan. 4, 164.06.

202. Frank Huseman. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 222, blk. M6. Lat. 34°31', long. 102°06'. Drilled unused water-table well in sand, diameter 4 inches, depth 126 feet. Highest water level 101.50 below lsd, Feb. 3, 1944; lowest 107.65 below lsd, Jan. 4, 1954. Records available: 1938-42, 1944-54. Jan. 4, 107.65.

394. R. J. Wall. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, blk. S2. Lat. 34°23', long. 102°06'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 305 feet. Highest water level 90.58 below lsd, Feb. 24, 1943; lowest 107.03 below lsd, Jan. 4, 1954. Records available: 1939-40, 1942-54. Jan. 4, 107.03.

395a. J. R. Riley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. S2. Lat. 34°22', long. 102°05'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 207 feet. Highest water level 88.00 below lsd, Feb. 24, 1943; lowest 103.74 below lsd, Jan. 4, 1954. Records available: 1940, 1942-54. Jan. 4, 103.74.

410b. L. W. Guthrie. NW $\frac{1}{4}$ sec. 7, blk. K3. Lat. 34°20', long. 102°00'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 228 feet. Highest water level 63.82 below lsd, Apr. 2, 1942; lowest 85.77 below lsd, Jan. 4, 1954. Records available: 1942-54. Jan. 4, 85.77.

465. Tom Lewis. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 38, blk. T4. Lat. 34°25', long. 102°22'. Drilled irrigation water-table well in sand, depth 197 feet. Highest water level 94.43 below lsd, Feb. 27, 1946; lowest 102.26 below lsd, Jan. 4, 1954. Records available: 1939, 1942-49, 1951-54. Jan. 4, 102.26.

508. Sam Gilbreath. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, blk. K13. Lat. 34°22', long. 102°15'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet, cased to 200. Highest water level 75.33 below lsd, Feb. 24, 1943; lowest 89.69 below lsd, Jan. 5, 1954. Records available: 1938, 1942-44, 1946-52, 1954. Jan. 5, 89.69.

528a. M. H. Fawkes. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 53, blk. K13. Lat. 34°23', long. 102°19'. Drilled irrigation water-table well in sand, depth 202 feet. Highest water level 85.77 below lsd, Feb. 24, 1943; lowest 102.68 below lsd, Jan. 4, 1954. Records available: 1942-45, 1947-54. Jan. 4, 102.68.

529. Irving Redecker. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 52, blk. T4. Lat. 34°23', long. 102°20'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 200 feet. Highest water level 88.20 below lsd, Feb. 4, 1944; lowest 101.61 below lsd, Jan. 4, 1954. Records available: 1939, 1944-54. Jan. 4, 101.61.

544a. N. F. Cleavinger. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, blk. 1. Lat. 34°19', long. 102°20'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 161 feet. Highest water level 89.69 below lsd, Feb. 23, 1943; lowest 105.37 below lsd, Jan. 4, 1954. Records available: 1940, 1942-44, 1946-54. Jan. 4, 105.37.

Chambers County

A-17. Crumpler Bros. Mont Belvieu. Lat. 29°50', long. 94°52'. Drilled unused artesian well in sand, diameter 9 inches, depth 254 feet. Highest water level 50.18 below lsd, Mar. 31, 1941; lowest 85.42 below lsd, Apr. 15, 1954. Records available: 1941, 1948-54. Apr. 15, 85.42.

C-21. U. S. Dept. of Agriculture. Lat. 29°42', long. 94°37'. Drilled unused artesian well in sand, diameter 2 inches, depth 181 feet. Highest water level 6.49 below lsd, Apr. 10, 1950; lowest 9.87 below lsd, Apr. 14, 1954. Records available: 1941, 1948-54. Apr. 14, 9.87.

D-17. Walter Simon. Lat. 29°41', long. 94°28'. Drilled unused artesian well in sand, diameter 30 to 16 inches, depth 500 feet. Highest water level 5.78 below lsd, Nov. 8, 1949; lowest 10.97 below lsd, Apr. 14, 1954. Records available: 1941, 1949-54. Apr. 14, 10.97.

E-23. Dr. Shear. Lat. 29°44', long. 94°50'. Drilled unused artesian well in sand, diameter 3 inches, depth 240 feet, screen 230-240. Highest water level 18.91 below lsd, Mar. 29, 1941; lowest 25.51 below lsd, Apr. 10, 1952. Records available: 1928, 1941, 1948-54. Apr. 15, 24.33.

E-60. Asa Wilburn. Lat. 29°41', long. 94°54'. Drilled stock artesian well in sand, diameter 3 inches, depth 94 feet. Highest water level 14.43 below lsd, Apr. 27, 1949; lowest 18.49 below lsd, Oct. 16, 1953. Records available: 1941, 1948-54. Apr. 15, 16.33.

E-90. Old River Rice Co. Lat. 29°45', long. 94°53'. Drilled unused artesian well in sand, diameter 4 to 2 inches, depth 290 feet, screen 275-290. Highest water level 5.64 below lsd, Apr. 27, 1949; lowest 13.59 below lsd, Oct. 15, 1951. Records available: 1934, 1941, 1948-54. Apr. 15, 9.14.

F-25. Josh Mayes. Lat. 29°49', long. 94°43'. Drilled unused artesian well in sand, diameter 2 inches, depth 515 feet, screen 495-515. Highest water level flowing, Apr. 24, 1941; lowest 13.30 below lsd, Apr. 14, 1954. Records available: 1941, 1948-54. Apr. 14, 13.30.

F-42. G. Chambliss. Lat. 29°45', long. 94°41'. Drilled unused artesian well in sand, diameter 3 inches, depth 96 feet, screen 86-96. Highest water level 4.14 below lsd, Apr. 11, 1952; lowest 9.08 below lsd, Oct. 6, 1948. Records available: 1941, 1948-52. Measurement discontinued.

G-8. U. S. Dept. of Agriculture. Lat. 29°34', long. 94°34'. Drilled farm artesian well in sand, diameter 2 inches, depth 184 feet. Highest water level 5.54 below lsd, May 22, 1941; lowest 13.17 below lsd, Apr. 8, 1953. Records available: 1941, 1948-54. Apr. 14, 10.99.

G-69. U. S. Dept. of Agriculture. Lat. 29°37', long. 94°34'. Drilled unused artesian well in sand, diameter 2 inches, depth 445 feet. Highest water level 5.44 below lsd, May 2, 1941; lowest 16.07 below lsd, Apr. 14, 1954. Records available: 1941, 1948-51, 1953-54. Apr. 14, 16.07.

J-13. Sun Oil Co. Lat. 29°27', long. 94°42'. Drilled industrial artesian well in sand, diameter 5 inches, depth 203 feet, screen 203-223. Highest water level 4.60 below lsd, Mar. 17, 1949; lowest 22.12 below lsd, Nov. 9, 1949. Records available: 1944, 1949-54. Apr. 14, 6.82.

Cochran County

5. Dave Linder. Lat. 33°40', long. 102°42'. Drilled farm water-table well in sand, diameter 6 inches, depth 146 feet. Highest water level 124.16 below lsd, Feb. 15, 1950; lowest 131.40 below lsd, Jan. 17, 1951. Records available: 1937-41, 1944-54. Jan. 14, 127.38.

Comal County

221. Albert Simon. Lat. 29°44', long. 98°08'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 186 feet. Land-surface datum is 792.99 feet above msl. Highest water level 155.72 below lsd, May 23, 1945; lowest 177.81 below lsd, Dec. 19, 1951. Records available: 1939-54. Apr. 30, 170.96; July 13, 174.92; Sept. 1, 175.85. Measurement discontinued.

222. William Kraft. Lat. 29°44', long. 98°08'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 190 feet. Land-surface datum is 805.50 feet above msl. Highest water level 168.68 below lsd, Apr. 23, 1945; lowest 186.68 below lsd, Mar. 12, 1952. Records available: 1939-46, 1948-53. Measurement discontinued.

223. L. S. Davis. Lat. 29°45', long. 98°09'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 320 feet. Land-surface datum is 840.07 feet above msl. Highest water level 197.55 below lsd, Apr. 23, 1945; lowest 219.81 below lsd, Aug. 6, 1952. Records available: 1936, 1939-54. Apr. 30, 214.72.

225. W. H. Harborth Estate. Lat. 29°44', long. 98°10'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 265 feet. Land-surface datum is 809.05 feet above msl. Highest water level 162.02 below lsd, May 23, 1945; lowest 187.27 below lsd, Oct. 28, 1936. Records available: 1936, 1939-54. Aug. 23, 185.21; Dec. 12, 186.57.

271. Albert Wallhoeffler. Lat. 29°45', long. 98°05'. Drilled farm well in Edwards limestone, diameter 6 inches, depth 140 feet. Land-surface datum is 700.60 feet above msl. Highest water level 83.64 below lsd, May 22, 1945; lowest 95.23 below lsd, Aug. 23, 1954. Records available: 1936-54. Apr. 30, 92.88; June 2, 93.12; July 13, 93.62; Aug. 23, 95.23; Dec. 7, 94.22.

274. Charles Soechting. Lat. 29°46', long. 98°03'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 210 feet. Land-surface datum is 758.31 feet above msl. Highest water level 144.08 below lsd, May 23, 1945; lowest 158.62 below lsd, Aug. 23, 1954. Records available: 1937-54. Apr. 30, 158.50; June 2, 155.56; July 13, 156.63; Aug. 23, 158.62; Dec. 7, 158.04.

278. Raymond A. Jentsch. Lat. 29°46', long. 98°03'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 210 feet. Land-surface datum is 752.71 feet above msl. Highest water level 143.26 below lsd, July 6, 1945; lowest 155.22 below lsd, Dec. 7, 1954. Records available: 1936-54. Apr. 30, 152.13; July 13, 155.07; Aug. 23, 154.93; Dec. 7, 155.22.

326. William Schaeffer. Lat. 29°38', long. 98°13'. Drilled farm artesian well in Edwards limestone, diameter 4 inches, depth 300 feet. Land-surface datum is 684.45 feet above msl. Highest water level 27.47 below lsd, May 19, 1938; lowest 60.12 below lsd, Aug. 23, 1954. Records available: 1934, 1937-54. Apr. 30, 54.86; June 2, 55.83; July 13, 57.92; Aug. 23, 60.12; Dec. 7, 56.67.

336. A. W. Feich. Lat. 29°39', long. 98°11'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 700 feet. Land-surface datum is 728.17 feet above msl. Highest water level 69.94 below lsd, May 28, 1934; lowest 106.58 below lsd, Sept. 1, 1954. Records available: 1934, 1936-54. Apr. 30, 100.91; June 2, 101.58; July 13, 103.77; Sept. 1, 106.58; Dec. 7, 104.62.

373. L. Jentsch. Lat. 29°40', long. 98°09'. Drilled unused artesian well in Edwards limestone, diameter 6 inches, depth 485 feet. Land-surface datum is 661.45 feet above msl. Highest water level 16.44 below lsd, Dec. 4, 1936; lowest 40.42 below lsd, Aug. 23, 1954. Records available: 1936-54. Apr. 30, 36.13; June 2, 36.27; July 13, 37.81; Aug. 23, 40.42; Dec. 12, 37.67.

397. D. N. Barnett. Lat. 29°37', long. 98°15'. Drilled unused artesian well in Edwards limestone, diameter 6 inches, depth 378 feet. Land-surface datum is 836.51 feet above msl. Highest water level 175.10 below lsd, May 19, 1938; lowest 211.80 below lsd, Aug. 23, 1954. Records available: 1937-40, 1944-45, 1948-54. June 2, 205.71; July 13, 208.57; Aug. 23, 211.80; Dec. 7, 210.14.

399. John Karbach. Lat. 29°45', long. 98°06'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 181 feet. Land-surface datum is 783.27 feet above msl. Highest water level 165.71 below lsd, May 23, 1945; lowest 179.78 below lsd, Aug. 23, 1954. Records available: 1937-54. Apr. 30, 175.49; July 13, 177.63; Aug. 23, 179.78.

430. U. S. Geol. Survey. Davenport School. Lat. 29°37', long. 98°18'. Drilled observation artesian well in Edwards limestone, diameter 6 inches, depth 225 feet. Land-surface datum is 851.73 feet above msl. Highest water level 192.90 below lsd, May 16, 18, 1949; lowest 226.55 below lsd, Aug. 24, 1954. Records available: 1948-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	211.68	212.82	215.25	218.41	218.30	219.13	220.94	225.25	.....	224.83	222.01	220.72
2	211.68	212.88	215.32	218.14	218.04	219.43	221.07	225.85	.....	224.47	222.10	220.77
3	211.72	212.93	215.50	218.42	217.94	219.85	221.08	225.87	.....	224.07	221.90	220.75
4	211.77	213.10	215.43	218.38	217.90	220.13	220.94	225.65	.....	223.80	221.84	220.82
5	211.93	213.30	215.29	218.37	217.95	220.34	220.88	225.35	.....	223.49	221.75	220.81
6	212.07	213.40	215.24	218.57	218.10	220.46	221.02	225.16	.....	223.25	221.65	220.73
7	212.17	213.44	215.29	218.80	218.32	220.47	221.26	225.06	.....	223.06	221.60	220.72
8	212.25	213.40	215.29	218.78	218.62	220.83	221.56	225.08	.....	.....	221.52	220.70
9	212.25	213.43	215.59	218.40	218.83	221.21	221.85	224.86	.....	.....	221.47	220.72
10	212.28	213.53	215.75	218.13	218.81	221.50	222.13	225.00	.....	.....	221.41	220.73
11	212.38	213.75	216.02	217.91	219.03	221.75	222.31	225.41	.....	.....	221.25	220.66
12	212.39	213.94	216.27	217.90	218.80	222.00	222.35	225.61	.....	.....	221.15	220.54
13	212.27	213.98	216.45	217.98	218.64	222.12	222.48	225.76	.....	.....	221.01	220.40
14	212.22	213.85	216.35	217.87	218.62	222.06	222.61	225.88	.....	.....	220.85	220.36
15	212.25	213.83	216.33	217.83	218.62	222.26	222.80	225.87	.....	.....	220.74	220.40

430--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	212.21	214.00	216.46	217.83	218.62	222.26	223.06	.....	.....	.....	220.63	220.39
17	212.17	214.15	216.40	217.82	218.58	222.49	223.30	.....	.....	.....	220.60	220.50
18	212.17	214.24	216.37	217.80	218.87	222.75	223.38	.....	.....	.....	220.60	220.45
19	212.18	214.17	216.52	217.79	219.10	222.75	223.36	.....	.....	.....	220.60	220.37
20	212.39	214.23	216.77	218.12	219.15	222.41	223.65	.....	.....	.....	220.60	220.35
21	212.47	214.35	216.81	218.43	219.08	222.18	223.88	.....	.....	.....	220.60	220.44
22	212.44	214.38	216.78	218.73	219.07	222.19	224.17	.....	.....	.....	220.56	220.54
23	212.43	214.59	216.93	218.94	219.00	222.41	224.34	.....	.....	.....	220.52	220.60
24	212.42	214.66	216.98	219.08	218.81	222.71	224.47	226.55	.....	222.56	220.63	220.60
25	212.42	214.81	217.23	219.21	218.59	222.82	224.47	.....	.....	222.41	220.66	220.41
26	212.47	214.98	217.48	219.13	218.40	222.27	224.44	.....	.....	222.50	220.55	220.20
27	212.63	215.17	217.61	219.28	218.28	221.67	224.78	.....	.....	222.65	220.63	220.08
28	212.68	215.30	217.72	219.10	218.33	221.27	224.62	.....	.....	222.48	220.63	220.12
29	212.66		217.70	218.83	218.50	221.09	224.41	.....	225.16	222.45	220.64	220.10
30	212.75		217.96	218.55	218.74	220.95	224.35	.....	225.35	222.26	220.70	220.10
31	212.83		218.21		218.80		224.47	.....		222.15		220.06

431. U. S. Geol. Survey. Landa Park. Lat. 29°42', long. 98°08'. Drilled water-table well in Edwards limestone, diameter 7 to 3 inches, depth 230 feet, cased to 27. Land-surface datum is 642.7 feet above msl. Highest water level 16.9 below lsd, May 16, 1949; lowest 22.17 below lsd, Aug. 28, Sept. 16-17, 1954. Records available: 1949-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	19.61	19.80	20.14	20.63	20.73	20.88	21.20	21.75	21.98	21.96	21.42	21.16
2	19.60	19.80	20.17	20.63	20.70	20.92	21.25	21.69	21.97	21.88	21.45	21.16
3	19.61	19.81	20.18	20.69	20.69	21.00	21.22	21.70	21.96	21.80	21.40	21.17
4	19.61	19.82	20.18	20.67	20.68	21.03	21.19	21.75	21.97	21.76	21.38	21.16
5	19.63	19.85	20.16	20.67	20.68	21.07	21.17	21.79	22.00	21.72	21.37	21.15
6	19.65	19.88	20.15	20.70	20.72	21.08	21.20	21.84	21.96	21.67	21.35	21.16
7	19.66	19.89	20.15	20.74	20.75	21.08	21.23	21.90	21.99	21.63	21.33	21.15
8	19.67	19.86	20.15	20.80	20.80	21.16	21.29	21.90	22.03	21.58	21.33	21.15
9	19.67	19.88	20.20	20.72	20.82	21.21	21.34	21.89	22.08	21.52	21.33	21.17
10	19.68	19.89	20.23	20.68	20.81	21.28	21.38	21.95	22.13	21.46	21.31	21.16
11	19.68	19.92	20.26	20.63	20.84	21.36	21.41	22.02	22.12	21.46	21.29	21.13
12	19.70	19.96	20.31	20.62	20.80	21.40	21.42	22.05	22.09	21.48	21.28	21.13
13	19.69	19.95	20.34	20.64	20.79	21.38	21.46	22.08	22.08	21.48	21.25	21.11
14	19.67	19.94	20.33	20.64	20.78	21.35	21.48	22.11	22.11	21.48	21.21	21.10
15	19.67	19.94	20.33	20.62	20.79	21.42	21.52	22.09	22.15	21.49	21.19	21.10
16	19.68	19.96	20.36	20.63	20.77	21.40	21.56	22.04	22.17	21.49	21.16	21.12
17	19.67	20.00	20.34	20.61	20.77	21.45	21.61	22.08	22.17	21.48	21.16	21.10
18	19.67	19.99	20.34	20.63	20.83	21.49	21.63	22.08	22.13	21.47	21.15	21.11
19	19.67	19.98	20.37	20.62	20.86	21.48	21.61	22.12	22.04	21.50	21.16	21.10
20	19.68	20.00	20.40	20.68	20.85	21.39	21.69	22.10	22.04	21.52	21.16	21.08
21	19.71	20.03	20.41	20.73	20.85	21.37	21.71	22.08	22.11	21.53	21.16	21.11
22	19.72	20.01	20.42	20.78	20.85	21.40	21.78	22.01	22.11	21.57	21.15	21.12
23	19.72	20.04	20.42	20.81	20.82	21.44	21.80	22.00	22.12	21.54	21.14	21.12
24	19.73	20.05	20.44	20.83	20.77	21.51	21.84	22.02	22.12	21.50	21.16	21.11
25	19.73	20.07	20.47	20.86	20.76	21.50	21.81	22.07	22.12	21.49	21.15	21.09
26	19.74	20.10	20.51	20.83	20.72	21.40	21.90	22.08	22.08	21.51	21.12	21.05
27	19.76	20.13	20.52	20.87	20.73	21.30	21.93	22.08	22.08	21.54	21.16	21.04
28	19.77	20.14	20.54	20.84	20.74	21.25	21.99	22.17	22.08	21.49	21.16	21.06
29	19.77		20.54	20.81	20.77	21.20	22.02	22.06	22.10	21.47	21.14	21.03
30	19.78		20.59	20.76	20.81	21.20	21.95	21.98	22.03	21.46	21.16	21.04
31	19.80		20.62		20.79		21.90	21.98		21.45		21.03

Crosby County

1. J. T. Vaughn. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, blk. M. Lat. 33°47', long. 101°23'. Drilled domestic water-table well in sand, diameter 6 inches, depth 208 feet, cased to 208. Highest water level 112.53 below lsd, Jan. 28, 1943; lowest 130.95 below lsd, Jan. 4, 1954. Records available: 1937-40, 1942-44, 1946-54. Jan. 4, 130.95.

3b. B. L. Hodges. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, blk. C. Lat. 33°48', long. 101°32'. Drilled irrigation water-table well in sand. Highest water level 82.07 below lsd, Mar. 5, 1947; lowest 118.15 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 118.15. Measurement discontinued.

4. J. A. McGlocklen. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 114, GTRR Survey. Lat. 33°41', long. 101°23'. Drilled farm water-table well in sand, diameter 6 inches, depth 152 feet. Highest water level 118.77 below lsd, Oct. 22, 1942; lowest 190.85 below lsd, Jan. 4, 1954. Records available: 1937-45, 1949-54. Jan. 4, 190.85.

7. B. F. Lackey. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 920, blk. C3. Lat. 33°40', long. 101°26'. Drilled unused water-table well in sand, diameter 6 inches, depth 122 feet. Highest water level 93.48 below lsd, Apr. 14, 1938; lowest 121.52 below lsd, Jan. 5, 1954. Records available: 1937-42, 1944-50, 1952, 1954. Jan. 5, 121.52.

11b. Grady Joiner. NW. cor. sec. 54, blk. C. Lat. 33°40', long. 101°33'. Drilled irrigation water-table well in sand. Highest water level 78.10 below lsd, Jan. 1946; lowest 113.74 below lsd, Jan. 5, 1954. Records available: 1946-54. Jan. 5, 113.74.

12b. John Joiner. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, blk. C. Lat. 33°45', long. 101°31'. Drilled irrigation water-table well in sand, depth 135 feet. Highest water level 92.14 below lsd, Mar. 4, 1947; lowest 125.27 below lsd, Jan. 5, 1954. Records available: 1947-49, 1951-52, 1954. Jan. 5, 125.27.

13a. Floyd Blankenship. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 60, blk. C. Lat. 33°45', long. 101°33'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 286 feet. Highest water level 81.69 below lsd, Mar. 5, 1947; lowest 108.43 below lsd, Jan. 5, 1954. Records available: 1947-49, 1951-54. Jan. 5, 108.43.

17a. G. B. Parish. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. C. Lat. 33°46', long. 101°28'. Drilled irrigation water-table well in sand. Highest water level 93.00 below lsd, Oct. 28, 1938; lowest 123.52 below lsd, Jan. 5, 1954. Records available: 1938, 1947-54. Jan. 5, 123.52.

21a. Lynn Foster. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, blk. C. Lat. 33°46', long. 101°27'. Drilled irrigation water-table well in sand. Highest water level 102.06 below lsd, Mar. 5, 1947; lowest 124.05 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 124.05.

340. T. M. Scott. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, blk. C3. Lat. 33°39', long. 101°29'. Drilled irrigation water-table well in sand. Highest water level 90.66 below lsd, Feb. 18, 1948; lowest 111.61 below lsd, Jan. 5, 1954. Records available: 1948-54. Jan. 5, 111.61.

343c. Roy Abell. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 907, blk. CS. Lat. 33°41', long. 101°30'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 369 feet. Highest water level 91.00 below lsd, Mar. 1945; lowest 120.13 below lsd, Jan. 5, 1954. Records available: 1945, 1947, 1949-54. Jan. 5, 120.13.

412. Westerman. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1074, blk. C3. Lat. 33°36', long. 101°30'. Drilled irrigation water-table well in sand. Highest water level 102.28 below lsd, Feb. 18, 1948; lowest 116.69 below lsd, Jan. 7, 1953. Records available: 1947-51, 1953. Measurement discontinued.

415a. Mrs. Hendricks. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 46, blk. C. Lat. 33°36', long. 101°32'. Drilled irrigation water-table well in sand. Highest water level 72.30 below lsd, Mar. 1, 1947; lowest 87.23 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 87.23.

Dawson County

101. F. King. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, blk. 35, T. 6 N. Lat. 32°45', long. 101°53'. Drilled unused water-table well in sand, diameter 22 inches, depth 150 feet, cased to 140'. Highest water level 119.67 below lsd, Feb. 6, 1951; lowest 122.84 below lsd, Jan. 23, 1939. Records available: 1938-40, 1944, 1949-51. Measurement discontinued.

613. J. A. E. Gary. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 107, blk. 34. Lat. 32°55', long. 101°51'. Drilled farm water-table well in sand, diameter 6 inches, depth 191 feet, perforations 101-191. Highest water level 54.01 below lsd, Feb. 6, 1951; lowest 59.45 below lsd, July 1, 1937. Records available: 1937-38, 1944, 1949-52. Measurement discontinued.

706. H. Richardson. SE. cor. sec. 12, blk. 35. Lat. 32°37', long. 101°49'. Drilled farm water-table well in sand, diameter 6 inches, depth 174 feet. Highest water level 77.52 below lsd, Feb. 6, 1951; lowest 84.25 below lsd, Aug. 6, 1937. Records available: 1937-38, 1940, 1943-44, 1949-51. Measurement discontinued.

709. Truett Shipley. SW. cor. sec. 47, blk. 35. Lat. 32°38', long. 101°51'. Drilled farm water-table well in sand, diameter 6 inches, depth 74 feet. Highest water level 61.49 below lsd, Feb. 20, 1950; lowest 67.64 below lsd, Aug. 6, 1937. Records available: 1937-40, 1949-51. Measurement discontinued.

715. H. H. Barron. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, blk. 35. Lat. 32°41', long. 101°54'. Drilled stock water-table well in sand, diameter 6 inches, depth 81 feet. Highest water level 65.76 below lsd, Feb. 6, 1951; lowest 73.66 below lsd, July 13, 1937. Records available: 1937-38, 1942-44, 1949-51. Measurement discontinued.

Deaf Smith County

113a. Steffy. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 58, blk. K4. Lat. 34°59', long. 102°23'. Drilled irrigation water-table well in sand. Highest water level 103.64 below lsd, Mar. 15, 1948; lowest 113.60 below lsd, Jan. 7, 1954. Records available: 1948-54. Jan. 7, 113.60.

130. Deaf Smith County School. NE. cor. of J. M. Burns survey. Lat. 35°05', long. 102°16'. Drilled unused water-table well in sand, diameter 4 inches, depth 140 feet. Highest water level 129.44 below lsd, Mar. 1, 1945; lowest 134.86 below lsd, Jan. 7, 1954. Records available: 1938, 1943-54. Jan. 7, 134.80.

201. W. R. Hastings. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 92, blk. K3. Lat. 34°55', long. 102°27'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 212 feet. Highest water level 101.55 below lsd, Dec. 11, 1937; lowest 119.23 below lsd, Jan. 6, 1954. Records available: 1937-38, 1948-54. Jan. 6, 119.23.

205. J. L. McGee. NW. cor. sec. 50, blk. K3. Lat. 34°57', long. 102°22'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 154 feet. Highest water level 74.22 below lsd, Nov. 9, 1937; lowest 108.48 below lsd, Jan. 7, 1954. Records available: 1937-38, 1941-46, 1948-54. Jan. 7, 108.48.

207. Charles B. Miles. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, blk. K3. Lat. 34°55', long. 102°18'. Drilled irrigation water-table well in sand, diameter 24 inches, depth 108 feet. Highest water level 53.81 below lsd, June 18, 1936; lowest 71.65 below lsd, Jan. 7, 1954. Records available: 1936-41, 1944-54. Jan. 7, 71.65.

212. Alfred May. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. 3. Lat. 34°56', long. 102°15'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 140 feet. Highest water level 70.26 below lsd, Nov. 25, 1937; lowest 88.80 below lsd, Jan. 7, 1954. Records available: 1936-49, 1951-54. Jan. 7, 88.80.

216. C. C. Stewart. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, blk. 3. Lat. 34°55', long. 102°12'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 160 feet. Highest water level 66.18 below lsd, Mar. 12, 1938; lowest 74.62 below lsd, Jan. 16, 1953. Records available: 1937-47, 1949-53. No measurement made in 1954.

217. W. E. Neal. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, blk. 3. Lat. 34°54', long. 102°11'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 120 feet. Highest water level 83.94 below lsd, May 1936; lowest 99.62 below lsd, Jan. 8, 1954. Records available: 1936-54. Jan. 8, 99.62.

219. J. E. Manz. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, blk. 3. Lat. 34°57', long. 102°12'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 162 feet. Highest water level 73.54 below lsd, Mar. 20, 1939; lowest 89.78 below lsd, Jan. 7, 1954. Records available: 1937-44, 1946, 1948-54. Jan. 7, 89.78.

220. C. T. Wimberly. SW. cor. sec. 22, blk. 3. Lat. 34°54', long. 102°13'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 180 feet. Highest water level 83.08 below lsd, Mar. 20, 1939; lowest 107.21 below lsd, Jan. 7, 1954. Records available: 1937-42, 1944-54. Jan. 7, 107.21. Measurement discontinued.

224. A. T. Fry. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, blk. 3. Lat. 34°53', long. 102°14'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 180 feet. Highest water level 54.48 below lsd, Dec. 6, 1939; lowest 66.40 below lsd, Jan. 8, 1954. Records available: 1937-44, 1946, 1948-54. Jan. 8, 66.40.

226. Jack Renfro. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, blk. K3. Lat. 34°54', long. 102°17'. Drilled irrigation water-table well in sand, diameter 26 inches. Highest water level 48.57 below lsd, Feb. 9, 1943; lowest 75.22 below lsd, Jan. 7, 1954. Records available: 1936, 1938-54. Jan. 7, 75.22.

234. H. M. Horton. Sec. 534, excess acreage strip. Lat. 34°52', long. 102°16'. Drilled farm water-table well in sand, diameter 5 inches. Highest water level 47.08 below lsd, Feb. 17, 1942; lowest 55.46 below lsd, Jan. 8, 1954. Records available: 1937-44, 1946-47, 1949-51, 1953-54. Jan. 8, 55.46.

235. Lewis A. Smith. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, blk. K3. Lat. 34°51', long. 102°17'. Drilled irrigation water-table well in sand, depth 105 feet. Highest water level 48.61 below lsd, Dec. 23, 1941; lowest 60.35 below lsd, Jan. 7, 1954. Records available: 1936-54. Jan. 7, 60.35.

236. Ray Kerшен. SW. cor. sec. 5, blk. K3. Lat. 34°51', long. 102°17'. Drilled irrigation water-table well in sand, diameter 6 inches. Highest water level 46.40 below lsd, June 24, 1937; lowest 58.35 below lsd, Jan. 16, 1953. Records available: 1936-53. No measurement made in 1954.

237. Ray Kerшен. NW. cor. sec. 5, blk. K3. Lat. 34°52', long. 102°17'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 150 feet. Highest water level 40.20 below lsd, June 11, 1936; lowest 58.45 below lsd, Jan. 7, 1954. Records available: 1934, 1936-54. Jan. 7, 58.45.

241. Frank Wilde. NW. cor. sec. 17, blk. K3. Lat. 34°51', long. 102°18'. Drilled unused water-table well in sand, diameter 26 inches, depth 100 feet. Highest water level 47.14 below lsd, Dec. 4, 1937; lowest 62.13 below lsd, Jan. 7, 1954. Records available: 1937-54. Jan. 7, 62.13.

245. E. F. Plank. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, blk. K3. Lat. 34°52', long. 102°19'. Drilled unused water-table well in sand, diameter 24 inches, depth 100 feet. Highest water level 42.67 below lsd, May 8, 1936; lowest 62.29 below lsd, Jan. 7, 1954. Records available: 1936-54. Jan. 7, 62.29.

247. R. R. Lindsey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 34, blk. K3. Lat. 34°54', long. 102°20'. Drilled stock water-table well in sand, diameter 5 inches, depth 38 feet. Highest water level 19.25 below lsd, Dec. 23, 1941; lowest 52.08 below lsd, Jan. 7, 1954. Records available: 1937-50, 1952-54. Jan. 7, 52.08.

258. J. R. Davis. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 77, blk. K3. Lat. 34°51', long. 102°24'. Drilled irrigation water-table well in sand, diameter 22 to 18 inches, depth 125 feet. Highest water level 52.27 below lsd, Mar. 21, 1939; lowest 77.51 below lsd, Jan. 7, 1954. Records available: 1936-54. Jan. 7, 77.51.

261. D. L. McDonald. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 65, blk. K3. Lat. 34°52', long. 102°24'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 179 feet. Highest water level 46.5 below lsd, 1914; lowest 87.2 below lsd, Sept. 29, 1954. Records available: 1914, 1936-54.

Daily highest water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	Aug.	Sept.	Oct.	Nov.	Dec.
1	75.6	75.4	75.1	79.2	....	82.2	86.3	83.6	82.7
2	75.6	75.4	75.3	79.9	....	81.9	86.6	83.5	82.6
3	75.6	75.4	75.3	80.9	....	81.9	86.3	83.4	82.6
4	75.7	75.4	75.2	80.3	....	82.5	86.2	83.4	82.6
5	75.7	75.5	75.2	80.5	....	82.4	86.0	83.4	82.6
6	75.6	75.4	75.1	80.8	....	82.2	85.8	83.4	82.6
7	75.6	75.4	75.1	80.2	....	82.9	85.6	83.3	82.5
8	75.6	75.3	75.1	79.7	....	82.7	85.5	83.3	82.5
9	75.6	75.3	75.1	79.2	....	83.5	85.3	83.2	82.6
10	75.6	75.3	75.1	78.9	....	85.0	85.2	83.2	82.5
11	75.6	75.4	75.0	78.6	....	85.6	85.1	83.2	82.5
12	75.6	75.3	74.7	78.4	....	85.8	85.0	83.1	82.6
13	75.5	75.2	74.7	78.1	82.3	85.0	84.9	83.1	82.5
14	75.5	75.2	74.8	77.9	82.2	85.0	84.8	83.1	82.5
15	75.5	75.3	74.7	77.8	84.1	86.4	84.7	83.0	82.5
16	75.5	75.3	74.8	77.6	82.7	85.6	84.6	83.0	82.5
17	75.5	75.2	74.9	77.7	82.3	85.9	84.5	83.0	82.5
18	75.5	75.2	75.1	....	82.1	86.5	84.4	83.0	82.5
19	75.4	75.3	76.3	....	82.7	86.9	84.3	82.9	82.5
20	75.5	75.3	77.1	....	83.9	87.2	84.3	82.9	82.5
21	75.6	75.3	77.7	....	84.3	86.6	84.2	82.9	82.5
22	75.4	75.2	78.4	....	84.0	86.7	84.2	82.8	82.5
23	75.4	75.2	78.8	....	83.4	86.1	84.1	82.8	82.5
24	75.5	75.2	79.2	....	83.0	85.8	84.0	82.8	82.4
25	75.4	75.2	78.2	....	82.6	85.5	83.9	82.8	82.4
26	75.4	75.1	77.7	....	82.3	86.3	83.9	82.7	82.4
27	75.5	75.2	77.2	....	82.2	86.8	83.8	82.7	82.4
28	75.4	75.1	76.9	....	83.0	86.5	83.8	82.7	82.4
29	75.4	....	76.8	....	83.0	87.2	83.7	82.7	82.4
30	75.5	....	76.7	....	82.8	87.0	83.7	82.7	82.4
31	75.4	....	78.0	....	82.5	....	83.6	....	82.4

*No record for May, June, and July.

272. J. L. Hoffman. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 86, blk. K3. Lat. 34°53', long. 102°26'. Drilled unused water-table well in sand, diameter 22 inches, depth 120 feet. Highest water level 65.56 below lsd, July 17, 1936; lowest 98.50 below lsd, Jan. 6, 1954. Records available: 1936-42, 1944-50, 1952-54. Jan. 6, 98.50.
281. R. A. Freeman. NW. cor. sec. 96, blk. K3. Lat. 34°52', long. 102°27'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 120 feet. Highest water level 63.75 below lsd, Oct. 30, 1936; lowest 88.20 below lsd, Jan. 7, 1954. Records available: 1937-41, 1944-54. Jan. 7, 88.20.
283. J. T. Gilbreath. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 133, blk. M7. Lat. 34°48', long. 102°26'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 166 feet. Highest water level 60.20 below lsd, May 13, 1936; lowest 75.36 below lsd, Jan. 6, 1954. Records available: 1936-54. Jan. 6, 75.36.
288. Lee Hopson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 63, blk. K3. Lat. 34°51', long. 102°24'. Drilled irrigation water-table well in sand, diameter 24 to 16 inches, depth 160 feet, cased to 133. Highest water level 58.00 below lsd, Apr. 18, 1936; lowest 94.76 below lsd, Jan. 7, 1954. Records available: 1936-54. Jan. 7, 94.76.
291. Roy T. Slagle. NW. cor. sec. 59, blk. K3. Lat. 34°50', long. 102°23'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 117 feet. Highest water level 54.64 below lsd, May 29, 1936; lowest 83.57 below lsd, Jan. 8, 1954. Records available: 1936-54. Jan. 8, 83.57. Measurement discontinued.
302. Noel Ewton. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 38, blk. K3. Lat. 34°50', long. 102°20'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 120 feet. Highest water level 49.12 below lsd, Mar. 21, 1939; lowest 75.90 below lsd, Aug. 5, 1947. Records available: 1936-42, 1944-54. Jan. 7, 59.76.
305. E. L. Adams. NW. cor. sec. 100, blk. K3. Lat. 34°49', long. 102°27'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 180 feet. Highest water level 79.42 below lsd, Aug. 27, 1937; lowest 107.35 below lsd, Jan. 6, 1954. Records available: 1937, 1945-54. Jan. 6, 107.35.
311. H. H. Boardman. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 41, blk. K3. Lat. 34°48', long. 102°21'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 100 feet. Highest water level 47.89 below lsd, Mar. 14, 1937; lowest 66.50 below lsd, Aug. 12, 1938. Records available: 1934, 1936-54. Jan. 6, 62.91.
315. William Woulff. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 67, blk. M7. Lat. 34°47', long. 102°20'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 130 feet. Highest water level 54.35 below lsd, June 25, 1937; lowest 73.60 below lsd, Jan. 6, 1954. Records available: 1936-54. Jan. 6, 73.60.
322. Dr. G. W. Heard. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 112, blk. M7. Lat. 34°46', long. 102°24'. Drilled unused water-table well in sand, diameter 26 inches, depth 140 feet. Highest water level 69.17 below lsd, May 28, 1936; lowest 98.97 below lsd, Jan. 6, 1954. Records available: 1936-54. Jan. 6, 98.97.
326. Frank J. Knabe. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 114, blk. M7. Lat. 34°45', long. 102°25'. Drilled unused water-table well in sand, diameter 26 inches, depth 120 feet. Highest water level 87.07 below lsd, Oct. 27, 1937; lowest 117.64 below lsd, Jan. 6, 1954. Records available: 1937-41, 1945-49, 1951-54. Jan. 6, 117.64.
331. Owen Andrews. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 107, blk. M7. Lat. 34°45', long. 102°24'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 136 feet. Highest water level 74.58 below lsd, Sept. 18, 1937; lowest 95.71 below lsd, Jan. 16, 1953. Records available: 1937-51, 1953. Measurement discontinued.
336. George M. Clingan. SW. cor. NE $\frac{1}{4}$ sec. 86, blk. M7. Lat. 34°46', long. 102°21'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 140 feet. Highest water level 85.46 below lsd, June 25, 1937; lowest 110.50 below lsd, Jan. 8, 1954. Records available: 1936-54. Jan. 8, 110.50.
340. Felix Urbanczyk. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 108, blk. M7. Lat. 34°45', long. 102°24'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 120 feet. Highest water level 72.88 below lsd, Apr. 17, 1936; lowest 98.05 below lsd, Jan. 6, 1954. Records available: 1936-44, 1946-54. Jan. 6, 98.05.

342. Ed. Dziuk. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 108, blk. M7. Lat. 34°46', long. 102°23'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 126 feet, cased to 121. Highest water level 74.01 below lsd, Mar. 29, 1938; lowest 98.92 below lsd, Jan. 6, 1954. Records available: 1937-44, 1947-49, 1951-52, 1954. Jan. 6, 98.92.

394. Paul M. Helmke. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 43, blk. M7. Lat. 34°46', long. 102°17'. Drilled irrigation water-table well in sand. Highest water level 79.34 below lsd, Mar. 18, 1947; lowest 90.44 below lsd, Jan. 8, 1954. Records available: 1945-54. Jan. 8, 90.44.

431. S. J. Barclay. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 152, blk. M7. Lat. 34°46', long. 102°27'. Drilled stock water-table well in sand, diameter 5 inches, depth 75 feet. Highest water level 66.11 below lsd, Sept. 16, 1937; lowest 82.59 below lsd, Jan. 6, 1954. Records available: 1937-52, 1954. Jan. 6, 82.59.

486. Mrs. G. S. Parker. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, blk. K8. Lat. 34°51', long. 102°30'. Drilled irrigation water-table well in sand, diameter 24 inches, depth 210 feet. Highest water level 71.2C below lsd, Mar. 18, 1937; lowest 103.84 below lsd, Jan. 6, 1954. Records available: 1937-39, 1941-42, 1944-49, 1951-54. Jan. 6, 103.84.

502. Carl H. Schroeder. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 50, blk. K8. Lat. 34°49', long. 102°32'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 210 feet, cased to 90-210. Highest water level 93.26 below lsd, Nov. 13, 1937; lowest 130.31 below lsd, Jan. 6, 1954. Records available: 1937-42, 1944-54. Jan. 6, 130.31.

506a. Alton Fraser. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, GCSL. Lat. 34°48', long. 102°33'. Drilled farm water-table well in sand. Highest water level 81.29 below lsd, Mar. 9, 1948; lowest 91.53 below lsd, Jan. 6, 1954. Records available: 1948-54. Jan. 6, 91.53.

513a. A. E. Acton. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 174, blk. M7. Lat. 34°45', long. 102°30'. Drilled irrigation water-table well in sand. Highest water level 81.38 below lsd, Mar. 9, 1948; lowest 92.25 below lsd, Jan. 6, 1954. Records available: 1948-49, 1951-54. Jan. 17, 1953, 89.52; Jan. 6, 1954, 92.25.

514. Howard Gault. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 173, blk. M7. Lat. 34°45', long. 102°30'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 178 feet. Highest water level 103.67 below lsd, Mar. 29, 1938; lowest 123.81 below lsd, Jan. 6, 1954. Records available: 1937-39, 1941, 1943-54. Jan. 6, 123.81.

934. L. O. Wilson. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 85, blk. M7. Lat. 34°45', long. 102°21'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 160 feet. Highest water level 93.60 below lsd, Feb. 26, 1946; lowest 115.54 below lsd, Jan. 8, 1954. Records available: 1945-54. Jan. 8, 115.54.

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N7-34. Byrd Cattle Co. Lat. 28°38', long. 99°51'. Drilled unused artesian well in Carrizo sand, diameter 8 inches, depth 800 feet. Land-surface datum is 576.40 feet above msl. Highest water level 28.65 below lsd, July 24, 1931; lowest 88.64 below lsd, Sept. 10, 1953. Records available: 1929-53. Measurement discontinued.

N8-19. E. L. Omera. Lat. 28°35', long. 99°49'. Drilled irrigation artesian well in Carrizo sand, diameter 10 inches, depth 800 feet. Land-surface datum is 602.60 feet above msl. Highest water level 56.75 below lsd, Aug. 15, 1931; lowest 111.20 below lsd, Apr. 12, 1930. Records available: 1929-33, 1937-43, 1947-54. Oct. 6, 107.46; Oct. 12, 107.07.

N8-26. G. C. Riha. Lat. 28°34', long. 99°47'. Drilled irrigation artesian well in Carrizo sand, diameter 8 inches, depth 818 feet. Land-surface datum is 548.80 feet above msl. Highest water level 30.80 below lsd, Sept. 28, 1931; lowest 196.50 below lsd, Sept. 12, 1951. Records available: 1929-41, 1943-46, 1948-52. Measurement discontinued.

N8-103. Marrs McLean. Lat. 28°30', long. 90°41'. Drilled irrigation artesian well in Carrizo sand, diameter 10 inches, depth 780 feet. Land-surface datum is 501.60 feet above msl. Highest water level 10.10 below lsd, July 27, 1931; lowest 216.5 below lsd, Oct. 5, 1954. Records available: 1929-32, 1935-42, 1946-50, 1952-54. Oct. 5, 216.5.

N9-12. Federal Land Bank. Lat. 28°34', long. 99°35'. Drilled irrigation artesian well in Carrizo sand, diameter 8 to 6 inches, depth 1,469 feet, cased to 1,469, perforations 1,185-1,469. Land-surface datum is 493.29 feet above msl. Highest water level 6.30 below lsd, July 28, 1931; lowest 150.6 below lsd, Sept. 9, 1953. Records available: 1929-43, 1948-53. Measurement discontinued.

N9-25. Order of Calenthia. Lat. $28^{\circ}31'$, long. $99^{\circ}37'$. Drilled irrigation artesian well in Carrizo sand, diameter 10 inches, depth 1,300 feet. Land-surface datum is 487.40 feet above msl. Highest water level 2.85 below lsd, May 27, 1931; lowest 183.4 below lsd, Oct. 6, 1954. Records available: 1929-33, 1935-40, 1944-46, 1948-54. Oct. 6, 183.4.

N9-33. P. J. Lewis. Lat. $28^{\circ}31'$, long. $99^{\circ}34'$. Drilled stock artesian well in Carrizo sand, diameter 6 to 5 inches, depth 1,524 feet, cased to 1,512, perforations 1,062-1,512. Highest water level 13.76 below lsd, Dec. 22, 1932; lowest 121.24 below lsd, Sept. 9, 1953. Records available: 1932, 1936-53. Measurement discontinued.

O7-3. G. W. Hatch. Lat. $28^{\circ}36'$, long. $99^{\circ}26'$. Drilled stock artesian well in Carrizo sand, diameter 12 inches, depth 1,800 feet. Land-surface datum is 604.15 feet above msl. Highest water level 90.10 below lsd, Oct. 5, 1931; lowest 202.11 below lsd, Oct. 6, 1954. Records available: 1929-51, 1953-54. Oct. 6, 202.11.

S1-16. C. W. Gilfillan & Son. Lat. $28^{\circ}27'$, long. $99^{\circ}53'$. Drilled irrigation water-table well in Carrizo sand, diameter 10 inches, depth 295 feet. Land-surface datum is 669.20 feet above msl. Highest water level 54.90 below lsd, Mar. 1, 1930; lowest 70.94 below lsd, Oct. 5, 1954. Records available: 1930-33, 1935-46, 1948-49, 1951-54. Oct. 5, 70.94.

S1-18. J. C. Johnson. Lat. $28^{\circ}22'$, long. $99^{\circ}52'$. Drilled unused water-table well in Carrizo sand, diameter 10 inches, depth 320 feet. Land-surface datum is 704.10 feet above msl. Highest water level 99.00 below lsd, Mar. 18, 1930; lowest 124.04 below lsd, Oct. 12, 1954. Records available: 1929-51, 1953-54. Oct. 12, 124.04.

S2-27. J. A. McDonald. Lat. $28^{\circ}27'$, long. $99^{\circ}42'$. Drilled farm artesian well in Carrizo sand, diameter 8 inches, depth 1,000 feet. Land-surface datum is 528.35 feet above msl. Highest water level 39.00 below lsd, July 27, 1931; lowest 117.8 below lsd, Oct. 5, 1954. Records available: 1929-33, 1935-39, 1941-54. Oct. 5, 117.8.

S2-78. M. McClaren. Lat. $28^{\circ}24'$, long. $99^{\circ}43'$. Drilled farm artesian well in Carrizo sand, diameter 12 inches, depth 1,000 feet. Land-surface datum is 636.55 feet above msl. Highest water level 146.35 below lsd, July 27, 1931; lowest 278.25 below lsd, Sept. 9, 1953. Records available: 1929-33, 1935-54. Oct. 5, 257.65.

S2-102. J. P. Giles. Lat. $28^{\circ}22'$, long. $99^{\circ}40'$. Drilled unused artesian well in Carrizo sand, diameter 12 to 10 inches, depth 1,185 feet. Land-surface datum is 581.95 feet above msl. Highest water level 98.85 below lsd, Sept. 29, 1931; lowest 148.50 below lsd, Mar. 19, 1930. Records available: 1929-33, 1935-54. Oct. 5, 147.88.

S5-5. Dolph Briscoe. Lat. $28^{\circ}15'$, long. $99^{\circ}48'$. Drilled farm artesian well in Carrizo sand, diameter 12 to 10 inches, depth 1,374 feet, cased to 1,083. Land-surface datum is 612.70 feet above msl. Highest water level 62.67 below lsd, Aug. 14, 1937; lowest 122.92 below lsd, Oct. 13, 1954. Records available: 1929-33, 1936-54. Oct. 13, 122.92.

S5-10. Catarina Farms Co. Lat. $28^{\circ}17'$, long. $99^{\circ}40'$. Drilled farm artesian well in Carrizo sand, diameter 10 inches, depth 1,615 feet. Land-surface datum is 571.20 feet above msl. Highest water level 75.13 below lsd, Aug. 27, 1936; lowest 159.35 below lsd, Sept. 9, 1953. Records available: 1929-33, 1935-39, 1944-53. No measurement made in 1954.

S6-4. O. V. Ray. Lat. $28^{\circ}17'$, long. $99^{\circ}40'$. Drilled unused artesian well in Carrizo sand, diameter 10 inches, depth 1,432 feet. Land-surface datum is 482.26 feet above msl. Highest water level 1.05 below lsd, Mar. 21, 1933; lowest 45.70 below lsd, Sept. 9, 1953. Records available: 1928, 1930-33, 1935-54. Oct. 5, 44.70.

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69. Juan Peralez. Lat. $27^{\circ}46'$, long. $98^{\circ}23'$. Drilled farm artesian well in Goliad sand, diameter 6 inches, depth 140 feet, cased to 10. Highest water level 67.07 below lsd, Feb. 6, 1950; lowest 76.74 below lsd, Feb. 12, 1947. Records available: 1933-41, 1943, 1945, 1947-50, 1952-54. Feb. 18, 74.09.

70. M. Cantu. Lat. $27^{\circ}46'$, long. $98^{\circ}23'$. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 110 feet. Highest water level 45.90 below lsd, Jan. 31, 1936; lowest 56.10 below lsd, Feb. 5, 1953. Records available: 1931, 1933-34, 1936-41, 1948-54. Feb. 18, 54.76.

71. Helena de Pena. Lat. $27^{\circ}46'$, long. $98^{\circ}24'$. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 110 feet, cribbed with brick. Highest water level 27.39 below lsd, Feb. 9, 1943; lowest 45.77 below lsd, Feb. 26, 1951. Records available: 1931, 1933-41, 1943, 1945, 1947-54. Feb. 18, 42.65.

73. Severo Ranjel. Lat. $27^{\circ}47'$, long. $98^{\circ}25'$. Dug domestic water-table well in Goliad sand, diameter 5 feet, depth 40 feet, cribbed with rock. Highest water level 31.34 below lsd, Feb. 9, 1943; lowest 37.73 below lsd, Dec. 11, 1934. Records available: 1933-41, 1943, 1945, 1947-54. Feb. 19, 34.66.
143. Celidonio Ruiz. Benavides. Lat. $27^{\circ}35'$, long. $98^{\circ}24'$. Dug farm water-table well in Goliad sand, diameter 36 inches, depth 45 feet, cribbed with rock and concrete. Highest water level 32.35 below lsd, Feb. 5, 1953; lowest 40.93 below lsd, Oct. 26, 1933. Records available: 1933-35, 1947-53. No measurement made in 1954.
157. Francisco Vaello. Lat. $27^{\circ}34'$, long. $98^{\circ}26'$. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 140 feet. Highest water level 85.68 below lsd, Feb. 18, 1954; lowest 93.55 below lsd, Apr. 13, 1935. Records available: 1933-41, 1945, 1948-54. Feb. 18, 85.68.
158. Marco Gomez. Lat. $27^{\circ}34'$, long. $98^{\circ}25'$. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 132 feet. Highest water level 90.60 below lsd, Feb. 7, 1952; lowest 96.14 below lsd, Feb. 5, 1934. Records available: 1933-41, 1943, 1945, 1948-49, 1951-54. Feb. 19, 91.90.
175. Mrs. Tom Cavanaugh. Lat. $27^{\circ}35'$, long. $98^{\circ}23'$. Dug farm water-table well in Goliad sand, diameter 4 feet, depth 63 feet, cribbed with rock. Highest water level 40.07 below lsd, Feb. 9, 1943; lowest 57.78 below lsd, Feb. 26, 1951. Records available: 1933-41, 1943, 1945, 1947-54. Feb. 18, 45.08.
183. Lazaro Vela. Lat. $27^{\circ}39'$, long. $98^{\circ}16'$. Drilled farm water-table well in Goliad sand, diameter 7 inches, depth 80 feet. Highest water level 49.27 below lsd, Feb. 13, 1947; lowest 59.41 below lsd, Feb. 6, 1950. Records available: 1931, 1933-34, 1936-41, 1943, 1945, 1947-53. No measurement made in 1954.
184. Eusebio Alanis. Lat. $27^{\circ}39'$, long. $98^{\circ}16'$. Dug farm water-table well, diameter 6 feet, depth 90 feet, cribbed with rock. Highest water level 37.89 below lsd, Feb. 7, 1952; lowest 48.40 below lsd, Dec. 12, 1934. Records available: 1933-41, 1943, 1945, 1947-53. No measurement made in 1954.
185. Cervando Saenz. Lat. $27^{\circ}37'$, long. $98^{\circ}17'$. Drilled farm artesian well in Goliad sand, diameter 36 inches, depth 90 feet. Highest water level 34.10 below lsd, Jan. 25, 1938; lowest 42.00 below lsd, May 25, 1931. Records available: 1931, 1933-41, 1943, 1945, 1947-54. Feb. 18, 34.70. Measurement discontinued.
187. Ranchita Anjerlina. Lat. $27^{\circ}36'$, long. $98^{\circ}14'$. Dug stock water-table well in Goliad sand, diameter 36 inches, depth 70 feet, cribbed with rock to 5. Highest water level 40.50 below lsd, May 25, 1931; lowest 49.68 below lsd, Aug. 22, 1933. Records available: 1931, 1933-35, 1937-41, 1943, 1945, 1948-54. Feb. 18, 43.52.
189. Pedro Lopez. Lat. $27^{\circ}34'$, long. $98^{\circ}18'$. Drilled farm artesian well in Goliad sand, diameter 6 inches, depth 100 feet. Highest water level 60.19 below lsd, Feb. 27, 1951; lowest 66.76 below lsd, Feb. 18, 1954. Records available: 1931, 1933-41, 1943, 1945, 1947, 1949-54. Feb. 18, 66.76. Measurement discontinued.
190. Margarita Lopez. Lat. $27^{\circ}34'$, long. $98^{\circ}18'$. Dug farm water-table well in Goliad sand, diameter 5 feet, depth 90 feet. Highest water level 37.05 below lsd, Sept. 28, 1933; lowest 45.02 below lsd, Oct. 6, 1939. Records available: 1933-41, 1943, 1945, 1947-54. Feb. 18, 43.52.
201. Maria Villareal de Saenz. Lat. $27^{\circ}35'$, long. $98^{\circ}16'$. Drilled farm artesian well in Goliad sand, diameter 8 inches, depth 125 feet, cased to 30. Highest water level 72.37 below lsd, Mar. 7, 1945; lowest 82.10 below lsd, Feb. 7, 1952. Records available: 1931, 1933-41, 1943, 1945-54. Feb. 18, 81.05.
203. N. E. Martinez. Lat. $27^{\circ}24'$, long. $98^{\circ}16'$. Drilled farm artesian well in Goliad sand, diameter 4 inches, depth 200 feet. Highest water level 45.75 below lsd, Feb. 5, 1934; lowest 84.40 below lsd, Feb. 18, 1954. Records available: 1933-41, 1943, 1945-54. Feb. 18, 84.40.
211. J. Perez. Lat. $27^{\circ}34'$, long. $98^{\circ}21'$. Drilled unused artesian well in Goliad sand, diameter 5 inches, depth 93 feet. Highest water level 35.68 below lsd, July 17, 1937; lowest 49.50 below lsd, May 29, 1931. Records available: 1931, 1933-41, 1943, 1947-54. Feb. 18, 41.41.

230. San Antonio Loan & Trust Co. Lat. 27°23', long. 98°31'. Dug farm water-table well in Goliad sand, diameter 4 feet, depth 65 feet. Highest water level 56.65 below lsd, Feb. 7, 1952; lowest 63.67 below lsd, Feb. 13, 1940. Records available: 1933-41, 1943, 1945, 1947-54. Feb. 18, 57.10.

271. J. Mann. Lat. 27°22', long. 98°28'. Drilled unused water-table well in Goliad sand, diameter 5 inches, depth 90 feet. Highest water level 71.11 below lsd, Jan. 26, 1938; lowest 89.86 below lsd, Feb. 18, 1954. Records available: 1933-41, 1943, 1945, 1947-54. Feb. 18, 89.86.

289. Adolfo Garcia. Lat. 27°20', long. 98°24'. Drilled farm water-table well in Goliad sand, diameter 4 inches, depth 80 feet. Highest water level 43.06 below lsd, July 17, 1937; lowest 48.58 below lsd, Feb. 5, 1953. Records available: 1933-41, 1943, 1945, 1947-54. Feb. 18, 45.76.

290. Andaliasia Garcia. Lat. 27°19', long. 98°24'. Drilled farm artesian well in Goliad sand, diameter 6 inches, depth 100 feet. Highest water level 49.06 below lsd, Feb. 10, 1943; lowest 53.36 below lsd, Feb. 27, 1951. Records available: 1931, 1933-38, 1940-41, 1943, 1945, 1947-54. Feb. 18, 49.90.

297. San Antonio Loan & Trust Co. Lat. 27°17', long. 98°20'. Drilled farm artesian well in Goliad sand, diameter 6 inches, depth 200 feet. Highest water level 51.01 below lsd, Jan. 27, 1938; lowest 76.52 below lsd, Feb. 7, 1952. Records available: 1931, 1933-41, 1943, 1945, 1947-54. Feb. 18, 55.18.

301. Virginia Garcia. Lat. 27°19', long. 98°20'. Drilled farm artesian well, diameter 6 inches, depth 280 feet. Highest water level 49.00 below lsd, Mar. 30, 1933; lowest 77.60 below lsd, Feb. 18, 1954. Records available: 1931, 1933-41, 1943, 1945, 1947-50, 1953-54. Feb. 18, 77.60.

315. Ruben Schultz. Lat. 27°18', long. 98°16'. Drilled unused artesian well in Goliad sand, diameter 6 inches, depth 280 feet. Highest water level 42.43 below lsd, Nov. 9, 1943; lowest 58.37 below lsd, Feb. 27, 1951. Records available: 1932-39, 1941, 1943, 1945-54. Feb. 18, 53.31.

319. San Antonio Loan & Trust Co. Lat. 27°19', long. 98°15'. Drilled unused artesian well in Goliad sand, diameter 6 inches, depth 340 feet. Highest water level 22.31 below lsd, Feb. 15, 1934; lowest 65.34 below lsd, Feb. 18, 1954. Records available: 1931, 1933-39, 1941, 1943, 1945-54. Feb. 18, 65.34.

322. Santana Hinojosa. Lat. 27°16', long. 98°17'. Drilled farm water-table well in Lissle formation(?), diameter 6 inches, depth 50 feet. Highest water level 36.16 below lsd, Jan. 27, 1938; lowest 82.10 below lsd, Feb. 18, 1954. Records available: 1932-41, 1943, 1945, 1947-51, 1953-54. Feb. 18, 82.10.

El Paso County

30a. El Paso city well 14. San Antonio and Walnut Sts. Lat. 31°46', long. 106°27'. Drilled public-supply water-table well in bolson deposits, diameter 24 to 13 inches, depth 703 feet. Land-surface datum is 3,701.91 feet above msl. Highest water level 23.23 below lsd, Jan. 4, 1951; lowest 43.90 below lsd, May 22, 1943. Records available: 1937-48, 1950-54. Jan. 5, 28.19.

32a. El Paso city well 17. San Antonio and Tornillo Sts. Lat. 31°45', long. 106°28'. Drilled public-supply water-table well in bolson deposits, diameter 12 to 5 inches, depth 750 feet. Land-surface datum is 3,705.11 feet above msl. Highest water level 27.22 below lsd, Jan. 4, 1951; lowest 47.33 below lsd, June 14, 1954. Records available: 1939-40, 1942-48, 1950-54. Jan. 5, 31.06; June 14, 47.33.

42. El Paso city well 9. Luna and Pera Sts. Lat. 31°46', long. 106°27'. Drilled public-supply water-table well in sand, diameter 24 to 12 inches, depth 802 feet. Land-surface datum is 3,700.27 feet above msl. Highest water level 21.11 below lsd, Dec. 22, 1934; lowest 42.68 below lsd, July 26, 1951. Records available: 1934-40, 1942-48, 1950-54. Jan. 5, 28.83.

48b. El Paso city test well 33. River end of Val Verde St. Lat. 31°45', long. 106°25'. Drilled observation water-table well in bolson deposits, diameter 4 inches, depth 622 feet. Land-surface datum is 3,696.37 feet above msl. Highest water level 17.63 below lsd, Jan. 22, 1951; lowest 36.41 below lsd, Nov. 19, 1954. Records available: 1940-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	23.20	Apr. 19	32.03	July 21	33.61	Oct. 21	32.75
21	23.28	May 21	30.98	Aug. 19	34.23	Nov. 19	36.41
Feb. 23	31.34	June 22	34.71	Sept. 21	35.97	Dec. 20	35.34
Mar. 23	33.72						

49. El Paso city well 4. Lat. $31^{\circ}46'$, long. $106^{\circ}26'$. Drilled public-supply water-table well in bolson deposits, diameter 24 to 13 inches, depth 882 feet, casing slotted 465-882. Land-surface datum is 3,743.76 feet above msl. Highest water level 35.26 below lsd, Jan. 12, 1953; lowest 84.01 below lsd, Sept. 29, 1945. Records available: 1934-35, 1937-48, 1950-54. Jan. 5, 74.72.

52. El Paso city well 3. Montana and Chelsea Sts. Lat. $31^{\circ}46'$, long. $106^{\circ}25'$. Drilled public-supply water-table well in bolson deposits, diameter 26 inches, depth 862 feet. Land-surface datum is 3,780.56 feet above msl. Highest water level 96.23 below lsd, Sept. 12, 1935; lowest 138.41 below lsd, July 26, 1951. Records available: 1934-48, 1950-54. Jan. 5, 112.78.

55. The Texas Co. Lat. $31^{\circ}46'$, long. $106^{\circ}24'$. Drilled industrial water-table well in sand, diameter 16 inches, depth 694 feet. Land-surface datum is 3,715.87 feet above msl. Highest water level 42.16 below lsd, Apr. 9, 1936; lowest 64.34 below lsd, June 23, 1954. Records available: 1929, 1935-54. Jan. 5, 52.66; June 23, 64.34.

64. City of El Paso and U. S. Geol. Survey test well 1. Lat. $31^{\circ}47'$, long. $106^{\circ}23'$. Drilled observation artesian well in bolson deposits, diameter 6 to 2 inches, depth 600 feet, cased to 441. Land-surface datum is 3,942.88 feet above msl. Highest water level 260.21 below lsd, Sept. 15, 1936; lowest 274.02 below lsd, Dec. 20, 1954. Records available: 1936-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	271.46	Apr. 19	272.14	July 21	272.84	Oct. 21	273.48
21	272.46	May 21	272.42	Aug. 19	273.08	Nov. 19	273.76
Feb. 23	272.02	June 22	272.73	Sept. 21	273.29	Dec. 20	274.02
Mar. 23	271.85						

72. U. S. Dept. of the Army, Fort Bliss well 2. Lat. $31^{\circ}48'$, long. $106^{\circ}25'$. Drilled public-supply artesian well in bolson deposits, diameter 10 inches, depth 652 feet. Land-surface datum is 3,884.14 feet above msl. Highest water level 212.96 below lsd, Dec. 13, 1935; lowest 245.05 below lsd, Aug. 26, 1943. Records available: 1935-48, 1950, 1952-54. Jan. 5, 238.64; June 17, 242.74.

75b. El Paso city test well 10. Lat. $31^{\circ}49'$, long. $106^{\circ}24'$. Drilled observation artesian well in bolson deposits, diameter 8 inches, depth 1,117 feet. Land-surface datum is 3,879.15 feet above msl. Highest water level 203.90 below lsd, Jan. 15, 1939; lowest 225.25 below lsd, July 24, 1953. Records available: 1938-54.

Jan. 6	221.28	Mar. 23	223.23	June 22	225.00	Sept. 21	223.93
21	221.41	Apr. 19	223.70	July 21	223.85	Oct. 21	223.60
28	222.94	May 21	223.87	Aug. 9	223.92	Nov. 19	222.86
Feb. 23	223.21	27	223.37	19	223.85	Dec. 20	222.62

76. City of El Paso and U. S. Geol. Survey test well 2. Lat. $31^{\circ}49'$, long. $106^{\circ}23'$. Drilled observation artesian well in bolson deposits, diameter 2 inches, depth 600 feet, cased to 416. Land-surface datum is 3,919.40 feet above msl. Highest water level 234.73 below lsd, Sept. 21, 1938; lowest 263.20 below lsd, Sept. 21, 1954. Records available: 1936-54.

Jan. 6	253.82	Apr. 19	257.86	July 21	259.20	Oct. 21	260.24
21	253.70	May 21	257.60	Aug. 19	263.01	Nov. 19	258.93
Feb. 23	254.97	June 22	260.08	Sept. 21	263.20	Dec. 20	255.76
Mar. 23	256.30						

77. El Paso city well 12. Lat. $31^{\circ}49'$, long. $106^{\circ}24'$. Drilled public-supply artesian well in bolson deposits, diameter 20 to 12 inches, depth 776 feet, casing slotted below 290. Land-surface datum is 3,879.78 feet above msl. Highest water level 198.72 below lsd, Dec. 16, 1935; lowest 231.79 below lsd, June 25, 1943. Records available: 1935-40, 1942-54. Jan. 6, 223.48.

78c. El Paso city test well 4. Lat. $31^{\circ}50'$, long. $106^{\circ}25'$. Drilled observation artesian well in sand, diameter 6 inches, depth 800 feet. Land-surface datum is 3,869.34 feet above msl. Highest water level 188.23 below lsd, Feb. 24, 1939; lowest 202.67 below lsd, June 28, 1954. Records available: 1937-54. Jan. 7, 202.34; June 28, 202.67.

112. El Paso city well 32. Lat. $31^{\circ}49'$, long. $106^{\circ}25'$. Drilled unused artesian well in bolson deposits, diameter 8 inches, depth 606 feet. Land-surface datum is 3,869.77 feet above msl. Highest water level 192.80 below lsd, Dec. 16, 1935; lowest 220.09 below lsd, July 7, 1949. Records available: 1935-54. June 28, 217.73.

128c. El Paso city well 23. Lat. $31^{\circ}51'$, long. $106^{\circ}25'$. Drilled observation artesian well in bolson deposits, diameter 4 inches, depth 1,257 feet, cased to 385. Land-surface datum is 3,881.61 feet above msl. Highest water level 192.64 below lsd, Feb. 5, 1940; lowest 210.82 below lsd, June 28, 1954. Records available: 1939-54. Jan. 7, 209.77; June 28, 210.82.

136. City of El Paso and U. S. Geol. Survey test well 3. Lat. $31^{\circ}54'$, long. $106^{\circ}24'$. Drilled observation artesian well in bolson deposits, diameter 6 to 2 inches, depth 500 feet, cased to 335. Land-surface datum is 3,944.11 feet above msl. Highest water level 244.11 below lsd, Jan. 20, 1937; lowest 257.20 below lsd, Aug. 19, 1954. Records available: 1936-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	253.10	Apr. 19	254.89	July 21	256.30	Oct. 21	256.64
21	252.97	May 21	255.80	Aug. 19	257.20	Nov. 19	256.63
Feb. 23	254.01	June 22	256.18	Sept. 21	256.91	Dec. 20	256.90
Mar. 23	254.27						

139a. El Paso city test well 29. Lat. $31^{\circ}57'$, long. $106^{\circ}25'$. Drilled observation artesian well in bolson deposits, diameter 4 inches, depth 567 feet. Land-surface datum is 4,046.22 feet above msl. Highest water level 335.60 below lsd, Apr. 23, 1940; lowest 340.31 below lsd, Nov. 23, 1942. Records available: 1940-45, 1947-54. Jan. 7, 339.53.

143a. El Paso city test well 30. Lat. $31^{\circ}59'$, long. $106^{\circ}25'$. Drilled observation artesian well in bolson deposits, diameter 4 inches, depth 520 feet. Land-surface datum is 4,041.19 feet above msl. Highest water level 315.87 below lsd, Aug. 21, 1941; lowest 319.87 below lsd, Dec. 24, 1942. Records available: 1940-45, 1947-54. Jan. 7, 318.44; June 28, 318.55.

Floyd County

5. M. C. Scheele. SW. cor. sec. 127, blk. D2. Lat. $34^{\circ}16'$, long. $101^{\circ}31'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet. Highest water level 48.00 below lsd, Apr. 28, 1936; lowest 71.50 below lsd, Jan. 5, 1954. Records available: 1936-54. Jan. 5, 71.50.

20. Tom McGehee. $SE\frac{1}{4}NE\frac{1}{4}SW\frac{1}{4}$ sec. 26, blk. B4. Lat. $34^{\circ}17'$, long. $101^{\circ}25'$. Drilled irrigation water-table well in sand, diameter 14 to 12 inches, depth 215 feet, cased to 215. Highest water level 80.0 below lsd, Aug. 1936; lowest 109.24 below lsd, Jan. 7, 1954. Records available: 1936, 1947-54. Jan. 7, 109.24.

21. W. T. Rankin. $SW\frac{1}{4}SW\frac{1}{4}NW\frac{1}{4}$ sec. 3, blk. C9. Lat. $34^{\circ}16'$, long. $101^{\circ}25'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 185 feet. Highest water level 87.20 below lsd, Mar. 7, 1947; lowest 106.48 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 106.48.

32. Frank Whitfill. $NW\frac{1}{4}NW\frac{1}{4}NE\frac{1}{4}$ sec. 12, blk. C9. Lat. $34^{\circ}15'$, long. $101^{\circ}24'$. Drilled irrigation water-table well in sand, diameter 16 to 10 inches, depth 215 feet. Highest water level 89.22 below lsd, Jan. 3, 1939; lowest 116.32 below lsd, Jan. 7, 1954. Records available: 1937-43, 1945-54. Jan. 7, 116.32.

42. D. Jackson. NW. cor. $SW\frac{1}{4}$ sec. 14, blk. C9. Lat. $34^{\circ}14'$, long. $101^{\circ}26'$. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 196 feet. Highest water level 77.95 below lsd, Mar. 7, 1947; lowest 95.09 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 95.09.

53. Ben Quebe. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 99, blk. D2. Lat. $34^{\circ}13'$, long. $101^{\circ}32'$. Drilled irrigation water-table well in sand, diameter 15 inches, depth 205 feet. Highest water level 49.88 below lsd, June 3, 1937; lowest 78.13 below lsd, Jan. 5, 1954. Records available: 1937, 1940, 1947-50, 1952-54. Jan. 5, 78.13.

55. Ben Quebe. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 89, blk. D2. Lat. $34^{\circ}13'$, long. $101^{\circ}31'$. Drilled irrigation water-table well in sand, depth 200 feet. Highest water level 59.14 below lsd, June 3, 1937; lowest 83.80 below lsd, Jan. 6, 1953. Records available: 1937, 1940, 1947-50, 1952-53. No measurement made in 1954.

56. Ben Quebe. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 100, blk. D2. Lat. $34^{\circ}13'$, long. $101^{\circ}31'$. Drilled irrigation water-table well in sand, diameter 16 to 14 inches, depth 212 feet. Highest water level 59.00 below lsd, Mar. 23, 1940; lowest 83.49 below lsd, Jan. 5, 1954. Records available: 1940, 1947-50, 1952-54. Jan. 5, 83.49.

57. T. L. Wilhite. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 87, blk. D2. Lat. $34^{\circ}13'$, long. $101^{\circ}29'$. Drilled unused water-table well in sand. Highest water level 60.10 below lsd, May 3, 1937; lowest 92.86 below lsd, Jan. 5, 1954. Records available: 1936-54. Jan. 5, 92.86.

106. M. W. Alford. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 65, blk. D2. Lat. $34^{\circ}11'$, long. $101^{\circ}31'$. Drilled irrigation water-table well in sand, diameter 24 inches, depth 286 feet. Highest water level 53.0 below lsd, Mar. 14, 1916; lowest 102.23 below lsd, Jan. 5, 1954. Records available: 1916, 1934, 1937-46, 1948-54. Jan. 5, 102.23.

108. Ivan Thompson. NW. cor. SE $\frac{1}{4}$ sec. 65, blk. D2. Lat. 34°11', long. 101°31'. Drilled irrigation water-table well in sand, diameter 24 to 12 inches, depth 278 feet, cased to 276. Highest water level 49.5 below lsd, Jan. 3, 1914; lowest 101.60 below lsd, Jan. 5, 1954. Records available: 1914, 1938-54. Jan. 5, 101.60.

110. Ivan Thompson. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 65, blk. D2. Lat. 34°10', long. 101°31'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 281 feet. Highest water level 55.32 below lsd, Oct. 28, 1937; lowest 96.54 below lsd, Jan. 5, 1954. Records available: 1937, 1947-54. Jan. 5, 96.54.

111. Texas Land & Development Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 65, blk. D2. Lat. 34°11', long. 101°32'. Drilled unused water-table well in sand, diameter 26 to 10 inches, depth 269 feet, cased to 269. Highest water level 46.0 below lsd, 1914; lowest 92.83 below lsd, Jan. 5, 1954. Records available: 1914, 1936-54. Jan. 5, 92.83.

112. C. R. Roach. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, blk. D5. Lat. 34°10', long. 101°32'. Drilled irrigation water-table well in sand, diameter 18 to 12 inches, depth 281 feet, cased to 267. Highest water level 48.5 below lsd, Feb. 2, 1914; lowest 89.06 below lsd, Jan. 5, 1954. Records available: 1914, 1936-54. Jan. 5, 89.06.

120. Francis Carthel. NW. cor. sec. 1, blk. D5. Lat. 34°10', long. 101°28'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 210 feet, cased to 80. Highest water level 57.84 below lsd, Feb. 27, 1939; lowest 110.2 below lsd, Jan. 5, 1954. Records available: 1937-54. Jan. 5, 110.2.

138. John Carthel. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 49, blk. D2. Lat. 34°09', long. 101°27'. Drilled irrigation water-table well in sand, diameter 11 inches, depth 201 feet, cased 60-104. Highest water level 85.67 below lsd, Mar. 17, 1947; lowest 122.50 below lsd, Jan. 5, 1954. Records available: 1947-49, 1951-54. Jan. 5, 122.50.

139. L. R. Collis. SE. cor. sec. 2, blk. D5. Lat. 34°09', long. 101°28'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 216 feet. Highest water level 52.74 below lsd, Apr. 17, 1934; lowest 119.11 below lsd, Jan. 5, 1954. Records available: 1914, 1934, 1937-38, 1941-54. Jan. 5, 119.11.

140. C. Williams. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, blk. D5. Lat. 34°09', long. 101°28'. Drilled irrigation water-table well in sand, depth 292 feet. Highest water level 46.5 below lsd, 1914; lowest 108.32 below lsd, Jan. 5, 1954. Records available: 1914, 1938-54. Jan. 5, 108.32.

143. Plainview-Lockney Farms. SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, blk. D5. Lat. 34°09', long. 101°30'. Drilled irrigation water-table well in sand, diameter 24 to 12 inches, depth 274 feet, cased to 274. Highest water level 51.2 below lsd, 1914; lowest 113.03 below lsd, Jan. 5, 1954. Records available: 1914-15, 1936-37, 1948-50, 1952-54. Jan. 5, 113.03.

157. Texas Land & Development Co. NW. cor. sec. 10, blk. D5. Lat. 34°09', long. 101°32'. Drilled irrigation water-table well in sand, diameter 24 to 12 inches, depth 286 feet. Highest water level 47.0 below lsd, Feb. 29, 1916; lowest 106.30 below lsd, Jan. 5, 1954. Records available: 1916, 1934, 1937-54. Jan. 5, 106.30.

161. Texas Land & Development Co. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. D5. Lat. 34°08', long. 101°31'. Drilled irrigation water-table well in sand, 24 to 12 inches, depth 278 feet, cased to 278. Highest water level 50.0 below lsd, 1914; lowest 113.59 below lsd, Jan. 5, 1954. Records available: 1914, 1936-54. Jan. 5, 113.59.

185. Joe Anderson. Center west line sec. 64, blk. D2. Lat. 34°11', long. 101°31'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 303 feet. Highest water level 66.07 below lsd, Oct. 22, 1945; lowest 103.11 below lsd, Jan. 5, 1954. Records available: 1945, 1947-54. Jan. 5, 103.11.

186. W. E. Whitfill. NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 64, blk. D2. Lat. 34°11', long. 101°30'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 194 feet. Highest water level 61.0 below lsd, 1940; lowest 108.52 below lsd, Jan. 5, 1954. Records available: 1940, 1947-49, 1952-54. Jan. 5, 108.52.

216. Billie Staniforth. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 82, blk. GM. Lat. 34°12', long. 101°15'. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 410 feet, cased to 370. Highest water level 192.04 below lsd, Aug. 14, 1939; lowest 205.50 below lsd, Jan. 7, 1954. Records available: 1939, 1947-54. Jan. 7, 205.50.

263. Ewald Quebe. Lat. 34°13', long. 101°30'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 255 feet. Highest water level 77.92 below lsd, Mar. 7, 1947; lowest 102.07 below lsd, Jan. 5, 1954. Records available: 1947-51, 1953-54. Jan. 5, 102.07.

264. H. F. Quebe. Lat. $34^{\circ}14'$, long. $101^{\circ}31'$. Drilled irrigation water-table well in sand, depth 220 feet. Highest water level 58.82 below lsd, Mar. 7, 1947; lowest 83.76 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 83.76.

265. G. B. Johnston. Lat. $34^{\circ}14'$, long. $101^{\circ}25'$. Drilled irrigation water-table well in sand, depth 201 feet. Highest water level 81.56 below lsd, Mar. 7, 1947; lowest 101.83 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 101.83.

326. W. C. Simms. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 68, blk. 1. Lat. $33^{\circ}59'$, long. $101^{\circ}17'$. Drilled unused water-table well in sand, diameter 14 inches, depth 310 feet. Highest water level 147.20 below lsd, Mar. 9, 1948; lowest 154.20 below lsd, Jan. 6, 1954. Records available: 1937, 1939-43, 1945-54. Jan. 6, 154.20.

409. A. V. and J. H. Campbell. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, blk. M. Lat. $34^{\circ}06'$, long. $101^{\circ}31'$. Drilled irrigation water-table well in sand, diameter 18 to 10 inches, depth 278 feet. Highest water level 44.5 below lsd, Apr. 2, 1914; lowest 103.82 below lsd, Jan. 10, 1953. Records available: 1914, 1936-43, 1945-50, 1953. Measurement discontinued.

410a. W. C. McGrede. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 44, blk. D6. Lat. $34^{\circ}07'$, long. $101^{\circ}32'$. Drilled irrigation water-table well in sand. Highest water level 67.80 below lsd, Mar. 2, 1948; lowest 102.59 below lsd, Jan. 6, 1954. Records available: 1948-49, 1952-54. Jan. 6, 102.59.

414. Mrs. Harriet B. Robbins. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 46, blk. D6. Lat. $34^{\circ}08'$, long. $101^{\circ}30'$. Drilled irrigation water-table well in sand, depth 227 feet. Highest water level 49.5 below lsd, July 1913; lowest 121.44 below lsd, Jan. 6, 1954. Records available: 1913-14, 1938-45, 1949-50, 1952-54. Jan. 6, 121.44.

416. J. R. Belt, Jr. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 46, blk. D6. Lat. $34^{\circ}07'$, long. $101^{\circ}30'$. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 213 feet. Highest water level 48.2 below lsd, Aug. 1913; lowest 121.93 below lsd, Jan. 6, 1954. Records available: 1913-14, 1938-50, 1953-54. Jan. 6, 121.93.

420. Walter Gloyna. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 47, blk. D6. Lat. $34^{\circ}07'$, long. $101^{\circ}29'$. Drilled irrigation water-table well in sand. Highest water level 85.00 below lsd, Mar. 17, 1947; lowest 130.98 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 130.98.

421. J. R. Belt, Jr. NW. cor. sec. 48, blk. D6. Lat. $34^{\circ}07'$, long. $101^{\circ}29'$. Drilled irrigation water-table well in sand, diameter 24 to 16 inches, depth 260 feet. Highest water level 50.0 below lsd, Dec. 11, 1913; lowest 121.12 below lsd, Jan. 7, 1954. Records available: 1913-14, 1934, 1936-54. Jan. 7, 121.12.

423. Judson Jones. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 48, blk. D6. Lat. $34^{\circ}07'$, long. $101^{\circ}29'$. Drilled irrigation water-table well in sand, diameter 20 to 12 inches, depth 270 feet. Highest water level 45.8 below lsd, Apr. 19, 1915; lowest 109.08 below lsd, Jan. 8, 1953. Records available: 1915, 1947-53. No measurement made in 1954.

435. W. M. Summerlin. Center of L. C. Reed survey. Lat. $34^{\circ}06'$, long. $101^{\circ}27'$. Drilled irrigation water-table well in sand, diameter 22 inches, depth 200 feet. Highest water level 57.06 below lsd, Nov. 16, 1937; lowest 124.27 below lsd, Jan. 7, 1954. Records available: 1937-43, 1946-54. Jan. 7, 124.27.

442. Solon Clements. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 51, blk. D3. Lat. $34^{\circ}07'$, long. $101^{\circ}24'$. Drilled unused water-table well in sand, diameter 8 inches, depth 61 feet. Highest water level 22.78 below lsd, Dec. 20, 1941; lowest 40.00 below lsd, Mar. 11, 1941. Records available: 1937-46, 1948-53. No measurement made in 1954.

448. Buck Sams. NW. cor. sec. 74, blk. G. Lat. $34^{\circ}06'$, long. $101^{\circ}26'$. Drilled irrigation water-table well in sand, diameter 18 to 14 inches, depth 289 feet. Highest water level 48.57 below lsd, May 2, 1940; lowest 106.75 below lsd, Jan. 7, 1954. Records available: 1940, 1947-54. Jan. 7, 106.75.

459. Texas Land & Development Co. Lat. $34^{\circ}04'$, long. $101^{\circ}30'$. Drilled irrigation water-table well in sand, diameter 26 to 11 inches, depth 310 feet. Highest water level 43.0 below lsd, 1917; lowest 97.45 below lsd, Jan. 6, 1954. Records available: 1917, 1934, 1937-54. Jan. 6, 97.45.

463. Sam Moore. NW. cor. sec. 14, blk. N. Lat. $34^{\circ}05'$, long. $101^{\circ}32'$. Drilled irrigation water-table well in sand, diameter 24 to 12 inches, depth 268 feet, cased to 264. Highest water level 44.93 below lsd, Apr. 16, 1934; lowest 105.34 below lsd, Jan. 6, 1954. Records available: 1915, 1934, 1937-49, 1951-54. Jan. 6, 105.34.

467. C. J. Barnard. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, blk. N. Lat. 34°03', long. 101°33'. Drilled irrigation water-table well in sand, diameter 16 to 14 inches, depth 300 feet. Highest water level 36.32 below lsd, Jan. 8, 1938; lowest 83.41 below lsd, Jan. 6, 1954. Records available: 1937-49, 1951-54. Jan. 6, 83.41.

472. Texas Land & Development Co. Lat. 34°04', long. 101°30'. Drilled unused water-table well in sand, depth 293 feet. Highest water level 47.06 below lsd, June 28, 1938; lowest 95.44 below lsd, Jan. 6, 1954. Records available: 1938-54. Jan. 6, 95.44.

478. T. B. Mitchell. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 57, blk. G. Lat. 34°03', long. 101°28'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 280 feet. Highest water level 63.71 below lsd, Mar. 18, 1947; lowest 107.95 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 107.95.

486. Mrs. M. E. Morris. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 53, blk. O. Lat. 34°03', long. 101°23'. Drilled unused water-table well in sand, diameter 6 inches, depth 59 feet. Highest water level 28.86 below lsd, Mar. 10, 1942; lowest 38.90 below lsd, Jan. 7, 1954. Records available: 1937-54. Jan. 7, 38.90.

493. Henry Schacht. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 48, blk. D6. Lat. 34°07', long. 101°29'. Drilled irrigation water-table well in sand, diameter 18 to 16 inches, depth 275 feet, cased to 275. Highest water level 78.26 below lsd, Oct. 27, 1945; lowest 126.50 below lsd, Jan. 7, 1954. Records available: 1945, 1947-54. Jan. 7, 126.50.

510. W. R. Crow. Lat. 34°01', long. 101°30'. Drilled irrigation water-table well in sand, diameter 15 to 10 inches, depth 309 feet. Highest water level 39.88 below lsd, Dec. 2, 1937; lowest 81.36 below lsd, Jan. 6, 1954. Records available: 1937-54. Jan. 6, 81.36.

511. T. B. Mitchell. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 48, blk. G. Lat. 34°02', long. 101°28'. Drilled irrigation water-table well in sand, diameter 14 to 12 inches, depth 240 feet, cased to 190. Highest water level 46.06 below lsd, Nov. 17, 1937; lowest 98.93 below lsd, Jan. 7, 1954. Records available: 1937, 1947-49, 1951-52, 1954. Jan. 7, 98.93.

519. J. L. Faulkner. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 44, blk. G. Lat. 33°59', long. 101°27'. Drilled stock water-table well in sand, diameter 6 inches. Highest water level 48.09 below lsd, May 8, 1936; lowest 66.38 below lsd, Jan. 10, 1953. Records available: 1936-53. Measurement discontinued.

529. Panhandle & Santa Fe Ry. Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 63, blk. 1. Lat. 34°00', long. 101°20'. Drilled stock water-table well in sand, diameter 6 inches, depth 138 feet. Highest water level 109.49 below lsd, Feb. 1, 1944; lowest 110.88 below lsd, Mar. 11, 1942. Records available: 1937-40, 1942-54. Jan. 7, 110.49.

542. R. B. Gary. SW. cor. sec. 8, blk. K. Lat. 33°56', long. 101°31'. Drilled irrigation water-table well in sand, diameter 15 to 10 inches, depth 325 feet, cased to 325. Highest water level 64.39 below lsd, Aug. 3, 1937; lowest 98.83 below lsd, Jan. 6, 1954. Records available: 1939, 1947-54. Jan. 6, 98.83.

562. H. W. Carver. Lat. 33°52', long. 101°21'. Drilled farm water-table well in sand, diameter 4 inches, depth 164 feet. Highest water level 132.18 below lsd, Mar. 11, 1942; lowest 156.98 below lsd, Jan. 6, 1954. Records available: 1937, 1945-46, 1948-54. Jan. 6, 156.98.

630. L. Ferguson. SW. cor. sec. 58, blk. D2. Lat. 34°11', long. 101°25'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 216 feet. Highest water level 98.77 below lsd, Mar. 17, 1947; lowest 127.38 below lsd, Jan. 7, 1954. Records available: 1947-50, 1952-54. Jan. 7, 127.38.

652. Buck Sams. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 72, blk. G. Lat. 34°05', long. 101°28'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 298 feet. Highest water level 65.76 below lsd, Mar. 19, 1947; lowest 112.12 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 112.12.

663. Chester Mitchell. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 56, blk. G. Lat. 34°03', long. 101°27'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 280 feet, cased to 275. Highest water level 57.0 below lsd, 1945; lowest 106.77 below lsd, Jan. 7, 1954. Records available: 1945, 1947-54. Jan. 7, 106.77.

704. Lee Trice. NW. cor. sec. 14, blk. G2. Lat. 33°58', long. 101°23'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 331 feet. Highest water level 90.03 below lsd, Mar. 17, 1947; lowest 114.26 below lsd, Jan. 7, 1954. Records available: 1945, 1947-54. Jan. 7, 114.26.

726. Wesley Carr. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, blk. K. Lat. 33°54', long. 101°33'. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 380 feet. Highest water level 58.65 below lsd, Oct. 13, 1945; lowest 85.13 below lsd, Jan. 6, 1954. Records available: 1945, 1947-54. Jan. 6, 85.13.

727. T. B. Mitchell. Lat. 34°03', long. 101°28'. Drilled irrigation water-table well in sand. Highest water level 58.90 below lsd, Mar. 18, 1947; lowest 102.33 below lsd, Jan. 7, 1954. Records available: 1947-49, 1951-54. Jan. 7, 102.33.

728. R. C. Mitchell. Lat. 34°02', long. 101°27'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 300 feet. Highest water level 61.88 below lsd, Mar. 18, 1947; lowest 102.17 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 102.17.

729. Floyd Trowbridge. Lat. 33°55', long. 101°32'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 388 feet. Highest water level 75.41 below lsd, Mar. 18, 1947; lowest 96.93 below lsd, Jan. 6, 1954. Records available: 1947-49, 1951-54. Jan. 6, 96.93.

730. Raymond Williams. Lat. 33°57', long. 101°22'. Drilled irrigation water-table well in sand, depth 360 feet. Highest water level 108.83 below lsd, Mar. 17, 1947; lowest 134.73 below lsd, Feb. 18, 1950. Records available: 1947-54. Jan. 6, 133.80.

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7. C. C. Cardiff well 1. Lat. 29°44', long. 95°50'. Drilled stock artesian well in sand, diameter 24 to 6 inches, depth 337 feet. Highest water level 53.21 below lsd, Mar. 3, 1931; lowest 79.46 below lsd, Nov. 19, 1953. Records available: 1931, 1933, 1939-54. Mar. 15, 75.17.

11. P. V. Cook well 3. Lat. 29°45', long. 95°50'. Drilled irrigation artesian well in sand, diameter 28 to 12 inches, depth 170 feet. Highest water level 46.46 below lsd, Mar. 18, 1933; lowest 73.19 below lsd, Nov. 23, 1953. Records available: 1932-33, 1939-54. Mar. 15, 72.11.

15. P. V. Cook well 1. Lat. 29°44', long. 95°51'. Drilled irrigation artesian well in sand, diameter 24 to 10 inches, depth 172 feet. Highest water level 50.80 below lsd, May 15, 1931; lowest 78.22 below lsd, Nov. 19, 1952. Records available: 1931-33, 1939-52, 1954. Nov. 19, 1952, 78.22; Mar. 15, 1954, 77.56.

17. Mrs. H. L. Gordon. Lat. 29°42', long. 95°49'. Drilled irrigation artesian well in sand, diameter 24 to 8 inches, depth 586 feet. Highest water level 51.86 below lsd, Mar. 17, 1942; lowest 73.61 below lsd, Nov. 13, 1951. Records available: 1940-52. Measurement discontinued.

20. L. Pauli. Lat. 29°42', long. 95°47'. Drilled unused artesian well in sand, diameter 24 to 10 inches, depth 250 feet. Highest water level 34.00 below lsd, Mar. 18, 1933; lowest 64.65 below lsd, Nov. 13, 1951. Records available: 1931, 1933, 1939-53. No measurement made in 1954.

21. L. Pauli. Lat. 29°41', long. 95°48'. Drilled irrigation artesian well in sand, diameter 36 to 10 inches, depth 250 feet. Highest water level 39.40 below lsd, Mar. 24, 1931; lowest 69.18 below lsd, Nov. 21, 1952. Records available: 1931-33, 1939-54. Mar. 15, 61.98.

26. C. Pillot well 1. Lat. 29°41', long. 95°41'. Drilled unused artesian well in sand, diameter 26 to 12 inches, depth 657 feet. Highest water level 25.15 below lsd, Mar. 25, 1953; lowest 63.60 below lsd, May 20, 1949. Records available: 1939-54. Mar. 15, 42.06.

29. C. Pillot well 2. Lat. 29°41', long. 95°44'. Drilled irrigation artesian well in sand, diameter 20 to 14 inches, depth 500 feet, casing slotted opposite sands below 85. Highest water level 28.20 below lsd, Mar. 17, 1942; lowest 62.03 below lsd, Nov. 21, 1952. Records available: 1940-46, 1948-54. Mar. 29, 53.75.

30. B. Ray Woods well 2. Lat. 29°44', long. 95°55'. Drilled irrigation artesian well in sand, diameter 16 to 8 inches, depth 334 feet, casing slotted opposite sands below 74. Highest water level 64.23 below lsd, Mar. 24, 1947; lowest 78.01 below lsd, Nov. 21, 1952. Records available: 1940-54. Mar. 16, 77.76.

33. Earl McMillian. Lat. 29°45', long. 95°52'. Drilled irrigation artesian well in sand, diameter 15 inches, depth 346 feet. Highest water level 57.77 below lsd, Mar. 15, 1939; lowest 77.04 below lsd, Nov. 23, 1953. Records available: 1939-54. Mar. 15, 76.26.

75. Gulf Pipe Line Co. Lat. 29°34', long. 95°27'. Drilled industrial artesian well in sand, diameter 6 inches, depth 800 feet. Highest water level 44.89 below lsd, Mar. 13, 1939; lowest 127.83 below lsd, Dec. 17, 1954. Records available: 1938-54. Feb. 18, 117.67; June 25, 123.15; Dec. 17, 127.83.

77. Ansel & Brinkman. Lat. 29°36', long. 95°28'. Drilled irrigation artesian well in sand, diameter 18 inches, depth 800 feet, casing slotted below 240. Highest water level 47.0 below lsd, Apr. 9, 1945; lowest 106.09 below lsd, Dec. 17, 1954. Records available: 1945-54. Feb. 18, 96.31; Dec. 17, 106.09.

A-2. Southern Pacific Lines. Simonton. Lat. 29°40', long. 95°58'. Drilled unused artesian well in sand, diameter 6 inches, depth 300 feet. Highest water level 18.50 below lsd, May 14, 1947; lowest 39.06 below lsd, Aug. 2, 1954. Records available: 1947-54. Aug. 2, 39.06.

B-26. M. A. McDonald. Lat. 29°41', long. 95°48'. Drilled stock artesian well in sand, diameter 6 inches, depth 131 feet. Highest water level 47.05 below lsd, Apr. 18, 1947; lowest 93.74 below lsd, Aug. 29, 1951. Records available: 1947-54. Feb. 2, 66.18.

B-30. Mr. Settegast. Lat. 29°41', long. 95°46'. Drilled stock artesian well in sand, diameter 8 inches, depth 156 feet. Highest water level 36.79 below lsd, Mar. 17, 1942; lowest 91.41 below lsd, Aug. 29, 1951. Records available: 1941-42, 1949-54. Feb. 2, 61.91.

D-15. Humble Oil & Refining Co. Lat. 29°31', long. 95°28'. Drilled unused artesian well in sand, diameter 4 inches, depth 584 feet, screen 560-583. Highest water level 54.83 below lsd, May 15, 1947; lowest 78.2 below lsd, Jan. 16, 1953. Records available: 1947-53. No measurement made in 1954.

D-16. Julia Tague. Lat. 29°30', long. 95°27'. Drilled unused artesian well in sand, diameter 4 inches, depth 459 feet. Highest water level 35.19 below lsd, May 5, 1947; lowest 54.52 below lsd, Aug. 11, 1954. Records available: 1947-54. Feb. 24, 52.92; Aug. 11, 54.52.

D-22. Humble Oil & Refining Co. Lat. 29°32', long. 95°34'. Drilled unused artesian well in sand, diameter 4 inches, depth 720 feet, screen 426-446. Highest water level 40.93 below lsd, May 1, 1947; lowest 78.72 below lsd, Aug. 2, 1954. Records available: 1947-54. Jan. 20, 72.80; Aug. 2, 78.72.

E-2. A. E. Myers. Booth. Lat. 29°31', long. 95°39'. Drilled farm artesian well in sand, diameter 6 inches, depth 720 feet, screen 627-674. Highest water level 30.0 below lsd, Dec. 4, 1944; lowest 62.95 below lsd, July 20, 1953. Records available: 1944, 1947-54. Jan. 20, 62.92.

E-3. A. E. Myers. Booth. Lat. 29°31', long. 95°39'. Drilled unused artesian well in sand, diameter 4 inches, depth 300 feet. Highest water level 24.47 below lsd, Dec. 30, 1948; lowest 45.70 below lsd, Aug. 3, 1954. Records available: 1947-54. Jan. 20, 42.05; Aug. 3, 45.70.

E-9. Humble Oil & Refining Co. Lat. 29°33', long. 95°36'. Drilled unused artesian well in sand, diameter 5 inches, depth 484 feet, screen 453-478. Highest water level 33.67 below lsd, May 1, 1947; lowest 69.02 below lsd, Aug. 2, 1954. Records available: 1947-54. Jan. 20, 63.09; Aug. 2, 69.02.

E-10. Humble Oil & Refining Co. Lat. 29°36', long. 95°36'. Drilled unused artesian well in sand, diameter 5 inches, depth 671 feet. Highest water level 38.30 below lsd, May 1, 1947; lowest 76.36 below lsd, Aug. 2, 1954. Records available: 1947-54. Jan. 20, 68.23; Aug. 2, 76.36.

E-11. Humble Oil & Refining Co. Lat. 29°33', long. 95°35'. Drilled unused artesian well in sand, diameter 6 inches, depth 716 feet, screen 671-715. Highest water level 40.36 below lsd, May 1, 1947; lowest 78.48 below lsd, Aug. 2, 1954. Records available: 1947-54. Jan. 20, 71.86; Aug. 2, 78.48.

F-37. Cockburn Oil Co. Lat. 29°31', long. 95°51'. Drilled unused artesian well in sand, diameter 4 inches, depth 243 feet. Highest water level 36.71 below lsd, Apr. 28, 1947; lowest 46.16 below lsd, Aug. 6, 1952. Records available: 1947-54. Feb. 2, 41.30; Aug. 3, 41.89.

F-48. W. L. Ansel well 1. Lat. 29°35', long. 95°54'. Drilled irrigation artesian well in sand, diameter 18 inches, depth 445 feet, casing slotted below 90. Highest water level 42.93 below lsd, Apr. 24, 1947; lowest 50.34 below lsd, Jan. 15, 1952. Records available: 1947-48, 1950-53. No measurement made in 1954.

F-50. W. L. Ansel well 2. Lat. 29°36', long. 95°54'. Drilled irrigation artesian well in sand, diameter 18 inches, depth 438 feet, casing slotted below 91. Highest water level 43.66 below lsd, Apr. 24, 1947; lowest 54.26 below lsd, Aug. 2, 1954. Records available: 1947-54. Feb. 2, 51.67; Aug. 2, 54.26.

G-25. Gulf Oil Corp. Lat. 29°33', long. 95°56'. Drilled unused artesian well in sand, diameter 6 inches, depth 173 feet. Highest water level 32.23 below lsd, May 21, 1947; lowest 36.52 below lsd, Aug. 2, 1954. Records available: 1947, 1949-54. Feb. 2, 35.03; Aug. 2, 36.52.

H-16. Jack Wendt well 1. Lat. 29°25', long. 95°56'. Drilled irrigation artesian well in sand, diameter 18 inches, depth 397 feet, casing slotted below 112. Highest water level 22.26 below lsd, Apr. 14, 1947; lowest 36.11 below lsd, Aug. 6, 1952. Records available: 1947-52, 1954. Feb. 2, 30.33.

I-15. Gulf Oil Corp. Lat. 29°28', long. 95°45'. Drilled unused artesian well in sand, diameter 6 inches, depth 86 feet. Highest water level 9.24 below lsd, Apr. 30, 1947; lowest 19.71 below lsd, Aug. 3, 1954. Records available: 1947-54. Jan. 20, 18.09; Aug. 3, 19.71.

I-16. Gulf Oil Corp. Lat. 29°28', long. 95°45'. Drilled industrial artesian well in sand, diameter 6 inches, depth 180 feet. Highest water level 13.95 below lsd, Apr. 30, 1947; lowest 19.60 below lsd, Aug. 3, 1954. Records available: 1947-54. Jan. 20, 18.84; Aug. 3, 19.60.

I-22. Walter Gless. Lat. 29°25', long. 95°45'. Drilled irrigation artesian well in sand, diameter 18 inches, depth 636 feet, casing slotted below 85. Highest water level 11.67 below lsd, Apr. 24, 1947; lowest 42.03 below lsd, Aug. 28, 1951. Records available: 1947-48, 1950-54. Feb. 2, 32.21.

I-24. C. A. Danklefs well 1. Lat. 29°22', long. 95°45'. Drilled irrigation artesian well in sand, diameter 20 inches, depth 545 feet, casing slotted below 65. Highest water level 21.14 below lsd, Mar. 4, 1948; lowest 43.53 below lsd, Sept. 2, 1949. Records available: 1948-54. Feb. 2, 29.17.

I-25. C. A. Danklefs well 2. Lat. 29°22', long. 95°45'. Drilled irrigation artesian well in sand, diameter 20 inches, depth 556 feet, casing slotted below 64. Highest water level 21.19 below lsd, Mar. 4, 1948; lowest 43.72 below lsd, Sept. 2, 1949. Records available: 1944, 1948-54. Feb. 2, 26.78.

J-9. Cecil Hagen. Lat. 29°28', long. 95°35'. Drilled unused artesian well in sand, diameter 4 inches, depth 307 feet. Highest water level 12.55 below lsd, Apr. 29, 1947; lowest 28.94 below lsd, Aug. 3, 1954. Records available: 1947-54. Feb. 2, 26.82; Aug. 3, 28.94.

K-2. The Texas Co. Lat. 29°28', long. 95°34'. Drilled domestic artesian well in sand, diameter 6 inches, depth 600 feet. Highest water level 9.0 below lsd, 1940; lowest 45.27 below lsd, Jan. 20, 1954. Records available: 1940, 1947-51, 1953-54. Jan. 20, 45.27.

K-3. Houston Oilfield Equipment Co. Lat. 29°28', long. 95°34'. Drilled unused artesian well in sand, diameter 5 inches, depth 150 feet. Highest water level 16.20 below lsd, Apr. 29, 1947; lowest 33.70 below lsd, Aug. 3, 1954. Records available: 1947-54. Jan. 20, 31.54; Aug. 3, 33.70.

L-3. Owner unknown. Lat. 29°18', long. 95°39'. Drilled domestic artesian well in sand, diameter 6 inches, depth 200 feet. Highest water level 16.06 below lsd, May 21, 1947; lowest 56.48 below lsd, Aug. 3, 1954. Records available: 1947, 1949-54. Feb. 2, 34.45; Aug. 3, 56.48.

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2. Carrol Cobb. SW $\frac{1}{4}$ sec. 20, blk. A21. Lat. 32°36', long. 102°38'. Drilled stock water-table well in sand, diameter 8 inches, depth 100 feet, cased to 100, perforations 50-100. Highest water level 54.79 below lsd, Jan. 26, 1951; lowest 56.55 below lsd, Apr. 27, 1938. Records available: 1937-38, 1940-41, 1943, 1949-54. Jan. 13, 55.62.

6a. Andrew Fasken. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 160, blk. G. Lat. 32°40', long. 102°36'. Drilled stock water-table well in sand, diameter 5 inches, depth 160 feet. Highest water level 40.67 below lsd, Apr. 27, 1938; lowest 45.72 below lsd, Jan. 12, 1954. Records available: 1938-40, 1943, 1949-54. Jan. 12, 45.72.

Galveston County

16. Cecil Brown. Friendswood. Lat. 29°31', long. 95°12'. Drilled industrial artesian well in sand, diameter 6 to 4 inches, depth 562 feet, screen 516-547. Highest water level 53.04 below lsd, Feb. 15, 1939; lowest 127.01 below lsd, Nov. 18, 1954. Records available: 1939-41, 1943-44, 1947-54. May 4, 119.96; Nov. 18, 127.01.

17. Old Friendswood School. Friendswood. Lat. 29°31', long. 95°11'. Drilled unused artesian well in sand, diameter 4 to 2 $\frac{1}{2}$ inches, depth 440 feet. Highest water level 60.84 below lsd, Apr. 22, 1941; lowest 117.35 below lsd, Nov. 7, 1952. Records available: 1941-42, 1944-53. Measurement discontinued.

28. Galveston, Houston & Henderson RR. League City. Lat. 29°30', long. 95°05'. Drilled unused artesian well in sand, diameter 4 inches, depth 560 feet. Highest water level 47.66 below lsd, Apr. 7, 1939; lowest 113.93 below lsd, May 4, 1954. Records available: 1931-33, 1939-54. May 4, 113.93; Nov. 18, 112.22.

29. Emil Schenk. League City. Lat. 29°30', long. 95°05'. Drilled unused artesian well in sand, diameter 3 inches, depth 575 feet. Highest water level 47.35 below lsd, Mar. 14, 1939; lowest 114.23 below lsd, May 4, 1954. Records available: 1939, 1941-42, 1944-54. May 4, 114.23; Nov. 18, 112.45.
42. J. Freund. Kemah. Lat. 29°32', long. 95°00'. Drilled unused artesian well in sand, diameter 2 inches, depth 500 feet. Highest water level 31.57 below lsd, Mar. 22, 1939; lowest 94.74 below lsd, Nov. 18, 1954. Records available: 1939-54. May 4, 89.98; Nov. 18, 94.74.
60. Dr. C. A. Davis. Lat. 29°32', long. 95°09'. Drilled domestic artesian well in sand, diameter 4 to 2 inches, depth 570 feet, cased to 570. Highest water level 42.15 below lsd, Mar. 16, 1939; lowest 112.00 below lsd, Nov. 17, 1952. Records available: 1939, 1941-42, 1944-52. Measurement discontinued.
81. J. M. West. Lat. 29°29', long. 95°10'. Drilled stock artesian well in sand, diameter 6 inches, depth 600 feet. Highest water level 32.9 below lsd, Oct. 11, 1931; lowest 115.75 below lsd, May 4, 1954. Records available: 1931, 1939, 1941, 1944-54. May 4, 115.75.
89. P. V. Leavenworth. Lat. 29°29', long. 95°08'. Drilled stock artesian well in sand, diameter 4 inches, depth 600 feet. Highest water level 51.53 below lsd, July 23, 1941; lowest 98.11 below lsd, Nov. 2, 1953. Records available: 1941-42, 1944-54. May 4, 98.10.
115. J. W. Palmer. Lat. 29°26', long. 95°01'. Drilled unused artesian well in sand, diameter 4 inches, depth 526 feet. Highest water level 15.20 below lsd, Mar. 14, 1933; lowest 82.16 below lsd, Nov. 19, 1954. Records available: 1932-33, 1935-54. May 5, 78.51; Nov. 19, 82.16.
130. Dr. Patton. Lat. 29°28', long. 95°05'. Drilled unused artesian well in sand, diameter 5 inches, depth 680 feet. Highest water level 49.17 below lsd, Mar. 24, 1939; lowest 89.44 below lsd, Nov. 2, 1953. Records available: 1939, 1941, 1945-53. No measurement made in 1954.
162. D. C. Richards. Lat. 29°29', long. 94°56'. Drilled farm artesian well in sand, diameter 4 inches, depth 665 feet. Highest water level 45.09 below lsd, July 26, 1941; lowest 89.33 below lsd, Nov. 19, 1954. Records available: 1941-42, 1944-54. May 5, 85.38; Nov. 19, 89.36.
195. Pan-American Production Co. Lat. 29°24', long. 94°58'. Drilled industrial artesian well in sand, diameter 7 inches, depth 641 feet, screen 599-640. Highest water level 42.32 below lsd, Sept. 15, 1939; lowest 102.70 below lsd, Oct. 5, 1948. Records available: 1939, 1941-54. May 7, 95.14; Nov. 22, 98.66.
205. Galveston, Houston & Henderson RR. La Marque. Lat. 29°22', long. 94°58'. Drilled industrial artesian well in sand, diameter 9 inches, depth 914 feet, screen 873-914. Highest water level 4.2 below lsd, Apr. 15, 1931; lowest 102.75 below lsd, May 20, 1948. Records available: 1931, 1939, 1941-54. May 14, 76.96; Nov. 23, 79.73.
243. Stone Oil Co. Texas City. Lat. 29°22', long. 94°54'. Drilled industrial artesian well in sand, diameter 16 to 8 inches, depth 801 feet, screens opposite sands between 486 and 785. Highest water level 61.27 below lsd, Dec. 14, 1940; lowest 144.62 below lsd, May 6, 1949. Records available: 1939-42, 1944, 1946-54. May 13, 117.30; Nov. 23, 115.87.
351. R. S. Wesmorland. Lat. 29°20', long. 94°59'. Drilled unused artesian well in sand, diameter 6 to 4 inches, depth 533 feet, screen 493-533. Highest water level 23.72 below lsd, Apr. 25, 1939; lowest 85.51 below lsd, May 6, 1954. Records available: 1939, 1941, 1944-54. May 6, 85.51.
382. Maco Stewart. Lat. 29°20', long. 94°57'. Drilled unused artesian well in sand, diameter 8 to 6 inches, depth 794 feet, screen 753-794. Highest water level 24.23 below lsd, Jan. 25, 1939; lowest 84.93 below lsd, May 24, 1948. Records available: 1939, 1941, 1944-54. May 6, 68.33; Nov. 22, 72.29.
392. Sun Oil Co. and J. D. Hughes. Lat. 29°16', long. 95°03'. Drilled unused artesian well in sand, diameter 7 to 4 inches, depth 869 feet, screens opposite sands between 458 and 867. Highest water level 44.53 below lsd, Apr. 19, 1944; lowest 62.27 below lsd, Oct. 7, 1948. Records available: 1939, 1941, 1944-54. May 6, 57.91; Nov. 22, 61.59.
396. Sun Oil Co. and Houston Farms & Development Co. Lat. 29°16', long. 95°01'. Drilled stock artesian well in sand, diameter 7 to 5 inches, depth 923 feet, screens 804-827, 873-923. Highest water level 11.28 below lsd, Jan. 16, 1939; lowest 60.90 below lsd, Oct. 7, 1948. Records available: 1939, 1941-42, 1948-49, 1951-54. May 6, 57.28; Nov. 22, 60.31.

475. H. W. Thompson. Lat. 29°31', long. 95°05'. Drilled unused artesian well in sand, diameter 6 inches, depth 550 feet. Highest water level 44.98 below lsd, Mar. 13, 1939; lowest 107.57 below lsd, Nov. 2, 1953. Records available: 1939, 1941, 1944-53. No measurement made in 1954.

482. Mrs. Anna Varnell. League City. Lat. 29°30', long. 95°05'. Drilled domestic artesian well in sand, diameter 4 inches, depth 500 feet. Highest water level 47.3 below lsd, Mar. 13, 1939; lowest 113.93 below lsd, May 4, 1954. Records available: 1939, 1941, 1944-54. May 4, 113.93; Nov. 18, 112.12.

566. Stanolind Oil & Gas Co. Lat. 29°27', long. 95°00'. Drilled unused artesian well in sand, diameter 4 inches, depth 615 feet. Highest water level 43.26 below lsd, Mar. 23, 1939; lowest 89.16 below lsd, Nov. 6, 1952. Records available: 1939, 1941-42, 1944-53. No measurement made in 1954.

570. C. L. Dobbins. Lat. 29°27', long. 95°01'. Drilled farm artesian well in sand, diameter 6 inches, depth 1,167 feet, screens opposite sands between 483 and 923. Highest water level 46.82 below lsd, July 28, 1941; lowest 91.44 below lsd, Nov. 19, 1954. Records available: 1941, 1944-54. May 4, 87.95; Nov. 19, 91.44.

678. Galveston city well 17-N. Lat. 29°22', long. 95°04'. Drilled unused artesian well in sand, diameter 7 inches, depth 790 feet, screen 753-793. Highest water level 26 above lsd, 1893; lowest 109.65 below lsd, May 21, 1948. Records available: 1893, 1907, 1913, 1939, 1941-54. May 11, 103.38. Measurement discontinued.

688. Galveston City test well 1. Lat. 29°22', long. 95°04'. Drilled observation artesian well in sand, diameter 4 inches, depth 1,066 feet, screen 864-874. Highest water level 68.93 below lsd, Mar. 15, 1941; lowest 111.85 below lsd, May 21, 1948. Records available: 1941-54. May 11, 107.62; Nov. 29, 109.87.

689. City of Galveston test well 2. Lat. 29°23', long. 95°06'. Drilled observation artesian well in sand, diameter 4 inches, depth 1,221 feet, cased to 850, screen 850-870. Highest water level 55.9 below lsd, June 16, 1941; lowest 120.6 below lsd, Sept. 24, 1954. Records available: 1941-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	110.0	109.3	108.7	110.0	110.5	111.3	115.5	118.5	120.1	120.4	118.5	117.5
2	110.0	109.3	108.7	110.0	110.5	111.4	115.7	118.5	120.0	120.4	118.5	117.5
3	110.0	109.2	108.7	110.0	110.5	111.5	115.8	118.6	120.0	120.3	118.3	117.4
4	110.0	109.2	108.9	110.1	110.6	111.7	116.0	118.7	120.0	120.3	118.3	117.4
5	109.9	109.2	108.9	110.1	110.6	111.8	116.1	118.7	120.0	120.2	118.3	117.4
6	110.0	109.2	108.8	110.1	110.6	111.9	116.1	118.8	120.0	120.2	118.3	117.4
7	110.0	109.2	108.8	110.1	110.6	112.0	116.1	118.8	120.1	120.2	118.3	117.2
8	110.0	109.2	108.8	110.1	110.7	112.2	116.2	118.9	120.1	120.1	118.3	117.2
9	109.9	109.1	108.8	110.1	110.7	112.4	116.3	119.0	120.1	120.0	118.3	117.2
10	109.9	109.0	108.8	110.1	110.8	112.5	116.3	119.1	120.2	119.8	118.3	117.0
11	109.9	109.0	108.8	110.2	110.8	112.6	116.4	119.2	120.2	119.8	.....	116.9
12	110.0	109.0	108.8	110.2	110.7	112.8	116.4	119.3	120.3	119.7	.....	116.9
13	109.9	109.1	108.9	110.2	110.7	112.9	116.6	119.4	120.4	119.6	.....	116.7
14	109.8	109.0	109.0	110.2	110.9	113.0	116.6	119.5	120.4	119.6	.....	116.6
15	109.7	109.0	109.1	110.1	110.9	113.2	116.7	119.6	120.3	119.6	.....	116.6
16	109.7	108.9	109.2	110.2	111.0	113.3	116.8	119.7	120.3	119.5	.....	116.5
17	109.7	109.0	109.2	110.2	111.0	113.5	117.0	119.8	120.3	119.5	.....	116.5
18	109.7	108.9	109.2	110.2	111.0	113.6	117.1	119.8	120.4	119.4	.....	116.4
19	109.6	108.9	109.2	110.2	111.0	113.8	117.2	119.9	120.4	119.3	.....	116.4
20	109.6	108.8	109.2	110.3	111.0	113.9	117.3	120.0	120.4	119.3	.....	116.2
21	109.6	108.9	109.3	110.3	111.0	114.0	117.4	120.1	120.5	119.3	.....	116.0
22	109.6	108.9	109.4	110.3	110.9	114.2	117.5	120.1	120.5	119.0	117.8	116.0
23	109.5	108.9	109.4	110.3	110.9	114.3	117.6	120.2	120.5	118.9	117.7	115.9
24	109.5	108.8	109.4	110.3	110.9	114.4	117.7	120.2	120.6	118.8	117.7	115.9
25	109.5	108.7	109.5	110.4	110.8	114.7	117.8	120.3	120.5	118.8	117.7	115.8
26	109.4	108.6	109.6	110.4	110.8	114.8	118.0	120.3	120.5	118.8	117.6	115.7
27	109.4	108.6	109.6	110.4	110.8	115.0	118.0	120.3	120.5	118.7	117.5	115.6
28	109.4	108.7	109.7	110.4	110.8	115.1	118.1	120.3	120.5	118.6	117.5	115.6
29	109.4	109.7	110.4	110.9	115.3	118.2	120.2	120.5	118.6	117.6	115.6	115.6
30	109.4	109.8	110.5	111.1	115.4	118.3	120.1	120.5	118.5	117.6	115.5	115.5
31	109.4	109.9	112.2	112.2	112.2	118.4	120.1	118.5	117.6	115.4	115.4	115.4

691. City of Galveston test well 3-A. Hitchcock. Lat. 29°20', long. 95°01'. Drilled observation artesian well in sand, diameter 2 inches, depth 940 feet, screen 930-940. Highest water level 42.07 below lsd, Mar. 14, 1941; lowest 87.82 below lsd, May 21, 1948. Records available: 1941-54. May 11, 74.80; Nov. 22, 81.33.

699. Pure Oil Co. Lat. 29°25', long. 95°00'. Drilled industrial artesian well in sand, diameter 6 inches, depth 672 feet, screen 641-671. Highest water level 55.42 below lsd, Aug. 8, 1941; lowest 101.68 below lsd, May 5, 1949. Records available: 1941-42, 1944-54. May 14, 98.92.

700. Chester Eignus. Lat. 29°31', long. 95°12'. Drilled unused artesian well in sand, diameter 4 inches, depth 425 feet. Highest water level 60.18 below lsd, July 21, 1941; lowest 125.43 below lsd, Nov. 18, 1954. Records available: 1941-42, 1944-54. May 4, 119.96; Nov. 18, 125.43.

709. Phillips Petroleum Co. Lat. 29°08', long. 95°07'. Drilled unused artesian well in sand, diameter 6 inches, depth 700 feet. Highest water level 48.98 below lsd, Aug. 2, 1941; lowest 89.87 below lsd, May 4, 1954. Records available: 1941-42, 1944-54. May 4, 89.87.

710. Stanolind Oil & Gas Co. Lat. 29°19', long. 95°11'. Drilled unused artesian well in sand, diameter 4 inches, depth 744 feet, screen 701-744. Highest water level 48.48 below lsd, July 23, 1941; lowest 86.03 below lsd, Nov. 22, 1954. Records available: 1941-42, 1944-54. May 6, 82.24; Nov. 22, 86.03.

787. City of Galveston test well 8-11. Lat. 29°25', long. 95°08'. Drilled observation artesian well in sand, diameter 4 inches, depth 677 feet, screen 667-677. Highest water level 54.16 below lsd, May 27, 1942; lowest 121.82 below lsd, Sept. 24, 1954. Records available: 1942-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	107.89	Apr. 26	110.71	July 26	120.33	Oct. 25	118.14
Feb. 24	107.09	May 21	110.64	Aug. 24	121.71	Nov. 24	116.96
Mar. 24	108.55	June 24	117.03	Sept. 24	121.82	Dec. 20	115.09

Hale County

15. S. C. Hutchinson. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, blk. S1. Lat. 34°15', long. 101°56'. Drilled unused water-table well in sand, diameter 16 inches, depth 100 feet. Highest water level 57.30 below lsd, Aug. 19, 1937; lowest 80.37 below lsd, Jan. 9, 1954. Records available: 1937, 1941-54. Jan. 9, 80.37.

36. G. D. Lewellen. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, blk. O6. Lat. 34°12', long. 101°58'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 202 feet. Highest water level 76.88 below lsd, Jan. 6, 1938; lowest 109.01 below lsd, Dec. 21, 1954. Records available: 1936-38, 1941-50, 1952-54. Jan. 10, 102.98; Dec. 21, 109.01.

68. Tom Bostic. E $\frac{1}{2}$ SE $\frac{1}{4}$ sec. 23, blk. S1. Lat. 34°15', long. 102°01'. Drilled irrigation water-table well in sand, diameter 15 to 10 inches, depth 155 feet. Highest water level 66.90 below lsd, Sept. 26, 1939; lowest 87.25 below lsd, Jan. 4, 1954. Records available: 1939, 1947-49, 1951-54. Jan. 4, 87.25.

70. Tom Bostic. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, blk. S1. Lat. 34°18', long. 102°00'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 161 feet. Highest water level 66.63 below lsd, Mar. 12, 1947; lowest 87.70 below lsd, Dec. 21, 1954. Records available: 1947-49, 1951-54. Jan. 9, 82.50; Dec. 21, 87.70.

81. S. E. Curry. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 51, blk. K. Lat. 34°19', long. 101°56'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 202 feet, slotted 52-202. Highest water level 59.37 below lsd, Feb. 19, 1945; lowest 82.44 below lsd, Jan. 4, 1954. Records available: 1945-54. Jan. 4, 82.44.

86. R. V. Craig. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, blk. O6. Lat. 34°13', long. 101°58'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 224 feet, slotted 64-224. Highest water level 80.76 below lsd, Mar. 12, 1947; lowest 103.62 below lsd, Jan. 10, 1954. Records available: 1947-50, 1952-54. Jan. 10, 103.62.

93. R. A. McAlister. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, blk. O6. Lat. 34°14', long. 101°59'. Drilled irrigation water-table well in sand, diameter 16 to 14 inches, depth 196 feet. Highest water level 85.95 below lsd, Mar. 12, 1947; lowest 115.17 below lsd, Dec. 21, 1954. Records available: 1947-54. Jan. 10, 108.78; Dec. 21, 115.17.

103. Carl Meyer. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, blk. C4. Lat. 34°17', long. 101°53'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 202 feet, cased to 60. Highest water level 44.33 below lsd, Jan. 27, 1943; lowest 65.90 below lsd, Jan. 4, 1954. Records available: 1936-54. Jan. 4, 65.90.

104. W. A. Painter. Center SE $\frac{1}{4}$ sec. 31, blk. S1. Lat. 34°16', long. 101°52'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 186 feet, cased to 120. Highest water level 53.88 below lsd, Mar. 12, 1947; lowest 71.60 below lsd, Jan. 5, 1954. Records available: 1947-50, 1952-54. Jan. 5, 71.60.
105. Texas Land & Development Co. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, blk. S1. Lat. 34°15', long. 101°51'. Drilled irrigation water-table well in sand, diameter 24 to 13 inches, depth 290 feet, cased to 282, slotted 104-282. Highest water level 48.80 below lsd, Apr. 18, 1934, Jan. 27, 1943; lowest 75.02 below lsd, Jan. 4, 1954. Records available: 1934, 1937-46, 1948-54. Jan. 4, 75.02.
138. W. A. Painter. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 31, blk. S1. Lat. 34°17', long. 101°52'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet. Highest water level 50.02 below lsd, Mar. 12, 1947; lowest 65.74 below lsd, Jan. 4, 1954. Records available: 1947-49, 1951-54. Jan. 4, 65.74.
154. W. H. Smith. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, blk. JK. Lat. 34°12', long. 101°55'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 238 feet, cased to 238, screen 64-238. Highest water level 68.56 below lsd, Mar. 21, 1947; lowest 85.00 below lsd, Jan. 9, 1954. Records available: 1947-49, 1951-54. Jan. 9, 85.00.
163. S. E. Curry. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, blk. JK. Lat. 34°14', long. 101°50'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 182 feet. Highest water level 48.06 below lsd, Mar. 26, 1943; lowest 77.48 below lsd, Jan. 4, 1954. Records available: 1943-47, 1949-54. Jan. 4, 77.48.
164. S. E. Curry. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, blk. JK. Lat. 34°14', long. 101°50'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 172 feet. Highest water level 50.70 below lsd, Mar. 17, 1940; lowest 83.12 below lsd, Jan. 4, 1954. Records available: 1940, 1943-54. Jan. 4, 83.12.
165. A. B. Tarwater. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, blk. JK. Lat. 34°14', long. 101°50'. Drilled irrigation water-table well in sand, depth 240 feet. Highest water level 51.70 below lsd, Mar. 26, 1943; lowest 80.77 below lsd, Jan. 5, 1954. Records available: 1939, 1943-50, 1952-54. Jan. 5, 80.77.
202. Texas Land & Development Co. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, blk. C3. Lat. 34°19', long. 101°46'. Drilled irrigation water-table well in sand, diameter 26 to 13 inches, depth 256 feet. Highest water level 60.50 below lsd, Apr. 29, 1916; lowest 97.00 below lsd, Jan. 5, 1954. Records available: 1916, 1934, 1936-39, 1942-50, 1952-54. Jan. 5, 97.00.
206. Texas Land & Development Co. Lat. 34°19', long. 101°44'. Drilled irrigation water-table well in sand, diameter 26 to 13 inches, depth 165. Highest water level 62.0 below lsd, Sept. 8, 1916; lowest 104.23 below lsd, Oct. 21, 1954. Records available: 1916, 1936-49, 1951-54. Jan. 5, 98.35; Oct. 21, 104.23.
208. Texas Land & Development Co. Lat. 34°19', long. 101°43'. Drilled irrigation well in sand, diameter 26 to 13 inches, depth 265 feet. Highest water level 54.7 below lsd, Jan. 6, 1916; lowest 91.03 below lsd, Oct. 21, 1954. Records available: 1916, 1936-54. Oct. 21, 91.03.
210. Dr. M. Howell. NW $\frac{1}{4}$ D. R. McVicker survey. Lat. 34°19', long. 101°43'. Drilled irrigation water-table well in sand, diameter 24 inches, depth 206 feet. Highest water level 62.06 below lsd, May 7, 1936; lowest 99.51 below lsd, Oct. 21, 1954. Records available: 1936-54. Jan. 5, 92.61; Oct. 21, 99.51.
212. Ray Smith. Lat. 34°19', long. 101°42'. Drilled irrigation water-table well in sand, diameter 24 to 13 inches, depth 171 feet. Highest water level 51.5 below lsd, Sept. 12, 1914; lowest 86.71 below lsd, Jan. 5, 1954. Records available: 1914, 1938-54. Jan. 5, 86.71.
219. J. C. Pace. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, JK3. Lat. 34°17', long. 101°45'. Drilled irrigation water-table well in sand, diameter 24 inches, depth 251 feet. Highest water level 53.5 below lsd, Apr. 6, 1916; lowest 101.99 below lsd, Dec. 8, 1954. Records available: 1916, 1947-54. Dec. 8, 101.99.
220. W. M. Toliver. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, blk. JK3. Lat. 34°16', long. 101°44'. Drilled irrigation water-table well in sand, diameter 26 to 13 inches, depth 252 feet. Highest water level 46.0 below lsd, July 7, 1916; lowest 91.88 below lsd, Dec. 8, 1954. Records available: 1916, 1934, 1937-45, 1947-54. Jan. 5, 89.85; Dec. 8, 91.88.
225. M. L. Monroe. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, blk. C3. Lat. 34°17', long. 101°46'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 212 feet. Highest water level 62.07 below lsd, Mar. 13, 1947; lowest 96.33 below lsd, Dec. 8, 1954. Records available: 1947-49, 1951-54. Jan. 5, 89.07; Dec. 8, 96.33.

232. R. Carter. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, blk. JK3. Lat. 34°14', long. 101°45'. Drilled irrigation water-table well in sand, diameter 26 inches. Highest water level 38.08 below lsd, 1914; lowest 97.62 below lsd, Jan. 5, 1954. Records available: 1914, 1936-41, 1943-50, 1952-54. Jan. 5, 97.62.

238. Dr. McKinley Howell. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, blk. JK3. Lat. 34°14', long. 101°44'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 180 feet. Highest water level 42.0 below lsd, 1914; lowest 89.21 below lsd, Dec. 8, 1954. Records available: 1914, 1936-54. Jan. 5, 84.05; Dec. 8, 89.21.

241. S. Simpson. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, blk. JK2. Lat. 34°13', long. 101°43'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 198 feet, slotted casing 44-124. Highest water level 47.86 below lsd, Sept. 14, 1937; lowest 97.77 below lsd, Dec. 9, 1954. Records available: 1937, 1947-49, 1951-54. Jan. 4, 88.30; Dec. 9, 97.77.

255. C. H. Slaton. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, blk. JK2. Lat. 34°11', long. 101°47'. Drilled irrigation water-table well in sand, depth 72 feet. Highest water level 20.0 below lsd, 1910; lowest 51.19 below lsd, Jan. 4, 1954. Records available: 1910, 1914, 1937-49, 1951-54. Jan. 4, 51.19. Measurement discontinued.

259. C. J. Ebeling. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, blk. JK2. Lat. 34°11', long. 101°49'. Drilled irrigation water-table well in sand, depth 85 feet. Highest water level 13.32 below lsd, Nov. 13, 1941; lowest 55.12 below lsd, Dec. 9, 1954. Records available: 1914, 1936-49, 1951-54. Jan. 4, 49.55; Dec. 9, 55.12.

305. T. H. Ringwald. Lat. 34°19', long. 101°41'. Drilled unused irrigation water-table well in sand, diameter 24 to 13 inches, depth 272 feet. Highest water level 47.0 below lsd, Apr. 2, 1917; lowest 104.00 below lsd, Dec. 7, 1954. Records available: 1917, 1937-54. Jan. 5, 98.18; Dec. 7, 104.00.

316. Homer Rook. NW $\frac{1}{4}$ S. D. Lemaster survey. Lat. 34°18', long. 101°40'. Drilled irrigation water-table well in sand. Highest water level 46.70 below lsd, Apr. 23, 1936; lowest 77.91 below lsd, Jan. 5, 1954. Records available: 1936-54. Jan. 5, 77.91.

317a. Henry Duncan. NE $\frac{1}{4}$ J. F. Owens survey. Lat. 34°18', long. 101°40'. Drilled irrigation water-table well in sand. Highest water level 60.68 below lsd, Feb. 21, 1948; lowest 77.01 below lsd, Jan. 5, 1954. Records available: 1948-54. Jan. 5, 77.01.

330a. E. H. Cox. NE $\frac{1}{4}$ J. M. Martin survey. Lat. 34°14', long. 101°39'. Drilled irrigation water-table well in sand. Highest water level 57.00 below lsd, Feb. 21, 1948; lowest 85.93 below lsd, Dec. 15, 1954. Records available: 1948-54. Jan. 5, 78.97; Dec. 15, 85.93.

332. J. E. Rigler. SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 112, blk. D2. Lat. 34°14', long. 101°36'. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 210 feet. Highest water level 53.60 below lsd, Mar. 13, 1947; lowest 80.60 below lsd, Jan. 6, 1954. Records available: 1947-50, 1952-54. Jan. 6, 80.60.

334. P. I. Williams. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 131, blk. D2. Lat. 34°16', long. 101°36'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 219 feet, slotted casing 0-219. Highest water level 62.33 below lsd, Mar. 19, 1947; lowest 91.48 below lsd, Nov. 16, 1954. Records available: 1947-54. Jan. 6, 83.45; Nov. 16, 91.48.

338. Dr. J. H. Stewart. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 110, blk. D2. Lat. 34°14', long. 101°34'. Drilled irrigation water-table well in sand, depth 222 feet. Highest water level 41.96 below lsd, 1914; lowest 79.97 below lsd, Dec. 15, 1954. Records available: 1914, 1936-50, 1952-54. Dec. 15, 79.97.

370. D. A. Reading. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, blk. D4. Lat. 34°13', long. 101°40'. Drilled irrigation water-table well in sand, diameter 8 inches. Highest water level 42.25 below lsd, Mar. 12, 1938; lowest 86.84 below lsd, Dec. 15, 1954. Records available: 1937-50, 1952-54. Jan. 5, 76.91; Dec. 15, 86.84.

407a. City of Plainview. Lat. 34°10', long. 101°41'. Drilled water-table well in sand, diameter 8 inches, depth 150 feet. Highest water level 41.86 below lsd, June 28, 1949; lowest 68.80 below lsd, Nov. 22, 1954. Records available: 1949-54. Jan. 5, 62.83; Jan. 6, 62.72; Jan. 7, 62.69; Jan. 8, 62.69; Nov. 22, 68.80.

427. C. M. Smith. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, blk. D5. Lat. 34°09', long. 101°34'. Drilled irrigation water-table well in sand. Highest water level 41.0 below lsd, 1914; lowest 96.00 below lsd, Dec. 14, 1954. Records available: 1914, 1936-50, 1952-54. Jan. 6, 87.96; Dec. 14, 96.00.

428. W. L. Cross. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, blk. D5. Lat. 34°09', long. 101°34'. Drilled observation water-table well in sand, diameter 24 inches. Highest water level 45.31 below lsd, Mar. 10, 1936; lowest 94.25 below lsd, Sept. 2, 1953. Records available: 1936-54. Jan. 6, 88.99. Measurement discontinued.

433a. Lizzie B. Morris. SW. cor. sec. 37, blk. D6. Lat. 34°07', long. 101°35'. Drilled farm water-table well in sand. Highest water level 6.47 below lsd, Nov. 21, 1941; lowest 54.62 below lsd, Jan. 6, 1954. Records available: 1938-54. Jan. 6, 54.62. Measurement discontinued.

436. I. B. Rankin. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, blk. D6. Lat. 34°07', long. 101°37'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 293 feet. Highest water level 50.30 below lsd, Jan. 4, 1936; lowest 104.81 below lsd, Dec. 14, 1954. Records available: 1936-54. Jan. 6, 96.14; Dec. 14, 104.81.

449. G. A. Benefield. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. D7. Lat. 34°06', long. 101°43'. Drilled irrigation water-table well in sand. Highest water level 57.5 below lsd, 1914; lowest 89.04 below lsd, Jan. 8, 1954. Records available: 1914, 1936-54. Jan. 8, 89.04.

454. R. L. Powell. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, blk. N. Lat. 34°06', long. 101°33'. Drilled irrigation water-table well in sand, diameter 24 to 16 inches, depth 265 feet. Highest water level 47.6 below lsd, June 27, 1914; lowest 115.37 below lsd, Dec. 14, 1954. Records available: 1914, 1937-41, 1943-54. Jan. 6, 101.44; Dec. 14, 115.37.

462. R. E. Keniston. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, blk. N. Lat. 34°05', long. 101°34'. Drilled unused water-table well in sand, diameter 26 inches, depth 266 feet. Highest water level 36.5 below lsd, 1914; lowest 89.14 below lsd, Jan. 6, 1954. Records available: 1914, 1936-49, 1951-52, 1954. Jan. 6, 89.14.

463. R. E. Keniston. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, blk. N. Lat. 34°05', long. 101°34'. Drilled irrigation water-table well in sand, diameter 24 to 17 inches, depth 285 feet. Highest water level 31.97 below lsd, Jan. 26, 1943; lowest 79.85 below lsd, Jan. 6, 1954. Records available: 1914, 1937-52, 1954. Jan. 6, 79.85.

467. M. E. Courtney. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, blk. N. Lat. 34°05', long. 101°37'. Drilled unused water-table well in sand, diameter 26 inches, depth 135 feet. Highest water level 32.65 below lsd, June 28, 1938; lowest 57.93 below lsd, Dec. 14, 1954. Records available: 1937-54. Jan. 7, 54.74; Dec. 14, 57.93.

497. S. E. Curry. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, blk. D5. Lat. 34°09', long. 101°36'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 204 feet, slotted casing. Highest water level 48.37 below lsd, Mar. 7, 1945; lowest 79.38 below lsd, Jan. 6, 1954. Records available: 1945-54. Jan. 6, 79.38.

539a. Fred Rastetter. SE. cor. sec. 29, blk. A. Lat. 34°05', long. 101°48'. Drilled irrigation water-table well in sand. Highest water level 67.00 below lsd, Mar. 7, 1949; lowest 89.91 below lsd, Jan. 9, 1954. Records available: 1949-54. Jan. 9, 89.91.

546. G. E. Bench. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, blk. A1. Lat. 34°05', long. 101°45'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 202 feet, casing slotted. Highest water level 57.39 below lsd, Mar. 14, 1947; lowest 94.95 below lsd, Dec. 13, 1954. Records available: 1947-54. Jan. 8, 84.66; Dec. 13, 94.95.

552. H. S. Dunaway. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, blk. A. Lat. 34°03', long. 101°46'. Drilled irrigation water-table well in sand, diameter 24 inches, depth 317 feet. Highest water level 57.36 below lsd, Apr. 16, 1934; lowest 91.25 below lsd, Dec. 13, 1954. Records available: 1914, 1934, 1936-54. Jan. 8, 81.03; Dec. 13, 91.25.

553. B. Jacobs. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, blk. A1. Lat. 34°03', long. 101°46'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 309 feet. Highest water level 52.16 below lsd, Nov. 2, 1937; lowest 89.48 below lsd, Dec. 13, 1954. Records available: 1934, 1936-54. Jan. 8, 77.82; Dec. 13, 89.48.

562. J. H. Sweat. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, blk. A1. Lat. 34°03', long. 101°48'. Drilled irrigation water-table well in sand, diameter 13 inches, depth 200 feet, casing slotted. Highest water level 61.92 below lsd, Mar. 14, 1947; lowest 80.28 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 80.28.

564. T. F. Mounts. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 20, blk. A1. Lat. 34°04', long. 101°49'. Drilled unused water-table well in sand, diameter 16 inches. Highest water level 55.73 below lsd, Apr. 12, 1938; lowest 93.80 below lsd, Dec. 10, 1954. Records available: 1937-54. Jan. 9, 86.37; Dec. 10, 93.80.

569. O. C. Sanders. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, blk. A1. Lat. 34°02', long. 101°49'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 210 feet. Highest water level 52.56 below lsd, Jan. 6, 1938; lowest 71.82 below lsd, Dec. 10, 1954. Records available: 1914, 1917, 1936-54. Jan. 8, 68.50; Dec. 10, 71.82.

714. W. E. Burnett. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 30, blk. A3. Lat. 33°59', long. 101°58'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 218 feet. Highest water level 79.50 below lsd, Mar. 21, 1947; lowest 104.30 below lsd, Dec. 27, 1954. Records available: 1947-54. Jan. 9, 97.25; Dec. 27, 104.30.

798. W. E. Burnett. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 30, blk. A3. Lat. 33°59', long. 101°57'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 277 feet. Highest water level 80.66 below lsd, Mar. 11, 1947; lowest 109.87 below lsd, Dec. 27, 1954. Records available: 1947-54. Jan. 9, 102.05; Dec. 27, 109.87.

816. A. M. Eason. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, blk. R. Lat. 33°58', long. 101°43'. Drilled unused water-table well in sand, diameter 12 inches, depth 94 feet. Highest water level 53.82 below lsd, Feb. 16, 1944; lowest 72.03 below lsd, Dec. 21, 1954. Records available: 1936-54. Jan. 7, 67.30; Dec. 21, 72.03.

828. John Bowling. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, blk. A4. Lat. 33°59', long. 101°51'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 218 feet, cased to 20. Highest water level 71.12 below lsd, Jan. 24, 1943; lowest 91.45 below lsd, Jan. 8, 1954. Records available: 1938-54. Jan. 8, 91.45. Measurement discontinued.

829. John Bowling. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, blk. A4. Lat. 33°59', long. 101°51'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 318 feet. Highest water level 76.74 below lsd, Mar. 11, 1947; lowest 98.00 below lsd, Dec. 27, 1954. Records available: 1947-54. Jan. 8, 92.99; Dec. 27, 98.00.

840. Debb McLaughlin. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, blk. R. Lat. 34°56', long. 101°41'. Drilled unused water-table well in sand, diameter 16 inches, depth 185 feet. Highest water level 57.72 below lsd, Jan. 24, 1943; lowest 84.28 below lsd, Dec. 23, 1954. Records available: 1937-43, 1945-54. Jan. 7, 77.06; Dec. 23, 84.28.

848. Mrs. J. E. Cheney. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 75, blk. A4. Lat. 33°53', long. 101°51'. Drilled stock water-table well in sand, diameter 4 inches, depth 105 feet. Highest water level 95.20 below lsd, Nov. 25, 1941; lowest 106.64 below lsd, Jan. 8, 1954. Records available: 1937-42, 1948-50, 1952-54. Jan. 8, 106.64.

852. Abernathy Cemetery. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2, blk. X. Lat. 33°50', long. 101°51'. Drilled cemetery water-table well in sand, diameter 5 inches, depth 128 feet. Highest water level 115.20 below lsd, Jan. 24, 1943; lowest 135.69 below lsd, Jan. 8, 1954. Records available: 1937-54. Jan. 8, 135.69.

859. L. Ragland. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, blk. C1. Lat. 33°52', long. 101°41'. Drilled irrigation water-table well in sand, diameter 15 to 13 inches, depth 200 feet, cased to 120. Highest water level 72.25 below lsd, Jan. 24, 1943; lowest 98.43 below lsd, Jan. 7, 1954. Records available: 1937-50, 1952-54. Jan. 7, 98.43.

906. Floyd Reagan. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 59, blk. R. Lat. 34°01', long. 101°36'. Drilled irrigation water-table well in sand, diameter 18 inches. Highest water level 37.70 below lsd, May 5, 1936; lowest 62.94 below lsd, Dec. 16, 1954. Records available: 1936-54. Jan. 7, 56.88; Dec. 16, 62.94.

923. D. C. Bayley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, blk. R. Lat. 34°01', long. 101°41'. Drilled unused water-table well in sand, diameter 10 inches. Highest water level 48.02 below lsd, Feb. 16, 1944; lowest 72.24 below lsd, Dec. 16, 1954. Records available: 1937-54. Dec. 16, 72.24.

956. J. W. Heard. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, blk. R. Lat. 33°57', long. 101°41'. Drilled unused water-table well in sand, diameter 16 inches, depth 200 feet, cased to 40. Highest water level 63.59 below lsd, Feb. 16, 1944; lowest 74.82 below lsd, Jan. 13, 1953. Records available: 1937-53. Measurement discontinued.

958. Luther Bain. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. R. Lat. 33°56', long. 101°41'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 108 feet. Highest water level 55.33 below lsd, Jan. 24, 1943; lowest 83.00 below lsd, Dec. 23, 1954. Records available: 1936-50, 1952-54. Jan. 7, 73.73; Dec. 23, 83.00.

1403. Ralph Walker. SW. cor. F. Bradford survey. Lat. 34°09', long. 101°41'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 150 feet. Highest water level 52.27 below lsd, Mar. 11, 1947; lowest 74.28 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 74.28.

1417. Ralph Walker. SW. cor. L. G. Hoffman survey. Lat. 34°08', long. 101°42'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 160 feet, casing slotted 10-160. Highest water level 58.79 below lsd, Mar. 11, 1947; lowest 91.35 below lsd, Jan. 8, 1954. Records available: 1947-49, 1951-54. Jan. 8, 90.35.

1430. A. H. Schrock. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, blk. D7. Lat. 34°05', long. 101°39'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 185 feet. Highest water level 43.54 below lsd, Nov. 28, 1945; lowest 74.15 below lsd, Dec. 13, 1954. Records available: 1945, 1947-54. Jan. 7, 66.67; Dec. 13, 74.15.

1436. H. O. Thompson. NW. cor. sec. 34, blk. D6. Lat. 34°07', long. 101°37'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet, casing slotted 40-200. Highest water level 58.79 below lsd, Mar. 14, 1947; lowest 101.69 below lsd, Dec. 14, 1954. Records available: 1947-54. Jan. 7, 93.74; Dec. 14, 101.69.

1604. J. E. Laney. Lat. 34°06', long. 101°52'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet. Highest water level 62.07 below lsd, Mar. 21, 1947; lowest 85.18 below lsd, Jan. 9, 1954. Records available: 1947-49, 1951-54. Jan. 9, 85.18.

1609. W. P. Shannon. SE $\frac{1}{4}$ sec. 21, blk. A2. Lat. 34°04', long. 101°52'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet. Highest water level 64.60 below lsd, Mar. 21, 1947; lowest 80.21 below lsd, Jan. 9, 1954. Records available: 1947-54. Jan. 9, 80.21.

1921. J. V. Newton. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. CL. Lat. 33°53', long. 101°36'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 180 feet. Highest water level 67.69 below lsd, Mar. 11, 1947; lowest 85.74 below lsd, Jan. 13, 1953. Records available: 1947-49, 1951-53. No measurement made in 1954.

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6a. C. H. Burton. Waller. Lat. 30°03', long. 95°55'. Drilled farm water-table well in sand, diameter 10 inches, depth 22 feet. Highest water level 3.50 below lsd, Nov. 6, 1941; lowest 15.42 below lsd, Nov. 28, 1932. Records available: 1931-35, 1939-54. Feb. 25, 7.54; June 22, 12.26; Sept. 29, 14.42; Dec. 21, 14.32.

11. H. J. Moore. Lat. 30°02', long. 95°52'. Drilled stock artesian well in sand, diameter 6 inches, depth 70 feet. Highest water level 42.85 below lsd, Dec. 18, 1946; lowest 49.24 below lsd, Feb. 2, 1938. Records available: 1931-32, 1936-54. Feb. 25, 46.31; June 22, 46.70; Sept. 27, 46.78; Dec. 21, 46.90.

14. J. A. Hafner. Lat. 30°03', long. 95°53'. Drilled unused artesian well in sand, diameter 4 inches, depth 122 feet. Highest water level 48.30 below lsd, Apr. 13, 1931; lowest 87.06 below lsd, Sept. 18, 1952. Records available: 1931-34, 1936-54. Feb. 25, 68.12; Dec. 21, 76.18.

31. R. L. Burton. Lat. 30°02', long. 95°51'. Drilled farm artesian well in sand, diameter 6 to 4 inches, depth 297 feet, screen 246-289. Highest water level 39.30 below lsd, Apr. 28, 1943; lowest 108.12 below lsd, Sept. 17, 1952. Records available: 1928, 1931-33, 1935-36, 1938-54. June 22, 107.36; Sept. 29, 95.80; Dec. 21, 74.71.

33. W. G. Neeley. Hockley. Lat. 30°01', long. 95°50'. Drilled unused water-table well in sand, diameter 10 inches, depth 61 feet, cased with tile. Highest water level 1.48 below lsd, Jan. 17, 1946; lowest 47.43 below lsd, Sept. 29, 1953. Records available: 1931-54. Feb. 25, 39.17; June 22, 42.54.

35. Dr. A. N. Boyd. Lat. 30°01', long. 95°49'. Drilled unused water-table well in sand, diameter 8 inches, depth 35 feet, cased with tile. Highest water level 8.08 below lsd, Jan. 30, 1947; lowest 33.80 below lsd, Sept. 17, 1951. Records available: 1931-54. June 22, 28.26; Dec. 21, 32.15.

40. Ira Southard. Lat. 30°01', long. 95°50'. Drilled irrigation artesian well in sand, diameter 18 to 12 inches, depth 497 feet, casing slotted opposite sand. Highest water level 40.30 below lsd, Mar. 17, 1942; lowest 68.10 below lsd, Nov. 12, 1948. Records available: 1940-54. Mar. 16, 59.83.

69. W. F. Klenk. Lat. 30°03', long. 95°29'. Dug farm water-table well in sand, diameter 36 inches, depth 37 feet, cribbed with brick. Highest water level 3.16 below lsd, Oct. 3, 1944; lowest 31.97 below lsd, Dec. 29, 1954. Records available: 1911, 1944-54. Feb. 17, 30.90; June 28, 31.34; Oct. 6, 31.83; Dec. 29, 31.97.

70. E. W. Klenk. Lat. 30°03', long. 95°29'. Drilled farm artesian well in sand, diameter 3 inches, depth 106 feet. Highest water level 0.30 below lsd, Oct. 3, 1944; lowest 33.73 below lsd, Dec. 29, 1954. Records available: 1938, 1944-54. Feb. 17, 32.48; June 28, 32.89; Oct. 6, 33.37; Dec. 29, 33.73.

95. H. C. Middlestead. Lat. 30°03', long. 95°25'. Dug unused water-table well in sand, diameter 6 feet, depth 32 feet, curbed with brick. Highest water level 4.76 below lsd, Jan. 31, 1947; lowest 27.91 below lsd, Oct. 10, 1954. Records available: 1931-36, 1939-54. Feb. 17, 22.82; June 28, 24.03; Oct. 10, 27.91; Dec. 29, 25.22.

104. George Glameyer. Lat. 30°01', long. 95°25'. Drilled unused water-table well in sand, diameter 6 inches, depth 45 feet. Highest water level 5.40 below lsd, Jan. 28, 1944; lowest 26.60 below lsd, June 28, 1954. Records available: 1931, 1938-54. June 28, 26.60.

108. R. L. Glazner. Lat. 30°01', long. 95°26'. Drilled unused artesian well in sand, diameter 4 inches, depth 358 feet. Highest water level 14.77 below lsd, Apr. 7, 1944; lowest 61.42 below lsd, Oct. 6, 1954. Records available: 1943-54. Feb. 17, 54.41; June 28, 60.06; Oct. 6, 61.42; Dec. 29, 59.42.

134. Ira Southard well 1. Lat. 29°54', long. 95°49'. Drilled unused artesian well in sand, diameter 24 to 10 inches, depth 274 feet, casing slotted opposite sand. Highest water level 31.00 below lsd, Feb. 1931; lowest 67.02 below lsd, Mar. 30, 1953. Records available: 1931, 1939-53. No measurement made in 1954.

136. J. Freeman well 1. Lat. 29°52', long. 95°48'. Drilled irrigation artesian well in sand, diameter 24 to 10 inches, depth 138 feet. Highest water level 35.71 below lsd, Apr. 28, 1931; lowest 76.36 below lsd, Dec. 2, 1954. Records available: 1931, 1933, 1939-54. Mar. 17, 71.50; Dec. 2, 76.36.

139. Oscar Kemp well 1. Lat. 29°53', long. 95°47'. Drilled unused artesian well in sand, diameter 24 to 12 inches, depth 134 feet. Highest water level 34.79 below lsd, Mar. 17, 1933; lowest 78.05 below lsd, Dec. 6, 1954. Records available: 1931-33, 1939-54. Mar. 17, 71.86; Dec. 6, 78.05.

140. Oscar Kemp well 2. Lat. 29°53', long. 95°47'. Drilled irrigation artesian well in sand, diameter 18 to 12 inches, depth 359 feet, screens opposite sands below 73. Highest water level 40.84 below lsd, Mar. 8, 1939; lowest 75.46 below lsd, Nov. 27, 1953. Records available: 1939-54. Mar. 17, 72.07.

167. E. C. Smith. Lat. 29°58', long. 95°43'. Drilled stock artesian well in sand, diameter 6 inches, depth 158 feet, screen 134-158. Highest water level 5.87 below lsd, Apr. 3, 1931; lowest 35.20 below lsd, Sept. 17, 1951. Records available: 1931-54. Feb. 25, 29.28; Dec. 21, 34.24.

169a. Ben Pugh. Lat. 29°59', long. 95°45'. Drilled irrigation artesian well in sand, diameter 22 to 14 inches, depth 499 feet, casing slotted opposite sands below 75. Highest water level 8.0 below lsd, May 8, 1938; lowest 29.51 below lsd, Dec. 6, 1954. Records available: 1938-54. Mar. 16, 23.35; Dec. 6, 29.51.

171. E. H. Juergen. Cypress. Lat. 29°58', long. 95°41'. Drilled unused artesian well in sand, diameter 3 inches, depth 72 feet. Highest water level 7.77 below lsd, June 6, 1947; lowest 36.92 below lsd, Sept. 29, 1954. Records available: 1931-54. Feb. 25, 28.03; June 22, 35.52; Sept. 29, 36.92; Dec. 21, 33.37.

178. K. P. Black. Lat. 29°55', long. 95°38'. Drilled unused artesian well in sand, diameter 3 inches, depth 40 feet. Highest water level 0.70 below lsd, Jan. 27, 1944; lowest 19.64 below lsd, Aug. 21, 1940. Records available: 1931-33, 1935-36, 1939-54. Feb. 25, 5.16; June 22, 9.71; Dec. 22, 12.03.

182. Joel Schmidt. Lat. 29°54', long. 95°41'. Drilled irrigation artesian well in sand, diameter 24 inches, depth 239 feet. Highest water level 26.02 below lsd, Mar. 24, 1944; lowest 61.52 below lsd, Dec. 2, 1954. Records available: 1939-54. Mar. 18, 51.52; Dec. 2, 61.52.

186. T. B. Tucker well 3. Lat. 29°53', long. 95°44'. Drilled irrigation artesian well in sand, diameter 18 to 8 inches, depth 628 feet, screens opposite sands below 100. Highest water level 21.13 below lsd, Mar. 24, 1931; lowest 59.76 below lsd, Dec. 2, 1954. Records available: 1931, 1939-54. Mar. 15, 56.40; Dec. 2, 59.76.

196. Humble Pipe Line Co. Lat. 29°54', long. 95°37'. Drilled unused artesian well in sand, diameter 6 inches, depth 100 feet. Highest water level 32.62 below lsd, Feb. 23, 1950; lowest 62.36 below lsd, Sept. 29, 1954. Records available: 1948-54. Feb. 25, 51.98; June 22, 60.70; Sept. 29, 62.36; Dec. 21, 57.95.

211. Amerada-Stanolind. Lat. 29°54', long. 95°35'. Drilled stock artesian well in sand, diameter 6 inches, depth 278 feet, screen 261-278. Highest water level 38.91 below lsd, Mar. 13, 1947; lowest 86.53 below lsd, Oct. 5, 1954. Records available: 1946-54. Feb. 25, 70.68; Oct. 5, 86.53; Dec. 21, 79.73.

225. Trinity & Brazos Valley Ry. Co. Lat. 29°55', long. 95°31'. Drilled unused artesian well in sand, diameter 10 to 8 inches, depth 616 feet, screen 576-616. Highest water level flowing, May 25-Oct. 13, 1944; lowest 131.09 below lsd, Sept. 28, 1954. Records available: 1938-54. Feb. 16, 100.85; June 14, 120.13; Sept. 28, 131.09; Dec. 14, 109.73.

226. W. A. Fraser. Lat. 29°55', long. 95°34'. Drilled irrigation artesian well in sand, diameter 20 to 10 inches, depth 740 feet, casing slotted opposite sands below 104. Highest water level 18.16 below lsd, Apr. 21, 1944; lowest 101.70 below lsd, Sept. 12, 1952. Records available: 1941-54. Feb. 25, 67.74; Dec. 22, 78.58.

231. Jack Frazier Drilling Co. Lat. 29°51', long. 95°29'. Drilled unused artesian well in sand, diameter 4 inches, depth 400 feet. Highest water level 49.94 below lsd, July 9, 1946; lowest 102.11 below lsd, Dec. 14, 1954. Records available: 1946-54. Feb. 16, 92.79; June 14, 96.74; Sept. 28, 101.76; Dec. 14, 102.11.

249. United Gas Corp. Lat. 29°54', long. 95°26'. Drilled unused artesian well in sand, diameter 4 inches, depth 350 feet. Highest water level 37.70 below lsd, June 21, 1950; lowest 63.03 below lsd, Oct. 1, 1954. Records available: 1946-54. Feb. 15, 54.07; June 28, 59.58; Oct. 1, 63.03.

253. Homer J. Moore. Lat. 29°56', long. 95°25'. Drilled irrigation artesian well in sand, diameter 20 to 12 inches, depth 1,117 feet, screens opposite sands between 251 and 1,048. Highest water level flowing, June 23-24, 1944; lowest 120.18 below lsd, Oct. 1, 1954. Records available: 1944-54. Feb. 15, 99.57; Oct. 1, 120.18; Dec. 14, 109.18.

255. J. M. Blake. Lat. 29°57', long. 95°25'. Dug farm water-table well in sand, diameter 5 feet, depth 41 feet, cribbed with brick. Highest water level 5.32 below lsd, Jan. 29, 1947; lowest 26.04 below lsd, Dec. 15, 1954. Records available: 1931, 1937-54. Oct. 1, 25.08; Dec. 15, 26.04.

258. F. M. Corzelius. Lat. 29°57', long. 95°24'. Drilled industrial artesian well in sand, diameter 4 inches, depth 325 feet. Highest water level 41.92 below lsd, Dec. 18, 1946; lowest 94.48 below lsd, Oct. 1, 1954. Records available: 1946-54. Oct. 1, 94.48.

264. H. Weary. Lat. 29°58', long. 95°23'. Drilled unused artesian well in sand, diameter 4 inches, depth 1,610 feet, screen at about 900. Highest water level 3.0 below lsd, May 29, 1931; lowest 101.40 below lsd, June 18, 1954. Records available: 1931-33, 1935-54. Feb. 15, 80.60; June 18, 101.40; Oct. 1, 96.56; Dec. 15, 88.69.

268. City of Houston test well 10-A. Westfield. Lat. 30°01', long. 95°24'. Drilled observation artesian well in sand, diameter 3 inches, depth 793 feet, screen 757-772. Highest water level 34.9 above lsd, Sept. 20, 1944; lowest 88.90 below lsd, June 24, 1954. Records available: 1939-54. Jan. 22, 75.74; Feb. 24, 75.00; Mar. 24, 74.57; Apr. 26, 73.59; May 21, 81.80; June 24, 88.90.

269. City of Houston test well 7. Westfield. Lat. 30°01', long. 95°24'. Drilled observation artesian well in sand, diameter 3 inches, depth 1,052 feet, screen 1,037-1,052. Highest water level 31.0 above lsd, Sept. 24, 1943; lowest 76.00 below lsd, July 26, 1954. Records available: 1939, 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	57.21	Apr. 26	59.37	July 26	76.00	Oct. 21	70.94
Feb. 24	58.08	May 21	68.08	Aug. 24	73.33	Nov. 24	71.42
Mar. 24	57.96	June 24	73.29	Sept. 24	71.55	Dec. 20	70.73

280. Pan-American Pipe Line Co. Lat. 29°52', long. 95°10'. Drilled industrial artesian well in sand, diameter 6 inches, depth 390 feet, screen 361-382. Highest water level 52.90 below lsd, Sept. 22, 1943; lowest 95.55 below lsd, June 11, 1951. Records available: 1940, 1943-54. Feb. 10, 84.34; June 23, 84.88; Sept. 21, 86.27; Dec. 13, 86.26.

286. Jack Frazier Drilling Co. Lat. 29°52', long. 95°15'. Drilled unused artesian well in sand, diameter 4 inches, depth 250 feet, screen 230-250. Highest water level 51.0 below lsd, July 1940; lowest 89.98 below lsd, Dec. 10, 1953. Records available: 1940, 1943-54. Feb. 15, 89.97; June 18, 88.80; Oct. 1, 89.82; Dec. 15, 88.31.

291. A. T. McDannald. Lat. 29°55', long. 95°15'. Drilled farm artesian well in sand, diameter 4 inches, depth 1,308 feet, screen 1,268-1,308. Highest water level 15 below lsd, 1931; lowest 70.80 below lsd, Dec. 15, 1954. Records available: 1931, 1943-54. Feb. 15, 67.59; June 18, 69.66; Oct. 6, 70.24; Dec. 15, 70.80.

302. A. T. McDannald. Lat. 29°58', long. 95°13'. Drilled unused artesian well in sand, diameter 7 inches, depth 1,000 feet. Highest water level 33.70 below lsd, Mar. 14, 1939; lowest 111.08 below lsd, Dec. 15, 1954. Records available: 1939-41, 1943-54. Feb. 15, 106.23; June 18, 107.00; Oct. 1, 111.03; Dec. 15, 111.08.

305. A. T. McDannald. Lat. 29°55', long. 95°15'. Drilled unused water-table well in sand, diameter 8 inches, depth 47 feet. Highest water level 4.54 below lsd, Jan. 29, 1947; lowest 14.78 below lsd, Dec. 15, 1954. Records available: 1943-54. Feb. 15, 11.71; June 18, 13.09; Oct. 6, 14.36; Dec. 15, 14.78.

306. Bender Estate. Lat. 29°59', long. 95°12'. Drilled unused artesian well in sand, diameter 5 inches, depth 392 feet, screen 338-358. Highest water level 47.53 below lsd, July 6, 1945; lowest 90.60 below lsd, June 18, 1954. Records available: 1945-54. June 18, 90.60.

326. Gulf Pipe Line Co. Lat. 29°52', long. 95°03'. Drilled unused artesian well in sand, diameter 6 inches, depth 533 feet, screen 463-523. Highest water level 21.94 below lsd, Oct. 29, 1931; lowest 96.7 below lsd, Dec. 13, 1954. Records available: 1931, 1947-54. Feb. 10, 95.08; Dec. 13, 96.7.

334a. E. M. Dunks. Lat. 30°01', long. 95°05'. Drilled stock artesian well in sand, diameter 4 inches, depth 180 feet. Highest water level 5.57 below lsd, Feb. 3, 1948; lowest 18.20 below lsd, Sept. 11, 1951. Records available: 1947-54. June 23, 14.04; Dec. 13, 17.74.

336. Sinclair Refining Co. Lat. 30°03', long. 95°05'. Drilled industrial artesian well in sand, diameter 10 inches, depth 621 feet. Highest water level 15.44 below lsd, Feb. 3, 1948; lowest 55.13 below lsd, Sept. 21, 1954. Records available: 1947-54. Feb. 10, 36.30; June 23, 51.14; Sept. 21, 55.13; Dec. 13, 43.57.

352. A. E. Thompson. Lat. 29°52', long. 95°49'. Drilled irrigation artesian well in sand, diameter 24 to 8 inches, depth 470 feet, screens 68-180, 392-450. Highest water level 48.07 below lsd, Mar. 10, 1939; lowest 68.1 below lsd, Nov. 13, 1951. Records available: 1939-52. Measurement discontinued.

362. E. G. Stockdick well 2. Lat. 29°49', long. 95°46'. Drilled irrigation artesian well in sand, diameter 24 to 12 inches, depth 500 feet. Highest water level 28 below lsd, 1905; lowest 75.77 below lsd, Nov. 30, 1954. Records available: 1905, 1928, 1931, 1933, 1938-54. Mar. 15, 69.69; Nov. 30, 75.77.

367. W. C. Hickman. Lat. 29°48', long. 95°46'. Drilled irrigation artesian well in sand, diameter 16 to 10 inches, depth 535 feet, screens between 110 and 407. Highest water level 34.50 below lsd, May 1930; lowest 83.97 below lsd, Nov. 30, 1954. Records available: 1930, 1938-54. Mar. 15, 75.03; Nov. 30, 83.97.

371. L. E. Morrison well 1. Lat. 29°45', long. 95°46'. Drilled irrigation artesian well in sand, diameter 24 to 8 inches, depth 374 feet. Highest water level 39.96 below lsd, Jan. 6, 1939; lowest 74.60 below lsd, Nov. 16, 1951. Records available: 1939-53. No measurement made in 1954.

381. W. H. Hegar. Lat. 29°52', long. 95°45'. Drilled unused artesian well in sand, diameter 8 inches, depth 95 feet. Highest water level 17.50 below lsd, June 12, 1931; lowest 67.74 below lsd, Nov. 23, 1953. Records available: 1931-33, 1939-54. Mar. 15, 38.21; Dec. 2, 38.37.

384. A. J. Jordens. Lat. 29°49', long. 95°44'. Drilled unused artesian well in sand, diameter 18 to 6 inches, depth 505 feet. Highest water level 33.72 below lsd, Mar. 17, 1933; lowest 78.78 below lsd, Nov. 30, 1954. Records available: 1932-33, 1939-54. Mar. 15, 69.79; Nov. 30, 78.78.

385. A. J. Jordens. Lat. 29°49', long. 95°44'. Drilled irrigation artesian well in sand, diameter 18 to 12 inches, depth 359 feet, screens opposite sands below 60. Highest water level 35.70 below lsd, Mar. 17, 1933; lowest 77.27 below lsd, Nov. 30, 1954. Records available: 1933, 1939-54. Mar. 15, 68.17; Nov. 30, 77.27.

399. Gertie Rice Farm. Lat. 29°51', long. 95°41'. Drilled irrigation artesian well in sand, diameter 20 to 11 inches, depth 280 feet, screens opposite sands below 79. Highest water level 28.28 below lsd, Mar. 8, 1939; lowest 55.75 below lsd, Nov. 25, 1952. Records available: 1939-54. Mar. 18, 54.94.

420. E. A. Showers. Lat. 29°44', long. 95°32'. Drilled unused artesian well in sand, diameter 4 inches, depth 231 feet, screen 198-231. Highest water level 46.56 below lsd, Feb. 4, 1947; lowest 96.27 below lsd, Sept. 19, 1952. Records available: 1946-53. No measurement made in 1954.

422. Cities Service Oil Co. Lat. 29°44', long. 95°33'. Drilled unused artesian well in sand, diameter 4 inches, depth 600 feet. Highest water level 38.57 below lsd, Dec. 13, 1946; lowest 98.78 below lsd, Sept. 27, 1954. Records available: 1946-54. Feb. 18, 79.30; June 22, 95.60; Sept. 27, 98.78.

424. Buffalo Oaks. Lat. 29°44', long. 95°35'. Drilled public-supply artesian well in sand, diameter 6 inches, depth 644 feet, screen 526-565, 573-644. Highest water level 53.22 below lsd, Mar. 14, 1947; lowest 116.86 below lsd, Sept. 27, 1954. Records available: 1946-54. Feb. 23, 92.79; June 25, 112.57; Sept. 27, 116.86; Dec. 22, 102.14.

456. Frank Willberg. Lat. 29°50', long. 95°31'. Drilled unused artesian well in sand, diameter 6 to 4 inches, depth 230 feet, screen 210-230. Highest water level 29.75 below lsd, Apr. 2, 1931; lowest 107.35 below lsd, Oct. 5, 1954. Records available: 1931, 1939-54. Feb. 25, 93.03; June 22, 99.22; Oct. 5, 107.35; Dec. 21, 103.44.

473. H. W. Rasmussen. Lat. 29°45', long. 95°30'. Drilled farm artesian well in sand, diameter 6 inches, depth 416 feet, screen 386-416. Highest water level 30.52 below lsd, Mar. 27, 1939; lowest 117.80 below lsd, Dec. 22, 1954. Records available: 1938-54. Dec. 22, 117.80.

480. John Pillot. Lat. 29°44', long. 95°40'. Drilled irrigation artesian well in sand, diameter 20 to 12 inches, depth 512 feet, casing slotted opposite sands below 107. Highest water level 22.36 below lsd, Mar. 25, 1953; lowest 65.93 below lsd, Nov. 13, 1951. Records available: 1941-54. Mar. 15, 23.08; Nov. 30, 37.91.

490. City of Houston test well 5. Lat. 29°42', long. 95°35'. Drilled observation artesian well in sand, diameter 3 inches, depth 1,188 feet, screen 1,187-1,182. Highest water level 36.00 below lsd, May 5, 1939; lowest 146.35 below lsd, Oct. 25, 1954. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	132.80	Apr. 24	131.85	July 26	140.89	Oct. 25	146.35
Feb. 24	131.26	May 21	132.47	Aug. 24	144.35	Nov. 24	143.52
Mar. 24	131.20	June 24	136.58	Sept. 24	146.34	Dec. 20	141.02

504. Dr. E. W. K. Andrau. Lat. 29°43', long. 95°35'. Drilled irrigation artesian well in sand, diameter 24 inches, depth 608 feet. Highest water level 47.06 below lsd, Mar. 14, 1947; lowest 99.64 below lsd, Sept. 14, 1951. Records available: 1946-51, 1953-54. Feb. 18, 84.82; Dec. 22, 95.16.

512. Joe Kowis. Lat. 29°49', long. 95°29'. Drilled unused artesian well in sand, diameter 6 inches, depth 50 feet. Highest water level 0.2 below lsd, Feb. 23, 1950; lowest 18.28 below lsd, Dec. 19, 1951. Records available: 1931-54. Feb. 25, 1.84; June 22, 6.42.

519. Felix Meyers. Lat. 29°48', long. 95°27'. Drilled domestic artesian well in sand, diameter 4 inches, depth 52 feet. Highest water level 1.69 below lsd, Feb. 23, 1950; lowest 18.55 below lsd, Sept. 18, 1951. Records available: 1937-53. Measurement discontinued.

538. The Bayou Club. Lat. 29°46', long. 95°27'. Drilled farm artesian well in sand, diameter 8 to 6 inches, depth 481 feet, screen 278-298, 344-365, 455-475. Highest water level 53.0 below lsd, July 30, 1940; lowest 114.95 below lsd, Dec. 5, 1950. Records available: 1940, 1943-54. Feb. 10, 73.66. Measurement discontinued.

585. Houston Textile Mills, Inc. Lat. 29°49', long. 95°22'. Drilled industrial artesian well in sand, diameter 12 inches, depth 950 feet. Highest water level 52.99 below lsd, Mar. 21, 1931; lowest 213.32 below lsd, Dec. 29, 1954. Records available: 1931, 1938-41, 1949-54. Feb. 17, 199.78; Oct. 6, 203.32; Dec. 29, 213.32.

591. City of Houston, Heights well 3. Lat. 29°48', long. 95°24'. Drilled unused artesian well in sand, diameter 24 to 12 inches, depth 1,034 feet, screens opposite sands below 514. Highest water level 74.03 below lsd, Mar. 1, 1938; lowest 235.24 below lsd, Sept. 25, 1953. Records available: 1938-54. Feb. 10, 215.52; June 16, 226.62; Dec. 29, 221.03.

602. River Oaks Country Club. Lat. 29°45', long. 95°25'. Drilled unused artesian well in sand, diameter 10 to 8 inches, depth 887 feet, screen 675-715, 775-864. Highest water level 39.00 below lsd, Apr. 15, 1933; lowest 170.00 below lsd, Oct. 5, 1954. Records available: 1931-54. Feb. 23, 160.60; Oct. 5, 170.00; Dec. 22, 166.42.

604. Horlock Ice Co. Lat. 29°46', long. 95°24'. Drilled industrial artesian well in sand, diameter 8 inches, depth 340 feet. Highest water level 53.78 below lsd, Mar. 1, 1935; lowest 121.73 below lsd, Sept. 20, 1954. Records available: 1931-54. Feb. 10, 113.22; June 21, 117.29; Sept. 20, 121.73; Dec. 29, 118.87.

619. City of Houston, Lincoln Pool well. Lat. 29°45', long. 95°22'. Drilled unused artesian well in sand, diameter 4 inches, depth 900 feet. Highest water level 46.86 below lsd, Apr. 15, 1933; lowest 187.93 below lsd, Aug. 24, 1954. Records available: 1931-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	181.46	Apr. 26	180.79	July 26	184.44	Oct. 25	180.78
Feb. 24	179.42	May 21	181.80	Aug. 24	187.93	Nov. 24	176.66
Mar. 24	179.52	June 24	183.67	Sept. 24	184.29	Dec. 20	175.27

651a. L. P. Mallett. Lat. 29°53', long. 95°23'. Drilled unused artesian well in sand, diameter 4 inches, depth 367 feet, screen 343-367. Highest water level 51.89 below lsd, Mar. 4, 1939; lowest 150.05 below lsd, Oct. 1, 1954. Records available: 1938-54. Feb. 15, 135.23; June 18, 141.40; Oct. 1, 150.05; Dec. 15, 144.38.

651b. L. P. Mallett. Lat. 29°53', long. 95°23'. Drilled farm water-table well in sand, diameter 2 inches, depth 50 feet. Highest water level 5.62 below lsd, Nov. 4, 1941; lowest 22.54 below lsd, Sept. 19, 1951. Records available: 1938-54. June 19, 1953; 15.90; Sept. 30, 20.88; Dec. 12, 19.44; Feb. 15, 1954, 13.63; June 18, 18.34; Dec. 15, 21.4.

656. Texas Creosoting Co. Lat. 29°49', long. 95°21'. Drilled unused artesian well in sand, diameter 8 to 6 inches, depth 666 feet, screen 662-666. Highest water level 54.45 below lsd, May 12, 1933; lowest 211.18 below lsd, Sept. 17, 1954. Records available: 1931-54. Feb. 10, 200.02; June 15, 191.48; Sept. 17, 211.18; Dec. 10, 204.62.

663. South Texas Cotton Oil Co. well 1. Lat. 29°47', long. 95°20'. Drilled unused artesian well in sand, diameter 24 to 10 inches, depth 740 feet, screens between 371-736. Highest water level 52.10 below lsd, Mar. 9, 1933; lowest 101.24 below lsd, Dec. 9, 1954. Records available: 1931-34, 1938-54. Feb. 10, 95.96; Sept. 17, 99.63; Dec. 9, 101.24.

664. South Texas Cotton Oil Co. well 3. Lat. 29°47', long. 95°20'. Drilled industrial artesian well in sand, diameter 16 inches, depth 780 feet. Highest water level 145.28 below lsd, Sept. 3, 1946; lowest 207.91 below lsd, Dec. 9, 1954. Records available: 1946-54. Feb. 10, 198.91; June 15, 203.58; Dec. 9, 207.91.

666a. Houston Foundry & Machine Co. 2005 White St., Houston. Lat. 29°46', long. 95°21'. Drilled unused artesian well in sand, diameter 6 inches, depth 900 feet. Highest water level 71.65 below lsd, Feb. 20, 1939; lowest 146.54 below lsd, Sept. 20, 1954. Records available: 1938-54. Feb. 10, 141.15; June 21, 142.31; Sept. 20, 146.54; Dec. 29, 146.11.

751. The Texas Pipe Line Co. Lat. 29°47', long. 95°47'. Drilled unused artesian well in sand, diameter 6 inches, depth 540 feet. Highest water level 48.08 below lsd, May 12, 1933; lowest 215.04 below lsd, Sept. 16, 1954. Records available: 1931-54. Feb. 9, 207.07; June 15, 210.85; Sept. 16, 215.04; Dec. 9, 211.48.

757. Layne-Bowler Co. Lat. 29°46', long. 95°17'. Drilled industrial artesian well in sand, diameter 10 inches, depth 676 feet, screen 577-635, 649-670. Highest water level 53.72 below lsd, Apr. 15, 1933; lowest 226.68 below lsd, Sept. 16, 1954. Records available: 1929, 1931-54. Feb. 9, 217.93; June 10, 222.50; Sept. 16, 226.68; Dec. 9, 221.57.

759. Port City Compress & Warehouse Co. Lat. 29°45', long. 95°17'. Drilled industrial artesian well in sand, diameter 4 inches, depth 569 feet, screen 544-566. Highest water level 55.95 below lsd, May 6, 1932; lowest 235.56 below lsd, Sept. 9, 1953. Records available: 1931-54. Feb. 8, 230.5; June 10, 232.5.

788. Shepherd Laundries. 2400 Louisiana St. Lat. 29°44', long. 95°22'. Drilled industrial artesian well in sand, diameter 8 to 6 inches, depth 1,416 feet, screen 1,336-1,377, 1,395-1,416. Highest water level 97.72 below lsd, Feb. 5, 1939; lowest 201.92 below lsd, Dec. 22, 1954. Records available: 1938-41, 1948-54. Feb. 10, 197.16; June 21, 198.59; Sept. 22, 200.61; Dec. 22, 201.92.

798. Rice Institute. Lat. 29°43', long. 95°29'. Drilled unused artesian well in sand, diameter 6 inches, depth 900 feet. Highest water level 61.02 below lsd, Mar. 18, 1939; lowest 148.53 below lsd, Sept. 20, 1954. Records available: 1931, 1938-42, 1949-54. Feb. 10, 137.22; June 21, 141.86; Sept. 20, 148.53; Dec. 22, 143.99.

798a. H. C. Weiss. South Main and Sunset Sts. Lat. 29°43', long. 95°23'. Drilled domestic artesian well in sand, diameter 6 inches, depth 404 feet, screen 360-402. Highest water level 64 below lsd, Apr. 24, 1936; lowest 140.81 below lsd, Dec. 21, 1954. Records available: 1936, 1938-54. Feb. 10, 134.07; Dec. 22, 140.81.

807a. City of Bellaire well 1. Rice and Jessamine Sts. Lat. 29°42', long. 95°28'. Drilled public-supply artesian well in sand, diameter 10 to 5 inches, depth 827 feet, screen 651-708. Highest water level 39.00 below lsd, Feb. 1937; lowest 172.60 below lsd, Sept. 20, 1954. Records available: 1937-42, 1946-54. Feb. 10, 148.24; June 21, 164.16; Sept. 20, 172.60; Dec. 22, 164.05.

812. Harris County School for Girls. Lat. 29°42', long. 95°28'. Drilled unused artesian well in sand, diameter 6 inches, depth 400 feet. Highest water level 53.13 below lsd, June 24, 1943; lowest 142.10 below lsd, Sept. 20, 1954. Records available: 1943-54. Feb. 10, 123.82; June 17, 133.87; Sept. 20, 142.10; Dec. 22, 134.09.

853. Houston Ice & Cold Storage Co. 2715 McKinney St. Lat. 29°44', long. 95°20'. Drilled unused artesian well in sand, diameter 6 inches, depth 650 feet. Highest water level 62.40 below lsd, Jan. 28, 1933; lowest 151.86 below lsd, Dec. 10, 1952. Records available: 1931-53. No measurement made in 1954.

876. Houston Country Club. Lat. 29°43', long. 95°18'. Drilled unused artesian well in sand, diameter 24 inches, depth 697 feet. Highest water level 40.96 below lsd, Mar. 9, 1933; lowest 195.07 below lsd, Dec. 10, 1952. Records available: 1931-34, 1937-54. Feb. 3, 190.71; June 2, 191.05.

878. Gulf Atlantic Warehouse Co. Lat. 29°44', long. 95°17'. Drilled industrial artesian well in sand, diameter 15 to 8 inches, depth 905 feet, screen 713. Highest water level 41.55 below lsd, Apr. 7, 1932; lowest 224.21 below lsd, Sept. 14, 1954. Records available: 1931-54. Feb. 3, 215.96; June 2, 216.81; Sept. 14, 224.21.

879. City of Houston, Magnolia Park well 2. 7300 Canal St. Lat. 29°44', long. 95°17'. Drilled unused artesian well in sand, diameter 24 to 12 inches, depth 1,033 feet, screens opposite sands below 475. Highest water level 40.0 below lsd, June 1925; lowest 230.9 below lsd, Sept. 3, 1954. Records available: 1925, 1939, 1941-42, 1945-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	223.2	222.0	221.5	222.7	223.3	222.6	226.2	228.3	230.7	229.9	.....	222.8
2	223.0	222.0	221.5	222.8	223.0	222.7	226.6	228.2	230.8	229.5	.....	222.9
3	222.7	222.2	221.7	222.7	222.8	222.9	226.8	228.2	230.9	229.1	.....	222.8
4	222.7	222.4	221.8	222.5	222.7	223.2	226.5	228.3	230.7	228.9	.....	222.7
5	222.7	222.5	221.8	222.4	222.5	223.1	226.3	228.3	230.3	228.9	.....	222.7
6	222.6	222.5	221.8	222.5	222.5	222.9	226.3	228.3	230.0	229.6	.....	222.7
7	222.6	222.5	221.6	222.8	222.5	222.8	226.3	228.1	229.8	229.3	.....	222.7
8	222.5	222.4	221.6	223.1	222.3	222.9	226.5	227.9	230.0	229.3	.....	222.7
9	222.3	222.5	221.6	223.3	222.1	223.2	226.8	227.8	230.1	229.1	.....	222.8
10	222.2	222.4	221.6	223.2	222.0	223.4	227.0	227.9	230.2	228.7	.....	222.6
11	222.1	222.4	221.6	223.0	222.2	223.6	226.8	228.1	230.1	228.6	.....	222.2
12	222.0	222.3	221.6	222.9	222.4	223.7	226.8	228.1	229.9	228.5	.....	222.0
13	222.1	222.1	221.7	223.0	222.5	223.5	227.1	228.3	229.7	228.7	.....	222.0
14	222.2	221.7	221.5	223.2	222.6	223.5	227.4	228.5	229.8	228.7	.....	221.9
15	222.3	221.6	221.4	223.2	222.6	223.6	227.7	228.4	229.9	229.1	.....	222.0
16	222.5	221.6	221.5	223.4	222.4	224.1	228.2	228.4	230.0	229.2	.....	222.0
17	222.6	221.6	221.6	223.4	222.2	224.6	228.4	228.6	230.2	228.9	.....	222.1
18	222.4	221.5	221.5	223.2	222.5	225.0	228.1	229.1	230.1	228.9	.....	222.0
19	222.5	221.6	221.4	223.1	222.5	225.1	228.1	229.3	230.0	228.9	.....	221.6
20	222.4	221.5	221.4	223.3	222.8	224.8	228.2	229.5	229.8	228.7	.....	221.4
21	222.4	221.3	221.1	223.4	223.0	224.8	228.2	230.0	230.1	228.6	.....	221.5
22	222.4	221.3	221.0	223.4	223.0	224.8	228.2	229.8	230.2	228.6	.....	221.5
23	222.2	221.4	221.0	223.5	222.7	225.1	228.4	229.8	230.3	228.5	.....	221.5
24	221.9	221.6	221.2	223.7	222.7	225.3	228.4	230.0	230.3	228.0	223.8	221.4
25	221.8	222.0	221.5	223.5	222.8	225.6	228.4	230.2	230.2	227.8	223.6	221.1
26	221.9	222.0	221.7	223.3	222.9	225.7	228.2	230.6	230.0	227.6	223.2	220.8
27	221.8	222.0	222.0	223.3	222.9	225.6	228.4	230.8	229.9	227.5	222.8	220.6
28	221.7	221.8	221.9	223.5	223.0	225.6	228.6	230.6	229.9	227.4	222.6	220.6
29	221.7		221.8	223.6	223.0	225.6	228.7	230.4	230.1	227.3	222.6	220.9
30	221.7		221.9	223.6	222.7	225.8	228.4	230.4	230.0	.....	222.6	220.9
31	221.8		222.2		222.6		228.6	230.5		.....		220.6

881. Terminal Compress & Warehouse Co. 82d and Harrisburg Sts. Lat. 29°43', long. 95°16'. Drilled unused artesian well in sand, diameter 6 to 4 inches, depth 650 feet. Highest water level 43.04 below lsd, Apr. 14, 1933; lowest 232.77 below lsd, Sept. 14, 1954. Records available: 1931-54. Feb. 3, 225.30; June 2, 225.13; Sept. 14, 232.77; Dec. 7, 226.23.

898a. Allen Estate. Park Place and Poplar Sts. Lat. 29°41', long. 95°17'. Drilled unused artesian well in sand, diameter 8 to 6 inches, depth 900 feet, screen 834-876. Highest water level 62.74 below lsd, June 21, 1937; lowest 221.68 below lsd, Sept. 14, 1954. Records available: 1937-54. Feb. 3, 209.53; June 7, 211.73; Sept. 14, 221.68; Dec. 7, 214.73.

909. J. W. Madden. Lat. 29°37', long. 95°18'. Drilled farm artesian well in sand, diameter 8 inches, depth 343 feet. Highest water level 18.77 below lsd, Apr. 9, 1931; lowest 77.45 below lsd, Feb. 18, 1954. Records available: 1931, 1934, 1940-54. Feb. 18, 77.45; June 25, 72.34.

933. Champion Paper & Fibre Co. Lat. 29°49', long. 95°13'. Drilled observation artesian well in sand, diameter 3 inches, depth 850 feet, screen 841-850. Highest water level 48.20 below lsd, July 1938; lowest 215.63 below lsd, Sept. 21, 1954. Records available: 1938-54. Feb. 10, 199.91; June 23, 208.06; Sept. 21, 215.63; Dec. 13, 208.39.

934. Champion Paper & Fibre Co. Lat. 29°49', long. 95°13'. Drilled observation artesian well in sand, diameter 4 inches, depth 135 feet, screen 126-135. Highest water level 35.19 below lsd, Feb. 14, 1940; lowest 100.75 below lsd, Dec. 13, 1954. Records available: 1938-54. Feb. 10, 98.26; June 23, 99.86; Sept. 21, 100.17; Dec. 13, 100.75.

939. San Jacinto Ordnance Depot construction well 2. Lat. 29°44', long. 95°07'. Drilled unused artesian well in sand, diameter 8 to 5 inches, depth 447 feet, screen 397-447. Highest water level 95 below lsd, Aug. 10, 1941; lowest 193.90 below lsd, June 10, 1953. Records available: 1941, 1943-53. No measurement made in 1954.

940. San Jacinto Ordnance Depot construction well 1. Lat. 29°45', long. 95°06'. Drilled unused artesian well in sand, diameter 8 to 6 inches, depth 451 feet, screen 399-449. Highest water level 95 below lsd, Aug. 18, 1941; lowest 192.47 below lsd, Sept. 17, 1954. Records available: 1941, 1943-54. Feb. 9, 186.56; Sept. 17, 192.47; Dec. 10, 189.44.

943. Gulf Pipe Line Co. Lynchburg. Lat. 29°46', long. 95°04'. Drilled industrial artesian well in sand, diameter 6 inches, depth 434 feet, screen 328-415. Highest water level 82.90 below lsd, Jan. 24, 1944; lowest 144.73 below lsd, Sept. 17, 1954. Records available: 1943-54. Feb. 10, 141.53; June 16, 141.51; Sept. 17, 144.73; Dec. 10, 143.65.

947. Leon J. Vetrano. Lat. 29°50', long. 95°06'. Drilled industrial artesian well in sand, diameter 12 inches, depth 312 feet, screen 201-209, 225-291. Highest water level 65 below lsd, Feb. 9, 1940; lowest 118.93 below lsd, Sept. 10, 1952. Records available: 1940, 1943-54. Feb. 10, 110.02; Sept. 21, 114.42; Dec. 13, 113.20.

1100d. Du Pont Chemical Plant. Lat. 29°42', long. 95°02'. Drilled observation artesian well in sand, diameter 4 inches, depth 989 feet, screen 979-989. Highest water level 123.14 below lsd, Sept. 17, 1947; lowest 192.62 below lsd, Sept. 15, 1954. Records available: 1947-54. Feb. 4, 185.36; June 4, 188.93; Sept. 15, 192.62; Dec. 8, 190.44.

1100e. Du Pont Chemical Plant. Lat. 29°41', long. 95°02'. Drilled observation artesian well in sand, diameter 4 inches, depth 538 feet, screen 528-538. Highest water level 136.94 below lsd, Dec. 2, 1947; lowest 183.52 below lsd, Sept. 15, 1954. Records available: 1947-54. Feb. 4, 177.10; June 4, 181.74; Sept. 15, 183.52; Dec. 8, 179.14.

1100f. Du Pont Chemical Plant. Lat. 29°41', long. 95°05'. Drilled observation well in sand, diameter 4 inches, depth 505 feet, screen 495-505. Highest water level 133.87 below lsd, Dec. 2, 1947; lowest 188.18 below lsd, Sept. 15, 1954. Records available: 1947-54. Feb. 5, 182.31; June 4, 183.02; Sept. 15, 188.18; Dec. 8, 185.64.

1104. City of La Porte well 1. Lat. 29°39', long. 95°01'. Drilled public-supply artesian well in sand, diameter 10 inches, depth 570 feet, screen 500-570. Highest water level 40 below lsd, Apr. 1930; lowest 161.09 below lsd, Dec. 8, 1954. Records available: 1930-31, 1937, 1940-54. Mar. 11, 128.69; June 7, 126.31; Sept. 15, 141.13; Dec. 8, 161.09.

1106. West & Siabara. Lat. 29°39', long. 95°05'. Drilled irrigation artesian well in sand, diameter 24 to 10 inches, depth 912 feet, screen 299-322, 498-587, 747-910. Highest water level 104.23 below lsd, Apr. 25, 1946; lowest 164.80 below lsd, Dec. 8, 1954. Records available: 1946-52, 1954. Feb. 8, 158.95; Dec. 8, 164.80.

1117. Humble Oil & Refining Co. Lat. 29°37', long. 95°07'. Drilled unused artesian well in sand, diameter 4 inches, depth 526 feet, screen 505-526. Highest water level 67.29 below lsd, June 5, 1940; lowest 152.81 below lsd, Sept. 15, 1954. Records available: 1940, 1944-54. Feb. 4, 142.79; June 7, 146.11; Sept. 15, 152.81; Dec. 8, 148.24.

1152a. City of Galena Park well 1. Galena Park. Lat. 29°44', long. 95°14'. Drilled public-supply artesian well in sand, diameter 13 to 6 inches, depth 680 feet, screen 593-677. Highest water level 67.00 below lsd, Jan. 13, 1937; lowest 284.26 below lsd, Sept. 16, 1954. Records available: 1937, 1939-54. Feb. 9, 276.93; Sept. 16, 284.26.

1161. Sinclair Refining Co. well 6. Lat. 29°42', long. 95°14'. Drilled unused artesian well in sand, diameter 24 to 8 inches, depth 1,228 feet, screen 741-781, 925-965, 1,118-1,228. Highest water level 96.70 below lsd, Mar. 30, 1939; lowest 291.7 below lsd, Sept. 1, 1954. Records available: 1924, 1937-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	277.1	276.8	276.0	279.0	279.2	276.9	.....	287.6	291.7	279.8	277.0	274.0
2	277.1	277.4	276.1	279.1	279.2	276.8	.....	287.2	290.7	279.2	276.8	273.9
3	277.8	277.4	276.5	279.4	278.8	277.4	.....	288.0	289.5	279.2	276.6	273.5
4	277.6	277.5	276.3	279.4	277.9	278.4	.....	287.4	288.9	279.3	276.3	273.7
5	277.3	277.6	276.4	279.3	277.9	278.7	.....	286.3	287.1	279.6	276.3	274.0
6	276.6	277.6	276.3	279.3	277.4	278.8	.....	285.1	286.6	279.8	276.0	274.2
7	276.2	277.5	276.3	279.5	277.1	278.8	286.0	284.2	286.4	280.2	275.9	273.9
8	276.1	277.3	276.5	279.9	277.2	279.0	286.2	283.1	286.3	280.6	275.4	273.6
9	276.1	277.1	276.8	280.1	277.6	279.2	286.6	283.8	285.5	280.6	275.4	273.7
10	276.1	276.7	276.9	280.0	277.7	279.4	287.0	284.8	285.3	280.0	274.9	273.7
11	276.4	276.6	277.4	280.0	277.6	279.6	287.2	285.9	285.1	279.8	274.5	273.2
12	276.3	276.6	277.5	280.1	277.6	280.1	287.6	285.5	285.0	280.0	274.5	273.2
13	275.9	276.5	277.5	280.3	277.9	280.6	288.0	285.9	284.5	279.9	274.5	273.0
14	275.9	275.7	278.0	281.2	277.8	280.7	288.5	285.4	284.1	279.4	274.3	273.0
15	275.5	275.5	277.6	281.7	277.8	280.7	288.9	286.4	284.0	279.2	274.2	273.5
16	275.9	275.6	276.9	281.3	277.8	276.4	289.0	286.6	284.0	279.7	274.3	273.4
17	276.3	275.7	276.2	280.7	277.6	276.0	289.2	287.5	284.0	280.0	274.2	273.5
18	276.6	275.3	275.5	280.3	277.5	277.2	289.0	288.5	283.9	280.2	274.4	273.3
19	276.7	275.3	275.1	280.0	277.4	278.2	288.2	289.1	283.7	279.9	274.5	272.9
20	276.2	275.5	275.6	280.1	277.3	278.6	287.8	289.6	283.4	279.4	274.4	272.9
21	276.0	275.9	275.9	280.4	277.6	279.0	287.1	289.6	283.5	279.3	274.3	272.9
22	275.9	276.0	276.2	280.6	277.7	278.9	286.7	289.5	283.4	279.1	274.3	273.0
23	275.9	275.9	276.9	280.4	277.9	278.3	286.4	289.7	283.4	278.8	274.5	273.4
24	275.9	276.0	276.9	280.4	277.6	277.9	286.5	290.1	283.3	278.5	274.5	273.2
25	275.6	276.3	276.8	280.4	277.6	277.6	286.3	290.6	283.1	278.2	274.0	273.0
26	275.6	276.1	276.6	280.3	277.9	277.5	286.1	291.0	283.0	277.8	273.7	273.6
27	275.6	276.1	276.6	280.1	277.6	277.5	286.4	291.6	282.5	277.7	273.5	274.6
28	275.6	276.1	276.2	279.8	277.7	277.6	286.8	291.5	282.2	277.7	273.5	274.3
29	275.6		277.5	279.7	277.6	277.6	286.5	291.4	281.0	277.7	273.4	274.0
30	275.7		278.1	279.6	277.4	277.9	286.0	291.3	280.5	277.3	273.8	273.8
31	276.1		278.6		277.1		287.2	291.6		277.0		273.4

1170. Houston Lighting & Power Co. Lat. 29°43', long. 95°13'. Drilled industrial artesian well in sand, diameter 16 to 10 inches, depth 836 feet, screen 612-672, 752-811. Highest water level 50.6 below lsd, May 20, 1935; lowest 289 below lsd, July 13, 1954. Records available: 1931-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	279	Apr. 5	282	Aug. 16	288	Nov. 18	273
Feb. 1	278	May 25	280	Sept. 17	282	Dec. 23	272
Mar. 3	280	July 13	289	Oct. 22	277		

1181. Phillips Petroleum Co. well 1. Lat. 29°43', long. 95°12'. Drilled unused artesian well in sand, diameter 4 inches, depth 691 feet. Highest water level 28.50 below lsd, June 1929; lowest 296.65 below lsd, Dec. 11, 1952. Records available: 1929, 1945-54. Feb. 5, 260.71; June 4, 244.30; Dec. 9, 275.86.

1182. Port Terminal RR. Co. Lat. 29°43', long. 95°12'. Drilled unused artesian well in sand, diameter 6 inches, depth 700 feet, screen 675-715. Highest water level 108.00 below lsd, July 1, 1939; lowest 309.80 below lsd, Dec. 2, 1953. Records available: 1939-54. Feb. 5, 302.98; June 4, 306.25; Sept. 15, 305.88; Dec. 9, 296.12.

1205. City of South Houston well 1. Lat. 29°39', long. 95°14'. Drilled unused artesian well in sand, diameter 8 inches, depth 668 feet, screen 600-668. Highest water level 73.06 below lsd, Jan. 18, 1943; lowest 183.42 below lsd, Sept. 14, 1954. Records available: 1940-54. Feb. 4, 171.47; June 2, 171.76; Sept. 14, 183.42; Dec. 7, 180.72.

1229. City of Houston test well 8. Lat. 29°39', long. 95°11'. Drilled observation artesian well in sand, diameter 3½ inches, depth 1,680 feet, screen 1,661-1,676. Highest water level 79.51 below lsd, Aug. 23, 1939; lowest 242.76 below lsd, Dec. 18, 1953. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	241.69	Apr. 26	240.15	July 26	242.48	Oct. 21	234.46
Feb. 24	240.63	May 21	240.13	Aug. 24	240.94	Nov. 24	232.42
Mar. 24	240.25	June 24	240.78	Sept. 24	237.59	Dec. 20	230.67

1230. City of Houston test well 9. Lat. 29°39', long. 95°11'. Drilled observation artesian well in sand, diameter 3½ inches, depth 1,419 feet, screen 1,399-1,414. Highest water level 88.74 below lsd, July 24, 1939; lowest 267.56 below lsd, Aug. 24, 1954. Records available: 1939-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	254.79	Apr. 26	256.89	July 26	267.23	Oct. 21	259.52
Feb. 24	254.88	May 21	259.14	Aug. 24	267.56	Nov. 24	256.99
Mar. 24	254.81	June 24	263.11	Sept. 24	265.69	Dec. 20	255.91

1267. South Side Place city well 3. Lat. 29°42', long. 95°26'. Drilled public-supply artesian well in sand, diameter 13 to 8 inches, depth 894 feet, screens opposite sands below 484. Highest water level 64.00 below lsd, May 6, 1941; lowest 164.95 below lsd, Dec. 22, 1954. Records available: 1941, 1943-54. Feb. 10, 155.37; Dec. 22, 164.95.

1297. State of Texas. Pioneer Airport. Lat. 29°38', long. 95°17'. Drilled unused artesian well in sand, diameter 8 to 5 inches, depth 650 feet. Highest water level 84.00 below lsd, July 7, 1939; lowest 163.48 below lsd, Sept. 14, 1954. Records available: 1927, 1935, 1940, 1948-54. Feb. 3, 153.88; June 2, 156.90; Sept. 14, 163.48; Dec. 7, 160.82.

1322. S. Siabara. Lat. 29°34', long. 95°08'. Drilled irrigation artesian well in sand, diameter 24 to 12 inches, depth 806 feet, screen 416-437, 494-597, 769-806. Highest water level 16.0 below lsd, 1927; lowest 137.48 below lsd, Dec. 7, 1954. Records available: 1927, 1935, 1940, 1948-54. Feb. 4, 130.16; Dec. 7, 137.48.

1369. City of South Houston well 2. Lat. 29°39', long. 95°14'. Drilled unused artesian well in sand, diameter 8 to 6 inches, depth 916 feet, screen 856-916. Highest water level 93.70 below lsd, June 5, 1941; lowest 248.13 below lsd, Feb. 4, 1954. Records available: 1941, 1944-54. Feb. 4, 248.13; June 2, 242.25; Dec. 7, 243.39.

1370. City of Jacinto City. Market St. Lat. 29°46', long. 95°14'. Drilled public-supply artesian well in sand, diameter 16 to 10 inches, depth 800 feet. Highest water level 145.52 below lsd, Mar. 19, 1945; lowest 243.57 below lsd, Oct. 6, 1953. Records available: 1944-46, 1948-54. Feb. 9, 237.70; Sept. 17, 218.20; Dec. 10, 196.42.

1374. Harris County Water Control & Improvement District No. 11, well 1. Lat. 29°46', long. 95°12'. Drilled public-supply artesian well in sand, diameter 13 to 6 inches, depth 750 feet, screens below 595. Highest water level 94 below lsd, June 10, 1940; lowest 275.58 below lsd, Sept. 17, 1954. Records available: 1940, 1942-46, 1948-54. Feb. 9, 263.80; June 17, 271.35; Sept. 17, 275.58; Dec. 10, 263.35.

1417. Houston Lighting & Power Co. well 1. Lat. 29°37', long. 95°27'. Drilled industrial artesian well in sand, diameter 16 to 8 inches, depth 1,017 feet, screens below 706. Highest water level 70.24 below lsd, Sept. 14, 1943; lowest 168.26 below lsd, June 25, 1954. Records available: 1943-54. Feb. 18, 144.48; June 25, 168.26; Dec. 17, 158.07.

1418. W. B. Nelson. Lat. 29°35', long. 95°15'. Drilled irrigation artesian well in sand, diameter 18 to 14 inches, depth 1,400 feet, screens opposite sands 380-1,286. Highest water level 103.85 below lsd, Apr. 25, 1944; lowest 208.72 below lsd, Sept. 22, 1954. Records available: 1943-54. Feb. 18, 192.59; Sept. 22, 208.72; Dec. 17, 199.18.

1420. City of Galena Park well 2. Lat. 29°44', long. 95°13'. Drilled public-supply artesian well in sand, diameter 12 to 8 inches, depth 725 feet, screen opposite sands below 583. Highest water level 121 below lsd, June 24, 1942; lowest 275.66 below lsd, Feb. 13, 1953. Records available: 1942-53. No measurement made in 1954.

1421. Tennessee Coal & Iron RR. Co. well 2. Lat. 29°43', long. 95°15'. Drilled industrial artesian well in sand, diameter 12 inches, depth 600 feet. Highest water level 138.00 below lsd, Sept. 27, 1943; lowest 265.7 below lsd, Sept. 9, 1953. Records available: 1943-44, 1946-54. Feb. 8, 257.63; June 10, 257.26.

1422. Mission Manufacturing Co. well 1. Lat. 29°48', long. 95°20'. Drilled industrial artesian well in sand, diameter 10 inches, depth 530 feet. Highest water level 101.57 below lsd, Jan. 25, 1944; lowest 191.39 below lsd, Sept. 17, 1954. Records available: 1943-54. Feb. 11, 180.19; June 17, 184.06; Sept. 17, 191.39; Dec. 10, 187.48.

1423. Clarence Nelson. Near Hall Rd. Lat. 29°36', long. 95°14'. Drilled irrigation artesian well in sand, diameter 20 inches, depth 1,347 feet. Highest water level 117.68 below lsd, Apr. 24, 1946; lowest 212.10 below lsd, Sept. 28, 1953. Records available: 1946-54. Feb. 18, 189.11; Sept. 27, 204.60; Dec. 17, 202.61.

1424. Harris County Water Control & Improvement District No. 3, well 3. Alba and Sue Barnett Sts. Lat. 29°49', long. 95°25'. Drilled public-supply artesian well in sand, diameter 13 inches, depth 850 feet. Highest water level 102.57 below lsd, Feb. 5, 1946; lowest 207.16 below lsd, Dec. 10, 1954. Records available: 1946-54. Feb. 11, 191.23; Dec. 10, 207.16.

1503. R. R. Michel test hole O-1. Lat. 30°05', long. 95°37'. Drilled observation water-table well in sand, diameter 1½ inches, depth 41 feet, screen 39-41. Highest water level 26.57 below lsd, Mar. 26, 1945; lowest 39.31 below lsd, Nov. 25, 1953. Records available: 1940-53. Measurement discontinued.

1504. Bogs Estate test hole N-1. Near Huffsmith. Lat. 30°07', long. 95°35'. Drilled observation water-table well in sand, diameter 1½ inches, depth 29 feet, screen 27-29. Highest water level 18.49 below lsd, Jan. 31, 1947; lowest 27.72 below lsd, Dec. 18, 1954. Records available: 1940-54. Jan. 22, 26.27; Feb. 24, 26.35; Mar. 24, 26.41; June 14, 26.81; Aug. 24, 27.22; Oct. 21, 27.56; Dec. 18, 27.72.

1507. Stanolind Oil & Gas Co. Lat. 29°53', long. 95°29'. Drilled industrial artesian well in sand, diameter 4 inches, depth 400 feet. Highest water level 41.85 below lsd, June 8, 1944; lowest 104.41 below lsd, June 22, 1953. Records available: 1944-54. Feb. 16, 66.60; Sept. 28, 77.85.

Hays County

110. M. O. Rogers. Lat. 30°07', long. 97°58'. Drilled farm artesian well in limestone, diameter 6 inches, depth 110 feet. Land-surface datum is 992.53 feet above msl. Highest water level 5.26 below lsd, May 28, 1941; lowest 62.28 below lsd, Dec. 6, 1954. Records available: 1937, 1940-46, 1948-54. Apr. 7, 56.95; July 21, 57.40; Aug. 23, 55.64; Dec. 6, 62.28.

349. E. Brooks. Lat. 29°53', long. 97°57'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 176 feet. Land-surface datum is 738.84 feet above msl. Highest water level 158.04 below lsd, May 22, 1941; lowest 169.09 below lsd, Apr. 4, 1951. Records available: 1937, 1940-54. Apr. 7, 162.93. Measurement discontinued.

524. H. W. Hageman. Lat. 29°54', long. 97°55'. Drilled unused artesian well in Edwards limestone, diameter 5 inches, depth 78 feet. Land-surface datum is 607.31 feet above msl. Highest water level 29.04 below lsd, May 22, 1941; lowest 42.58 below lsd, Sept. 14, 1937. Records available: 1937-53. Measurement discontinued.

528. E. N. Cason. Lat. 29°55', long. 97°54'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 121 feet. Land-surface datum is 670.87 feet above msl. Highest water level 91.03 below lsd, May 22, 1941; lowest 99.09 below lsd, Mar. 26, 1952. Records available: 1937-53. Measurement discontinued.

529. Nicholas Thiele. Kyle. Lat. 29°59', long. 97°52'. Drilled domestic artesian well in Edwards limestone, diameter 5 inches, depth 372 feet. Land-surface datum is 718 feet above msl. Highest water level 127.43 below lsd, June 22, 1938; lowest 158.58 below lsd, May 1, 1948. Records available: 1937-54. Apr. 7, 136.23; July 21, 150.09; Aug. 23, 155.18; Dec. 6, 141.87.

534. J. J. Horton. Buda. Lat. 30°05', long. 97°50'. Drilled domestic artesian well in Edwards limestone, diameter 5 inches, depth 244 feet. Land-surface datum is 707.23 feet above msl. Highest water level 87.62 below lsd, May 22, 1945; lowest 142.93 below lsd, Mar. 27, 1952. Records available: 1937-54. Apr. 7, 121.35; July 21, 140.13; Aug. 23, 139.41; Dec. 6, 134.51.

553. G. M. Jackson. Lat. 29°51', long. 97°58'. Drilled unused artesian well in Edwards limestone, diameter 6 inches, depth 194 feet. Highest water level 115.74 below lsd, Apr. 29, 1944; lowest 122.20 below lsd, Oct. 5, 1939. Records available: 1937-54. Apr. 7, 119.74; July 21, 120.64; Aug. 23, 120.94; Dec. 7, 120.29.

Hockley County

24. R. Y. Hughen. SW¼ sec. 99, blk. A. Lat. 33°47', long. 102°08'. Drilled unused water-table well in sand, diameter 6 inches, depth 37 feet. Highest water level 17.85 below lsd, Feb. 1, 1943; lowest 36.98 below lsd, Jan. 8, 1954. Records available: 1937-54. Jan. 8, 36.98.

25a. Walter Weige. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 98, blk. A. Lat. 33°47', long. 102°09'. Drilled irrigation water-table well in sand, depth 90 feet. Highest water level 24.45 below lsd, Mar. 15, 1947; lowest 36.56 below lsd, Jan. 8, 1954. Records available: 1947-50, 1952-54. Jan. 8, 36.56.

28. Dan Jackson and Paul Whitfield. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 106, blk. A. Lat. 33°47', long. 102°10'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 100 feet, cased to 100. Highest water level 26.92 below lsd, Feb. 1, 1943; lowest 54.84 below lsd, Jan. 8, 1954. Records available: 1937-51, 1953-54. Jan. 8, 54.84.

247a. A. N. Riley. NW $\frac{1}{4}$ lab. 3, lge. 78, R. C. S. L. Lat. 33°40', long. 102°31'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 230 feet. Highest water level 104.62 below lsd, Feb. 28, 1946; lowest 113.90 below lsd, Jan. 9, 1954. Records available: 1944-54. Jan. 9, 113.90.

263a. C. E. Roloff. SE $\frac{1}{4}$ NW $\frac{1}{4}$ lge. 731, S. C. L. Lat. 33°39', long. 102°23'. Drilled irrigation water-table well in sand. Highest water level 104.65 below lsd, Mar. 14, 1947; lowest 122.76 below lsd, Jan. 9, 1954. Records available: 1947-52, 1954. Jan. 9, 122.76.

403a. Albert Ellis. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 111, blk. A. Lat. 33°48', long. 102°11'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 107 feet. Highest water level 34.55 below lsd, Mar. 15, 1947; lowest 55.17 below lsd, Jan. 8, 1954. Records available: 1947-49, 1951-54. Jan. 8, 55.17.

429b. H. R. Johnston. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 52, blk. A. Lat. 33°41', long. 102°06'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 190 feet. Highest water level 86.77 below lsd, Mar. 15, 1947; lowest 113.49 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 113.49.

434. C. E. Pendergrass. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 74, blk. A. Lat. 33°44', long. 102°10'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 221 feet, cased to 206. Highest water level 130.24 below lsd, Mar. 1, 1946; lowest 156.23 below lsd, Jan. 8, 1954. Records available: 1938, 1944-54. Jan. 8, 156.23.

443a. Nicholson. SE $\frac{1}{4}$ sec. 87, blk. A. Lat. 33°45', long. 102°06'. Drilled irrigation water-table well in sand. Highest water level 70.95 below lsd, Feb. 22, 1944; lowest 90.35 below lsd, Jan. 8, 1954. Records available: 1944-45, 1947-54. Jan. 8, 90.35.

458. R. L. Burdette. NE. cor. sec. 102, blk. A. Lat. 33°48', long. 102°05'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 150 feet, cased to 150. Highest water level 80.98 below lsd, Mar. 17, 1947; lowest 97.50 below lsd, Jan. 8, 1954. Records available: 1938, 1947-49, 1951-54. Jan. 8, 97.50.

576. M. L. Goolsby. SW $\frac{1}{4}$ NW $\frac{1}{4}$ lab. 2, lge. 29, H. C. S. L. Lat. 33°33', long. 102°21'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 172 feet. Highest water level 87.65 below lsd, Jan. 29, 1944; lowest 99.61 below lsd, Jan. 9, 1954. Records available: 1944, 1946-54. Jan. 9, 99.61.

717. Panhandle & Santa Fe Ry. Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ lab. 6, lge. 2. Lat. 33°34', long. 102°07'. Drilled unused water-table well in sand. Highest water level 97.04 below lsd, Dec. 4, 1950; lowest 105.14 below lsd, Aug. 19, 1952. Records available: 1939, 1945, 1948-54. Jan. 9, 104.00.

Jackson County

6. N. J. Marthiljohni. Lat. 29°06', long. 96°44'. Drilled stock artesian well in Lissie formation, diameter 4 inches, depth 58 feet. Highest water level 32.17 below lsd, Apr. 9, 1941; lowest 43.70 below lsd, Mar. 17, 1953. Records available: 1934-35, 1938-41, 1946-54. Mar. 23, 41.82.

11a. Nellie Miller Estate. Lat. 29°03', long. 96°45'. Drilled farm artesian well in Lissie formation, diameter 4 inches, depth 66 feet. Highest water level 31.63 below lsd, Sept. 5, 1936; lowest 42.71 below lsd, Mar. 23, 1954. Records available: 1936, 1938-42, 1944-54. Mar. 23, 42.71.

14. Mrs. C. V. Watson. Lat. 29°09', long. 96°37'. Drilled farm artesian well in Lissie formation, diameter 4 inches, depth 80 feet. Highest water level 32.3 below lsd, July 17, 1934; lowest 47.54 below lsd, Mar. 23, 1954. Records available: 1934-36, 1938-54. Mar. 23, 47.54.

57. S. G. Drushel. Lat. 29°05', long. 96°37'. Drilled stock artesian well in Lissie formation, diameter 4 inches, depth 68 feet. Highest water level 35.90 below lsd, July 17, 1934; lowest 47.00 below lsd, Mar. 23, 1954. Records available: 1934-36, 1938-46, 1948-54. Mar. 23, 47.00.

64. Wm. Clifford. Lat. 28°58', long. 96°42'. Drilled farm artesian well in Lissie formation, diameter 30 to 8 inches, depth 200 feet. Highest water level 26.53 below lsd, Sept. 5, 1936; lowest 48.14 below lsd, Mar. 22, 1949. Records available: 1934-36, 1938-45, 1947-54. Mar. 23, 42.61.

66. S. J. and E. F. Swenson. Lat. 29°02', long. 96°37'. Drilled domestic artesian well in sand, diameter 4 inches, depth 63 feet. Highest water level 34.66 below lsd, Apr. 1, 1944; lowest 39.15 below lsd, Mar. 23, 1954. Records available: 1934-36, 1938-54. Mar. 23, 39.15.

69. A. E. Westhoff. Lat. 29°01', long. 96°37'. Drilled farm artesian well in sand, diameter 4 inches, depth 60 feet. Highest water level 29.0 below lsd, July 27, 1934; lowest 36.99 below lsd, Mar. 23, 1954. Records available: 1934-36, 1938-54. Mar. 23, 36.99.

88. A. E. Westhoff. Lat. 28°53', long. 96°35'. Drilled unused artesian well in sand, diameter 24 to 9 inches, depth 431 feet. Highest water level 15 below lsd, 1909; lowest 41.92 below lsd, Mar. 23, 1954. Records available: 1909, 1934-36, 1938, 1942-54. Mar. 23, 41.92.

103. A. C. Wilbeck. Lat. 29°04', long. 96°34'. Drilled unused artesian well in sand, diameter 4 inches, depth 60 feet. Highest water level 33.45 below lsd, Sept. 4, 1936; lowest 40.45 below lsd, Mar. 23, 1954. Records available: 1934-36, 1938-47, 1949-54. Mar. 23, 40.45.

105. A. M. Robinson. Lat. 29°06', long. 96°30'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 10 inches, depth 280 feet. Highest water level 30.0 below lsd, 1934; lowest 42.09 below lsd, Mar. 23, 1954. Records available: 1934, 1942-47, 1949-54. Mar. 23, 42.09.

122. Eli Bell. Lat. 28°56', long. 96°27'. Drilled irrigation artesian well in Lissie formation, diameter 26 to 10 inches, depth 225 feet. Highest water level 20.03 below lsd, Mar. 25, 1947; lowest 35.48 below lsd, Mar. 24, 1954. Records available: 1934, 1942-47, 1949-54. Mar. 24, 35.48.

229. W. A. Utzman. Lat. 28°51', long. 96°38'. Drilled farm artesian well in Lissie formation, diameter 4 inches, depth 189 feet. Highest water level 31.17 below lsd, Sept. 5, 1936; lowest 41.01 below lsd, Mar. 23, 1954. Records available: 1934-36, 1938-54. Mar. 23, 41.01.

230. Royal Dedman. Lat. 28°53', long. 96°34'. Drilled farm artesian well in sand, diameter 4 inches, depth 131 feet. Highest water level 33.83 below lsd, Apr. 1, 1944; lowest 44.86 below lsd, Mar. 23, 1954. Records available: 1934-36, 1938-52, 1954. Mar. 23, 44.86.

313. G. A. Harrison. Lat. 29°00', long. 96°35'. Drilled irrigation artesian well in Lissie formation, diameter 20 to 12 inches, depth 506 feet, casing slotted below 103. Highest water level 27.30 below lsd, Apr. 1, 1944; lowest 40.36 below lsd, Mar. 25, 1952. Records available: 1942-52. Measurement discontinued.

318. George Carstien. Lat. 29°07', long. 96°30'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 10 inches, depth 252 feet. Highest water level 29.39 below lsd, Mar. 30, 1944; lowest 39.65 below lsd, Mar. 23, 1954. Records available: 1942-47, 1949-54. Mar. 23, 39.65.

357. A. V. Raplee. Lat. 28°43', long. 96°22'. Drilled farm artesian well in Beaumont clay, diameter 24 to 10 inches, depth 400 feet. Highest water level 7.91 below lsd, Apr. 15, 1943; lowest 33.09 below lsd, Mar. 24, 1954. Records available: 1942-54. Mar. 24, 33.09.

Jim Wells County

193. M. Morales. Lat. 27°38', long. 98°13'. Dug unused water-table well in sand, diameter 42 inches, depth 40 feet. Highest water level 19.83 below lsd, Feb. 5, 1936; lowest 29.21 below lsd, Feb. 3, 1953. Records available: 1933, 1935-41, 1943, 1945, 1947-54. Feb. 16, 22.15.

206. Emilio Barrera. Lat. 27°36', long. 98°12'. Dug farm artesian well in sand, diameter 4 feet, depth 75 feet. Highest water level 29.14 below lsd, Oct. 5, 1933; lowest 59.05 below lsd, Feb. 19, 1951. Records available: 1933, 1935-41, 1943, 1945, 1947-54. Feb. 16, 54.53.

221. Feliz Perez Cadena. Lat. 27°34', long. 98°11'. Dug farm water-table well in sand, diameter 5 feet, depth 65 feet. Highest water level 46.58 below lsd, Feb. 5, 1936; lowest 58.21 below lsd, July 1, 1933. Records available: 1933, 1935-36, 1938-41, 1943, 1945, 1947-54. Feb. 16, 50.85.

222. Manuel Cadena. Lat. 27°34', long. 98°11'. Dug farm water-table well in sand, diameter 5 feet, depth 60 feet. Highest water level 47.24 below lsd, Feb. 5, 1936; lowest 56.40 below lsd, Feb. 19, 1951. Records available: 1933, 1935-41, 1943, 1945, 1947-54. Feb. 16, 51.00.

242. King Ranch, Hormigas well. Lat. 27°33', long. 98°05'. Drilled stock artesian well in Goliad sand, diameter 5 inches, depth 480 feet. Land-surface datum is 156.84 feet above msl. Highest water level 55.38 below lsd, June 13, 1933; lowest 120.43 below lsd, Nov. 1, 1954. Records available: 1933-34, 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	118.54	Mar. 8	118.29	June 3	118.25	Nov. 1	120.43
Feb. 4	117.85	Apr. 7	117.20	Aug. 10	119.40	Dec. 3	119.50
16	118.07	May 5	119.03	Oct. 1	119.70		

252. Cerapio Hinojosa. Lat. 27°26', long. 98°13'. Dug farm water-table well in sand, diameter 4 feet, depth 60 feet. Highest water level 42.42 below lsd, Feb. 5, 1936; lowest 61.75 below lsd, Feb. 8, 1950. Records available: 1933, 1935-41, 1943, 1945, 1947-51, 1953-54. Feb. 16, 54.16.

272. Miguel de los Santos. Lat. 27°23', long. 98°13'. Drilled unused artesian well in Goliad sand, diameter 4 inches, depth 400 feet. Highest water level 57.30 below lsd, June 6, 1933; lowest 85.76 below lsd, Feb. 19, 1949. Records available: 1933, 1945, 1947-54. Feb. 16, 82.92. Measurement discontinued.

272a. Fidencio de los Santos. Lat. 27°23', long. 98°13'. Drilled farm artesian well in Goliad sand, diameter 4 inches, depth 286 feet. Highest water level 78.91 below lsd, Feb. 15, 1947; lowest 112.64 below lsd, Feb. 16, 1954. Records available: 1947-54. Feb. 16, 112.64.

292. W. A. Cobb. Lat. 27°21', long. 98°07'. Drilled unused artesian well in Goliad sand, diameter 10 inches, depth 524 feet. Highest water level 42.00 below lsd, Jan. 27, 1933; lowest 120.68 below lsd, Feb. 16, 1954. Records available: 1933, 1943, 1945, 1949-54. Feb. 16, 120.68.

392a. B. W. Voght. Lat. 27°17'. Drilled irrigation artesian well in Goliad sand, diameter 12 inches, depth 600 feet. Highest water level 76.53 below lsd, Feb. 17, 1947; lowest 106.67 below lsd, Feb. 16, 1954. Records available: 1947-54. Feb. 16, 106.67.

429. Clyde Wright. Lat. 27°20', long. 98°06'. Drilled stock artesian well in Goliad sand, diameter 7 inches, depth 480 feet. Highest water level 57.59 below lsd, Oct. 23, 1943; lowest 106.15 below lsd, Feb. 16, 1954. Records available: 1943, 1945-54. Feb. 16, 106.15.

431. J. R. Friesen. Lat. 27°20', long. 98°06'. Drilled irrigation artesian well in Goliad sand, diameter 8 to 4 inches, depth 515 feet. Highest water level 62.84 below lsd, Oct. 23, 1943; lowest 115.39 below lsd, Feb. 16, 1954. Records available: 1943, 1945, 1947-51, 1953-54. Feb. 16, 115.39.

Kinney County

XK-1. Ethel Whitaker. Lat. 29°13', long. 100°06'. Drilled farm artesian well in limestone, diameter 4 inches, depth 102 feet. Highest water level 56.00 below lsd, Aug. 24, 1938; lowest 85.90 below lsd, Apr. 7, 1953. Records available: 1937-54. Apr. 12, 75.70; July 13, 65.51; July 21, 64.34; Nov. 10, 70.14.

XK-5. Judge John Fritter. Lat. 29°16', long. 100°19'. Drilled farm water-table well in limestone, diameter 6 inches. Highest water level 17.77 below lsd, July 28, 1938; lowest 43.99 below lsd, Aug. 11, 1953. Records available: 1937-54. Apr. 13, 36.55; July 14, 22.99; July 21, 23.65; Nov. 11, 26.10.

XK-9. C. J. Poehler. Lat. 29°18', long. 100°27'. Drilled unused water-table well in Austin chalk, diameter 6 inches, depth 157 feet. Highest water level 34.17 below lsd, Aug. 24, 1938; lowest 44.61 below lsd, Aug. 11, 1953. Records available: 1937-54. Apr. 13, 40.14; July 14, 40.01; July 21, 39.64; Nov. 10, 34.33.

XK-11. J. F. Beidler. Lat. 29°19', long. 100°32'. Drilled unused water-table well in limestone, diameter 4 inches, depth 75 feet. Highest water level 19.58 below lsd, Oct. 28, 1938; lowest 39.06 below lsd, Aug. 11, 1953. Records available: 1937-54. Apr. 12, 29.87; July 13, 28.82; July 22, 28.88; Nov. 10, 27.60.

XK-12. J. F. Beidler. Lat. 29°21', long. 100°37'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 618 feet. Highest water level 5.37 below lsd, June 24, 1947; lowest 40.31 below lsd, Aug. 11, 1953. Records available: 1937-54. Apr. 12, 37.46; June 1, 28.64; July 13, 33.69; July 22, 34.77; Nov. 10, 29.47.

KK-13. Howard Roberts. Lat. 29°23', long. 100°41'. Drilled farm artesian well in Edwards limestone, diameter 5 inches, depth 430 feet. Highest water level 57.31 below lsd, Apr. 14, 1949; lowest 72.73 below lsd, June 5, 1945. Records available: 1937-54. Apr. 12, 71.55; June 2, 61.97; July 13, 62.31; July 22, 59.07; Aug. 23, 61.82; Nov. 10, 58.38.

KK-17. Jimmy Lowrance. Lat. 29°19', long. 100°25'. Drilled unused artesian well in Edwards limestone, diameter 8 inches, depth 600 feet. Highest water level 46.92 below lsd, July 23, 1949; lowest 54.01 below lsd, Aug. 10, 1953. Records available: 1937-54. Apr. 12, 50.58; June 1, 50.02; July 13, 51.58; July 22, 49.81; Aug. 23, 49.78; Nov. 10, 50.05.

KK-114. E. Webb. Lat. 29°25', long. 100°25'. Drilled farm artesian well in Edwards limestone, diameter 6 inches. Highest water level 61.36 below lsd, Aug. 23, 1954; lowest 71.79 below lsd, Aug. 11, 1953. Records available: 1937-54. Apr. 13, 70.10; June 2, 66.96; July 22, 62.44; Aug. 23, 61.36; Nov. 10, 62.13.

KK-116. J. D. Harwood. Lat. 29°27', long. 100°25'. Drilled stock artesian well in Edwards limestone, diameter 5 inches. Highest water level 94.27 below lsd, Mar. 8, 1949; lowest 141.64 below lsd, Apr. 2, 1946. Records available: 1938-54. Apr. 13, 140.93; June 2, 124.25; July 14, 98.98; July 22, 100.39; Aug. 23, 105.45; Nov. 10, 111.72.

KK-180. N. P. Petersen. Lat. 29°23', long. 100°16'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 475 feet. Highest water level 174.90 below lsd, July 14, 1954; lowest 180.99 below lsd, Apr. 27, 1943, Apr. 13, 1954. Records available: 1938-43, 1946-48, 1950-54. Apr. 13, 180.99; July 14, 174.90; July 22, 178.08; Aug. 23, 176.88.

KK-187. Mrs. G. A. Harrison. Lat. 29°16', long. 100°16'. Drilled stock artesian well in Edwards limestone, diameter 6 inches, depth 514 feet. Highest water level 70.20 below lsd, Jan. 9, 1939; lowest 85.21 below lsd, Apr. 12, 1954. Records available: 1938-47, 1949-54. Apr. 12, 85.21; June 1, 85.12; July 13, 84.87; July 21, 84.68; Aug. 24, 84.40; Nov. 10, 83.75.

KK-198. Charley Zinsmeister. Lat. 29°19', long. 100°29'. Dug and drilled irrigation water-table well in limestone, diameter 48 to 6 inches, depth 157 feet. Highest water level 37.12 below lsd, June 24, 1947; lowest 54.18 below lsd, Aug. 14, 1951. Records available: 1938-54. Apr. 12, 45.46; July 13, 38.57; July 22, 38.20; Nov. 10, 37.40.

KK-199. E. Webb. Lat. 29°19', long. 100°24'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 500 feet. Highest water level 36.10 below lsd, Dec. 20, 1949; lowest 44.80 below lsd, Apr. 21, 1948. Records available: 1939-54. Apr. 13, 42.50; June 2, 41.22; July 14, 39.17; July 22, 39.34; Aug. 23, 39.68; Nov. 10, 40.28.

Kleberg County

8. King Ranch, Cola Blanco well. Lat. 27°36', long. 97°53'. Drilled stock artesian well in Goliad sand, diameter 6 inches, depth 600 feet. Highest water level 29.40 below lsd, Feb. 3, 1934; lowest 135.89 below lsd, Feb. 8, 1952. Records available: 1932, 1934-35, 1943, 1945-54. Feb. 19, 130.00.

13. King Ranch, Tamales well. Lat. 27°32', long. 98°02'. Drilled stock artesian well in Goliad sand, diameter 6 inches, depth 427 feet. Land-surface datum is 133.7 feet above msl. Highest water level 44.23 below lsd, Feb. 6, 1934; lowest 122.10 below lsd, Nov. 1, 1954. Records available: 1932-35, 1938-41, 1943-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	118.76	Mar. 8	118.36	June 3	119.83	Nov. 1	122.10
Feb. 4	118.38	Apr. 7	119.29	Aug. 10	121.14	Dec. 3	120.94
19	118.60	May 5	119.50	Oct. 1	121.45		

15. King Ranch, Puertos well. Lat. 27°32', long. 97°59'. Drilled stock artesian well in Goliad sand, diameter 7 inches, depth 567 feet. Land-surface datum is 113.39 feet above msl. Highest water level 39.59 below lsd, Feb. 6, 1934; lowest 126.17 below lsd, Oct. 1, 1954. Records available: 1932-35, 1938-41, 1943-54.

Jan. 6	124.05	Mar. 8	123.71	June 3	124.80	Oct. 1	126.17
Feb. 4	122.89	Apr. 7	125.26	Aug. 10	126.05	Dec. 3	125.93
19	123.60	May 5	97.76				

23. King Ranch, Caldero well. Lat. 27°30', long. 97°57'. Drilled stock artesian well in Goliad sand, diameter 6 inches, depth 652 feet. Highest water level 43.90 below lsd, Feb. 5, 1934; lowest 137.93 below lsd, Feb. 19, 1954. Records available: 1933-35, 1938-41, 1943-44, 1946-54. Feb. 19, 137.93.

31. King Ranch, Liberty well. Lat. 27°29', long. 97°55'. Drilled stock artesian well in Goliad sand, diameter 6 inches, depth 508 feet. Highest water level 27.80 below lsd, Feb. 5, 1934; lowest 126.54 below lsd, Feb. 19, 1954. Records available: 1933-34, 1938-41, 1943-47, 1949-54. Feb. 19, 126.54.

35. King Ranch, Silo well. Lat. 27°29', long. 97°54'. Drilled stock artesian well in Goliad sand, diameter 7 inches, depth 500 feet. Highest water level 28.28 below lsd, Feb. 5, 1934; lowest 144.46 below lsd, Feb. 19, 1954. Records available: 1933-35, 1938-41, 1943-47, 1949-54. Feb. 19, 144.46.

64. King Ranch, Rincon Caesar well. Lat. 27°15', long. 97°51'. Drilled stock artesian well in Goliad sand, diameter 5 to 4 inches, depth 700 feet. Highest water level 1.3 above lsd, Feb. 1934; lowest 26.53 below lsd, Feb. 19, 1954. Records available: 1933-35, 1938-41, 1943-45, 1947-49, 1951-52, 1954. Feb. 19, 26.53. Measurement discontinued.

75. King Ranch, Rancho Verde well. Lat. 27°42', long. 97°50'. Drilled farm artesian well in Goliad sand, diameter 6 to 4 inches, depth 805 feet. Highest water level 32.50 below lsd, Dec. 15, 1932; lowest 149.90 below lsd, Feb. 19, 1954. Records available: 1932, 1943-45, 1949-54. Feb. 19, 149.90.

93. Kingsville city well 1. Lat. 27°31', long. 97°52'. Drilled unused artesian well in Goliad sand, diameter 6 inches, depth 810 feet. Land-surface datum is 64.99 feet above msl. Highest water level 39.70 below lsd, Feb. 10, 1934; lowest 168.50 below lsd, Feb. 17, 1954. Records available: 1932-35, 1944-45, 1947-54. Feb. 17, 168.50.

188. J. R. Trussell. Lat. 27°27', long. 97°51'. Drilled farm artesian well in Goliad sand, diameter 5 inches, depth 700 feet. Land-surface datum is 58.20 feet above msl. Highest water level 17.80 below lsd, Feb. 2, 1934; lowest 128.70 below lsd, Feb. 8, 1952. Records available: 1932-35, 1938-41, 1943-54. Feb. 19, 106.27. Measurement discontinued.

372. King Ranch, Caesar Pens well. Lat. 27°33', long. 97°50'. Drilled stock artesian well in Goliad sand, diameter 6 inches, depth 750 feet. Land-surface datum is 53.90 feet above msl. Highest water level 19.33 below lsd, Feb. 2, 1934; lowest 141.10 below lsd, Feb. 17, 1954. Records available: 1932, 1934-35, 1943, 1945-46, 1948-54. Feb. 17, 141.10.

374. King Ranch, Palo Marcado well. Lat. 27°31', long. 97°45'. Drilled stock artesian well in Goliad sand, diameter 10 to 7 inches, depth 852 feet. Land-surface datum is 52.38 feet above msl. Highest water level 25.62 below lsd, Nov. 10, 1934; lowest 126.83 below lsd, Feb. 6, 1952. Records available: 1933-34, 1943-54. Feb. 17, 106.49.

375. King Ranch, Noria Honda well. Lat. 27°31', long. 97°42'. Drilled stock artesian well in Goliad sand, diameter 10 to 7 inches, depth 1,035 feet. Land-surface datum is 35.67 feet above msl. Highest water level 5.32 below lsd, Jan. 12, 1933; lowest 59.35 below lsd, Feb. 17, 1954. Records available: 1933-35, 1938, 1940-41, 1943-54. Feb. 17, 59.35. Measurement discontinued.

376. King Ranch, Leoncitas well. Lat. 27°29', long. 97°45'. Drilled stock artesian well in Goliad sand, diameter 6 inches, depth 1,050 feet. Highest water level 19.00 below lsd, Jan. 12, 1933; lowest 98.70 below lsd, Feb. 17, 1954. Records available: 1933-34, 1943-47, 1949-54. Feb. 17, 98.70.

377. King Ranch, Mesquite well. Lat. 27°29', long. 97°43'. Drilled stock artesian well in Goliad sand, diameter 7 inches, depth 1,100 feet. Highest water level 16.82 below lsd, Nov. 11, 1934; lowest 68.05 below lsd, Feb. 6, 1952. Records available: 1933-34, 1943-44, 1946-47, 1949-54. Feb. 17, 67.73.

380. King Ranch, Telephone well 1. Lat. 27°28', long. 97°41'. Drilled stock artesian well in Goliad sand, diameter 6 to 4 inches, depth 950 feet. Highest water level 11.83 below lsd, Feb. 1, 1938; lowest 57.14 below lsd, Feb. 6, 1952. Records available: 1933-34, 1938, 1940-41, 1943-47, 1949-54. Feb. 17, 48.79.

384. King Ranch, Aljibes well. Lat. 27°31', long. 97°37'. Drilled stock artesian well in Goliad sand, diameter 7 inches, depth 1,000 feet. Land-surface datum is 34.14 feet above msl. Highest water level 10.12 below lsd, Feb. 1, 1938; lowest 30.50 below lsd, Feb. 20, 1951. Records available: 1933-34, 1938, 1940-41, 1943, 1945-54. Feb. 17, 24.29.

385. King Ranch, Palacios well. Lat. 27°32', long. 97°38'. Drilled stock artesian well in Goliad sand, diameter 8 to 4 inches, depth 909 feet. Land-surface datum is 33.32 feet above msl. Highest water level 1.70 below lsd, Feb. 4, 1934; lowest 38.34 below lsd, Feb. 17, 1954. Records available: 1933-35, 1938, 1940-41, 1943, 1945, 1949-54. Feb. 17, 38.34.

386. King Ranch, Chilitipin well. Lat. 27°32', long. 97°35'. Drilled stock artesian well in Goliad sand, diameter 7 inches, depth 945 feet. Land-surface datum is 34.79 feet above msl. Highest water level 4.48 below lsd, Nov. 10, 1934; lowest 33.86 below lsd, Feb. 19, 1954. Records available: 1933-34, 1943-45, 1947-54. Feb. 19, 33.86.

436. King Ranch, La Noria Nina well. Lat. $27^{\circ}32'$, long. $97^{\circ}44'$. Drilled stock artesian well in Goliad sand, diameter 6 to 4 inches, depth 1,013 feet, screen 911-1,013. Highest water level 27.72 below lsd, Mar. 6, 1944; lowest 83.20 below lsd, Feb. 4, 1953. Records available: 1943-47, 1949-54. Feb. 17, 81.17.

437. King Ranch, Las Palmas well. Lat. $27^{\circ}32'$, long. $97^{\circ}40'$. Drilled stock artesian well in Goliad sand, diameter 6 to 4 inches, depth 1,016 feet. Highest water level 15.15 below lsd, Mar. 6, 1944; lowest 46.09 below lsd, Feb. 4, 1953. Records available: 1943-45, 1947, 1949-51, 1953. No measurement made in 1954.

438. Kingsville city well 5. Lat. $27^{\circ}31'$, long. $97^{\circ}52'$. Drilled public-supply artesian well in Goliad sand, diameter 16 to 8 inches, depth 740 feet. Highest water level 84.32 below lsd, Mar. 7, 1944; lowest 169.86 below lsd, Feb. 17, 1954. Records available: 1944-52, 1954. Feb. 17, 169.86.

Lamb County

1. H. H. Engleking. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, blk. W. Lat. $34^{\circ}18'$, long. $102^{\circ}36'$. Drilled irrigation water-table well in sand, diameter 15 inches, depth 128 feet. Highest water level 66.48 below lsd, Feb. 19, 1945; lowest 77.80 below lsd, Jan. 6, 1954. Records available: 1936-47, 1949-54. Jan. 6, 77.80.

3a. J. P. Crawford. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, blk. W. Lat. $34^{\circ}16'$, long. $102^{\circ}36'$. Drilled irrigation water-table well in sand, diameter 24 inches, depth 82 feet. Highest water level 21.85 below lsd, Feb. 4, 1943; lowest 47.05 below lsd, Jan. 6, 1954. Records available: 1934, 1936-54. Jan. 6, 47.05.

6. Albert Lavigne. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, blk. W. Lat. $34^{\circ}16'$, long. $102^{\circ}36'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 150 feet. Highest water level 13.00 below lsd, Nov. 30, 1942; lowest 40.65 below lsd, Jan. 6, 1954. Records available: 1914, 1937-45, 1947-54. Jan. 6, 40.65.

7. Little Bickle. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 46, blk. W. Lat. $34^{\circ}14'$, long. $102^{\circ}36'$. Drilled irrigation water-table well in sand, diameter 14 inches, depth 160 feet, cased to 160. Highest water level 5.31 below lsd, Nov. 1, 1941; lowest 32.07 below lsd, Jan. 6, 1954. Records available: 1934, 1936-44, 1946-47, 1949-54. Jan. 6, 32.07.

8. J. L. Withrow. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 51, blk. W. Lat. $34^{\circ}14'$, long. $102^{\circ}36'$. Drilled irrigation water-table well in sand, diameter 20 to 16 inches, depth 125 feet. Highest water level 6.16 below lsd, Nov. 17, 1941; lowest 29.70 below lsd, Jan. 6, 1954. Records available: 1936-42, 1944-54. Jan. 6, 29.70.

13. John Fyie. NW cor. sec. 45, blk. W. Lat. $34^{\circ}15'$, long. $102^{\circ}35'$. Drilled irrigation water-table well in sand, diameter 13 inches, depth 150 feet. Highest water level 10.47 below lsd, Nov. 17, 1941; lowest 41.12 below lsd, Jan. 6, 1954. Records available: 1934, 1936-54. Jan. 6, 41.12.

16. E. K. Warren. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, blk. W. Lat. $34^{\circ}16'$, long. $102^{\circ}35'$. Drilled irrigation water-table well in sand, diameter 15 inches, depth 100 feet. Highest water level 29.11 below lsd, Feb. 4, 1943; lowest 54.58 below lsd, Jan. 6, 1954. Records available: 1936-54. Jan. 6, 54.58.

19. John Allen. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, blk. W. Lat. $34^{\circ}15'$, long. $102^{\circ}35'$. Drilled irrigation water-table well in sand, depth 103 feet. Highest water level 11.44 below lsd, Nov. 30, 1942; lowest 39.50 below lsd, Jan. 6, 1954. Records available: 1913, 1936-45, 1947-54. Jan. 6, 39.50.

30. J. M. Young. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 38, blk. W. Lat. $34^{\circ}15'$, long. $102^{\circ}32'$. Drilled irrigation water-table well in sand, diameter 18 inches, depth 250 feet, cased to 250. Highest water level 17.00 below lsd, Nov. 17, 1941; lowest 40.12 below lsd, Jan. 6, 1954. Records available: 1936-54. Jan. 6, 40.12.

38. Andrew Dutton. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 57, blk. 2. Lat. $34^{\circ}15'$, long. $102^{\circ}29'$. Drilled irrigation water-table well in sand, diameter 15 to 10 inches, depth 149 feet, cased 57-147, perforated. Highest water level 33.78 below lsd, Feb. 11, 1943; lowest 48.75 below lsd, Jan. 6, 1954. Records available: 1936-38, 1943-54. Jan. 6, 48.75.

46b. Gus Parish. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 78, blk. 2. Lat. $34^{\circ}13'$, long. $102^{\circ}24'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 130 feet. Highest water level 36.42 below lsd, Mar. 18, 1947; lowest 45.40 below lsd, Jan. 6, 1954. Records available: 1946-54. Jan. 6, 45.40.

- 50b. Bruce Higgens. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 81, blk. 2. Lat. 34°12', long. 102°22'. Drilled irrigation water-table well in sand, depth 150 feet. Highest water level 43.65 below lsd, Feb. 23, 1943; lowest 54.95 below lsd, Jan. 6, 1954. Records available: 1942-54. Jan. 6, 54.95.
54. R. G. Wilson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 39, blk. 1. Lat. 34°18', long. 102°21'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 225 feet. Highest water level 86.08 below lsd, Feb. 23, 1943; lowest 103.10 below lsd, Jan. 6, 1954. Records available: 1937-38, 1942-54. Jan. 6, 103.10.
56. N. F. Cleavinger. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 53, blk. 1. Lat. 34°16', long. 102°19'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 215 feet, cased to 215, slotted 60-215. Highest water level 96.78 below lsd, Feb. 23, 1943; lowest 124.23 below lsd, Jan. 12, 1953. Records available: 1940, 1942-45, 1947-49, 1951-53. Measurement discontinued.
57. E. M. Gettys. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 59, blk. 1. Lat. 34°15', long. 102°19'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 210 feet. Highest water level 86.88 below lsd, Feb. 23, 1943; lowest 102.0 below lsd, Jan. 6, 1954. Records available: 1942-49, 1951-54. Jan. 6, 102.0.
- 57d. E. M. Gettys. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 59, blk. 1. Lat. 34°14', long. 102°19'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 230 feet. Highest water level 88.42 below lsd, Feb. 23, 1943; lowest 105.29 below lsd, Jan. 6, 1954. Records available: 1942-49, 1951-54. Jan. 6, 105.29.
60. S. A. Davis. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 69, blk. 1. Lat. 34°14', long. 102°18'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 220 feet. Highest water level 66.80 below lsd, Feb. 4, 1943; lowest 84.67 below lsd, Jan. 6, 1954. Records available: 1937-50, 1952-54. Jan. 6, 84.67.
- 62f. Robertson Bros. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, blk. A. Lat. 34°14', long. 102°09'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 232 feet. Highest water level 93.50 below lsd, Feb. 23, 1943; lowest 115.73 below lsd, Jan. 6, 1954. Records available: 1942-45, 1947-54. Jan. 6, 115.73.
- 62h. F. W. Dodson. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, blk. A. Lat. 34°12', long. 102°11'. Drilled irrigation water-table well in sand, depth 185 feet. Highest water level 81.88 below lsd, Feb. 23, 1945; lowest 103.88 below lsd, Jan. 6, 1954. Records available: 1942-54. Jan. 6, 103.88.
71. A. S. Nafzger. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, blk. O2. Lat. 34°08', long. 102°07'. Drilled irrigation water-table well in sand, diameter 16 to 14 inches, depth 170 feet. Highest water level 59.58 below lsd, Feb. 8, 1944; lowest 76.02 below lsd, Jan. 6, 1954. Records available: 1937, 1942-45, 1947-54. Jan. 6, 76.02.
76. F. E. Gladden. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, blk. T1. Lat. 34°11', long. 102°14'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 220 feet. Highest water level 68.89 below lsd, Mar. 2, 1946; lowest 87.16 below lsd, Jan. 14, 1953. Records available: 1937-39, 1941-44, 1946-50, 1953. Measurement discontinued.
88. Halsell Cattle Co. SW $\frac{1}{4}$ lab. 20, lge. 238. Lat. 34°06', long. 101°25'. Drilled stock water-table well in sand, diameter 4 inches, depth 42 feet. Highest water level 32.61 below lsd, Mar. 14, 1942; lowest 39.29 below lsd, June 22, 1939. Records available: 1937-42, 1944-54. Jan. 6, 39.05.
231. Vincent Peterman. Center of NE $\frac{1}{4}$ lab. 16, lge. 218. Lat. 34°06', long. 102°35'. Drilled domestic water-table well in sand, diameter 4 inches, depth 136 feet. Highest water level 92.61 below lsd, Feb. 17, 1950; lowest 101.60 below lsd, Feb. 2, 1944. Records available: 1937-42, 1944, 1946-54. Jan. 14, 95.10.
236. L. D. Criswell. NW $\frac{1}{4}$ SE $\frac{1}{4}$ lab. 24, lge. 649. Lat. 33°59', long. 102°23'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 135 feet. Highest water level 67.90 below lsd, Feb. 20, 1948; lowest 80.15 below lsd, Jan. 8, 1954. Records available: 1937-38, 1940-48, 1951-54. Jan. 8, 80.15.
243. Les Barker. Center of lab. 5, lge. 664. Lat. 33°56', long. 102°21'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 130 feet. Highest water level 74.00 below lsd, Feb. 10, 1948; lowest 81.45 below lsd, Jan. 8, 1954. Records available: 1937-48, 1950-54. Jan. 8, 81.45.
307. Hubert Couch. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 125, blk. A. Lat. 33°49', long. 102°12'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 100 feet. Highest water level 31.70 below lsd, May 5, 1937; lowest 57.12 below lsd, Jan. 8, 1954. Records available: 1937, 1947-54. Jan. 8, 57.12.

322. R. A. Hipps. NW. cor. lab. 16, lge. 671. Lat. 33°53', long. 102°16'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 100 feet. Highest water level 35.35 below lsd, Jan. 29, 1944; lowest 58.50 below lsd, Jan. 8, 1954. Records available: 1937-54. Jan. 8, 58.50.

341a. Yellow House Land Co. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ lab. 23, lge. 671. Lat. 33°52', long. 102°14'. Drilled irrigation water-table well in sand. Highest water level 37.84 below lsd, Jan. 29, 1944; lowest 59.15 below lsd, Jan. 15, 1953. Records available: 1937-53. No measurement made in 1954.

Liberty County

13. Corrigan Lumber Co. Cleveland. Lat. 30°20', long. 95°05'. Drilled unused artesian well in sand, diameter 6 inches, depth 200 feet. Highest water level 21.90 below lsd, Apr. 5, 1950; lowest 28.40 below lsd, Jan. 26, 1945. Records available: 1945, 1948-54. Apr. 13, 25.71.

20. M. A. Ellis. Lat. 30°24', long. 95°00'. Drilled irrigation artesian well in sand, diameter 18 to 12 inches, depth 226 feet, casing slotted opposite sands below 57. Highest water level 25.38 below lsd, Apr. 16, 1951; lowest 37.58 below lsd, Oct. 21, 1948. Records available: 1943, 1948-53. No measurement made in 1954.

24. J. W. Whatley. Lat. 30°22', long. 94°58'. Drilled unused water-table well in sand, diameter 8 inches, depth 52 feet. Highest water level 28.92 below lsd, Oct. 30, 1950; lowest 33.50 below lsd, Apr. 5, 1945. Records available: 1945, 1948-54. Apr. 13, 33.17.

28. Harvard Ranch. Lat. 30°13', long. 94°57'. Drilled unused artesian well in sand, diameter 4 inches, depth 204 feet. Highest water level 39.45 below lsd, Jan. 25, 1945; lowest 52.24 below lsd, Oct. 14, 1953. Records available: 1945, 1948-54. Apr. 13, 49.94.

61. C. Die. Lat. 30°25', long. 94°53'. Drilled domestic artesian well in sand, diameter 4 inches, depth 140 feet, screen 130-140. Highest water level 49.50 below lsd, Apr. 4, 1945; lowest 59.20 below lsd, Oct. 14, 1953. Records available: 1945, 1948-54. Apr. 13, 54.84.

71. John Griffin. Lat. 30°26', long. 94°45'. Drilled domestic artesian well in sand, diameter 4 inches, depth 165 feet. Highest water level 39.56 below lsd, Apr. 5, 1950; lowest 44.5 below lsd, Oct. 30, 1950. Records available: 1945, 1948-54. Apr. 13, 43.27.

77. W. A. Conner. Lat. 30°07', long. 94°55'. Drilled irrigation artesian well in sand, diameter 20 to 12 inches, depth 742 feet, casing slotted opposite sands below 150. Highest water level 48.33 below lsd, Apr. 19, 1945; lowest 100.61 below lsd, Oct. 6, 1952. Records available: 1945, 1948-54. Apr. 12, 70.98.

81. D. A. Reidland. Lat. 30°06', long. 94°58'. Drilled irrigation artesian well in sand, diameter 20 to 8 inches, depth 1,000 feet, casing slotted opposite sands below 120. Highest water level 38.55 below lsd, Apr. 19, 1945; lowest 84.09 below lsd, Oct. 15, 1948. Records available: 1945, 1948-53. No measurement made in 1954.

85. E. J. Stoesser well 1. Lat. 30°04', long. 95°00'. Drilled irrigation artesian well in sand, diameter 24 to 12 inches, depth 808 feet, casing slotted opposite sands below 135. Highest water level 55.09 below lsd, Feb. 19, 1948; lowest 102.29 below lsd, Oct. 6, 1952. Records available: 1944, 1948-53. No measurement made in 1954.

88. Leo Moreau. Lat. 30°02', long. 94°57'. Drilled irrigation artesian well in sand, diameter 20 to 12 inches, casing slotted opposite sands below 240. Highest water level 52.82 below lsd, Apr. 18, 1945; lowest 107.50 below lsd, Oct. 6, 1952. Records available: 1945, 1948-53. No measurement made in 1954.

124. Peoples Lumber & Supply Co. Dayton. Lat. 30°02', long. 94°53'. Drilled industrial artesian well in sand, diameter 4 inches, depth 685 feet, screen 665-686. Highest water level 59.0 below lsd, Jan. 27, 1945; lowest 84.73 below lsd, Oct. 9, 1951. Records available: 1945, 1948-51, 1953. No measurement made in 1954.

125. Humble Pipe Line Co. Lat. 30°00', long. 94°53'. Drilled unused artesian well in sand, diameter 6 inches, depth 400 feet. Highest water level 49.46 below lsd, Jan. 27, 1945; lowest 81.61 below lsd, Oct. 6, 1952. Records available: 1945, 1948-54. Apr. 12, 76.87.

141. Russ Mitchell Co. Lat. 30°05', long. 94°54'. Drilled unused artesian well in sand, diameter 4 inches, depth 413 feet. Highest water level 48.28 below lsd, Feb. 19, 1948; lowest 100.07 below lsd, Oct. 6, 1952. Records available: 1936, 1948-54. Apr. 12, 78.07.

152. S. E. Viles. Lat. 30°09', long. 94°43'. Drilled unused artesian well in sand, diameter 4 inches, depth 228 feet. Highest water level 34.90 below lsd, June 7, 1945; lowest 56.99 below lsd, Oct. 7, 1952. Records available: 1945, 1948-54. Apr. 13, 48.07.

173. Hamill & Smith. Lat. 30°05', long. 94°38'. Drilled industrial artesian well in sand, diameter 5 inches, depth 255 feet, screen 228-255. Highest water level 17.0 below lsd, 1938; lowest 54.54 below lsd, Oct. 7, 1952. Records available: 1938, 1948-54. Apr. 13, 45.39.

178. City of Liberty. Lat. 30°03', long. 94°47'. Drilled unused artesian well in sand, diameter 8 inches, depth 680 feet. Highest water level 7.0 above lsd, Dec. 7, 1944; lowest 17.53 below lsd, Oct. 13, 1953. Records available: 1944, 1948-54. Apr. 12, 14.70.

179. City of Liberty well 3. Lat. 30°03', long. 94°47'. Drilled public-supply artesian well in sand, diameter 13 to 7 inches, depth 565 feet, screen 445-562. Highest water level 0.58 above lsd, Nov. 26, 1943; lowest 51.19 below lsd, Oct. 13, 1953. Records available: 1943-44, 1948-54. Apr. 12, 41.62.

182. City of Liberty. Lat. 30°03', long. 94°47'. Drilled unused artesian well in sand, diameter 4 inches, depth 651 feet. Highest water level 8.0 above lsd, Nov. 7, 1944; lowest 26.13 below lsd, Oct. 13, 1953. Records available: 1944, 1948-54. Apr. 12, 22.59.

216. Devers Canal Co. Lat. 29°56', long. 94°46'. Drilled domestic artesian well in sand, diameter 3 inches, depth 176 feet, screen 170-176. Highest water level 3.60 below lsd, Dec. 8, 1944; lowest 8.89 below lsd, Oct. 8, 1952. Records available: 1944, 1948-54. Apr. 14, 7.53.

222. A. R. Milintz. Lat. 29°58', long. 94°43'. Drilled farm artesian well in sand, diameter 4 inches, depth 275 feet, screen 261-273. Highest water level 10.73 below lsd, June 16, 1945; lowest 25.26 below lsd, Oct. 8, 1952. Records available: 1945, 1948-53. No measurement made in 1954.

234. B. H. Willis Estate. Lat. 30°00', long. 94°30'. Drilled unused artesian well in sand, diameter 6 inches, depth 180 feet. Highest water level 12.56 below lsd, Feb. 20, 1948; lowest 19.04 below lsd, Apr. 13, 1954. Records available: 1945, 1948-54. Apr. 13, 19.04.

237. Sinclair Pipe Line Co. Lat. 30°01', long. 94°30'. Drilled domestic artesian well in sand, diameter 8 to 6 inches, depth 492 feet, screen 429-492. Highest water level 11.92 below lsd, June 20, 1945; lowest 28.99 below lsd, Oct. 14, 1953. Records available: 1945, 1948-54. Apr. 13, 25.12.

Lubbock County

35a. A. M. Becton. NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 138, blk. C. Lat. 33°47', long. 101°36'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 365 feet. Highest water level 94.03 below lsd, Feb. 23, 1948; lowest 117.57 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 117.57.

37. Claude H. Dalton. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 149, blk. C. Lat. 33°46', long. 101°38'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 240 feet. Highest water level 70.96 below lsd, Feb. 22, 1944; lowest 95.53 below lsd, Jan. 6, 1954. Records available: 1937, 1939-54. Jan. 6, 95.53.

50a. L. D. Phillips. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, blk. D7. Lat. 33°42', long. 101°40'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 300 feet. Highest water level 73.50 below lsd, Mar. 6, 1947; lowest 100.71 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 100.71.

74a. J. S. George. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 37, blk. A. Lat. 33°40', long. 101°51'. Drilled stock water-table well in sand, diameter 5 inches, depth 52 feet. Highest water level 28.30 below lsd, July 28, 1941; lowest 48.26 below lsd, Jan. 11, 1954. Records available: 1937-47, 1949, 1951, 1953-54. Jan. 11, 48.26.

75b. J. B. Taylor. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, blk. A. Lat. 33°41', long. 101°51'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 200 feet. Highest water level 58.68 below lsd, Mar. 7, 1947; lowest 90.08 below lsd, Jan. 11, 1954. Records available: 1947-54. Jan. 11, 90.08.

77a. J. H. Felton. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, blk. A. Lat. 33°41', long. 101°50'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 137 feet. Highest water level 69.83 below lsd, June 23, 1939; lowest 93.14 below lsd, Jan. 11, 1954. Records available: 1938-40, 1943-52, 1954. Jan. 11, 93.14.

81. J. E. Vickers. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, blk. A. Lat. 33°39', long. 101°50'. Drilled irrigation water-table well in sand, depth 160 feet. Highest water level 39.78 below lsd, Dec. 27, 1941; lowest 55.93 below lsd, Jan. 11, 1954. Records available: 1936-50, 1952-54. Jan. 11, 55.93.

83. Billy Meyers. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, blk. A. Lat. 33°39', long. 101°52'. Drilled irrigation water-table well in sand. Highest water level 45.40 below lsd, Mar. 8, 1947; lowest 54.19 below lsd, Jan. 12, 1953. Records available: 1947-51, 1953. Measurement discontinued.

99. R. B. Gray. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, blk. P. Lat. 33°43', long. 102°04'. Drilled irrigation water-table well in sand, diameter 19 inches, depth 108 feet. Highest water level 20.66 below lsd, Feb. 1, 1943; lowest 39.23 below lsd, Jan. 10, 1954. Records available: 1937-38, 1940, 1942-54. Jan. 10, 39.23.

101. J. E. Armes. SW cor. sec. 38, blk. P. Lat. 33°41', long. 102°04'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 175 feet, cased to 135. Highest water level 61.64 below lsd, Nov. 18, 1940; lowest 94.03 below lsd, Jan. 10, 1954. Records available: 1937-41, 1943, 1945, 1949-54. Jan. 10, 94.03.

107. B. G. Lokey. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, blk. D5. Lat. 33°41', long. 101°59'. Drilled domestic water-table well in sand, diameter 6 inches, depth 75 feet. Highest water level 43.56 below lsd, Feb. 1, 1943; lowest 54.91 below lsd, Jan. 13, 1953. Records available: 1937-53. Measurement discontinued.

114. G. W. McCleary. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, blk. JS. Lat. 33°38', long. 101°58'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 143 feet. Highest water level 58.98 below lsd, Mar. 8, 1947; lowest 81.63 below lsd, Jan. 11, 1954. Records available: 1947-52, 1954. Jan. 11, 81.63.

118. T. C. James. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, blk. JS. Lat. 33°36', long. 101°59'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 100 feet. Highest water level 79.56 below lsd, Feb. 4, 1944; lowest 113.38 below lsd, Jan. 10, 1954. Records available: 1936-39, 1941-54. Jan. 10, 113.38.

119a. V. L. Cade. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2, blk. D6. Lat. 33°35', long. 101°59'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 213 feet. Highest water level 78.41 below lsd, Mar. 8, 1947; lowest 100.97 below lsd, Jan. 10, 1954. Records available: 1947-52, 1954. Jan. 10, 100.97.

121. Brown. SE $\frac{1}{4}$ sec. 1, blk. D6. Lat. 33°35', long. 101°58'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 208 feet, cased to 208. Highest water level 72.70 below lsd, Feb. 18, 1943; lowest 105.00 below lsd, Jan. 11, 1954. Records available: 1937-45, 1947-52, 1954. Jan. 11, 105.00.

123. R. C. Robbs. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. JS. Lat. 33°35', long. 101°57'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 185 feet. Highest water level 61.20 below lsd, Feb. 18, 1943; lowest 95.43 below lsd, Jan. 11, 1954. Records available: 1936-54. Jan. 11, 95.43.

132. J. W. Ross, Jr. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, blk. E2. Lat. 33°35', long. 101°55'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 202 feet. Highest water level 46.69 below lsd, Mar. 20, 1947; lowest 72.68 below lsd, Jan. 11, 1954. Records available: 1947-54. Jan. 11, 72.68.

138. S. F. Faulkner. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, blk. JS. Lat. 33°37', long. 101°57'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 120 feet. Highest water level 34.54 below lsd, Feb. 1, 1943; lowest 63.23 below lsd, Jan. 11, 1954. Records available: 1937-43, 1945-54. Jan. 11, 63.23.

139. J. W. Ellis. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, blk. JS. Lat. 33°38', long. 101°56'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 120 feet. Highest water level 21.43 below lsd, Feb. 21, 1943; lowest 47.11 below lsd, Jan. 10, 1954. Records available: 1937-54. Jan. 10, 47.11.

154. John King. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, blk. A. Lat. 33°35', long. 101°54'. Drilled unused water-table well in sand, diameter 18 inches, depth 160 feet. Highest water level 34.82 below lsd, Feb. 18, 1943; lowest 62.16 below lsd, Jan. 11, 1954. Records available: 1949-54. Jan. 11, 62.16.

156. J. M. Phillips. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, blk. A. Lat. 33°36', long. 101°53'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 152 feet, cased to 80. Highest water level 37.81 below lsd, Feb. 1, 1943; lowest 71.16 below lsd, Jan. 11, 1954. Records available: 1936-54. Jan. 11, 71.16.

188. State Experiment Station No. 8. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, blk. O. Lat. 33°35', long. 101°47'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 185 feet, cased to 124, slotted 74-124. Highest water level 74.29 below lsd, Mar. 1, 1945; lowest 89.94 below lsd, Jan. 7, 1954. Records available: 1937-42, 1944-54. Jan. 7, 89.94.

216. Darby. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. RG. Lat. 33°36', long. 101°40'. Drilled farm water-table well in sand, diameter 6 inches, depth 78 feet. Highest water level 46.62 below lsd, Feb. 22, 1944; lowest 62.19 below lsd, Jan. 9, 1953. Records available: 1937, 1944-53. No measurement made in 1954.

219. E. N. Harrison. NW. cor. sec. 5, blk. RG. Lat. 33°38', long. 101°41'. Drilled irrigation water-table well in sand, diameter 16 to 14 inches, depth 193 feet, cased to 108. Highest water level 33.78 below lsd, Jan. 28, 1943; lowest 62.63 below lsd, Jan. 7, 1954. Records available: 1937-50, 1952-54. Jan. 7, 62.63.

222. R. T. Groves. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. RG. Lat. 33°38', long. 101°39'. Drilled unused water-table well in sand, diameter 12 inches, depth 250 feet. Highest water level 47.50 below lsd, Feb. 8, 1944; lowest 70.60 below lsd, Jan. 8, 1954. Records available: 1937-50, 1952-54. Jan. 8, 70.60.

223. W. C. Grimes. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, blk. PG. Lat. 33°37', long. 101°38'. Drilled unused water-table well in sand, diameter 6 inches, depth 64 feet. Highest water level 47.65 below lsd, Oct. 10, 1939; lowest 47.96 below lsd, Jan. 8, 1954. Records available: 1937-54. Jan. 8, 47.96.

234a. R. A. Boyd. SW $\frac{1}{4}$ lab. 12, lge. 4, S.A.C.S.L. Lat. 33°34', long. 101°38'. Drilled irrigation water-table well in sand, depth 160 feet. Highest water level 58.06 below lsd, Mar. 11, 1947; lowest 70.38 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 70.38.

314. C. M. Bender. SW. cor. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, blk. B. Lat. 33°33', long. 101°54'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 150 feet, cased to 101, slotted 41-101. Highest water level 43.12 below lsd, Feb. 27, 1945; lowest 57.4 below lsd, Jan. 10, 1954. Records available: 1937-54. Jan. 10, 57.4.

338. George Langford. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, blk. A. Lat. 33°32', long. 101°59'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 174 feet. Highest water level 64.91 below lsd, Mar. 21, 1947; lowest 89.02 below lsd, Jan. 9, 1954. Records available: 1947-51, 1953-54. Jan. 9, 89.02.

339. J. E. Hinson. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 34, blk. AK. Lat. 33°32', long. 101°58'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 162 feet, cased to 15. Highest water level 59.50 below lsd, Feb. 21, 1945; lowest 88.13 below lsd, Jan. 9, 1954. Records available: 1937, 1939-51, 1953-54. Jan. 9, 88.13.

355. J. A. Medlock. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, blk. CB. Lat. 33°29', long. 102°03'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 188 feet. Highest water level 82.03 below lsd, Feb. 27, 1945; lowest 98.95 below lsd, Jan. 9, 1954. Records available: 1937-52, 1954. Jan. 9, 98.95.

371a. L. E. Evans. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 110, blk. 20. Lat. 33°25', long. 101°48'. Drilled irrigation water-table well in sand, depth 180 feet. Highest water level 86.32 below lsd, Mar. 10, 1947; lowest 110.41 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 110.41.

375a. V. P. Henrich. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, blk. 20. Lat. 33°24', long. 101°44'. Drilled irrigation water-table well in sand, depth 180 feet. Highest water level 78.40 below lsd, Mar. 11, 1947; lowest 102.14 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 102.14.

379c. H. F. Schilling. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, blk. 24. Lat. 33°24', long. 101°41'. Drilled irrigation water-table well in sand. Highest water level 62.37 below lsd, Mar. 11, 1947; lowest 88.76 below lsd, Jan. 9, 1953. Records available: 1947-53. No measurement made in 1954.

392. Mrs. Betty Lindsey and others. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, blk. D6. Lat. 33°34', long. 102°04'. Drilled stock water-table well in sand, diameter 6 inches, depth 95 feet. Highest water level 89.72 below lsd, Feb. 28, 1946; lowest 108.7 below lsd, Jan. 10, 1954. Records available: 1937-39, 1942-54. Jan. 10, 108.7.

398. E. E. Ireland. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, blk. D5. Lat. 33°39', long. 101°57'. Drilled irrigation water-table well in sand, diameter 40 to 10 inches, depth 56 feet. Highest water level 10.29 below lsd, Feb. 1, 1943; lowest 40.82 below lsd, Jan. 10, 1954. Records available: 1937-47, 1949-54. Jan. 10, 40.82.

421. E. E. Elliott. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, blk. JS. Lat. 33°39', long. 101°58'. Drilled irrigation water-table well in sand. Highest water level 37.46 below lsd, Mar. 20, 1947; lowest 65.13 below lsd, Jan. 11, 1954. Records available: 1947-49, 1951, 1953-54. Jan. 11, 65.13.

473. F. H. Cannon. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 147, blk. C. Lat. 33°47', long. 101°38'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 300 feet, cased to 290, slotted 90-290. Highest water level 92.48 below lsd, Feb. 23, 1948; lowest 109.0 below lsd, Jan. 8, 1953. Records available: 1947-53. Measurement discontinued.

473a. G. K. Bullock. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 146, blk. C. Lat. 33°47', long. 101°38'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 342 feet. Highest water level 89.48 below lsd, Mar. 6, 1947; lowest 115.33 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 115.33.

490. George D. Whiting. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 148, blk. C. Lat. 33°45', long. 101°38'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 250 feet, cased to 250, slotted below 85. Highest water level 84.36 below lsd, Feb. 18, 1948; lowest 109.83 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 109.83.

492. Donald Bledsoe. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 149, blk. C. Lat. 33°45', long. 101°38'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 257 feet, cased to 257. Highest water level 75.83 below lsd, Mar. 12, 1947; lowest 95.41 below lsd, Jan. 6, 1954. Records available: 1944, 1947-54. Jan. 6, 95.41.

497. A. B. Steen. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. D7. Lat. 33°44', long. 101°39'. Drilled irrigation water-table well in sand. Highest water level 89.03 below lsd, Feb. 18, 1948; lowest 107.45 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 107.45.

498. V. C. and Ed. Snodgrass. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 151, blk. C. Lat. 33°44', long. 101°38'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 262 feet, cased to 257, slotted 85-250. Highest water level 84.43 below lsd, Feb. 22, 1944; lowest 113.01 below lsd, Jan. 5, 1954. Records available: 1941, 1944-54. Jan. 5, 113.01.

509. E. A. Hendrick. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 94, blk. C. Lat. 33°42', long. 101°35'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 247 feet, cased to 247, slotted 107-247. Highest water level 83.22 below lsd, Feb. 18, 1948; lowest 103.70 below lsd, Jan. 5, 1954. Records available: 1941, 1947-54. Jan. 5, 103.70.

514. E. A. Hendrick. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 94, blk. C. Lat. 33°41', long. 101°35'. Drilled irrigation water-table well in sand, depth 245 feet. Highest water level 83.04 below lsd, Mar. 6, 1947; lowest 104.83 below lsd, Jan. 5, 1954. Records available: 1947-51, 1953-54. Jan. 5, 104.83.

515. E. A. Hendrick. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 94, blk. C. Lat. 33°42', long. 101°34'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 244 feet, cased to 244. Highest water level 87.09 below lsd, Mar. 6, 1947; lowest 110.72 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 110.72.

528a. Aubrey Pounds. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 127, blk. C. Lat. 33°37', long. 101°37'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 276 feet. Highest water level 64.0 below lsd, Mar. 11, 1947; lowest 79.0 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 79.0.

560. G. L. Manning. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 39, blk. D7. Lat. 33°40', long. 101°42'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 206 feet. Highest water level 52.77 below lsd, Feb. 18, 1948; lowest 80.33 below lsd, Jan. 6, 1954. Records available: 1947-52, 1954. Jan. 6, 80.33.

571. H. W. Lasater. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, blk. RG. Lat. 33°37', long. 101°40'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 170 feet, cased to 170. Highest water level 38.70 below lsd, Nov. 21, 1944; lowest 63.17 below lsd, Jan. 8, 1954. Records available: 1944, 1947-54. Jan. 8, 63.17.

583a. Douglas Pounds. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 160, blk. C. Lat. 33°36', long. 101°38'. Drilled irrigation water-table well in sand. Highest water level 47.86 below lsd, Mar. 11, 1947; lowest 55.58 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 55.58.

595. C. C. Sherrod. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 68, blk. A. Lat. 33°36', long. 101°43'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 133 feet. Highest water level 56.21 below lsd, Feb. 19, 1948; lowest 75.10 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 75.10.

601. Robert S. Collins. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, blk. A. Lat. 33°36', long. 101°46'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 132 feet, cased to 121. Highest water level 64.24 below lsd, Feb. 19, 1948; lowest 78.88 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 78.88.

609. H. M. Kinnard, Jr. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 45, blk. A. Lat. 33°38', long. 101°46'. Drilled irrigation water-table well in sand. Highest water level 36.51 below lsd, Mar. 12, 1947; lowest 59.37 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 59.37.

630a. Cecil Brashear. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 61, blk. A. Lat. 33°42', long. 101°44'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 176 feet. Highest water level 68.54 below lsd, Feb. 19, 1949; lowest 83.69 below lsd, Jan. 26, 1952. Records available: 1947-53. No measurement made in 1954.

650. Elmer Edwards. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, blk. D3. Lat. 33°40', long. 101°47'. Drilled irrigation water-table well in sand, depth 180 feet. Highest water level 67.09 below lsd, Mar. 7, 1947; lowest 82.65 below lsd, Jan. 8, 1953. Records available: 1947-53. No measurement made in 1954.

690. O. C. Horne. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, blk. D4. Lat. 33°38', long. 101°52'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 120 feet, cased to 120. Highest water level 44.70 below lsd, Mar. 8, 1947; lowest 61.49 below lsd, Jan. 11, 1954. Records available: 1947-54. Jan. 11, 61.49.

702. L. E. McMenemy. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, blk. D2. Lat. 33°41', long. 101°54'. Drilled irrigation water-table well in sand, diameter 19 to 13 inches, depth 170 feet, cased to 170. Highest water level 80.23 below lsd, Mar. 7, 1947; lowest 99.92 below lsd, Jan. 10, 1954. Records available: 1947-54. Jan. 10, 99.92.

734. E. E. Elliott. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, blk. JS. Lat. 33°38', long. 101°58'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 158 feet. Highest water level 44.01 below lsd, Mar. 20, 1947; lowest 70.69 below lsd, Jan. 11, 1954. Records available: 1947-54. Jan. 11, 70.69.

766. Lloyd Huffaker. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, blk. D6. Lat. 33°35', long. 102°01'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 189 feet, cased to 189. Highest water level 84.61 below lsd, Mar. 20, 1947; lowest 109.25 below lsd, Jan. 10, 1954. Records available: 1947-54. Jan. 10, 109.25.

766a. Lloyd Huffaker. SE $\frac{1}{4}$ sec. 3, blk. D6. Lat. 33°35', long. 102°00'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 205 feet. Highest water level 86.69 below lsd, Mar. 8, 1947; lowest 108.28 below lsd, Jan. 10, 1954. Records available: 1947-51, 1953-54. Jan. 10, 108.28.

775a. M. L. Sheppard. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. D6. Lat. 33°32', long. 102°02'. Drilled irrigation water-table well in sand, diameter 16 inches. Highest water level 77.01 below lsd, Mar. 10, 1947; lowest 101.75 below lsd, Jan. 10, 1954. Records available: 1947-54. Jan. 10, 101.75.

818a. J. B. Patterson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, blk. 20. Lat. 33°23', long. 101°46'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 199 feet. Highest water level 92.05 below lsd, Mar. 10, 1947; lowest 120.15 below lsd, Jan. 7, 1954. Records available: 1947-52, 1954. Jan. 7, 120.15.

839. Plez McMurlen. NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, blk. E. Lat. 33°27', long. 101°52'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 150 feet. Highest water level 77.68 below lsd, Feb. 16, 1943; lowest 100.56 below lsd, Jan. 9, 1954. Records available: 1942-43, 1945, 1947-54. Jan. 9, 100.56.

843a. Ed. Gordon. SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, blk. E. Lat. 33°29', long. 101°50'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 155 feet. Highest water level 74.37 below lsd, Mar. 21, 1947; lowest 93.55 below lsd, Jan. 9, 1954. Records available: 1947-54. Jan. 9, 93.55.

853a. Glenn M. Wages. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, blk. S. Lat. 33°32', long. 101°47'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 112 feet. Highest water level 47.13 below lsd, Mar. 11, 1947; lowest 53.35 below lsd, Jan. 7, 1954. Records available: 1947-54. Jan. 7, 53.35.

868a. W. T. Lemon. SW. cor. NW $\frac{1}{4}$ sec. 75, blk. S. Lat. 33°27', long. 101°47'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 170 feet. Highest water level 71.74 below lsd, Mar. 2, 1948; lowest 96.19 below lsd, Jan. 7, 1954. Records available: 1947-50, 1952, 1954. Jan. 7, 96.19.

868b. W. T. Lemon. SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 75, blk. S. Lat. 33°27', long. 101°47'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 163 feet. Highest water level 81.06 below lsd, Mar. 10, 1947; lowest 109.3 below lsd, Jan. 7, 1954. Records available: 1947-50, 1952-54. Jan. 7, 109.3.

887b. Earl Rogers. NE $\frac{1}{4}$ lab. 28, lge. 4, S.A.C.S.L. Lat. 33°33', long. 101°38'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 147 feet. Highest water level 70.15 below lsd, Mar. 11, 1947; lowest 80.98 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 8, 80.98.

Lynn County

701. E. E. Fagg. NE $\frac{1}{4}$ sec. 41, blk. 8. Lat. 33°00', long. 101°48'. Drilled farm water-table well in sand, diameter 6 inches, depth 72 feet. Highest water level 63.35 below lsd, Mar. 30, 1949; lowest 66.43 below lsd, Sept. 24, 1937. Records available: 1937-39, 1942-44, 1949-52. No measurement made in 1954.

703. Levi Gray. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, blk. 8. Lat. 33°00', long. 101°48'. Drilled farm water-table well in sand, diameter 6 inches, depth 75 feet. Highest water level 62.10 below lsd, Mar. 30, 1949; lowest 64.38 below lsd, July 12, 1937. Records available: 1937-40, 1949-52. No measurement made in 1954.

709. M. M. Davis. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 208, blk. 4. Lat. 33°05', long. 101°47'. Drilled water-table well in sand, diameter 36 inches, depth 24 feet. Highest water level 3.36 below lsd, July 12, 1937; lowest 22.42 below lsd, Mar. 30, 1949. Records available: 1937-40, 1949-53. No measurement made in 1954.

711. Carl Griffin. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 207, blk. 4. Lat. 33°06', long. 101°48'. Dug farm water-table well in sand, diameter 36 inches, depth 24 feet. Highest water level 7.20 below lsd, Sept. 23, 1937; lowest 18.83 below lsd, Mar. 30, 1949. Records available: 1937-38, 1949-53. No measurement made in 1954.

Matagorda County

33. Turtle Bay School. Lat. 28°43', long. 96°17'. Drilled unused artesian well in Lissie formation, diameter 2 inches, depth 361 feet. Highest water level 1.99 above lsd, May 4, 1938; lowest 30.46 below lsd, Mar. 19, 1953. Records available: 1938-46, 1948-54. Mar. 24, 29.37.

40. City of Palacios. Lat. 28°42', long. 96°12'. Drilled unused artesian well in Lissie formation, diameter 12 inches, depth 590 feet. Highest water level 4.53 above lsd, May 3, 1938; lowest 22.19 below lsd, Mar. 24, 1954. Records available: 1934, 1938-46, 1948-54. Mar. 24, 22.19.

Maverick County

M3-7a. M. Rambie. Lat. 28°55', long. 100°06'. Drilled farm artesian well in Carrizo sand, diameter 5 inches, depth 50 feet. Highest water level 42.37 below lsd, July 12, 1946; lowest 48.22 below lsd, Aug. 22, 1952. Records available: 1946-54. Aug. 22, 1952, 48.22; Sept. 11, 1953, 47.68; Oct. 4, 1954, 46.38.

Medina County

1-2-7. Alfred Schlentz. Lat. 29°27', long. 99°11'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 400 feet. Land-surface datum is 971.93 feet above msl. Highest water level 168.82 below lsd, July 8, 1937; lowest 262.39 below lsd, Apr. 9, 1953. Records available: 1930, 1934, 1937-45, 1947-54. Apr. 16, 260.76; July 15, 256.40; Aug. 24, 257.08; Nov. 9, 260.35.

1-3-3. Gus Britch. Lat. 29°24', long. 99°07'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 300 feet. Land-surface datum is 933.54 feet above msl. Highest water level 120.59 below lsd, Nov. 2, 1949; lowest 252.75 below lsd, Nov. 9, 1954. Records available: 1930, 1934, 1937-54. Apr. 16, 247.04; June 3, 243.51; Nov. 9, 252.75.

1-3-4. H. W. McClain. Lat. 29°26', long. 99°06'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 237 feet. Land-surface datum is 944.17 feet above msl. Highest water level 157.83 below lsd, July 8, 1937; lowest 248.41 below lsd, Nov. 9, 1954. Records available: 1930, 1934, 1937-54. Apr. 16, 245.77; June 3, 244.82; July 15, 245.96; Aug. 23, 247.02; Nov. 9, 248.41.

1-4-18. Ross Kennedy Estate. Lat. 29°19', long. 99°24'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 1,600 feet. Land-surface datum is 967.32 feet above msl. Highest water level 191.31 below lsd, July 8, 1937; lowest 281.40 below lsd, Nov. 12, 1954. Records available: 1930, 1934, 1937-54. Apr. 16, 276.43; June 3, 275.34; July 15, 277.25; July 23, 277.97; Aug. 24, 279.73; Nov. 12, 281.40.

1-4-29. Will Kelly. Lat. 29°15', long. 99°20'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 1,303 feet. Land-surface datum is 949.96 feet above msl. Highest water level 180.92 below lsd, July 8, 1937; lowest 269.55 below lsd, Nov. 12, 1954. Records available: 1930, 1934, 1937-38, 1940-54. Apr. 16, 264.41; June 3, 263.60; July 13, 265.36; Aug. 24, 268.14; Nov. 12, 269.55.

1-4-30. Ray McGlauphin. Lat. 29°10', long. 99°19'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 2,000 feet. Land-surface datum is 784.14 feet above msl. Highest water level 18.15 below lsd, Nov. 12, 1941; lowest 103.52 below lsd, Nov. 12, 1954. Records available: 1930, 1934, 1937-38, 1940-54. Apr. 16, 98.50; June 3, 97.97; July 13, 101.45; Aug. 24, 102.78; Nov. 12, 103.52.

XM-3. John Krenmueller. Lat. 29°20', long. 98°59'. Drilled domestic water-table well in limestone, diameter 5 inches, depth 110 feet. Highest water level 59.31 below lsd, Feb. 23, 1950; lowest 74.56 below lsd, July 15, 1954. Records available: 1937-45, 1947-54. Apr. 16, 70.84; July 15, 74.56; Nov. 9, 69.48.

Montgomery County

22. City of Conroe. Lat. 30°18', long. 95°27'. Drilled unused artesian well in sand, diameter 8 inches, depth 1,464 feet, screen 1,125-1,272. Highest water level 1.08 above lsd, May 29, 1944; lowest 21.26 below lsd, Sept. 28, 1954. Records available: 1931, 1939-54. Feb. 18, 12.29; June 14, 14.86; Sept. 28, 21.26; Dec. 14, 16.40.

29. Brown Estate. Lat. 30°17', long. 95°27'. Dug unused water-table well in sand, diameter 4 feet, depth 30 feet, cribbed with brick to 8. Highest water level 13.48 below lsd, Jan. 31, 1947; lowest 26.32 below lsd, Dec. 20, 1954. Records available: 1931-36, 1938-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25.17	24.74	24.66	.....	25.19	.....	25.66	25.75	25.99	26.14	26.24	26.24
2	25.15	24.74	24.67	25.05	25.20	.....	25.67	25.79	26.00	26.18	26.24	26.25
3	25.18	24.71	24.80	25.04	25.25	.....	25.68	25.81	26.00	26.19	26.18	26.24
4	25.16	24.68	24.79	25.04	25.26	.....	25.69	25.83	26.01	26.17	26.18	26.23
5	25.16	24.71	24.76	25.06	25.24	.....	25.69	25.85	26.02	26.18	26.22	26.23
6	25.18	24.69	24.77	25.07	25.23	.....	25.70	25.85	26.02	26.19	26.22	26.25
7	25.14	24.75	24.74	25.07	25.23	.....	25.70	25.85	26.03	26.21	26.21	26.27
8	25.11	24.67	24.73	25.09	25.26	.....	25.70	25.85	26.03	26.22	26.21	26.26
9	25.06	24.62	24.69	25.08	25.27	.....	25.72	25.85	26.04	26.22	26.21	26.27
10	25.06	24.58	24.66	25.08	25.28	.....	25.73	25.86	26.04	26.22	26.21	26.29
11	25.18	24.61	24.66	25.13	25.24	.....	25.76	25.86	26.05	26.22	26.22	26.20
12	25.18	24.76	24.68	25.14	25.24	.....	25.76	25.90	26.06	26.24	26.21	26.21
13	25.06	24.68	24.75	25.12	25.27	.....	25.76	25.90	26.06	26.25	26.19	26.28
14	25.01	24.65	24.88	25.09	25.30	25.52	25.77	25.91	26.07	26.26	26.13	26.29
15	24.96	24.65	24.91	25.08	25.31	25.52	25.74	25.92	26.07	26.27	26.13	26.29
16	25.00	24.68	24.88	25.10	25.32	25.52	25.74	25.92	26.07	26.27	26.16	26.30
17	24.99	24.70	24.79	25.17	25.32	25.53	25.74	25.93	26.08	26.28	26.17	26.30
18	24.91	24.64	24.77	25.14	25.32	25.55	25.74	25.93	26.09	26.27	26.18	26.31
19	24.84	24.60	.....	25.14	25.33	25.57	25.76	25.93	26.10	26.28	26.19	26.31
20	24.84	24.70	.....	25.16	25.33	25.55	25.77	25.94	26.10	26.28	26.19	26.32
21	24.93	24.72	.....	25.17	25.35	25.55	25.78	25.94	26.10	26.28	26.19	.....
22	24.93	24.69	.....	25.17	25.36	25.57	25.79	25.94	26.12	26.03	26.19	.....
23	24.82	24.68	.....	25.18	25.36	25.59	25.80	25.95	26.12	26.11	26.20	.....
24	24.81	24.65	.....	25.19	25.37	25.60	25.81	25.95	26.13	25.90	26.20	.....
25	24.81	24.62	.....	25.19	25.33	25.61	25.82	25.95	26.14	26.09	26.21	.....
26	24.80	24.59	.....	25.19	25.34	25.62	25.83	25.96	26.14	26.18	26.19	26.18
27	24.84	24.60	.....	25.18	25.36	25.63	25.83	25.96	26.14	26.22	26.18	26.19
28	24.77	24.72	.....	25.17	25.37	25.63	25.84	25.97	26.11	26.25	26.18	26.25
29	24.75	.....	.....	25.18	25.38	25.64	25.71	25.98	26.12	26.24	26.21	26.28
30	24.76	.....	.....	25.16	25.40	25.64	25.63	25.98	26.12	26.25	26.23	26.30
31	24.78	.....	.....	.....	25.41	.....	25.69	25.98	.....	26.25	.....	26.25

45. Blair & Sons. Tamina. Lat. 30°10', long. 95°26'. Dug farm water-table well in sand, diameter 24 inches, depth 30 feet, cased with concrete to 30. Highest water level 10.50 below lsd, Mar. 17, 1947; lowest 26.78 below lsd, Aug. 21, 1935. Records available: 1931-36, 1938-53. Measurement discontinued.

46. E. W. Castleschouldt. Lat. 30°10', long. 95°27'. Dug farm water-table well in sand, diameter 24 inches, depth 35 feet, cased with concrete to 35. Highest water level 27.46 below lsd, Feb. 14, 1950; lowest 31.96 below lsd, Aug. 25, 1940. Records available: 1931-36, 1938-54. Feb. 16, 29.48; June 14, 30.38; Sept. 28, 30.65; Dec. 14, 27.87.

57. R. E. Hix and J. W. Bolinghouse. Lat. 30°20', long. 95°28'. Dug farm water-table well in sand, diameter 36 inches, depth 48 feet, cased with concrete to 48. Highest water level 37.94 below lsd, June 4, 1947; lowest 45.54 below lsd, Dec. 14, 1954. Records available: 1940-54. Feb. 16, 44.98; June 14, 45.30; Sept. 28, 45.49; Dec. 14, 45.54.

140. J. M. Liles, test hole R-2. Lat. 30°19', long. 95°27'. Drilled observation water-table well in sand, diameter 1½ inches, depth 21 feet, screen 19-21. Highest water level 0.63 below lsd, Jan. 28, 1944; lowest 13.36 below lsd, Feb. 11, 1952. Records available: 1940-54. Feb. 16, 10.80; Sept. 28, 13.16; Dec. 14, 11.91.

Nacogdoches County

18. City of Cushing. Lat. 31°48', long. 94°50'. Drilled public-supply artesian well in Carrizo sand, diameter 6 inches, depth 320 feet, screen 280-320. Land-surface datum is 409 feet above msl. Highest water level 113.84 below lsd, Apr. 21, 1942; lowest 128.1 below lsd, July 20, 1954. Records available: 1942-45, 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 20, 1953	124.4	Nov. 23, 1953	124.5	Mar. 16, 1954	121.8	June 24, 1954	124.9
Sept. 15	122.9	Jan. 7, 1954	122.7	Apr. 13	123.0	July 20	128.1
Oct. 27	122.9	Feb. 17	121.8	May 19	122.2		

113a. Wm. McCruistian. Lat. 31°41', long. 94°38'. Drilled farm artesian well in Carrizo sand, diameter 9 to 6 inches, depth 400 feet. Highest water level 72.02 below lsd, June 12, 1938; lowest 99.23 below lsd, Nov. 16, 1951. Records available: 1937-45, 1948-52. Measurement discontinued.

121. City of Nacogdoches well 2. Lat. 31°26', long. 94°39'. Drilled public-supply artesian well in Carrizo sand, diameter 20 to 8 inches, depth 500 feet. Highest water level 19.37 below lsd, June 17, 1937; lowest 184.04 below lsd, July 17, 1953. Records available: 1937, 1939-44, 1948-53. No measurement made in 1954.

122. City of Nacogdoches well 1. Lat. 31°36', long. 94°39'. Drilled public-supply well in Carrizo sand, diameter 20 to 8 inches, depth 485 feet. Highest water level 18.04 below lsd, June 17, 1937; lowest 175.25 below lsd, July 17, 1953. Records available: 1937, 1939-44, 1948-53. No measurement made in 1954.

127. J. T. Hall. Lat. 31°39', long. 94°39'. Drilled unused artesian well in Carrizo sand, diameter 4 inches, depth 2,007 feet, cased to 1,400, perforation 540. Highest water level 142.20 below lsd, Feb. 22, 1943; lowest 221.68 below lsd, July 21, 1954. Records available: 1943-45, 1948-54. July 21, 221.68.

178. Shell Pipe Line Co. Lat. 31°26', long. 94°53'. Drilled industrial artesian well in Carrizo sand, diameter 5 inches, depth 500 feet. Highest water level 81.31 below lsd, Apr. 7, 1940; lowest 149.70 below lsd, July 1, 1954. Records available: 1940-45, 1948-54. July 1, 149.70.

271. L. C. Jacobs. Lat. 31°29', long. 94°31'. Drilled oil test converted to stock artesian well in Carrizo sand, diameter 6 inches, depth 400 feet. Highest water level 48.0 above lsd, July 13, 1940; lowest 62.53 below lsd, June 29, 1954. Records available: 1940-44, 1948-54. June 29, 62.53.

322. Southland Paper Mills, Inc. well C7-0. Lat. 31°27', long. 94°40'. Drilled observation artesian well in Carrizo sand, diameter 2 inches, depth 718 feet, screen 664-669. Land-surface datum is 200.7 feet above msl. Highest water level 6.72 above lsd, Sept. 11, 1941; lowest 201.40 below lsd, July 19, 1954. Records available: 1941-54. Jan. 12, 197.56; June 29, 199.60; July 19, 201.40.

325. Southland Paper Mills, Inc. well C9-0. Lat. 31°27', long. 94°34'. Drilled observation artesian well in Carrizo sand, diameter 2 inches, depth 678 feet, screen 655-670. Land-surface datum is 298 feet above msl. Highest water level 79.86 above lsd, Oct. 22, 1941; lowest 219.50 below lsd, June 29, 1954. Records available: 1941-54. Jan. 12, 218.50; June 29, 219.50.

331. Southland Paper Mills, Inc. well W4-0. Lat. 31°29', long. 94°42'. Drilled observation artesian well in Wilcox group, diameter 2 inches, depth 984 feet, screen 805-810. Land-surface datum is 270.90 feet above msl. Highest water level 38.84 below lsd, Dec. 2, 1941; lowest 168.10 below lsd, July 19, 1954. Records available: 1941-54. Jan. 12, 166.02; June 29, 167.45; July 19, 168.10.

Parmer County

4. H. McMillan. SW¼SW¼ sec. 13, T. 16 S. Lat. 34°20', long. 102°57'. Drilled farm water-table well in sand, diameter 4 inches, depth 136 feet. Highest water level 114.60 below lsd, Feb. 2, 1952; lowest 124.25 below lsd, June 22, 1937. Records available: 1937, 1949-53. No measurement made in 1954.

6. Mrs. K. Hamlin. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 16 S. Lat. 34°22', long. 102°59'. Drilled farm water-table well in sand, diameter 4 inches, depth 175 feet. Highest water level 153.05 below lsd, Feb. 13, 1950; lowest 157.19 below lsd, Sept. 15, 1937. Records available: 1937-38, 1942-45, 1948-54. Jan. 5, 154. 80.

9. J. T. Coburn. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 9 S. Lat. 34°26', long. 102°58'. Drilled farm water-table well in sand, diameter 5 inches, depth 220 feet. Highest water level 209.55 below lsd, Mar. 17, 1949; lowest 215.05 below lsd, Jan. 21, 1951. Records available: 1937-39, 1948-54. Jan. 5, 213. 94.

10. J. M. Gunn. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28, T. 7 S. Lat. 34°29', long. 102°54'. Drilled farm water-table well in sand, diameter 4 inches, depth 192 feet. Highest water level 166.40 below lsd, Feb. 1, 1952; lowest 169.59 below lsd, Oct. 26, 1937. Records available: 1937-38, 1948-54. Jan. 10, 168. 53.

11a. T. J. Hawks. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, Davis survey. Lat. 34°42', long. 102°34'. Drilled farm water-table well in sand, diameter 14 inches, depth 160 feet. Highest water level 117.24 below lsd, Mar. 30, 1939; lowest 126.86 below lsd, Jan. 6, 1954. Records available: 1938-39, 1948-50, 1953-54. Jan. 6, 126. 86.

12. Capitol Syndicate. NE. part of sec. 11, T. 7 S. Lat. 34°32', long. 102°51'. Drilled farm water-table well in sand, diameter 4 inches, depth 235 feet. Highest water level 161.85 below lsd, Mar. 17, 1948; lowest 168.95 below lsd, Jan. 12, 1938. Records available: 1937-38, 1948-54. Jan. 5, 164. 97.

20. J. W. Cobb. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, Harrah survey. Lat. 34°39', long. 102°33'. Drilled irrigation water-table well in sand, diameter 12 inches, depth 185 feet. Highest water level 107.51 below lsd, Mar. 27, 1947; lowest 118.61 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 118. 61.

323. W. L. Clampitt. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 15 S. Lat. 34°20', long. 102°55'. Drilled farm water-table well in sand, diameter 3 inches, depth 109 feet. Highest water level 100.50 below lsd, Mar. 17, 1948; lowest 103.02 below lsd, Jan. 5, 1954. Records available: 1937, 1948-50, 1952-54. Jan. 5, 103. 02.

Randall County

103. W. H. Bush Estate. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 64, blk. B5. Lat. 34°57', long. 101°54'. Drilled stock water-table well in sand. Highest water level 8.09 below lsd, June 14, 1937; lowest 11.16 below lsd, Sept. 29, 1939. Records available: 1937-43, 1946-54. Jan. 7, 9.02. Measurement discontinued.

110. Price Bros. NW. cor. sec. 66, blk. B5. Lat. 34°57', long. 101°56'. Drilled farm water-table well in sand, diameter 4 inches, depth 75 feet. Highest water level 50.19 below lsd, Jan. 12, 1952; lowest 56.25 below lsd, Mar. 15, 1948. Records available: 1937, 1941-43, 1946-54. Jan. 7, 50. 68.

145a. Owner unknown. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. B5. Lat. 35°00', long. 102°03'. Drilled unused water-table well in sand, diameter 6 inches, depth 122 feet. Highest water level 110.56 below lsd, Jan. 7, 1954; lowest 111.73 below lsd, June 10, 1938. Records available: 1938-42, 1946-52, 1954. Jan. 7, 110. 56.

189a. W. F. Miller. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 109, blk. M8. Lat. 34°45', long. 101°49'. Drilled unused water-table well in sand, diameter 5 inches, depth 100 feet. Highest water level 89.18 below lsd, Mar. 7, 1949; lowest 96.74 below lsd, Mar. 19, 1941. Records available: 1938-41, 1947-54. Jan. 7, 94. 72.

A2a. City of Amarillo. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 134, blk. 9. Lat. 35°06', long. 102°00'. Drilled observation well in sand, diameter 13 to 10 inches, depth 200 feet, cased to 200, casing perforated bottom 34 feet. Highest water level 106.22 below lsd, July 8, 1948; lowest 136.31 below lsd, Feb. 11, 20-21, 1954. Records available: 1948-54.

Daily highest water level from recorder graph*

Day	Jan.	Feb.	Mar.	Apr.	May	Sept.
1	136.21	136.23	136.18	135.97	.....
2	136.23	136.30	136.18	136.00	.....
3	136.22	136.29	136.18	135.97	.....
4	136.24	136.27	136.18	135.95	.....
5	136.25	136.27	136.17	135.95	.....
6	136.25	136.27	136.17	135.95	.....
7	136.28	136.27	136.16	135.95	.....
8	136.28	136.23	136.15	135.92	.....
9	136.26	136.23	136.13	135.92	.....
10	136.26	136.24	136.13	.....	.....

A2a--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	Sept.
11	.....	136.31	136.20	136.15	.....	.....
12	.....	136.25	136.21	136.14	.....	.....
13	.....	136.25	136.28	136.12	.....	.....
14	.....	136.26	136.25	136.12	.....	.....
15	.....	136.28	136.25	136.12	.....	.....
16	136.03	136.30	136.23	136.15	.....	.....
17	136.04	136.28	136.19	136.12	.....	.....
18	136.04	136.23	136.19	136.12	.....	.....
19	136.06	136.24	136.14	136.12	.....	.....
20	136.06	136.31	136.27	136.12	.....	.....
21	136.14	136.31	136.26	136.12	.....	h134.86
22	136.11	136.28	136.26	136.09	.....	.....
23	136.10	136.28	136.23	136.08	.....	.....
24	136.12	136.27	136.23	136.08	.....	.....
25	136.14	136.27	136.24	136.05	.....	.....
26	136.15	136.22	136.26	136.04	.....	.....
27	136.17	136.23	136.22	.....	.....	.....
28	136.17	136.23	136.20	.....	.....	.....
29	136.17	.....	136.20	135.95	.....	.....
30	136.19	.....	136.18	135.98	.....	.....
31	136.21	.....	136.19	.....	.....	.....

* No record for June, July, August, October, November, and December.

h Tape measurement.

San Patricio County

80. Lewis Caldwell. Lat. 27°52', long. 97°11'. Drilled farm artesian well in sand, diameter 4 inches, depth 90 feet. Land-surface datum is 15.44 feet above msl. Highest water level 14.76 below lsd, Nov. 15, 1949; lowest 17.59 below lsd, Aug. 6, 1940. Records available: 1938-42, 1945, 1947, 1949-51, 1953-54. Dec. 13, 16.78.

85. W. H. Bryan. Lat. 27°53', long. 97°11'. Drilled unused water-table well in sand, diameter 4 inches, depth 35 feet. Land-surface datum is 15.73 feet above msl. Highest water level 8.92 below lsd, Dec. 27, 1949; lowest 21.23 below lsd, Dec. 12, 1939. Records available: 1938-42, 1945, 1947, 1949-51, 1953-54. Dec. 13, 17.04.

129. B. A. Linderman. Lat. 27°54', long. 97°09'. Drilled unused artesian well in sand, diameter 4 inches, depth 76 feet. Land-surface datum is 13.41 feet above msl. Highest water level 14.46 below lsd, Nov. 16, 1949; lowest 21.98 below lsd, Aug. 5, 1940. Records available: 1938, 1940-42, 1945, 1947, 1949-51, 1953-54. Dec. 15, 16.15.

140. Bruce Hannah. Lat. 27°52', long. 97°11'. Drilled farm water-table well in sand, diameter 4 inches, depth 24 feet. Land-surface datum is 15.00 feet above msl. Highest water level 14.46 below lsd, Nov. 16, 1949; lowest 21.98 below lsd, Aug. 5, 1940. Records available: 1938-42, 1945, 1947, 1949-51, 1953-54. Dec. 15, 16.15.

Swisher County

1. Will Vaughn. NW cor. sec. 10, blk. M6. Lat. 34°40', long. 101°55'. Drilled irrigation water-table well in sand, diameter 18 to 12 inches, depth 203 feet. Highest water level 88.73 below lsd, May 31, 1937; lowest 100.35 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1947-54. Jan. 5, 100.35.

2. I. Irlbeck. NW¼SW¼ sec. 63, blk. M8. Lat. 34°41', long. 101°51'. Drilled unused water-table well in sand, diameter 6 inches, depth 94 feet. Highest water level 76.67 below lsd, Jan. 5, 1954; lowest 78.01 below lsd, Dec. 13, 1938. Records available: 1937-54. Jan. 5, 76.67.

36. W. C. Cowan. SE¼SE¼ sec. 3, blk. W1. Lat. 34°35', long. 101°48'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 226 feet. Highest water level 53.70 below lsd, Feb. 10, 1944; lowest 67.54 below lsd, Jan. 5, 1954. Records available: 1934, 1937, 1940-49, 1951-52, 1954. Jan. 5, 67.54.

37. H. H. Terrell. NE¼SW¼ sec. 3, blk. W1. Lat. 34°34', long. 101°48'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 250 feet. Highest water level 62.67 below lsd, Sept. 13, 1937; lowest 82.42 below lsd, Jan. 5, 1954. Records available: 1937-44, 1946-54. Jan. 5, 82.42.

40. Murray Vise. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, blk. W1. Lat. 34°36', long. 101°46'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 285 feet. Highest water level 59.28 below lsd, May 29, 1943; lowest 72.42 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1947-50, 1952-54. Jan. 5, 72.42.
80. Marshall Vaughn. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 77, blk. M8. Lat. 34°32', long. 101°50'. Drilled irrigation water-table well in sand. Highest water level 68.34 below lsd, Mar. 15, 1947; lowest 86.53 below lsd, Jan. 4, 1954. Records available: 1947-54. Jan. 4, 86.53.
101. C. J. Levitt. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 95, blk. M9. Lat. 34°41', long. 101°43'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 230 feet, cased to 188, slotted below 70. Highest water level 70.63 below lsd, Mar. 17, 1947; lowest 80.25 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 80.25.
108. Joe Richardson. Lab. 24, lge. 4, S. J. C. S. L. Lat. 34°38', long. 101°30'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 210 feet. Highest water level 70.66 below lsd, Apr. 20, 1934; lowest 86.88 below lsd, Jan. 5, 1954. Records available: 1934, 1937, 1943, 1945-54. Jan. 5, 86.88.
113. Mrs. G. M. Tucker. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 198, blk. M9. Lat. 34°37', long. 101°37'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 210 feet. Highest water level 58.46 below lsd, Nov. 30, 1937; lowest 68.46 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1945-54. Jan. 5, 68.46.
115. W. W. Parker. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 164, blk. M9. Lat. 34°38', long. 101°39'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 226 feet. Highest water level 56.78 below lsd, May 28, 1943; lowest 70.35 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1945-54. Jan. 5, 70.35.
119. W. A. Byrd. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, blk. RC. Lat. 34°36', long. 101°42'. Drilled irrigation water-table well in sand, diameter 18 inches. Highest water level 50.22 below lsd, May 29, 1943; lowest 67.11 below lsd, Jan. 5, 1954. Records available: 1943, 1947-54. Jan. 5, 67.11.
124. W. C. Watson. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 125, blk. M10. Lat. 34°34', long. 101°34'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 188 feet, cased to 120, slotted below 45. Highest water level 46.91 below lsd, Nov. 26, 1937; lowest 70.91 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1947-49, 1951-54. Jan. 5, 70.91.
127. W. B. Ballard. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 124, blk. M10. Lat. 34°35', long. 101°34'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 197 feet. Highest water level 52.38 below lsd, Nov. 26, 1937; lowest 66.38 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1945-54. Jan. 5, 66.38.
139. E. B. McCrary. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. M15. Lat. 34°34', long. 101°41'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 208 feet. Highest water level 50.30 below lsd, May 29, 1943; lowest 55.43 below lsd, Jan. 5, 1954. Records available: 1943, 1945-54. Jan. 5, 55.43.
165. W. L. Pevehouse. NE. cor. sec. 33, blk. B3. Lat. 34°38', long. 101°30'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 200 feet. Highest water level 78.14 below lsd, Feb. 22, 1945; lowest 91.82 below lsd, Jan. 5, 1954. Records available: 1943, 1945-54. Jan. 5, 91.82.
167. A. J. Harris. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 116, blk. M10. Lat. 34°37', long. 101°33'. Drilled irrigation water-table well in sand. Highest water level 52.45 below lsd, Nov. 26, 1937; lowest 65.70 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1945-54. Jan. 5, 65.70.
231. L. L. Armor. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 87, blk. B2. Lat. 34°24', long. 101°34'. Drilled irrigation water-table well in sand, diameter 18 inches. Highest water level 51.39 below lsd, Nov. 8, 1937; lowest 82.13 below lsd, Jan. 5, 1954. Records available: 1937, 1943-54. Jan. 5, 82.13.
233. L. L. Armor. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 88, blk. B2. Lat. 34°23', long. 101°34'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 203 feet, cased to 203, slotted 75-203. Highest water level 50.85 below lsd, Nov. 8, 1937; lowest 87.22 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1947-54. Jan. 5, 87.22.
247. R. J. Pool. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 80, blk. B2. Lat. 34°21', long. 101°33'. Drilled irrigation water-table well in sand, diameter 18 to 12 inches, depth 226 feet, slotted casing 20-140. Highest water level 57.34 below lsd, Nov. 9, 1937; lowest 80.74 below lsd, Jan. 6, 1954. Records available: 1937, 1943, 1948-54. Jan. 6, 80.74.

255. Dr. H. H. Hicks. NW. cor. NE $\frac{1}{4}$ sec. 2, blk. B6. Lat. 34°22', long. 101°37'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet, slotted casing 70-95. Highest water level 40.95 below lsd, Oct. 4, 1937; lowest 68.44 below lsd, Jan. 6, 1954. Records available: 1937-38, 1940-54. Jan. 6, 68.44.
299. E. V. Elkins. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 152, blk. A. Lat. 34°31', long. 101°38'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 101 feet. Highest water level 41.7 below lsd, Nov. 26, 1937; lowest 53.20 below lsd, Jan. 5, 1954. Records available: 1937, 1943, 1945-50, 1952-54. Jan. 5, 53.20.
302. J. D. Vaughn. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, blk. W1. Lat. 34°31', long. 101°46'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 233 feet. Highest water level 62.74 below lsd, Apr. 20, 1934; lowest 77.17 below lsd, Jan. 7, 1954. Records available: 1934, 1937, 1939-54. Jan. 7, 77.17.
305. J. L. Cantrell. NW. cor. NE $\frac{1}{4}$ sec. 25, blk. W1. Lat. 34°30', long. 101°44'. Drilled stock water-table well in sand, diameter 6 inches, depth 48 feet. Highest water level 36.72 below lsd, June 11, 1938; lowest 51.07 below lsd, Jan. 6, 1954. Records available: 1937-43, 1945-54. Jan. 6, 51.07.
307. J. S. Vars. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, blk. M15. Lat. 34°29', long. 101°42'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 173 feet, slotted casing 41-173. Highest water level 55.23 below lsd, Mar. 14, 1947; lowest 67.86 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 67.86.
310. Clyde Wilkins. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, blk. M15. Lat. 34°30', long. 101°41'. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 172 feet, slotted casing 22-172. Highest water level 68.05 below lsd, Mar. 2, 1948; lowest 83.72 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 83.72.
332. W. F. Kerr. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, blk. M13. Lat. 34°25', long. 101°45'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 209 feet, slotted casing to 172. Highest water level 63.49 below lsd, Feb. 3, 1943; lowest 88.93 below lsd, Jan. 6, 1954. Records available: 1937-54. Jan. 6, 88.93.
333. W. A. Snell. NW. cor. NE $\frac{1}{4}$ sec. 37, blk. M13. Lat. 34°24', long. 101°46'. Drilled irrigation water-table well in sand, diameter 18 inches. Highest water level 79.37 below lsd, Mar. 12, 1937; lowest 95.34 below lsd, Jan. 4, 1954. Records available: 1947-54. Jan. 4, 95.34.
359. E. E. Farmway. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 57, blk. M13. Lat. 34°21', long. 101°47'. Drilled irrigation water-table well in sand, diameter 18 inches, depth 220 feet. Highest water level 73.68 below lsd, Dec. 1, 1937; lowest 105.72 below lsd, Jan. 4, 1954. Records available: 1937-54. Jan. 4, 105.72.
368. C. F. Harris. Lat. 34°19', long. 101°44'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 212 feet. Highest water level 73.99 below lsd, May 4, 1936; lowest 107.79 below lsd, Jan. 4, 1954. Records available: 1936-54. Jan. 4, 107.79.
370. Neeley Culp. Lat. 34°19', long. 101°43'. Drilled irrigation water-table well in sand, diameter 26 to 10 inches, depth 348 feet. Highest water level 68.0 below lsd, Apr. 13, 1914; lowest 105.18 below lsd, Jan. 6, 1954. Records available: 1914, 1936-49, 1951-54. Jan. 6, 105.18.
376. H. F. Axtell. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 52, blk. M14. Lat. 34°21', long. 101°42'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 400 feet, cased to 72. Highest water level 68.6 below lsd, Nov. 3, 1937; lowest 104.21 below lsd, Jan. 6, 1954. Records available: 1937, 1947-54. Jan. 6, 104.21. Measurement discontinued.
383. S. R. Golden. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 54, blk. M14. Lat. 34°18', long. 101°41'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 208 feet. Highest water level 70.71 below lsd, Apr. 18, 1934; lowest 101.23 below lsd, Jan. 6, 1954. Records available: 1914, 1934, 1936-54. Jan. 6, 101.23.
407. Ernest M. Johnson. SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, blk. K2. Lat. 34°26', long. 101°50'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 229 feet, cased to 229, slotted below 90. Highest water level 91.0 below lsd, Apr. 1937; lowest 134.54 below lsd, Jan. 4, 1954. Records available: 1937, 1944-54. Jan. 4, 134.54.
408. J. A. Ellis. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, blk. K2. Lat. 34°26', long. 101°49'. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 202 feet, cased to 202, slotted below 85. Highest water level 86.90 below lsd, Sept. 24, 1937; lowest 113.62 below lsd, Jan. 4, 1954. Records available: 1937, 1948-54. Jan. 4, 113.62.

410. E. E. Cox. SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, blk. K. Lat. 34°24', long. 101°49'. Drilled irrigation water-table well in sand, diameter 16 to 14 inches, depth 167 feet, cased to 160. Highest water level 92.7 below lsd, Sept. 23, 1937; lowest 116.80 below lsd, Jan. 4, 1954. Records available: 1937, 1947-54. Jan. 4, 116.80.

418. O. Milner. NW. cor. sec. 93, blk. M11. Lat. 34°22', long. 101°57'. Drilled irrigation water-table well in sand, diameter 26 inches, depth 210 feet. Highest water level 74.73 below lsd, Oct. 6, 1937; lowest 100.08 below lsd, Jan. 7, 1953. Records available: 1937, 1943, 1946, 1948-54. Jan. 4, 97.91.

421. A. U. Perryman. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. K3. Lat. 34°19', long. 101°59'. Drilled irrigation water-table well in sand, diameter 20 inches, depth 240 feet, cased to 230, slotted below 60. Highest water level 59.42 below lsd, Jan. 27, 1943; lowest 77.45 below lsd, Jan. 7, 1953. Records available: 1938-39, 1941-50, 1952-53. No measurement made in 1954.

433. E. E. Cox. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, blk. K. Lat. 34°24', long. 101°29'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 265 feet, cased to 238. Highest water level 102.53 below lsd, Mar. 12, 1947; lowest 118.69 below lsd, Jan. 4, 1954. Records available: 1947-54. Jan. 4, 118.69.

438. Frederick Roussier. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. K. Lat. 34°23', long. 101°51'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 216 feet. Highest water level 111.40 below lsd, Mar. 13, 1937; lowest 136.86 below lsd, Jan. 4, 1954. Records available: 1937, 1948-49, 1951-54. Jan. 4, 136.86.

448. C. A. Davis. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, blk. C4. Lat. 34°21', long. 101°49'. Drilled irrigation water-table well in sand. Highest water level 85.09 below lsd, Feb. 28, 1948; lowest 107.53 below lsd, Jan. 4, 1954. Records available: 1947-54. Jan. 4, 107.53.

480. R. Q. Silverthorne. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35, blk. K. Lat. 34°20', long. 101°56'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 203 feet, cased to 203, slotted 68-203. Highest water level 73.6 below lsd, Dec. 7, 1945; lowest 93.00 below lsd, Jan. 4, 1954. Records available: 1945, 1947-49, 1951-54. Jan. 4, 93.00.

498. J. F. Benefield. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, blk. M11. Lat. 34°30', long. 101°58'. Drilled irrigation water-table well in sand, depth 200 feet. Highest water level 94.71 below lsd, Mar. 1, 1948; lowest 105.00 below lsd, Jan. 4, 1954. Records available: 1947-50, 1952-54. Jan. 4, 105.00.

507. Clyde Bradford. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 68, blk. M8. Lat. 34°37', long. 101°52'. Drilled irrigation water-table well in sand, depth 175 feet. Highest water level 80.7 below lsd, Nov. 27, 1945; lowest 93.15 below lsd, Jan. 5, 1954. Records available: 1945, 1947-54. Jan. 5, 93.15.

702. Charles T. Herring. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 112, blk. A. Lat. 34°31', long. 101°34'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet. Highest water level 39.10 below lsd, May 15, 1943; lowest 46.22 below lsd, Jan. 5, 1954. Records available: 1943, 1947-54. Jan. 5, 46.22.

704. C. L. Gunter. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 117, blk. A. Lat. 34°28', long. 101°36'. Drilled irrigation water-table well in sand. Highest water level 38.42 below lsd, Mar. 14, 1947; lowest 53.83 below lsd, Jan. 5, 1954. Records available: 1945, 1947-54. Jan. 5, 53.83.

705. C. L. Gunter. SE. cor. sec. 117, blk. A. Lat. 34°28', long. 101°35'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 171 feet. Highest water level 48.80 below lsd, Mar. 14, 1947; lowest 71.02 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 71.02.

709. J. C. Johnson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 95, blk. A. Lat. 34°28', long. 101°32'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 179 feet, slotted casing 80-140. Highest water level 82.92 below lsd, Mar. 14, 1937; lowest 101.82 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 101.82.

743. F. P. Ham. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 74, blk. B2. Lat. 34°23', long. 101°31'. Drilled irrigation water-table well in sand, depth 162 feet. Highest water level 53.53 below lsd, Mar. 14, 1947; lowest 69.95 below lsd, Jan. 5, 1954. Records available: 1947-54. Jan. 5, 69.95.

806. L. B. LeMaster. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, blk. W1. Lat. 34°30', long. 101°45'. Drilled irrigation water-table well in sand, diameter 15 inches, depth 168 feet, cased to 150. Highest water level 61.31 below lsd, Mar. 14, 1947; lowest 74.56 below lsd, Jan. 6, 1954. Records available: 1947-52, 1954. Jan. 6, 74.56.

815. Roy Stockett. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. M13. Lat. 34°27', long. 101°43'. Drilled irrigation water-table well in sand. Highest water level 66.49 below lsd, Mar. 14, 1947; lowest 88.34 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 88.34.

821. W. Boston. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, blk. M13. Lat. 34°25', long. 101°47'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet, cased to 140, slotted 80-140. Highest water level 86.20 below lsd, Mar. 12, 1947; lowest 106.38 below lsd, Jan. 4, 1954. Records available: 1945, 1947-54. Jan. 4, 106.38.

858. W. Sorelle. NE. cor. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 41, blk. M13. Lat. 34°24', long. 101°44'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet. Highest water level 60.62 below lsd, Mar. 13, 1947; lowest 82.93 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 82.93.

889. A. A. Boling. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 38, blk. M14. Lat. 34°23', long. 101°40'. Drilled irrigation water-table well in sand. Highest water level 75.98 below lsd, Mar. 13, 1947; lowest 95.28 below lsd, Jan. 6, 1954. Records available: 1947-54. Jan. 6, 95.28.

896. Roy Stockett. NW. cor. NE $\frac{1}{4}$ sec. 16, blk. M15. Lat. 34°28', long. 101°42'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 202 feet. Highest water level 55.23 below lsd, Mar. 14, 1947; lowest 89.20 below lsd, Jan. 8, 1954. Records available: 1947-54. Jan. 6, 69.20.

932. Harry Chenoweth. SW. cor. sec. 12, blk. K2. Lat. 34°26', long. 101°53'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 270 feet, cased to 170. Highest water level 95.87 below lsd, Mar. 15, 1947; lowest 118.46 below lsd, Jan. 4, 1954. Records available: 1947-49, 1951-54. Jan. 4, 118.46.

935. F. L. Lemley. SW. cor. sec. 5, blk. K. Lat. 34°25', long. 101°50'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 208 feet. Highest water level 87.21 below lsd, Mar. 12, 1947; lowest 102.95 below lsd, Jan. 4, 1954. Records available: 1947-54. Jan. 4, 102.95.

936. F. L. Lemley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, blk. K. Lat. 34°25', long. 101°50'. Drilled irrigation water-table well in sand, diameter 16 inches, depth 210 feet, cased to 210, slotted below 64. Highest water level 92.68 below lsd, Mar. 12, 1947; lowest 115.45 below lsd, Jan. 4, 1954. Records available: 1947-54. Jan. 4, 115.45.

947. Otis Harman. NW. cor. sec. 23, blk. M11. Lat. 34°29', long. 101°52'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 243 feet, cased to 146, slotted 70-146. Highest water level 80.40 below lsd, Mar. 15, 1947; lowest 95.09 below lsd, Jan. 4, 1954. Records available: 1947-49, 1951-54. Jan. 4, 95.09.

Terry County

2. J. P. Cox. NW. cor. SE $\frac{1}{4}$ sec. 47, blk. DD. Lat. 33°00', long. 102°29'. Drilled farm water-table well in sand, diameter 4 inches, depth 120 feet. Highest water level 98.15 below lsd, Jan. 21, 1953; lowest 105.58 below lsd, June 25, 1937. Records available: 1937-40, 1943-44, 1953-54. Jan. 12, 99.12.

14. J. S. Smith. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 82, blk. T. Lat. 33°14', long. 102°15'. Drilled stock water-table well in sand, diameter 6 inches, depth 102 feet. Highest water level 71.69 below lsd, Feb. 4, 1952; lowest 87.23 below lsd, June 23, 1937. Records available: 1937-40, 1950, 1952-54. Jan. 12, 72.42.

16. Challis Baptist Church. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 64, blk. 4X. Lat. 33°16', long. 102°14'. Drilled domestic water-table well in sand, diameter 6 inches, depth 114 feet. Highest water level 83.57 below lsd, Jan. 21, 1953; lowest 97.39 below lsd, June 23, 1937. Records available: 1937-44, 1949-54. Jan. 12, 84.53.

17a. Watkins. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, blk. 4X. Lat. 33°13', long. 102°14'. Drilled stock water-table well in sand, diameter 6 inches, depth 90 feet. Highest water level 76.78 below lsd, Feb. 25, 1944; lowest 84.41 below lsd, Jan. 12, 1954. Records available: 1938-40, 1943-44, 1949, 1952-54. Jan. 12, 84.41.

21a. Crump. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18, blk. 4X. Lat. 33°18', long. 102°12'. Drilled unused water-table well in sand, diameter 6 inches, depth 88 feet. Highest water level 59.50 below lsd, Feb. 5, 1952; lowest 68.09 below lsd, Nov. 20, 1940. Records available: 1939-44, 1949-54. Jan. 12, 61.94.

Travis County

261. H. C. Warren. Lat. 30°17', long. 97°41'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 270 feet. Land-surface datum is 903.93 feet above msl. Highest water level 198.30 below lsd, July 24, 1941; lowest 233.87 below lsd, Aug. 10, 1954. Records available: 1940-46, 1948-54. Apr. 20, 228.63; Aug. 10, 233.87; Dec. 28, 230.34.

266. Robinson Ranch. Lat. 30°26', long. 97°41'. Drilled farm artesian well in Edwards limestone, diameter 5 inches, depth 276 feet. Land-surface datum is 831.37 feet above msl. Highest water level 157.06 below lsd, May 25, 1945; lowest 250.91 below lsd, Aug. 10, 1954. Records available: 1940-46, 1948-54. Apr. 20, 246.13; Aug. 10, 250.91; Dec. 30, 247.73.

280. Travis County. Lat. 30°24', long. 97°42'. Dug domestic water-table well in Austin chalk, diameter 8 inches, depth 400 feet. Highest water level 7.72 below lsd, Apr. 11, 1944; lowest 21.40 below lsd, Jan. 8, 1952. Records available: 1939-46, 1948-54. Apr. 20, 11.64; Aug. 10, 15.69; Dec. 28, 17.74.

322. Carl Wagner. Lat. 30°21', long. 97°41'. Drilled unused artesian well in Edwards limestone, diameter 6 inches, depth 484 feet. Land-surface datum is 721.41 feet above msl. Highest water level 113.58 below lsd, July 24, 1941; lowest 191.53 below lsd, Aug. 10, 1954. Records available: 1940-46, 1948-54. Aug. 10, 191.53; Dec. 30, 187.30.

323. Joe Crow. Lat. 30°20', long. 97°41'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 400 feet. Land-surface datum is 674.14 feet above msl. Highest water level 62.97 below lsd, July 24, 1941; lowest 117.58 below lsd, Aug. 11, 1942. Records available: 1940-46, 1948-54. Aug. 11, 99.12; Dec. 30, 93.84.

327. Walling Estate. Lat. 30°19', long. 97°42'. Drilled unused artesian well in Edwards limestone, diameter 5 inches, depth 442 feet. Land-surface datum is 717.87 feet above msl. Highest water level 132.14 below lsd, May 25, 1945; lowest 188.47 below lsd, Dec. 19, 1952. Records available: 1940-46, 1948-53. Measurement discontinued.

328. Walling Estate. Lat. 30°19', long. 97°42'. Dug unused water-table well in Austin chalk, diameter 35 inches, depth 37 feet. Highest water level 4.39 below lsd, July 24, 1941; lowest 32.07 below lsd, Aug. 12, 1942. Records available: 1940-46, 1948-53. Measurement discontinued.

341. Austin Memorial Park Cemetery. Lat. 30°19', long. 97°45'. Drilled unused artesian well in Edwards limestone, diameter 6 inches, depth 330 feet. Land-surface datum is 706.89 feet above msl. Highest water level 191.89 below lsd, Dec. 15, 1953; lowest 216.78 below lsd, Mar. 9, 1954. Records available: 1949-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200.85	213.84	215.94	213.99	214.10	213.60	214.16	214.45	214.25	214.38	214.81	214.79
2	201.41	213.84	215.94	214.00	214.20	213.75	214.20	214.40	214.27	214.38	214.83	214.81
3	202.14	213.86	216.19	214.00	214.23	213.88	214.27	214.40	214.34	214.38	214.77	214.73
4	202.68	213.87	216.42	213.97	214.23	213.94	214.32	214.40	214.38	214.41	214.75	214.65
5	203.36	213.93	216.57	213.96	214.27	213.90	214.31	214.35	214.45	214.47	214.74	214.65
6	204.00	214.00	216.65	213.94	214.24	213.86	214.32	214.28	214.47	214.49	214.68	214.73
7	204.65	214.15	216.73	213.92	214.30	213.86	214.33	214.23	214.43	214.54	214.65	214.73
8	205.49	214.35	216.75	213.93	214.23	213.90	214.34	214.23	214.43	214.58	214.65	214.73
9	206.50	214.38	216.78	213.93	214.13	213.97	214.28	214.20	214.45	214.58	214.65	214.75
10	207.39	214.37	216.64	213.95	214.13	214.06	214.21	214.19	214.47	214.58	214.65	214.70
11	208.33	214.39	216.42	213.99	213.99	214.10	214.20	214.19	214.38	214.58	214.66	214.65
12	209.07	214.58	216.12	214.00	213.95	214.10	214.15	214.18	214.38	214.58	214.70	214.69
13	209.75	214.73	215.79	213.98	213.95	214.11	214.16	214.23	214.43	214.62	214.70	214.70
14	210.27	214.78	215.44	213.95	213.97	214.14	214.21	214.31	214.48	214.63	214.70	214.72
15	210.70	214.82	215.18	213.92	214.07	214.12	214.23	214.37	214.48	214.66	214.70	214.75
16	211.06	214.92	214.91	213.96	214.18	214.11	214.23	214.38	214.55	214.70	214.65	214.74
17	211.42	215.08	214.65	213.99	214.13	214.11	214.28	214.35	214.50	214.66	214.65	214.80
18	211.75	215.18	214.40	213.93	214.12	214.12	214.34	214.34	214.46	214.66	214.65	214.80
19	211.96	215.19	214.33	214.00	214.12	214.10	214.34	214.35	214.38	214.66	214.65	214.79
20	212.12	215.30	214.31	214.00	214.12	214.08	214.35	214.40	214.35	214.66	214.65	214.79
21	212.37	215.40	214.31	213.95	214.07	214.08	214.35	214.41	214.35	214.66	214.65	214.76
22	212.67	215.57	214.23	213.94	214.02	214.08	214.37	214.40	214.40	214.65	214.65	214.76
23	212.89	215.65	214.14	213.94	214.02	214.11	214.43	214.40	214.46	214.65	214.65	214.76
24	213.01	215.78	214.03	213.95	213.88	214.06	214.44	214.44	214.52	214.65	214.65	214.77
25	213.10	215.80	214.10	213.98	213.61	214.06	214.44	214.42	214.47	214.65	214.66	214.75
26	213.22	215.74	214.03	213.95	213.52	214.07	214.40	214.42	214.47	214.65	214.66	214.75
27	213.36	215.74	213.95	214.03	213.45	214.05	214.38	214.42	214.47	214.65	214.66	214.75
28	213.55	215.85	213.88	214.05	213.45	214.05	214.38	214.32	214.49	214.66	214.66	214.75
29	213.62		213.86	214.05	213.48	214.05	214.38	214.28	214.50	214.66	214.73	214.74
30	213.66		213.86	214.05	213.55	214.08	214.45	214.28	214.42	214.73	214.76	214.65
31	213.77		213.88		213.55		214.49	214.25		214.78		214.60

392. Tom Williams. Lat. 30°23', long. 97°44'. Drilled farm water-table well in limestone, diameter 6 inches, depth 49 feet. Land-surface datum is 872.73 feet above msl. Highest water level 8.09 below lsd, Mar. 28, 1946; lowest 21.42 below lsd, Apr. 15, 1953. Records available: 1940-46, 1948-54. Apr. 20, 17.22; Aug. 10, 18.36; Dec. 28, 19.27.

414. J. R. McElroy. Lat. 30°25', long. 97°45'. Drilled farm water-table well in limestone, diameter 6 inches, depth 90 feet. Land-surface datum is 950.09 feet above msl. Highest water level 37.64 below lsd, Mar. 29, 1946; lowest 45.92 below lsd, Apr. 20, 1954. Records available: 1940-46, 1948-54. Apr. 20, 45.92; Aug. 10, 45.83; Dec. 28, 43.22.

460. Rosa Dellanna. Lat. 30°16', long. 97°46'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 135 feet. Highest water level 74.38 below lsd, July 28, 1941; lowest 88.28 below lsd, Apr. 24, 1952. Records available: 1937, 1941-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2	82.59	Apr. 20	83.39	July 26	84.10	Oct. 22	85.29
25	82.52	May 24	83.60	Aug. 20	84.35	Nov. 26	85.70
Mar. 25	82.87	June 29	83.94	Sept. 24	85.10	Dec. 23	86.17

502. H. S. Lawson Estate. Lat. 30°11', long. 97°46'. Dug unused water-table well in Austin chalk, diameter 6 feet, depth 25 feet. Highest water level 0.90 above lsd, Jan. 29, 1947; lowest 20.72 below lsd, Nov. 26, 1954. Records available: 1937-54.

Feb. 2	8.40	Apr. 20	13.57	July 26	17.17	Oct. 22	20.00
25	9.82	May 24	15.17	Aug. 20	18.01	Nov. 26	20.72
Mar. 25	12.05	June 29	15.70	Sept. 24	18.62	Dec. 23	19.96

618. Homer Heep. Lat. 30°06', long. 97°48'. Dug unused water-table well in Austin chalk, diameter 36 inches, depth 105 feet. Highest water level 7.29 below lsd, Nov. 7, 1946; lowest 27.71 below lsd, Dec. 23, 1954. Records available: 1938-54.

Feb. 2	18.93	Apr. 20	24.34	July 26	27.36	Oct. 22	27.63
25	20.33	May 24	25.83	Aug. 20	27.60	Nov. 26	27.59
Mar. 26	22.73	June 29	27.02	Sept. 24	27.63	Dec. 23	27.71

619. United Gas Pipe Line Co. Lat. 30°05', long. 97°47'. Drilled unused artesian well in Edwards limestone, diameter 6 inches, depth 703 feet, cased to 639. Land-surface datum is 735.98 feet above msl. Highest water level 146.91 below lsd, Mar. 30, 1947; lowest 178.00 below lsd, Apr. 24, 1952. Records available: 1943-54.

Feb. 2	159.78	Apr. 20	159.43	July 26	163.66	Oct. 22	168.42
25	158.78	May 24	160.71	Aug. 20	167.08	Nov. 26	169.22
Mar. 26	158.79	June 29	162.39	Sept. 24	167.69	Dec. 23	169.54

687. Mrs. Elizabeth Jentsch. Lat. 30°13', long. 97°47'. Drilled farm artesian well in Edwards limestone, diameter 4 inches, depth 290 feet. Highest water level 142.25 below lsd, July 28, 1941; lowest 224.55 below lsd, Dec. 20, 1951. Records available: 1939, 1941-46, 1948-54. Apr. 19, 213.49; Aug. 16, 220.34; Dec. 16, 220.07.

890. C. H. Bird. Lat. 30°08', long. 97°48'. Dug unused water-table well in Austin chalk, diameter 5 feet, depth 57 feet. Highest water level 10.17 below lsd, Feb. 17, 1941; lowest 21.18 below lsd, June 25, 1953. Records available: 1937-38, 1941-46, 1948-54.

Feb. 2	17.97	Apr. 20	18.90	July 26	19.38	Oct. 22	19.37
25	18.74	May 24	19.06	Aug. 20	19.40	Nov. 26	19.15
Mar. 25	19.95	June 29	19.36	Sept. 24	19.45	Dec. 23	19.79

Uvalde County

H-2-4. H. I. Holmes. Lat. 29°23', long. 99°42'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 190 feet. Land-surface datum is 1,153.58 feet above msl. Highest water level 113.01 below lsd, Nov. 30, 1932; lowest 209.55 below lsd, Apr. 15, 1954. Records available: 1929-54. Apr. 15, 209.55; June 3, 207.19; July 15, 205.50; July 23, 205.54; Nov. 11, 202.42.

H-2-5. Mrs. W. E. Fitzgerald. Lat. 29°27', long. 99°40'. Drilled farm water-table well in Edwards limestone, diameter 5 inches, depth 100 feet. Land-surface datum is 1,174.82 feet above msl. Highest water level 36.50 below lsd, July 9, 1932; lowest 97.69 below lsd, Apr. 15, 1954. Records available: 1929-54. Apr. 15, 97.69; June 3, 68.20; July 15, 59.75; July 22, 60.34.

H-4-6. Briscoe, Fenley, & Spangler. Lat. 29°14', long. 99°51'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 100 feet. Land-surface datum is 950.57 feet above msl. Highest water level 59.05 below lsd, Apr. 10, 1933; lowest 120.42 below lsd, Aug. 12, 1953. Records available: 1929-33, 1935-42, 1944-54. Apr. 13, 112.75; June 2, 107.86; July 15, 96.68; July 22, 95.48; Aug. 25, 95.54; Nov. 11, 100.97.

H-4-34. John Rosenow. Lat. 29°15', long. 99°58'. Drilled stock artesian well in Edwards limestone, diameter 10 inches, depth 593 feet. Highest water level 156.01 below lsd, Nov. 2, 1949; lowest 209.32 below lsd, Aug. 12, 1953. Records available: 1929-54. Apr. 13, 197.52; June 2, 174.90; July 14, 174.91; July 22, 182.33; Aug. 25, 183.45; Nov. 11, 186.00.

H-4-35. John Rosenow. Lat. 29°16', long. 99°59'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 100 feet. Highest water level 55.92 below lsd, Nov. 2, 1949; lowest 102.63 below lsd, Aug. 12, 1953. Records available: 1939-45, 1947-54. Aug. 25, 80.65.

H-5-1. City of Uvalde. Lat. 29°12', long. 99°46'. Drilled public-supply artesian well in Edwards limestone, diameter 12 inches, depth 350 feet. Land-surface datum is 904.85 feet above msl. Highest water level 26.74 below lsd, July 6, 1937; lowest 87.06 below lsd, Aug. 19, 1953. Records available: 1929-32, 1934-54.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	72.68	73.31	75.58	78.61	79.54	76.95	72.54	69.85	68.73	69.95	69.33	70.89
2	72.65	73.37	75.56	78.76	79.63	76.72	72.32	70.07	68.60	69.45	69.46	70.92
3	72.67	73.41	75.72	78.80	79.74	76.58	72.14	70.12	68.42	69.30	69.60	70.90
4	72.72	73.43	75.80	78.74	79.80	76.29	71.88	70.18	68.38	69.07	69.58	70.90
5	72.80	73.49	75.71	78.67	79.99	76.04	71.47	70.00	68.61	68.91	69.76	70.88
6	72.73	73.64	75.83	78.80	80.19	75.79	71.25	69.93	68.82	68.71	69.82	70.90
7	72.80	73.65	75.92	78.86	80.20	75.58	71.10	69.92	69.15	68.63	69.86	70.80
8	72.79	73.71	75.97	79.12	80.36	75.52	70.90	69.97	69.37	68.41	69.80	70.86
9	72.88	73.74	76.13	79.13	80.50	75.40	70.80	69.93	69.45	68.28	69.80	70.91
10	73.06	73.86	76.24	78.85	80.49	75.34	70.58	69.97	69.59	68.20	69.86	70.98
11	73.15	73.98	76.30	78.89	80.57	75.37	70.40	69.90	69.52	68.20	69.93	70.91
12	73.16	74.20	76.40	78.79	80.52	75.40	70.34	69.88	69.54	68.19	70.09	70.96
13	73.08	74.23	76.52	78.85	80.60	75.57	70.37	69.79	69.47	68.17	70.12	71.05
14	72.99	74.25	76.68	78.77	80.85	75.44	70.34	69.78	69.64	68.14	70.06	71.15
15	72.93	74.34	76.72	78.66	81.00	75.21	70.15	69.92	69.67	68.20	70.00	71.23
16	73.03	74.59	76.75	78.56	81.17	75.07	70.09	69.80	69.74	68.18	70.14	71.20
17	73.08	74.86	76.70	78.53	81.36	74.85	70.05	69.75	69.65	68.29	70.29	71.22
18	73.12	74.86	76.68	78.56	81.54	74.72	69.86	69.57	69.63	68.24	70.29	71.23
19	73.15	74.75	76.85	78.57	81.63	74.63	69.69	69.67	69.68	68.36	70.32	71.28
20	73.11	74.95	77.08	78.62	81.71	74.51	69.69	69.61	69.54	68.41	70.43	71.35
21	73.25	74.95	77.14	78.95	81.70	74.35	69.62	69.43	69.73	68.44	70.51	71.33
22	73.23	75.04	77.15	79.05	81.57	74.52	69.57	69.35	69.66	68.46	70.54	71.62
23	73.16	75.12	77.37	79.32	81.54	74.41	69.50	69.06	69.72	68.54	70.63	71.49
24	73.18	75.15	77.68	79.24	80.77	74.49	69.50	68.85	69.85	68.60	70.66	71.69
25	73.20	75.27	77.66	79.31	79.67	74.47	69.40	68.72	69.83	68.62	70.63	71.69
26	73.25	75.38	77.89	79.42	78.90	74.08	69.30	68.67	69.79	68.69	70.67	71.65
27	73.29	75.49	78.00	79.45	78.59	73.51	69.23	68.62	69.70	68.81	70.82	71.64
28	73.31	75.61	78.08	79.66	78.37	73.31	68.88	68.95	69.82	68.79	70.78	71.90
29	73.25		78.20	79.46	78.14	73.06	69.27	68.70	69.94	68.88	70.83	71.81
30	73.30		78.26	79.57	77.77	72.70	69.42	68.66	70.08	69.06	70.87	71.80
31	73.31		78.38		77.32		69.57	68.70		69.23		71.91

H-5-22. Jack Dean. Lat. 29°14', long. 99°47'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 190 feet. Land-surface datum is 933.81 feet above msl. Highest water level 52.90 below lsd, Apr. 10, 1933; lowest 115.17 below lsd, Aug. 12, 1953. Records available: 1929-54. Apr. 15, 108.15; July 15, 99.11; July 23, 98.36; Aug. 25, 97.63; Nov. 11, 99.17.

H-5-26. George Kennedy. Lat. 29°18', long. 99°43'. Drilled stock artesian well in Edwards limestone, diameter 7 inches, depth 200 feet. Land-surface datum is 1,021.38 feet above msl. Highest water level 147.37 below lsd, Nov. 30, 1932; lowest 202.45 below lsd, Aug. 6, 1952. Records available: 1929-38, 1940-44, 1946-52. Measurement discontinued.

H-5-51. O. T. Caldwell. Lat. 29°09', long. 99°49'. Drilled stock artesian well in Edwards limestone, diameter 6 inches, depth 85 feet. Land-surface datum is 907.54 feet above msl. Highest water level 34.70 below lsd, Apr. 11, 1933; lowest 84.57 below lsd, Aug. 12, 1953. Records available: 1929-54. Apr. 15, 77.31; June 1, 78.65; July 13, 72.53; July 23, 72.93; Aug. 25, 69.30; Nov. 10, 69.12.

H-6-8. K. K. Woodley. Lat. 29°18', long. 99°36'. Dug stock water-table well in Austin chalk, diameter 40 inches, depth 89 feet. Land-surface datum is 977.02 feet above msl. Highest water level 68.10 below lsd, Jan. 28, 1936; lowest 78.35 below lsd, Apr. 21, 1930. Records available: 1929-33, 1935-54. Apr. 15, 70.70; July 13, 70.79; July 21, 71.37; Nov. 11, 71.42.

H-6-10. Herbert Stevens. Lat. 29°18', long. 99°30'. Dug farm well in Leona formation of Sellards, diameter 4 feet, depth 77 feet. Highest water level 57.83 below lsd, Oct. 23, 1934; lowest 69.00 below lsd, Dec. 19, 1930. Records available: 1929-44, 1946-54. Apr. 15, 67.56; July 13, 67.50; July 23, 67.54.

H-6-16. Cecil Reagan. Lat. 29°15', long. 99°35'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 1,330 feet. Land-surface datum is 934.34 feet above msl. Highest water level 129.62 below lsd, July 7, 1937; lowest 245.81 below lsd, Apr. 16, 1954. Records available: 1929-34, 1936-38, 1940-44, 1946-54. Apr. 16, 245.81; June 1, 229.80; July 13, 228.13; Aug. 26, 230.50; Nov. 11, 230.69.

H-8-63. Uvalde County Public School. Lat. 29°08', long. 99°42'. Drilled unused water-table well in Leona formation of Sellards, diameter 6 inches, depth 65 feet. Land-surface datum is 846.14 feet above msl. Highest water level 31.61 below lsd, July 25, 1950; lowest 45.69 below lsd, Dec. 21, 1952. Records available: 1945-53. Measurement discontinued.

XU-9. Frank Kirchgraber. Lat. 29°14', long. 100°02'. Drilled farm water-table well in Austin chalk, diameter 6 inches, depth 120 feet. Highest water level 48.00 below lsd, Sept. 25, 1937; lowest 94.74 below lsd, Aug. 12, 1953. Records available: 1937-54. July 13, 54.86; July 21, 56.63; Nov. 10, 58.42.

XU-10. Texas & New Orleans RR. Co. Cline. Lat. 29°14', long. 100°04'. Dug domestic and industrial water-table well in Austin chalk, diameter 10 feet, depth 68 feet. Highest water level 29.86 below lsd, Oct. 27, 1938; lowest 61.74 below lsd, Aug. 12, 1953. Records available: 1937-54. Apr. 12, 47.30; July 13, 39.03; July 21, 39.20; Nov. 10, 42.04.

Val Verde County

XV-2. L. A. McNutt. Lat. 29°22', long. 100°51'. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 145 feet. Highest water level 67.35 below lsd, Dec. 20, 1949; lowest 93.87 below lsd, Aug. 7, 1952. Records available: 1937-44, 1946-54. Apr. 12, 79.31; June 1, 74.71; July 14, 77.39; July 22, 75.92; Aug. 23, 80.28; Nov. 11, 75.70.

XV-3. Patricio Confreres. Lat. 29°22', long. 100°52'. Drilled farm artesian well in Edwards limestone, diameter 4 inches, depth 60 feet. Highest water level 36.86 below lsd, Dec. 20, 1949; lowest 49.86 below lsd, Aug. 10, 1953. Records available: 1937-54. Apr. 12, 42.65; June 1, 39.85; July 13, 37.86; July 21, 37.57; Aug. 23, 37.69; Nov. 10, 37.19.

Waller County

152. Mr. Meyers. Lat. 30°04', long. 95°59'. Drilled observation water-table well in sand, diameter 2 inches, depth 20 feet. Highest water level 1.45 below lsd, Jan. 31, 1944; lowest dry, Feb. 6, 1952. Records available: 1931-50, 1952-54. Feb. 25, 3.57. Measurement discontinued.

223. T. B. Tucker. Lat. 29°52', long. 95°53'. Drilled irrigation artesian well in sand, diameter 16 to 12 inches, depth 767 feet, screens opposite sands below 117. Highest water level 47.53 below lsd, Apr. 28, 1931; lowest 78.67 below lsd, Dec. 3, 1954. Records available: 1931, 1933, 1939-54. Mar. 17, 75.50; Dec. 3, 78.67.

225. L. E. Morrison well 2. Lat. 29°50', long. 95°53'. Drilled irrigation artesian well in sand, diameter 24 to 12 inches, depth 643 feet, screens opposite sands below 155. Highest water level 57.88 below lsd, Mar. 18, 1942; lowest 93.08 below lsd, Nov. 25, 1952. Records available: 1940-54. Mar. 17, 79.55; Dec. 3, 88.69.

235. John Cope. Lat. 29°46', long. 95°51'. Drilled irrigation artesian well in sand, diameter 24 inches, depth 175 feet. Highest water level 48.55 below lsd, Mar. 12, 1931; lowest 77.79 below lsd, Dec. 3, 1954. Records available: 1931, 1933, 1939-54. Dec. 3, 77.79.

239. Lyn Hebert. Lat. 29°55', long. 95°56'. Drilled irrigation artesian well in sand, diameter 30 to 12 inches, depth 828 feet. Highest water level 52.05 below lsd, Apr. 13, 1943; lowest 87.35 below lsd, Nov. 26, 1952. Records available: 1941-54. Mar. 16, 67.83; Dec. 6, 82.31.

240. B. Ray Woods well 3. Lat. 29°47', long. 95°55'. Drilled irrigation artesian well in sand, diameter 20 to 14 inches, depth 290 feet, casing slotted opposite sands below 80. Highest water level 58.08 below lsd, Apr. 13, 1943; lowest 71.98 below lsd, Dec. 6, 1954. Records available: 1940-46, 1948-54. Mar. 16, 69.43; Dec. 6, 71.98.

242. Robichaux & Thompson. Lat. 29°50', long. 95°57'. Drilled irrigation artesian well in sand, diameter 18 to 8 inches, depth 555 feet, casing slotted opposite sands below 60. Highest water level 58.76 below lsd, Mar. 18, 1942; lowest 77.54 below lsd, Oct. 6, 1944. Records available: 1941-54. Mar. 16, 70.48; Dec. 6, 72.72.

245. G. P. Nelson well 2. Lat. 29°52', long. 95°57'. Drilled irrigation artesian well in sand, diameter 20 to 12 inches, depth 482 feet, casing slotted opposite sands below 51. Highest water level 56.40 below lsd, Apr. 13, 1943; lowest 95.55 below lsd, Oct. 6, 1944. Records available: 1941-54. Mar. 16, 64.48; Dec. 6, 73.70.

246. A. E. Thompson well 2. Lat. 29°53', long. 95°54'. Drilled irrigation artesian well in sand, diameter 18 to 8 inches, depth 926 feet, casing slotted opposite sands below 145. Highest water level 51.37 below lsd, Mar. 18, 1942; lowest 75.14 below lsd, Dec. 2, 1954. Records available: 1940-46, 1948-54. Mar. 17, 69.45; Dec. 2, 75.14.

247. T. B. Tucker well 5. Lat. 29°51', long. 95°53'. Drilled irrigation artesian well in sand, diameter 18 to 8 inches, depth 641 feet, casing slotted opposite sands below 75. Highest water level 55.57 below lsd, Mar. 15, 1939; lowest 81.59 below lsd, Dec. 3, 1954. Records available: 1939-54. Mar. 17, 77.58; Dec. 3, 81.59.

252. J. A. Kimball. Lat. 29°48', long. 95°50'. Drilled irrigation artesian well in sand, diameter 24 to 12 inches, depth 246 feet, casing slotted opposite sands below 90. Highest water level 58.93 below lsd, Mar. 17, 1942; lowest 84.92 below lsd, Nov. 30, 1954. Records available: 1940-54. Mar. 17, 81.69; Nov. 30, 84.92.

Wharton County

1. Bob Ragsdale. Lat. 29°15', long. 96°34'. Drilled irrigation artesian well in Lissie formation, diameter 18 to 12 inches, depth 155 feet, screens below 90. Highest water level 36.99 below lsd, May 27, 1940; lowest 45.58 below lsd, Mar. 22, 1954. Records available: 1940-47, 1949-54. Mar. 22, 45.58.

8. Lester Glaze. Lat. 29°13', long. 96°28'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 9 inches, depth 200 feet. Highest water level 35.46 below lsd, May 6, 1938; lowest 46.05 below lsd, Mar. 22, 1954. Records available: 1935, 1938-54. Mar. 22, 46.05.

32. Harfst Bros. Lat. 29°13', long. 96°22'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 10 inches, depth 282 feet. Highest water level 29.58 below lsd, Dec. 14, 1942; lowest 42.74 below lsd, Mar. 24, 1952. Records available: 1934-35, 1938-54, Mar. 22, 39.05.

33. Harfst Bros. Lat. 29°17', long. 96°22'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 10 inches, depth 285 feet. Highest water level 36.46 below lsd, May 6, 1938; lowest 42.74 below lsd, Mar. 24, 1952. Records available: 1934-35, 1938-42, 1946, 1948-54. Mar. 22, 39.05.

66. J. J. Pendegrass. Lat. 29°38', long. 96°18'. Dug and drilled water-table well in sand and gravel, diameter 24 to 2 inches, depth 65 feet. Highest water level 20.16 below lsd, Dec. 20, 1941; lowest 33.64 below lsd, Mar. 26, 1954. Records available: 1940-54. Mar. 26, 33.64.

81. William J. Corman. Lissie. Lat. 29°33', long. 96°13'. Drilled unused water-table well in Lissie formation, diameter 6 inches, depth 45 feet. Highest water level 19.79 below lsd, Mar. 24, 1952; lowest 25.67 below lsd, Apr. 19, 1940. Records available: 1940-45, 1947-54. Mar. 26, 20.61.

108. City of Wharton well 1. Lat. 29°18', long. 96°06'. Drilled public-supply artesian well in Lissie formation and Willis sand, diameter 15 to 8 inches, depth 940 feet. Highest water level 19.89 below lsd, Aug. 31, 1936; lowest 35.02 below lsd, Mar. 26, 1954. Records available: 1934-36, 1938-54. Mar. 26, 35.02.

109. City of Wharton well 2. Lat. 29°18', long. 96°06'. Drilled public-supply artesian well in Lissie formation and Willis sand, diameter 16 to 10 inches, depth 413 feet, screens between 212 and 393. Highest water level 25.88 below lsd, Apr. 4, 1942; lowest 35.93 below lsd, Mar. 20, 1953. Records available: 1934-35, 1937-45, 1947-53. No measurement made in 1954.

148. City of El Campo. Lat. 29°11', long. 96°16'. Drilled public-supply artesian well in Lissie formation, diameter 17 to 6 inches, depth 1,188 feet, screen 856-1,072. Highest water level 28.99 below lsd, Dec. 17, 1942; lowest 47.20 below lsd, Mar. 20, 1953. Records available: 1942-47, 1950-54. Mar. 26, 47.09.

165. H. P. Stockton. Lat. 29°06', long. 96°25'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 10 inches, depth 280 feet. Highest water level 21.90 below lsd, Feb. 4, 1938; lowest 38.86 below lsd, Mar. 22, 1954. Records available: 1934-35, 1938-54. Mar. 22, 38.86.

173. Stoval & Appling. Lat. 29°00', long. 96°20'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 12 inches, depth 390 feet. Highest water level 12.36 below lsd, Apr. 12, 1943; lowest 28.93 below lsd, Mar. 26, 1952. Records available: 1934-35, 1938-47, 1949-54. Mar. 22, 28, 42.

178. A. Johnson. Lat. 29°05', long. 96°17'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 10 inches, depth 290 feet, screen 57-290. Highest water level 18.68 below lsd, Mar. 30, 1944; lowest 29.07 below lsd, Mar. 22, 1954. Records available: 1934-35, 1938-47, 1949-54. Mar. 22, 29, 07.

181. C. C. Appling. Lat. 29°05', long. 96°15'. Drilled irrigation artesian well in Lissie formation, diameter 24 to 10 inches, depth 522 feet. Highest water level 23.09 below lsd, Apr. 12, 1943; lowest 35.23 below lsd, Mar. 22, 1954. Records available: 1934-35, 1938-54. Mar. 22, 35, 23.

186. Otto Mickelson. Lat. 29°05', long. 96°13'. Drilled unused artesian well in Lissie formation, diameter 24 to 10 inches, depth 342 feet. Highest water level 13.73 below lsd, Apr. 12, 1943; lowest 26.14 below lsd, Mar. 25, 1954. Records available: 1935, 1938-54. Mar. 25, 26, 14.

209. J. C. Allen. Lat. 29°08', long. 96°10'. Drilled unused artesian well in Lissie formation, diameter 26 to 10 inches, depth 439 feet. Highest water level 12.30 below lsd, Mar. 29, 1944; lowest 19.36 below lsd, Aug. 30, 1935. Records available: 1934-35, 1938-47, 1949-54. Mar. 25, 18, 56.

241. Texas Gulf Sulphur Co. Lat. 29°15', long. 95°54'. Drilled unused artesian well in Lissie formation and Willis sand, diameter 20 inches, depth 487 feet. Highest water level 17.3 below lsd, Feb. 15, 1934; lowest 40.72 below lsd, Dec. 18, 1939. Records available: 1934-35, 1937-54. Mar. 26, 36, 85.

Williamson County

344. W. O. Garrison. Lat. 30°33', long. 97°41'. Drilled farm water-table well in limestone, diameter 4 inches, depth 117 feet. Land-surface datum is 791.41 feet above msl. Highest water level 83.15 below lsd, July 15, 1941; lowest 123.90 below lsd, Apr. 9, 1951. Records available: 1940-46, 1948-54. Apr. 20, 120.09; Aug. 10, 121.50.

346. F. C. Martiness. Lat. 30°34', long. 97°41'. Drilled farm artesian well in Edwards limestone, diameter 4 inches, depth 350 feet. Land-surface datum is 824.11 feet above msl. Highest water level 113.72 below lsd, May 25, 1945; lowest 140.84 below lsd, Aug. 12, 1952. Records available: 1941-46, 1948-54. Apr. 20, 138.28. Measurement discontinued.

353. Mrs. H. B. Hurt. Lat. 30°36', long. 97°41'. Drilled farm artesian well in Edwards limestone, diameter 6 inches, depth 175 feet. Land-surface datum is 798.20 feet above msl. Highest water level 93.26 below lsd, July 25, 1941; lowest 138.44 below lsd, Apr. 20, 1954. Records available: 1940-46, 1948-54. Apr. 20, 138.44; Aug. 16, 132.43; Dec. 28, 130.13.

418. Henry Hartman. Lat. 35°36', long. 97°40'. Drilled farm water-table well in Edwards limestone, diameter 6 inches, depth 130 feet. Land-surface datum is 761.8 feet above msl. Highest water level 77.21 below lsd, May 25, 1945; lowest 105.64 below lsd, Dec. 28, 1954. Records available: 1940-43, 1945, 1948-54. Apr. 20, 101.74; Aug. 10, 103.32; Dec. 28, 105.64.

889. T. B. Bailey, Jr. Lat. 30°32', long. 97°41'. Drilled farm artesian well in Edwards limestone, diameter 5 inches, depth 400 feet. Land-surface datum is 785.62 feet above msl. Highest water level 67.11 below lsd, July 25, 1941; lowest 100.97 below lsd, Dec. 18, 1952. Records available: 1940-46, 1948-54. Apr. 20, 99.17; Dec. 28, 99.49.

Zavala County

H7-13. C. W. Bretzke. Formerly Roy Cornett. Lat. 29°00', long. 99°51'. Drilled stock water-table well in Carrizo sand, diameter 10 inches, depth 172 feet, cased to 172, perforations 132-172. Land-surface datum is 787.54 feet above msl. Highest water level 110.55 below lsd, Feb. 8, 1928; lowest 164.3 below lsd, Sept. 11, 1953. Records available: 1928-33, 1948-54. Oct. 4, 152.48; Oct. 12, 152.24.

H8-68. A. D. Walker. Lat. 29°00', long. 99°48'. Drilled farm water-table well in Carrizo sand, diameter 6 inches, depth 84 feet. Highest water level 57.91 below lsd, Oct. 29, 1949; lowest 72.88 below lsd, Aug. 26, 1953. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	67.29	Apr. 27	68.37	July 24	64.41	Oct. 25	65.03
Feb. 24	67.52	May 26	68.81	Aug. 28	63.91	Nov. 23	65.56
Mar. 23	67.90	June 24	67.35	Sept. 28	64.46	Dec. 21	66.09

M6-10. W. M. Van Cleve. Lat. 28°45', long. 100°04'. Drilled farm water-table well in Carrizo sand, diameter 6 inches, depth 150 feet. Land-surface datum is 651.65 feet above msl. Highest water level 65.60 below lsd, Oct. 2, 1931; lowest 117.18 below lsd, Oct. 6, 1954. Records available: 1930-34, 1936-46, 1948-54. Oct. 6, 117.18.

M6-16. J. S. Steward. Lat. 28°44', long. 100°02'. Drilled farm water-table well in Carrizo sand, diameter 5 inches, depth 300 feet. Land-surface datum is 626.55 feet above msl. Highest water level 38.40 below lsd, Jan. 12, 1938; lowest 87.72 below lsd, Aug. 20, 1952. Records available: 1930-34, 1942-51, 1953-54. Oct. 6, 75.00.

M6-16a. J. S. Steward. Lat. 28°44', long. 100°02'. Drilled farm water-table well in Carrizo sand, diameter 6 inches, depth 300 feet. Highest water level 61.40 below lsd, July 23, 1947; lowest 104.22 below lsd, Oct. 6, 1954. Records available: 1947-54. Oct. 6, 104.22.

M6-19. L. D. Van Cleve. Lat. 28°40', long. 100°02'. Drilled farm water-table well in Carrizo sand, diameter 6 inches, depth 180 feet. Land-surface datum is 632.05 feet above msl. Highest water level 48.50 below lsd, Oct. 2, 1931; lowest 92.84 below lsd, Oct. 6, 1954. Records available: 1930-54. Oct. 6, 92.84; Oct. 12, 92.22.

N1-24. J. C. Williams. Lat. 28°57', long. 99°52'. Drilled farm artesian well in Carrizo sand, diameter 12 inches, depth 350 feet. Land-surface datum is 753.70 feet above msl. Highest water level 114.70 below lsd, July 6, 1931; lowest 238.06 below lsd, Aug. 22, 1952. Records available: 1929-33, 1935-54. Oct. 12, 218.31.

N1-39. R. W. Norton. Lat. 28°56', long. 99°58'. Drilled stock artesian well in Carrizo sand, diameter 6 inches, depth 300 feet. Land-surface datum is 731.50 feet above msl. Highest water level 74.40 below lsd, Aug. 25, 1930; lowest 101.91 below lsd, Aug. 17, 1950. Records available: 1930-33, 1946-53. No measurement made in 1954.

N1-40. I. T. Pryor. Lat. 28°55', long. 99°52'. Drilled stock artesian well in Carrizo sand, diameter 10 inches, depth 300 feet. Land-surface datum is 724.95 feet above msl. Highest water level 101.44 below lsd, Aug. 25, 1938; lowest 255.20 below lsd, Aug. 21, 1952. Records available: 1930-33, 1935, 1937-44, 1946-54. Oct. 12, 236.55.

N1-83. I. T. Pryor, Jr. Lat. 28°56', long. 99°51'. Drilled stock water-table well in Carrizo sand, diameter 11 inches, depth 350 feet. Highest water level 90.66 below lsd, Oct. 24, 1951; lowest 104.76 below lsd, June 1, 1951. Records available: 1948-54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	94.62	May 26	94.64	Aug. 28	92.70	Oct. 25	95.76
Feb. 24	94.72	June 24	92.47	Sept. 28	93.33	Nov. 23	96.04
Mar. 23	97.02	July 24	91.04	Oct. 12	95.46	Dec. 21	95.60
Apr. 27	95.34						

N1-90. Mathews Ranch. Lat. 28°56', long. 99°55'. Drilled farm artesian well in Carrizo sand, diameter 6 inches, depth 483 feet. Highest water level 159.29 below lsd, July 12, 1946; lowest 272.89 below lsd, June 24, 1953. Records available: 1946-54.

Jan. 26	240.4	May 26	243.3	Aug. 28	241.3	Oct. 25	243.7
Feb. 24	241.4	June 24	239.1	Sept. 28	242.4	Nov. 23	248.2
Mar. 23	249.3	July 24	243.4	Oct. 12	238.0	Dec. 21	249.0
Apr. 27	241.7						

N1-92. Mathews Ranch. Lat. 28°56', long. 99°57'. Drilled stock artesian well in Carrizo sand, diameter 6 inches, depth 335 feet. Highest water level 83.06 below lsd, July 25, 1947; lowest 135.88 below lsd, Sept. 11, 1953. Records available: 1947-54. Oct. 4, 130.70; Oct. 12, 130.11.

N5-60. Julius De Winnie. Lat. 28°41', long. 99°45'. Drilled irrigation artesian well in Carrizo sand, diameter 13 inches, depth 1,000 feet. Land-surface datum is 582.85 feet above msl. Highest water level 38.80 below lsd, July 24, 1931; lowest 300.92 below lsd, Sept. 10, 1953. Records available: 1929-32, 1936-41, 1944-45, 1947-54. Oct. 7, 299.35.