

Water Levels and Artesian Pressures in Observation Wells in the United States 1955

Part 4. South-Central States

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

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1407

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



UNITED STATES DEPARTMENT OF THE INTERIOR

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PREFACE

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WATER LEVELS AND ARTESIAN PRESSURES
IN OBSERVATION WELLS IN THE UNITED STATES
IN 1955

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 1955.

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

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 plus signs are above the plane of reference and those between minus signs are below 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.

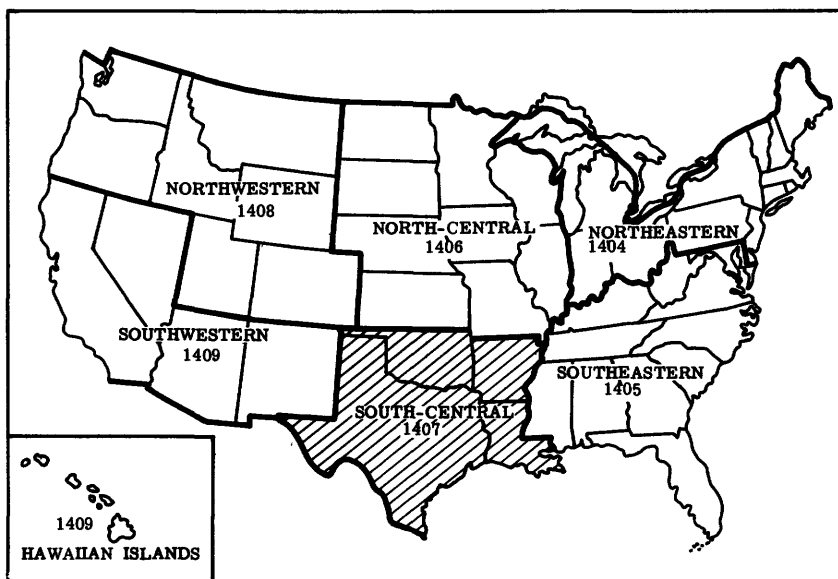


Figure 1. --Outline map of the United States showing areas included in each of the six water-supply papers on water levels and artesian pressures in observation wells in 1955. The shaded area indicates the States included in this volume.

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 in Arkansas was continued in 1955 in cooperation with the Arkansas Geological and Conservation Commission, the State Agricultural Experiment Station, and the Federal Land Bank of St. Louis. Figure 2 shows the location of observation wells in Clay, Craighead, Cross, Jackson, Lawrence, Lee, Lonoke, Monroe, Poinsett, Prairie, Randolph, St. Francis, and Woodruff Counties in northeastern Arkansas. Figure 3 shows the location of observation wells in Arkansas, Ashley, Chicot, Columbia, Desha, Drew, Jefferson, Lafayette, Lincoln, Ouachita, Pulaski, and Union Counties in southern Arkansas. Well descriptions and water-level measurements for 5 of the 14 wells equipped with recording gages and for 28 of the 103 wells measured monthly are included in this report. About 331 of the 1,500 other periodic measurements made at more widely spaced intervals have been used in the preparation of this report--220 in determining the magnitude of the decline in the Grand Prairie region (fig. 4) and 111 of them in tables 1 and 2 which show water-level changes in northeastern and southern Arkansas.

Water-level measurements made in connection with detailed investigations are included in project reports. In 1955, the study of ground-water conditions in Drew County was completed, and studies in Desha, Lincoln, and parts of Lonoke, Prairie, and White Counties were continued. An investigation of ground-water conditions in Mississippi County was begun in 1955.

Tables 1 and 2 show the changes in water levels from April 1954 to April 1955 in 41 wells in northeastern Arkansas and in 70 wells in southern Arkansas, respectively. Measurements in 15 wells listed in 1954 were discontinued in 1955, and 13 replacements are included that have not been previously reported.

Table 1.--Change in water levels, April 1954 to April 1955, in northeastern Arkansas

Well no.	Change in water level		Well no.	Change in water level	
	(+ rise)	(- decline)		(+ rise)	(- decline)
1N1W-21cdcl	-2.48		11N3E-31aaa1	-2.30	
2N3W-13cbb1	-.47		12N2W-25abb1	-.85	
2N3W-13cdcl	-.75		13N1W-20abc1	-4.76	
3N1W-14aab1	-2.48		13N1W-21bbb1	-1.67	
4N1W-4bbb1	-1.59		13N2E-1baa1	-2.70	
4N1W-28cdd1	-2.29		13N2E-3bbb1	-2.06	
4N1W-35bdd1	-2.23		13N2E-15bbb1	-.04	
5N1W-26baa1	-1.61		13N2E-24cbb1	+2.46	
5N1W-27bbb1	-1.63		13N2E-35ccc1	-1.39	
7N1E-5cad1	-1.90		13N3E-8aaa1	-1.05	
7N1E-11bab1	-.88		14N2E-15add1	-1.52	
8N1W-5cdc1	-1.71		15N3E-18ddd2	-1.31	
8N3W-20caa1	-4.35		16N1E-11dba1	-1.69	
9N1E-15bdd1	-1.46		17N2E-27bba1	-.55	
9N3E-29aac1	-.05		19N2E-9dbc1	-2.20	
10N1E-27bab1	-1.54		19N4E-11bbd1	+1.72	
11N1E-22cbc1	-2.99		20N4E-4aab1	-1.00	
11N1E-29aab1	-1.69		20N5E-34dba1	-1.05	
11N1E-36ccd1	-.25		21N4E-23acb1	-.89	
11N2E-30bab1	-1.70		21N4E-23daa1	-.89	
11N2W-15baa1	+3.95				

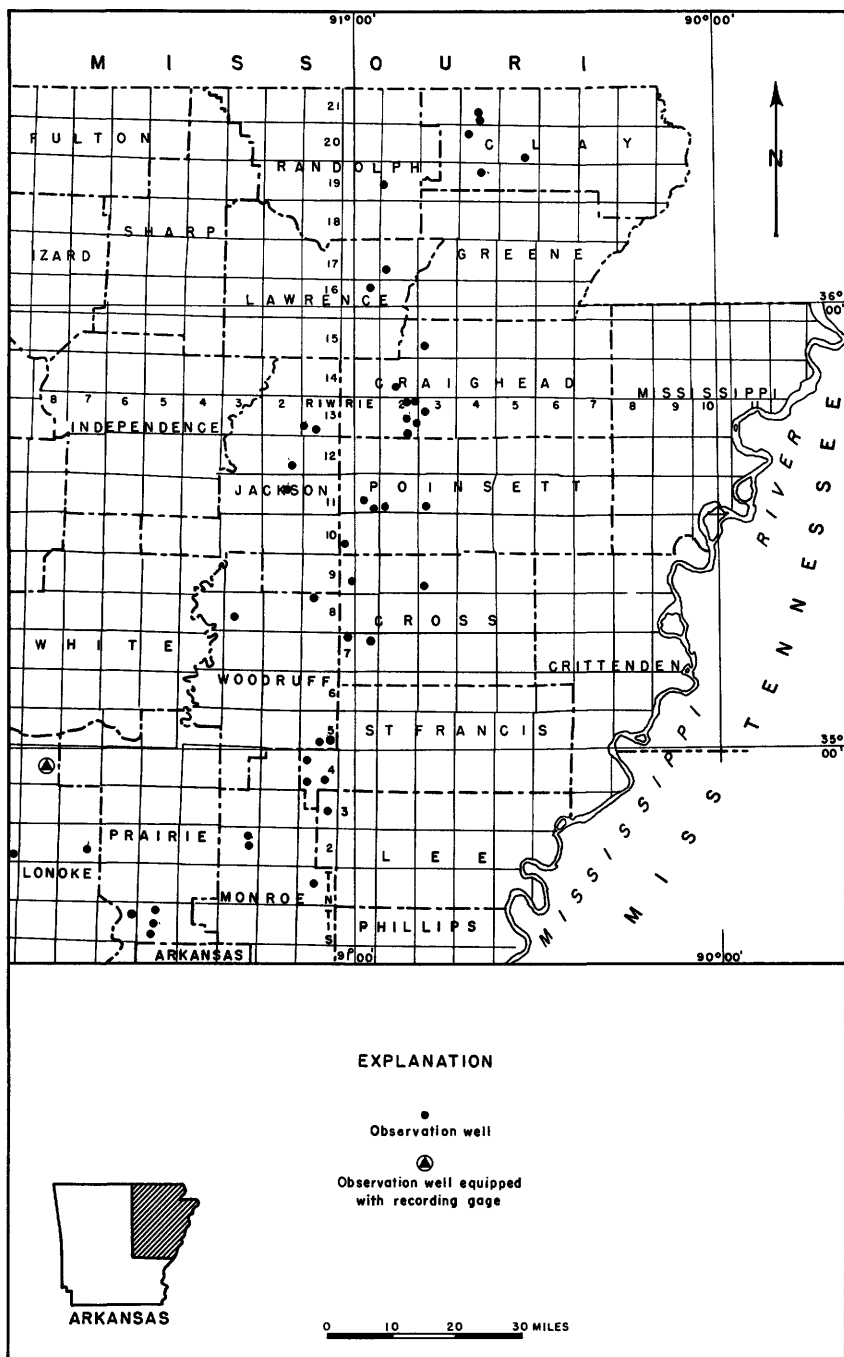


Figure 2. --Location of observation wells in northeastern Arkansas, 1955.

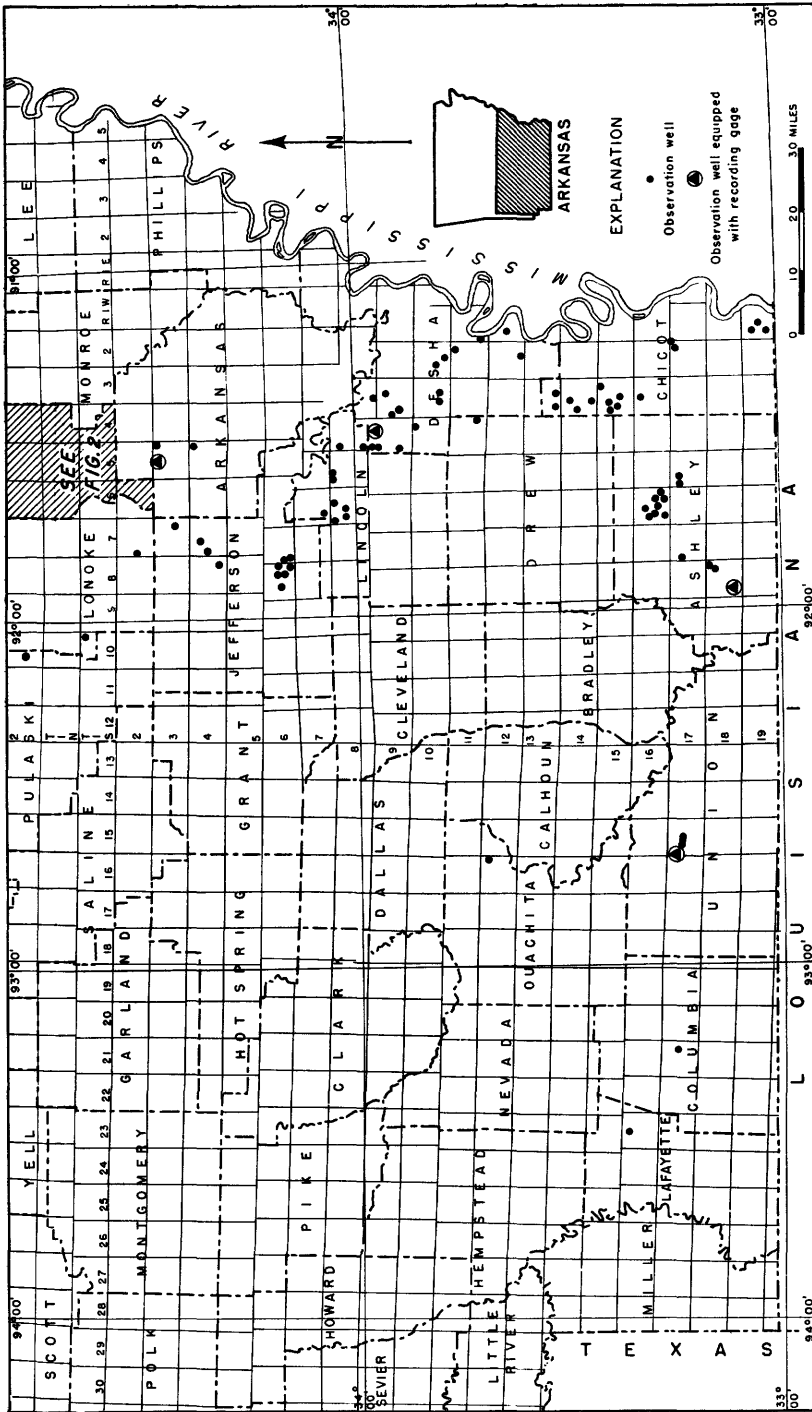


Figure 3.--Location of observation wells in southern Arkansas, 1955.

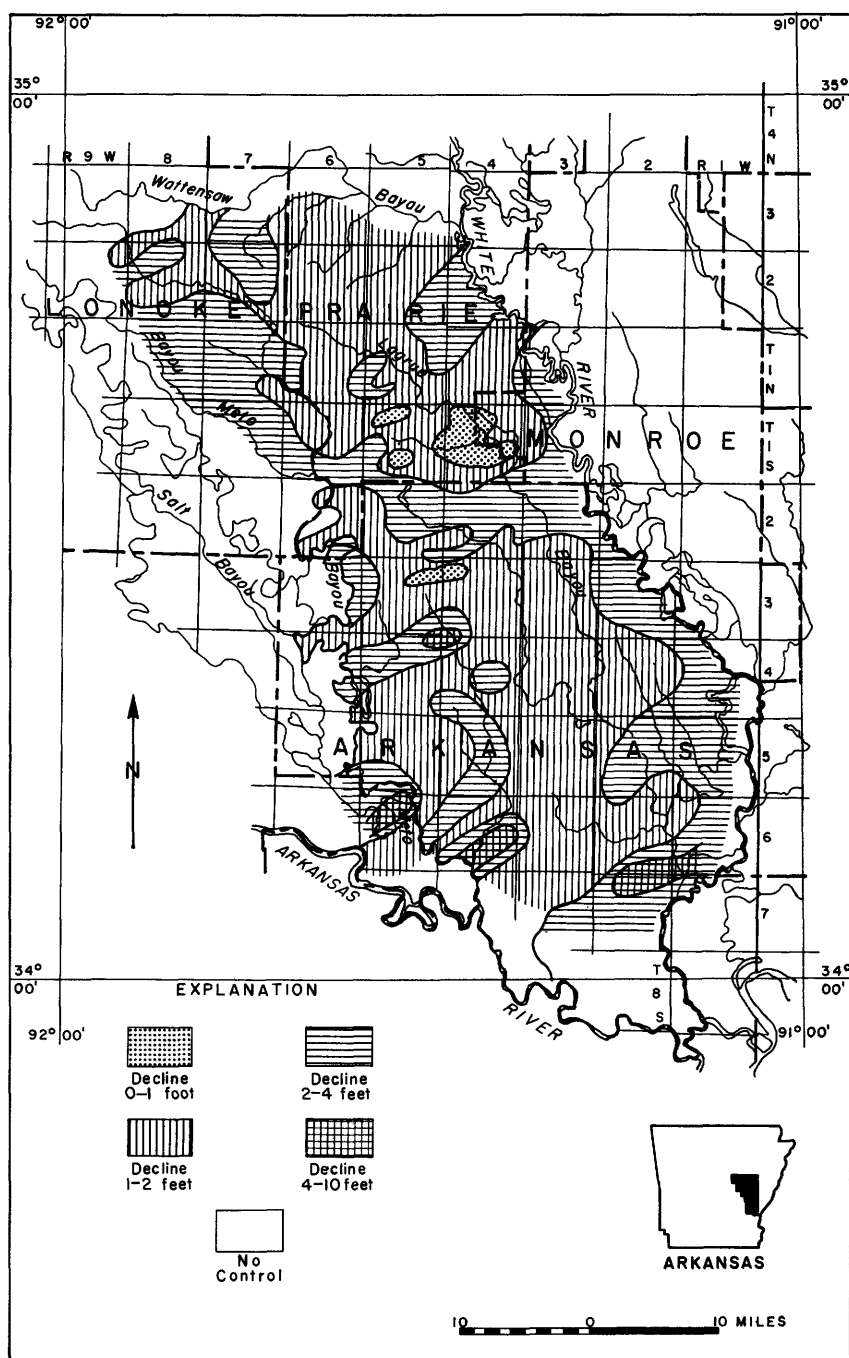


Figure 4. --Change in water levels in the Grand Prairie region, Arkansas, April 1954 to April 1955.

Table 2. --Change in water levels, April 1954 to April 1955, in southern Arkansas

Well no.	Change in water level (+ rise) (- decline)	Well no.	Change in water level (+ rise) (- decline)
3S5W-3bbb1	-1.60	12S2W-34ccc1	-2.31
3S7W-24bcc1	-1.20	13S3W-32ddd1	-.44
4S7W-9bab1	-3.98	13S3W-34baa1	-.84
4S8W-35bbd2	-4.81	14S3W-9bbb1	-.72
6S7W-30ccc1	-2.59	14S3W-17bcc1	+5.08
6S7W-31aca1	-2.14	14S3W-32bcd1	-4.03
6S8W-23cba1	-1.99	15S3W-3cbb1	-3.82
6S8W-24ccc1	-2.29	15S3W-17cbb1	-1.24
6S8W-24dcc1	-2.25	15S3W-18cbb1	-2.76
6S8W-26abb1	-2.25	15S3W-20bbb1	+.92
6S8W-28cdc1	-2.19	15S3W-22cbc1	-.40
7S6W-33dca1	-4.72	16S3W-15dac1	+2.16
8S3W-33cdd1	-3.34	16S6W-16dad1	-.77
8S4W-7cdd1	-3.23	16S6W-16dcc1	-3.70
8S4W-31cbb1	-1.98	16S6W-22aac1	-4.01
8S5W-5dcc1	-.23	16S6W-23bcc1	-.85
8S5W-8bda1	-.68	16S6W-26abc1	-2.66
8S6W-3ccc1	-4.13	16S6W-26bda1	-3.17
8S6W-6aba1	-3.99	16S6W-27abb1	-.82
8S6W-16bbb1	-4.69	16S6W-33acb1	+2.57
8S6W-17dda1	-2.92	17S2W-1cba1	-1.09
9S3W-10ddd1	-2.82	17S2W-1cba2	-3.42
9S3W-18ddd1	-10.70	17S5W-7aaa1	-1.05
9S3W-20ccc1	-7.39	17S5W-7baa1	-.91
9S4W-6bbc1	-.01	17S7W-8bab1	+.25
9S4W-6daa1	+.91	17S15W-17dad1	+4.77
9S4W-30baa1	-.34	17S15W-17dad2	+4.20
10S2W-21bcc1	-4.27	17S15W-18dbb1	-3.64
10S2W-27aaa1	-2.38	17S15W-18dcc1	-2.99
10S3W-27bdd1	-2.58	17S21W-11ddb1	-12.52
10S3W-28bbb	-2.67	18S8W-1dba1	-.79
10S4W-2bba1	-.64	18S8W-29bcd1	-2.33
11S1W-30cba1	-.74	19S1W-8bdb1	-4.99
11S2W-3bab1	-3.68	19S1W-21aaa1	-2.95
12S1W-20ddd1	-4.33	19S1W-29ddd1	-.36

Precipitation

1952, 1953, and 1954 were years of drought in Arkansas. In only a few areas was there drought in 1955, although the yearly precipitation was still below normal and there was a deficiency during the last part of the growing season. The total rainfall for the year at Little Rock, which is about average for the State, was 42.61 inches--4.77 inches below the normal of 47.38 for that station. The June precipitation for the State averaged 3.65 inches, 91 percent of normal; July averaged 3.65 inches, 0.07 inch above normal; and August averaged about 2.69 inches, about 75 percent of normal. Thus, the yearly precipitation for most stations in the State more nearly approached normal than in the 3 previous years.

Relatively impermeable clay that overlies the aquifer of Quaternary age prevents the direct penetration of rainfall at the sites of many 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

In 1955, the average rate of use of ground water in Arkansas was about 973 mgd (million gallons per day), an increase of nearly 108 mgd from 1952 but considerably less than the alltime high of about 1½ billion gallons a day in 1954. The decrease from 1954 to 1955 resulted chiefly from two causes: the drop in rice acreage allotments from 598,000 acres to 435,000 acres and the more nearly adequate rainfall during the growing season. The 1955 estimated average rate of use of ground water was: irrigation 810 mgd, industry 75 mgd, municipalities 52 mgd, and rural domestic and stock 35 mgd. Most of the ground water was used in the Gulf Coastal Plain area, which composes the southeastern half of the State. The irrigation of rice still consumes a major share of the water (630 mgd), but supplemental irrigation of other crops is increasing rapidly. Oil refineries, paper mills, and other industries are using increasing amounts of ground water, particularly in the central and southern parts of the State. Moderate increases have occurred in the quantities of ground water used for municipal supplies; the quantities used for individual domestic purposes have remained about the same.

Interpretation of Water-Level Fluctuations

The larger water-level fluctuations 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. A decline in water level is inevitable if water is taken from a well. The decline results from increased withdrawal of water, whether the increase is obtained by drawing more water from one well or by drawing from many wells. The added draft may be supplied by the diversion of natural discharge or an increase in natural recharge, or both. When the added draft is entirely or largely from storage, declining water levels may be an indication of overdevelopment which will result in decreasing yields from wells. Most of the declines of water levels in wells in Arkansas have resulted from a rapidly increasing use of the ground-water resources of the State. On the other hand, pumping from wells has remained nearly constant for several years in the Grand Prairie region. The decline in that area indicates that water is being drawn from storage faster than it 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, generally less than 200 feet deep, tapping deposits of Quaternary age. 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 they tend to stand near the stages of the previous spring. The hydrograph of the Hedrich 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 stage of the previous year. This permanent decline has averaged a little less than 1 foot per year throughout the 28-year 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 Schafer well, 2N7W-22daa1 in Lonoke County (fig. 6), shows similar fluctuations of water level in wells in the northern part of the Grand Prairie region. The hydrograph of the Crossett Lumber Co. well, 18S8W-29bcd1 in Ashley County (fig. 7), illustrates the effect on water level of a variation in pumping. From 1949 to 1951 the water level declined as a result of continuously increasing pumping. During 1952 and 1953 the water level flattened off as a result of the nearly constant rate of pumping but began declining again in 1954 when pumping was sharply accelerated. The partial recoveries in water level in May and June and again in October and November 1955 were caused by a decrease in pumping of nearby wells that resulted from shifting of pumping to other well fields. The Daugherty and Son well, 18S8W-1dba1 in Ashley County (fig. 7), shows the effect of seasonal pumping in that county. The dashed lines on the hydrographs indicate that measurements were made less frequently than usual. They are drawn as a straight line between the measured points and do not indicate the probable fluctuation between measurements.

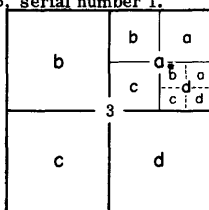
A relatively minor amount of water for irrigation is taken from deposits of Tertiary age, chiefly from those of the Claiborne group. In eastern Arkansas, many cities and several industries obtain their water supplies from these deeper aquifers. Because pumping for public supply and industrial use, such as at Altheimer and Pine Bluff in Jefferson County and at El Dorado in Union County, generally 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 by temporary or local irregularities in the distribution and rate of pumping. In these wells, a single annual 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 Prairie County well 18S5W-20abb1 (fig. 6) shows the characteristics of water levels in wells in deposits of Tertiary age from which water is pumped for irrigation.

Acknowledgments

Kyle Engler, Department of Agricultural Engineering, University of Arkansas, assisted in making annual water-level measurements in irrigation wells in 1955.

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, 3S5W-3adb1 indicates a well in T. 3 S., R. 5 W., in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, serial number 1.



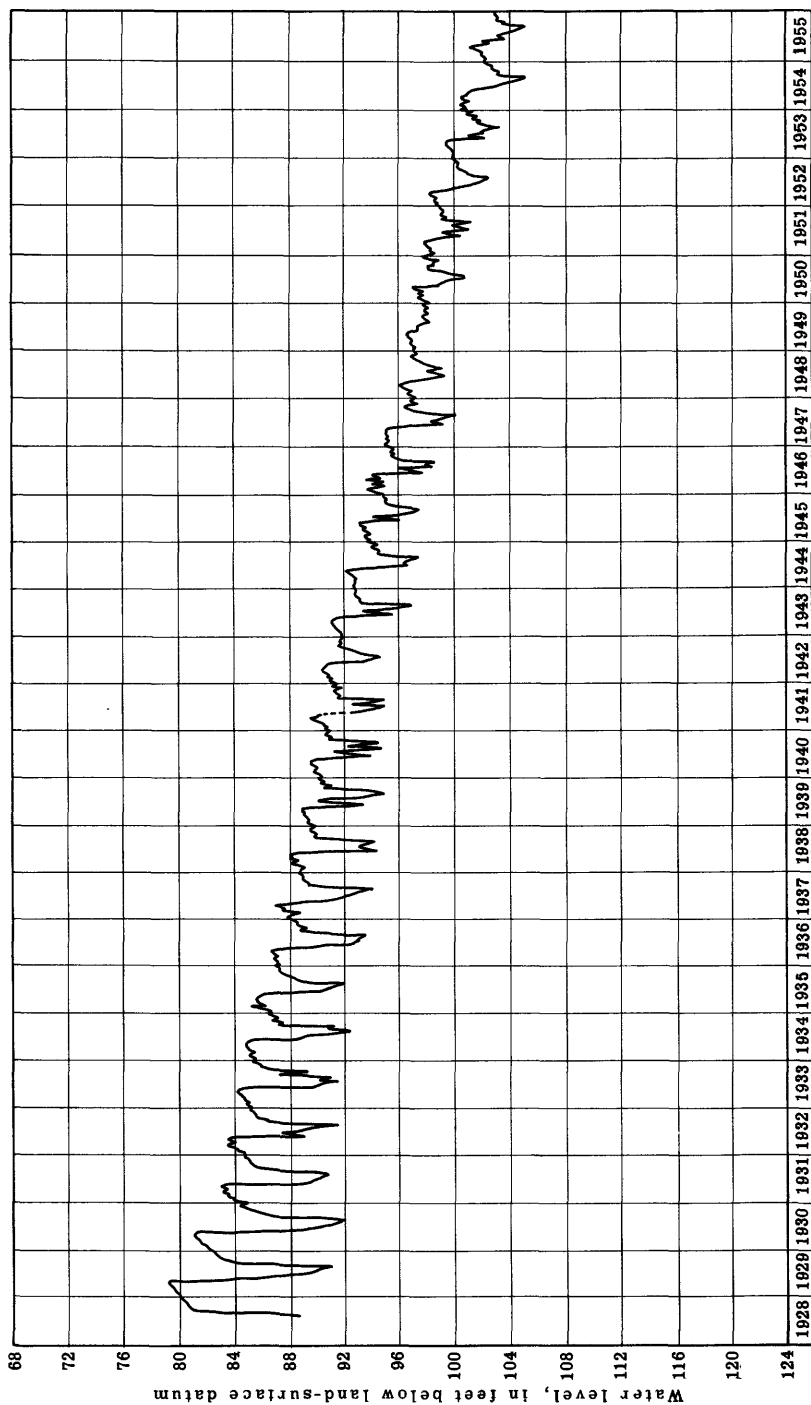


Figure 5. --Hydrograph of well 385W-3bbb1, Arkansas County, Ark., 1928-55.

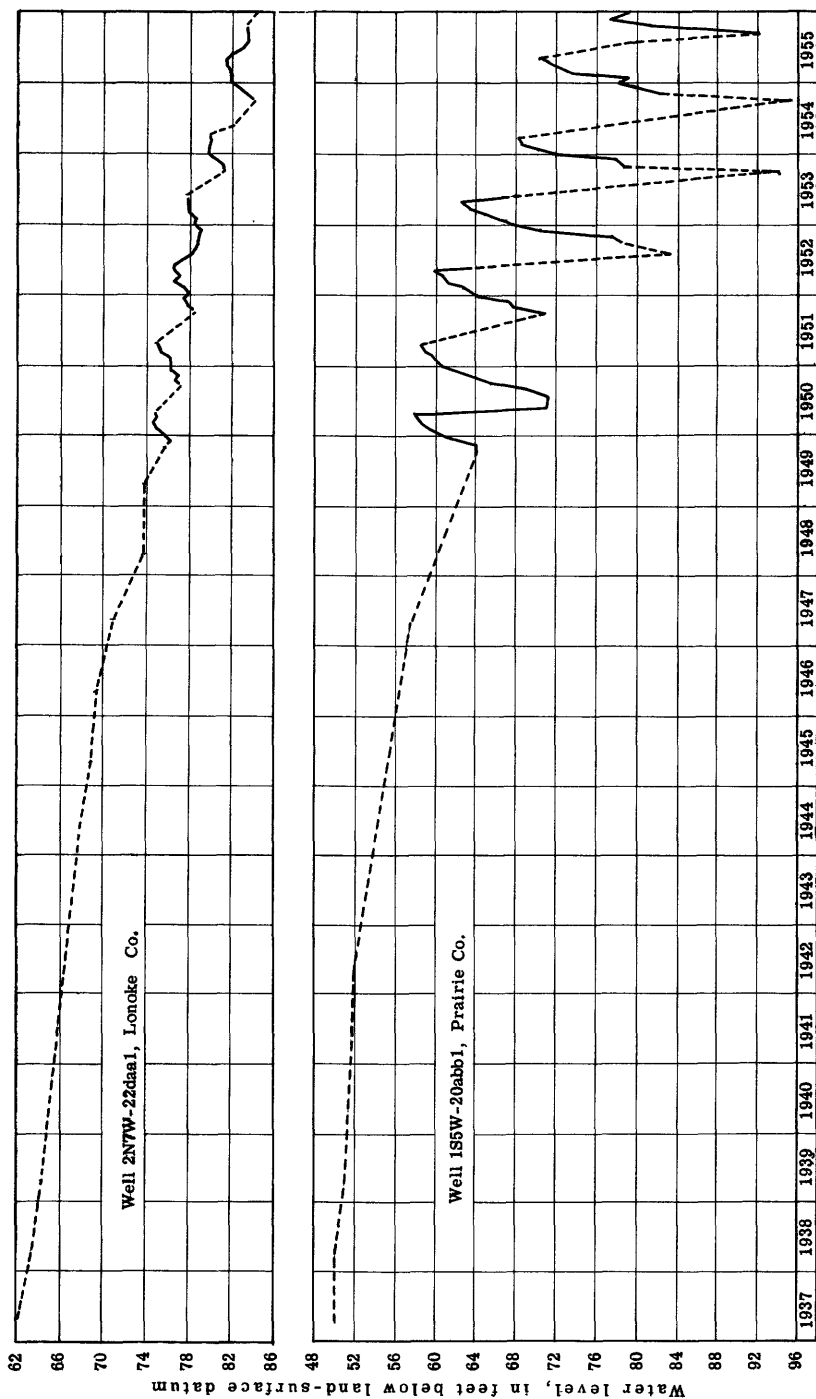


Figure 6. --Hydrographs of wells 2NTW-22daa1, Lonoke County and 1SSW-20abb1, Prairie County, Ark., 1937-55.

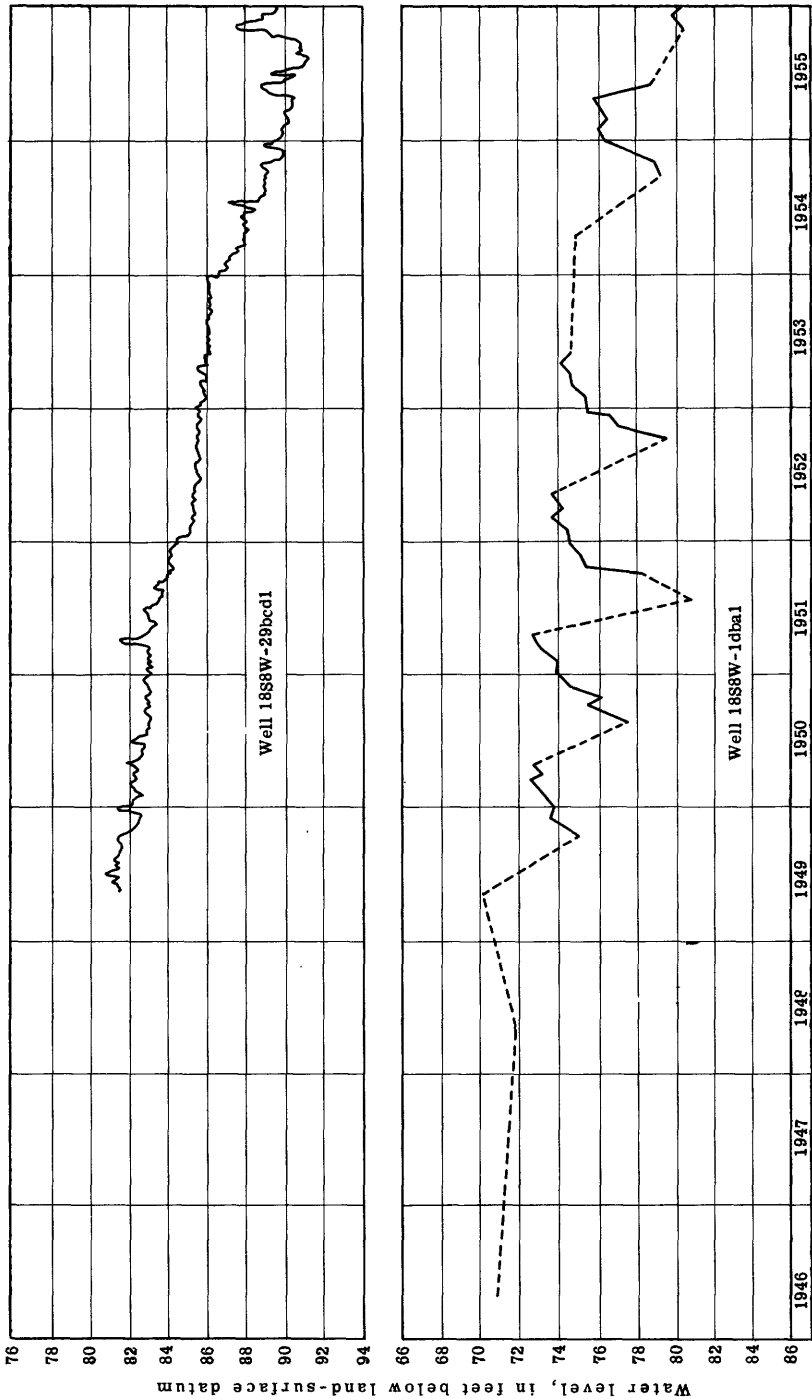


Figure 7. --Hydrographs of wells 1888W-1dba1 and 1888W-29bcd1, Ashley County, Ark.

Well Descriptions and Water-Level Measurements

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

Arkansas County

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 98.30 below lsd, Sept. 27, 1955. Records available: 1951-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	77.65	Apr. 26	74.90	July 25	95.10	Oct. 25	87.05
Feb. 23	74.91	May 27	83.42	Sept. 27	98.30	Dec. 27	78.22

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 105.30 below lsd, Sept. 12-13, 1955. Records available: 1928-55.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	102.30	101.85	101.70	101.50	101.90	102.60	103.60	104.00	105.15	104.30	103.30	103.35
2	102.50	102.20	101.80	101.35	101.80	102.45	103.40	104.10	104.85	104.25	103.65	102.85
3	102.50	102.35	101.65	101.45	101.80	102.30	103.25	104.25	104.85	104.15	103.80	102.90
4	102.40	102.25	101.60	101.45	101.80	102.15	103.15	104.40	105.00	104.00	103.75	103.20
5	102.20	101.90	101.80	101.55	101.70	102.00	102.95	104.50	105.05	103.80	103.45	103.30
6	102.50	101.90	102.00	101.70	101.65	101.95	102.80	104.50	105.05	103.80	103.40	103.15
7	102.50	102.10	102.10	101.85	101.55	102.35	102.70	104.50	104.95	104.05	103.50	102.75
8	102.30	102.05	102.00	101.95	101.70	102.60	102.75	104.40	105.00	104.15	103.60	103.20
9	102.20	102.00	101.80	101.85	101.70	102.80	103.25	104.45	105.10	104.05	103.45	103.40
10	102.35	102.20	101.55	101.80	101.70	102.80	103.40	104.55	105.10	103.95	103.05	103.40
11	102.45	102.50	101.45	101.45	101.70	103.00	103.55	104.60	105.15	103.75	102.95	103.40
12	102.30	102.65	101.70	101.35	101.60	103.25	103.70	104.55	105.30	103.55	103.15	103.30
13	102.60	102.50	101.85	101.30	101.50	103.35	103.85	104.60	105.30	103.60	103.30	103.15
14	102.40	102.10	101.80	101.60	101.80	103.40	103.90	104.70	105.25	103.50	103.30	103.15
15	102.20	101.95	101.55	101.70	102.15	103.25	103.95	104.75	105.20	103.45	103.05	103.30
16	102.10	101.90	101.95	101.60	102.30	102.95	103.85	104.65	105.20	103.45	103.55	103.25
17	102.10	102.10	101.90	101.70	102.45	102.80	103.75	104.60	105.20	103.45	103.75	102.80
18	102.20	101.90	101.85	101.65	102.55	102.90	103.55	104.70	105.20	103.60	103.60	103.10
19	102.55	101.70	101.70	101.60	102.65	103.15	103.45	104.75	105.10	103.70	103.55	103.35
20	102.55	102.05	101.60	101.55	102.60	103.40	103.35	104.80	104.95	103.80	103.55	103.20
21	102.10	102.05	101.60	101.55	102.40	103.50	103.25	104.80	105.05	103.75	103.35	103.00
22	102.25	102.10	101.90	101.45	102.30	103.55	103.55	104.80	105.10	103.70	103.00	102.90
23	102.30	102.20	101.80	101.20	102.35	103.60	103.70	104.80	105.00	103.60	103.45	102.45
24	102.25	102.15	101.75	101.40	102.35	103.65	103.75	104.80	104.90	103.80	103.55	102.65
25	102.45	102.15	101.95	101.60	102.60	103.70	103.65	104.90	104.80	103.40	103.30	102.95
26	102.35	101.85	102.25	101.70	102.70	103.85	103.55	104.95	104.70	103.20	103.30	103.00
27	102.40	101.75	102.30	101.65	102.65	103.95	103.45	104.90	104.45	103.10	103.20	103.05
28	102.25	101.60	102.00	101.75	102.50	103.80	103.30	104.90	104.45	103.10	103.40	102.90
29	102.30		101.85	101.95	102.50	103.45	103.25	104.90	104.25	103.25	103.50	103.05
30	102.30		101.95	102.05	102.55	103.55	103.65	104.95	104.20	103.35	103.60	103.20
31	102.25		101.75		102.75		103.90	105.10		103.40		103.15

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 59.55 below lsd, Mar. 29, 1955. Records available: 1938-55. Mar. 29, 59.55.

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. Measurement discontinued.

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, 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	76.74	Mar. 22	76.23	May 25	78.70	Nov. 30	79.94
Feb. 24	76.52	Apr. 20	75.79	Oct. 27	80.22	Dec. 29	80.28

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 91.4 below lsd, Sept. 21, 23-24, Oct. 7-8, 13, 1955. Records available: 1949-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	89.6	89.9	90.3	90.2	90.4	89.2	90.3	90.9	91.3	91.1	89.2	87.9
2	89.7	90.2	90.3	90.3	90.4	89.1	90.4	90.9	91.2	91.2	89.0	87.9
3	89.7	90.0	90.2	90.3	90.4	89.1	90.5	91.0	....	91.2	88.6	88.4
4	89.7	90.2	90.3	90.4	90.4	89.1	89.7	91.0	....	91.2	88.7	88.7
5	89.7	....	90.3	90.4	90.4	89.0	89.4	91.0	....	91.2	88.7	88.7
6	89.8	....	90.3	90.4	90.4	89.0	89.8	91.0	90.5	91.3	88.8	88.1
7	89.8	90.2	90.3	90.5	90.4	89.1	90.1	91.0	90.8	91.4	88.8	87.9
8	89.8	90.1	90.3	90.5	90.5	89.0	90.2	91.0	90.9	91.4	88.7	87.9
9	89.8	90.0	90.3	90.4	90.5	89.0	90.3	91.1	91.0	91.3	88.5	87.7
10	89.8	90.0	90.3	90.3	90.5	88.9	90.4	91.1	91.0	91.3	88.3	87.6
11	89.9	90.2	90.3	90.4	90.5	88.9	90.4	91.1	91.1	91.3	88.2	88.1
12	89.9	90.1	90.3	90.3	90.4	89.0	90.5	91.1	91.2	91.3	88.0	88.4
13	90.0	89.9	90.4	90.4	90.5	89.0	90.5	91.1	91.2	91.4	87.9	88.5
14	89.9	89.9	90.3	90.6	90.5	89.0	90.6	91.2	91.2	90.8	87.7	88.7
15	89.9	89.9	90.3	90.5	90.5	89.4	90.6	91.1	91.2	....	87.6	88.9
16	89.9	90.0	90.4	90.5	90.5	89.5	90.6	91.1	91.3	90.1	87.7	88.8
17	90.0	90.1	90.3	90.5	90.1	89.9	90.7	91.1	91.3	89.8	87.6	88.9
18	89.8	90.1	90.4	90.5	89.9	90.0	90.7	91.2	91.3	89.9	87.4	89.0
19	90.1	90.1	90.4	90.4	89.7	90.0	90.7	91.2	91.3	89.7	87.5	89.2
20	89.9	90.2	90.2	90.4	89.6	90.0	90.7	91.2	91.3	89.6	87.5	89.1
21	89.9	90.2	90.2	90.4	89.6	90.1	90.7	91.2	91.4	89.8	87.7	89.2
22	90.1	90.2	90.5	90.3	89.6	90.1	90.7	91.1	91.3	89.9	87.9	89.2
23	90.0	90.2	90.3	90.2	89.4	90.1	90.7	91.2	91.4	89.9	88.0	90.1
24	90.0	90.3	90.2	90.3	89.4	90.1	....	91.2	91.4	89.8	88.5	89.6
25	90.1	90.2	90.2	90.5	89.3	90.1	....	91.2	91.3	....	88.7	89.2
26	90.0	90.2	90.6	90.5	89.2	90.2	....	91.2	91.2	....	88.7	89.0
27	90.0	90.2	90.4	90.4	89.3	90.2	....	91.2	91.0	....	88.8	89.3
28	90.0	90.2	90.3	90.4	89.3	90.2	90.9	91.2	90.9	89.4	89.0	89.6
29	90.0		90.4	90.6	89.3	90.2	90.9	91.2	90.9	89.5	88.6	89.7
30	90.1		90.3	90.5	89.2	90.2	90.9	91.3	90.8	89.4	88.2	89.9
31	90.0		90.2		89.2		91.0	91.3		89.3		89.8

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 feet above msl. Highest water level 13.35 below lsd, Apr. 28, 1953; lowest 20.36 below lsd, Dec. 30, 1952. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	17.50	Apr. 20	15.75	Sept. 29	19.05	Nov. 30	19.10
Feb. 28	17.08	May 25	15.32	Oct. 27	19.25	Dec. 28	18.70
Mar. 22	15.95						

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 feet above msl. Highest water level 17.20 below lsd, May 27, 1953; lowest 21.87 below lsd, Oct. 27, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	20.70	Mar. 22	20.20	May 25	21.52	Nov. 30	21.50
Feb. 28	20.42	Apr. 20	20.16	Oct. 27	21.87	Dec. 28	20.40

Desha County

9S4W-5dad1. J. L. McKennon. Drilled unused artesian well in deposits of Quaternary age, diameter 12 inches, depth 81 feet. Highest water level 9.4 below lsd, Dec. 7-8, 23-24, 1955; lowest 15.8 below lsd, Sept. 8, 1955. Records available: 1955.

Daily highest water level from recorder graph*

Day	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.2	15.1	15.4	13.2	11.3	11.5
2	12.2	15.1	15.4	13.0	11.3	11.2
3	12.2	15.2	15.4	12.9	11.4	10.6
4	12.1	15.3	15.4	12.8	11.4	10.2
5	12.0	15.3	15.5	12.6	11.2	9.9

9S4W-5dad1--Continued.

Day	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	12.4	15.3	15.6	12.6	11.2	9.6
7	12.8	15.4	15.6	12.2	11.3	9.4
8	13.2	15.3	15.7	12.1	11.3	9.4
9	13.6	15.1	15.8	12.0	11.2	9.6
10	13.8	14.8	15.7	11.5	11.1	9.7
11	14.0	14.5	15.7	11.8	11.1	9.7
12	14.1	14.3	15.6	11.6	11.1	9.7
13	14.2	14.2	15.6	11.6	11.2	9.6
14	14.4	14.1	15.6	11.5	11.2	9.6
15	14.5	....	15.3	11.4	11.1	9.7
16	14.1	15.1	11.4	11.1	9.6
17	14.2	15.0	11.4	11.4	9.5
18	14.4	14.9	11.4	11.0	9.5
19	14.6	14.9	11.5	10.7	9.7
20	14.7	15.1	11.6	10.5	9.7
21	14.9	15.2	11.6	10.4	9.7
22	15.0	15.3	11.5	10.6	9.5
23	15.0	15.0	11.5	11.0	9.4
24	15.0	14.7	11.5	11.0	9.4
25	15.0	14.5	11.5	11.1	9.5
26	15.0	14.3	11.4	11.3	9.7
27	14.9	15.2	14.1	11.4	11.4	9.7
28	12.5	14.9	15.3	14.0	11.2	11.6	9.7
29	12.4	14.9	15.4	13.7	11.3	11.9	9.7
30	12.2	14.9	15.4	13.4	11.3	12.0	9.8
31	15.0	15.5	....	11.4	....	9.7

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

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 feet above msl. Highest water level 2.60 below lsd, Apr. 1, 1953; lowest 11.75 below lsd, Sept. 29, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	9.08	Apr. 20	4.54	Sept. 29	11.75	Nov. 30	9.89
Feb. 28	5.75	May 23	6.75	Oct. 27	10.12	Dec. 28	8.72

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 feet above msl. Highest water level 1.80 below lsd, Apr. 1, 1953; lowest 9.70 below lsd, Sept. 28, 1954. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	7.59	May 25	5.60	Sept. 29	9.40	Nov. 30	7.30
Feb. 28	5.50	June 28	9.09	Oct. 27	7.82	Dec. 28	6.42
Apr. 20	2.85	....	....	....	....	....	....

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 feet above msl. Highest water level 8.30 below lsd, Apr. 1, 1953; lowest 18.59 below lsd, Nov. 23, 1954. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	17.50	Apr. 20	14.11	July 27	17.25	Oct. 27	17.45
Feb. 28	16.11	May 25	14.82	Aug. 29	17.92	Nov. 30	17.12
Mar. 22	15.90	June 28	16.11	Sept. 29	17.97	Dec. 28	16.94

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 feet above msl. Highest water level 12.57 below lsd, Apr. 28, 1953; lowest 19.90 below lsd, Apr. 20, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	17.18	Apr. 20	19.90	Sept. 29	18.62	Nov. 30	17.90
Feb. 28	16.11	May 25	16.12	Oct. 27	18.20	Dec. 28	17.76
Mar. 22	15.72	....	....	....	....	....	....

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 30.99 below lsd, June 29, 1953. Records available: 1929-35, 1937-44, 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	27.03	Apr. 21	26.37	July 25	26.10	Oct. 25	27.78
Feb. 23	26.90	May 26	26.27	Aug. 29	26.37	Nov. 28	27.42
Mar. 22	29.05	June 28	26.20	Sept. 27	26.60		

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 27.82 below lsd, Sept. 27, 1955. Records available: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	18.95	Apr. 21	19.40	July 25	24.50	Oct. 25	26.63
Feb. 23	17.85	May 26	24.61	Sept. 27	27.82	Nov. 28	26.33
Mar. 22	17.05						

4S7W-18ddd1. Mr. Ragland. Drilled irrigation artesian well in deposits of Quaternary age, diameter 18 to 12 inches, depth 101 feet. Land-surface datum is 200 feet above msl. Highest water level 12.05 below lsd, Feb. 27, 1952; lowest 33.44 below lsd, Sept. 27, 1955. Records available: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	30.38	Apr. 21	27.89	July 25	30.72	Oct. 25	32.48
Feb. 23	29.50	May 26	28.85	Aug. 29	30.82	Nov. 28	32.25
Mar. 22	29.66	June 28	29.20	Sept. 27	33.44	Dec. 28	31.24

4S8W-35bbd2. 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 61.52 below lsd, Oct. 25, 1955. Records available: 1949-55. Aug. 29, 61.07; Oct. 25, 61.52.

Lafayette County

16S23W-10dca1. Arkansas Power & Light Co. Drilled observation well in Sparta sand, diameter 8 inches, depth 300 feet. Highest water level 30.08 below lsd, Mar. 31, 1953; lowest 79.90 below lsd, June 29, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 31, 1953	30.08	July 29, 1954	63.37	Jan. 26, 1955	65.99	July 26, 1955	68.20
Apr. 30	36.72	Aug. 25	63.85	Feb. 24	74.20	Aug. 30	75.58
May 28	37.97	Sept. 29	65.40	Mar. 23	79.68	Sept. 28	75.92
June 30	41.24	Oct. 27	66.65	Apr. 19	79.70	Oct. 26	65.45
May 26, 1954	42.50	Nov. 22	77.44	May 24	51.88	Nov. 29	64.98
June 29	42.75	Dec. 29	76.35	June 29	79.90	Dec. 29	57.14

Lincoln County

8S5W-8bda1. Formerly 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 feet above msl. Highest water level 13.92 below lsd, Apr. 1, 1953; lowest 27.58 below lsd, Aug. 29, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	23.26	Apr. 20	21.44	July 27	24.30	Oct. 27	23.60
Feb. 28	22.06	May 25	22.75	Aug. 29	27.58	Nov. 30	23.45
Mar. 22	21.33	June 28	26.38	Sept. 29	24.10	Dec. 28	23.22

Lonoke County

2N7W-22daa1. F. H. Schafer. 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 84.03 below lsd, Dec. 27, 1955. Records available: 1937-39, 1944-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	81.84	Apr. 22	81.42	July 25	83.55	Oct. 24	83.22
Feb. 21	81.75	May 23	81.92	Sept. 26	83.45	Dec. 27	84.03
Mar. 22	81.49	June 27	82.93				

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 65.66 below lsd, Sept. 26, 1955. Records available: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	63.38	Mar. 22	63.12	Sept. 26	65.66	Nov. 29	65.17
Feb. 24	63.42	Apr. 22	62.84	Oct. 24	65.22	Dec. 27	64.85

4N8W-15bcb1. B. R. Smith. Drilled unnsed artesian well in deposits of Quaternary age, diameter 6 inches, depth 35 feet. Highest water level 17.1 below lsd, June 10-12, 1955; lowest 21.4 below lsd, Dec. 29, 1955. Records available: 1955.

Daily highest water level from recorder graph*

Day	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17.5	17.8	19.1	20.0	20.5	20.9	21.0
2	17.4	17.9	19.5	20.1	20.5	20.9	21.0
3	17.4	17.9	19.3	20.4	20.5	21.0	21.0
4	17.3	18.0	19.3	20.3	20.5	21.0	21.0
5	17.2	18.0	19.6	20.2	20.5	20.9	21.1
6	17.2	18.0	19.7	20.3	20.5	20.9	21.0
7	17.2	18.0	19.5	20.3	20.5	21.0	21.0
8	17.2	18.0	19.3	20.3	20.6	21.0	21.0
9	17.2	18.1	19.3	20.3	20.6	20.9	21.1
10	17.1	18.2	19.3	20.3	20.6	20.9	21.2
11	17.1	18.2	19.3	20.3	20.6	20.9	21.2
12	17.1	18.2	19.3	20.3	20.5	20.9	21.1
13	17.2	18.3	19.3	20.3	20.5	21.0	21.1
14	17.3	18.3	19.1	20.3	20.6	21.0	21.1
15	17.3	18.4	19.1	20.3	20.6	21.0	21.2
16	17.3	18.4	....	20.3	20.6	20.9	....
17	17.3	18.3	....	20.3	20.6	21.1	....
18	17.3	18.3	....	20.3	20.6	....	....
19	17.3	18.3	....	20.3	20.7	....	....
20	17.3	18.3	....	20.3	20.7	....	....
21	17.4	18.3	....	20.3	....	21.0	....
22	17.5	18.5	....	20.4	....	20.9	....
23	17.5	18.5	....	20.4	....	21.0	....
24	17.5	18.8	....	20.4	20.9	21.1	....
25	17.6	18.8	....	20.5	20.8	21.1	....
26	17.6	18.8	20.0	20.5	20.8	21.1	....
27	17.7	18.8	20.1	20.5	20.8	21.0	21.3
28	17.8	18.8	20.1	20.5	20.7	21.1	21.3
29	17.8	18.8	20.0	20.5	20.8	21.2	21.4
30	17.8	19.1	20.0	20.4	20.8	21.2	21.3
31		19.2	20.0		20.9		21.2

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

1S10W-2bbb1. W. M. Cotham. Drilled irrigation artesian well in deposits of Quaternary age, diameter 20 inches, depth 92 feet. Highest water level 15.40 below lsd, Apr. 21, 1955; lowest 18.95 below lsd, Sept. 26, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 2, 1954	17.44	Mar. 25, 1955	15.79	June 28, 1955	17.22	Oct. 25, 1955	18.14
Jan. 25, 1955	18.47	Apr. 21	15.40	Sept. 26	18.95	Nov. 28	17.93
Feb. 23	16.81	May 23	16.98				

2S7W-18bbb1. Roy Chaney. Drilled irrigation artesian well in deposits of Quaternary age, diameter 14 inches, depth 104 feet. Highest water level 20.00 below lsd, Mar. 25, 1955; lowest 22.72 below lsd, Sept. 26, 1955. Records available: 1954-55.

Sept. 29, 1954	20.88	Feb. 23, 1955	20.40	May 23, 1955	20.98	Sept. 26, 1955	22.72
Nov. 18	20.46	Mar. 25	20.00	June 28	20.23	Oct. 25	21.96
Jan. 25, 1955	20.45	Apr. 21	20.36	July 28	21.71	Nov. 28	22.05

Quachita County

12S16W-12adb1. Owner unknown. Drilled irrigation well in deposits of Quaternary age, diameter 12 inches. Highest water level 24.45 below lsd, June 28, 1955; lowest 27.08 below lsd, Oct. 4, 1954. Records available: 1954-55.

Oct. 4, 1954	27.08	Feb. 24, 1955	25.25	June 28, 1955	24.45	Oct. 26, 1955	25.20
27	26.10	Mar. 23	25.02	July 26	24.85	Nov. 29	25.88
Nov. 22	25.96	Apr. 18	24.92	Aug. 31	25.05	Dec. 29	25.79
Jan. 26, 1955	25.51	May 24	24.54	Sept. 28	25.24		

Prairie County

185W-4ccc1. Vince Sokora. Drilled irrigation well in Sparta sand, diameter 24 inches. Land-surface datum is 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: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	96.70	Apr. 22	96.72	July 25	96.72	Oct. 24	96.52
Feb. 21	96.45	May 23	97.00	Aug. 25	96.90	Nov. 29	96.79
Mar. 22	96.72	June 27	96.74	Sept. 26	96.72	Dec. 27	96.76

185W-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: 1949-55.

Jan. 24	80.04	Mar. 22	73.93	July 25	80.15	Oct. 24	80.15
Feb. 23	77.52	Apr. 22	74.47	Sept. 26	84.67	Dec. 27	76.17

185W-20abb1. U. S. Air Force Base. Near Stuttgart. 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, 1949-55.

Jan. 24	78.90	Apr. 22	70.41	Sept. 26	92.07	Nov. 29	77.57
Feb. 23	73.37	July 25	79.55	Oct. 24	81.35	Dec. 27	79.69
Mar. 22	71.89						

186W-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 84.11 below lsd, Apr. 5, 1955. Records available: 1929, 1936, 1940-44, 1947-55. Apr. 5, 84.11.

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 21.85 below lsd, Sept. 26, 1955. Records available: 1953-55.

Jan. 24	15.40	May 23	14.54	Aug. 26	21.77	Dec. 1	15.81
Mar. 3	14.66	June 27	16.11	Sept. 26	21.85	27	15.85
Apr. 22	14.02	July 22	20.58	Oct. 24	15.88		

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, 1949-55.

Mar. 23	284.83	June 28	286.35	Aug. 31	284.10	Oct. 26	287.85
Apr. 20	278.63	July 27	283.07	Sept. 28	288.15	Dec. 28	287.88
May 25	282.39						

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, 1949-55.

Mar. 23	276.35	June 28	277.83	Aug. 31	276.60	Oct. 26	278.27
Apr. 20	269.88	July 27	275.57	Sept. 28	280.58	Dec. 29	278.35
May 25	273.85						

17S15W-18dbb1. Lion Oil Chemical Co. Drilled observation well in Sparta sand, diameter 8 inches, depth 540 feet. Land-surface datum is 182.93 feet above msl. Highest water level 278.3 below lsd, Aug. 2-3, 17-18, 1955; lowest 298.9 below lsd, Sept. 4-5, 1954. Records available: 1954-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	291.6	289.4	288.4	288.2	286.7	287.6	288.2	278.5	283.4	288.7	284.7	286.3
2	291.6	289.4	288.6	288.2	286.8	287.6	288.0	278.3	283.3	288.7	284.7	286.3
3	291.4	289.4	288.9	288.2	286.9	287.6	287.7	278.3	283.3	288.7	284.9	286.2
4	291.2	289.1	289.0	288.2	287.1	287.6	.....	278.5	283.3	288.7	285.7	286.2
5	291.1	289.0	289.2	288.1	287.3	287.8	.....	278.7	283.3	288.6	284.7	286.3
6	291.1	288.9	289.2	288.1	287.5	287.9	.....	278.8	283.2	288.5	284.4	286.2
7	291.2	288.9	289.2	288.1	288.0	286.6	.....	278.8	283.3	288.2	284.3	286.1
8	291.0	288.9	289.1	288.2	288.7	285.4	.....	278.7	283.5	288.0	284.3	286.1
9	290.9	288.8	288.9	288.2	289.2	284.8	.....	278.6	284.0	287.7	284.1	286.1
10	290.8	288.8	288.9	288.2	289.6	284.6	.....	278.6	284.6	287.5	284.0	286.1

17S15W-18dbb1--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	290.7	289.0	288.9	288.0	289.8	284.4	.....	278.6	285.1	287.4	284.0	286.1
12	290.6	289.1	288.9	287.8	290.0	284.3	.....	278.7	285.4	287.3	284.0	286.1
13	290.6	289.1	289.4	287.7	289.8	284.2	.....	278.6	285.5	287.3	284.1	286.3
14	290.4	289.0	289.7	287.8	289.7	284.2	.....	278.6	285.7	287.6	284.2	286.4
15	290.3	288.5	289.6	287.9	289.7	284.7	.....	278.5	285.9	287.4	284.5	286.7
16	290.1	288.1	289.6	287.7	289.6	285.1	.....	278.4	285.6	287.4	285.0	286.9
17	290.1	287.8	289.5	287.6	289.6	.....	.....	278.3	285.4	287.3	285.5	286.9
18	290.0	287.6	289.4	287.5	289.5	.....	.....	278.3	285.4	287.3	285.6	287.1
19	289.2	287.4	287.7	287.4	288.1	.....	.....	278.4	285.3	287.2	285.6	287.5
20	288.3	287.3	286.5	287.2	287.2	.....	.....	278.6	284.7	287.1	287.1	288.0
21	288.1	287.5	285.9	285.5	287.0	.....	.....	278.8	284.1	286.8	287.7	288.3
22	289.3	286.8	285.8	284.2	288.1	.....	.....	.....	283.7	284.9	287.8	288.5
23	289.6	286.3	285.6	283.6	288.5	.....	.....	.....	283.6	284.2	287.8	287.8
24	289.2	286.4	286.6	283.3	288.1	.....	.....	.....	283.6	284.2	287.7	287.3
25	289.3	287.3	287.0	283.2	287.5	.....	.....	.....	284.6	284.4	287.0	287.2
26	289.5	287.8	287.4	284.4	287.1	.....	.....	.....	285.8	284.8	286.6	.....
27	289.6	288.1	287.9	285.2	287.1	.....	279.0	.....	287.1	285.0	286.5	.....
28	289.8	288.3	288.2	285.8	287.3	288.9	278.9	.....	287.9	285.0	286.5	.....
29	289.9		288.2	286.2	287.6	288.7	278.8	.....	288.2	285.0	286.5	290.5
30	289.8		288.3	286.5	287.7	288.5	278.7	.....	288.6	284.9	286.5	.....
31	289.5		288.3		287.6		278.6	283.5		284.8		.....

LOUISIANA

By S. W. Fader

Scope of Water-Level Program

The observation-well program was continued in cooperation with the Louisiana Department of Public Works and the Louisiana Geological Survey, Department of Conservation. In 1955, measurements were made in 279 wells in 42 parishes. Figures 8-15 show the location of observation wells in the State. For at least part of the year, 43 of the 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 many of these parishes and also in southwestern Louisiana. Two reports were published jointly by the Louisiana Geological Survey and the Louisiana Department of Public Works as Water Resources Pamphlets Nos. 2 and 3. These were: A report on the analysis of contour maps of water levels in wells in southwestern Louisiana, by S. W. Fader, and a report on the geology and ground-water resources of the Alexandria area, Rapides Parish, by M. L. Klug.

Precipitation

The annual precipitation in Louisiana in 1955 was 57.14 inches, 0.20 inch below normal. Because of nearly adequate rainfall during the growing season, pumping for agricultural purposes, especially for the irrigation of rice, was less than the usual annual requirement.

Pumpage

Ground-water pumpage for all purposes in Louisiana in 1955 was about 1,020 mgd (million gallons per day): 340 mgd in the southeast, 140 mgd in the north, and 540 mgd in the southwest.

Interpretation of Water-Level Fluctuations

Water levels in the industrial district of Lake Charles continued to decline. The low for 1955 in well Cu-445, screened at a depth of about 500 feet, was 6 feet lower than in 1954. In well Cu-446, screened at a depth of about 700 feet, the 1955 low was 1.86 feet above that of 1954. (See fig. 16.)

In general, water levels in wells screened in sands of Eocene age, the principal water-bearing formations of northern Louisiana, declined in 1955. Continued heavy pumping in Monroe and vicinity was reflected by a decline in wells screened in the Sparta sand. Figure 17 shows the decline in well Ou-100, screened between 675 and 695 feet in a sand of Sparta age. The water level in this well has declined from about 90 to 120 feet below the surface since June 1946, reaching the lowest of record in November 1955.

Measurements in wells screened in the Catahoula formation of Miocene age, one of the principal aquifers of central Louisiana, showed a slight rise in 1955. The 1955 low in well R-26 was 13 feet higher than the 1954 low. Well V-104 continued to reflect a recovering water-level trend, reaching a new high in June 1955 (fig. 18).

Water levels fluctuated according to the rate of pumping in the "400-foot" and "600-foot" sands in the Baton Rouge industrial area (fig. 19). Water levels in these sands, two of the principal aquifers of the Baton Rouge area, were more or less the same as in 1954. Within the industrial area, the low was 210 feet. The low in well EB-128, on the edge of the industrial area, was 127.16 on October 25, 26, and 27. Increased pumping from the "1,200-foot" sand was reflected in the decline in well WBR-5 in which the low in 1955 was about 14 feet lower than in 1954. Little change was noted in wells in the flowing-well area of southeastern Louisiana.

Figure 20 shows the rise in water level in the rice-farming area. The 1955 low in well Ac-40 was about 4 feet above the 1954 low. In general, water levels in wells screened in sands of Pleistocene age declined only slightly because of sufficient rainfall during the irrigation season and because of the reduction in rice acreage.

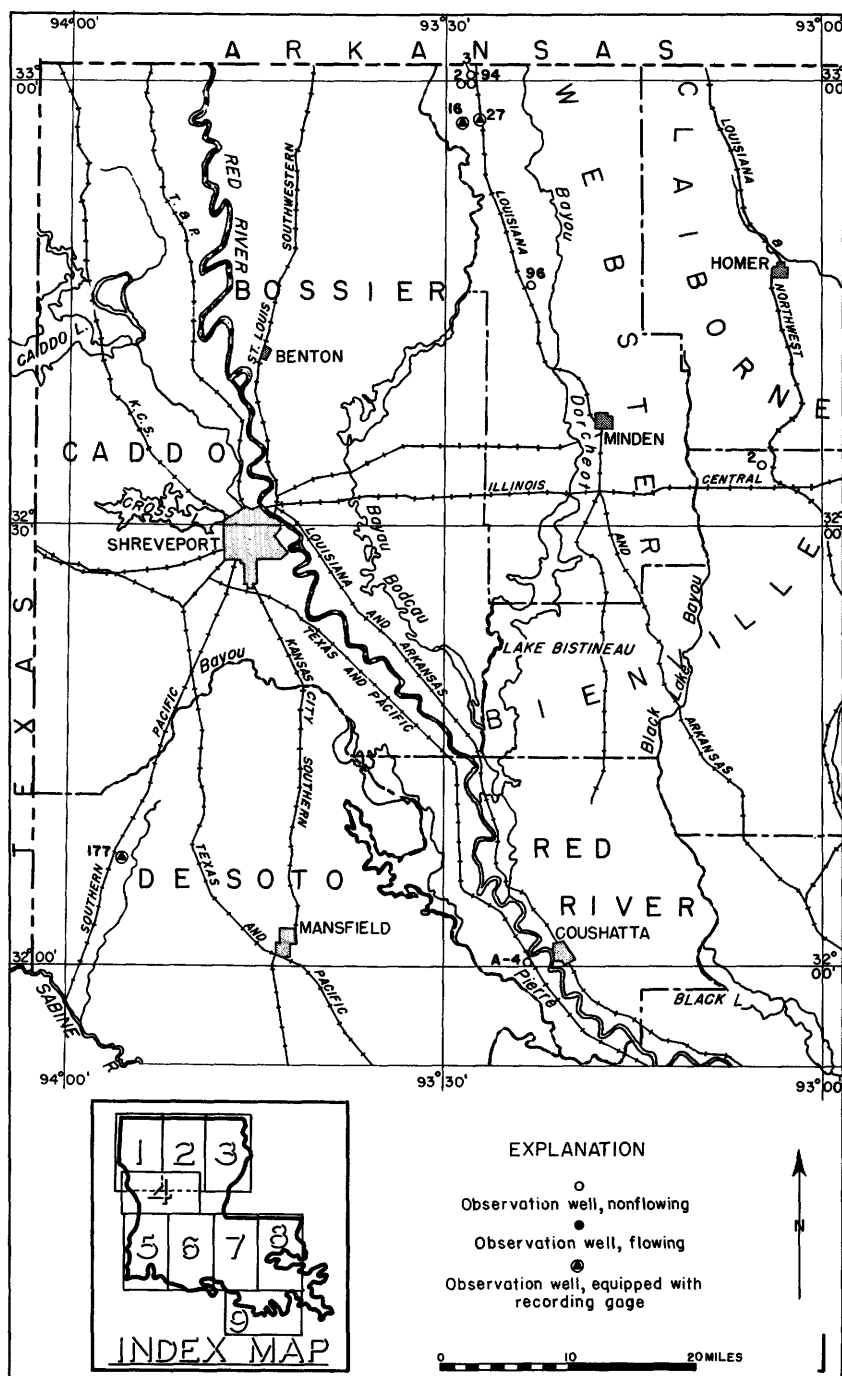


Figure 8. --Location of observation wells in Bienville, De Soto, Red River, and Webster Parishes, La., 1955.

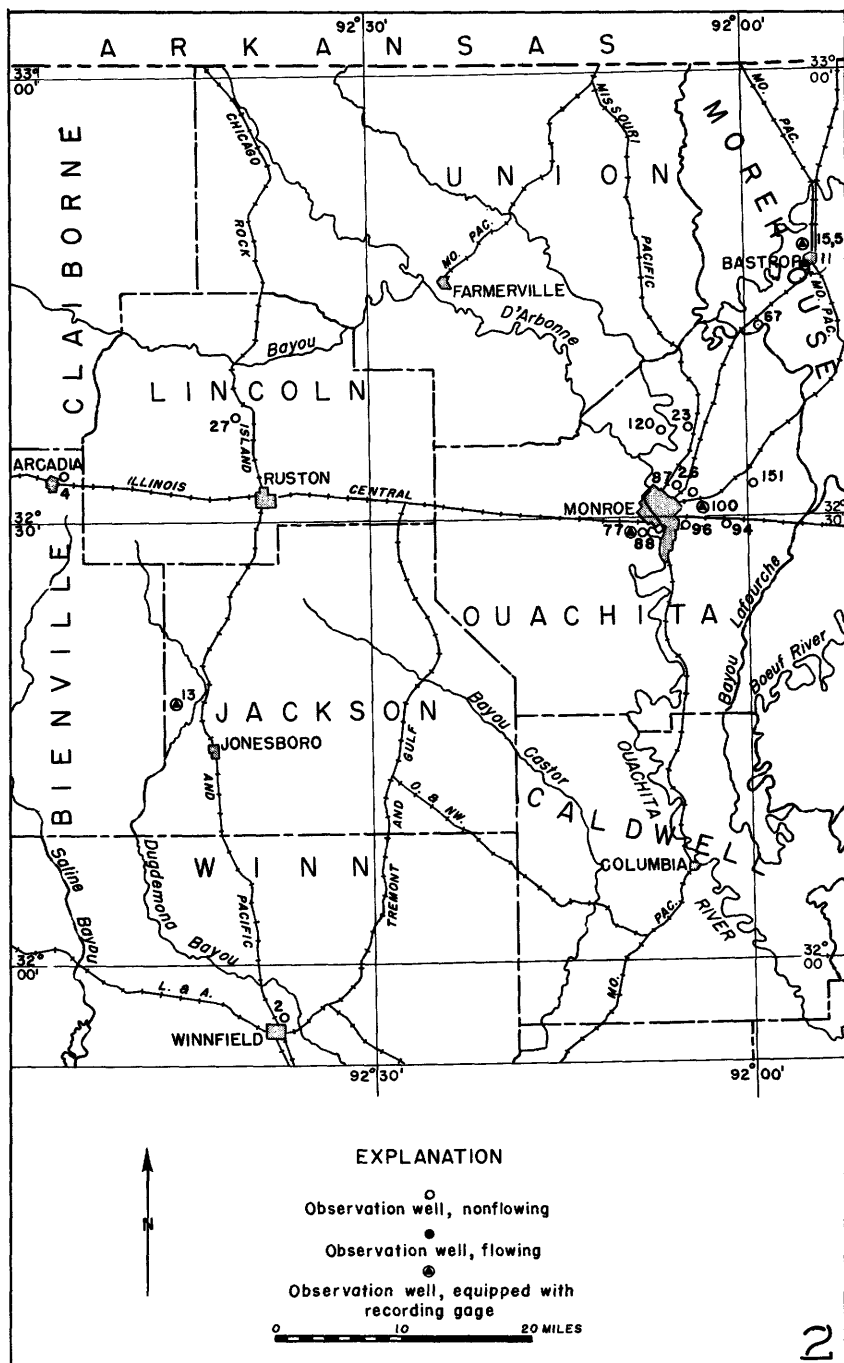


Figure 9. --Location of observation wells in Bienville, Jackson, Lincoln, Morehouse, Ouachita, and Winn Parishes, La., 1955.

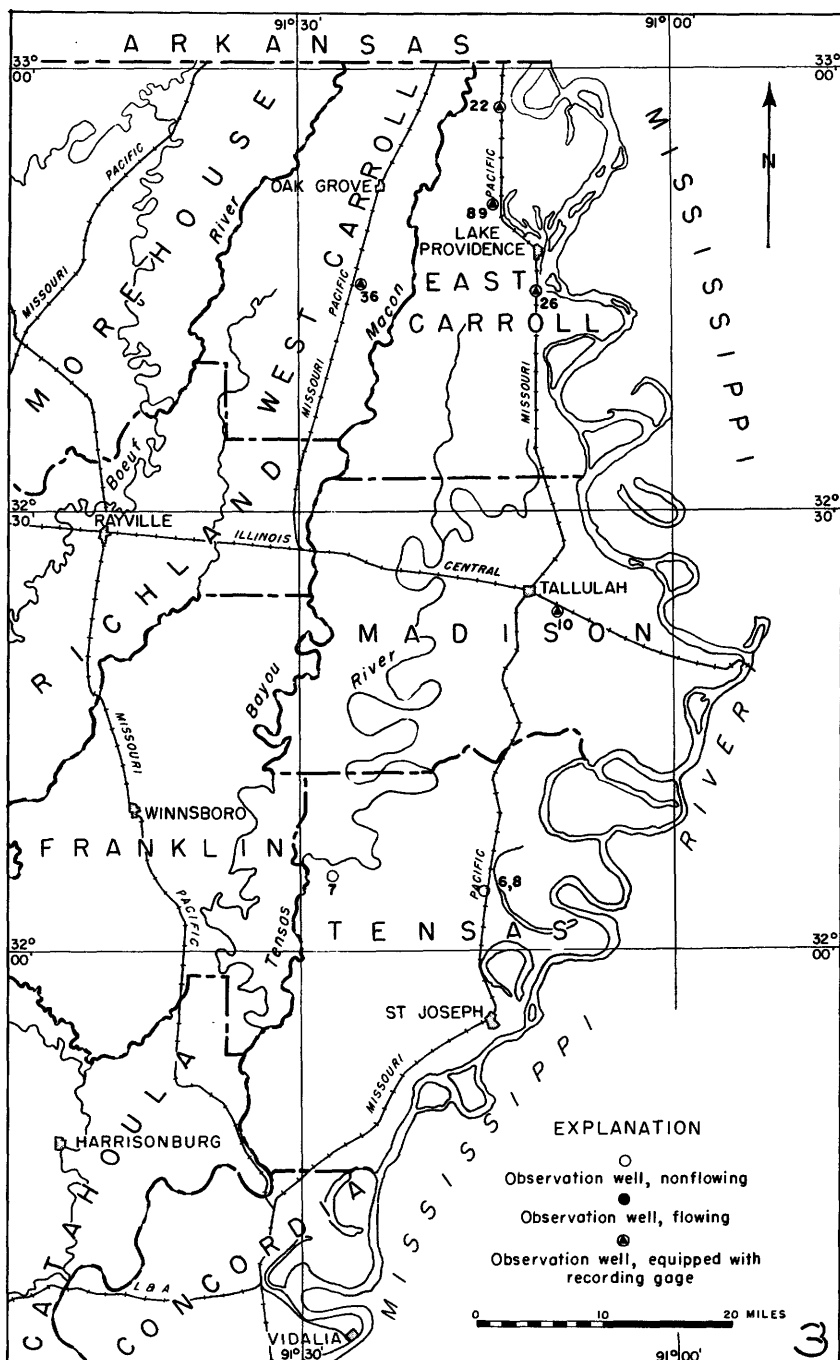


Figure 10. --Location of observation wells in East Carroll, Madison, Tensas, and West Carroll Parishes, La., 1955.

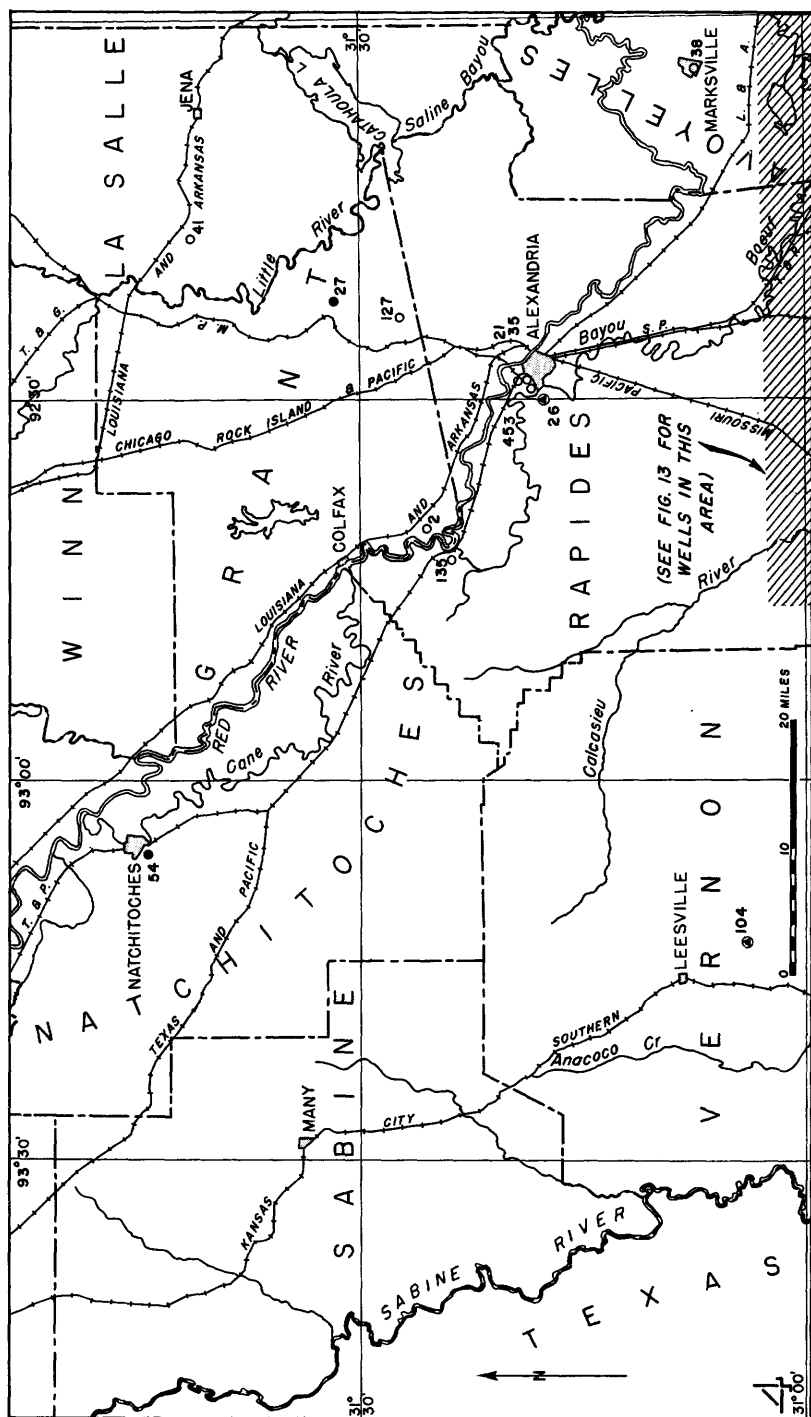
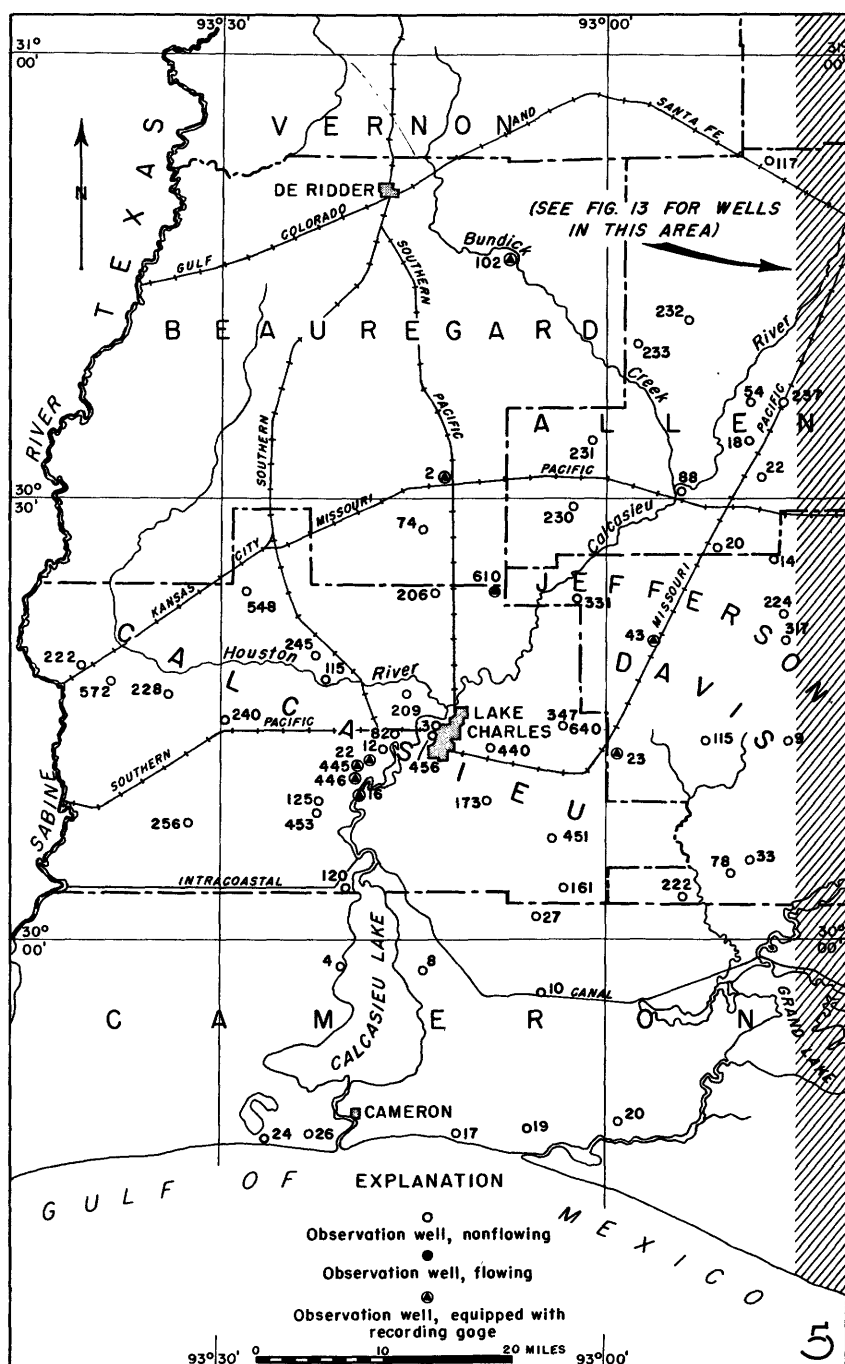


Figure 11. --Location of observation wells in Avoyelles, Grant, La Salle, Natchitoches, Rapides, and Vernon Parishes, La., 1955.



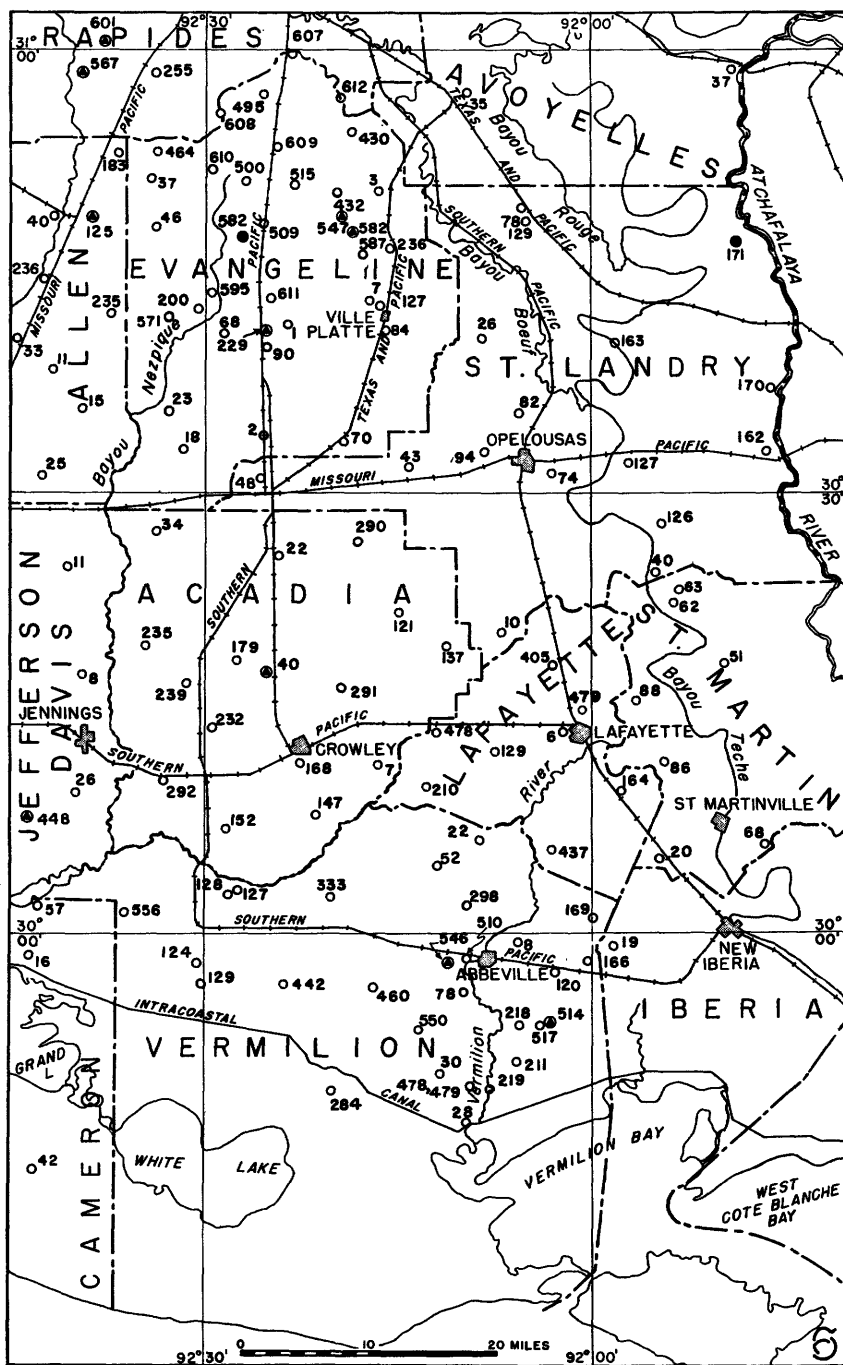


Figure 13. --Location of observation wells in Acadia, Allen, Avoyelles, Cameron, Evangeline, Iberia, Jefferson Davis, Lafayette, Rapides, St. Landry, St. Martin, and Vermilion Parishes, La., 1955.

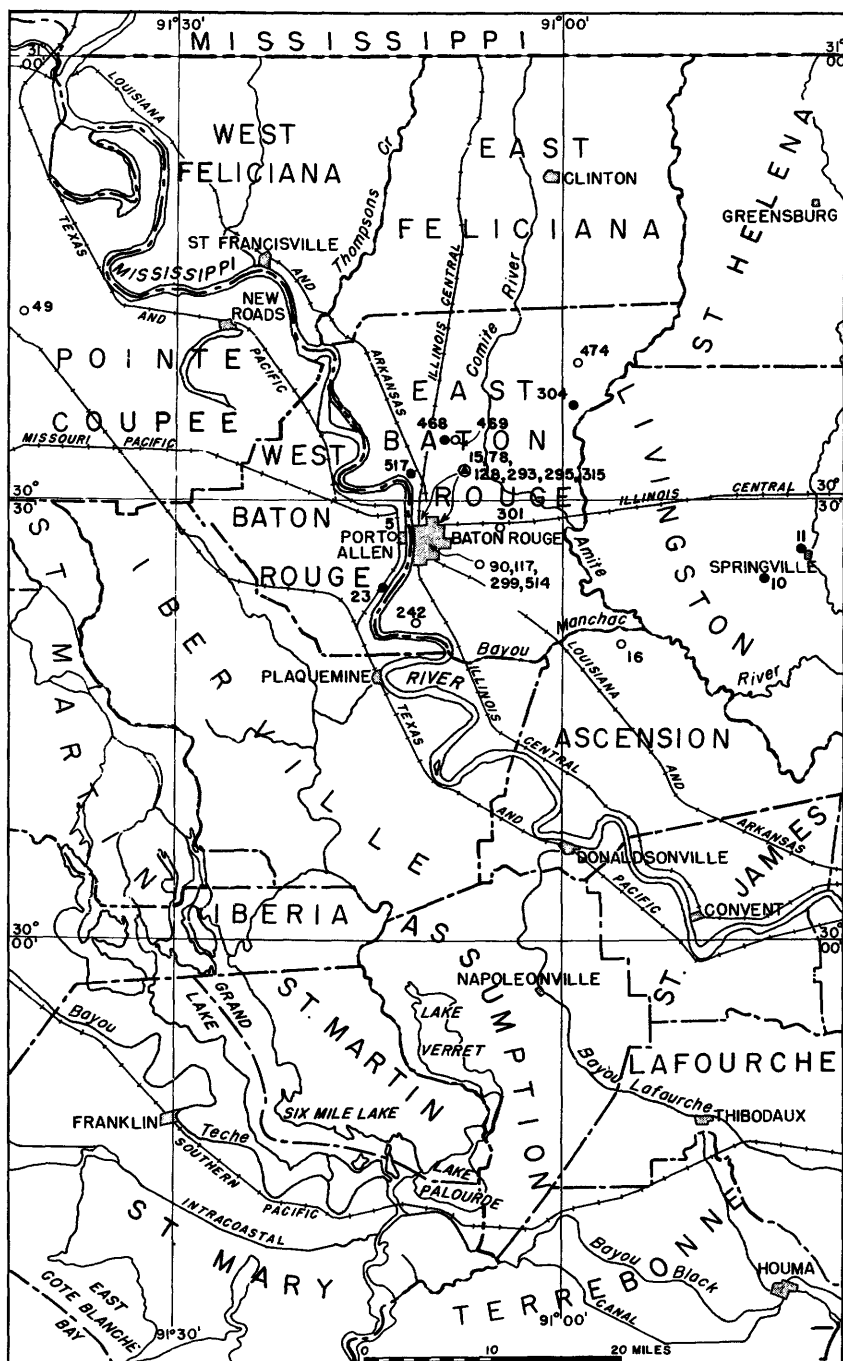


Figure 14. --Location of observation wells in Ascension, East Baton Rouge, Livingston, Pointe Coupee, and West Baton Rouge Parishes, La., 1955.

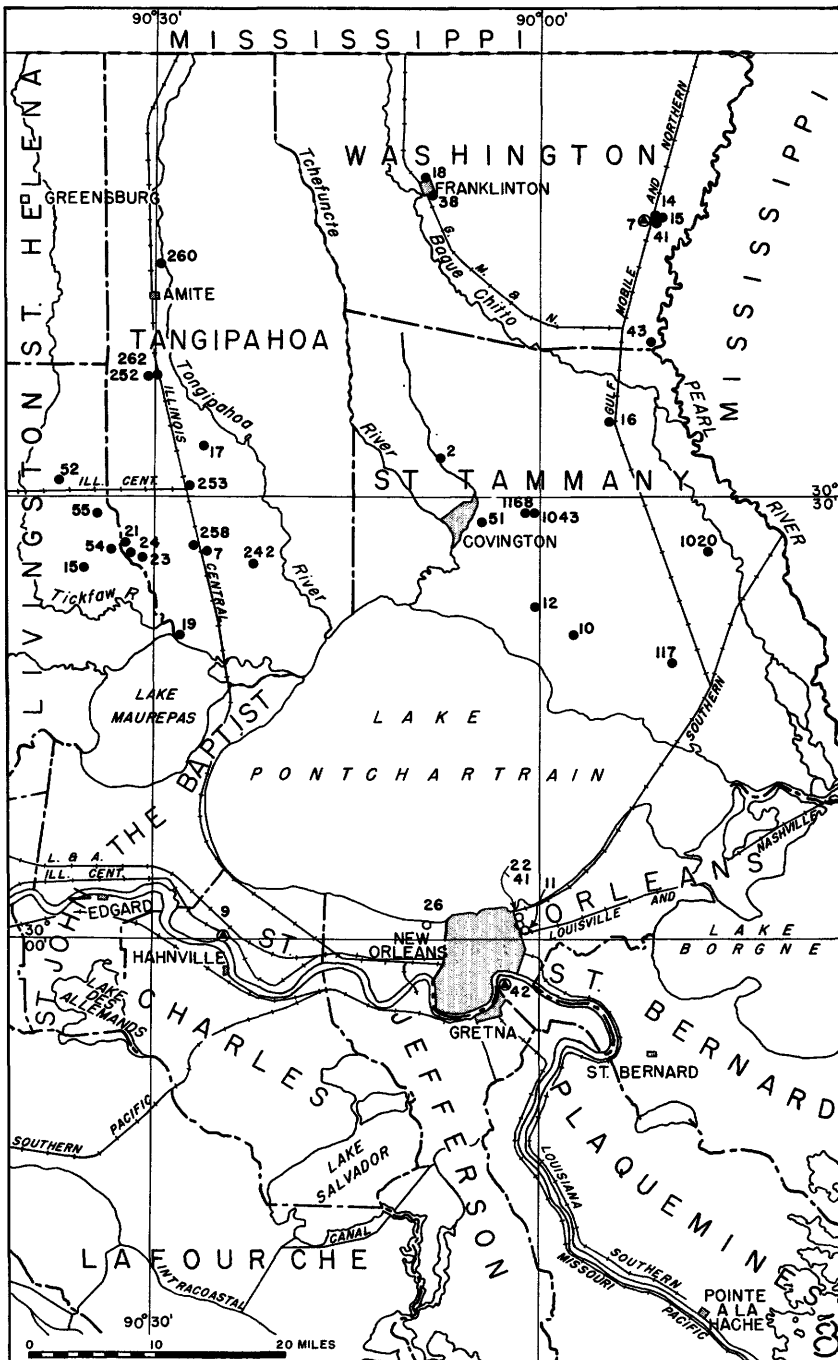


Figure 15. --Location of observation wells in Jefferson, Livingston, Orleans, St. Charles, St. Tammany, Tangipahoa, and Washington Parishes, La., 1955.

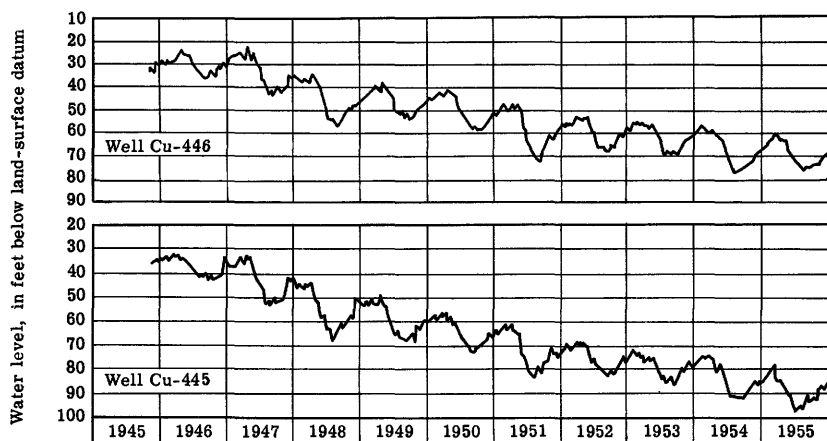


Figure 16. --Water levels in wells Cu-445 and Cu-446, Lake Charles, La., 1945-55.

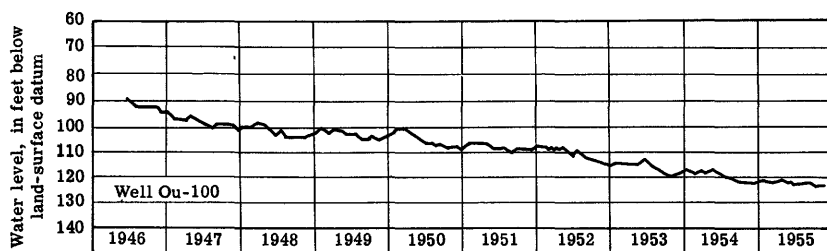


Figure 17. --Water level in well Ou-100, Monroe, La., 1946-55.

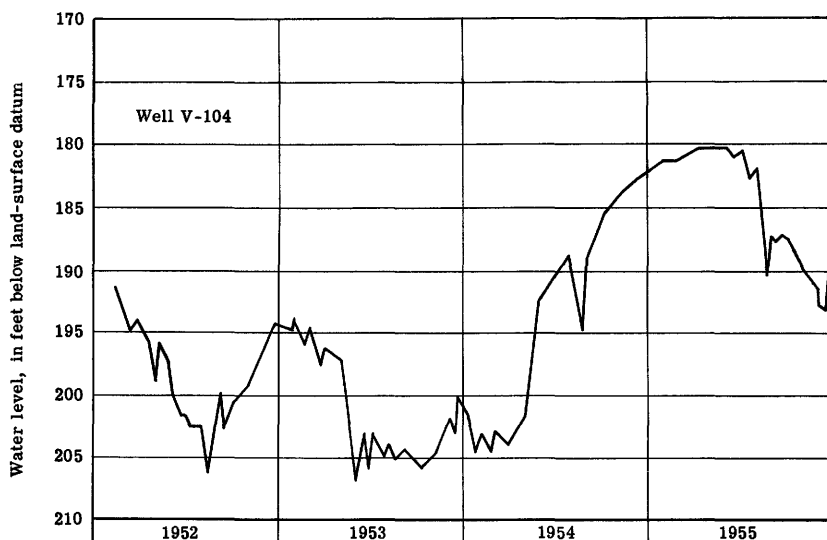


Figure 18. --Water level in well V-104, Fort Polk, La., 1952-55.

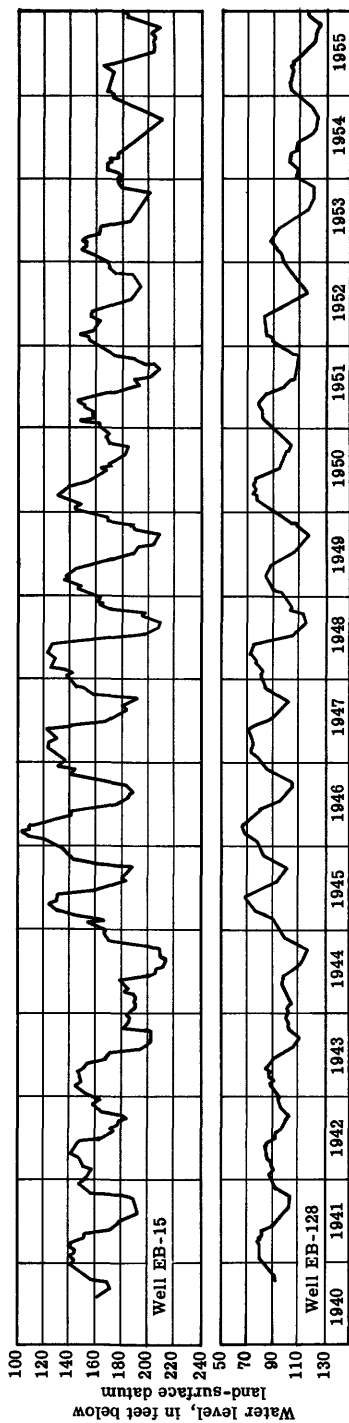


Figure 19. -- Water levels in wells EB-15 and EB-128, Baton Rouge, La., 1940-55.

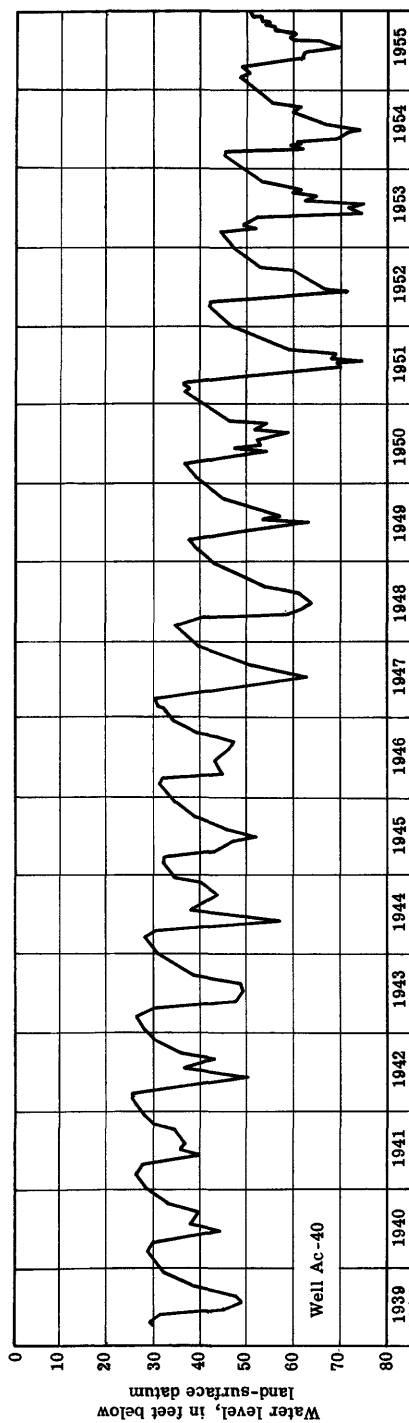


Figure 20. -- Water level in well Ac-40, Crowley, La., 1939-55.

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.

Well-Numbering System

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

Well Descriptions and Water-Level Measurements

Water levels are 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 plus signs are above the plane of reference, and those between minus signs are below 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, 1942-55. Mar. 14, 41.45; Aug. 30, 51.06.

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: 1939-55. Mar. 14, 65.96; Apr. 11, 65.78; May 24, 77.32; Aug. 31, 79.70.

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 43.82 feet above msl. Highest water level 38.44 below lsd, Jan. 21, 1943; lowest 74.01 below lsd, Aug. 31, 1955. Records available: 1939-48; 1950-55. Mar. 14, 62.40; Aug. 31, 74.01.

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: 1939-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	52.55	50.78	49.40	50.99	.....	64.02	h70.83	61.27	60.50	57.02	55.22	52.38
2	52.51	50.73	49.37	50.80	.....	65.70	70.37	61.12	60.13	56.17	56.02	52.05
3	52.51	50.70	49.36	50.46	.....	66.75	69.77	61.14	59.81	56.05	55.03	52.01
4	52.40	50.64	49.27	50.22	.....	67.36	68.92	61.03	59.55	55.92	54.83	51.89
5	53.95	50.14	49.25	50.05	.....	67.62	68.68	60.77	59.30	55.82	54.66	51.88
6	52.56	50.06	49.21	49.93	.....	67.80	68.99	60.55	59.28	55.72	54.59	51.86
7	52.24	50.11	49.21	49.93	.....	66.20	69.99	60.31	59.19	55.61	54.51	51.78
8	52.17	50.12	49.20	49.78	.....	64.62	70.19	60.07	59.05	55.53	54.59	51.73
9	52.11	50.11	49.20	49.60	.....	64.97	70.69	59.88	58.90	55.44	54.40	51.77
10	51.75	50.10	49.07	49.25	.....	65.80	69.98	59.69	58.67	56.02	54.33	51.75
11	.....	50.18	49.02	49.22	.....	66.70	69.43	59.56	58.53	55.78	54.06	51.69
12	.....	50.22	49.00	49.03	.....	65.52	69.17	59.42	58.31	56.20	53.90	51.65
13	.....	50.18	48.97	48.92	.....	64.78	67.93	59.31	58.19	56.12	53.82	51.58
14	.....	50.12	48.90	48.93	.....	64.18	67.15	59.22	58.06	55.57	53.69	51.51
15	.....	50.04	48.87	48.91	.....	66.08	66.63	59.13	57.89	56.05	53.56	51.47
16	.....	49.96	49.04	48.88	.....	66.19	66.18	59.68	57.75	55.15	53.40	51.42
17	.....	49.94	48.83	48.87	.....	65.80	65.57	60.31	57.71	54.97	53.40	51.31
18	.....	49.89	48.79	48.85	.....	65.81	65.13	60.77	57.67	54.90	53.30	51.23
19	.....	49.82	48.74	48.89	.....	63.70	64.67	60.87	57.51	54.90	53.50	51.20
20	51.44	49.77	48.66	49.32	.....	66.55	64.27	.....	57.37	54.89	53.35	51.18
21	51.32	49.59	48.36	50.38	.....	.....	63.82	.....	57.33	54.92	53.18	51.11
22	51.28	49.63	48.41	51.18	.....	.....	63.28	.....	57.21	55.90	53.10	51.02
23	51.25	49.60	48.59	51.70	.....	.....	63.00	.....	57.05	55.18	53.69	50.92
24	51.21	49.62	48.84	51.40	h59.85	.....	62.78	.....	56.93	55.12	53.02	50.88
25	51.20	49.62	49.15	51.74	59.78	.....	62.40	62.55	56.83	55.95	52.82	50.85

Ac-40--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	51.16	49.57	49.90	53.42	60.06	.....	62.30	62.60	56.73	h57.53	52.76	50.81
27	51.08	49.52	49.81	54.56	62.76	.....	62.07	62.67	56.63	57.59	52.63	50.77
28	51.03	49.45	49.64	55.56	61.01	.....	61.85	61.87	56.50	55.43	52.58	50.73
29	51.01		49.64	56.56	.....	.....	61.80	61.36	56.39	55.41	52.57	50.73
30	50.95		50.15	.....	.....	.....	61.77	61.12	56.27	55.10	52.52	50.70
31	50.89		50.60		62.68		61.50	60.96		54.93		50.65

h Tape measurement.

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. Land-surface datum is 49.30 feet above msl. Highest water level 60.93 below lsd, Mar. 16, 1954; lowest 72.09 below lsd, Sept. 15, 1954. Records available: 1954-55. Mar. 14, 63.32; Aug. 31, 71.87.

Ac-137. C. Kennedy. NE $\frac{1}{2}$ irregular sec. 49, T. 8 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, depth 300 feet. Land-surface datum is 40.88 feet above msl. Highest water level 49.19 below lsd, June 16, 1954; lowest 57.17 below lsd, Aug. 31, 1955. Records available: 1954-55. June 16, 1954, 49.19; Mar. 14, 1955, 51.32; Aug. 31, 57.17.

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, 1944-55. Mar. 14, 29.86; Aug. 30, 38.57.

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, 1944-55. Mar. 14, 29.75; Aug. 30, 38.24.

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 33.92 feet above msl. Highest water level 30.85 below lsd, Apr. 17, 1944; lowest 65.22 below lsd, Sept. 13, 1954. Records available: 1939-55. Mar. 14, 53.16; Aug. 31, 53.61.

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: 1944-55. Mar. 14, 37.50; Apr. 12, 37.97; Aug. 30, 48.08.

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, 1954-55. Mar. 14, 30.60; Aug. 31, 39.66.

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 35.25 feet above msl. Highest water level 42.86 below lsd, Mar. 22, 1950; lowest 66.47 below lsd, Sept. 13, 1954. Records available: 1949-55. Mar. 14, 55.31.

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 21.40 feet above msl. Highest water level 27.46 below lsd, Mar. 22, 1950; lowest 50.24 below lsd, Sept. 13, 1954. Records available: 1949-55. Mar. 14, 39.44; Aug. 31, 47.78.

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. Land-surface datum is 53.40 feet above msl. Highest water level 69.15 below lsd, Mar. 3, 1954; lowest 87.88 below lsd, July 11, 1955. Records available: 1954-55. Mar. 14, 71.84; July 11, 87.88; Aug. 31, 82.61.

Ac-291. C. J. Zaunbrecher. Irregular sec. 12, T. 9 S., R. 1 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 10 inches, depth 272 feet. Land-surface datum is 33.27 feet above msl. Highest water level 45.55 below lsd, Mar. 16, 1954; lowest 60.75 below lsd, Sept. 15, 1954. Records available: 1954-55. Mar. 14, 48.35; Aug. 31, 57.81.

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. Land-surface datum is 12.07 feet above msl. Highest water level 26.43 below lsd, Mar. 17, 1954; lowest 38.52 below lsd, Sept. 14, 1954. Records available: 1954-55. Mar. 15, 38.35; Aug. 30, 34.68.

Allen Parish

Al-11. Onezie Vincent. SE $\frac{1}{4}$ 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 60.52 below lsd, Sept. 2, 1955. Records available: 1944-55. Mar. 16, 58.41; Sept. 2, 60.52.

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 71.65 feet above msl. Highest water level 50.20 below lsd, Apr. 12, 1944; lowest 63.64 below lsd, Sept. 16, 1954. Records available: 1944-55. Mar. 16, 63.12; Sept. 2, 63.50.

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 38.16 below lsd, Sept. 2, 1955. Records available: 1944-55. Mar. 17, 37.49; Sept. 2, 38.16.

Al-20. C. I. Kuntz. SW $\frac{1}{4}$ 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 42.80 feet above msl. Highest water level 32.58 below lsd, Apr. 12, 1944; lowest 50.78 below lsd, Oct. 2, 1953. Records available: 1944-55. Mar. 17, 48.77; Sept. 2, 50.17.

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 42.39 below lsd, Sept. 2, 1955. Records available: 1944-55. Mar. 17, 41.33; Sept. 2, 42.39.

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 54.81 feet above msl. Highest water level 49.69 below lsd, May 12, 1947; lowest 67.77 below lsd, Sept. 2, 1955. Records available: 1946-55. Mar. 17, 65.79; Sept. 2, 67.77.

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 83.31 feet above msl. Highest water level 38.60 below lsd, May 3, 1947; lowest 48.15 below lsd, Sept. 1, 1955. Records available: 1947-55. Mar. 16, 46.09; Apr. 13, 45.69; Sept. 1, 48.15; Oct. 7, 47.27; Oct. 28, 46.92.

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 $\frac{1}{2}$ by 4 $\frac{1}{2}$ feet, depth 16 feet. Land-surface datum is 114.90 feet above msl. Highest water level 1.68 below lsd, Jan. 24, 1947; lowest 21.75 below lsd, Apr. 10, 1953. Records available: 1945, 1947-51, 1953-55. Mar. 17, 7.26; Aug. 29, 8.19.

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 62.58 feet above msl. Highest water level 26.62 below lsd, Apr. 5, 1948; lowest 36.79 below lsd, Sept. 16, 1954. Records available: 1945, 1947-55. Sept. 1, 36.26.

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 34.12 below lsd, Sept. 1, 1955. Records available: 1946-51, 1953-55. Mar. 17, 26.81; Sept. 1, 34.12.

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. Measurement discontinued.

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. Land-surface datum is 120.4 feet above msl. Highest water level 30.58 below lsd, Jan. 27, 1947; lowest 37.95 below lsd, Jan. 7, 1955. Records available: 1947-55. Recording gage removed Nov. 25.

Al-125--Continued.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	37.67	37.24	36.52	36.86	36.75	36.82	h37.28	.....	37.02	37.30	37.57	.....
2	37.78	37.38	36.59	36.97	36.79	36.82	37.32	.....	37.02	37.27	37.57	.....
3	37.75	37.46	36.50	37.00	36.80	36.82	37.35	.....	37.01	37.27	.....	.....
4	37.68	37.34	36.50	37.02	36.79	36.83	37.34	.....	37.05	37.28	.....	.....
5	37.65	37.18	36.56	37.08	36.80	36.82	37.32	37.25	37.06	37.27	37.52	.....
6	37.80	37.23	36.63	37.07	36.83	36.86	37.31	37.20	.....	37.32	37.50	.....
7	37.95	37.49	36.70	37.17	36.88	36.98	37.34	37.05	.....	.....	.....	.....
8	37.68	37.15	36.75	37.15	36.93	36.99	37.37	36.94	.....	.....	.....	.....
9	37.68	37.00	36.55	37.03	36.94	37.00	37.40	36.94	.....	.....	37.52	.....
10	37.80	36.87	36.52	36.95	36.92	36.97	37.40	36.92	.....	.....	37.49	.....
11	37.76	37.15	36.55	36.88	36.93	37.00	37.38	36.84	.....	.....	37.58	.....
12	37.72	37.15	36.62	36.78	36.93	37.03	37.40	36.78	.....	37.32	.....	.....
13	37.77	36.95	36.66	36.79	36.94	37.05	37.41	.....	.....	37.38	.....	.....
14	37.60	36.78	36.66	36.90	36.94	37.04	37.38	.....	.....	37.38	.....	.....
15	37.59	36.66	36.68	36.90	36.95	37.03	.....	.....	.....	37.38	37.55	.....
16	37.62	36.63	36.82	36.80	36.95	37.05	.....	.....	37.15	37.35	.....	.....
17	37.58	36.75	36.80	36.66	36.95	37.06	.....	.....	37.19	37.41	.....	.....
18	37.50	36.62	36.81	36.56	36.95	37.07	.....	.....	37.19	.....	37.57	.....
19	37.77	.....	36.81	36.57	36.82	37.11	.....	.....	37.20	.....	.....	.....
20	37.58	.....	36.79	36.58	.....	37.11	.....	.....	37.20	.....	.....	.....
21	37.43	.....	36.69	36.53	.....	37.11	.....	.....	37.25	.....	37.57	.....
22	37.51	.....	37.15	36.44	.....	37.15	.....	.....	37.25	.....	37.55	.....
23	37.50	.....	36.95	36.60	h36.86	37.15	.....	.....	37.20	.....	.....	.....
24	37.50	.....	36.91	36.66	36.85	.....	.....	.....	37.22	h37.57	.....	.....
25	37.61	.....	36.85	36.66	36.82	.....	.....	.....	37.25	37.55	h37.68	.....
26	37.50	.....	37.19	36.61	36.79	.....	.....	.....	37.25	37.51	.....	.....
27	37.44	.....	37.15	36.70	36.79	.....	.....	.....	37.25	37.48	.....	.....
28	37.41	36.48	36.96	36.78	36.81	.....	h37.20	.....	37.25	37.41	.....	.....
29	37.45	.....	37.02	36.78	36.86	.....	.....	h36.99	37.22	37.56	.....	.....
30	37.44	.....	37.01	36.73	36.81	.....	.....	37.02	37.25	37.59	.....	.....
31	37.36	.....	37.00	.....	36.82	.....	.....	37.04	.....	37.59	.....	h37.55

h Tape measurement.

Al-183. W. B. Hoffpauir. 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 $\frac{1}{2}$ inches, depth 37 feet. Land-surface datum is 124.7 feet above msl. Highest water level 22.44 below lsd, Apr. 28, 1953; lowest 24.38 below lsd, Sept. 16, 1954. Records available: 1953-55. Mar. 17, 23.42; Aug. 29, 23.72.

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. Land-surface datum is 49.1 feet above msl. Highest water level 30.15 below lsd, Sept. 1, 1955; lowest 32.64 below lsd, Sept. 13, 1954. Records available: 1954-55. Mar. 17, 30.96; Sept. 1, 30.15.

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. Land-surface datum is 65.7 feet above msl. Highest water level 28.99 below lsd, Mar. 18, 1954; lowest 31.06 below lsd, Sept. 13, 1954. Records available: 1954-55. Mar. 17, 30.18; Sept. 1, 30.97.

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. Land-surface datum is 91.6 feet above msl. Highest water level 37.04 below lsd, Sept. 1, 1955; lowest 38.70 below lsd, Sept. 16, 1954. Records available: 1954-55. Mar. 16, 37.35; Sept. 1, 37.04.

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. Land-surface datum is 86.9 feet above msl. Highest water level 29.53 below lsd, Mar. 19, 1954; lowest 31.84 below lsd, Sept. 16, 1954. Records available: 1954-55. Mar. 16, 30.75; Sept. 1, 29.80.

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 $\frac{1}{2}$ inches, depth 77 feet, screen 72-75. Land-surface datum is 87.9 feet above msl. Highest water level 45.78 below lsd, Feb. 24, 1954; lowest 47.24 below lsd, Aug. 29, 1955. Records available: 1954-55. Mar. 16, 46.86; Aug. 29, 47.24.

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. Land-surface datum is 102.7 feet above msl. Highest water level 36.45 below lsd, Mar. 16, 1955; lowest 38.04 below lsd, Sept. 16, 1954. Records available: 1954-55. Mar. 16, 36.45; Sept. 2, 36.72.

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 45.73 above lsd, Feb. 28, Apr. 26, 1955; lowest 32.80 above lsd, Dec. 19, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 28	+45.73	May 25	+45.05	Aug. 8	+45.05	Nov. 10	+34.42
Mar. 25	+45.05	June 10	+45.05	Sept. 12	+41.81	Dec. 19	+32.80
Apr. 26	+45.73	July 8	+43.89	Oct. 10	+36.73		

Avoyelles Parish

Av-35. Interstate Oil Pipeline Co. SE $\frac{1}{4}$ sec. 21, T. 1 S., R. 3 E. Drilled observation artesian well in sand of Catahoula formation, diameter 8 inches, depth 716 feet. Highest water level 19.70 below lsd, Feb. 21, June 1, 1955; lowest 20.28 below lsd, Dec. 10, 1954. Records available: 1954-55.

Dec. 10, 1954	20.28	Mar. 21, 1955	19.81	Aug. 23, 1955	19.78	Nov. 2, 1955	20.12
Jan. 17, 1955	19.95	June 1	19.70	Sept. 20	19.85	Dec. 6	20.14
Feb. 21	19.70						

Av-37. Town of Simmesport. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 1 S., R. 6 E. Drilled public supply artesian well in sand of Recent age, diameter 8 inches, depth 398 feet. Highest water level 13.42 below lsd, June 1, 1955; lowest 19.36 below lsd, Jan. 25, 1955. Records available: 1955.

Jan. 25	19.36	Mar. 21	13.98	Aug. 23	18.57	Nov. 2	18.78
Feb. 21	19.05	June 1	13.42	Sept. 20	17.75	Dec. 6	15.29

Av-38. Louisiana Light & Power Co. Irregular sec. 64, T. 2 N., R. 4 E. Drilled observation artesian well in sand of Pleistocene age, diameter 8 inches, depth 102 feet. Highest water level 43.39 below lsd, June 1, 1955; lowest 44.31 below lsd, Dec. 8, 1955. Records available: 1955.

Jan. 25	44.18	Mar. 21	43.87	Aug. 23	43.85	Nov. 2	44.05
Feb. 21	43.95	June 1	43.39	Sept. 20	44.17	Dec. 6	44.31

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: 1943-55. Recording gage removed Nov. 20.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	53.91	.....	53.33	53.22	53.35	54.21	56.45	55.90	h55.57	54.84	54.40	.....
2	53.99	.....	53.37	53.24	53.32	54.41	56.40	55.87	55.53	54.83	54.38	.....
3	54.00	.....	53.33	53.24	53.34	54.60	56.37	55.74	55.44	54.80	54.54	.....
4	53.94	.....	53.31	53.23	53.36	54.76	56.26	55.76	55.40	.....	54.51	.....
5	53.88	.....	53.35	53.29	53.36	54.86	56.06	55.70	55.38	.....	54.38	.....
6	53.96	.....	53.41	53.31	53.34	54.94	55.88	55.64	55.32	.....	54.30	.....
7	53.96	.....	53.49	53.38	53.35	55.15	55.76	55.50	55.24	h54.66	54.38	.....
8	53.88	.....	53.54	53.41	53.52	55.24	55.71	55.40	55.19	54.70	54.44	.....
9	53.74	.....	53.37	53.24	53.65	55.30	55.72	55.22	55.17	54.66	54.32	.....
10	53.84	.....	53.31	53.16	53.82	55.36	55.78	55.25	55.12	54.64	54.22	.....
11	53.88	.....	53.31	53.14	53.87	55.33	55.79	55.18	55.09	54.59	54.25	.....
12	53.86	.....	53.31	52.94	53.85	55.32	55.77	55.08	55.14	54.52	54.32	.....
13	53.94	.....	53.33	53.04	53.86	55.34	55.85	55.04	55.26	54.52	54.37	.....
14	53.82	53.65	53.34	53.19	53.95	55.33	55.89	55.08	55.38	.....	54.33	.....
15	53.70	53.54	53.31	53.26	54.04	55.31	55.76	55.07	55.26	.....	54.24	.....
16	53.74	53.46	53.36	53.24	.....	55.24	55.67	54.99	55.20	.....	54.32	.....
17	.....	53.50	53.36	53.25	.....	55.26	55.60	54.96	55.16	.....	54.42	.....
18	.....	53.44	53.34	53.25	.....	55.29	55.55	55.03	55.12	.....	h54.33	.....
19	53.88	53.36	53.32	53.21	.....	55.29	55.44	55.19	55.06	.....	.....	.....
20	53.80	53.46	53.30	53.20	h53.94	55.29	55.43	55.37	55.01	.....	.....	.....

Be-2--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	53.69	53.48	53.16	53.21	53.96	55.30	55.38	55.53	54.99	.....	.....	.....
22	53.74	53.48	53.52	53.20	54.02	55.85	55.34	55.64	54.96	.....	.....	.....
23	53.74	53.52	53.46	53.08	54.02	55.96	55.36	55.74	54.92	.....	.....	.....
24	53.76	53.57	53.38	53.14	53.98	56.06	55.42	55.79	54.91	.....	.....	.....
25	53.86	53.57	53.28	53.23	53.94	56.15	55.50	55.82	54.93	.....	.....	.....
26	.....	53.48	53.54	53.27	53.90	56.22	55.64	55.92	54.93	.....	.....	.....
27	.....	53.44	53.62	53.22	53.96	56.30	55.80	.....	54.91	h54.37	.....	.....
28	.....	53.36	53.41	53.24	54.00	56.35	55.83	55.97	54.86	54.30	.....	.....
29	.....	.....	53.46	53.37	54.06	h56.38	55.83	55.88	54.82	54.38	.....	.....
30	.....	.....	53.42	53.39	54.07	56.39	55.85	55.80	54.82	54.44	.....	h54.15
31	.....	.....	53.34	.....	54.09	.....	55.87	55.74	54.44	.....	.....	.....

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 feet above msl. Highest water level 50.12 below lsd, Apr. 29, 1949; lowest 67.07 below lsd, Sept. 14, 1954. Records available: 1949-55. Mar. 17, 60.47; Sept. 1, 64.60.

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 sand of Pleistocene age, diameter 8 inches, depth 42 feet. Land-surface datum is 129.7 feet above msl. Highest water level 23.06 below lsd, May 21, 1953; lowest 32.00 below lsd, Dec. 29-31, 1954. Records available: 1951-55. Recording gage removed Jan. 3. Jan. 1, 31.97; Jan. 2, 31.98; Jan. 3, 31.97; Jan. 19, 31.36; Mar. 20, 30.13.

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 64.66 below lsd, Feb. 28, 1955. Records available: 1940, 1947-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	56.46	May 4	55.49	Aug. 25	57.66	Nov. 2	57.86
Feb. 23	64.66	June 2	55.18	Sept. 22	58.12	30	57.44
Mar. 23	56.00	July 7	54.98				

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, 1949-55.

Jan. 26	176.83	May 4	171.06	Aug. 25	176.63	Nov. 2	169.35
Feb. 23	169.03	June 2	172.48	Sept. 22	170.13	30	169.94
Mar. 23	169.85	July 7	174.34				

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: 1951-55.

Jan. 20	67.34	May 20	70.99	Oct. 5	79.75	Nov. 23	73.55
Mar. 17	63.64	June 28	81.80	26	77.20	Dec. 27	70.35

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, Mar. 1, 1950; lowest 65.34 below lsd, Oct. 2, 1952. Records available: 1950-55. Mar. 14, 58.45; Aug. 29, 64.37.

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. Measurement discontinued.

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: 1943-55.

Cu-22--Continued.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	64.75	62.11	59.80	.....	62.41	68.65	73.79	.....	74.57	73.02	70.90	66.70
2	64.85	62.19	59.97	.....	62.30	68.82	73.95	.....	74.57	73.03	70.87	66.55
3	64.87	62.30	60.04	.....	62.47	68.86	73.95	.....	74.57	72.97	71.07	66.44
4	64.90	62.10	60.11	.....	62.87	69.12	74.10	.....	74.57	72.72	70.82	66.44
5	64.90	61.82	60.18	.....	63.18	69.32	74.20	73.77	74.53	72.53	70.49	66.42
6	65.02	61.70	60.22	.....	63.42	69.63	74.42	73.87	74.50	72.66	70.14	66.22
7	65.00	61.66	60.10	.....	63.69	69.78	74.56	74.10	74.50	72.75	70.08	66.00
8	64.87	61.42	59.78	.....	64.02	69.99	74.63	74.17	74.43	72.79	70.00	66.10
9	64.62	61.27	59.68	.....	64.29	70.10	74.68	74.25	74.41	72.58	69.58	66.38
10	64.67	61.18	59.15	.....	64.63	70.28	74.62	74.32	74.31	72.38	69.20	66.23
11	64.61	61.42	59.30	.....	64.79	70.31	74.51	74.40	74.35	72.35	69.07	66.21
12	.....	61.52	59.71	h61.42	64.99	70.38	74.53	74.52	74.00	72.31	68.90	66.17
13	.....	61.43	59.78	61.44	65.05	70.47	74.62	74.45	73.50	72.42	68.82	66.19
14	.....	61.22	59.82	61.61	65.23	70.58	74.62	74.41	73.30	72.49	68.69	66.23
15	.....	61.10	60.02	61.63	65.38	70.64	74.62	74.36	72.90	72.37	68.41	66.33
16	.....	60.88	60.22	61.67	.....	70.82	.....	74.32	72.78	72.21	68.39	66.22
17	.....	60.71	60.32	61.75	.....	70.47	.....	74.21	73.00	72.27	68.40	65.90
18	.....	60.40	60.40	61.65	h66.81	70.42	.....	74.15	73.22	72.18	67.98	65.79
19	.....	60.10	60.62	61.44	66.89	70.82	.....	74.12	73.27	72.03	67.93	65.75
20	h63.64	60.11	60.65	61.47	66.70	.....	.....	74.08	73.21	71.83	67.87	65.56
21	63.38	h60.11	60.75	61.49	66.97	.....	74.03	74.13	73.13	71.78	67.64	65.45
22	63.28	59.96	61.47	61.46	67.19	.....	74.06	74.26	73.07	71.72	67.54	65.31
23	63.07	59.79	61.25	61.30	67.17	.....	74.02	74.38	73.03	71.59	67.48	65.20
24	62.82	59.69	61.20	61.64	67.27	.....	74.05	74.63	73.10	71.58	67.52	65.25
25	62.97	59.70	61.12	61.70	67.45	.....	74.01	74.78	73.20	71.54	67.28	65.25
26	62.66	59.62	.....	61.84	67.37	.....	73.86	.....	73.17	71.44	67.24	.....
27	62.57	59.71	.....	61.87	67.47	.....	73.93	.....	73.09	71.42	67.05	h65.29
28	62.51	59.70	.....	61.86	67.76	.....	73.85	.....	72.98	71.32	67.08	65.20
29	62.49	.....	.....	62.12	68.34	h73.18	73.80	74.36	72.87	71.48	67.02	65.14
30	62.31	.....	.....	62.34	68.40	73.42	73.87	74.48	72.99	71.40	66.98	65.22
31	62.20	.....	.....	.....	68.53	.....	73.80	74.58	.....	71.18	.....	65.35

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. Measurement discontinued.

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: 1943-55. Mar. 15, 19.42; Apr. 15, 18.42; Aug. 31, 19.60; Sept. 22, 20.42.

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 43.11 below lsd, Mar. 14, 1955. Records available: 1943-55. Mar. 14, 43.11; May 18, 35.17; Aug. 29, 39.36.

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 59.04 below lsd, Aug. 29, 1955. Records available: 1943-55. Mar. 14, 50.51; Aug. 29, 59.04.

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. Measurement discontinued.

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 23.70 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, 1952-55. Mar. 15, 54.18; Aug. 30, 66.60.

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 37.83 feet above msl. Highest water level 23.10 below lsd, May 26, 1947; lowest 46.48 below lsd, Sept. 14, 1954. Records available: 1946-55. Mar. 14, 39.41; Sept. 7, 45.32.

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. Measurement discontinued.

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. Measurement discontinued.

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 39.06 below lsd, Aug. 31, 1955. Records available: 1944-55. Mar. 16, 33.37; Aug. 31, 39.06.

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. Measurement discontinued.

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: 1945-55. Mar. 15, 18.67; Aug. 31, 17.67.

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. 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. Measurement discontinued.

Cu-440. U. S. Air Force Base. 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, 1947-55. Mar. 14, 36.47; Sept. 2, 43.30.

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 97.81 below lsd, Aug. 24, 1955. Records available: 1945-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	84.02	82.38	80.40	83.69	84.86	89.88	95.95	94.19	96.22	92.86	92.34	87.05
2	83.94	82.60	80.73	83.94	84.58	89.57	95.73	94.68	96.16	92.79	92.48	86.65
3	84.17	83.11	80.55	84.47	84.60	89.47	95.68	94.94	97.11	92.66	91.86	86.51
4	84.37	83.20	81.09	84.27	84.97	90.16	95.60	95.30	96.86	92.08	91.36	86.26
5	84.56	83.11	80.81	84.33	85.42	90.53	97.20	95.56	97.11	92.24	91.45	85.77
6	84.54	82.69	80.14	85.14	85.40	91.18	97.38	95.60	97.07	92.54	91.24	85.88
7	84.64	82.28	79.55	84.80	85.63	91.27	97.23	96.04	97.00	92.33	90.67	85.80
8	84.67	82.02	78.60	84.77	85.78	91.23	97.39	96.09	96.45	92.40	90.95	86.29
9	84.45	82.30	78.98	84.97	85.81	91.32	96.92	96.07	96.62	91.78	90.26	86.71
10	84.45	82.29	75.51	84.25	86.56	91.10	95.90	96.75	96.62	92.06	90.04	86.74
11	84.37	81.97	79.83	84.04	86.01	91.20	.....	97.06	96.32	92.05	90.26	86.97
12	84.47	82.70	80.06	84.72	86.98	91.18	95.68	97.15	96.44	91.88	89.98	86.85
13	84.57	82.81	80.10	84.03	86.50	91.40	95.93	96.13	92.73	92.05	89.85	87.65
14	83.76	82.17	80.32	84.17	86.97	91.83	96.20	96.01	92.49	92.24	90.01	88.18
15	84.15	81.50	81.69	84.17	87.02	91.89	96.14	95.86	91.24	92.39	89.87	88.11

Cu-445--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	83.81	81.06	81.44	84.45	86.77	91.92	95.55	96.02	90.89	91.72	89.73	87.58
17	84.07	80.21	81.35	84.52	87.35	89.18	95.46	.....	93.92	92.09	89.54	87.19
18	84.56	79.62	81.80	84.31	.....	90.07	95.01	95.41	94.79	91.79	88.72	86.80
19	84.75	78.89	81.78	83.79	.....	91.75	94.20	.....	94.97	91.65	88.39	87.33
20	84.56	79.35	82.23	83.89	h88.12	92.20	94.47	95.30	94.18	91.19	88.35	87.54
21	84.58	79.24	82.33	83.78	88.45	92.60	94.80	95.46	93.82	91.06	88.13	86.17
22	84.07	78.84	82.88	83.32	88.71	92.74	94.75	95.78	93.67	91.76	88.47	86.04
23	84.07	78.73	82.44	.....	88.79	92.71	94.58	96.34	93.96	91.70	88.17	86.06
24	83.57	78.81	82.87	.....	88.75	93.07	95.15	97.81	94.00	91.74	88.34	86.38
25	83.58	79.21	82.66	h84.28	88.07	93.28	95.30	97.22	94.19	91.85	87.79	85.89
26	83.49	79.41	83.28	84.71	.....	93.20	94.77	97.32	94.00	91.79	.....	86.33
27	83.54	79.67	83.23	84.68	h88.22	93.88	94.92	96.74	93.95	91.66	.....	86.43
28	83.18	79.75	82.95	84.44	88.95	94.38	94.52	96.37	93.68	92.01	h86.84	86.75
29	82.86		83.01	84.95	89.27	94.46	94.38	96.27	93.39	92.48	87.01	86.63
30	82.55		83.72	85.14	89.05	94.94	94.74	96.49	93.80	92.50	87.36	h86.31
31	82.50		83.45		89.66		94.11	96.31		91.42		86.82

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. Land-surface datum is 12.4 feet above msl. Highest water level 22.8 below lsd, Apr. 27, 1946; lowest 77.24 below lsd, July 24, 1954. Records available: 1945-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	65.16	63.12	61.01	62.12	63.20	69.50	74.51	74.57	75.04	73.85	.....	68.87
2	65.24	63.15	61.21	62.24	63.09	69.77	74.73	74.43	75.02	73.86	.....	68.59
3	65.25	63.13	.....	62.30	64.06	70.00	74.85	74.30	75.07	73.83	.....	68.49
4	65.27	62.97	.....	62.44	63.95	70.20	74.93	74.17	75.08	73.70	h72.21	68.47
5	65.26	62.68	61.22	62.57	64.15	70.43	75.01	74.30	75.04	73.49	.....	68.46
6	65.37	62.62	61.21	62.49	64.72	70.76	75.07	74.37	75.00	73.47	.....	68.28
7	h65.42	62.69	61.24	62.60	64.92	71.12	75.15	74.40	74.97	73.52	.....	68.05
8	65.27	62.64	61.13	62.65	65.73	71.40	75.13	74.45	74.95	73.57	.....	68.05
9	65.15	62.46	60.93	62.59	66.20	71.57	75.15	74.47	74.92	73.45	.....	68.26
10	64.97	62.50	61.17	62.46	66.52	71.76	75.18	74.47	74.82	73.28	.....	68.18
11	65.08	62.68	60.83	62.45	66.86	71.82	75.17	74.56	74.80	73.17	h71.03	68.13
12	65.00	63.38	60.83	62.35	67.05	71.88	75.23	74.60	74.73	73.14	.....	68.13
13	65.06	62.86	60.90	62.42	67.27	71.99	75.35	74.68	74.60	73.18	.....	68.05
14	64.96	62.60	61.09	62.68	67.44	72.07	75.37	74.73	74.40	73.28	.....	68.03
15	64.74	62.47	60.99	62.68	67.63	72.04	75.38	74.72	74.20	73.24	.....	68.17
16	64.57	62.83	61.09	62.61	67.72	72.07	75.37	74.74	74.00	73.17	.....	68.17
17	64.52	62.44	61.71	62.62	67.85	72.07	75.30	74.67	73.83	73.18	.....	67.98
18	64.27	62.08	61.66	62.60	67.79	71.88	75.25	74.59	73.86	73.14	h70.19	67.86
19	64.65	61.76	61.51	62.53	68.07	71.92	75.23	74.57	73.87	73.04	.....	67.93
20	64.49	61.61	62.15	62.43	67.88	72.02	75.15	74.49	73.92	72.91	.....	67.85
21	64.23	61.53	62.10	63.11	68.02	72.21	75.08	74.47	73.93	72.81	.....	67.73
22	64.18	61.42	62.11	62.90	68.22	72.38	75.06	74.52	73.91	72.73	.....	67.63
23	64.05	61.38	62.03	.....	68.23	72.62	74.98	74.59	73.83	72.67	69.64	67.52
24	63.91	61.16	61.90	.....	68.23	72.78	74.97	74.68	73.89	72.65	69.70	67.48
25	63.87	61.12	61.84	63.78	68.40	73.02	74.96	74.85	73.98	72.67	69.53	67.47
26	63.74	61.03	62.14	63.63	68.37	73.28	74.89	75.02	74.02	72.55	.....	67.42
27	63.57	61.10	62.25	63.05	68.45	73.52	74.83	75.08	73.97	72.45	.....	67.35
28	63.61	61.06		62.84	68.57	73.80	74.66	74.69	73.90	72.33	h69.28	67.28
29	63.50		62.13	62.89	68.92	74.08	74.65	74.87	73.85	.....	69.27	67.25
30	63.37		62.16	62.98	69.15	74.27	74.72	74.97	73.82	.....	69.14	67.30
31	63.29		62.17		69.28		74.69	75.03		.....		67.37

h Tape measurement.

Cu-451. Stanlind 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 22.26 feet above msl. Highest water level 25.08 below lsd, May 22, 1947; lowest 68.44 below lsd, Sept. 19, 1951. Records available: 1946-55. Jan. 24, 48.14; Mar. 16, 45.04; Apr. 13, 44.22; Aug. 30, 63.71.

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: 1948-55. Mar. 14, 43.55; Aug. 29, 48.37.

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: 1950-55. Mar. 17, 39.67; Apr. 13, 38.99; Sept. 1, 48.63.

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. Land-surface datum is 41.6 feet above msl. Highest water level 32.21 below lsd, Apr. 1, 1954; lowest 38.75 below lsd, Sept. 14, 1954. Records available: 1954-55. Mar. 15, 34.44; Aug. 31, 36.79.

Cu-572. Stein and Kinney. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 9 S., R. 13 W. Drilled irrigation artesian well in sand of Pleistocene age, depth 515 feet. Land-surface datum is 32.0 feet above msl. Highest water level 25.83 below lsd, Apr. 1, 1954; lowest 36.59 below lsd, Aug. 31, 1955. Records available: 1951-52, 1954-55. Apr. 1, 1954, 25.83; May 27, 32.33; Dec. 13, 30.95; Mar. 17, 1955, 28.64; Aug. 31, 36.59.

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. Land-surface datum is 8.48 feet above msl. Highest water level 60.55 below lsd, Dec. 29, 1955; lowest 70.00 below lsd, Sept. 15, 1954. Records available: 1954-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	66.10	66.37	65.50	.....	64.85	63.88	64.05	64.13	.....	62.52	62.30	.....
2	66.25	66.40	65.60	.....	64.75	64.02	63.98	64.03	.....	62.58	62.30	.....
3	66.35	66.40	65.53	.....	64.68	64.03	63.85	63.85	.....	62.50	62.70	.....
4	66.40	66.16	65.47	.....	64.75	63.90	64.05	63.69	.....	62.45	62.61	.....
5	66.38	65.74	65.50	.....	64.77	63.84	64.03	63.80	.....	62.30	62.44	.....
6	66.57	65.65	65.50	.....	64.76	63.77	64.01	63.93	.....	62.19	62.32	.....
7	66.68	65.72	65.64	.....	64.71	63.83	64.00	63.87	.....	62.25	62.45	.....
8	66.53	65.58	65.44	.....	64.70	63.88	63.95	.....	63.09	62.47	62.53	.....
9	66.35	65.54	65.32	.....	64.65	63.90	63.92	63.92	63.06	62.25	62.44	.....
10	66.35	65.57	65.26	.....	64.68	63.82	64.02	63.87	62.96	62.10	62.24	.....
11	66.50	66.18	65.25	.....	64.71	63.83	64.08	63.85	62.97	62.04	62.16	.....
12	66.35	66.43	65.29	.....	64.55	63.85	64.12	63.80	62.93	62.00	62.15	.....
13	.....	66.43	65.32	64.45	64.39	63.85	64.10	63.84	62.91	62.02	62.20	.....
14	.....	66.15	65.29	64.73	64.29	63.85	63.97	63.83	62.93	62.17	62.19	.....
15	.....	66.18	65.25	64.77	.....	63.87	63.92	63.93	62.93	62.02	62.08	.....
16	.....	66.02	65.15	64.72	.....	63.87	63.96	63.94	62.88	61.89	62.17	.....
17	.....	65.97	65.34	64.70	h64.07	63.91	63.90	63.91	62.78	62.12	62.35	.....
18	.....	65.90	65.21	64.64	63.95	63.84	63.93	63.86	62.70	62.05	62.07	.....
19	.....	65.75	65.20	64.46	63.75	.....	63.96	63.87	62.59	61.86	61.92	.....
20	h66.67	65.80	65.04	64.46	.....	.....	63.98	63.92	62.61	61.77	62.05	.....
21	66.45	65.89	64.80	64.54	.....	.....	64.05	63.88	62.61	61.76	61.85	.....
22	66.53	65.82	65.40	64.52	63.47	.....	64.00	63.93	62.60	62.08	61.76	.....
23	66.50	65.71	65.16	64.18	63.30	.....	64.05	63.95	62.60	62.23	61.70	.....
24	66.37	65.70	65.12	64.44	63.32	.....	64.02	63.92	62.61	62.34	61.90	.....
25	66.50	65.67	64.86	64.55	63.62	.....	64.01	63.88	62.64	62.55	61.58	.....
26	66.49	65.55	.....	64.53	63.58	.....	64.00	.....	62.64	62.46	61.72	.....
27	66.37	65.58	.....	64.43	63.45	.....	64.03	.....	62.58	62.40	61.45	60.75
28	66.45	65.54	.....	64.47	63.56	h63.97	63.97	.....	62.54	62.32	61.50	60.60
29	66.60	.....	.....	64.64	63.87	63.97	64.01	.....	62.53	62.60	.....	60.55
30	66.53	.....	.....	64.75	64.04	63.99	64.08	.....	62.49	62.65	.....	60.64
31	66.53	.....	.....	.....	63.97	.....	64.20	.....	.....	62.49	.....	60.75

h Tape measurement.

Cu-640. 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 12 inches, depth 200 feet, screen 140-200. Land-surface datum is 20.64 feet above msl. Highest water level 39.34 below lsd, Mar. 29, 1955; lowest 48.89 below lsd, July 28, 1955. Records available: 1955. Feb. 23, 40.45; Mar. 29, 39.34; Apr. 26, 39.90; July 28, 48.89; Sept. 2, 48.15.

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. Measurement discontinued.

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 3.77 feet above msl. Highest water level 0.4 above lsd, Apr. 11, 1944; lowest 35.76 below lsd, Sept. 14, 1954. Records available: 1943-55. Mar. 15, 26.21; Aug. 31, 30.94.

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: 1945-55. Mar. 15, 19.86; Aug. 31, 19.68.

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: 1946-55. Mar. 15, 19.14; Aug. 31, 22.35.

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: 1945-55. Mar. 16, 12.41; Sept. 1, 12.45.

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: 1946-55. Mar. 16, 12.75; Sept. 1, 14.96.

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 12.13 below lsd, Mar. 16, 1955. Records available: 1946-55. Mar. 16, 12.13; Sept. 1, 11.55.

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 3.82 feet above msl. Highest water level 0.21 below lsd, Mar. 18, 1949; lowest 9.03 below lsd, Sept. 1, 1955. Records available: 1949-55. Mar. 16, 7.31; Sept. 1, 9.03.

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: 1949-55. Mar. 15, 32.20; Apr. 13, 31.26; Aug. 31, 44.34.

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: 1948-55. Mar. 16, 16.07; Sept. 1, 17.27.

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: 1950-55. Mar. 16, 6.54; Sept. 1, 5.15.

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. Land-surface datum is 7.2 feet above msl. Highest water level 18.48 below lsd, Mar. 18, 1954; lowest 30.38 below lsd, Sept. 14, 1954. Records available: 1954-55. Mar. 16, 21.41; Aug. 31, 25.94.

De Soto Parish

DS-177. Howard Dennison. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 13 N., R. 15 W. Drilled unused artesian well in sand of Naborton formation (of Murray, 1941) of Paleocene age, diameter 4 inches, depth 350 feet, perforated pipe 290-350. Highest water level 40.81 below lsd, Aug. 3, 1955; lowest 42.31 below lsd, May 1, 1955. Records available: 1955.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	42.14	41.51	41.41	41.23	.....	41.15	41.10	.....
2	42.12	41.59	41.47	41.25	.....	41.19	41.10	.....
3	42.06	41.56	41.66	40.90	.....	41.19	41.20	41.10
4	42.19	41.46	41.58	40.82	.....	41.17	41.22	41.18
5	42.09	41.36	41.51	40.85	.....	41.16	41.21	41.29

DS-177--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	42.07	41.34	41.46	40.90	.....	41.18	41.10	41.24
7	42.09	41.42	41.42	41.07	.....	41.12	41.14	41.00
8	41.93	41.40	41.66	40.92	.....	41.13	41.19	41.09
9	42.00	41.33	41.55	40.95	.....	41.13	41.40	41.24
10	h41.67	.....	42.05	41.35	41.51	41.00	.....	41.12	41.11	41.19
11	42.04	41.35	41.56	41.00	.....	.....	41.05	41.10
12	42.00	41.33	41.49	41.00	.....	41.10	41.23	41.15
13	42.02	41.35	41.86	41.10	.....	41.10	41.36	41.08
14	42.02	41.33	41.52	41.06	.....	41.13	41.36	41.06
15	41.95	41.33	41.53	41.12	.....	41.11	41.23	41.17
16	41.48	41.93	41.38	41.47	.....	41.18	41.12	41.27	41.08
17	41.50	42.07	41.35	41.45	.....	41.23	41.07	.....	40.99
18	41.58	41.97	41.43	41.40	.....	41.20	41.16	.....	41.17
19	41.51	41.97	41.50	.....	.....	41.25	.....	.....	41.17
20	41.77	41.43	.....	.....	41.80	.....	.....	41.28
21	41.80	41.44	41.28	.....	41.40	.....	.....	41.10
22	41.75	41.84	41.42	41.25	.....	41.30	41.21	.....	41.01
23	41.30	41.75	41.40	41.18	.....	41.30	41.20	.....	41.92
24	41.73	41.67	41.39	41.20	.....	41.23	41.19	.....	41.02
25	41.85	41.60	41.36	41.23	.....	41.22	41.22	.....	41.01
26	41.85	41.55	41.32	41.25	.....	41.25	41.18	.....	41.10
27	41.80	41.59	41.36	41.29	.....	41.23	41.12	.....	41.05
28	41.89	41.54	41.40	41.28	.....	41.17	41.09	.....	41.12
29	h41.30	41.95	41.53	41.60	41.29	.....	41.13	41.10	.....	41.17
30	42.08	41.53	41.44	41.28	.....	41.10	41.10	.....	41.20
31	41.66	.....	41.25	.....	.....	41.10	.....	41.22

h Tape measurement.

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: 1940-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	174.37	.....	.....	.....	.....	.....	205.77	205.68	207.18	205.73	200.22	185.40
2	174.16	.....	.....	.....	.....	.....	205.91	205.03	206.78	205.69	200.84	186.22
3	174.05	.....	.....	.....	.....	.....	205.84	204.38	206.67	205.82	200.93	185.68
4	174.67	.....	.....	.....	.....	.....	205.67	204.26	206.25	205.78	199.92	185.61
5	175.17	.....	.....	.....	.....	.....	.....	205.22	205.09	205.85	206.76	198.70
6	174.93	.....	.....	.....	.....	h182.86	205.77	205.67	205.50	207.40	197.28	185.30
7	174.28	.....	.....	.....	.....	186.40	205.77	204.28	205.42	207.93	196.72	185.46
8	173.91	.....	.....	.....	.....	h187.86	205.65	204.56	205.35	208.06	196.75	185.15
9	173.96	.....	.....	.....	.....	h187.97	205.82	204.93	205.95	207.28	h195.89	184.97
10	174.23	.....	.....	.....	.....	188.67	206.05	204.88	205.23	207.18	195.60	185.17
11	174.54	.....	.....	.....	.....	188.66	205.90	205.32	205.10	208.05	195.10	185.30
12	175.25	.....	.....	.....	.....	189.86	205.62	205.62	204.93	210.46	195.32	185.30
13	172.43	.....	.....	.....	.....	190.42	205.60	204.83	205.08	210.34	195.50	185.42
14	171.64	.....	.....	.....	.....	191.05	205.59	204.53	205.06	211.62	195.28	185.44
15	171.00	.....	.....	.....	.....	192.63	205.67	204.42	204.93	211.78	194.89	185.17
16	170.28	h171.12	.....	.....	.....	193.88	205.19	204.61	204.83	210.89	194.41	184.89
17	170.18	.....	.....	.....	.....	194.58	204.33	205.43	204.49	210.46	194.73	184.82
18	.....	.....	.....	.....	.....	196.08	203.70	205.94	204.15	210.48	194.99	184.50
19	.....	.....	.....	.....	.....	197.18	204.33	216.37	204.00	210.24	193.21	184.67
20	.....	.....	.....	h169.74	.....	197.89	204.83	206.66	204.82	210.05	192.57	185.16
21	.....	.....	.....	175.19	.....	198.58	205.43	207.04	204.61	210.02	192.66	185.22
22	.....	.....	.....	170.26	.....	199.49	205.90	207.36	204.68	209.43	192.04	184.96
23	.....	.....	.....	168.75	.....	199.91	205.51	207.48	204.96	209.29	191.37	184.31
24	.....	.....	.....	168.08	.....	200.63	204.88	207.24	205.07	209.40	191.32	183.77
25	.....	.....	.....	167.82	h182.30	201.35	204.92	207.00	205.17	209.40	185.15	183.20
26	.....	.....	.....	167.71	183.07	202.25	205.28	206.43	205.37	208.16	186.85	182.72
27	.....	.....	.....	167.30	183.15	202.75	205.14	205.96	205.49	206.05	185.30	182.50
28	.....	.....	.....	172.45	187.50	203.05	205.50	205.75	205.34	206.51	184.92	182.07
29	.....	.....	171.62	h166.5	.....	203.74	206.08	205.89	205.35	203.80	185.06	182.00
30	.....	.....	171.99	.....	.....	204.74	206.85	206.52	205.58	202.24	185.07	182.22
31	.....	.....	.....	.....	.....	.....	206.01	206.96	.....	201.47	.....	181.89

e Estimated.

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 179.17 below lsd, Apr. 21, 1955; lowest 246.20 below lsd, Oct. 8, 1953. Records available: 1953-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	207.53	202.92	.....	.....	.....	228.14	221.35	226.50	219.85	209.76	195.80
2	.....	207.90	203.65	.....	.....	.....	229.02	218.17	225.93	219.65	211.45	196.57
3	.....	207.70	204.45	.....	.....	.....	228.28	216.83	226.06	219.10	211.13	196.37
4	.....	206.30	204.02	.....	.....	.....	227.31	220.15	224.80	219.01	209.79	196.07
5	.....	205.72	203.68	.....	.....	.....	227.92	221.92	223.97	218.76	208.89	196.08
6	h197.59	207.08	203.72	.....	.....	.....	228.01	222.22	223.43	219.40	207.35	196.15
7	196.46	207.76	203.20	.....	.....	.....	228.03	223.70	224.93	219.74	206.53	196.19
8	196.23	206.24	203.03	.....	.....	.....	228.36	225.09	225.05	220.94	205.87	195.91
9	195.42	.....	202.72	.....	.....	.....	227.85	225.45	225.30	221.27	204.49	195.21
10	195.12	.....	202.25	.....	.....	.....	227.18	226.41	225.75	220.85	203.14	198.27
11	195.00	.....	.....	.....	.....	.....	228.83	226.61	223.65	221.25	202.57	198.56
12	194.50	.....	.....	.....	.....	.....	228.83	226.24	222.55	220.95	203.90	198.75
13	195.54	.....	.....	.....	.....	.....	229.47	229.42	222.74	219.77	204.37	199.10
14	196.84	.....	.....	.....	.....	.....	227.67	229.40	222.45	222.64	203.72	199.21
15	197.80	.....	.....	.....	.....	h221.76	.....	229.55	222.30	223.24	202.40	196.93
16	198.81	h193.05	.....	.....	.....	221.15	.....	229.16	222.16	222.34	201.74	196.00
17	200.32	195.00	.....	.....	.....	225.50	.....	227.10	221.94	221.90	201.37	196.48
18	198.75	196.87	.....	.....	.....	226.43	.....	225.97	221.60	222.06	200.82	195.86
19	198.34	197.57	.....	.....	.....	227.25	.....	225.77	222.41	222.08	199.83	196.36
20	197.98	197.76	.....	h179.20	.....	228.52	.....	224.60	222.83	222.18	200.20	197.59
21	197.40	197.47	.....	179.17	.....	228.68	.....	223.84	223.02	221.95	201.48	197.48
22	196.76	199.28	.....	181.66	.....	229.60	.....	222.95	223.20	222.90	199.77	192.85
23	198.30	200.46	.....	180.80	.....	230.60	.....	223.33	220.90	221.86	199.20	190.19
24	199.77	200.57	.....	179.82	.....	229.75	.....	223.65	219.91	221.76	198.40	188.80
25	200.62	200.96	192.85	183.61	.....	229.83	219.42	223.90	219.43	221.79	197.16	187.27
26	204.55	201.40	193.15	184.86	.....	230.67	218.99	225.50	220.45	218.73	197.35	186.17
27	205.38	201.84	192.94	.....	.....	229.97	218.45	226.00	221.12	215.86	196.16	185.35
28	205.94	202.17	192.79	.....	.....	229.20	223.10	227.15	220.30	214.82	195.61	185.01
29	206.76	.....	.....	.....	.....	228.83	226.86	225.63	219.85	212.88	195.45	189.30
30	206.91	.....	.....	.....	.....	229.04	224.47	226.96	219.90	211.47	195.78	191.54
31	207.49	.....	.....	.....	.....	.....	223.15	226.77	.....	210.34	.....	188.00

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 80.29 below lsd, Oct. 12, 1955. Records available: 1943-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25	42.56	May 25	55.44	Aug. 12	72.61	Oct. 12	80.29
Mar. 30	39.65	June 7	58.44	Sept. 13	76.66	Nov. 23	70.25
Apr. 21	45.08	July 8	71.21				

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 6 to 8 inches, depth 1, 402 feet, screen 1, 321-1, 402. Highest water level 0.84 below lsd, Mar. 28, 1949; lowest 39.33 below lsd, Oct. 14, 1955. Records available: 1948-55.

Feb. 25	31.84	May 25	33.04	Aug. 8	34.81	Nov. 23	38.12
Mar. 30	32.59	June 7	33.69	Sept. 13	35.45	Dec. 13	35.27
Apr. 22	27.91	July 6	34.35	Oct. 14	39.33		

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 127.16 below lsd, Oct. 25-27, 1955. Records available: 1940-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	109.03	105.95	104.94	105.81	105.83	109.47	113.87	120.89	123.93	125.50	.....	119.37
2	109.29	105.92	104.98	105.85	105.69	109.53	114.16	121.03	123.98	125.59	.....	118.93
3	109.22	105.89	104.93	105.89	105.62	109.51	114.64	121.20	124.02	125.70	.....	118.65
4	108.96	105.82	104.88	105.92	105.58	109.44	114.95	121.41	124.11	125.77	.....	118.42
5	108.83	105.52	104.86	106.05	105.57	109.38	115.27	121.58	124.16	125.86	.....	118.25

EB-128--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	108.75	105.36	194.82	106.17	105.59	109.37	115.66	121.77	124.21	125.99	.....	118.03
7	108.68	105.27	104.81	106.24	105.63	109.35	115.96	121.87	124.31	126.04	.....	117.75
8	108.54	105.18	104.83	106.44	105.68	109.38	116.34	121.93	124.38	126.20	.....	117.58
9	108.39	105.10	104.80	106.50	105.74	109.45	116.54	122.14	124.43	126.33	.....	117.47
10	108.20	105.00	104.80	106.40	105.83	109.47	116.84	122.22	124.45	126.46	.....	117.34
11	108.18	104.95	104.80	106.54	105.93	109.65	117.00	122.33	124.46	126.55	.....	117.16
12	108.08	104.99	104.84	106.64	106.09	109.85	117.21	122.36	124.50	126.61	.....	116.94
13	108.06	104.81	104.85	106.77	106.28	110.01	117.40	122.47	124.67	126.67	.....	116.27
14	107.96	.....	104.82	107.05	106.51	110.18	117.58	122.60	124.68	126.75	.....	116.57
15	107.83	.....	104.85	107.25	106.72	110.35	117.72	122.70	124.68	126.82	123.20	116.42
16	107.58	.....	104.98	107.33	106.91	110.55	117.88	122.77	124.68	126.83	.....	116.28
17	107.53	.....	105.11	107.33	107.15	110.75	118.03	122.87	124.68	126.85	.....	116.10
18	107.22	104.01	105.32	107.33	107.47	110.93	118.15	122.95	124.67	126.87	.....	115.99
19	107.31	103.98	105.35	107.33	107.71	111.08	118.28	123.05	124.63	126.94	.....	115.99
20	107.21	104.01	105.52	107.33	107.80	111.20	118.44	123.15	124.64	126.96	.....	115.98
21	107.02	103.99	105.50	107.33	108.03	111.35	118.61	123.24	124.70	126.98	.....	115.98
22	106.93	104.05	105.87	107.28	108.26	111.50	118.85	123.30	124.82	126.99	121.56	115.42
23	106.77	104.15	106.05	107.12	108.42	111.66	119.07	123.37	124.88	127.08	121.87	115.25
24	106.64	104.37	106.14	106.99	108.59	111.86	119.33	123.46	124.97	127.12	121.23	115.69
25	106.59	104.61	106.20	106.85	108.75	112.10	119.55	123.55	125.04	127.16	120.92	115.60
26	106.46	104.81	106.22	106.67	108.91	112.36	119.79	123.65	125.05	127.16	120.75	115.42
27	106.38	104.94	106.22	106.35	109.07	112.64	119.98	123.62	125.06	127.16	120.48	115.25
28	106.34	104.94	106.12	106.15	109.20	112.97	120.17	123.70	125.13	127.05	120.38	115.22
29	106.30	.....	105.99	106.07	109.27	113.28	120.38	123.73	125.14	127.02	120.12	114.95
30	106.24	.....	105.88	105.93	109.33	113.56	120.57	123.80	125.35	.....	119.81	114.79
31	106.12	.....	105.82	.....	109.38	.....	120.75	123.88	.....	.....	.....	114.69

h Tape measurement.

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, 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25	11.83	May 25	13.14	Aug. 8	17.00	Nov. 10	19.80
Mar. 25	14.39	June 7	11.02	Sept. 12	19.00	Dec. 13	18.61
Apr. 22	.08	July 8	15.17	Oct. 10	19.64		

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: 1944-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	149.25	.....	153.10	173.22	166.97	181.45	208.60	205.86	214.23	210.82	184.99	170.26
2	142.90	.....	152.13	173.73	167.53	185.88	206.57	205.97	213.57	211.31	185.20	172.07
3	148.50	.....	151.75	172.99	170.43	187.00	207.10	206.55	213.35	211.45	184.31	168.47
4	146.60	.....	160.40	172.60	171.91	187.98	207.42	205.58	213.10	211.62	177.10	166.89
5	148.53	.....	165.70	171.81	172.72	187.67	196.45	201.00	213.15	209.49	176.93	167.85
6	148.82	.....	169.55	172.06	173.20	187.80	205.59	195.04	211.30	209.73	176.00	164.62
7	.....	.....	169.82	183.10	174.05	188.75	206.31	192.20	209.95	210.08	181.72	169.22
8	.....	.....	169.30	178.10	175.42	189.75	197.50	195.25	211.00	208.95	177.87	164.89
9	.....	.....	171.12	168.20	176.41	190.97	204.17	199.03	212.54	208.64	175.06	164.17
10	.....	.....	172.50	164.71	169.47	192.75	204.54	198.56	211.60	211.25	177.52	170.08
11	.....	.....	173.33	162.50	177.00	192.72	206.73	198.36	209.88	212.17	174.20	164.53
12	.....	.....	173.91	161.32	179.54	193.37	206.85	198.17	208.97	211.85	178.41	172.14
13	.....	.....	173.77	160.98	181.17	194.55	206.94	198.20	209.37	210.55	174.20	167.43
14	.....	.....	174.04	160.48	182.07	196.07	206.83	197.80	209.24	209.77	170.85	172.67
15	.....	.....	174.33	163.27	181.89	196.83	206.82	197.38	209.30	209.70	171.45	167.18
16	.....	.....	173.86	162.44	182.15	198.07	206.85	196.06	204.57	209.44	169.03	169.85
17	.....	.....	153.75	173.85	175.72	182.52	198.62	205.98	194.77	205.70	170.11	172.35
18	.....	.....	157.78	173.72	169.80	182.93	198.38	205.52	194.14	207.65	167.70	166.54
19	.....	.....	154.93	171.25	164.13	184.66	198.78	202.70	194.28	208.16	166.33	169.25
20	.....	.....	155.38	171.57	172.65	184.91	199.60	202.28	194.08	206.34	166.95	170.55
21	.....	.....	156.18	171.46	.....	187.42	199.28	203.51	193.68	197.35	207.08	173.90
22	.....	.....	153.72	171.38	.....	188.33	199.65	203.85	193.25	203.28	207.20	175.19
23	.....	.....	155.62	171.66	.....	188.46	200.89	203.20	198.33	201.49	207.42	167.85
24	.....	.....	154.39	171.30	.....	188.72	203.75	203.49	198.10	203.43	210.04	165.62
25	.....	.....	154.65	171.10	.....	189.02	205.23	203.75	200.50	202.43	207.00	165.18

EB-293--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	153.06	171.50	.....	189.10	206.79	206.30	198.57	202.15	196.75	164.27	166.83
27	153.21	171.05	.....	189.04	206.22	206.56	207.62	204.37	196.53	164.35	170.51
28	152.40	171.20	.....	188.68	206.64	206.55	212.24	208.66	190.46	165.50	165.77
29		173.50	165.88	188.59	207.54	206.13	213.84	209.75	192.15	165.75	161.90
30		173.73	166.77	188.54	208.42	207.93	212.21	210.22	187.25	165.60	164.89
31		173.46	.....	188.91	.....	208.17	213.78	.....	182.09	.....	164.30

h Tape measurement.

EB-295. Wood River Oil & Refining Co. S₂W₂ sec. 50, T. 6 S., R. 1 W. Drilled unused 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 76.21 below lsd, Oct. 5, 1955. Records available: 1952-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	64.36	67.87	69.19	67.10	.....	.....	72.65	72.92	73.69	75.94	74.32	72.80
2	64.50	68.13	69.13	65.86	.....	.....	73.17	72.86	73.70	76.03	74.25	73.07
3	64.65	68.32	69.05	65.10	.....	.....	73.67	72.74	73.76	76.11	74.12	73.17
4	64.73	68.55	68.97	64.47	.....	.....	74.16	72.80	73.70	76.19	74.04	73.38
5	64.73	68.07	68.96	64.17	.....	.....	74.42	72.97	73.70	76.21	73.91	73.46
6	64.74	68.15	69.06	64.25	.....	h71.24	74.53	72.97	73.66	76.12	73.73	73.42
7	64.63	68.38	69.07	65.31	.....	71.14	74.72	72.97	73.39	76.12	73.64	73.59
8	64.64	68.60	69.13	65.85	.....	71.10	74.70	72.37	73.16	76.16	73.53	73.96
9	64.69	68.52	69.16	65.98	.....	71.13	74.85	72.90	73.20	76.12	73.36	74.00
10	64.76	68.36	69.11	65.84	.....	71.20	75.12	72.93	73.26	76.15	73.27	74.01
11	64.87	68.45	69.14	65.85	.....	71.80	75.17	72.96	73.37	75.98	73.39	73.90
12	64.87	68.71	69.16	66.03	.....	71.67	75.15	73.06	73.57	75.85	73.47	.....
13	64.89	68.89	69.20	66.53	.....	71.55	74.83	73.10	73.69	75.77	73.41	73.81
14	64.94	68.93	69.25	67.02	.....	71.53	74.71	73.19	73.88	75.63	73.35	73.76
15	64.95	68.93	69.20	67.47	.....	71.53	74.56	73.27	74.10	75.70	73.31	73.73
16	64.69	68.91	69.04	.....	.....	71.52	74.54	73.46	74.32	75.68	73.30	73.90
17	64.74	68.90	68.79	.....	.....	71.45	74.70	73.48	74.61	75.65	73.29	74.20
18	64.63	68.92	68.67	.....	.....	71.69	74.77	73.43	74.86	75.71	73.21	74.63
19	64.98	68.88	68.27	.....	.....	71.72	74.85	73.41	74.95	75.78	73.26	74.76
20	65.11	69.00	68.97	h68.52	.....	71.75	74.78	73.34	75.06	75.87	73.29	74.94
21	65.10	69.11	67.53	68.81	.....	71.75	74.60	73.38	75.18	75.87	73.24	75.09
22	65.40	69.10	67.39	68.93	.....	71.76	74.48	73.63	75.23	75.69	73.40	75.11
23	65.55	69.11	67.14	.....	.....	72.41	74.22	73.92	75.32	75.76	73.59	74.89
24	65.89	69.18	66.86	.....	.....	72.50	74.00	74.09	75.40	75.76	73.23	74.79
25	66.31	69.26	66.98	.....	.....	72.56	73.91	74.32	75.65	75.78	72.94	74.53
26	66.67	69.49	66.94	.....	.....	72.67	73.90	73.97	75.82	75.18	72.76	74.40
27	66.85	69.52	67.41	.....	.....	72.78	73.77	73.86	75.79	75.03	72.50	74.20
28	67.15	69.32	67.73	.....	.....	72.90	73.25	73.64	75.70	74.90	72.63	74.12
29	67.33	.....	68.01	.....	.....	72.98	73.20	73.51	75.71	74.82	72.84	74.32
30	67.62	.....	68.12	.....	.....	72.82	73.18	73.53	75.96	74.64	72.99	74.56
31	67.80	.....	67.93	.....	.....	.....	72.89	73.63	.....	74.51	.....	74.54

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 33.18 below lsd, Oct. 14, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25	28.58	June 7	29.40	Sept. 13	32.23	Nov. 13	32.18
Mar. 30	29.19	July 6	30.97	Oct. 14	33.18	Dec. 13	31.98
May 25	29.18	Aug. 8	31.42				

EB-301. H. B. Whitter. W₂ sec. 91, T. 7 S., R. 1 E. Drilled unused artesian well in sand of Pleistocene age, diameter 4 to 2½ inches, depth 1,281 feet. Highest water level 17.00 above lsd, Feb. 23, 1943; lowest 32.13 below lsd, Oct. 14, 1955. Records available: 1943-49, 1953-55.

Date	Water level	May 25	29.31	Aug. 8	30.73	Nov. 13	31.47
Feb. 25	27.84	June 7	29.75	Sept. 13	31.28	Dec. 13	30.96
Mar. 30	28.27	July 6	30.40	Oct. 14	32.13		
Apr. 22	27.77						

EB-304. Greenwell Springs Sanitarium. E₂E₂ 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 34.00 above lsd, Nov. 23, 1955. Records available: 1943-46, 1949-51, 1954-55.

EB-304--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25	+49.34	May 24	+48.03	Aug. 8	+47.36	Nov. 23	+34.00
Mar. 29	+49.58	June 10	+47.31	Sept. 13	+42.92	Dec. 21	+35.30
Apr. 22	+51.88	July 8	+46.06	Oct. 12	+35.30		

EB-315. Baton Rouge Waterworks Co. Center 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 20.72 below lsd, Apr. 1, 1955; lowest 50.19 below lsd, Oct. 19, 1955. Records available: 1943-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24.19	24.28	25.37	20.72	23.05	.....	.....	42.22	45.56	.....	.....	41.46
2	24.38	24.28	25.26	.....	22.85	.....	.....	42.27	45.54	.....	.....	41.29
3	24.42	24.28	25.14	.....	22.95	.....	.....	42.36	45.55	.....	.....	41.04
4	24.23	24.29	24.92	.....	23.17	.....	.....	42.43	45.57	.....	.....	40.74
5	24.00	24.29	24.65	.....	23.53	.....	.....	42.52	45.46	.....	.....	40.56
6	24.12	24.35	24.49	.....	23.93	h29.92	.....	42.73	45.14	.....	.....	40.30
7	24.14	.....	24.32	.....	24.40	.....	.....	42.87	44.96	.....	.....	40.04
8	24.15	.....	24.19	.....	24.86	.....	.....	42.93	44.97	.....	.....	39.99
9	24.15	.....	24.02	.....	25.20	h31.54	.....	43.01	45.12	.....	.....	39.96
10	24.15	.....	23.92	.....	25.60	31.61	.....	43.03	45.25	h49.44	h44.75	39.86
11	24.16	.....	23.88	.....	.....	32.06	h40.59	43.08	45.50	49.32	44.71	39.78
12	24.17	.....	23.88	.....	.....	32.74	.....	42.96	45.71	.....	44.62	39.63
13	24.17	.....	23.92	.....	.....	33.40	.....	42.98	49.94	.....	44.45	39.52
14	24.18	.....	23.88	.....	.....	33.95	.....	43.24	46.02	h49.20	.....	39.52
15	24.18	.....	23.84	.....	.....	34.44	.....	43.36	46.19	49.20	.....	39.84
16	24.18	h26.34	23.86	.....	.....	34.70	.....	43.39	46.48	49.54	.....	40.32
17	24.19	26.32	23.84	.....	.....	.....	.....	43.51	46.68	49.98	.....	40.58
18	24.19	26.32	23.84	.....	.....	.....	.....	43.74	46.83	50.16	.....	40.76
19	24.21	26.21	23.84	.....	.....	.....	.....	43.97	47.00	50.19	.....	40.81
20	24.21	26.24	23.80	h22.97	.....	.....	.....	44.19	47.26	49.90	.....	40.64
21	24.22	26.07	.....	23.09	.....	.....	.....	44.44	47.51	.....	.....	40.42
22	24.22	25.90	.....	23.31	.....	.....	.....	44.58	47.72	.....	.....	40.46
23	24.22	25.78	.....	23.38	.....	.....	.....	44.69	47.94	.....	.....	40.48
24	24.22	25.72	.....	23.64	.....	.....	.....	44.91	48.14	.....	.....	40.38
25	24.23	25.70	.....	23.79	.....	.....	h41.40	45.12	.....	.....	.....	40.24
26	24.24	25.87	.....	23.70	.....	.....	41.52	45.34	.....	.....	.....	40.00
27	24.25	25.66	.....	23.54	.....	.....	41.64	45.43	.....	.....	.....	39.66
28	24.26	25.52	.....	23.50	.....	.....	41.68	45.54	.....	.....	41.72	39.39
29	24.26	.....	h21.03	23.37	.....	.....	41.80	45.50	.....	.....	41.58	39.26
30	24.26	.....	20.88	23.21	.....	.....	41.94	45.49	.....	.....	41.46	39.13
31	24.26	.....	20.77	.....	.....	.....	42.14	45.52	.....	.....	.....	39.03

h Tape measurement.

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 2 inches, depth 2,430 feet, screen 2,342-2,430. Highest water level 64.7 above lsd, May 13, 1948; lowest 41.58 above lsd, Dec. 21, 1955. Records available: 1948-51, 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 18	+53.13	May 25	+55.42	Aug. 12	+51.93	Nov. 10	+43.81
Mar. 29	+53.13	June 10	+51.97	Sept. 13	+50.82	Dec. 21	+41.58
Apr. 21	+55.44	July 8	+53.13	Oct. 10	+45.97		

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 50.31 below lsd, Oct. 10, 1955. Records available: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 18	44.75	May 25	46.89	Aug. 12	48.58	Nov. 10	50.11
Mar. 29	41.45	June 10	47.07	Sept. 13	49.13	Dec. 21	50.07
Apr. 21	44.96	July 8	48.22	Oct. 10	50.31		

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 14.84 below lsd, Oct. 12, 1955. Records available: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25	14.00	May 25	13.58	Sept. 13	14.56	Nov. 23	14.12
Mar. 29	13.83	June 10	13.77	Oct. 12	14.84	Dec. 21	14.78
Apr. 22	13.31	July 8	14.30				

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 11.06 below lsd, Feb. 25, 1955; lowest 31.56 below lsd, Oct. 14, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25	11.06	May 25	21.82	Aug. 12	27.69	Oct. 14	31.56
Mar. 30	19.47	June 7	24.36	Sept. 13	30.18	Nov. 23	31.51
Apr. 20	12.76	July 7	26.29				

EB-517. State Department 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 49.20 above lsd, Dec. 19, 1955. Records available: 1953-55.

Feb. 18	+57.75	May 25	+55.90	July 8	+56.59	Oct. 10	+51.28
Mar. 28	+57.75	June 16	+57.75	Sept. 12	+58.44	Dec. 19	+49.20
Apr. 20	+60.95						

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. Land-surface datum is 107.65 feet above msl. Highest water level 6.75 below lsd, Apr. 13, 1955; lowest 22.72 below lsd, Jan. 13, 1955. Records available: 1954-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	22.67	22.27	21.07	14.62	9.06	12.00	14.27	16.00	17.55	18.54	19.34	19.90
2	22.68	22.28	21.04	14.19	9.13	12.07	14.38	16.05	17.58	18.57	19.35	19.88
3	22.68	22.29	21.00	13.75	9.20	12.13	14.48	16.06	17.62	18.60	19.40	19.90
4	22.69	22.25	20.97	13.33	9.23	12.19	14.56	16.12	17.67	18.62	19.42	19.85
5	22.70	22.14	20.95	12.90	9.35	12.24	14.63	16.18	17.72	18.64	19.42	19.85
6	22.70	22.05	20.93	12.45	9.43	12.26	14.69	16.24	17.75	18.67	19.44	19.87
7	22.70	21.98	20.90	12.05	9.52	12.35	14.78	16.28	17.79	18.71	19.48	19.86
8	22.71	h21.96	20.87	11.54	9.68	12.44	14.87	16.32	17.83	18.75	19.50	19.91
9	22.71	21.89	20.85	10.98	9.81	12.49	14.92	16.37	17.87	18.78	19.50	19.94
10	22.71	21.88	20.82	10.34	9.95	12.55	15.11	16.44	17.90	18.80	19.52	19.95
11	22.71	21.86	20.79	9.88	10.03	12.63	15.18	16.48	17.95	18.81	19.55	19.97
12	22.71	21.84	20.76	9.46	10.13	12.75	15.25	16.53	18.00	18.83	19.58	19.98
13	22.72	21.82	20.74	6.75	10.22	12.91	15.34	16.59	18.04	18.87	19.60	20.03
14	22.71	21.80	20.70	6.94	10.37	13.00	15.39	16.65	18.04	18.90	19.61	20.05
15	22.68	21.78	20.67	7.05	10.53	13.09	15.40	16.69	18.07	18.93	19.64	20.07
16	22.66	21.77	20.65	7.14	10.67	13.16	15.34	16.74	18.10	18.95	19.68	20.07
17	22.64	21.76	20.60	7.29	10.87	13.26	15.37	16.79	18.14	18.98	19.71	20.08
18	22.53	21.74	20.54	7.40	11.08	13.34	15.40	16.85	18.18	19.02	19.71	20.10
19	22.47	21.73	20.47	7.51	11.30	13.40	15.42	16.90	18.20	19.07	19.75	20.14
20	22.40	21.71	20.39	7.66	11.39	13.45	15.43	16.95	18.23	19.10	19.77	20.14
21	22.37	21.50	20.20	7.80	11.58	13.52	15.44	17.00	18.25	19.13	19.77	20.15
22	22.35	21.43	20.02	7.86	11.73	13.57	15.46	17.05	18.29	19.15	19.78	20.15
23	22.32	21.37	17.78	7.91	11.83	13.61	15.50	17.10	18.31	19.16	19.82	20.16
24	22.30	21.30	17.48	8.21	11.50	13.75	15.55	17.14	18.35	19.20	19.84	20.17
25	22.30	21.24	17.18	8.42	11.47	13.83	15.62	17.20	18.38	19.21	19.82	20.20
26	22.29	21.19	17.05	8.44	11.53	13.90	15.67	17.25	18.39	19.23	19.85	20.21
27	22.28	21.15	16.74	8.53	.....	13.98	15.72	17.28	18.43	19.24	19.85	20.22
28	22.28	21.10	16.37	8.67	11.70	14.06	15.77	17.34	18.44	19.23	19.88	20.25
29	22.28		16.02	8.88	11.79	14.10	15.81	17.37	18.47	19.27	19.90	20.27
30	22.28		15.61	9.02	11.88	14.23	15.86	17.43	18.50	19.30	19.92	20.29
31	22.28		15.15	11.91			15.95	17.50		19.32		20.30

h Tape measurement.

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. Land-surface datum is 97.03 feet above msl. Highest water level 12.42 below lsd, Apr. 15, 1955; lowest 23.71 below lsd, Dec. 30, 1954. Records available: 1954-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	21.21	.....	15.16	13.02	14.29	.....	16.49	18.62	20.39	.....	.....
2	.....	21.28	.....	15.00	13.00	14.35	.....	16.57	18.67	20.43	.....	.....
3	h22.56	21.33	.....	14.78	13.02	14.39	.....	16.65	18.76	20.47	.....	.....
4	22.50	21.37	.....	14.55	12.98	14.39	.....	16.72	18.83	20.50	.....	.....
5	22.43	.....	.....	14.31	.....	14.34	.....	16.80	18.89	20.53	.....	.....

EC-26--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	22.37	.....	.....	14.09	.....	14.32	.....	16.87	18.97	20.57	.....	21.00
7	22.32	h21.33	.....	13.99	.....	14.35	.....	16.93	19.02	20.60	.....	21.01
8	22.26	21.33	.....	13.70	.....	14.36	.....	17.00	19.09	20.62	.....	21.09
9	22.19	21.33	18.84	13.55	.....	14.41	.....	17.11	19.15	20.61	.....	21.13
10	22.11	21.33	18.74	13.33	.....	14.36	.....	17.21	19.19	20.61	.....	.....
11	22.03	21.36	18.65	13.04	.....	14.44	.....	17.29	19.23	20.61	.....	.....
12	21.94	21.35	18.56	12.84	.....	14.59	.....	17.39	19.29	20.58	.....	.....
13	21.90	.....	18.45	12.47	.....	14.65	.....	17.49	19.32	20.52	.....	.....
14	21.81	.....	18.33	12.47	.....	14.71	.....	17.58	19.42	.....	.....	.....
15	21.72	.....	18.22	12.42	.....	14.77	.....	17.64	19.46	.....	.....	.....
16	21.64	.....	18.11	12.45	.....	14.81	.....	17.69	19.53	.....	.....	.....
17	21.57	.....	18.05	12.50	.....	14.84	.....	17.74	19.60	.....	21.22	.....
18	21.48	.....	17.43	12.54	.....	14.86	.....	17.78	19.65	.....	21.22	.....
19	21.41	.....	17.82	12.60	.....	14.84	.....	17.83	19.72	.....	21.26	.....
20	21.33	.....	17.69	12.67	.....	14.85	.....	17.88	19.76	.....	21.29	.....
21	21.26	.....	17.41	12.72	.....	14.87	15.79	17.93	19.84	.....	21.31	.....
22	21.22	.....	17.20	12.72	.....	14.85	15.84	17.98	19.90	.....	21.35	.....
23	21.18	.....	17.03	12.75	.....	14.88	15.91	18.03	19.96	.....	21.37	.....
24	21.16	.....	16.85	12.88	.....	14.97	15.96	18.09	20.04	.....	21.35	.....
25	21.12	.....	16.66	12.97	.....	14.96	16.06	18.15	20.10	.....	21.33	.....
26	21.07	.....	16.59	13.02	.....	15.09	16.13	18.23	20.15	.....	21.28	.....
27	21.07	.....	16.35	12.99	.....	15.19	16.17	18.29	20.20	.....	21.24	.....
28	21.07	.....	16.11	13.04	.....	15.28	16.22	18.35	20.23	.....	21.22	.....
29	21.10	.....	15.90	13.05	.....	15.33	16.29	18.41	20.29	.....	21.20	.....
30	21.14	.....	15.70	13.05	.....	.....	16.30	18.47	20.36	.....	.....	.....
31	21.18	.....	15.49	.....	.....	.....	16.40	18.55	.....	.....	.....	.....

h Tape measurement.

EC-89. U. S. Geol. Survey. E $\frac{1}{2}$ sec. 41, T. 22 N., R. 12 E. Drilled observation artesian well in sand of Pleistocene age, diameter 4 to 2 inches, depth 379 feet. Land-surface datum is 106.05 feet above msl. Highest water level 17.11 below lsd, Apr. 23, 1955; lowest 20.97 below lsd, Nov. 17, 24, 1955. Records available: 1955.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18.40	17.20	17.83	18.42	18.67	.....	.....	.....	20.78
2	18.36	17.20	17.84	18.47	18.67	.....	.....	.....	20.79
3	18.32	17.20	17.85	18.51	18.72	.....	.....	.....	20.78
4	18.29	17.23	17.86	18.53	18.75	.....	.....	.....	20.84
5	18.23	17.23	17.86	18.51	18.78	.....	.....	.....	20.82
6	18.18	17.23	17.86	18.53	18.80	.....	.....	.....	20.78
7	18.19	17.29	17.91	18.56	18.81	.....	.....	.....	20.70
8	18.15	17.38	17.93	18.61	18.69	.....	.....	.....	20.74
9	18.07	17.32	17.93	18.66	18.72	.....	.....	.....	20.83
10	h18.80	17.91	17.35	17.88	18.69	18.75	.....	.....	.....	.....
11	17.85	17.37	17.93	18.70	18.76	.....	.....	.....	.....
12	17.70	17.38	17.97	18.75	18.78	.....	h20.37	.....	.....
13	17.56	17.40	18.01	18.79	18.82	.....	.....	.....	20.79
14	17.58	17.44	18.02	18.65	18.86	h19.82	.....	.....	20.80
15	17.54	17.48	18.05	18.66	18.87	.....	.....	.....	20.85
16	17.47	17.50	18.08	18.65	18.88	.....	.....	20.89	20.80
17	17.42	17.53	18.09	18.65	18.92	.....	.....	20.97	20.76
18	17.37	17.55	18.15	18.65	18.96	.....	.....	20.92	20.79
19	17.31	17.56	18.18	18.66	19.00	.....	.....	20.95	20.86
20	17.26	17.59	18.21	18.67	19.03	.....	.....	20.96	20.83
21	17.22	17.59	18.25	18.61	19.06	.....	.....	20.92	20.82
22	17.16	17.61	18.27	18.60	19.08	.....	.....	20.88	20.75
23	17.11	17.62	18.27	18.59	19.11	.....	.....	20.95	20.76
24	18.86	17.15	17.64	18.29	18.58	19.13	.....	.....	20.97	20.80
25	18.76	17.18	17.65	18.31	18.60	19.16	.....	.....	20.88	20.85
26	18.86	17.20	17.67	18.36	18.62	.....	.....	.....	20.87	20.86
27	18.80	17.16	17.72	18.32	18.62	.....	.....	.....	20.82	20.87
28	18.70	17.17	17.74	18.37	18.63	.....	.....	.....	20.92	20.88
29	18.66	17.21	17.76	18.38	18.61	.....	.....	.....	20.95	20.90
30	18.60	17.22	17.77	18.39	18.60	.....	.....	.....	20.95	20.94
31	18.52	.....	17.79	.....	18.64	.....	.....	.....	.....	20.89

h Tape measurement.

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 70.26 feet above msl. Highest water level 38.51 below lsd, Jan. 21, 1943; lowest 97.38 below lsd, July 16, 1951. Records available: 1939-55. Mar. 15, 69.71; Apr. 11, 68.65; Aug. 31, 84.01; Oct. 24, 77.02.

Ev-2. John Reed. NW. cor. irregular 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: 1939-55. Mar. 15, 78.47; Aug. 31, 99.13.

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 37.85 below lsd, Aug. 30, 1955. Records available: 1944-55. Mar. 14, 37.36; Aug. 30, 37.85.

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: 1950-55. Mar. 14, 79.31; Apr. 11, 78.88.

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: 1944-55. Mar. 16, 58.96; Apr. 11, 57.37; Sept. 2, 71.85.

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: 1946-55. Mar. 16, 58.16; Sept. 2, 70.53.

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 34.64 below lsd, Aug. 29, 1955. Records available: 1945-55. Mar. 14, 34.31; Aug. 29, 34.64.

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. Measurement discontinued.

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: 1949-55. Mar. 16, 71.23; Aug. 31, 92.63.

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: 1947-55. Mar. 15, 76.81; Aug. 31, 85.17.

Ev-84. Leroy Soileau. 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. Land-surface datum is 74.6 feet above msl. Highest water level 74.30 below lsd, Mar. 24, 1950; lowest 90.78 below lsd, Aug. 31, 1955. Records available: 1949-55. Mar. 15, 85.31; Aug. 31, 90.78.

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 58.10 feet above msl. Highest water level 33.94 below lsd, Mar. 13, 1947; lowest 72.87 below lsd, Aug. 31, 1955. Records available: 1947-55. Mar. 15, 52.57; Aug. 31, 72.87.

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. Land-surface datum is 78.56 feet above msl. Highest water level 83.69 below lsd, Mar. 22, 1954; lowest 89.51 below lsd, Aug. 31, 1955. Records available: 1953-55. Mar. 15, 85.80; Aug. 31, 89.51.

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: 1948-55. Mar. 15, 38.08; Aug. 29, 50.72.

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: 1949-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	63.26	60.82	59.14	58.00	71.62	85.70	h87.37	77.80	75.50	70.81	67.23	64.05
2	63.22	60.77	59.09	57.99	72.55	86.47	86.30	77.32	75.20	70.68	67.11	63.88
3	63.17	60.73	59.00	58.28	73.82	87.22	85.25	77.02	74.92	70.55	67.09	63.78
4	63.05	60.63	58.96	58.02	75.02	87.24	84.78	76.87	74.68	70.37	67.02	63.69
5	62.90	59.92	58.90	57.96	75.96	87.51	85.03	76.62	74.48	70.27	66.88	63.63
6	62.85	59.75	58.90	57.95	76.43	87.70	85.23	76.38	74.26	70.10	66.68	63.52
7	62.79	59.78	58.88	57.90	77.17	87.69	85.94	76.11	74.04	69.96	66.57	63.37
8	62.68	59.90	58.86	57.88	.....	86.97	87.25	75.85	73.87	69.92	66.50	63.37
9	62.40	60.00	58.74	57.63	h78.39	86.53	86.32	75.67	73.73	69.85	66.34	63.37
10	62.39	60.00	58.66	57.45	78.65	85.20	85.60	75.55	73.78	69.80	66.15	63.30
11	62.35	60.17	58.60	57.32	78.51	85.16	85.12	75.34	73.47	69.57	66.03	63.22
12	62.26	60.26	58.54	57.17	78.29	85.40	86.37	75.11	73.35	69.35	65.95	63.13
13	62.27	60.26	58.50	57.09	78.41	86.87	85.88	75.03	73.62	69.18	65.89	63.02
14	62.19	60.20	.....	57.12	77.16	87.33	85.28	75.01	73.77	69.03	65.78	62.93
15	61.92	60.05	58.42	57.15	76.66	87.80	84.22	74.93	73.77	68.89	65.62	62.90
16	61.80	59.92	58.39	57.18	76.24	88.00	83.75	74.82	73.72	68.79	65.52	62.78
17	61.60	59.87	58.35	57.26	75.15	87.80	82.70	74.78	73.33	68.60	65.52	62.61
18	61.60	59.80	58.28	57.40	74.30	88.36	82.30	75.18	73.02	68.52	65.38	62.52
19	61.70	59.65	58.25	57.63	73.75	89.10	82.45	75.55	72.74	68.78	65.32	62.51
20	61.70	59.58	58.14	57.90	72.85	88.92	82.34	77.68	72.75	68.65	65.28	62.42
21	61.57	59.45	58.02	58.21	72.10	89.01	82.20	78.78	72.63	68.60	65.14	62.32
22	61.54	59.32	58.12	58.66	72.28	89.11	81.98	78.75	72.33	68.50	64.97	62.17
23	61.49	59.29	58.10	59.36	h73.27	89.07	81.75	78.57	72.17	68.38	64.87	62.05
24	61.43	59.29	58.30	59.88	74.10	88.56	81.45	78.85	72.02	68.33	64.82	61.98
25	61.42	59.30	57.98	61.37	75.00	.....	81.10	79.00	71.79	68.21	64.68	61.91
26	61.38	59.28	58.03	64.15	78.75	.....	81.47	78.40	71.60	68.11	64.60	61.84
27	61.23	59.25	58.06	66.10	80.64	.....	81.71	77.90	71.42	67.98	64.43	61.81
28	61.18	59.18	57.98	67.75	82.00	.....	80.53	77.18	71.23	67.75	64.40	61.74
29	61.13		57.98	69.15	83.10	.....	79.54	76.70	71.04	67.62	64.38	61.71
30	61.08		58.01	70.75	84.16	.....	78.80	76.18	70.93	67.50	64.34	61.71
31	60.98		58.10		85.17		78.28	75.85		67.38		61.62

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. Land-surface datum is 72.87 feet above msl. Highest water level 68.82 below lsd, Apr. 1, 1949; lowest 84.35 below lsd, Aug. 31, 1955. Records available: 1949-55. Mar. 15, 81.06; Aug. 31, 84.35.

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. Highest water level 10.10 below lsd, Aug. 30, 1955; lowest 12.72 below lsd, Sept. 13, 1954. Records available: 1954-55. Mar. 14, 10.14; Aug. 30, 10.10.

Ev-432. Vernon Meyer. Sec. 37, T. 2 S., R. 1 E. Borea domestic water-table well in deposits of Pleistocene age, diameter 8 inches, depth 58 feet. Land-surface datum is 121.4 feet above msl. Highest water level 52.98 below lsd, July 7, 1953; lowest 55.23 below lsd, Aug. 30, 1955. Records available: 1953-55. Mar. 14, 55.06; Aug. 30, 55.23.

Ev-484. N. Johnson. $NE\frac{1}{4}$ sec. 34, T. 2 S., R. 2 W. Bored domestic water-table well in deposits of Pleistocene age, diameter 8 inches, depth 43 feet. Land-surface datum is 117.3 feet above msl. Highest water level 38.06 below lsd, May 11, 1953; lowest 41.58 below lsd, Aug. 30, 1955. Records available: 1953-55. Mar. 14, 40.54; Aug. 30, 41.58.

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 of Pleistocene age, diameter 4 inches, depth 90 feet. Land-surface datum is 124.74 feet above msl. Highest water level 60.30 above lsd, July 18, 1953; lowest 62.24 below lsd, Dec. 6, 1954. Records available: 1953-55. Mar. 14, 62.08; Aug. 30, 62.06.

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 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 49.32 below lsd, Aug. 30, 1955. Records available: 1953-55. Mar. 14, 49.28; Aug. 30, 49.32.

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. Land-surface datum is 120.3 feet above msl. Highest water level 58.95 below lsd, May 8, July 10, 1953; lowest 60.30 below lsd, Mar. 15, 1954. Records available: 1953-55. Mar. 15, 59.90; Aug. 30, 60.22.

Ev-515. Hosea Ardoin. Sec. 42, T. 2 S., R. 1 E. Drilled unused 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. Measurement discontinued.

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 46.33 below lsd, Dec. 29, 1955. Records available: 1954-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	45.60	45.57	44.94	44.92	44.62	44.74	h45.16	45.44	45.58	45.74	45.95	46.05
2	45.64	45.69	44.97	44.99	44.62	44.72	45.22	45.43	45.57	.....	45.95	46.10
3	45.62	45.74	44.92	45.00	44.63	44.73	45.19	45.47	45.57	h45.73	46.03	46.13
4	45.59	45.65	44.95	45.03	44.62	44.73	45.20	45.46	45.61	45.76	45.97	46.18
5	45.59	45.40	44.98	45.06	44.61	44.70	45.20	45.46	45.61	45.76	45.92	46.17
6	45.68	45.33	45.03	45.05	44.59	44.77	45.20	45.44	45.60	45.80	45.92	46.15
7	45.64	45.37	44.98	45.11	44.59	44.80	45.22	45.40	45.59	45.82	46.01	46.10
8	45.61	45.34	45.00	45.09	44.62	44.80	45.25	45.39	45.62	45.81	46.00	46.22
9	45.63	45.26	44.86	44.99	44.63	44.80	45.27	45.42	45.63	45.80	45.94	46.23
10	45.72	45.20	44.87	44.87	44.63	44.80	45.27	45.43	45.62	45.81	45.94	46.20
11	45.66	45.46	44.90	h44.83	44.50	44.85	45.25	45.41	45.63	45.80	46.01	46.21
12	45.66	45.40	44.92	44.79	44.61	44.87	45.28	45.40	45.66	45.78	46.03	46.20
13	45.69	45.28	44.93	44.76	44.59	44.88	45.31	45.45	45.67	45.83	46.03	46.18
14	45.60	45.17	44.92	44.87	.....	44.88	45.32	45.46	45.66	45.83	46.00	46.20
15	45.61	45.13	44.93	44.85	.....	44.87	45.32	45.45	45.63	45.82	45.98	46.26
16	45.64	45.13	44.98	44.77	.....	44.91	45.34	45.43	45.65	45.80	46.08	46.20
17	45.61	45.23	44.92	44.77	.....	44.92	45.35	45.45	45.68	45.86	46.09	46.14
18	45.50	45.17	44.92	44.73	.....	44.94	45.35	45.48	45.67	45.87	46.01	46.24
19	45.82	45.13	44.93	44.68	.....	44.97	45.36	45.49	45.66	45.89	46.10	46.26
20	45.68	45.28	44.89	44.70	.....	44.98	45.36	45.49	45.67	45.89	46.08	46.20

Ev-547--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	45.58	45.18	44.82	44.70	.....	45.00	45.35	45.50	45.69	45.88	46.04	46.20
22	45.69	45.13	45.10	44.65	.....	45.00	45.36	45.50	45.66	45.87	46.05	46.16
23	45.68	45.10	44.97	44.60	h44.67	45.02	45.37	45.49	45.68	45.87	46.13	46.18
24	45.69	45.14	44.94	44.69	44.68	45.04	45.38	45.49	45.69	45.89	46.13	46.30
25	45.78	45.05	44.90	44.70	44.67	.....	45.42	45.51	45.71	45.91	46.14	46.29
26	45.69	44.99	45.13	44.68	44.67	.....	45.44	45.51	45.70	45.89	46.13	46.29
27	45.66	44.96	45.03	44.61	44.72	.....	45.43	.....	45.69	45.90	46.09	46.30
28	45.68	44.92	44.94	44.65	44.72	.....	45.42	.....	45.68	45.85	46.22	46.30
29	45.71		45.01	44.69	44.74	.....	45.43	.....	45.68	45.94	46.20	46.33
30	45.70		45.01	44.64	44.71	.....	45.42	h45.51	45.71	45.95	46.17	46.31
31	45.68		44.97		44.73		45.44	45.58		45.96		46.28

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. Land-surface datum is 62.3 feet above msl. Highest water level 31.74 below lsd, Mar. 22, 1954; lowest 35.55 below lsd, Aug. 29, 1955. Records available: 1953-55. Mar. 15, 33.45; Aug. 29, 35.55.

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 28.22 below lsd, Aug. 30, 1955. Records available: 1954-55.

Daily noon water level from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	26.00	Jan. 19	26.07	Feb. 5	26.00	Mar. 14	h25.79
2	26.03	20	26.05	6	26.07	15	25.80
3	26.03	21	26.02	7	26.11	16	25.82
4	26.01	22	26.04	8	26.10	17	25.79
5	26.01	23	26.04	9	26.07	18	25.80
6	26.05	24	26.04	10	26.08	19	25.80
7	26.04	25	26.08	11	26.14	20	25.79
8	26.03	26	26.06	12	26.14	21	25.76
9	26.01	27	26.07	13	26.10	22	25.85
10	26.06	28	26.05	14	26.07	23	25.82
11	26.05	29	26.07	15	26.06	24	25.81
12	26.06	30	26.07	16	h25.93	25	25.79
13	26.07	31	26.05	17	25.98	26	25.88
14	26.04	Feb. 1	26.03	18	25.97	27	25.87
15	26.01	2	26.06	19	25.96	28	25.83
16	26.04	3	26.07	20	25.99	29	h24.87
17	26.03	4	26.05	21	25.94	Aug. 30	h28.22
18	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. Land-surface datum is 58.4 feet above msl. Highest water level 49.53 below lsd, Mar. 15, 1954; lowest 56.76 below lsd, Aug. 30, 1955. Records available: 1953-55. Jan. 5, 52.34; Mar. 14, 51.77; Aug. 30, 56.76.

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 44.00 below lsd, Aug. 29, 1955. Records available: 1954-55. Aug. 29, 44.00.

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. Land-surface datum is 79.0 feet above msl. Highest water level 20.70 below lsd, June 9, 1953; lowest 24.93 below lsd, Mar. 9, 1953. Records available: 1953-55. Mar. 14, 23.88; Aug. 30, 24.61.

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. Land-surface datum is 64.8 feet above msl. Highest water level 1.84 below lsd, May 26, 1953; lowest 7.53 below lsd, Sept. 13, 1954. Records available: 1953-55. Mar. 14, 4.89; Aug. 30, 5.88.

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 $\frac{1}{2}$ inches, depth 92 feet. Land-surface datum is 109.2 feet above msl. Highest water level 42.13 below lsd, Sept. 15, 1954; lowest 43.09 below lsd, Aug. 30, 1955. Records available: 1953-55. Mar. 14, 43.15; Aug. 30, 43.09.

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 $\frac{1}{2}$ inches, depth 53 feet. Land-surface datum is 107.1 feet above msl. Highest water level 36.42 below lsd, June 15, 1953; lowest 36.94 below lsd, Sept. 15, 1954. Records available: 1953-55. Aug. 30, 37.19.

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 $\frac{1}{2}$ inches, depth 96 feet. Land-surface datum is 66.2 feet above msl. Highest water level 31.56 below lsd, Mar. 15, 1954; lowest 34.95 below lsd, Sept. 13, 1954. Records available: 1953-55. Mar. 15, 33.19.

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. Land-surface datum is 77.0 feet above msl. Highest water level 23.23 below lsd, Nov. 5, 1953; lowest 24.73 below lsd, Sept. 13, 1954. Records available: 1953-55. Mar. 14, 23.33; Aug. 30, 24.48.

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 36.41 below lsd, Nov. 4, 1955. Records available: 1938-45, 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	34.99	May 6	33.80	Aug. 26	35.57	Nov. 4	36.41
Feb. 25	33.53	June 3	33.02	Sept. 22	35.90	Dec. 8	36.34
Mar. 25	32.37						

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, 1949-55. Jan. 24, +2.92; Mar. 21, +2.25; May 2, +2.20; July 5, +1.66; Sept. 19, +1.77; Nov. 3, +1.65; Dec. 7, +1.85.

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: 1942-55. Jan. 21, 70.46; Feb. 22, 69.75; Oct. 27, 70.13; Nov. 28, 70.33; Dec. 23, 70.19.

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 12.52 below lsd, Aug. 30, 1955. Records available: 1944-55. Mar. 15, 9.60; Aug. 30, 12.52.

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: 1945-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	89.57	108.69	110.17	110.42	112.12	112.13	110.58	103.65	104.57	107.30	107.36	106.77
2	87.95	108.75	110.19	110.58	112.11	112.38	110.47	103.38	104.46	107.40	107.35	106.69
3	87.00	108.88	110.22	110.67	112.08	112.02	110.57	103.22	104.20	107.47	107.40	106.65
4	91.29	108.97	110.24	110.71	111.89	111.94	108.16	103.08	104.07	107.45	107.44	106.60
5	95.44	109.00	110.27	110.72	111.78	111.95	103.90	.....	103.97	107.45	107.44	106.60

Ja-13--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	98.75	108.97	110.30	110.57	111.83	111.90	100.70	.....	102.12	107.50	107.40	106.55
7	101.21	108.99	110.37	110.55	111.92	111.68	97.99	.....	102.10	107.53	107.36	106.50
8	102.77	109.05	110.43	110.69	111.95	111.25	95.45	.....	102.61	107.59	107.35	106.48
9	103.80	109.10	110.45	110.86	111.83	111.09	93.40	.....	103.00	107.66	107.34	106.54
10	104.48	109.15	110.43	110.95	111.88	111.01	.....	.....	103.20	107.71	107.27	106.58
11	105.07	109.28	110.43	110.97	111.96	111.02	.....	.....	103.35	107.74	107.20	106.58
12	105.54	109.45	110.22	110.97	111.96	111.02	.....	.....	103.44	107.44	107.15	106.58
13	105.94	109.58	110.35	110.96	111.94	110.99	95.10	.....	103.51	106.87	107.12	106.58
14	106.11	109.65	110.50	110.57	111.87	110.83	97.29	103.49	103.55	106.38	107.10	106.57
15	106.18	109.69	110.54	110.46	111.69	110.81	98.72	104.03	103.55	106.00	107.05	106.57
16	106.32	109.70	110.58	110.58	111.58	110.98	99.60	104.45	104.23	106.06	106.98	106.58
17	106.50	109.75	110.65	110.88	111.70	111.04	100.33	104.75	105.55	106.37	107.00	106.57
18	106.64	109.80	110.66	111.14	111.76	110.97	101.65	105.00	106.27	106.65	107.01	106.54
19	106.82	109.83	110.67	111.34	111.78	110.96	102.49	105.23	106.47	106.87	107.00	106.57
20	107.03	109.85	110.67	111.49	111.70	110.96	103.15	105.42	106.55	107.04	107.00	106.60
21	107.17	109.91	110.54	111.62	111.52	110.98	103.67	105.57	106.62	107.15	106.97	106.60
22	107.13	109.95	109.89	111.71	111.26	110.92	104.12	105.68	106.70	107.22	106.91	106.58
23	107.31	109.99	109.28	111.77	111.19	110.91	104.53	105.80	106.81	107.28	106.85	106.54
24	107.66	110.03	109.35	111.80	111.23	110.90	105.05	105.89	106.87	107.33	106.85	106.48
25	107.89	110.10	109.60	111.85	110.73	110.84	105.37	106.00	106.96	107.38	106.81	104.45
26	108.08	110.14	109.93	111.93	.....	110.75	105.41	106.16	107.08	107.38	106.75	100.75
27	108.20	110.16	110.23	111.98	.....	110.68	105.52	106.27	107.18	107.37	106.68	98.26
28	108.33	110.17	110.42	111.98	.....	110.83	105.59	105.93	107.21	107.36	106.65	100.05
29	108.44	.....	110.54	111.93	.....	110.91	105.07	105.46	106.95	107.30	106.68	101.70
30	108.54	.....	110.44	112.07	111.70	110.77	104.45	105.17	107.10	107.33	106.75	102.88
31	108.64	.....	110.38	.....	111.95	.....	103.98	104.83	.....	107.36	.....	103.67

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 2.24 below lsd, Feb. 4, 1955. Records available: 1953-55. Jan. 14, 0.29; Feb. 4, 2.24. Measurement discontinued.

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: 1938-41, 1944-55. Mar. 15, 53.26; Aug. 31, 64.20.

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: 1938-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20	49.94	Apr. 12	44.97	Aug. 30	59.22	Nov. 22	51.08
Feb. 17	47.46	May 24	54.22	Oct. 5	53.93	Dec. 30	47.85
Mar. 15	45.86	July 28	58.63	26	52.82		

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 71.73 below lsd, Aug. 31, 1955. Records available: 1938-55. Mar. 15, 64.47; Aug. 31, 71.73.

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 68.80 below lsd, Aug. 31, 1955. Records available: 1938-39, 1944-55. Mar. 15, 58.71; July 28, 57.42; Aug. 31, 68.80.

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 118-243. 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: 1938-55.

JD-23--Continued.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	48.42	46.16	44.60	.....	44.21	.....	62.68	56.65	58.45	51.99	49.42	47.45
2	48.43	46.17	44.57	.....	44.53	.....	63.28	56.80	58.05	51.88	49.62	47.30
3	48.38	46.16	44.50	.....	44.77	.....	63.83	56.70	.....	51.73	49.76	47.22
4	48.30	45.96	44.47	.....	44.93	.....	63.77	56.40	.....	51.57	49.77	47.17
5	48.12	45.68	44.46	.....	45.04	.....	63.38	.....	.....	51.40	49.65	47.12
6	48.17	45.75	44.45	.....	45.28	.....	63.22	.....	.....	51.28	49.44	47.02
7	48.10	45.83	44.45	.....	45.80	.....	63.47	.....	.....	51.16	49.50	46.85
8	47.95	45.80	44.43	.....	46.22	.....	63.75	.....	h56.18	51.08	49.50	46.88
9	47.72	45.66	44.27	.....	46.51	.....	64.06	.....	55.95	50.95	49.30	46.91
10	47.81	45.67	44.18	.....	47.04	.....	64.15	.....	55.68	50.82	49.10	46.88
11	47.76	45.83	44.14	.....	47.97	.....	.....	.....	55.41	50.67	49.01	46.82
12	47.73	45.79	44.10	.....	48.85	.....	.....	.....	55.15	50.48	48.98	46.75
13	47.61	45.64	44.07	42.65	49.63	.....	.....	.....	54.98	50.38	48.95	46.63
14	47.40	45.50	44.02	42.75	50.73	.....	.....	.....	54.83	50.30	48.82	46.56
15	47.16	45.35	43.99	42.75	51.60	.....	.....	.....	54.61	50.17	48.62	46.59
16	.....	45.28	43.97	42.71	52.12	.....	.....	.....	54.41	50.00	48.59	46.47
17	.....	h45.29	43.95	42.68	52.23	.....	.....	.....	54.22	50.03	48.67	46.26
18	.....	45.22	43.89	42.62	51.62	.....	.....	.....	54.03	50.15	48.57	46.23
19	.....	45.10	.....	42.57	51.39	.....	.....	.....	53.81	50.14	48.53	46.30
20	h47.08	45.12	.....	42.53	50.85	.....	.....	.....	53.62	50.03	48.50	46.19
21	46.86	45.05	.....	42.52	50.47	.....	.....	.....	53.47	49.92	48.30	46.07
22	46.84	45.02	.....	42.55	50.14	.....	.....	.....	53.30	49.79	48.15	45.91
23	46.80	45.00	.....	42.66	49.78	.....	.....	.....	53.09	49.67	48.20	46.84
24	46.76	45.00	.....	42.72	49.58	.....	.....	.....	52.94	49.61	48.12	46.85
25	46.80	44.94	.....	42.92	h49.60	.....	.....	.....	52.82	49.48	48.02	.....
26	46.68	44.82	.....	43.04	.....	.....	.....	.....	52.75	49.42	47.93	.....
27	46.57	44.75	.....	43.16	.....	h59.12	.....	.....	52.61	49.30	47.73	45.75
28	46.51	44.65	h43.67	43.40	.....	59.97	h57.42	.....	52.41	49.20	47.79	45.74
29	46.48	.....	.....	43.68	.....	61.05	57.22	.....	52.23	49.29	47.83	45.74
30	46.43	.....	.....	43.89	.....	61.95	57.00	.....	52.07	49.35	47.79	45.71
31	46.32	.....	.....	.....	.....	.....	56.78	h58.90	.....	49.34	.....	45.70

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: 1939-55. Mar. 15, 34.85; Aug. 30, 43.29.

JD-33. Joe Pettjean. 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, 1947-55. Mar. 15, 24.53; Aug. 30, 33.49.

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: 1939-55. Mar. 15, 47.59; Aug. 30, 54.19.

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, 1944-55. Mar. 15, 21.22; Aug. 30, 27.64.

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: 1939-55. Mar. 15, 44.00; Apr. 12, 42.79; Aug. 30, 60.85.

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: 1945-55. Mar. 15, 21.31; Aug. 30, 27.19.

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. No measurement made in 1955.

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 73.68 below lsd, Aug. 31, 1955. Records available: 1948-55. Mar. 15, 61.60; Aug. 31, 73.68.

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 33.94 below lsd, Aug. 30, 1955. Records available: 1949-55. Mar. 15, 33.33; Aug. 30, 33.94.

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: 1954-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	28.40	27.39	26.52	.....	27.11	35.66	40.62	33.77	35.40	31.93	32.25	29.12
2	28.34	27.37	26.55	.....	27.68	36.07	40.72	33.84	35.07	31.88	32.28	27.05
3	28.26	27.33	26.53	.....	28.57	36.87	40.68	33.65	34.82	31.80	32.32	26.74
4	28.18	27.24	26.50	.....	27.97	37.54	39.90	32.02	34.60	31.74	.....	26.80
5	28.12	.....	26.49	.....	28.39	37.82	39.30	32.90	34.36	31.59	.....	26.41
6	28.09	26.70	26.46	.....	29.37	38.00	38.27	32.12	34.20	31.55	.....	26.50
7	28.07	26.58	26.44	.....	30.19	38.34	37.90	32.32	34.07	31.42	.....	26.55
8	27.95	26.66	26.43	.....	31.06	38.34	38.00	32.62	33.93	31.37	.....	26.62
9	27.80	26.76	26.35	.....	31.48	38.34	38.13	32.20	33.79	31.30	.....	26.72
10	27.78	26.87	26.32	.....	32.64	37.85	37.85	.....	33.67	31.25	.....	26.74
11	27.70	27.04	26.30	.....	33.46	39.12	37.61	.....	33.55	31.16	.....	26.75
12	27.64	27.15	26.27	h25.27	33.46	39.62	37.60	.....	33.38	31.10	.....	26.75
13	27.60	27.18	26.26	25.01	32.62	40.03	35.90	32.00	33.27	31.01	.....	26.74
14	27.51	27.20	26.21	25.37	32.48	40.26	34.15	32.67	33.17	30.96	.....	26.71
15	27.75	27.21	26.18	25.74	32.39	40.21	34.70	33.17	33.05	30.90	.....	26.70
16	27.18	27.19	26.13	25.77	32.13	40.79	34.07	33.70	32.96	30.83	.....	26.70
17	.....	h27.22	26.10	25.80	32.47	40.99	33.69	34.43	32.89	30.79	.....	26.62
18	.....	27.22	26.07	25.89	33.13	40.70	33.37	34.95	32.85	30.75	.....	26.52
19	.....	27.16	26.04	25.88	33.32	40.45	34.64	35.62	32.82	30.75	.....	26.50
20	27.29	27.17	26.00	25.91	32.18	40.43	33.94	.....	32.74	30.78	.....	26.45
21	27.31	26.15	25.90	25.85	31.25	39.98	33.98	.....	32.69	31.31	.....	26.40
22	27.38	25.93	26.07	26.03	30.93	39.68	34.08	36.02	32.64	31.42	h29.80	26.34
23	27.46	26.12	26.13	26.44	30.71	39.42	34.13	.....	32.57	32.19	29.73	26.26
24	27.52	26.29	26.15	26.45	30.58	38.97	34.27	36.67	32.46	32.60	29.79	26.22
25	27.59	26.43	26.13	26.66	31.84	38.25	34.57	.....	32.40	32.43	29.57	26.19
26	27.58	26.52	26.18	26.75	32.53	38.30	34.58	.....	32.29	32.35	29.48	26.14
27	27.57	26.55	26.03	26.78	33.41	38.69	33.47	36.55	32.24	32.37	29.34	26.10
28	27.55	26.51	25.95	27.12	34.09	39.63	32.79	36.22	32.17	32.32	29.30	26.06
29	27.55	.....	26.16	27.02	34.60	40.14	33.08	35.96	32.08	32.67	29.30	26.03
30	27.53	.....	26.35	26.84	34.85	40.40	33.42	35.80	31.99	32.30	29.24	26.00
31	27.47	.....	26.46	.....	35.45	.....	33.62	35.64	.....	32.45	.....	.....

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: 1943-55. Mar. 15, 31.01; Aug. 30, 31.50.

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: 1943-55. Mar. 15, 34.77; Aug. 30, 37.95.

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: 1944-55. Mar. 15, 27.46; Aug. 30, 27.93.

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 41.68 below lsd, Aug. 30, 1955. Records available: 1943-55. Mar. 16, 34.84; Aug. 30, 41.68.

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: 1946-55. Mar. 15, 45.41; Aug. 29, 44.96.

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: 1946-55. Mar. 17, 20.38; Aug. 30, 20.78.

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: 1944-55. Mar. 15, 39.55; Aug. 30, 46.50.

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: 1951-55. Mar. 15, 39.63; Aug. 29, 39.05.

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 37.81 below lsd, June 2, 1955. Records available: 1939-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	28.80	Mar. 22	28.38	June 2	37.81	Sept. 21	27.15
Feb. 22	28.43	May 2	28.32	Aug. 24	28.18	Nov. 3	29.57

Lincoln Parish

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: 1951-55. Jan. 26, 194.06; Feb. 23, 193.70. Measurement discontinued.

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: 1940-55.

Jan. 11	+2.70	June 6	+2.5	Sept. 9	+2.5	Nov. 14	+1.9
Feb. 1	+2.75	July 15	+1.9	Oct. 6	+2.1	Dec. 12	+2.5
Apr. 4	+2.62	Aug. 11	+2.3				

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. Measurement discontinued.

Li-15. Hammond Lumber Co. Springville fire tower. Center sec. 43, 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: 1947-55.

Jan. 11	+5.85	June 6	+4.32	Sept. 9	+4.85	Nov. 14	+5.05
Feb. 1	+5.96	July 15	+3.65	Oct. 6	+4.65	Dec. 12	+5.65
Apr. 4	+5.60	Aug. 11	+5.15				

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 100.80 above lsd, Nov. 14, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10	+110.47	June 6	+111.16	Sept. 9	+111.61	Nov. 14	+100.80
Feb. 1	+111.16	July 15	+111.16	Oct. 6	+103.76	Dec. 12	+101.26
Apr. 4	+110.47	Aug. 11	+112.07				

Li-54. St. Margaret Catholic Church. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 7 S., R. 6 E. Drilled public-supply artesian well, diameter 2 $\frac{1}{2}$ inches, depth 2,101 feet. Highest water level 121.8 above lsd, Nov. 30, 1954, Jan. 10, Feb. 1, Apr. 4, 1955; lowest 109.07 above lsd, Dec. 12, 1955. Records available: 1954-55.

Nov. 30, 1954	+121.8	Apr. 4, 1955	+121.8	Aug. 11, 1955	+121.0	Nov. 14, 1955	+109.76
Jan. 10, 1955	+121.8	June 6	+120.9	Sept. 9	+120.6	Dec. 12	+109.07
Feb. 1	+121.8	July 15	+120.8	Oct. 6	+115.97		

Li-55. John M. Prokop. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 39, T. 6 S., R. 6 E. Drilled domestic artesian well, diameter 3 inches, depth 2,030 feet. Highest water level 119.5 above lsd, Apr. 4, 1955; lowest 108.88 above lsd, Dec. 12, 1955. Records available: 1954-55.

Nov. 30, 1954	+117.4	June 6, 1955	+117.4	Sept. 9, 1955	+117.6	Nov. 14, 1955	+109.34
Jan. 10, 1955	+117.4	July 15	+118.1	Oct. 6	+111.64	Dec. 12	+108.88
Apr. 4	+119.5						

Madison Parish

Ma-10. Illinois Central RR. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 16 N., R. 13 E. Drilled observation artesian well in sand of Recent age, diameter 8 inches, depth 79 feet. Highest water level 10.19 below lsd, Apr. 7, 21, 1953; lowest 16.25 below lsd, Oct. 20, 1954. Records available: 1953-55.

Mar. 3, 1953	12.40	Dec. 2, 1953	14.85	Apr. 7, 1954	13.34	Aug. 5, 1954	14.65
Apr. 7	10.19	9	14.78	13	13.00	11	14.74
21	10.19	16	14.82	20	12.88	18	15.08
Aug. 18	12.29	22	14.86	27	12.93	24	15.20
25	12.48	29	14.73	May 6	11.50	Sept. 2	15.43
Sept. 1	12.72	Jan. 5, 1954	14.78	11	11.25	8	15.55
8	12.93	14	14.46	19	11.06	22	15.80
15	13.19	19	14.23	25	11.38	28	15.92
22	13.45	26	14.13	June 3	11.82	Oct. 13	16.16
29	13.62	Feb. 3	13.84	9	12.10	20	16.25
Oct. 6	13.90	10	13.74	16	12.50	Feb. 22, 1955	14.80
13	14.07	17	13.82	23	12.78	Mar. 22	14.00
20	14.26	23	13.57	July 1	13.06	June 2	11.98
27	14.70	Mar. 1	13.48	7	13.42	Aug. 24	12.76
Nov. 3	14.60	10	13.41	14	14.17	Sept. 21	13.74
10	14.73	16	13.61	22	14.07	Nov. 3	14.76
18	14.75	23	13.49	29	14.31	Dec. 8	14.55
24	14.82	30	13.37				

Morehouse Parish

Mo-5. International Paper Co. Sec. 24, T. 21 N., R. 5 E. Drilled industrial artesian well in Sparta sand, diameter 10 inches, depth 860 feet. Highest water level 170.35 below lsd, Dec. 27, 1955; lowest 177.02 below lsd, Nov. 28, 1955. Records available: 1955.

Daily noon water level from recorder graph

Aug. 23	h173.53	Oct. 24	172.95	Nov. 7	176.50	Nov. 22	173.70
Sept. 20	h172.42	25	173.25	8	176.23	23	174.10
Oct. 12	h172.29	26	174.90	9	173.78	24	173.75
13	172.21	27	173.40	10	172.40	25	173.80
14	172.19	28	173.70	11	172.35	26	170.95
15	171.30	29	174.22	12	176.25	27	172.98
16	171.32	30	173.35	13	175.50	28	177.02
17	171.70	31	172.62	14	176.05	29	176.03
18	172.32	Nov. 1	172.45	15	173.30	30	172.62
19	172.45	2	172.69	16	176.00	Dec. 1	173.60
20	172.96	3	172.08	17	174.80	2	173.04
21	173.21	4	175.55	19	174.20	3	173.40
22	172.43	5	172.99	20	173.45	4	173.50
23	174.71	6	174.12	21	173.30	5	172.65

Mo-5--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 6	173.28	Dec. 13	173.65	Dec. 20	175.25	Dec. 26	174.95
7	173.40	14	174.64	21	175.62	27	170.35
8	172.64	15	173.35	22	174.50	28	173.15
9	172.50	16	173.05	23	174.73	29	174.75
10	174.50	17	176.00	24	175.87	30	170.65
11	174.64	18	172.88	25	174.25	31	170.40
12	175.57	19	172.62				

h Tape measurement.

Mo-11. International Paper Co., Southern Kraft Division. 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: 1954-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	195.01	194.85	193.88	197.98	195.77	200.62	201.14	199.72	199.08	193.64	195.00	199.49
2	195.52	194.65	195.95	198.14	195.32	200.73	201.40	199.44	198.75	198.63	192.80	193.16
3	195.74	194.73	196.39	198.17	197.31	200.67	199.00	199.28	193.65	193.29	192.29	193.22
4	196.00	194.72	195.80	198.07	194.10	200.77	195.44	199.30	192.45	199.07	198.75	198.76
5	196.27	194.98	197.25	198.12	193.64	200.70	191.85	199.42	201.00	193.12	193.10	193.38
6	196.32	195.13	197.95	198.30	194.08	200.63	184.49	199.31	198.00	197.70	199.29	198.73
7	196.77	195.03	197.73	198.37	197.67	200.67	189.45	199.43	200.35	197.45	194.20	199.16
8	196.55	194.25	197.65	198.32	195.00	200.78	194.80	199.49	193.67	198.87	199.30	198.02
9	196.81	193.67	198.07	198.34	197.74	201.09	197.69	199.40	192.95	199.15	198.84	194.95
10	197.10	194.36	198.48	198.07	198.62	201.05	196.50	199.47	192.83	198.98	193.31	199.34
11	193.55	197.66	199.00	197.68	196.83	201.23	197.70	199.48	192.26	199.39	198.75	199.75
12	193.10	197.64	199.20	197.88	195.30	201.22	195.70	199.30	192.05	199.09	199.29	195.20
13	196.21	197.50	198.95	197.83	198.31	201.08	195.48	199.70	192.04	199.02	193.40	199.69
14	196.45	197.38	198.82	196.00	199.01	200.99	192.30	199.67	191.56	199.00	194.50	199.88
15	196.40	197.28	199.08	195.15	199.20	201.17	196.20	199.60	191.17	193.10	198.86	193.90
16	196.59	194.23	199.46	197.21	199.26	201.02	196.70	199.58	196.00	197.99	199.40	193.60
17	196.62	195.66	199.35	198.18	199.57	200.85	196.20	199.58	196.85	198.49	199.24	193.80
18	195.83	196.50	199.12	194.95	199.98	200.87	195.55	199.48	199.38	198.12	199.93	199.82
19	196.60	196.33	198.82	198.13	199.89	200.80	197.42	199.39	192.50	198.44	199.89	200.31
20	197.00	193.17	198.65	198.37	199.41	200.94	198.45	199.46	192.00	199.16	198.78	197.60
21	196.92	196.61	197.40	197.14	199.33	200.86	195.28	199.35	191.63	199.53	199.44	200.55
22	197.27	196.82	198.15	196.52	199.59	200.74	198.52	199.49	198.68	200.35	199.50	199.50
23	194.41	197.48	195.72	193.88	199.57	200.73	198.98	199.61	197.91	200.48	199.72	199.92
24	196.90	197.60	197.97	196.52	199.57	200.83	198.95	199.80	199.05	196.00	199.82	194.36
25	196.40	197.56	197.83	194.28	199.70	200.92	198.80	199.66	193.29	200.42	199.81	194.33
26	195.90	196.67	198.13	194.00	199.94	200.94	199.08	199.75	199.03	200.49	196.25	189.10
27	196.65	193.40	198.09	193.13	200.03	201.09	199.21	199.92	199.65	199.45	199.02	189.40
28	188.17	197.20	197.99	193.85	200.00	201.33	199.30	200.27	200.30	193.80	199.99	196.82
29	195.96		196.78	194.02	200.15	198.78	199.40	200.14	200.37	199.35	200.80	197.40
30	195.27		197.36	194.03	200.25	200.75	199.63	200.35	193.38	197.90	198.86	192.03
31	194.62		197.68		200.41		199.61	199.92		193.72		190.93

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 80.02 below lsd, Nov. 17, 1955. Records available: 1945-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	79.28	.....	79.36	79.79	79.50	79.58	79.57	79.66	79.77	79.82	79.69	79.33
2	78.90	.....	79.56	79.62	79.47	79.53	79.62	79.61	79.64	79.73	79.63	79.43
3	78.96	.....	79.47	79.55	79.55	79.48	79.66	79.74	79.65	79.68	80.05	79.55
4	79.06	.....	79.42	79.48	79.54	79.45	79.59	79.77	79.77	79.62	79.71	79.88
5	79.15	.....	79.53	79.44	79.49	79.40	79.52	79.73	79.76	79.59	79.47	79.75
6	78.72	.....	79.71	79.46	79.48	79.49	79.43	79.68	79.69	79.72	79.59	79.52
7	78.79	.....	79.80	79.30	79.47	79.67	79.47	79.61	79.62	79.88	79.85	79.37
8	78.98	.....	79.46	79.42	79.58	79.55	79.53	79.55	79.68	79.87	79.80	79.79
9	79.08	.....	79.22	79.58	79.58	79.50	79.60	79.64	79.73	79.70	79.49	79.98
10	79.13	.....	79.23	79.77	79.61	79.48	79.56	79.73	79.68	79.68	79.42	79.76

Mo-15--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	79.32	.....	79.38	79.65	79.52	79.62	79.52	79.65	79.68	79.65	79.65	79.67
12	79.08	.....	79.52	.....	79.46	79.64	79.56	79.63	79.77	79.55	79.83	79.59
13	79.42	.....	79.64	79.37	79.51	79.68	79.62	79.71	79.72	79.78	79.83	79.52
14	79.01	.....	79.49	79.29	79.56	79.58	79.61	79.78	79.69	79.67	79.65	79.61
15	79.14	.....	79.45	79.33	79.58	79.52	79.60	79.71	79.62	79.70	79.51	79.90
16	79.08	.....	79.72	79.50	79.53	79.55	79.59	79.61	79.65	79.59	79.94	79.55
17	79.20	.....	79.46	79.45	79.54	79.59	79.61	79.64	79.72	79.80	80.02	79.40
18	78.88	.....	79.55	79.51	79.54	79.57	79.71	79.74	79.71	79.82	79.50	79.72
19	79.66	.....	79.44	79.55	79.57	79.56	79.70	79.75	79.64	79.90	79.78	80.00
20	79.23	.....	.....	79.52	79.37	79.55	79.65	79.72	79.63	79.85	79.74	79.57
21	78.88	.....	.....	79.44	79.60	79.60	79.56	79.71	79.75	79.73	79.50	79.50
22	79.32	h79.36	79.92	79.56	79.75	79.53	79.57	79.66	79.74	79.69	79.42	79.35
23	79.27	79.49	79.53	79.73	79.69	79.52	79.59	79.66	79.62	79.69	79.86	79.42
24	79.19	79.54	79.65	79.52	79.51	79.56	79.62	79.66	79.78	79.88	79.82	79.72
25	79.53	79.39	79.84	79.27	79.53	79.60	79.71	79.63	79.79	79.69	79.66	79.76
26	.....	79.28	79.06	79.32	79.54	79.59	79.75	79.71	79.73	79.60	79.58	79.68
27	.....	79.36	79.33	79.53	79.65	79.63	79.68	79.64	79.70	79.63	79.40	79.55
28	.....	79.28	79.73	79.44	79.64	79.63	79.61	79.69	79.67	79.42	79.91	79.56
29	.....	.....	79.60	79.29	79.69	79.53	79.60	79.71	79.63	79.82	79.82	79.65
30	.....	.....	79.59	79.34	79.57	79.55	79.56	79.74	79.73	79.85	79.73	79.72
31	.....	.....	79.69	.....	79.59	.....	79.71	79.77	.....	79.80	.....	79.41

h Tape measurement.

Mo-67. D. W. Pipes. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 19 N., R. 6 E. Drilled observation artesian well in sand of Recent age, diameter 3 inches, depth 81 feet. Highest water level 6.32 below lsd, June 11, 1953; lowest 13.89 below lsd, Oct. 20, 1954. Records available: 1953-55. Recording gage removed in November 1955.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 11, 1953	6.32	Oct. 13, 1953	12.09	Feb. 17, 1954	9.83	June 23, 1954	9.35
16	6.94	20	12.20	23	9.40	30	9.95
23	7.73	27	12.25	Mar. 1	9.55	July 7	10.40
30	8.28	Nov. 4	12.28	9	9.33	14	10.78
July 7	8.85	10	12.28	16	9.56	22	11.13
14	9.30	17	12.28	23	9.46	29	11.35
20	9.30	24	12.09	30	9.10	Aug. 4	11.60
27	9.57	Dec. 2	12.05	Apr. 6	9.10	11	11.90
Aug. 4	9.90	9	11.62	13	9.26	18	12.82
11	10.25	15	11.48	20	9.15	24	12.12
18	10.55	22	11.45	27	9.33	Sept. 1	12.49
25	10.71	29	11.33	May 5	7.83	8	13.46
Sept. 1	10.98	Jan. 5, 1954	11.33	11	7.45	15	12.79
8	11.15	13	10.65	19	6.94	22	12.89
15	11.38	19	10.36	26	7.35	29	13.04
22	11.60	26	10.02	June 2	7.42	Oct. 6	13.43
29	11.77	Feb. 3	9.69	9	8.06	13	13.14
Oct. 6	11.94	9	9.70	16	8.73	20	13.89

Daily noon water level from recorder graph, 1955

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.96	.....	9.14	11.06	.....	11.20	.....	h12.28	.....
2	9.46	.....	9.06	11.05	.....	11.61	.....	.....	.....
3	9.60	h9.09	9.05	11.08	.....	11.76	.....	.....	.....
4	9.68	9.26	9.06	.....	.....	11.65	.....	.....	.....
5	9.69	9.34	9.71	.....	.....	11.43	.....	.....	.....
6	9.75	8.78	9.29	h10.53	.....	11.42	.....	.....	.....
7	h12.46	.....	.....	9.73	8.74	9.88	.....	.....	11.81	.....	.....	.....
8	9.18	8.79	10.06	.....	.....	11.92	.....	.....	.....
9	9.12	8.84	10.11	.....	.....	11.99	.....	.....	.....
10	9.06	9.55	10.15	.....	.....	12.00	.....	.....	.....
11	8.92	9.70	9.54	.....	.....	12.03	.....	.....	.....
12	8.64	9.82	9.53	.....	.....	12.12	h12.47	.....	.....
13	9.85	9.55	.....	.....	12.16	.....	.....	.....
14	9.23	9.59	.....	.....	12.21	.....	.....	.....
15	9.21	9.62	.....	.....	12.25	.....	.....	.....
16	9.22	9.67	.....	.....	12.29	.....	.....	.....
17	9.84	9.69	.....	.....	12.23	.....	.....	.....
18	9.97	10.26	.....	.....	12.27	.....	.....	.....
19	9.47	10.49	.....	.....	12.34	.....	.....	.....
20	9.41	10.59	.....	.....	12.37	.....	.....	.....

Mo-67--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	9.32	10.61	.....	.....	12.00	.....	.....	.....
22	h11.40	h9.39	.....	9.30	10.69	.....	.....	12.27	.....	.....	.....
23	9.24	.....	9.22	10.72	.....	.....	12.35	.....	.....	.....
24	9.15	.....	9.34	10.22	.....	h11.18	12.27	.....	.....	.....
25	h11.90	.....	9.04	.....	9.62	10.16	.....	11.11	12.26	.....	.....	.....
26	9.15	.....	9.50	10.20	.....	11.18	12.00	.....	.....	.....
27	9.16	.....	9.37	10.40	.....	11.18	11.90	.....	.....	.....
28	9.06	.....	8.65	10.94	.....	11.17	.....	.....	.....	.....
29	9.00	.....	8.62	11.03	.....	11.21	.....	.....	h12.61	.....
30	9.01	.....	9.31	11.06	.....	11.17	.....	.....	.....	.....
31	8.99	.....	9.39	.....	.....	11.16	.....	.....	.....	.....

h Tape measurement.

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: 1943-55. Jan. 28, +9.1; Mar. 25, +6.6; May 6, +8.1; June 3, +8.1. 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 104.77 below lsd, Dec. 15, 1955. Records available: 1950-55. Jan. 13, 86.33; Feb. 4, 83.73; Apr. 7, 87.09; June 9, 95.18; Oct. 4, 103.20; Dec. 15, 104.77.

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 7.66 below lsd, Dec. 15, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13	7.52	Apr. 7	7.07	Sept. 7	6.97	Nov. 7	7.42
Feb. 3	7.29	June 8	6.86	Oct. 4	6.56	Dec. 15	7.66

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: 1951-55.

Jan. 13	89.68	June 9	94.85	Sept. 7	88.26	Nov. 8	94.97
Feb. 4	86.18	July 13	95.06	Oct. 4	94.68	Dec. 15	88.07
Apr. 7	88.56	Aug. 9	96.32				

Or-42. U. S. Navy. Algiers Repair Base at powerhouse. Drilled unused artesian well, diameter 8 inches, depth 800 feet. Highest water level 71.07 below lsd, Mar. 10, 1950; lowest 109.00 below lsd, Oct. 8, 15, 1955. Records available: 1949-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	88.28	85.96	86.45	88.99	91.00	100.25	103.51	101.93	105.75	108.79	106.94	103.67
2	87.14	86.49	87.26	89.36	90.05	100.84	103.84	102.37	106.46	108.25	106.85	103.77
3	86.88	86.88	87.86	88.85	90.14	101.38	103.29	102.82	106.81	107.60	106.99	103.54
4	87.04	87.16	88.38	88.16	90.35	101.25	102.27	103.35	106.25	107.74	107.15	102.33
5	87.05	87.04	89.56	88.46	90.63	100.97	101.45	104.03	105.19	108.19	107.08	101.62
6	88.68	86.60	89.97	89.28	90.94	100.02	102.00	104.55	104.62	108.77	106.29	101.92
7	89.25	86.16	89.18	90.15	91.85	100.36	102.80	104.15	105.04	108.97	105.33	102.55
8	89.21	86.25	88.95	90.38	92.16	100.82	103.52	103.31	105.76	109.00	105.35	102.92
9	88.67	86.48	89.18	89.82	91.88	101.27	103.86	103.66	106.37	108.22	105.62	103.53
10	87.88	86.57	89.53	88.55	92.76	101.52	104.06	104.03	105.74	107.37	105.94	103.56
11	88.29	87.00	89.78	87.55	94.14	101.77	104.83	104.67	106.36	107.73	106.32	102.87
12	88.72	87.12	89.65	87.75	95.27	101.20	104.04	105.13	105.70	108.18	106.54	102.13
13	89.11	86.70	89.01	88.41	96.25	100.42	104.04	105.36	106.12	108.57	106.04	102.17
14	89.02	86.12	88.44	89.27	96.98	100.80	104.45	104.57	106.56	108.88	105.26	102.59
15	88.60	86.26	88.25	89.97	96.85	101.25	104.81	103.57	106.89	109.00	105.66	103.63

Or-42--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	87.74	86.48	89.50	90.40	96.16	101.56	104.88	103.89	106.59	108.36	106.25	103.85
17	87.04	86.81	89.95	89.97	96.90	101.80	104.20	104.50	106.55	107.45	106.50	103.70
18	86.74	87.34	90.43	89.23	97.75	101.91	103.14	105.23	106.80	107.63	106.37	102.90
19	87.16	87.62	90.56	89.57	98.43	101.61	103.21	105.70	106.57	108.02	106.14	102.20
20	87.27	87.15	90.10	90.27	98.72	100.78	103.45	105.95	106.87	108.27	105.29	102.57
21	87.14	86.57	89.14	90.82	99.05	100.98	103.76	105.50	107.43	108.52	104.42	102.85
22	86.98	86.37	89.68	91.27	98.28	101.53	103.98	104.62	107.77	108.58	104.41	102.94
23	86.49	85.39	89.69	91.55	97.45	102.02	104.16	104.77	108.05	108.15	104.92	102.57
24	85.82	85.70	89.68	91.09	97.87	102.45	103.49	105.19	108.24	107.11	105.34	102.54
25	85.78	86.43	89.70	90.15	98.57	102.77	102.69	105.71	107.62	107.35	104.07	101.73
26	85.98	86.84	89.57	90.33	98.78	102.34	102.88	105.92	107.10	107.80	103.69	100.73
27	86.21	86.75	88.82	90.75	98.12	101.35	103.09	105.95	107.38	107.87	103.10	100.47
28	86.40	86.23	88.01	91.14	97.65	101.68	103.35	105.15	107.87	107.97	102.71	100.91
29	86.41		87.90	91.52	98.24	102.32	103.55	104.17	108.37	107.96	103.13	100.97
30	86.09		88.20	91.79	99.00	102.97	103.70	104.51	108.68	107.39	103.55	100.65
31	85.60		88.63		99.55		102.96	105.15		106.75		99.62

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 106.54 below lsd, Nov. 29, 1955. Records available: 1946, 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	104.87	May 3	104.25	Aug. 24	105.22	Nov. 1	106.12
Feb. 23	94.24	June 1	104.77	Sept. 20	105.43	29	106.54
Mar. 22	104.40						

Ou-26. Fred Fudickar. S₂ 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 98.04 below lsd, Sept. 21, 1955. Records available: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	95.31	May 3	95.31	Aug. 24	96.73	Nov. 2	97.64
Feb. 22	94.95	June 1	95.13	Sept. 21	98.04	Dec. 8	96.82
Mar. 22	95.35	July 6	95.38				

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: 1946-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	197.57	229.33	228.40	229.69	.....	229.72	232.89	232.34	230.84	231.75	229.85	231.15
2	215.92	231.29	229.05	229.49	.....	230.30	231.97	232.42	230.35	232.40	231.49	230.12
3	221.70	230.75	228.62	225.48	.....	229.76	230.88	233.06	231.75	232.80	230.34	231.62
4	223.16	229.68	230.10	225.31	230.10	229.46	210.00	232.93	230.77	231.42	226.85	229.93
5	224.11	229.70	230.92	225.25	231.65	230.19	196.21	233.22	230.37	232.85	226.73	228.35
6	226.37	229.00	231.15	229.69	232.42	229.51	191.87	233.20	216.90	233.35	226.58	230.00
7	227.75	229.86	230.45	229.08	232.62	230.16	224.00	233.54	226.58	232.20	226.13	229.72
8	227.38	228.85	229.53	230.73	232.86	231.75	220.05	233.59	227.45	231.15	226.20	225.40
9	226.69	228.63	229.58	230.88	232.86	232.27	226.00	233.65	227.68	230.99	229.75	230.60
10	226.16	228.56	230.36	229.28	232.82	231.26	225.95	233.70	227.60	226.75	227.76	228.73
11	225.64	224.04	229.40	229.64	234.31	232.90	227.45	231.23	228.02	232.10	231.08	223.62
12	225.31	214.76	229.80	230.47	234.45	232.45	229.10	231.00	228.94	231.25	226.91	213.85
13	229.48	229.23	229.37	231.38	234.52	232.07	230.42	233.10	229.60	231.85	231.26	213.05
14	226.93	226.20	230.15	232.08	233.15	232.75	228.84	231.09	230.65	232.85	226.84	228.37
15	225.61	228.24	230.18	232.00	235.03	234.15	229.40	230.62	230.02	231.20	230.61	229.65
16	227.64	232.85	230.37	230.53	234.67	235.12	229.45	230.47	232.12	231.23	228.12	226.16
17	227.73	227.47	230.80	231.98	234.69	235.46	228.74	230.19	230.50	231.00	232.15	225.54
18	226.40	228.85	232.00	231.09	233.88	234.85	229.53	230.90	231.35	230.20	234.00	225.41
19	226.00	231.02	232.60	230.92	231.52	233.23	231.68	230.90	232.20	230.10	236.63	228.50
20	225.83	228.89	231.00	.....	230.36	232.00	231.85	231.45	230.05	231.08	236.87	229.70
21	226.85	228.65	229.72	231.35	230.13	231.83	229.84	231.32	229.25	227.98	227.68	225.37
22	227.43	230.18	231.05	231.06	230.01	232.19	230.35	231.25	228.96	232.55	227.14	227.00
23	227.67	228.85	230.65	229.62	229.84	232.20	231.60	230.30	228.25	230.85	224.00	228.50
24	227.74	228.70	230.80	229.45	231.15	231.69	231.20	231.45	229.42	230.70	225.87	201.60
25	227.58	228.56	230.18	229.41	229.77	231.82	231.05	230.38	229.62	232.13	226.34	193.25

Ou-77--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	228.95	228.46	230.33	229.68	229.98	232.94	231.00	230.85	229.69	231.85	222.50	187.00
27	230.68	228.30	232.24	229.57	230.28	232.52	232.55	230.50	231.00	231.80	226.65	209.23
28	228.62	228.90	227.50	229.88	230.26	232.83	230.45	230.28	231.55	229.73	226.86	214.00
29	231.20		230.74	.....	229.75	232.15	232.17	231.75	227.90	230.30	230.54	217.30
30	229.30		231.47	.....	229.65	231.10	231.65	231.55	231.40	229.82	231.45	218.28
31	228.84		230.36		230.37		231.20	230.10		230.10		219.78

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: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	142.87	May 2	143.96	Aug. 24	144.72	Nov. 2	144.68
Feb. 23	143.35	31	144.27	Sept. 19	144.57	30	144.91
Mar. 21	143.40	July 6	142.97				

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 72.40 below lsd, Nov. 30, 1955. Records available: 1947-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	69.95	May 2	70.05	Aug. 24	72.30	Nov. 2	71.72
Feb. 23	69.42	31	70.85	Sept. 19	72.24	30	72.40
Mar. 21	68.92	July 6	72.20				

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 106.21 below lsd, Sept. 21, 1955. Records available: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	104.45	May 3	103.99	Aug. 24	104.97	Nov. 1	102.24
Feb. 23	104.33	June 1	104.46	Sept. 21	106.21	29	106.20
Mar. 22	104.07	July 6	94.68				

Ou-96. U. S. 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, 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	99.17	May 3	94.17	July 6	94.97	Sept. 21	96.44
Feb. 23	101.86	June 1	95.16	Aug. 24	95.20	Nov. 2	96.76
Mar. 22	94.72						

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 123.35 below lsd, Nov. 29, 1955. Records available: 1946-55. Recording gage removed Aug. 15.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	May	June	July	Aug.	Sept.	Nov.
1	120.84	120.98	.....	121.60	122.13	.....	.....	h123.17
2	120.92	120.97	.....	121.59	122.16	.....	.....	.....
3	120.02	120.97	h120.87	121.58	122.21	.....	.....	.....
4	121.00	120.97	120.92	121.57	122.22	.....	.....	.....
5	120.88	120.97	120.95	121.53	122.20	.....	.....	.....
6	120.78	121.02	120.99	121.48	h122.15	.....	.....	.....
7	120.91	121.09	120.97	121.53	.....	.....	.....	.....
8	120.93	121.13	120.97	121.53	.....	.....	.....	.....
9	120.93	121.11	121.14	121.53	.....	.....	.....	.....
10	120.89	121.05	121.22	121.55	.....	.....	.....	.....
11	121.04	121.00	121.26	121.60	.....	.....	.....	.....
12	121.09	121.02	121.30	121.65	.....	.....	.....	.....
13	121.05	121.08	121.34	121.75	.....	.....	.....	.....
14	121.01	121.08	121.41	121.81	.....	.....	.....	.....
15	120.93	121.08	121.49	121.86	.....	h122.16	.....	.....
16	120.90	121.13	121.55	121.91	.....	.....	.....	.....
17	120.97	121.13	121.62	121.98	.....	.....	.....	.....
18	120.93	121.12	121.67	122.01	.....	.....	.....	.....
19	120.90	121.12	121.69	122.03	.....	.....	.....	.....
20	120.99	121.08	121.58	122.05	.....	.....	h122.37	.....

Ou-100--Continued.

Day	Jan.	Feb.	Mar.	May	June	July	Aug.	Sept.	Nov.
21	.....	120.95	120.95	121.59	122.07	.....	.....	.....	.....
22	.....	120.95	.....	121.64	122.05	.....	.....	.....	.....
23	.....	121.06	.....	121.67	122.05	.....	.....	.....	.....
24	h120.76	121.08	.....	121.53	122.07	.....	h122.25	.....	.....
25	120.90	121.08	.....	121.50	122.10	.....	.....	.....	.....
26	120.91	121.02	.....	121.47	122.13	.....	.....	.....	.....
27	120.89	121.00	.....	121.48	122.17	.....	.....	.....	.....
28	120.89	120.98	.....	121.46	122.13	.....	.....	.....	.....
29	120.92	.....	.....	121.53	122.13	.....	.....	.....	h123.35
30	120.94	.....	.....	121.53	122.14	.....	.....	.....	.....
31	120.94	.....	.....	121.55	.....	.....	.....	.....	.....

h Tape measurement.

Ou-120. S. H. Thatcher. 501 Speed Dr., 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 106.87 below lsd, Nov. 1, 1955. Records available: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	105.22	May 3	104.96	July 6	105.91	Sept. 20	106.09
Feb. 23	105.30	June 1	105.70	Aug. 24	105.88	Nov. 1	106.87
Mar. 22	104.65						

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. Highest water level 11.66 below lsd, June 11, 1953; lowest 23.63 below lsd, Sept. 22, 1954. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	21.01	May 3	18.88	Aug. 24	18.30	Nov. 1	20.48
Feb. 22	20.19	June 1	18.65	Sept. 21	21.72	29	20.77
Mar. 21	19.57	July 6	19.13				

Pointe Coupee Parish

PC-49. U. S. Geol. Survey. SW. cor. irregular sec. 32, T. 3 S., R. 7 E. Drilled observation well in sand of Pleistocene age, diameter 4 inches, depth 1,623 feet. Highest water level 3.00 below lsd, Apr. 17, 1955; lowest 23.96 below lsd, Nov. 24, 1955. Records available: 1955.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.50	11.98	.....	18.27	21.90	.....	22.90	22.88
2	5.66	11.99	.....	18.45	21.98	.....	23.06	22.52
3	h12.08	.....	5.81	12.06	.....	18.62	22.11	.....	23.28	22.36
4	5.95	12.17	.....	18.78	22.18	h23.94	23.43	22.20
5	6.07	12.26	.....	18.89	22.25	23.87	23.57	22.05
6	6.21	12.33	.....	18.93	22.38	23.81	23.68	21.86
7	6.34	12.39	.....	18.94	22.51	23.78	23.74	21.75
8	6.49	12.41	.....	19.00	22.64	23.77	23.80	21.74
9	6.68	12.44	.....	19.13	22.12	23.70	23.81	21.75
10	6.88	12.43	.....	19.28	22.75	23.61	23.81	21.81
11	h3.80	7.10	12.44	h17.61	19.46	22.78	23.52	23.81	21.92
12	7.32	12.80	17.77	19.70	22.82	23.43	23.80	22.03
13	7.65	13.08	17.96	19.93	22.86	23.37	23.76	22.12
14	h3.18	.....	13.31	18.08	.....	22.90	23.20	23.71	22.18
15	3.07	13.63	18.25	.....	22.98	22.77	23.70	22.18
16	3.01	.....	13.88	18.35	.....	23.11	22.28	23.70
17	3.00	.....	14.12	18.37	h20.72	23.23	21.84	23.72
18	3.05	.....	14.33	18.37	20.83	.....	21.49	23.74
19	9.98	3.17	.....	14.37	18.24	20.93	.....	.....	21.32	23.78
20	9.89	3.33	.....	.....	18.10	21.02	.....	.....	21.23	23.81
21	9.70	3.52	.....	.....	18.01	21.10	.....	21.22	23.84	.....
22	9.57	3.72	.....	.....	17.95	21.19	.....	21.25	23.90	.....
23	9.35	3.91	.....	.....	17.93	21.27	.....	21.39	23.92	.....
24	9.05	4.15	h12.27	14.88	17.93	21.35	.....	21.60	23.96	.....
25	8.72	4.38	12.28	14.91	17.94	21.46	.....	21.75	23.92	.....

PC-49--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	8.42	4.61	12.28	.....	17.96	21.60	.....	21.89	23.84	.....
27	8.06	4.80	12.27	.....	17.98	21.67	.....	22.06	23.70	.....
28	7.67	5.00	12.23	.....	18.01	21.78	.....	22.20	23.56	.....
29	7.30	5.20	12.14	.....	18.08	21.90	.....	22.34	23.38	23.13
30	6.96	5.36	12.05	.....	18.12	21.86	.....	22.53	23.16	23.28
31	6.46	.....	12.00	.....	18.18	21.95	.....	22.75	.....	23.44

h Tape measurement.

Rapides Parish

R-21. City of Alexandria. Fourth and St. James Sts. Drilled unused artesian well in Catahoula formation, diameter 6 inches, depth 606 feet. Land-surface datum is 75.75 feet above msl. Highest water level 63.34 below lsd, June 1, 1955; lowest 168.81 below lsd, Aug. 24, 1943. Records available: 1938-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	66.60	May 2	64.02	Aug. 23	66.07	Nov. 1	69.28
Feb. 21	65.43	June 1	63.34	Sept. 19	70.82	Dec. 6	67.70
Mar. 21	64.86	July 5	68.53				

R-26. Missouri Pacific RR. North 13th St., Alexandria. T. 4 N., R. 1 W. Drilled unused artesian well in 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: 1938-55. Recording gage removed Oct. 11.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	94.37	92.41	90.92	91.22	90.99	102.54	107.52	100.15	96.66	96.78	.....	.....
2	94.15	92.39	90.88	91.31	91.02	103.14	107.62	99.65	96.56	96.72	.....	.....
3	94.02	92.38	90.84	91.28	91.05	103.77	107.59	99.33	96.50	96.52	.....	.....
4	93.83	92.32	90.78	91.23	91.35	104.28	107.33	99.03	96.57	96.25	.....	.....
5	93.65	92.04	90.76	91.16	91.44	104.67	107.10	98.82	96.49	96.09	.....	.....
6	93.54	91.63	90.78	91.10	91.80	104.97	107.15	98.46	96.22	95.98	.....	.....
7	93.52	91.69	90.73	91.08	91.92	105.22	107.68	98.20	95.95	95.87	.....	.....
8	93.50	91.68	90.64	91.07	91.76	105.46	107.65	97.95	95.85	95.74	.....	.....
9	93.39	91.62	90.55	90.98	91.58	102.55	107.78	97.75	95.82	95.54	.....	.....
10	93.22	91.55	90.52	90.79	91.48	102.57	108.00	97.63	95.79	95.32	.....	.....
11	92.97	91.58	90.62	90.55	91.49	104.04	108.78	97.54	95.80	95.14	.....	.....
12	92.88	91.55	90.83	90.27	91.49	104.80	108.93	97.53	95.76	.....	.....	.....
13	92.84	91.51	91.09	89.80	91.47	105.17	109.14	97.53	95.70	.....	.....	.....
14	92.97	91.42	91.24	89.73	91.41	105.14	109.31	97.52	95.78	.....	.....	.....
15	92.91	91.35	91.36	89.72	91.33	105.45	109.31	97.36	95.87	.....	.....	.....
16	92.92	91.31	91.47	89.72	91.20	105.68	109.44	97.25	96.00	.....	.....	.....
17	92.88	91.39	91.50	89.75	91.00	105.85	109.73	97.30	96.19	.....	.....	.....
18	92.86	91.46	91.57	89.71	90.95	106.02	109.81	97.40	96.39	.....	.....	.....
19	92.74	91.53	91.60	89.67	90.96	106.15	109.91	97.52	96.43	.....	.....	.....
20	92.80	91.58	91.67	89.68	90.92	106.24	110.20	97.61	96.52	.....	.....	.....
21	92.77	91.58	91.62	89.75	90.90	105.24	110.18	97.75	96.67	.....	.....	.....
22	92.85	91.49	91.74	89.90	90.90	105.59	110.63	97.61	96.80	.....	.....	.....
23	92.85	91.45	91.59	90.13	90.78	106.00	110.58	97.49	96.93	.....	.....	.....
24	92.73	91.45	91.48	90.30	90.60	106.90	110.00	97.43	96.99	.....	.....	h94.40
25	92.65	91.40	91.38	90.33	90.70	107.17	109.97	97.44	97.04	.....	.....	.....
26	92.57	91.23	91.50	90.37	93.68	107.27	106.79	97.46	96.96	.....	.....	.....
27	92.53	91.10	91.49	90.43	96.84	107.35	104.80	97.45	96.92	h94.88	.....	.....
28	92.48	90.98	91.31	90.54	98.82	107.40	103.27	97.40	96.88	.....	h94.99	.....
29	92.49	.....	91.20	90.80	100.27	107.45	102.22	97.23	96.83	.....	.....	.....
30	92.51	.....	91.17	90.90	101.20	107.50	101.35	97.07	96.82	.....	.....	.....
31	92.50	.....	91.19	.....	101.85	.....	100.73	96.88	.....	.....	.....	.....

h Tape measurement.

R-35. Pine Products Co. Alexandria. Drilled industrial artesian well in 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: 1938-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	95.98	May 2	98.39	Aug. 23	108.55	Nov. 1	104.19
Feb. 21	95.82	June 1	98.78	Sept. 19	109.75	Dec. 6	104.91
Mar. 21	100.72	July 5	100.45				

R-135. Arbuthnot Sawmill. Zimmerman. Drilled domestic artesian well in Catahoula formation, diameter 4 to 2 inches, depth 450 feet. Highest water level 5.52 below lsd, Feb. 26, 1948; lowest 40.47 below lsd, Nov. 4, 1955. Records available: 1938-44, 1947-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	37.18	May 6	35.08	Aug. 23	32.19	Nov. 4	40.47
Feb. 25	36.36	June 3	34.67	Sept. 23	32.11	Dec. 8	40.07
Mar. 25	35.49						

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. Measurement discontinued.

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: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	13.59	May 2	9.81	Aug. 23	11.80	Nov. 1	11.94
Feb. 21	11.92	June 1	9.43	Sept. 19	13.03	Dec. 6	12.02
Mar. 21	12.36	July 5	11.84				

R-567. A. J. Ashmore. NE $\frac{1}{4}$ SE $\frac{1}{4}$ 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: 1953-55. Measurement discontinued.

Daily noon water level from recorder graph

Jan. 18	13.01	Jan. 21	12.83	Jan. 24	12.67	Jan. 26	12.59
19	12.97	22	12.77	25	12.63	Feb. 9	9.78
20	12.90	23	12.72				

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 51.95 below lsd, Nov. 17, 1955. Records available: 1954-55. Recording gage removed Nov. 18.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	51.20	51.36	.....	.....	51.46	51.58	h51.59	51.63	51.70	.....	51.65	.....
2	51.38	51.35	.....	.....	51.45	51.52	51.65	51.63	51.62	.....	51.64	.....
3	51.31	51.47	.....	.....	51.49	51.49	51.67	51.79	51.61	51.70	51.80	.....
4	51.24	51.29	.....	.....	51.48	51.47	51.65	51.82	51.69	51.65	51.68	.....
5	51.17	51.13	.....	.....	51.44	51.45	51.61	51.81	51.70	51.60	51.54	.....
6	51.38	51.42	.....	.....	51.42	51.48	51.58	51.80	51.61	51.67	51.54	.....
7	51.29	51.55	.....	.....	51.41	51.52	51.60	51.68	51.60	51.75	51.74	.....
8	51.24	51.47	.....	.....	51.46	51.57	51.63	51.53	51.65	51.75	51.72	.....
9	51.18	51.36	.....	.....	51.49	51.54	51.66	51.58	51.69	51.70	51.64	.....
10	51.40	51.18	.....	.....	51.53	51.51	51.63	51.63	51.64	51.69	51.57	.....
11	51.38	51.79	.....	.....	51.44	51.50	51.60	51.58	51.63	51.65	51.64	.....
12	51.32	51.85	.....	.....	51.42	51.56	51.62	51.54	51.69	51.57	51.73	.....
13	51.41	51.65	.....	51.14	51.40	51.56	51.63	51.61	51.69	51.67	51.85	.....
14	51.20	51.40	.....	51.42	51.41	51.59	51.66	51.70	51.70	51.65	51.72	.....
15	51.24	51.29	.....	51.53	51.43	51.56	51.63	51.70	51.69	51.63	51.57	.....
16	51.30	51.34	.....	51.45	.....	51.57	51.63	51.64	51.63	51.57	51.79	.....
17	51.26	51.42	.....	51.49	.....	51.52	51.64	51.61	51.65	51.72	51.95	.....
18	51.05	51.58	.....	51.45	.....	51.51	51.68	51.69	51.64	51.75	51.67	.....
19	51.68	51.41	.....	51.39	.....	51.56	51.68	51.70	51.67	51.82	.....	.....
20	51.48	.....	.....	51.36	.....	51.56	51.66	51.70	51.63	51.81	.....	.....
21	51.26	.....	.....	51.41	.....	51.54	51.57	51.69	51.64	51.72	.....	.....
22	51.40	.....	.....	51.35	.....	51.57	51.58	51.66	51.60	51.69	.....	.....
23	51.38	.....	.....	51.17	h51.63	51.59	51.58	51.62	51.61	51.67	.....	.....
24	51.38	.....	.....	51.36	51.54	51.57	51.60	51.61	51.68	51.75	.....	.....
25	51.57	.....	.....	51.50	51.50	.....	51.65	51.63	51.61	51.67	.....	.....
26	51.43	.....	.....	51.51	51.48	.....	51.70	51.63	51.66	51.62	.....	.....
27	51.36	.....	.....	51.37	51.58	.....	51.63	51.58	51.70	51.60	.....	.....
28	51.37	.....	.....	51.41	51.59	.....	51.59	51.66	51.71	51.48	.....	.....
29	51.48	.....	.....	51.60	51.61	.....	51.66	51.67	51.72	51.66	.....	.....
30	51.41	.....	.....	51.53	51.55	.....	51.65	51.66	51.67	51.70	.....	.....
31	51.30	.....	.....	.....	51.50	.....	51.64	51.70	51.69	51.69	.....	.....

h Tape measurement.

Red River Parish

RR-A-4. U. S. Geol. Survey. Irregular sec. 22, T. 12 N., R. 10 W. Bored observation water-table well in sand of Recent age, diameter $1\frac{1}{4}$ inches, depth 43 feet, screen 40-43. Land-surface datum is 129.2 feet above msl. Highest water level 16.79 below lsd, June 2, 1955; lowest 19.85 below lsd, Feb. 2, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 20, 1954	17.15	Dec. 16, 1954	19.55	Apr. 7, 1955	18.78	Oct. 3, 1955	17.97
22	19.00	Jan. 12, 1955	19.72	May 4	17.56	Nov. 2	18.43
Nov. 2	19.15	Feb. 2	19.85	June 2	16.79	30	18.81
11	19.26	14	19.44	July 4	17.56	Dec. 15	18.79
Dec. 4	19.56	28	19.40	Aug. 1	17.48	28	18.90
8	18.46						

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. 5, 1953. Records available: 1950-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	38.53	38.42	38.44	38.04	38.40	38.28	38.60	37.74	38.18	38.32	38.78	38.56
2	38.55	38.47	38.39	38.14	38.42	38.36	38.60	37.84	38.20	38.34	38.72	38.34
3	38.68	38.58	38.36	38.22	38.31	38.39	.....	37.94	38.30	38.32	38.70	38.37
4	.....	38.64	38.29	38.21	38.45	38.38	.....	37.98	38.37	38.30	38.65	38.37
5	38.75	38.53	38.20	38.06	38.37	38.40	.....	37.51	.....	38.29	38.58	38.34
6	38.78	38.19	38.24	38.17	38.44	38.41	.....	38.08	.....	38.24	38.52	37.80
7	38.52	38.12	38.13	38.15	38.50	38.45	.....	38.09	38.26	38.26	38.21	38.26
8	38.70	38.16	38.36	38.16	38.56	38.49	.....	38.09	38.23	38.26	38.40	38.36
9	38.65	38.34	38.29	38.21	38.60	38.50	.....	37.98	38.31	38.24	38.44	38.51
10	38.69	38.34	38.30	38.02	38.65	38.38	.....	38.06	38.27	38.32	38.42	38.49
11	38.84	38.32	38.24	38.01	38.70	38.46	.....	38.09	38.29	38.28	38.41	38.43
12	37.97	38.48	38.20	37.88	38.60	38.46	.....	38.03	38.30	38.27	38.33	38.46
13	38.53	38.57	38.16	37.93	38.60	38.53	38.44	38.02	38.34	38.31	38.43	38.50
14	38.66	38.58	38.26	37.86	38.66	38.21	38.48	38.12	38.34	38.31	38.40	h38.60
15	38.46	38.52	38.20	37.92	38.62	38.55	38.38	38.25	38.32	38.34	38.41	.....
16	36.51	38.22	38.41	37.92	38.66	38.63	38.26	38.23	38.29	38.32	38.34	.....
17	35.49	38.44	38.37	38.10	38.55	38.61	38.17	38.22	38.27	38.33	38.48	.....
18	36.95	38.31	38.27	38.08	38.74	38.54	38.18	38.18	38.30	38.41	38.50	.....
19	35.68	38.41	38.34	38.02	38.69	38.57	38.18	38.35	38.31	38.28	38.54	.....
20	36.03	38.35	38.16	38.06	38.24	38.57	38.19	38.28	38.32	38.55	38.54	.....
21	37.48	38.34	38.15	38.08	38.37	38.59	36.84	38.29	38.34	38.72	38.44	h38.58
22	37.79	38.25	38.12	38.20	38.41	38.63	35.99	38.33	38.38	38.64	38.39	.....
23	37.98	38.25	38.34	38.22	38.45	38.72	37.69	38.33	38.34	38.67	38.41	.....
24	37.97	38.22	38.20	38.18	38.42	38.66	37.86	38.23	38.40	38.70	38.44	.....
25	38.18	38.26	38.23	38.21	38.47	38.67	37.93	38.23	38.39	38.68	38.42	.....
26	38.38	38.42	38.14	38.20	38.42	38.67	37.18	38.22	38.41	38.68	38.44	.....
27	38.30	38.30	38.14	38.18	38.47	38.68	37.95	38.05	38.36	38.67	38.43	.....
28	38.45	38.35	38.23	38.28	38.34	38.68	37.99	38.15	38.39	38.59	38.53	h38.70
29	38.40		38.24	38.33	38.50	38.61	38.02	38.12	38.34	38.66	38.64	.....
30	38.44		38.14	38.32	38.50	38.58	37.94	38.18	38.34	38.64	38.66	.....
31	38.48		38.15		38.34		37.91	38.17		38.70		.....

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: 1944-55. Mar. 15, 48.59; Aug. 29, 49.48.

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 49.92 below lsd, Aug. 31, 1955. Records available: 1944-55. Mar. 15, 49.18; Aug. 31, 49.92.

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: 1944-55. Mar. 14, 19.64; Aug. 29, 20.55.

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: 1944-55. Mar. 14, 73.19; Aug. 29, 78.35.

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: 1944-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 16	72.70	July 1	100.23	Oct. 4	82.56	Nov. 22	78.89
Apr. 11	71.32	25	89.14	25	81.44	Dec. 30	75.91
May 24	84.84	Aug. 31	88.22				

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 40.73 below lsd, Aug. 29, 1955. Records available: 1949-55. Mar. 14, 39.66; Aug. 29, 40.73.

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 $\frac{1}{2}$ inches, depth 77 feet. Land-surface datum is 46.51 feet above msl. Highest water level 12.94 below lsd, Mar. 15, 1954; lowest 19.43 below lsd, Sept. 14, 1954. Records available: 1954-55. Mar. 14, 13.36; Aug. 29, 16.25.

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 72.57 below lsd, Aug. 29, 1955. Records available: 1949-55. Mar. 14, 71.69; Aug. 29, 72.57.

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 67.16 below lsd, Aug. 29, 1955. Records available: 1948-55. Mar. 14, 65.34; Aug. 29, 67.16.

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: 1950-55. Mar. 14, 18.12; Aug. 29, 19.58.

SL-127. Pan-American Production Co. Sec. 4, T. 6 S., R. 5 E. Drilled 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: 1950-55. Mar. 14, 5.66; Aug. 29, 9.07.

SL-129. Roy Horecky. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 3 S., R. 4 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 24 to 10 inches, depth 160 feet. Land-surface datum is 42.95 feet above msl. Highest water level 11.84 below lsd, Mar. 15, 1954; lowest 14.74 below lsd, Aug. 29, 1955. Records available: 1954-55. Mar. 15, 1954, 11.84; Mar. 14, 1955, 11.97; Aug. 29, 14.74.

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. Highest water level 4.56 below lsd, Mar. 14, 1955; lowest 18.15 below lsd, Sept. 17, 1954. Records available: 1954-55. Mar. 14, 4.56; Aug. 29, 16.11.

SL-163. Lester Woods. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 4 S., R. 5 E. Drilled domestic and stock artesian well in sand of Pleistocene age, diameter 1 $\frac{1}{2}$ inches, depth 170 feet. Land-surface datum is 32.6 feet above msl. Highest water level 15.57 below lsd, Mar. 15, 1954; lowest 19.06 below lsd, Sept. 14, 1954. Records available: 1954-55. Mar. 15, 1954, 15.57; Sept. 14, 19.06; Mar. 14, 1955, 16.67; Aug. 29, 17.51.

SL-170. L. B. Boudreaux. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, T. 5 S., R. 7 E. Drilled unused artesian well in sand of Recent age, diameter 2 inches, depth 181 feet, screen 171-181. Land-surface datum is 28.01 feet above msl. Highest water level 5.55 above lsd, Apr. 14, 1955; lowest 19.83 below lsd, Dec. 31, 1955. Records available: 1955.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 9	-13.23	Mar. 14	-1.85	May 24	-9.32	Oct. 4	-19.35
18	-9.74	Apr. 14	+5.55	July 11	-14.17	Dec. 31	-19.83
Mar. 3	-4.26	28	+5.1	Aug. 29	-18.32		

SL-171. U. S. Geol. Survey. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, T. 3 S., R. 6 E. Drilled observation well in sand of Recent age, diameter 4 inches, depth 87 feet. Highest water level 1.66 below lsd, Apr. 15, 1955; lowest 17.22 below lsd, Nov. 24, 1955. Records available: 1955.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.64	4.22	4.08	7.18	....	11.45	11.90	....	16.46	16.55
2	5.65	4.11	4.32	7.38	....	11.44	10.59	....	16.55	14.80
3	5.60	4.10	4.50	7.60	....	11.51	10.59	....	16.70	14.06
4	5.54	4.04	4.67	7.75	....	11.68	10.70	h15.70	16.75	13.05
5	5.50	4.02	4.84	7.91	....	11.87	9.01	15.72	16.84	12.07
6	5.44	3.98	4.49	8.11	....	11.98	8.88	15.76	16.91	11.84
7	5.44	3.98	5.19	8.30	....	12.07	9.01	15.78	16.93	11.85
8	5.43	3.98	5.35	8.43	....	12.18	9.29	15.85	17.00	12.10
9	5.35	3.33	5.55	8.28	....	12.30	9.60	15.88	17.02	12.42
10	5.30	2.54	5.77	8.27	....	12.46	9.93	15.92	17.02	12.68
11	5.28	2.15	5.98	8.47	h12.93	12.63	10.32	15.93	17.04	12.96
12	5.29	1.80	6.08	8.71	13.04	12.83	10.52	15.93	17.05	13.21
13	5.29	1.69	6.20	8.95	13.17	13.05	10.81	15.95	17.05	13.42
14	5.33	1.68	6.46	9.14	12.20	....	11.10	15.96	17.05	13.60
15	5.31	1.66	6.72	9.35	11.05	....	11.37	15.85	17.04	13.80
16	5.32	1.69	6.89	9.62	10.95	....	11.64	15.65	17.04	13.92
17	5.33	1.76	....	9.87	11.00	h13.81	11.93	15.52	17.06	13.99
18	5.31	1.85	....	10.11	10.52	13.99	12.20	15.36	17.08	13.95
19	5.27	1.96	....	10.30	10.45	14.16	12.47	15.28	17.12	13.50
20	5.23	2.11	....	10.51	10.54	14.30	12.72	15.24	17.14	13.49
21	5.13	2.25	....	10.67	10.62	14.45	13.00	15.25	17.16	13.54
22	5.24	2.41	....	10.82	10.73	14.58	13.19	15.30	17.17	13.63
23	5.15	2.52	5.65	10.97	10.84	14.71	13.36	15.41	17.18	13.78
24	5.05	2.71	5.78	11.07	10.97	14.84	13.54	15.54	17.22	14.01
25	4.91	2.94	5.93	....	11.10	14.98	13.74	15.64	17.09	....
26	4.95	3.17	6.11	....	11.25	15.10	13.94	15.75	16.98	....
27	4.90	3.32	6.27	....	11.40	15.20	14.11	15.88	16.92	....
28	4.71	3.50	6.45	....	11.45	15.19	14.24	15.98	16.90	13.66
29	4.62	3.75	6.61	....	11.55	15.30	14.38	16.08	16.83	13.83
30	4.53	3.93	6.78	....	11.51	15.38	14.51	16.22	16.73	14.00
31	4.39	....	6.97	....	11.39	14.55	....	16.36	....	14.16

h Tape measurement.

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: 1944-55. Mar. 15, 24.96; Aug. 29, 26.10.

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: 1944-55. Mar. 14, 7.90; Aug. 29, 9.23.

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: 1944-55. Mar. 14, 17.04; Aug. 29, 18.45.

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: 1944-55. Mar. 14, 7.00; Aug. 29, 9.05.

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: 1944-55. Mar. 15, 7.87; Aug. 30, 8.95.

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: 1947-55. Mar. 15, 5.69; Aug. 30, 7.16.

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 17.75 feet above msl. Highest water level 5.35 below lsd, Mar. 20, 1950; lowest 14.72 below lsd, Sept. 16, 1954. Records available: 1949-55. Mar. 14, 11.13; Aug. 29, 11.27.

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 91.3 above lsd, Sept. 5, 1941; lowest 74.3 above lsd, Sept. 11, 1950. Records available: 1939-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13	+77.2	June 8	+77.5	Sept. 8	+77.2	Nov. 9	+77.67
Feb. 3	+77.7	July 14	+77.5	Oct. 4	+77.2	Dec. 14	+77.67
Apr. 6	+77.9	Aug. 10	+77.5				

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 24.1 above lsd, Dec. 14, 1955. Records available: 1939-55.

Jan. 13	+28.2	June 8	+27.0	Sept. 7	+27.3	Nov. 7	+27.9
Feb. 3	+28.4	July 13	+32.0	Oct. 4	+26.1	Dec. 14	+24.1
Apr. 6	+28.2	Aug. 9	+26.8				

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: 1939-55.

Jan. 13	+50.5	June 8	+47.35	Sept. 7	+46.3	Nov. 7	+40.09
Feb. 3	+51.6	Aug. 9	+46.99	Oct. 4	+40.55	Dec. 14	+35.27
Apr. 6	+50.5						

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: 1939-55.

Jan. 13	+27.4	June 8	+24.1	Sept. 8	+28.9	Nov. 9	+23.7
Feb. 3	+24.0	Aug. 10	+24.9	Oct. 5	+23.9	Dec. 14	+23.0
Apr. 6	+24.8						

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 62.3 above lsd, Dec. 14, 1955. Records available: 1950-55.

Jan. 13	+80.7	June 8	+81.7	Sept. 8	+78.6	Nov. 9	+75.84
Feb. 3	+80.8	July 14	+76.1	Oct. 4	+74.0	Dec. 14	+62.3
Apr. 6	+81.7	Aug. 10	+76.5				

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: 1947-55.

Jan. 13	+15.9	June 8	+16.8	Sept. 7	+15.9	Nov. 7	+14.5
Feb. 3	+15.2	July 13	+14.3	Oct. 4	+14.0	Dec. 14	+13.8
Apr. 6	+16.0	Aug. 9	+15.6				

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 7.7 above lsd, Nov. 15, 1955. Records available: 1942, 1944-55.

Jan. 13	+11.80	Apr. 7	+11.8	Sept. 8	+9.8	Nov. 15	+7.7
Feb. 3	+12.5	June 8	+10.7	Oct. 5	+9.0	Dec. 14	+8.0

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 7.1 above lsd, Dec. 14, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13	+9.1	June 8	+8.9	Sept. 8	+9.4	Nov. 9	+7.5
Feb. 3	+9.1	July 14	+9.1	Oct. 5	+7.5	Dec. 14	+7.1
Apr. 6	+9.1	Aug. 10	+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 81.03 above lsd, Dec. 14, 1955. Records available: 1953-55.

Jan. 13	+93.9	June 8	+92.3	Sept. 8	+90.7	Nov. 9	+85.2
Feb. 3	+93.9	July 14	+90.6	Oct. 5	+84.7	Dec. 14	+81.03
Apr. 6	+94.5	Aug. 10	+91.2				

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: 1939-55.

Jan. 11	+8.50	June 7	+5.70	Sept. 9	+7.8	Nov. 14	+7.3
Feb. 2	+8.8	July 15	+5.70	Oct. 6	+7.8	Dec. 12	+6.6
Apr. 5	+7.2	Aug. 11	+7.3				

Ta-17. Carl Blumquist. Center of 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. Measurement discontinued.

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: 1939-55.

Jan. 11	+18.2	June 7	+14.84	Sept. 9	+15.7	Nov. 7	+17.2
Feb. 2	+18.5	July 15	+14.8	Oct. 6	+16.4	Dec. 12	+18.1
Apr. 5	+16.2	Aug. 10	+17.7				

Ta-21. Burns Davis. N $\frac{1}{2}$ irregular 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. Measurement discontinued.

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. Measurement discontinued.

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 1.20 above lsd, July 15, 1955. Records available: 1939-55.

Jan. 11	+4.72	June 6	+2.23	Sept. 9	+2.80	Nov. 14	+2.60
Feb. 1	+4.90	July 15	+1.20	Oct. 6	+2.90	Dec. 12	+3.90
Apr. 5	+3.43	Aug. 11	+3.60				

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: 1945-55.

Jan. 11	+13.0	June 7	+8.6	Sept. 9	+12.3	Nov. 7	+11.5
Feb. 2	+13.2	July 15	+9.3	Oct. 6	+11.4	Dec. 12	+12.3
Apr. 5	+10.9	Aug. 10	+12.6				

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 67.54 above lsd, Dec. 13, 1955. Records available: 1951-55.

Jan. 12	+78.7	June 7	+77.52	Sept. 8	+77.2	Nov. 9	+71.22
Feb. 2	+78.7	July 14	+76.82	Oct. 5	+69.61	Dec. 13	+67.54
Apr. 5	+78.2	Aug. 10	+77.43				

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 94.63 above lsd, Dec. 13, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11	+100.6	June 7	+100.58	Sept. 8	+100.8	Nov. 9	+94.86
Feb. 2	+104.5	Aug. 10	+103.37	Oct. 6	+98.08	Dec. 13	+94.63
Apr. 5	+101.7						

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 100.37 above lsd, Dec. 12, 1955. Records available: 1952-55.

Jan. 11	+108.11	June 7	+105.40	Sept. 9	+106.35	Nov. 7	+101.52
Feb. 2	+115.8	July 15	+110.95	Oct. 6	+101.29	Dec. 12	+100.37
Apr. 5	+114.65	Aug. 11	+110.26				

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 20.94 above lsd, Dec. 13, 1955. Records available: 1954-55.

Jan. 12	+30.75	June 7	+30.1	Sept. 8	+31.25	Nov. 9	+25.00
Feb. 2	+31.35	July 14	+31.55	Oct. 5	+23.24	Dec. 13	+20.94
Apr. 5	+30.75	Aug. 10	+31.05				

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, Jan. 12, Feb. 2, Apr. 5, 1955; lowest 67.36 above lsd, Dec. 12, 1955. Records available: 1954-55.

Jan. 12	+78.7	June 7	+77.11	Sept. 8	+76.33	Nov. 9	+71.27
Feb. 2	+78.7	July 14	+75.73	Oct. 5	+71.04	Dec. 12	+67.36
Apr. 5	+78.7	Aug. 10	+76.56				

Tensas Parish

Ts-6. E. R. McDonald, Newellton. Irregular sec. 4, T. 13 N., R. 12 E. Drilled irrigation artesian well in sand of Recent age, diameter 8 inches, depth 94 feet. Highest water level 10.94 below lsd, June 16, 1953; lowest 16.10 below lsd, Jan. 13, 1954. Records available: 1953-55. Measurement discontinued.

June 16, 1953	10.94	Dec. 15, 1953	16.03	Apr. 6, 1954	15.35	June 30, 1954	14.55
Oct. 20	15.15	Jan. 13, 1954	16.10	May 5	14.30	Feb. 22, 1955	15.41
Nov. 24	15.88	Mar. 9	15.85	June 2	14.55		

Ts-7. Mrs. Wactor. Newlight. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 13 N., R. 10 E. Drilled artesian well in sand of Recent age, depth 87 feet. Highest water level 29.50 below lsd, June 23, 30, July 7, 14, 1953; lowest 33.60 below lsd, Oct. 6, 1954. Records available: 1953-55.

June 10, 1953	29.53	Oct. 27, 1953	32.08	Mar. 9, 1954	32.62	July 22, 1954	32.82
16	29.53	Nov. 3	32.18	16	32.75	29	32.95
23	29.50	10	32.32	23	32.78	Aug. 4	33.00
30	29.50	17	32.35	30	32.78	11	33.10
July 7	29.50	24	32.41	Apr. 6	32.80	18	33.14
14	29.50	Dec. 1	32.48	13	32.83	24	33.20
21	29.55	9	32.55	20	32.86	31	33.30
27	29.72	15	32.56	27	32.83	Sept. 8	33.36
Aug. 4	30.00	22	32.60	May 5	32.68	16	33.42
10	30.34	29	32.64	11	32.41	23	33.50
18	30.68	Jan. 5, 1954	32.71	19	32.15	Oct. 1	33.50
25	30.86	13	32.75	26	32.00	6	33.60
Sept. 1	31.03	19	32.74	June 2	31.88	Feb. 22, 1955	33.15
8	31.23	26	32.78	9	31.90	Mar. 22	32.85
15	31.35	Feb. 2	32.60	16	31.86	June 2	31.62
22	31.56	10	32.48	23	32.10	Aug. 24	32.28
29	31.70	16	32.49	30	32.30	Sept. 21	32.64
Oct. 6	31.80	23	32.58	July 7	32.54	Nov. 3	33.14
13	31.90	Mar. 1	32.62	14	32.67	Dec. 7	33.21
20	32.00						

Ts-8. E. R. McDonald. Irregular sec. 4, T. 13 N., R. 12 E. Drilled irrigation artesian well in sand of Recent age, diameter 22 inches. Highest water level 14.51 below lsd, June 2, 1955; lowest 16.55 below lsd, Dec. 7, 1955. Records available: 1955. Feb. 22, 15.41; Mar. 22, 15.29; June 2, 14.51; Aug. 24, 14.54; Sept. 21, 15.24; Nov. 3, 16.40; Dec. 7, 16.55.

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. Land-surface datum is 17.43 feet above msl. Highest water level 19.68 below lsd, Mar. 16, 1954; lowest 30.30 below lsd, Sept. 15, 1954. Records available: 1954-55. Mar. 16, 29.20.

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: 1944-55. Mar. 16, 25.74; Aug. 30, 27.30.

Ve-28. U. S. 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: 1944-55. Mar. 15, 6.89; Aug. 30, 7.48.

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: 1946-55. Mar. 15, 6.22; Aug. 30, 6.67.

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. Land-surface datum is 24.91 feet above msl. Highest water level 21.62 below lsd, July 9, 1953; lowest 35.36 below lsd, Sept. 16, 1954. Records available: 1953-55. Mar. 16, 32.04; Aug. 30, 34.48.

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: 1944-55. Mar. 16, 12.77.

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 10 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: 1944-55. Mar. 15, 12.36; Aug. 30, 14.20.

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: 1945-55. Mar. 16, 17.16; Aug. 31, 18.97.

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: 1945-55. Mar. 16, 17.59; Apr. 12, 17.18; Aug. 31, 21.98.

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: 1946-55. Mar. 16, 22.27; Aug. 31, 22.85.

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: 1948-55. Mar. 16, 13.71; Aug. 31, 15.85.

Ve-169. Germain Beris. Sec. 1, T. 12 S., R. 4 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 18 to 8 inches, depth 217 feet, screen 134-214. Land-surface datum is 21.28 feet above msl. Highest water level 20.73 below lsd, Mar. 17, 1954; lowest 24.41 below lsd, Aug. 30, 1955. Records available: 1953-55. July 28, 1953, 22.97; Sept. 30, 21.97; Mar. 17, 1954, 20.73; Sept. 16, 24.07; Mar. 15, 1955, 22.16; Aug. 30, 24.41.

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. Measurement discontinued.

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. Measurement discontinued.

Ve-218. Allibiade 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 1½ 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: 1950-55. Mar. 15, 12.02; Aug. 30, 12.61.

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. Land-surface datum is 0.04 foot above msl. Highest water level 3.04 above lsd, Feb. 7, 1951; lowest 8.52 below lsd, Sept. 16, 1954. Records available: 1951-55. Mar. 15, 5.87; Aug. 30, 6.23.

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, 1954-55. Mar. 15, 3.95; Aug. 31, 3.89.

Ve-298. Henry Abadie. NE¼SW¼ sec. 4, T. 12 S., R. 3 E. Drilled irrigation artesian well in sand of Pleistocene age, diameter 22 to 10 inches, depth 291 feet, screen 175-286. Land-surface datum is 18.73 feet above msl. Highest water level 20.85 below lsd, Mar. 15, 1954; lowest 30.77 below lsd, Sept. 13, 1954. Records available: 1953-55. Mar. 16, 22.77; Aug. 30, 23.74.

Ve-333. J. Herpin. SE¼NW¼ 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: 1948-55. Mar. 17, 24.44; Aug. 31, 28.76.

Ve-442. Robley Simon. NE¼NE¼ sec. 1, T. 13 S., R. 1 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 to 10 inches, depth 284 feet, screen 199-281. Land-surface datum is 5.42 feet above msl. Highest water level 11.97 below lsd, Mar. 18, 1954; lowest 18.56 below lsd, Sept. 14, 1954. Records available: 1954-55. Mar. 18, 1954, 11.97; Aug. 30, 14.74; Sept. 14, 18.56; Mar. 16, 1955, 13.33; Aug. 31, 14.27.

Ve-460. Acadia-Vermilion Rice Irrigation Co. NW¼NE¼ 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, 1950; lowest 20.65 below lsd, July 15, 1953. Records available: 1948-55. Mar. 16, 15.17; Apr. 12, 14.99; Aug. 31, 15.64.

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. Land-surface datum is 6.73 feet above msl. Highest water level 7.83 below lsd, Nov. 7, 1951; lowest 10.15 below lsd, Sept. 15, 1954. Records available: 1951, 1953-55. Mar. 15, 9.66.

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. Measurement discontinued.

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: 1950-55. Mar. 16, 13.68; Aug. 30, 14.06.

Ve-514. The Texas Co. SW¼NW¼ 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: 1950-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18.32	18.06	17.92	18.71	18.41	20.26	20.50	19.42	19.00	18.65	18.97	.....
2	18.49	18.19	18.00	18.74	18.40	20.70	20.54	19.25	18.95	18.74	19.05	h18.46
3	18.73	17.35	18.08	18.57	18.34	20.41	20.66	19.23	18.92	18.66	19.64	18.49
4	18.69	14.57	18.03	18.52	18.58	20.47	20.68	19.19	18.91	18.62	19.75	18.50
5	18.60	16.80	18.05	18.45	18.68	20.30	20.72	19.10	18.85	18.56	17.47	18.47
6	18.88	17.12	18.14	18.43	17.33	20.23	20.89	19.03	18.87	18.60	18.22	18.47
7	18.96	17.27	18.43	18.60	18.54	20.19	21.30	18.97	18.85	18.78	18.12	18.17
8	18.74	17.38	18.15	18.90	18.82	20.16	21.65	18.87	18.91	18.85	18.18	17.92
9	18.68	17.24	18.13	18.94	18.92	20.06	21.90	16.97	18.85	18.87	18.14	16.14
10	18.85	17.03	18.03	18.76	19.02	19.94	22.04	18.75	18.90	18.81	17.97	18.17

Ve-514--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	18.96	17.41	18.01	18.63	19.31	19.90	22.01	18.68	18.91	18.78	17.88	18.17
12	18.81	17.48	18.00	18.55	19.36	19.92	21.53	18.60	18.96	18.73	17.78	18.16
13	18.98	17.20	17.93	18.29	19.13	19.84	21.59	18.62	18.90	18.68	18.13	18.09
14	18.74	17.06	17.94	18.05	19.37	19.73	21.50	18.55	18.81	18.76	17.79	17.90
15	18.67	17.02	17.94	18.30	19.51	19.60	21.07	18.95	18.82	18.66	18.23	16.92
16	18.61	16.84	17.96	18.70	19.98	20.06	20.80	19.06	18.98	18.54	16.79	18.19
17	18.61	17.02	18.04	18.70	19.98	20.04	20.63	19.04	18.92	18.60	.....	18.00
18	18.45	17.64	17.78	18.62	19.99	20.00	20.45	18.98	18.88	18.68	.....	17.92
19	18.80	16.14	17.93	18.56	19.43	19.95	20.43	19.06	18.95	18.68	.....	18.05
20	18.76	17.93	17.90	17.72	19.44	19.93	20.43	19.02	18.86	18.61	.....	18.12
21	18.47	17.99	17.75	18.22	19.56	19.92	20.37	18.95	18.82	18.60	.....	17.96
22	18.45	18.03	18.16	16.55	19.62	19.88	20.23	18.96	18.75	18.58	.....	17.80
23	18.41	18.03	18.06	18.03	19.63	.....	20.19	18.93	18.62	18.55	.....	17.67
24	17.51	17.95	18.01	18.25	19.33	19.84	20.10	18.90	18.65	18.61	.....	17.55
25	17.46	17.75	17.97	17.70	19.37	19.88	20.01	18.93	18.74	18.65	.....	17.53
26	17.50	17.87	18.27	18.27	19.33	19.96	20.04	19.01	18.77	18.72	.....	17.65
27	17.08	17.90	17.10	18.08	19.32	20.02	19.97	19.28	18.76	18.63	.....	17.73
28	18.37	17.94	18.73	18.03	19.23	20.23	19.95	19.11	18.69	18.60	.....	17.66
29	18.47		18.58	18.35	19.53	20.32	18.85	19.04	18.60	18.64	.....	17.62
30	18.30		18.79	18.54	19.78	20.27	19.55	19.10	18.60	19.16	.....	17.94
31	17.41		18.77		19.25		19.48	19.07		18.34		18.21

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. Measurement discontinued.

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. Measurement discontinued.

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. Measurement discontinued.

Ve-556. Mr. Charley Vallo. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 12 S., R. 2 W. Drilled irrigation artesian well in sand of Pleistocene age, diameter 12 to 8 inches, depth 265 feet, screen 203-262. Land-surface datum is 8.09 feet above msl. Highest water level 18.69 below lsd, Mar. 18, 1954; lowest 28.79 below lsd, Sept. 14, 1954. Records available: 1954-55. Mar. 18, 1954, 18.69; Sept. 14, 28.79; Mar. 16, 1955, 21.13; Aug. 31, 24.53.

Vernon Parish

V-104. U. S. Army. Fort 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 179.48 below lsd, June 2, 1955; lowest 207.64 below lsd, June 20, 1953. Records available: 1952-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	182.37	181.46	181.10	180.19	179.99	179.55	180.43	181.83	187.19	187.29	190.62	191.42
2	182.15	181.37	181.30	180.35	180.26	179.48	180.55	181.90	187.02	187.11	190.60	191.66
3	182.03	181.42	180.93	180.50	179.97	179.87	180.23	181.19	187.02	187.24	191.03	190.96
4	182.49	181.17	180.75	180.38	180.05	179.70	180.10	181.60	186.77	187.85	190.70	190.90
5	182.05	181.18	181.00	180.20	180.00	179.89	180.16	181.90	186.42	187.56	190.73	189.20
6	181.92	180.91	180.78	180.11	180.27	180.08	180.07	186.20	186.32	187.72	190.15	189.65
7	181.82	181.25	181.20	180.42	179.95	180.35	180.38	186.69	186.68	187.49	190.42	190.50
8	182.08	181.03	181.50	180.19	179.84	180.33	180.69	187.65	186.47	187.28	190.45	190.98
9	181.78	181.17	181.02	180.02	179.99	180.03	180.59	188.10	187.24	187.23	190.66	191.71
10	181.60	180.93	180.95	180.17	179.85	180.06	181.36	188.45	187.55	187.40	190.20	192.62
11	181.79	181.19	180.97	179.94	179.97	179.96	181.12	188.58	187.07	187.85	190.21	192.85
12	181.81	181.37	181.10	179.76	180.12	179.82	181.69	189.12	186.99	187.75	189.65	192.29
13	181.69	181.48	181.22	179.62	179.88	180.25	182.05	191.39	187.08	187.93	190.30	193.56
14	181.53	181.07	180.86	179.92	180.08	180.53	181.71	189.80	186.91	187.57	190.75	193.70
15	181.80	181.16	180.95	179.77	179.86	180.68	182.33	190.15	187.93	188.10	190.41	193.75

V-104--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	181.50	181.33	181.07	180.33	180.12	180.00	181.77	189.25	187.84	187.55	190.60	193.79
17	181.52	181.95	181.16	179.93	179.82	180.31	181.99	188.54	187.44	187.70	190.82	194.00
18	181.56	181.86	181.00	179.78	179.95	179.87	182.22	190.02	186.84	187.75	190.90	193.25
19	181.48	181.35	180.70	180.04	179.80	180.03	182.65	181.39	186.40	188.24	190.62	193.19
20	181.35	181.52	180.52	179.84	179.75	180.10	182.50	191.34	186.90	188.19	191.10	193.03
21	181.48	181.10	180.40	180.00	179.60	180.15	182.62	189.67	186.90	188.82	190.94	193.26
22	181.30	181.29	180.94	179.80	179.80	180.21	182.78	188.53	187.45	189.40	191.00	192.66
23	181.44	181.52	180.65	179.96	179.63	180.29	181.61	187.65	187.11	188.77	190.90	192.30
24	181.25	181.25	180.74	179.80	179.80	180.47	181.03	187.20	187.15	188.49	190.91	191.50
25	181.43	181.30	180.50	179.74	179.62	180.46	181.15	186.78	187.32	188.25	190.94	191.10
26	181.57	181.01	180.49	180.37	179.75	180.38	181.39	186.90	186.79	189.38	191.05	190.65
27	181.27	181.16	180.70	179.99	179.63	180.14	181.14	187.62	187.18	189.13	190.95	190.60
28	181.45	180.89	180.46	180.23	179.82	180.22	181.33	187.90	187.07	189.59	191.35	190.40
29	181.25		180.35	180.01	179.67	180.70	182.47	188.30	187.15	189.73	191.45	190.52
30	181.48		180.64	180.16	179.83	180.25	181.95	187.80	187.12	189.71	191.37	190.48
31	181.23		180.27		179.63		181.62	187.41		189.35		190.67

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 28.30 below lsd, Sept. 20, 1955. Records available: 1949-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	16.68	....	6.52	19.89	20.88	20.90	6.95	21.96	.....	20.06	22.26
2	.....	17.05	5.80	6.34	19.98	21.12	22.40	6.82	21.96	.....	20.08	22.20
3	.....	17.48	5.66	6.20	20.18	21.07	22.75	6.70	21.99	.....	20.12	11.65
4	.....	17.70	5.55	10.00	20.28	21.65	21.36	6.67	22.10	.....	20.20	8.72
5	.....	17.69	5.49	15.45	20.47	21.82	19.53	6.65	19.30	h22.12	20.19	7.22
6	.....	8.46	5.42	16.77	20.58	21.75	21.35	6.61	21.30	22.27	20.20	5.97
7	.....	15.86	5.40	17.48	20.67	21.67	21.66	6.55	21.83	22.29	20.21	5.48
8	.....	16.76	9.15	17.86	20.72	21.85	21.84	6.48	22.03	22.29	20.30	5.50
9	.....	17.41	11.10	18.25	20.65	21.84	21.98	6.39	17.22	22.29	20.34	5.16
10	.....	17.71	15.00	18.25	20.76	21.77	22.08	6.29	10.43	22.21	20.36	4.75
11	.....	17.98	16.55	18.37	20.69	21.74	19.00	6.26	10.12	22.28	20.17	4.47
12	h12.83	18.38	17.37	18.55	13.32	21.79	21.78	12.80	19.48	22.22	20.25	4.43
13	13.48	18.53	17.90	18.25	10.92	21.79	13.70	15.81	18.93	22.08	20.24	4.33
14	13.90	18.75	18.26	18.35	18.00	21.85	10.70	16.85	18.35	22.14	20.29	4.44
15	13.78	18.98	18.55	18.77	19.67	21.90	9.87	17.75	18.10	22.30	20.30	4.20
16	13.58	19.10	18.76	18.75	20.30	22.00	9.33	17.93	17.90	22.30	20.26	4.13
17	13.57	7.99	18.93	18.20	20.65	22.05	8.91	18.46	18.01	22.23	20.38	3.94
18	13.65	9.10	19.05	18.51	20.62	22.10	8.47	19.54	18.50	22.25	20.30	3.83
19	13.92	14.32	19.23	18.72	20.74	22.23	8.40	20.08	24.55	22.37	20.28	3.84
20	14.12	6.23	19.00	18.79	15.80	22.31	8.19	20.40	28.30	22.36	20.33	3.76
21	14.08	4.73	19.00	18.94	20.15	22.33	7.99	20.66	.....	13.35	20.25	3.60
22	14.20	3.70	19.10	18.94	20.53	22.38	7.78	20.89	.....	20.88	20.32	3.38
23	14.23	7.40	19.15	19.05	20.64	22.70	7.65	21.06	.....	21.65	21.14	3.44
24	14.32	5.50	19.06	19.11	20.62	22.76	7.53	21.26	.....	21.45	21.51	3.60
25	14.43	13.12	19.06	19.21	20.62	22.83	7.40	21.34	.....	20.45	21.73	3.60
26	14.25	14.50	19.24	19.23	20.70	22.75	7.34	21.55	.....	20.23	21.68	3.40
27	6.20	15.20	10.84	19.37	20.55	22.73	7.23	21.65	.....	20.15	21.25	3.32
28	10.15	15.67	8.94	19.25	20.73	22.65	7.18	21.72	.....	20.13	21.86	3.24
29	14.40		8.01	19.55	20.72	22.65	7.13	21.69	.....	20.13	21.98	3.24
30	15.63		7.28	19.78	20.64	22.65	7.01	21.84	.....	20.12	22.04	3.26
31	16.28		6.72		21.00		7.05	21.86		20.08		3.00

h Tape measurement.

Wa-14. Town of Bogalusa. Robertson 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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	+17.2	June 8	+9.5	Sept. 8	+9.2	Nov. 9	+7.7
Feb. 3	+14.7	July 14	+9.3	Oct. 5	+2.2	Dec. 13	+11.7
Apr. 6	+14.9	Aug. 10	+15.5				

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 6.5 above lsd, Oct. 5, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	+17.0	June 8	+6.7	Sept. 8	+7.5	Nov. 9	+7.0
Feb. 2	+11.8	July 14	+10.0	Oct. 5	+6.5	Dec. 13	+11.6
Apr. 5	+12.3	Aug. 10	+15.4				

Wa-18. Town of Franklinton. 50 feet south of ground-storage reservoir. 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 17.1 above lsd, Nov. 9, 1955. Records available: 1949-55.

Jan. 12	+25.0	June 7	+25.3	Sept. 8	+25.3	Nov. 9	+17.1
Feb. 2	+25.7	July 14	+25.1	Oct. 5	+23.2	Dec. 13	+25.9
Apr. 5	+26.0						

Wa-38. Town of Franklinton. 75 feet east of ground-storage reservoir. Drilled public-supply artesian well in sand of Pleistocene age, diameter 6 inches, depth 1,050 feet, screen 970-1,050. Highest water level 46.6 above lsd, Dec. 1, 1954; lowest 26.76 above lsd, Nov. 9, 1955. Records available: 1949-52, 1954-55.

Jan. 12	+45.90	June 7	+45.94	Sept. 8	+43.5	Nov. 9	+26.76
Feb. 2	+43.2	July 14	+43.0	Oct. 5	+39.07	Dec. 13	+35.27
Apr. 5	+45.5						

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 public-supply artesian 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, 1952-55.

Jan. 12	+26.7	June 8	+12.5	Sept. 8	+10.3	Nov. 9	+15.5
Feb. 3	+26.1	July 14	+13.4	Oct. 5	+11.9	Dec. 13	+16.7
Apr. 6	+21.7	Aug. 10	+12.9				

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 22.1 above lsd, Oct. 5, 1955. Records available: 1950-55.

Jan. 13	+27.4	June 8	+25.5	Sept. 8	+25.9	Nov. 9	+23.3
Feb. 3	+26.9	Aug. 10	+26.2	Oct. 5	+22.1	Dec. 14	+26.8
Apr. 6	+26.7						

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: 1947-55. Jan. 27, 151.47; Mar. 24, 153.86; June 2, 150.36; Sept. 22, 149.67; Nov. 2, 146.96.

Wb-3. Town 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 82.46 below lsd, June 2, 1955; lowest 100.02 below lsd, Sept. 22, 1955. Records available: 1953-55. May 5, 83.67; June 2, 82.46; July 7, 83.38; Aug. 25, 93.08; Sept. 22, 100.02.

Wb-16. International Paper Co. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 23 N., R. 11 W. Drilled industrial artesian well in Sparta sand, diameter 16 to 10 inches, depth 405 feet. Highest water level 83.00 below lsd, Dec. 10, 1955; lowest 107.02 below lsd, May 5, 1955. Records available: 1955.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	97.75	106.63	.....	98.29	.....	102.24	96.89	99.90	90.30
2	105.61	106.76	105.16	98.29	.....	102.23	97.30	100.05	94.75
3	105.70	106.61	105.05	98.29	.....	102.35	97.62	100.21	88.00
4	105.76	106.87	104.89	98.29	.....	102.42	97.89	100.30	93.60
5	105.78	107.02	104.65	98.29	.....	98.50	98.10	100.36	.....
6	106.10	.....	103.23	98.29	.....	97.30	98.24	100.40	.....
7	106.44	.....	103.23	94.28	.....	95.85	98.42	100.45	92.85
8	106.51	.....	103.72	94.29	.....	96.92	98.61	100.47	85.15
9	106.47	.....	103.71	94.32	.....	97.61	98.75	100.50	83.47
10	106.32	.....	103.64	94.35	.....	98.10	98.87	100.52	83.00
11	106.17	.....	103.68	94.39	.....	98.50	98.98	100.55	.....
12	105.43	.....	103.68	94.47	.....	98.81	99.07	100.56	.....
13	105.91	.....	103.73	94.61	.....	99.07	98.75	100.59	.....
14	106.30	.....	103.65	94.82	.....	99.80	98.91	100.62	.....
15	106.42	.....	102.19	95.11	.....	100.77	99.04	100.65	.....

Wb-16--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	106.44	.....	102.49	95.44	.....	101.28	99.14	100.66	.....
17	106.45	.....	102.51	95.87	.....	101.64	99.23	100.70	.....
18	106.43	.....	102.20	96.63	.....	101.92	99.32	100.75	.....
19	106.31	.....	101.99	.....	.....	102.13	99.38	100.80	.....
20	106.37	.....	102.37	.....	.....	102.24	99.44	100.85	.....
21	106.43	.....	102.15	.....	.....	102.31	99.48	100.90	.....
22	106.16	.....	102.12	.....	.....	102.37	99.50	100.92	.....
23	105.60	.....	102.15	.....	.....	102.52	99.53	100.94	.....
24	105.72	105.92	.....	99.25	.....	.....	102.13	99.56	100.98	.....
25	105.46	106.48	.....	99.33	.....	102.07	101.97	99.58	101.04	.....
26	105.92	106.18	.....	99.39	.....	102.10	101.90	99.60	101.09	.....
27	105.90	106.32	.....	99.44	.....	102.12	101.84	99.60	101.12	.....
28	105.90	106.46	.....	99.28	.....	102.13	101.93	98.42	101.20	.....
29	106.01	106.71	.....	99.32	.....	102.15	101.79	98.77	101.29	.....
30	106.08	106.68	.....	98.65	.....	102.16	101.51	99.33	101.39	.....
31	105.89	.....	.....	.....	.....	102.20	.....	99.70	.....	.....

h Tape measurement.

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 artesian well in Sparta sand, diameter 18 to 12 inches, depth 312 feet. Highest water level 63.25 below lsd, Dec. 17, 1955; lowest 169.20 below lsd, Oct. 8, 1947. Records available: 1947-55.

Daily noon water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	111.75	97.36	109.50	107.20	97.23	91.92	84.59	84.85	85.01	84.65	83.93	83.48
2	111.85	95.58	110.09	107.57	97.78	89.23	84.60	84.80	85.05	84.68	83.93	83.52
3	111.92	94.55	109.85	107.51	98.08	87.37	84.67	84.62	84.99	84.67	84.02	83.50
4	111.96	100.62	109.92	107.29	98.32	86.42	84.74	84.69	84.96	84.65	83.91	83.67
5	111.96	101.68	109.83	107.16	98.63	85.57	84.87	84.65	85.01	84.58	84.15	83.58
6	112.05	102.22	109.82	107.02	98.61	85.07	84.80	84.68	85.00	84.62	83.85	83.43
7	111.98	102.54	109.88	106.99	98.74	84.40	84.72	84.66	84.84	84.74	83.86	83.31
8	111.78	102.78	109.89	107.17	98.58	84.12	84.78	84.63	84.94	84.77	83.90	83.47
9	111.60	102.91	109.74	107.02	98.62	83.87	84.76	84.65	84.94	84.72	83.89	83.47
10	111.44	103.00	109.50	106.89	98.51	83.63	84.73	84.65	84.85	84.84	83.79	83.45
11	111.46	103.37	109.39	106.83	98.55	83.38	84.82	84.70	84.83	84.64	83.80	83.58
12	111.43	103.55	107.49	106.81	98.55	83.20	84.81	84.65	84.85	84.54	83.81	83.52
13	110.71	106.08	106.89	106.54	99.23	83.09	84.84	84.70	84.77	84.50	83.75	83.48
14	111.03	107.28	106.42	106.80	99.40	82.98	84.90	84.60	84.85	84.55	83.80	83.48
15	110.95	107.07	106.15	106.82	99.58	85.55	85.03	84.70	84.80	84.45	83.66	83.58
16	111.12	108.72	106.14	104.15	99.48	84.52	84.92	84.58	84.77	84.34	83.75	83.43
17	111.27	109.34	106.14	102.27	94.47	84.48	84.91	84.50	84.78	84.40	83.84	83.25
18	111.32	109.33	106.03	101.12	99.90	84.50	84.95	84.48	84.86	84.40	83.66	83.33
19	111.71	110.02	105.81	100.35	100.05	84.55	84.91	84.46	84.84	84.31	83.72	83.54
20	111.29	110.37	105.72	99.64	100.03	84.45	84.95	84.46	84.79	84.20	83.89	83.51
21	110.64	110.63	105.52	99.14	98.45	84.51	84.95	84.50	84.80	84.34	83.83	83.44
22	110.45	110.92	105.62	98.68	99.90	84.55	84.86	84.64	84.88	84.32	83.74	83.52
23	110.51	111.27	105.64	95.54	100.10	84.49	84.83	84.69	84.74	84.24	83.70	83.43
24	110.44	107.66	105.50	94.42	100.00	84.50	84.88	84.71	84.83	84.23	83.66	83.41
25	110.83	109.34	106.34	94.05	100.41	84.37	84.81	84.79	84.79	84.31	83.71	83.47
26	110.58	110.02	106.96	97.85	100.75	84.40	84.86	84.89	84.73	84.20	83.67	83.40
27	104.50	110.05	107.25	95.62	90.63	84.49	84.90	84.88	84.74	84.10	83.61	83.32
28	102.93	109.82	107.40	94.50	97.76	84.57	84.92	84.87	84.73	83.98	83.83	83.38
29	102.25	.....	107.48	93.89	99.40	84.61	84.90	84.98	84.69	84.04	83.69	83.41
30	101.75	.....	107.52	93.45	100.08	84.55	84.96	84.98	84.76	84.01	83.69	83.46
31	101.10	.....	107.63	.....	100.42	.....	84.83	84.98	.....	83.96	.....	83.37

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 73.44 below lsd, Dec. 1, 1955; lowest 100.66 below lsd, July 5, 1950. Records available: 1950-55. Feb. 24, 86.58; Mar. 24, 82.69; June 2, 85.99; Dec. 1, 73.44.

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: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	30.43	May 5	29.59	Aug. 25	29.49	Nov. 2	30.65
Feb. 24	30.24	June 2	29.26	Sept. 22	30.03	Dec. 1	30.73
Mar. 24	30.02	July 7	29.34				

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 41.85 below lsd, July 6, 1955. Records available: 1943-47, 1949-50, 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 18	33.53	May 25	35.40	Aug. 12	33.03	Nov. 11	35.32
Mar. 25	29.3	June 7	37.14	Sept. 12	33.91	Dec. 12	38.99
Apr. 21	34.42	July 6	41.85	Oct. 10	34.49		

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 35.96 above lsd, Oct. 10, 1955. Records available: 1954-55.

Feb. 18	+42.4	May 25	+46.74	July 6	+43.58	Sept. 12	+42.20
Mar. 25	+42.4	June 7	+45.20	Aug. 12	+43.36	Oct. 10	+35.96
Apr. 21	+43.8						

West Carroll Parish

WC-36. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 20 N., R. 10 E. Drilled observation well in sand of Eocene age, diameter 4 to 2 inches, depth 383 feet. Land-surface datum is 106.35 feet above msl. Highest water level 30.19 below lsd, Apr. 6, 1955; lowest 31.38 below lsd, Oct. 24, 1955. Records available: 1955.

Daily noon water level from recorder graph*

Day	Mar.	Apr.	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30.50	30.58	30.68	30.44	30.60
2	30.47	30.58	30.67	30.42	30.61
3	30.50	30.57	30.67	30.42	30.62
4	30.52	30.59	30.66	30.42	30.68
5	30.53	30.59	30.66	30.41	30.70
6	h30.19	.....	30.52	30.59	30.67	30.68	30.65
7	30.51	30.59	30.70	31.05	30.64
8	h30.62	.....	.....	30.30	30.59	30.71	31.24	30.68
9	30.43	30.61	30.69	30.70	30.76
10	30.47	30.61	30.68	30.48	30.74
11	30.47	30.61	30.67	30.80	30.74
12	30.47	30.63	30.65	31.17	30.73
13	30.50	30.63	30.68	31.20	30.71
14	30.53	30.63	30.60	.....	30.70
15	30.53	30.63	30.66	30.70	30.76
16	30.52	30.62	30.51	30.74	30.74
17	30.52	30.63	30.83	30.79	30.69
18	30.53	30.63	30.96	30.73	30.69
19	30.54	30.62	31.33	30.76	30.76
20	30.48	30.54	30.62	31.35	30.77	30.75
21	30.47	30.55	30.64	31.22	30.72	30.71
22	30.46	30.55	30.64	31.16	30.69	30.67
23	30.46	30.54	30.62	31.13	30.75	30.65
24	h30.30	.....	30.44	30.54	30.64	31.38	30.76	30.69
25	30.47	30.55	30.66	31.05	30.69	30.72
26	30.50	30.56	30.66	30.82	30.70	30.73
27	h30.23	30.50	30.55	30.66	30.77	30.67	30.73
28	30.49	30.56	30.65	30.06	30.75	30.73
29	30.49	30.56	30.64	30.44	30.76	30.76
30	30.49	30.56	30.67	30.44	30.75	30.76
31	30.50	30.57		30.43		30.73

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

h Tape measurement.

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: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	33.57	June 3	33.32	Aug. 25	33.95	Nov. 3	31.09
Feb. 24	33.72	July 8	32.68	Sept. 23	32.88	Dec. 8	30.01
May 6	36.59						

OKLAHOMA

By Lee C. Burton

Scope of Water-Level Program

The observation-well program in Oklahoma was continued in 1955 in cooperation with the Oklahoma Geological Survey, the Oklahoma Planning and Resources Board, the Oklahoma Agricultural and Mechanical College Department of Agronomy, and the Southwestern Cotton Substation. Measurements were made in 269 wells in 1955. Recording gages were operated throughout the year in 3 wells (Cleveland 5, Grady 66, and Oklahoma 4) and from January through April in Seminole County well 1. Figures 21-25 show the location of the observation wells.

Precipitation

The normal annual pattern is indicated by increase in precipitation from the northwest to the southeast. According to the U. S. Weather Bureau, the average annual precipitation for 1955 in Oklahoma was 29.94 inches, which was 3.43 inches below normal. The annual precipitation for 1955 in counties where observation wells are situated ranged from 10.64 inches at Boise City, Cimarron County, to 42.87 inches at Idabel, McCurtain County. Above-normal amounts of precipitation fell during February, May, August, September, and October; many stations reported no precipitation for January, March, October, November, and December. In the Panhandle area, although not large, the departures from normal indicated that moisture needs were critical.

Annual precipitation and departure from normal at selected stations in Oklahoma, 1955

Station	Total precipitation	Departure	Station	Total precipitation	Departure
Ada	37.17	-0.81	Hennessey	30.47	+2.14
Altus	28.41	+2.92	Hobart	29.26	+1.89
Anadarko	37.48	+10.08	Hollis	25.18	+ .84
Antlers	40.43	-7.01	Hugo	36.58	-7.92
Arnett	e16.86	-6.79	Idabel	42.87	-1.37
Beaver City	15.21	-4.15	Kingfisher	36.31	+6.05
Boise City	e10.64	-6.17	Lawton	37.46	+6.52
Carnegie	33.98	+5.32	Mangum	30.29	+4.32
Cheyenne	24.23	-1.59	Norman	38.53	+5.31
Chickasha	33.60	+2.79	Oklahoma City	37.42	+7.20
Clinton	34.97	+5.73	Ponca City	30.82	+ .87
Cloud Chief	31.11	+3.28	Purcell	37.16	+2.27
Coalgate	33.11	-9.83	Sayre	24.94	+1.87
Durant	38.59	- .21	Seminole	27.71	-12.19
El Reno	28.41	- .28	Stillwater	27.98	-5.37
Enid	32.12	+2.30	Watonga	33.38	+5.47
Frederick	31.14	+3.77	Weatherford	34.13	+5.36
Goodwell	14.47	-2.47	Woodward	17.07	-8.00

e Estimated.

Interpretation of Water-Level Fluctuations

Vamoosa formation.--The Skelly Gas Corp. well in Seminole County taps water in sandstones of the Vamoosa formation. The highest water level in this well for 1955 and for the period of record was 92.23 on May 31; the lowest for the year was 97.55 on September 23. The net rise for the year was 2.83 feet. The water level in this well is affected by a nearby well being pumped.

Stillwater Creek basin.--Measurements in 8 observation wells in the Stillwater Creek basin, Payne County, showed an average decline of 0.38 foot from December 1954 to December 1955. The decline is probably due to low recharge because of below-normal precipitation. Record lows were reached in wells 4 and 18.



Figure 21. --Location of observation wells in the Oklahoma Panhandle, 1955.

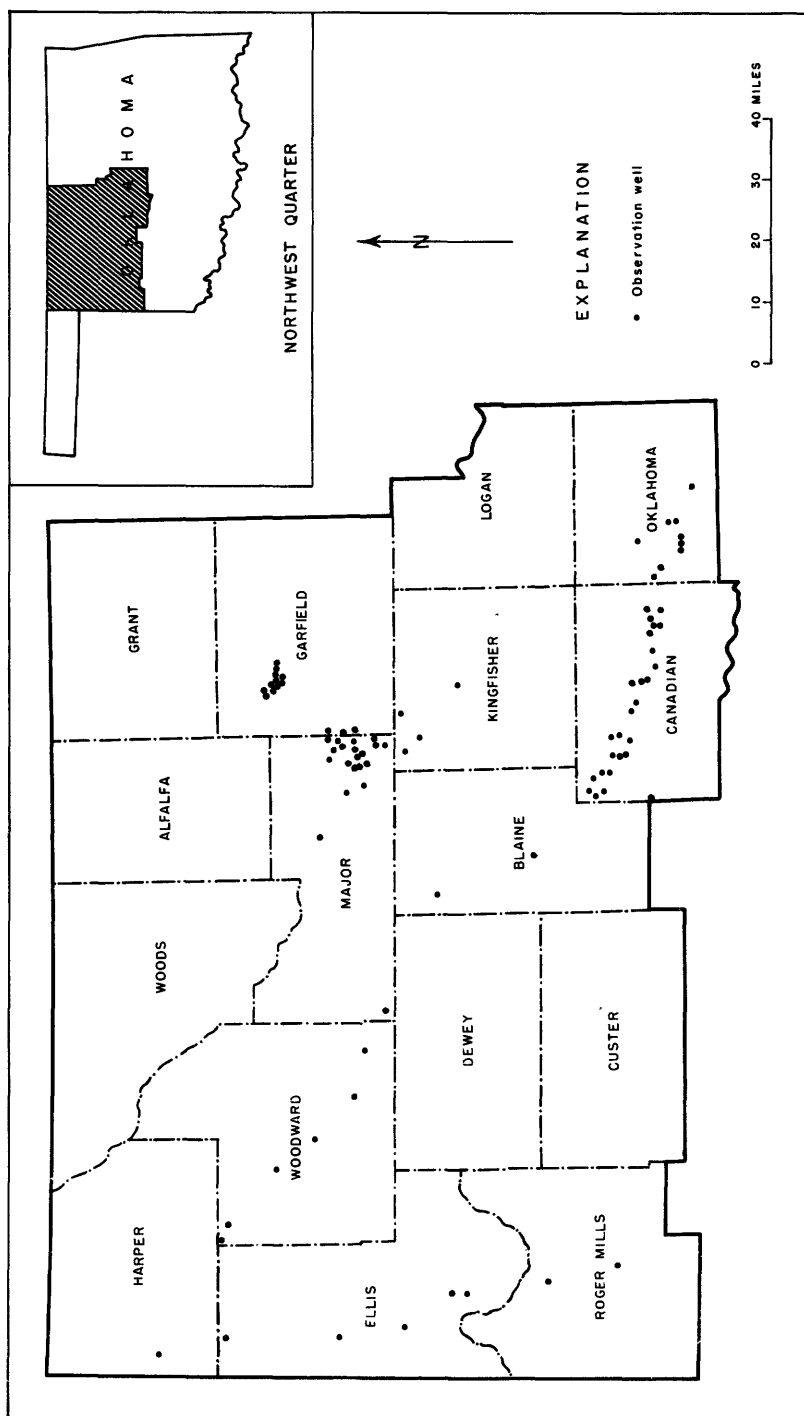


Figure 22. --Location of observation wells in northwestern Oklahoma, 1955.

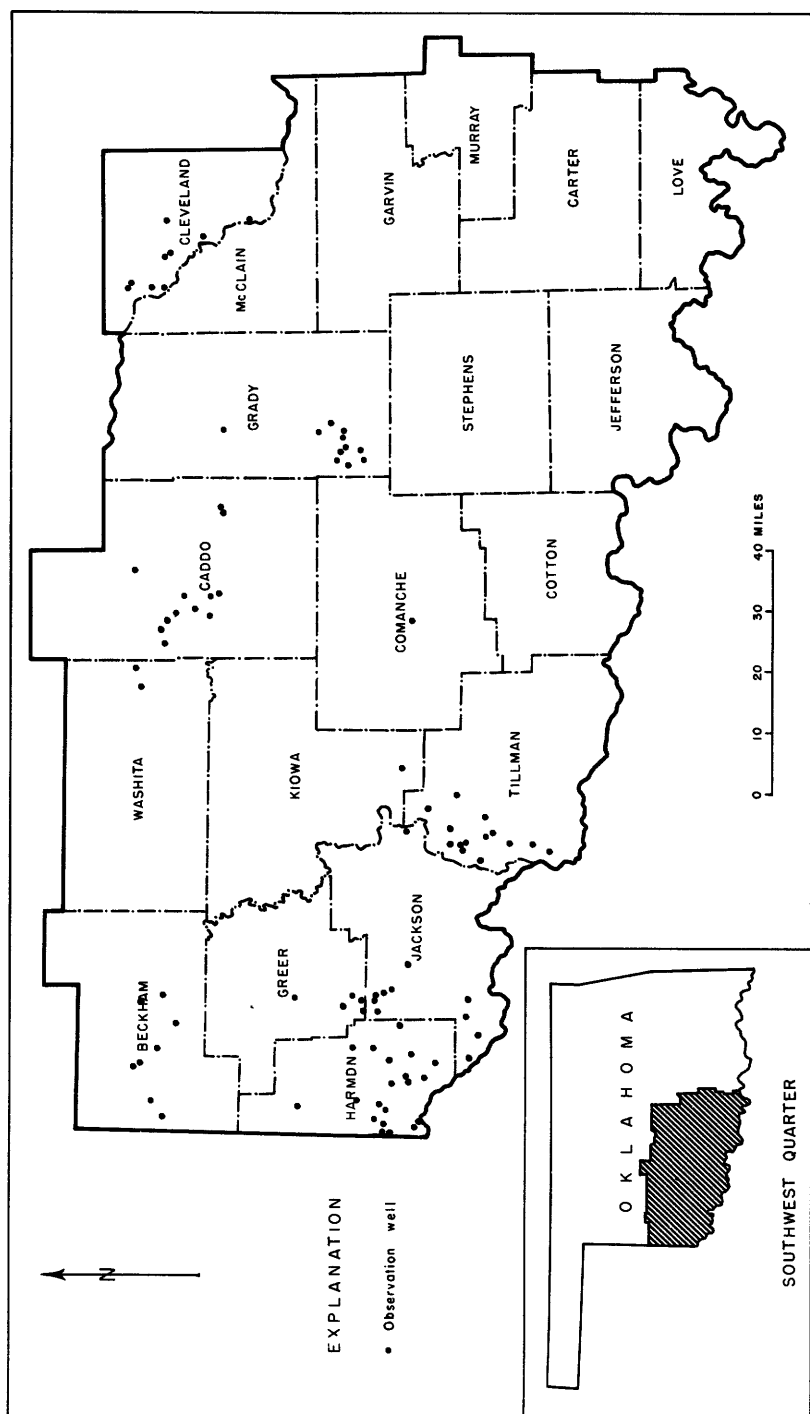


Figure 23. --Location of observation wells in southwestern Oklahoma, 1955.

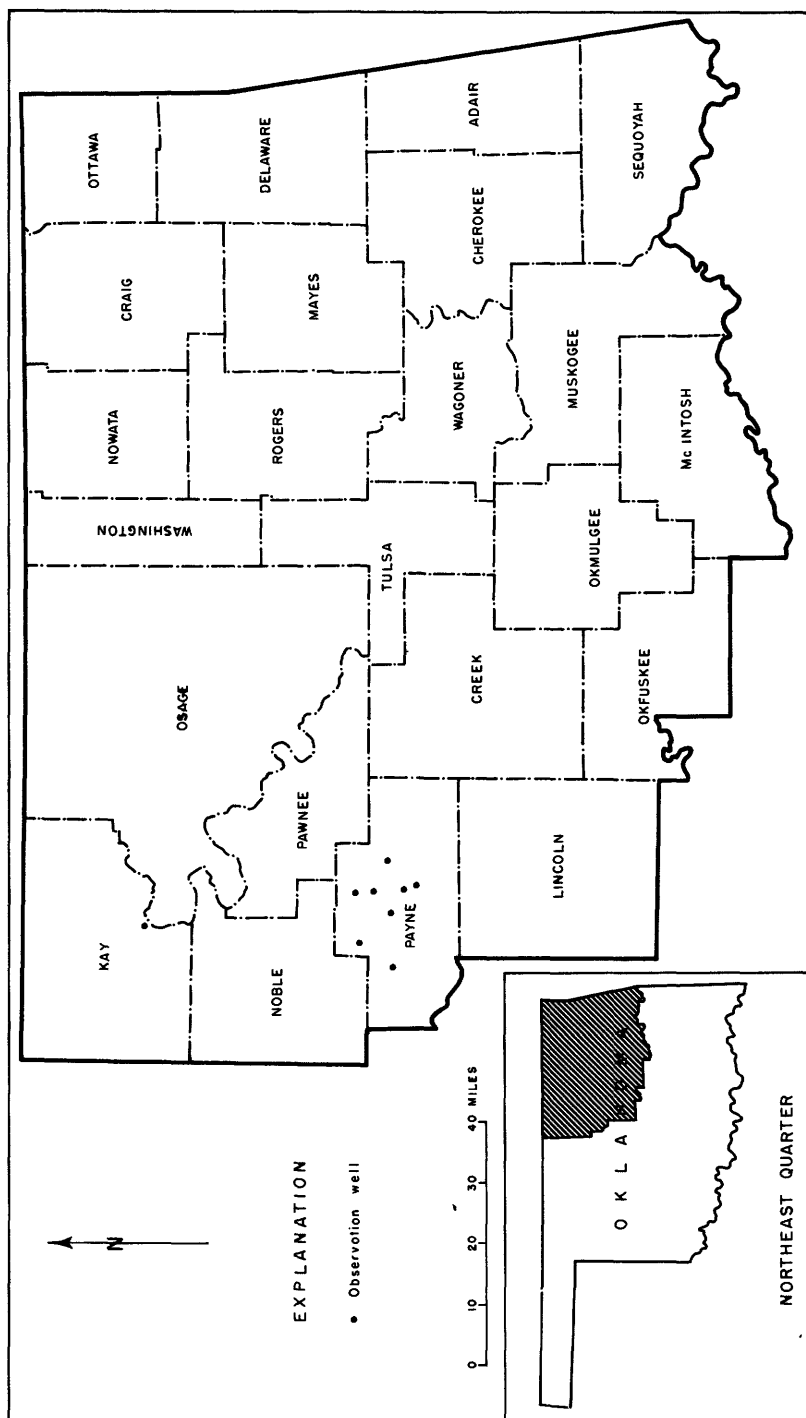


Figure 24. -- Location of observation wells in northeastern Oklahoma, 1955.

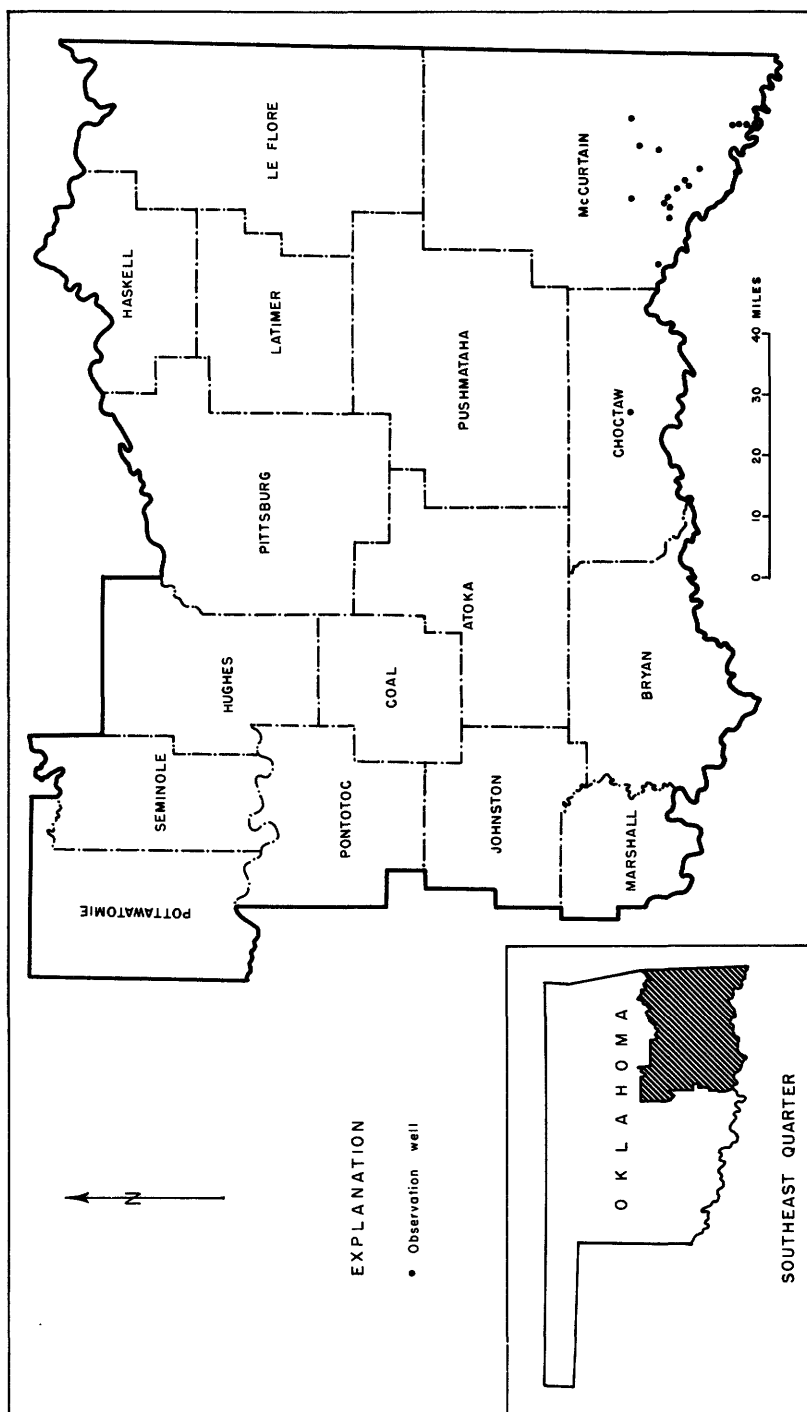


Figure 25. --Location of observation wells in southeastern Oklahoma, 1955.

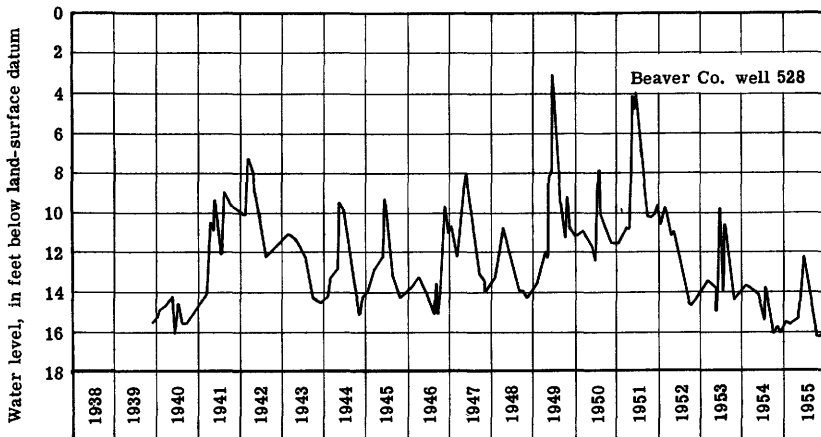
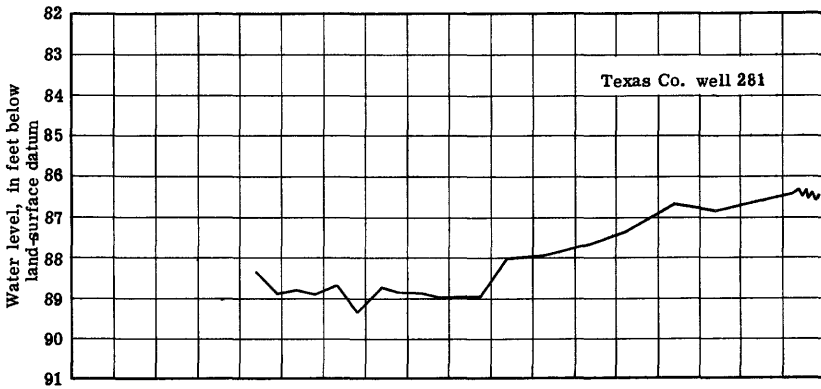
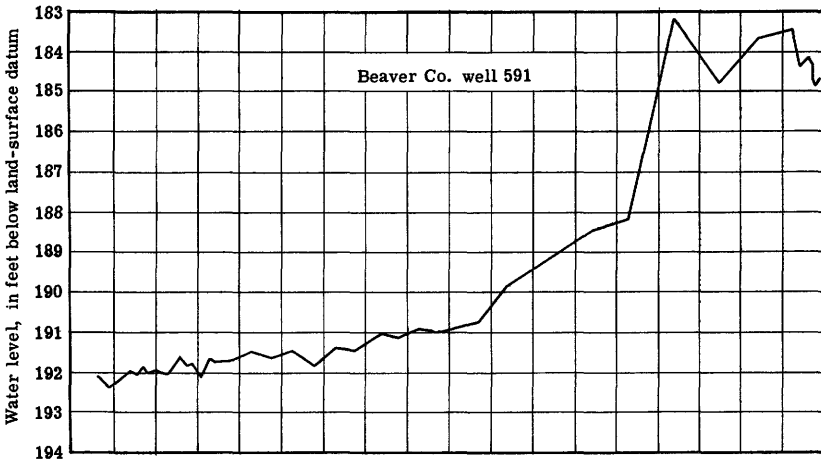


Figure 26. --Water levels in Beaver County wells 528 and 591 and Texas County well 281 in the Oklahoma Panhandle.

Garber sandstone and Wellington formation. --The Garber sandstone and Wellington formation in central Oklahoma furnish water for municipal, industrial, and private use. The principal cities which draw upon these aquifers for their water supplies are Norman, Noble, Midwest City, Del City, Nichols Hills, The Village, and Edmond. In 1955 Oklahoma City installed 15 new wells in the Garber sandstone for supplemental supply. The Tinker Field Air Force Base also obtains its water from these water-bearing sandstones. The water level in Cleveland County well 5 was 0.14 foot higher at the end of 1955 than at the end of 1954. There was a decline of 14.50 feet and 15.40 feet, respectively, in Cleveland County well 4 and Oklahoma County well 4. The average net change was a decline of about 6.90 feet. Observation wells tapping the Garber sandstone and Wellington formation are affected to some degree by nearby wells being pumped. Fluctuations of water level in deep wells in Cleveland County are primarily a response to pumping, but no common pattern is shown because of the varying rates of pumping in the vicinities of the different observation wells.

Southwestern irrigation area. --The total precipitation for 1955 in Greer, Harmon, and Jackson Counties was above normal, recharge was correspondingly high, and the withdrawal of ground water for irrigation was less than in 1954. The average net change in water level was a rise of 2.85 feet.

Rush Springs sandstone. --Water levels in wells tapping the Rush Springs sandstone rose about 0.6 foot in Caddo, Grady, and Washita Counties. The increased use of ground water for irrigation in Caddo County did not noticeably affect the water level.

Cretaceous. --There was a decline of 2 feet in wells tapping water-bearing beds of Cretaceous age in southern McCurtain County. The decline averaged about 0.04 foot in the Paluxy sand and about 4 feet in the Woodbine and Tokio formations.

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 computed. For each county, the different aquifer groups have been assigned a percentage based on the area underlain by the aquifer, and a weighted average for the county has been calculated. Record lows were reached in Beaver County wells 527, 528, and 612 and in Cimarron County well 286. New highs were reached in Beaver County wells 253, 576, 617, Cimarron County wells 129, 224, 435, and Texas County wells 281, 406, 415, 497, and 589. There was a rise of about 0.10 foot in wells in the alluvial deposits and a rise of about 0.15 foot in wells in the Ogallala formation. Figure 26 shows water levels in Beaver County wells 528 and 591 and Texas County well 281. Beaver County well 528 is in alluvium; the other two wells are in the Ogallala formation. The water level in wells penetrating the Permian and Triassic rocks declined about 3.9 feet.

Terrace deposits. --Cleveland County well 1, a shallow dug well on a high terrace of the Canadian River, reflects the natural change of the water table due to precipitation, evaporation, and transpiration. The terrace deposit is thin and of small extent; pumping of ground water from it is negligible. The water level reached its highest stage for the year in June and its lowest in March, the net rise being 2.44 feet. Measurements in 8 observation wells in the terrace deposits along the North Fork of the Red River in central Beckham County showed a decline of 0.84 foot. Wells 14 and 53 were dry during part of the year. Oklahoma County wells 10 and 15 tap water in terrace deposits from which water is pumped for industrial and domestic purposes. Measurements in wells in Tillman County showed a net rise of 0.42 foot by the end of the year. Water levels in the Cimarron terrace showed an average net rise of 0.22 foot, a recovery from the decline in 1954.

Alluvium. --There was an average rise of 0.35 foot in 5 wells in McCurtain County in the alluvium of the Red River. Beckham County well 53 in the alluvium of the North Fork of the Red River was dry on January 5 and 26 but rose to a record high on February 23. Wells in Caddo and Grady Counties in the alluvium of the Washita River showed an average rise of 2.36 feet. The net rise in Kay County well 1, which taps water in the alluvium of the Arkansas River, was 1.56 feet. The average rise of water level in Cleveland County wells 14 and 15 in the Canadian River alluvium was 2.06 feet. Measurements in wells scattered between Oklahoma City and Beaver in the North Canadian River alluvium indicated an average rise of 1.73 feet.

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 $\frac{1}{2}$ inches, depth 14 feet. Land-surface datum is 2,582.3 feet above msl. Highest water level 6.79 below lsd, June 10, 1955; lowest 9.11 below lsd, May 18, 1948. Records available: 1946-55. June 10, 6.79.

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: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 6	75.62	July 25	75.86	Oct. 5	76.06	Nov. 22	76.02
June 10	75.83	Aug. 24	75.94	20	75.94	Dec. 8	76.03
July 8	75.71	Sept. 19	76.07	Nov. 1	75.78	21	75.96

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, 1944-55. June 8, 10, 16.

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, 1954-55. June 8, 21.69.

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. No measurement made in 1955.

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. No measurement made in 1955.

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, 1948-55. June 8, 22.23.

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 47.23 below lsd, Oct. 5, 1955. Records available: 1938-51, 1955. Aug. 24, 46.83; Oct. 5, 47.23.

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 to 2 feet, depth 34 feet, cased to 34 feet. Highest water level 2.98 below lsd, June 24, 1949; lowest 16.38 below lsd, Sept. 23, 1955. Records available: 1939-55.

Jan. 7	15.78	Apr. 8	15.28	July 8	13.63	Oct. 7	16.32
14	15.71	15	15.30	15	13.78	14	16.34
21	15.65	22	15.34	22	13.40	21	16.34
28	15.57	29	15.38	29	15.03	28	16.36
Feb. 4	15.50	May 6	15.32	Aug. 5	16.28	Nov. 4	16.32
11	15.44	13	15.28	12	15.57	11	16.30
18	15.42	20	11.49	19	15.44	18	16.25
25	15.40	27	11.91	26	15.80	25	16.25
Mar. 4	15.34	June 3	12.67	Sept. 2	15.98	Dec. 2	16.21
11	15.38	10	14.11	9	16.11	9	16.16
18	15.36	17	13.53	16	16.23	16	16.14
25	15.32	24	13.11	23	16.36	23	16.09
Apr. 1	15.30	July 1	12.61	30	16.34	30	16.06

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 144.02 below lsd, June 6, 1955; lowest 160.04 below lsd, Apr. 3, 1939. Records available: 1938-55.

Mar. 24	144.24	June 8	151.25	Aug. 24	146.68	Nov. 1	145.78
Apr. 6	144.59	July 5	144.15	Sept. 19	144.14	22	144.07
25	144.09	25	144.08	Oct. 5	145.52	Dec. 8	144.71
June 6	144.02	Aug. 12	146.14	20	145.05	21	144.13

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: 1938-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	183.37	June 8	184.31	Sept. 19	184.28	Nov. 22	184.63
Apr. 6	183.61	July 5	184.17	Oct. 5	184.61	Dec. 8	184.36
25	183.79	25	184.15	20	184.84	21	184.61
June 6	184.20	Aug. 24	184.12	Nov. 1	184.19		

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 15.45 below lsd, June 7, 1955. Records available: 1941-55. June 7, 15.45.

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. No measurement made in 1955.

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 160.93 below lsd, June 8, 1955; lowest 169.44 below lsd, Nov. 20, 1938. Records available: 1938-55. June 8, 160.93.

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: 1938-55. June 8, 44.08.

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: 1938-55. June 8, 6.21.

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: 1938-55. June 8, 66.42.

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, May 19, 1950; lowest 30.62 below lsd, Jan. 27, 1941. Records available: 1938-55. June 8, 21.21.

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 68.95 below lsd, Dec. 27, 1955. Records available: 1952-55.

Jan. 5	68.10	Apr. 26	68.13	July 27	68.85	Oct. 26	68.57
26	68.30	May 25	68.30	Aug. 24	68.26	Nov. 30	68.74
Feb. 23	68.05	June 28	68.93	Sept. 27	68.80	Dec. 27	68.95
Mar. 23	68.24						

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 26.53 below lsd, Sept. 28, 1955. Records available: 1952-55.

Jan. 4	24.28	Apr. 26	24.87	July 27	25.63	Oct. 26	24.91
26	24.29	May 25	23.73	Aug. 24	26.19	Nov. 30	24.98
Feb. 23	24.42	June 28	24.97	Sept. 28	26.53	Dec. 27	24.97
Mar. 24	24.68						

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 several times, 1954-55. Records available: 1952-55. Measurement discontinued.

Jan. 4	(f)	Mar. 24	63.73	May 25	63.92	July 27	(f)
26	(f)	Apr. 27	63.77	June 29	(f)	Aug. 24	(f)
Feb. 23	63.65						

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 17.95 below lsd, Sept. 28, 1955. Records available: 1951-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	16.20	Apr. 27	17.18	July 28	17.70	Oct. 26	17.66
26	17.23	May 26	17.19	Aug. 25	17.73	Nov. 30	17.74
Feb. 23	17.23	June 29	17.40	Sept. 28	17.95	Dec. 27	17.67
Mar. 24	17.21						

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 6 inches, depth 58 feet, cased to 58. Highest water level 44.51 below lsd, Nov. 8, 1951; lowest 50.84 below lsd, Oct. 26, 1955. Records available: 1951-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	49.19	Apr. 27	49.58	July 28	50.20	Oct. 26	50.84
26	49.46	May 26	49.64	Aug. 25	50.22	Nov. 30	50.80
Feb. 23	49.53	June 29	50.04	Sept. 28	50.57	Dec. 27	50.70
Mar. 24	49.55						

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 7 inches, depth 33 feet, cased to 33. Highest water level 18.94 below lsd, Nov. 6, 1951; lowest 23.56 below lsd, Jan. 26, 1955. Records available: 1951-55. Jan. 4, 23.37; Jan. 26, 23.56. Measurement discontinued.

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 37.28 below lsd, Jan. 16, 1955; lowest 40.97 below lsd, Dec. 1, 1954. Records available: 1953-55. Measurement discontinued.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June
1	.....	.....	37.48	37.54	37.66	37.56
2	.....	.....	37.42	37.54	37.57	37.57
3	.....	.....	37.34	37.36	37.61	37.53
4	.....	.....	37.41	37.51	37.70	37.47
5	37.51	.....	37.68	37.61	37.71	37.47
6	37.61	.....	37.70	37.72	37.66	37.53
7	37.54	.....	37.62	37.75	37.62	37.57
8	37.38	.....	37.60	37.65	37.67	37.57
9	37.43	.....	37.39	37.61	37.64	37.57
10	37.42	.....	37.30	37.58	37.73	37.50
11	37.37	.....	37.42	37.42	37.73	37.56
12	37.61	.....	37.55	37.39	37.67	37.53
13	37.61	.....	37.54	37.61	37.63	37.46
14	37.41	.....	37.39	37.65	37.66	37.49
15	37.46	.....	37.56	37.55	37.64	37.48
16	37.28	.....	37.73	37.56	37.58	37.50
17	37.33	.....	37.60	37.56	37.62	37.52
18	37.59	.....	37.62	37.53	37.57	37.57
19	37.60	.....	37.47	37.49	37.55	37.57
20	37.43	.....	37.37	37.63	37.58	37.62
21	37.43	.....	37.63	37.60	37.57	37.64
22	37.51	.....	37.64	37.54	37.53	37.61
23	37.51	37.51	37.47	37.48	37.54	37.56
24	37.53	37.76	37.58	37.66	37.59	37.47
25	37.54	37.62	37.81	37.65	37.51	37.50
26	37.62	37.41	37.85	37.56	37.42	37.54
27	37.63	37.47	37.79	37.45	37.56	37.60
28	.....	37.36	37.55	37.74	37.74	37.61
29	.....		37.46	37.79	37.77	.....
30	.....		37.45	37.73	37.62	.....
31	.....		37.36		37.46	

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 15.87 below lsd, Feb. 23, 1955; lowest dry at 20.00, July-December 1954, Jan. 5, 26, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	(f)	Apr. 26	17.98	July 27	17.76	Oct. 26	17.73
26	(f)	May 25	17.70	Aug. 24	18.24	Nov. 30	17.82
Feb. 23	15.87	June 28	17.31	Sept. 27	18.87	Dec. 27	17.45
Mar. 23	17.88						

f Dry.

Blaine County

1. Oklahoma City Water Department observation well E. NE $\frac{1}{4}$ sec. 27, T. 16 N., R. 12 W. 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: 1939-55. June 7, 3.07; Nov. 6, 6.41.

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 $\frac{1}{4}$ 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: 1951-55. June 7, 4.64; Nov. 6, 6.30.

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 56.32 below lsd, Nov. 26, 1955. Records available: 1945-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14	54.05	Apr. 22	54.61	July 23	55.04	Oct. 15	55.12
21	54.32	29	54.92	29	55.06	22	55.30
28	54.57	May 6	54.72	Aug. 6	55.14	29	55.25
Feb. 4	54.43	13	54.79	12	55.09	Nov. 5	55.12
11	54.69	20	54.76	19	55.15	12	55.22
18	54.15	27	54.82	27	55.18	19	55.53
25	54.49	June 3	54.85	Sept. 2	55.14	26	56.32
Mar. 4	54.44	10	54.86	10	55.17	Dec. 3	55.23
11	54.43	17	54.86	17	55.19	10	55.42
18	55.17	24	54.84	24	55.28	17	55.17
Apr. 1	54.49	July 1	54.92	Oct. 1	55.35	24	55.26
8	54.72	8	54.90	8	55.38	31	55.45
15	54.65	15	54.97				

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 $\frac{1}{4}$ inches, depth 17 feet, cased to 16. Highest water level 4.45 below lsd, June 30, 1951; lowest 16.21 below lsd, Feb. 27, 1955. Records available: 1947-55.

Jan. 4	15.48	Mar. 27	10.39	June 26	11.33	Oct. 1	13.48
30	15.43	May 1	15.12	July 29	13.75	29	9.70
Feb. 27	16.21	30	10.39	Aug. 28	14.21	Nov. 27	12.27

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: 1948-55.

Jan. 14	21.58	Apr. 22	21.29	July 23	20.28	Oct. 15	19.30
21	21.63	29	21.32	29	20.40	22	19.53
28	21.61	May 6	21.16	Aug. 6	20.63	29	20.50
Feb. 4	21.57	13	21.14	12	20.65	Nov. 5	20.26
11	21.69	22	20.82	19	20.76	12	20.44
18	21.58	27	20.59	27	20.17	19	20.42
25	21.47	June 3	20.38	Sept. 2	19.90	26	20.19
Mar. 4	21.53	10	20.39	10	21.06	Dec. 3	20.31
11	21.51	17	20.04	17	21.21	10	20.27
18	21.49	24	19.94	24	20.27	17	20.12
Apr. 1	21.43	July 1	19.98	Oct. 1	21.30	24	20.23
8	21.35	8	20.09	8	21.05	31	20.07
15	21.31	15	20.15				

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: 1948-55.

Jan. 14	17.72	Apr. 15	16.77	July 23	16.82	Oct. 15	16.77
21	17.63	22	17.72	29	17.02	22	16.68
28	17.58	29	16.77	Aug. 6	17.27	29	16.65
Feb. 4	17.48	May 6	16.69	12	17.20	Nov. 5	16.46
11	17.43	13	16.65	19	17.28	12	16.45
18	17.24	27	16.22	27	17.36	19	16.43
25	17.20	June 3	16.08	Sept. 2	17.38	26	16.22
Mar. 4	17.13	10	15.94	10	17.55	Dec. 3	16.28
11	17.05	17	15.89	17	17.67	10	16.24
18	16.99	24	15.87	24	17.71	17	16.03
25	16.94	July 1	16.06	Oct. 1	17.51	24	16.13
Apr. 1	16.87	8	16.33	8	17.08	31	16.00
8	16.82	15	16.64				

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 58.40 below lsd, Oct. 1, 1955. Records available: 1948-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25	57.84	Apr. 29	58.33	June 24	58.10	Aug. 27	58.33
Mar. 27	58.13	May 27	58.23	July 29	58.28	Oct. 1	58.40

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 8 inches, reported depth 32 feet. Highest water level 10.90 below lsd, Oct. 1, 1950; lowest 24.18 below lsd, Oct. 1, 1955. Records available: 1948-55.

Jan. 4	23.74	Mar. 27	23.54	June 26	22.81	Oct. 1	24.18
30	23.65	May 1	23.41	July 29	23.63	30	23.54
Feb. 27	23.60	29	23.41	Aug. 28	24.14	Nov. 27	23.09

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 40.03 below lsd, Apr. 29, 1955. Records available: 1948-55.

Jan. 28	39.79	Apr. 29	40.03	July 29	39.74	Oct. 29	39.87
Feb. 25	39.67	May 27	39.98	Aug. 27	39.80	Nov. 26	39.83
Mar. 27	39.87	June 24	39.75	Oct. 1	39.98	Dec. 31	39.97

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, 1948; lowest 30.40 below lsd, Oct. 29, 1954. Records available: 1948-55.

Jan. 14	29.56	Apr. 1	28.87	June 17	27.20	Sept. 2	27.59
21	29.46	8	28.80	24	27.07	10	28.76
28	29.43	15	28.74	July 1	27.09	17	29.91
Feb. 4	29.37	22	28.71	8	27.19	24	29.00
11	29.44	29	28.66	15	27.45	Oct. 1	28.89
18	29.38	May 6	28.54	23	27.69	8	28.45
25	29.12	13	28.47	29	27.89	15	27.95
Mar. 4	29.09	22	28.22	Aug. 6	28.14	22	27.83
11	29.01	27	27.90	12	28.23	29	27.77
18	28.97	June 3	27.62	19	28.22	Nov. 5	27.66
25	28.91	10	27.38	27	28.47	12	27.69

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: 1949-55.

Jan. 14	10.82	Apr. 15	9.60	July 23	10.87	Oct. 15	9.72
21	10.60	22	9.72	29	11.19	22	9.94
28	10.54	29	9.73	Aug. 6	11.34	29	9.03
Feb. 4	10.32	May 6	10.12	12	11.41	Nov. 5	9.88
11	10.27	27	8.20	19	11.61	12	9.84
18	10.08	June 3	8.90	27	11.79	19	9.76
25	10.02	10	8.99	Sept. 2	11.93	26	9.59
Mar. 4	9.99	17	9.19	10	12.15	Dec. 3	9.56
11	9.94	24	9.28	17	12.25	10	9.51
18	9.97	July 1	9.87	24	12.08	17	9.39
25	10.69	8	10.39	Oct. 1	11.27	24	9.37
Apr. 1	9.64	15	10.82	8	9.67	31	9.29
8	9.56						

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 42.78 below lsd, Apr. 29, 1955. Records available: 1949-55.

Jan. 28	42.62	Apr. 29	42.78	July 29	41.90	Oct. 29	41.85
Feb. 25	42.57	May 27	41.06	Aug. 27	41.59	Nov. 26	41.85
Mar. 27	42.70	June 24	41.28	Oct. 1	42.27	Dec. 31	41.98

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 $\frac{1}{4}$ inches, steel casing. Highest water level 12.69 below lsd, June 19, 1952; lowest 18.23 below lsd, Sept. 17, 1955. Records available: 1952-55.

Jan. 25	17.44	Apr. 23	17.86	July 23	17.63	Oct. 23	17.09
Feb. 20	17.55	May 25	17.27	Aug. 23	17.80	Nov. 27	16.76
Mar. 19	17.75	June 28	17.15	Sept. 17	18.23	Dec. 22	16.67

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 $\frac{1}{4}$ inches, depth 24 feet. Highest water level 14.25 below lsd, Oct. 23, 1955; lowest 16.93 below lsd, Sept. 25, 1953. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	16.46	Apr. 23	16.85	July 23	15.66	Oct. 23	14.25
Feb. 20	16.61	May 25	15.62	Aug. 23	15.65	Nov. 27	14.28
Mar. 19	16.80	June 28	15.35	Sept. 17	16.02	Dec. 22	14.26

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: 1939-55. Nov. 13, 11.51.

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: 1941-55. Nov. 13, 24.15.

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: 1941-55. Nov. 13, 8.90.

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: 1941-55. Dec. 3, 23.71.

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: 1941-55. Dec. 3, 11.52.

RFC3. U. S. Geol. Survey. SW. cor. sec. 1, T. 13 N., R. 9 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ 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, 1946-55. Nov. 13, 5.22.

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: 1939-55. Nov. 6, 4.22.

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: 1942-55. Nov. 13, 12.36.

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: 1942-55.

Jan. 25	11.74	Apr. 23	11.89	July 23	9.88	Oct. 23	7.23
Feb. 20	11.77	May 28	8.68	Aug. 24	10.64	Nov. 27	8.50
Mar. 19	11.82	June 27	9.09	Sept. 17	11.05		

G7. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 13 N., R. 7 W. Driven observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 20 feet, cased to 20, screen 18-20. Land-surface datum is 1,317.94 feet above msl. Highest water level 13.55 below lsd Apr. 13, 1943; lowest 16.24 below lsd, Dec. 27, 1947. Records available: 1942-53, 1955. Nov. 13, 15.22.

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 15.25 below lsd, Nov. 13, 1955. Records available: 1942-55. Nov. 13, 15.25.

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: 1942-55. Nov. 6, 4.51.

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: 1942-55. Nov. 6, 17.74.

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: 1942-55. Nov. 13, 12.96.

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: 1942-55. Dec. 3, 17.64.

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. No measurement made in 1955.

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: 1942-55. Nov. 6, 2.75.

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: 1942-55. Nov. 13, 22.50.

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, 1949-55. Nov. 13, 12.49.

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 1.92 below lsd, Nov. 13, 1955; lowest 8.10 below lsd, Oct. 27, 1954. Records available: 1942-55. Nov. 13, 1.92.

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. No measurement made in 1955.

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 9.83 below lsd, Nov. 6, 1955; lowest dry, Oct. 27, 1954. Records available: 1942-55. Nov. 6, 9.83.

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, Dec. 3, 1955. Records available: 1942-55. Dec. 3, 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 13.29 below lsd, Apr. 23, 1955. Records available: 1942-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	10.19	Apr. 23	13.29	July 23	8.31	Sept. 17	9.88
Feb. 20	10.48	May 25	6.99	Aug. 24	8.18	Oct. 23	4.68
Mar. 19	10.72	June 27	5.46				

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 $\frac{1}{2}$ inches, depth 12 feet, cased to 12, screen 10-12. Highest water level 2.91 below lsd, July 21, 1950; lowest 10.30 below lsd, Nov. 28, 1954. Records available: 1946-54. Measurement discontinued.

101. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 12 N., R. 11 W. Driven observation well in alluvium of the South Canadian River, diameter 1 $\frac{1}{2}$ inches. Highest water level 9.13 below lsd, Oct. 27, 1955; lowest 10.56 below lsd, Sept. 27, 1955. Records available: 1955.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 11	10.34	July 28	10.04	Sept. 27	10.56	Dec. 1	9.52
19	10.34	Aug. 25	10.35	Oct. 27	9.13	27	9.66
June 28	9.30						

Choctaw County

1. Wortham's Bakery. 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, 1950-55.

Jan. 27	120.14	Apr. 30	120.03	July 31	127.41	Oct. 30	121.51
Feb. 27	120.79	June 1	120.20	Aug. 28	126.83	Dec. 17	110.92
Mar. 27	120.47	30	124.90				

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 8 inches, depth 179 feet, cased to 179. Land-surface datum is 4,553 feet above msl. Highest water level 157.44 below lsd, June 9, 1955; lowest 167.80 below lsd, Apr. 22, 1939. Records available: 1939-55. June 9, 157.44.

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 $\frac{1}{2}$ 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: 1946-55. June 9, 5.86.

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 127.10 below lsd, June 9, 1955; lowest 138.24 below lsd, July 21, 1938. Records available: 1938-55. June 9, 127.10.

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: 1938-55. June 9, 146.62.

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, 1954-55.

Apr. 5	133.43	Aug. 2	133.39	Oct. 17	133.40	Nov. 30	133.38
20	133.46	29	133.45	Nov. 1	133.36	Dec. 13	133.41
June 16	133.43	Sept. 21	133.38	15	133.47	19	133.48
July 7	133.41	Oct. 4	133.46				

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 159.31 below lsd, June 9, 1955. Records available: 1951-55. June 9, 159.31.

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: 1938-55.

Apr. 5	35.79	July 7	35.80	Oct. 3	37.24	Nov. 30	35.99
20	35.74	Aug. 1	35.73	18	36.23	Dec. 13	36.14
June 9	35.79	29	36.54	31	36.16	19	36.26
16	35.85	Sept. 21	35.77	Nov. 15	35.88		

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 134.37 below lsd, Apr. 5, 1955; lowest 138.08 below lsd, Nov. 23, 1939. Records available: 1938-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 5	134.37	July 7	136.14	Oct. 4	136.05	Nov. 30	135.87
20	135.20	Aug. 1	136.08	17	136.43	Dec. 13	136.15
June 9	135.38	29	136.02	Nov. 1	136.07	19	136.06
16	136.76	Sept. 22	136.06	15	135.72		

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: 1939-55. June 10, 5.57.

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: 1938-55. June 10, 34.30.

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 $\frac{1}{2}$ 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: 1946-55. June 10, 5.05.

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: 1939-55.

Jan. 25	11.00	Apr. 23	11.85	July 23	9.19	Sept. 17	10.20
Feb. 20	11.22	May 26	7.63	Aug. 24	9.76	Nov. 27	8.56
Mar. 19	12.14	June 27	7.16				

4. City of Norman. Daws St. and Santa Fe Ave. 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, 1942-55.

Jan. 10	295.38	Feb. 28	307.33	June 27	309.79	Sept. 30	324.73
17	292.39	Mar. 28	297.23	July 26	312.09	Nov. 30	319.35
Feb. 7	307.83	May 24	289.66	Aug. 24	313.97		

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: 1940-55.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	151.31	150.67	150.29	149.86	149.79	148.55	148.19	149.25	150.46	151.53	151.07	151.33
2	151.33	150.71	150.29	149.86	149.74	148.55	148.24	149.24	150.43	151.53	151.36	151.11
3	151.32	150.75	150.24	149.76	149.73	148.47	148.33	149.24	150.46	151.50	151.37	151.18
4	151.20	150.67	150.21	149.84	149.77	148.38	148.34	149.30	150.55	151.39	151.29	151.30
5	151.28	150.64	150.34	149.91	149.79	148.31	148.32	149.38	150.60	151.27	151.16	151.34
6	151.33	150.56	150.41	149.97	149.71	148.30	148.32	149.40	150.61	151.35	151.24	151.27
7	151.35	150.65	150.38	149.99	149.69	148.34	148.31	149.41	150.62	151.41	151.36	151.09
8	151.25	150.61	150.35	149.95	149.72	148.31	148.30	149.41	150.68	151.41	151.39	151.24
9	151.18	150.54	150.28	149.93	149.71	148.29	148.38	149.42	150.74	151.35	151.27	151.33
10	151.15	150.67	150.10	149.86	149.70	148.21	148.44	149.45	150.80	151.31	151.12	151.24
11	151.13	150.77	150.10	149.75	149.67	148.23	148.49	149.50	150.81	151.22	151.07	151.32
12	151.15	150.74	150.18	149.65	149.53	148.25	148.52	149.51	150.89	151.16	151.18	151.31
13	151.21	150.72	150.18	149.79	149.52	148.23	148.56	149.57	150.90	151.22	151.30	151.18
14	151.13	150.59	150.11	149.84	149.53	148.22	148.59	149.66	150.94	151.19	151.30	151.20
15	151.03	150.55	150.11	149.81	149.52	148.22	148.61	149.73	150.94	151.13	151.24	151.34
16	150.98	150.49	150.23	149.82	149.45	148.18	148.62	149.74	150.97	151.10	151.42	151.33
17	150.86	150.53	150.20	149.83	149.46	148.18	148.67	149.73	151.05	151.14	151.43	151.01
18	151.01	150.42	150.14	149.80	149.43	148.18	148.70	149.81	151.10	151.13	151.35	151.08
19	151.06	150.38	150.07	149.77	149.29	148.18	148.77	149.88	151.12	151.11	151.38	151.24
20	151.01	150.49	149.99	149.82	149.13	148.17	148.82	149.92	151.12	151.10	151.38	151.24

5--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	150.83	150.51	150.04	149.83	149.08	148.22	148.86	149.94	151.17	151.14	151.31	151.16
22	150.92	150.50	150.03	149.75	149.02	148.18	.....	149.98	151.24	151.10	151.28	151.08
23	150.91	150.47	149.93	149.68	148.94	148.17	.....	150.00	151.27	151.10	151.42	150.96
24	150.82	150.58	149.96	149.80	148.90	148.09	.....	150.04	151.32	151.28	151.42	150.81
25	150.90	150.49	150.10	149.83	148.80	148.07	.....	150.10	151.33	151.12	151.42	150.96
26	150.91	150.31	150.16	149.78	148.65	148.10	149.03	150.16	151.35	151.08	151.40	151.07
27	150.92	150.34	150.14	149.71	148.64	148.18	149.08	150.18	151.37	151.00	151.45	151.01
28	150.86	150.24	149.99	149.79	148.72	148.19	149.11	150.20	151.37	151.08	151.48	151.06
29	150.80		149.95	149.83	148.74	148.17	149.12	150.22	151.35	151.14	151.47	151.20
30	150.77		149.93	149.83	148.67	148.17	149.13	150.35	151.49	151.14	151.48	151.20
31	150.65		149.86		148.55		149.19	150.40		151.08		151.15

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, 415-455. Highest water level 165.43 below lsd, July 7, 1943; lowest 221.74 below lsd, Dec. 23, 1948. Records available: 1943-55. Jan. 26, 202.90; Apr. 29, 206.30; June 28, 206.68; July 25, 212.11; Aug. 24, 211.34.

10. University of Oklahoma well 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, 1942-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	250.28	Feb. 28	245.43	May 30	242.07	Aug. 24	248.54
24	251.22	Mar. 28	250.75	June 27	249.88	Sept. 30	259.61
Feb. 7	249.75	Apr. 25	251.11	July 25	247.44		

11. Mid-Continent Petroleum Co. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 10 N., R. 3 W. Drilled oilfield 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: 1944-55. Jan. 25, 213.50; Feb. 20, 213.05; Mar. 19, 212.81; Apr. 23, 212.50; May 26, 219.24; June 27, 213.73. Measurement discontinued.

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 185.83 below lsd, Nov. 27, 1955. Records available: 1945-55.

Jan. 25	182.29	Apr. 23	182.07	July 23	182.80	Sept. 17	184.47
Feb. 20	182.35	May 26	181.79	Aug. 24	183.72	Nov. 27	185.83
Mar. 19	182.28	June 27	182.27				

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 21-23. Highest water level 1.04 below lsd, June 2, 1947; lowest 10.62 below lsd, Nov. 29, 1954. Records available: 1946-55.

Jan. 25	10.48	Apr. 23	10.27	July 23	9.30	Sept. 17	10.08
Feb. 20	10.45	May 26	8.86	Aug. 24	9.59	Nov. 27	8.65
Mar. 19	10.36	June 27	8.67				

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: 1947-55.

Jan. 26	10.07	Apr. 29	9.22	June 28	8.17	Aug. 24	9.90
Feb. 25	9.56	June 2	8.17	July 25	9.33	Dec. 17	8.81
Mar. 27	9.11						

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. No measurement made in 1955.

Ellis County

1. Patricia 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 39.72 below lsd, June 11, 1955. Records available: 1946-55. June 11, 39.72.

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. Measurement discontinued.

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 29.96 below lsd, June 10, 1955. Records available: 1946-55. June 10, 29.96.

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 $\frac{1}{2}$ 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: 1951-55. June 10, 8.19.

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 $\frac{1}{2}$ 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. 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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	31.56	Apr. 25	30.89	July 29	30.08	Oct. 28	18.85
27	31.44	May 27	31.34	Aug. 26	23.64	Dec. 2	18.23
Feb. 24	21.77	June 27	31.47	Sept. 27	21.00	28	18.14
Mar. 28	24.11						

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 feet above msl. Highest water level 2.49 below lsd, Feb. 28, 1951; lowest 9.08 below lsd, Oct. 28, 1954. Records available: 1950-55.

Jan. 6	8.89	Mar. 28	8.71	June 27	6.88	Oct. 27	8.64
27	8.80	Apr. 25	8.77	July 29	7.62	Dec. 1	7.07
Feb. 24	8.72	May 27	7.85	Aug. 26	8.00	28	7.01

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: 1950-55.

Jan. 6	17.38	Apr. 25	17.26	July 29	14.62	Oct. 28	14.62
27	17.34	May 27	16.37	Aug. 26	15.56	Dec. 2	14.03
Feb. 24	17.32	June 27	15.14	Sept. 27	16.14	28	13.80
Mar. 28	17.30						

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: 1950-55.

Jan. 6	56.89	Apr. 26	56.93	July 29	56.96	Oct. 28	57.06
28	56.89	May 27	56.99	Aug. 26	57.01	Dec. 1	57.08
Feb. 25	56.90	June 28	56.99	Sept. 27	57.02	28	57.08
Mar. 29	56.92						

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: 1950-55.

Jan. 6	49.40	Apr. 26	49.40	July 29	49.38	Oct. 28	49.42
28	49.38	May 27	49.45	Aug. 26	49.40	Dec. 1	49.41
Feb. 25	49.00	June 28	49.80	Sept. 27	49.40	28	49.43
Mar. 29	49.40						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	36.01	Apr. 26	36.10	July 29	36.11	Oct. 28	36.19
28	36.01	May 27	36.10	Aug. 26	36.03	Dec. 1	36.19
Feb. 25	36.02	June 28	36.10	Sept. 27	36.16	28	36.22
Mar. 29	36.10						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	11.00	Apr. 26	10.78	July 29	8.65	Oct. 28	8.60
28	10.96	May 27	8.67	Aug. 26	9.18	Dec. 1	8.56
Feb. 25	10.86	June 28	7.95	Sept. 27	9.78	28	8.66
Mar. 29	10.80						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	47.89	Apr. 26	48.03	July 29	48.03	Oct. 28	48.09
28	47.89	May 27	48.09	Aug. 26	48.07	Dec. 1	48.08
Feb. 25	47.95	June 28	48.12	Sept. 27	48.15	28	48.06
Mar. 29	48.00						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	51.82	Apr. 26	51.95	July 29	51.88	Oct. 28	51.95
28	51.94	May 27	51.98	Aug. 26	51.70	Dec. 1	51.79
Feb. 25	51.98	June 28	51.93	Sept. 27	51.86	28	51.74
Mar. 29	51.99						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	54.80	Apr. 26	54.95	July 29	54.87	Oct. 28	54.64
28	54.74	May 27	55.04	Aug. 26	54.83	Dec. 1	54.62
Feb. 25	54.89	June 28	54.95	Sept. 27	54.69	28	54.40
Mar. 29	55.34						

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 37.19 below lsd, Dec. 28, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	36.89	Apr. 26	37.10	July 29	37.12	Oct. 28	37.16
28	36.90	May 27	37.11	Aug. 26	37.14	Dec. 1	37.18
Feb. 25	36.90	June 28	37.11	Sept. 26	37.14	28	37.19
Mar. 29	37.09						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	33.48	Apr. 26	33.78	July 29	33.89	Oct. 28	33.83
28	33.53	May 27	33.83	Aug. 26	33.88	Dec. 1	33.78
Feb. 25	33.60	June 28	33.85	Sept. 26	33.57	28	33.73
Mar. 29	33.68						

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, April-October 1954. Records available: 1950-54. Measurement discontinued.

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 63.20 below lsd, Aug. 26, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	62.13	Mar. 29	62.17	June 28	62.36	Oct. 28	62.34
28	62.46	Apr. 26	61.32	Aug. 26	63.20	Dec. 1	61.48
Feb. 25	62.63	May 27	61.87	Sept. 27	62.70	28	60.86

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: 1945-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	15.28	Apr. 23	15.45	July 23	15.55	Oct. 23	15.28
Feb. 22	15.18	May 25	14.72	Aug. 23	15.46	Nov. 27	15.42
Mar. 18	15.35	June 28	15.13	Sept. 17	16.32	Dec. 22	15.13

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. 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: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	28.91	Apr. 23	28.79	July 23	27.48	Oct. 23	29.22
Feb. 22	29.01	May 25	28.54	Aug. 23	27.85	Nov. 27	28.77
Mar. 18	29.01	June 28	27.73	Sept. 17	28.29	Dec. 22	28.40

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: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	13.79	Apr. 23	13.99	July 23	13.03	Nov. 27	12.84
Feb. 22	13.58	May 25	12.45	Aug. 23	14.94	Dec. 22	13.00
Mar. 18	13.78	June 28	11.62	Oct. 23	12.94		

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 14.79 below lsd, Jan. 25, 1955. Records available: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	14.79	Apr. 23	13.66	July 23	11.22	Oct. 23	12.41
Feb. 22	14.55	May 25	13.03	Aug. 23	12.01	Nov. 27	10.55
Mar. 18	14.31	June 28	10.94	Sept. 17	12.64	Dec. 22	12.87

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 60.09 below lsd, Oct. 23, 1955. Records available: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	57.49	Apr. 23	57.04	July 23	57.59	Oct. 23	60.09
Feb. 22	57.45	May 25	57.37	Aug. 23	57.69	Dec. 22	58.24
Mar. 18	57.48	June 28	57.85	Sept. 17	57.69		

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 79.50 below lsd, Oct. 23, 1955. Records available: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	78.85	Apr. 23	78.81	July 23	78.85	Oct. 23	79.50
Feb. 22	78.89	May 25	78.87	Aug. 23	79.04	Nov. 27	79.47
Mar. 18	78.98	June 28	78.82	Sept. 17	79.18	Dec. 22	79.11

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: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	2.58	Apr. 23	2.92	July 23	3.56	Oct. 23	2.77
Feb. 22	2.59	May 25	3.56	Aug. 23	3.75	Dec. 22	2.66
Mar. 18	2.73	June 28	3.25				

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 83.41 below lsd, Dec. 29-30, 1955. Records available: 1948-55.

66--Continued.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	82.85	82.85	82.96	.....	82.98	83.02	82.91	83.02	83.12	83.22	83.15	83.03
2	82.88	82.88	82.85	.....	82.97	83.00	82.96	82.97	83.06	83.18	83.38	83.04
3	82.84	82.86	82.80	.....	83.01	82.97	83.00	82.94	83.13	83.15	83.34	83.27
4	82.73	82.88	82.88	.....	83.02	82.92	82.97	83.00	83.14	83.14	83.16	83.31
5	82.91	82.85	83.05	.....	83.03	82.94	82.93	83.05	83.14	83.06	83.10	83.29
6	82.97	82.94	83.07	.....	82.95	82.97	82.89	83.02	83.11	83.22	83.27	83.10
7	82.86	82.93	82.98	.....	83.01	83.00	82.88	83.00	83.09	83.29	83.30	83.26
8	82.81	82.86	82.92	.....	83.02	83.01	82.91	82.95	83.10	83.23	83.30	83.35
9	82.84	82.86	82.78	.....	83.08	83.00	82.96	83.06	83.08	83.17	83.11	83.35
10	82.86	83.11	82.85	.....	83.08	.....	82.96	83.05	83.15	83.16	83.02	83.33
11	82.79	83.05	82.86	.....	83.00	.....	82.96	83.04	83.17	83.08	82.97	83.33
12	82.96	82.97	82.96	.....	83.00	.....	82.96	83.00	83.16	83.18	83.13	83.23
13	82.95	82.90	82.90	.....	83.00	.....	82.97	83.01	83.12	83.21	83.20	83.14
14	82.82	82.89	82.90	.....	83.03	.....	82.96	83.04	83.12	83.16	83.22	83.38
15	82.87	82.76	82.97	.....	82.99	.....	82.93	83.06	83.08	83.05	83.04	83.39
16	82.76	82.89	83.06	.....	82.98	.....	82.95	83.02	83.09	83.18	83.34	83.20
17	82.78	82.86	82.94	.....	82.98	.....	82.96	82.98	83.10	83.20	83.36	83.14
18	82.97	82.77	82.87	.....	82.98	.....	83.02	83.04	83.13	83.17	83.24	83.31
19	82.98	82.90	.....	.....	82.98	.....	83.00	83.05	83.11	83.11	83.29	83.39
20	82.77	82.96	.....	.....	82.95	.....	83.00	83.04	83.07	83.17	83.12	83.26
21	82.84	82.95	.....	.....	82.98	.....	82.96	83.05	83.11	83.23	83.08	83.23
22	82.89	82.92	.....	.....	82.98	.....	82.95	83.06	83.13	83.17	83.27	83.15
23	82.86	82.94	.....	82.96	83.05	.....	82.90	83.05	83.16	83.37	83.37	83.04
24	82.92	83.06	.....	83.02	83.02	.....	82.93	83.03	83.15	83.30	83.28	83.21
25	82.91	82.88	.....	83.02	82.96	.....	82.96	83.08	83.14	83.11	83.32	83.35
26	82.96	82.86	.....	82.97	82.93	.....	83.00	83.09	83.20	83.06	83.17	83.32
27	82.96	82.87	.....	82.94	82.97	.....	83.01	83.04	83.16	83.02	83.37	83.25
28	82.95	82.87	.....	83.08	83.14	82.93	82.99	83.03	83.14	83.17	83.32	83.31
29	82.83	.....	.....	83.11	83.12	82.92	82.97	83.17	83.08	83.13	83.30	83.41
30	82.87	.....	.....	83.07	83.00	82.90	82.96	83.14	83.13	83.17	83.28	83.41
31	82.73	.....	.....	.....	82.94	.....	83.00	83.14	.....	83.03	.....	83.27

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 $\frac{1}{4}$ inches, depth 23 feet. Highest water level 1.00 below lsd, May 31, 1949; lowest 8.90 below lsd, Apr. 23, 1955. Records available: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	8.49	Apr. 23	8.90	July 23	6.38	Nov. 27	5.27
Feb. 20	8.71	May 25	3.68	Aug. 23	6.18	Dec. 22	5.65
Mar. 19	8.68	June 28	5.46	Oct. 23	3.90		

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: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	24.79	Apr. 23	24.40	July 23	23.76	Nov. 27	23.95
Feb. 22	24.67	May 25	22.92	Aug. 23	24.57	Dec. 22	23.88
Mar. 18	24.66	June 28	23.03	Oct. 23	23.37		

Greer County

2. Claude Robertson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 3 N., R. 23 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 60 feet, cased to 6. Highest water level 22.04 below lsd, Nov. 15, 1950; lowest 56.24 below lsd, Mar. 23, 1955. Records available: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	43.85	Mar. 23	56.24	July 27	41.86	Oct. 26	40.45
24	43.82	Apr. 20	47.58	Aug. 24	42.88	Nov. 29	37.88
Feb. 9	45.78	May 25	49.55	Sept. 28	47.58	Dec. 21	37.74
22	43.90	June 24	41.28				

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 Dog Creek shale or Blaine gypsum, 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: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	46.97	Mar. 22	51.53	June 24	50.12	Oct. 26	49.10
24	46.83	Apr. 19	57.60	Aug. 24	59.14	Nov. 29	46.08
Feb. 9	46.67	May 25	52.04	Sept. 28	56.76	Dec. 21	45.05
22	46.74						

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 Dog Creek shale or Blaine gypsum, diameter 14 inches, reported depth 135 feet, cased to 105. Highest water level 89.23 below lsd, Nov. 15, 1950; lowest 103.74 below lsd, Jan. 25, 1955. Records available: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	99.71	Feb. 23	95.90	June 22	94.70	Oct. 24	95.38
25	103.74	Mar. 23	96.81	July 27	94.77	Nov. 29	94.50
Feb. 9	98.96	May 25	100.10	Sept. 29	98.90	Dec. 22	94.15

12. Ivan Owen. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 3 N., R. 23 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, diameter 14 inches, reported depth 105 feet, cased to 105. Highest water level 17.81 below lsd, Nov. 15, 1950; lowest 66.47 below lsd, Apr. 20, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	48.39	Mar. 22	54.62	July 27	44.63	Oct. 26	36.02
24	46.59	Apr. 20	66.47	Aug. 24	55.80	Nov. 29	34.50
Feb. 9	45.60	May 25	45.40	Sept. 28	53.14	Dec. 21	33.98
22	46.29	June 24	38.38				

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 Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 149 feet, cased to 124, screen 40-45. Highest water level 20.24 below lsd, Nov. 16, 1950; lowest 52.49 below lsd, Aug. 25, 1954. Records available: 1950-54. Measurement discontinued.

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 Dog Creek shale or Blaine gypsum, 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. Measurement discontinued.

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 Dog Creek shale or Blaine gypsum, diameter 16 inches, reported depth 200 feet, cased to 200. Highest water level 11.07 below lsd, Nov. 16, 1950; lowest 23.75 below lsd, Jan. 25, 1955. Records available: 1950-55. Jan. 6, 20.98; Jan. 25, 23.75; Feb. 9, 23.70; Feb. 22, 23.75. Measurement discontinued.

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 Dog Creek shale or Blaine gypsum, diameter 16 inches, depth 150 feet, cased to 150. Highest water level 31.29 below lsd, July 26, 1955; lowest 44.99 below lsd, Jan. 25, 1955. Records available: 1950, 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	44.91	Feb. 22	34.96	June 23	27.90	Oct. 25	32.93
25	44.99	Mar. 22	34.42	July 26	31.29	Nov. 29	32.87
Feb. 8	34.41	May 24	34.65	Sept. 29	34.64	Dec. 22	32.35

8. Oscar Bryant. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 2 N., R. 25 W. Drilled irrigation artesian well in Dog Creek shale or Blaine gypsum, reported depth 112 feet. Highest water level 20.27 below lsd, Nov. 16, 1950; lowest 44.49 below lsd, Mar. 22, 1955. Records available: 1950, 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1954	28.73	Feb. 8, 1955	33.36	June 24, 1955	29.61	Oct. 25, 1955	32.33
May 27	28.35	22	33.24	July 26	30.74	Nov. 29	32.39
Dec. 2	33.54	Mar. 22	44.49	Aug. 23	43.53	Dec. 22	32.27
Jan. 25, 1955	33.35	May 24	31.81	Sept. 29	34.32		

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 65.66 below lsd, Mar. 23, 1955. Records available: 1954-55. Jan. 25, 56.23; Mar. 23, 65.66; May 25, 57.74; July 27, 57.88; Oct. 25, 56.38; Nov. 29, 60.85. Measurement discontinued.

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, cased to 140. Highest water level 56.23 below lsd, Jan. 5, 1954; lowest 85.58 below lsd, Sept. 29, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 9	64.14	June 23	67.47	Sept. 29	85.58	Nov. 29	69.51
23	65.13	July 26	65.66	Oct. 25	73.56	Dec. 22	67.03
Mar. 23	68.95						

18. Charles Merida. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ 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, perforations 48-73. Highest water level 45.00 below lsd, Aug. 26, 1953; lowest 73.03 below lsd, Aug. 22, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	52.14	Feb. 22	51.32	June 23	55.72	Oct. 25	69.50
25	51.38	Mar. 23	55.99	July 26	54.65	Nov. 29	57.87
Feb. 8	51.16	May 24	61.72	Aug. 22	73.03	Dec. 22	55.47

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, reported depth 100 feet, cased to 100, perforations 72-100. Highest water level 63.02 below lsd, Dec. 2, 1954; lowest dry at 100.00, Apr. 20, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	71.48	Feb. 22	70.67	May 24	86.18	Oct. 25	84.13
25	70.90	Mar. 22	72.66	June 23	75.45	Nov. 29	77.40
Feb. 8	71.70	Apr. 20	f100.00	July 26	74.28	Dec. 22	74.62

f Dry.

20. Ted and Clay Whorton. 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 63.28 below lsd, Sept. 29, 1955. Records available: 1952, 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1954	43.13	Mar. 22, 1955	51.13	July 26, 1955	49.13	Nov. 29, 1955	54.28
Feb. 9, 1955	51.14	May 24	57.27	Sept. 29	63.28	Dec. 22	52.99
23	51.20	June 23	50.60	Oct. 25	57.25		

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 71.84 below lsd, Feb. 11, 1954; lowest 91.37 below lsd, Sept. 23, 1954. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	76.79	Feb. 22	75.59	June 23	73.14	Oct. 25	77.17
25	80.64	Mar. 22	77.95	July 26	73.30	Dec. 22	75.52
Feb. 8	76.40	May 24	78.03	Sept. 29	83.73		

22. Joe L. Thomas. 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 68.44 below lsd, Aug. 23, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	56.83	Mar. 22	57.42	July 26	56.76	Oct. 25	61.12
25	58.58	May 24	62.10	Aug. 23	68.44	Nov. 29	55.69
Feb. 8	56.17	June 24	56.20	Sept. 29	66.35	Dec. 22	54.80
22	56.04						

23. R. Y. Darnell. Formerly 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 40.45 below lsd, May 24, Sept. 29, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 9, 1953	31.34	Aug. 25, 1954	28.10	May 24, 1955	40.45	Oct. 25, 1955	34.72
Feb. 10, 1954	28.70	Feb. 9, 1955	31.06	June 24	32.62	Nov. 29	33.17
Mar. 25	29.17	22	31.24	July 26	33.57	Dec. 22	30.61
May 27	31.79	Mar. 22	33.40	Sept. 29	40.47		

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: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	40.44	Mar. 22	39.72	July 26	40.95	Oct. 25	45.05
25	39.02	May 24	48.05	Aug. 23	58.40	Nov. 29	40.96
Feb. 8	38.46	June 23	40.14	Sept. 29	56.62	Dec. 22	41.44
22	38.03						

25. J. D. Jones. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 2 N., R. 25 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. Measurement discontinued.

26. Ballard Hill well 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, reported depth 169 feet, cased to 64. Highest water level 60.67 below lsd, May 26, 1954; lowest 70.94 below lsd, Sept. 28, 1955. Records available: 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1954	65.30	Feb. 9, 1955	67.25	May 24, 1955	68.66	Sept. 28, 1955	70.94
Apr. 19	65.68	22	67.48	June 23	63.32	Oct. 25	65.91
Jan. 5, 1955	67.30	Mar. 22	68.69	July 25	64.16	Nov. 29	65.61
25	67.36	Apr. 19	65.68	Aug. 23	69.23	Dec. 21	65.68

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 85.22 below lsd, Sept. 28, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	82.95	Feb. 22	83.47	June 23	77.84	Oct. 25	79.58
25	83.14	Mar. 22	85.02	July 25	82.85	Nov. 29	80.51
Feb. 9	82.76	May 24	80.45	Sept. 28	85.22	Dec. 21	80.87

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 63.63 below lsd, Dec. 21, 1955; lowest 65.90 below lsd, Aug. 26, 1954. Records available: 1954-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	65.21	Mar. 22	65.32	July 26	64.66	Oct. 25	64.27
12	64.34	May 24	64.99	Aug. 22	65.00	Nov. 29	63.70
Feb. 9	65.34	June 23	64.12	Sept. 29	64.90	Dec. 21	63.63
22	65.23						

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 16 inches, depth 150 feet, cased to 83. Highest water level 53.60 below lsd, Feb. 11, 1954; lowest 105.13 below lsd, Sept. 29, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	79.70	Feb. 22	76.78	June 23	81.48	Oct. 25	89.25
25	78.26	Mar. 22	95.65	July 26	88.74	Nov. 29	84.96
Feb. 9	77.14	May 24	92.34	Sept. 29	105.13	Dec. 21	91.90

33. E. H. Mefford. $SW\frac{1}{4}SW\frac{1}{4}$ 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 19.80 below lsd, Jan. 6, 1955; lowest 39.00 below lsd, Aug. 13, 1952. Records available: 1952, 1954-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1954	21.35	Jan. 6, 1955	19.80	Apr. 20, 1955	27.25	Aug. 23, 1955	26.40
Aug. 26	23.20	25	22.51	May 24	21.73	Sept. 29	28.64
Sept. 24	26.37	Feb. 8	22.42	June 24	21.86	Oct. 25	23.62
Oct. 26	23.95	22	23.33	July 26	22.31	Dec. 21	22.37
Dec. 2	23.35	Mar. 22	24.01				

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: 1940-55. June 7, 8.72; Nov. 6, 11.30.

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 1½ 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. No measurement made in 1955.

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 Blaine gypsum, 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: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	41.02	Mar. 23	42.22	July 25	38.42	Oct. 26	32.35
24	39.98	Apr. 21	46.57	Aug. 22	51.77	Nov. 28	31.58
Feb. 8	39.35	May 24	34.50	Sept. 28	47.89	Dec. 21	30.95
22	38.94	June 23	33.39				

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 Dog Creek shale or Blaine gypsum, 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: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 8, 1954	46.08	Feb. 22, 1955	49.74	June 23, 1955	47.15	Sept. 28, 1955	57.68
Jan. 5, 1955	54.01	Mar. 23	52.67	July 27	45.48	Oct. 26	42.74
24	53.14	May 25	50.84	Aug. 24	53.88	Dec. 21	42.00
Feb. 9	50.35						

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 Dog Creek shale or Blaine gypsum, diameter 16 inches, depth 120 feet, cased to 30. Highest water level 26.27 below lsd, June 10, 1948; lowest 43.16 below lsd, Mar. 23, 1955. Records available: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	40.59	Mar. 23	43.16	July 27	36.43	Oct. 26	33.35
24	41.00	Apr. 21	41.00	Aug. 24	40.12	Nov. 29	35.35
Feb. 9	40.88	June 23	34.26	Sept. 28	40.65	Dec. 21	37.07
22	41.13						

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. Measurement discontinued.

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, 1952-55. Jan. 5, 38.81. Measurement discontinued.

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 39.32 below lsd, Aug. 23, 1955. Records available: 1952-55. Measurement discontinued.

Feb. 9, 1954	75.60	Feb. 9, 1955	33.13	Apr. 21, 1955	36.16	July 26, 1955	35.47
Jan. 6, 1955	33.46	22	33.12	May 24	31.47	Aug. 23	39.32
25	33.30	Mar. 22	34.64	June 23	29.11		

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 72.55 below lsd, Dec. 21, 1955; lowest 79.74 below lsd, Apr. 20, 1955. Records available: 1953-55.

Jan. 6	76.49	Mar. 22	79.37	June 24	76.43	Oct. 25	75.20
25	76.86	Apr. 20	79.74	July 26	76.07	Nov. 29	73.17
Feb. 8	76.19	May 24	78.24	Sept. 29	76.29	Dec. 21	72.55
22	79.09						

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 57.70 below lsd, Nov. 29, 1955; lowest 69.56 below lsd, Aug. 23, 1955. Records available: 1953-55.

Jan. 6	62.11	Mar. 22	62.16	July 26	60.92	Oct. 25	58.07
25	62.01	Apr. 20	64.23	Aug. 23	69.56	Nov. 29	57.70
Feb. 8	62.09	May 24	62.29	Sept. 29	62.45	Dec. 21	57.75
22	62.18	June 24	60.84				

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 25.98 below lsd, Aug. 23, 1955. Records available: 1954-55. Measurement discontinued.

Feb. 9, 1954	20.12	Feb. 22, 1955	24.93	June 24, 1955	24.04	Oct. 25, 1955	19.34
Jan. 6, 1955	24.93	Mar. 22	25.08	July 26	24.90	Nov. 29	19.64
25	24.92	Apr. 21	25.40	Aug. 23	25.98	Dec. 21	19.80
Feb. 8	24.92	May 24	24.77	Sept. 29	24.07		

33. John G. Alexander. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, T. 1 S., R. 23 W. Drilled irrigation well in Dog Creek shale or Blaine gypsum, diameter 12 inches, reported depth 92 feet, cased to 100 (caved in). Highest water level 13.52 below lsd, Oct. 25, 1955; lowest 31.49 below lsd, Jan. 6, 1955. Records available: 1953-55.

Feb. 8, 1954	20.16	Feb. 22, 1955	29.78	July 26, 1955	25.94	Oct. 25, 1955	13.52
Jan. 6, 1955	31.49	Mar. 22	30.00	Aug. 23	26.75	Nov. 29	13.60
25	29.62	May 24	21.62	Sept. 29	24.11	Dec. 21	18.30
Feb. 8	29.70	June 23	24.61				

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 23.12 below lsd, Dec. 21, 1955; lowest 24.85 below lsd, Apr. 21, 1955. Records available: 1953-55. Measurement discontinued.

Jan. 6	24.70	Mar. 23	24.78	July 25	24.10	Oct. 26	23.22
24	24.69	Apr. 21	24.85	Aug. 23	24.04	Nov. 28	23.20
Feb. 9	24.67	May 24	24.30	Sept. 29	23.87	Dec. 21	23.12

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: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	ac29.05	Apr. 7	ac28.99	July 7	ac28.70	Oct. 6	27.70
13	ac29.05	14	ac29.03	14	ac28.50	13	27.90
20	ac29.08	21	ac29.06	21	ac28.80	20	28.00
27	ac29.10	28	ac29.08	28	ac28.90	27	28.03
Feb. 3	ac29.10	May 5	ac29.10	Aug. 4	ac28.80	Nov. 3	28.03
10	ac29.10	12	ac28.82	11	ac28.59	10	28.04
17	ac29.12	19	ac28.90	18	ac28.61	17	28.05
24	ac29.13	26	ac28.85	25	ac28.63	24	28.08
Mar. 3	ac29.11	June 2	ac28.75	Sept. 1	28.65	Dec. 1	c27.90
10	ac29.10	9	ac28.86	8	28.64	8	c27.80
14	ac29.09	16	ac28.89	15	28.62	15	c27.70
24	ac29.05	23	ac28.90	22	28.60	22	c27.54
31	ac29.05	30	ac28.90	27	27.80	29	c27.50

a Pumping.

c Nearby well being pumped.

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. Measurement discontinued.

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: 1950-55.

Jan. 5	22.40	Apr. 25	22.73	July 29	21.57	Oct. 28	21.72
27	22.72	May 27	22.73	Aug. 26	21.83	Dec. 2	21.33
Feb. 24	22.72	June 27	21.69	Sept. 27	21.97	28	21.43
Mar. 28	22.61						

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: 1950-55.

Jan. 5	32.99	Mar. 28	32.88	Aug. 26	32.49	Dec. 2	31.84
27	32.96	Apr. 25	32.91	Sept. 26	32.47	28	31.74
Feb. 24	32.96	July 29	32.99	Oct. 28	32.20		

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 11.33 below lsd, Apr. 25, 1955. Records available: 1950-55.

Jan. 5	11.23	Apr. 25	11.33	July 29	10.88	Oct. 28	11.02
27	11.26	May 27	10.93	Aug. 26	11.14	Dec. 2	10.89
Feb. 24	11.31	June 27	10.84	Sept. 27	11.22	28	10.89
Mar. 28	11.28						

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 Hennessy 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. No measurement made in 1955.

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: 1949-55. Jan. 27, 99.03. 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: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	63.38	Apr. 30	61.35	July 30	63.12	Oct. 30	63.22
Feb. 27	62.92	June 1	53.99	Aug. 27	61.77	Dec. 17	63.24
Mar. 27	62.11	30	62.88				

9. Luise 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 several times, 1953-54. Records available: 1950-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	18.17	Apr. 30	15.30	July 30	18.85	Sept. 24	19.48
Feb. 27	17.83	June 1	15.50	Aug. 27	19.18	Oct. 29	19.63
Mar. 27	13.81	30	17.58				

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: 1950-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	11.19	Mar. 26	8.42	June 1	9.36	July 30	13.94
Feb. 27	10.77	Apr. 30	10.93	30	12.64	Aug. 27	14.12

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 several times, 1952-55. Records available: 1950-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	10.14	Apr. 30	10.95	July 30	18.66	Oct. 29	20.41
Feb. 27	11.33	June 1	8.01	Aug. 26	17.63	Dec. 17	(f)
Mar. 26	4.25	30	14.11	Sept. 25	11.30		

f Dry.

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	11.40	Apr. 30	8.36	Aug. 27	10.88	Oct. 29	9.39
Feb. 26	10.70	June 1	7.33	Sept. 25	7.78	Dec. 17	10.57
Mar. 26	8.79	July 30	11.03				

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, Apr. 24, 1952; lowest 11.84 below lsd, Sept. 26, 1954. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	2.21	Apr. 30	0.75	July 30	6.89	Oct. 30	5.84
Feb. 27	.61	June 1	1.15	Aug. 27	9.49	Dec. 17	4.25
Mar. 27	.54	30	4.34				

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	4.97	Apr. 30	3.40	July 30	10.52	Oct. 30	9.88
Feb. 27	3.84	June 1	3.28	Aug. 27	12.39	Dec. 17	12.74
Mar. 27	2.16	30	7.89				

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	3.08	Apr. 30	3.28	July 30	7.00	Oct. 30	6.88
Feb. 27	2.73	June 1	3.01	Aug. 27	8.29	Dec. 17	7.12
Mar. 27	2.43	30	5.06				

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	6.54	Apr. 30	3.69	July 30	7.47	Oct. 30	7.55
Feb. 27	3.85	June 1	3.60	Aug. 27	6.58	Dec. 17	10.18
Mar. 26	2.70	30	6.06	Sept. 25	5.60		

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	1.46	Apr. 30	0.31	July 30	5.04	Oct. 30	5.93
Feb. 27	.66	June 1	.43	Aug. 27	4.77	Dec. 17	7.49
Mar. 26	.38	30	4.72	Sept. 25	.47		

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: 1950-55.

Jan. 27	10.40	Apr. 30	4.52	July 30	10.08	Oct. 30	10.50
Feb. 27	8.83	June 1	6.86	Aug. 27	10.66	Dec. 17	11.13
Mar. 27	4.27	30	8.55				

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 346.68 feet above msl. Highest water level 6.14 below lsd, June 4, 1952; lowest 11.47 below lsd, Nov. 25, 1954. Records available: 1950-55.

Jan. 26	11.33	June 1	9.93	July 30	10.70	Oct. 30	11.02
Mar. 26	10.94	30	10.43	Aug. 27	11.39	Dec. 17	10.81
Apr. 30	10.11						

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 $\frac{1}{2}$ 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 16.58 below lsd, Aug. 27, 1955. Records available: 1950-55.

Jan. 26	15.29	June 1	14.55	July 30	15.32	Oct. 30	15.43
Mar. 26	14.98	30	15.03	Aug. 27	16.58	Dec. 17	15.59
Apr. 30	14.44						

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 $\frac{1}{2}$ 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 20.01 below lsd, June 30, 1955. Records available: 1950-55.

Jan. 26	19.08	June 1	19.00	July 30	19.01	Oct. 30	19.05
Mar. 26	19.08	30	20.01	Aug. 27	19.28	Dec. 17	19.00
Apr. 30	18.53						

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 $\frac{1}{2}$ 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 14.08 below lsd, Aug. 27, 1955. Records available: 1950-55.

Jan. 26	13.50	June 1	11.32	July 30	12.71	Oct. 30	12.32
Mar. 26	11.78	30	12.07	Aug. 27	14.08	Dec. 17	12.84
Apr. 30	10.01						

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 13.94 below lsd, Oct. 3, 1951; lowest 18.73 below lsd, Dec. 17, 1955. Records available: 1951-55.

Jan. 27	17.79	Apr. 30	17.47	July 30	18.03	Oct. 30	18.16
Feb. 27	17.57	June 1	17.42	Aug. 27	18.19	Dec. 17	18.73
Mar. 27	17.55	30	17.64	Sept. 25	18.07		

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: 1950-55.

Jan. 6	22.86	Mar. 28	22.89	June 27	21.87	Dec. 1	22.05
27	22.48	May 26	22.99	Oct. 27	22.63	28	22.13
Feb. 24	22.47						

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 60. Land-surface datum is 1,225.7 feet above msl. Highest water level 22.23 below lsd, Mar. 17, 1952; lowest 25.68 below lsd, Dec. 1, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	24.71	Apr. 25	24.93	July 28	24.43	Oct. 27	24.74
28	24.79	May 26	24.84	Aug. 25	24.75	Dec. 1	25.68
Feb. 25	24.72	June 27	25.58	Sept. 27	25.06	29	24.91
Mar. 28	24.77						

4. W. H. Winfree. 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 22.53 below lsd, May 26, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	22.31	Apr. 26	21.49	July 28	22.24	Oct. 27	22.36
28	22.36	May 26	22.53	Aug. 25	22.21	Dec. 1	22.40
Feb. 25	22.39	June 28	22.40	Sept. 27	22.32	29	22.45
Mar. 29	22.46						

5. U. S. Geol. Survey. NW. cor. sec. 28, T. 20 N., R. 16 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{2}$ 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: 1951-55. June 7, 14.20; Nov. 6, 14.67.

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	11.67	Apr. 26	11.02	July 28	9.23	Oct. 27	9.58
28	11.65	May 26	9.80	Aug. 25	10.36	Dec. 1	10.49
Feb. 25	11.62	June 28	8.69	Sept. 27	11.00	29	11.19
Mar. 29	11.65						

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: 1950-55. Jan. 6, 33.84; Jan. 27, 33.45; Feb. 24, 33.73; Mar. 28, 33.41; Apr. 25, 33.71. Measurement discontinued.

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 several times, 1954-55. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	(f)	May 27	13.99	Aug. 26	13.37	Dec. 1	12.77
27	(f)	June 29	11.31	Sept. 27	14.02	28	12.71
Feb. 24	(f)	July 29	13.27	Oct. 27	12.72		

f Dry.

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 22.44 below lsd, May 27, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	21.67	Apr. 25	22.27	July 29	20.95	Oct. 28	21.44
27	21.85	May 27	22.44	Aug. 26	21.07	Dec. 2	21.61
Feb. 24	21.90	June 27	21.39	Sept. 27	21.79	28	21.70
Mar. 28	22.13						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	10.13	Apr. 26	9.94	July 28	5.27	Oct. 27	6.42
28	10.10	May 26	7.37	Aug. 25	6.63	Dec. 1	6.38
Feb. 25	9.94	June 27	3.58	Sept. 27	6.65	29	6.37
Mar. 28	9.88						

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 several times, 1951-53, 1955. Records available: 1950-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	37.25	Feb. 25	37.00	Apr. 26	(f)	June 28	(f)
28	37.00	Mar. 28	(f)	May 26	(f)	July 29	(f)

f Dry.

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	22.51	Apr. 25	22.67	July 29	21.18	Oct. 28	20.68
27	22.56	May 27	22.60	Aug. 26	20.97	Dec. 2	20.37
Feb. 24	22.70	June 27	21.87	Sept. 27	20.97	28	20.32
Mar. 28	22.60						

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, Sept. 20, 1950; lowest 14.66 below lsd, Dec. 28, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	14.38	Apr. 25	14.62	July 29	14.37	Oct. 28	14.34
27	14.43	May 27	14.45	Aug. 26	14.35	Dec. 2	14.49
Feb. 24	13.51	June 27	14.43	Sept. 27	14.33	28	14.66
Mar. 28	14.60						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	25.79	Apr. 25	25.49	July 29	21.70	Oct. 28	21.70
27	25.73	May 27	19.84	Aug. 26	22.25	Dec. 2	22.13
Feb. 24	25.72	June 27	18.90	Sept. 27	21.76	28	22.37
Mar. 28	25.52						

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 33.79 below lsd, Sept. 27, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	32.25	Apr. 25	32.82	July 29	33.13	Oct. 27	33.54
27	32.37	May 27	33.12	Aug. 26	33.48	Dec. 1	33.52
Feb. 24	32.66	June 27	33.21	Sept. 27	33.79	28	33.46
Mar. 28	32.70						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	65.57	Apr. 26	65.63	July 28	65.57	Oct. 27	66.31
28	65.60	May 26	65.44	Aug. 25	65.42	Dec. 1	66.33
Feb. 25	65.50	June 27	65.54	Sept. 27	66.80	29	66.26
Mar. 28	65.61						

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: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	20.75	Apr. 26	20.54	July 28	19.70	Oct. 27	20.32
28	20.70	May 26	20.40	Aug. 25	20.11	Dec. 1	20.08
Feb. 25	20.65	June 28	20.00	Sept. 27	20.40	29	19.99
Mar. 29	20.56						

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 25.89 below lsd, Dec. 29, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	22.63	Mar. 29	23.26	June 28	24.22	Oct. 27	24.95
28	22.64	Apr. 26	24.04	July 28	24.26	Dec. 1	25.40
Feb. 25	23.05	May 26	24.09	Aug. 25	23.96	29	25.89

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 34.55 below lsd, Dec. 29, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	31.78	Apr. 25	32.15	July 28	32.63	Oct. 27	34.12
28	31.84	May 26	32.26	Aug. 25	33.29	Dec. 1	34.38
Feb. 25	31.78	June 27	32.50	Sept. 27	33.76	29	34.55
Mar. 28	31.87						

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 33.93 below lsd, Oct. 27, 1955. Records available: 1950-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	26.42	Apr. 25	30.77	July 28	32.44	Oct. 27	33.93
28	26.67	May 26	26.94	Aug. 25	33.34	Dec. 1	33.92
Feb. 25	26.37	June 27	31.13	Sept. 27	33.84	29	33.34
Mar. 28	26.49						

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. Measurement discontinued.

Oklahoma County

1. Josaline 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. No measurement made in 1955.

2. Sunray Oil Co. NW $\frac{1}{4}$ SE $\frac{1}{4}$ 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: 1943-55.

Jan. 21	183.78	Apr. 23	181.14	July 25	201.86	Oct. 23	195.30
Feb. 21	181.22	May 26	187.80	Aug. 24	199.74	Nov. 27	189.70
Mar. 19	180.55	June 27	196.50	Sept. 17	204.35	Dec. 31	186.10

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: 1943-55.

Jan. 21	207.90	Apr. 23	204.95	July 25	225.77	Oct. 23	222.43
Feb. 21	206.23	May 26	215.41	Aug. 24	229.53	Nov. 27	215.91
Mar. 19	205.71	June 27	220.13	Sept. 17	229.00	Dec. 31	214.00

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 254.36 below lsd, Aug. 30, 1955. Records available: 1944-55.

Daily lowest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	218.55	214.30	217.44	226.02	227.90	233.10	251.00	252.73	248.75	246.95	241.12
2	.....	218.49	213.39	216.52	226.50	228.80	233.19	251.78	251.80	248.60	246.81	240.23
3	219.55	214.39	213.35	216.42	228.68	228.88	233.65	251.90	251.52	.....	246.80	240.55
4	219.39	215.92	213.35	219.20	228.59	228.35	234.09	252.16	252.15	.....	246.45	240.84
5	219.21	215.47	213.04	219.92	228.90	230.25	234.70	252.03	252.40	.....	246.13	240.60
6	218.29	215.08	212.79	220.10	230.22	229.86	235.68	252.02	252.53	.....	245.83	239.93
7	217.25	215.08	212.50	220.73	230.05	229.80	236.28	251.25	252.61	.....	244.50	239.70
8	217.35	216.53	214.41	220.60	230.33	229.46	237.27	251.43	252.38	.....	244.35	239.73
9	218.70	217.25	213.60	220.61	229.95	227.72	237.65	251.35	253.12	.....	244.28	239.73
10	217.36	213.25	212.88	221.28	228.57	.....	238.48	251.45	252.57	246.55	243.30	239.79
11	217.53	.....	214.98	219.90	227.85	.....	239.07	250.83	252.23	246.64	242.19	239.88
12	217.85	.....	215.21	221.10	228.20	.....	240.10	250.58	251.56	246.55	243.35	238.60
13	.....	.....	216.15	221.15	229.15	226.95	240.80	250.39	251.37	246.96	243.59	239.11
14	.....	213.73	216.20	220.19	228.13	227.96	241.43	250.55	250.10	246.85	242.22	239.00
15	.....	213.94	216.38	221.08	228.19	228.02	242.00	.....	250.10	246.28	242.30	239.14
16	.....	213.52	217.27	221.35	228.18	228.35	242.08	.....	251.96	246.52	242.40	237.41
17	218.72	212.64	217.15	224.91	227.40	227.65	.....	.....	251.80	245.95	243.30	237.89
18	218.27	213.82	.....	224.56	226.75	228.22	241.32	.....	251.30	245.22	243.30	238.10
19	218.33	214.15	.....	223.70	225.75	228.20	240.35	.....	251.10	245.15	242.66	238.46
20	218.35	216.18	.....	224.70	225.23	227.35	240.58	.....	251.05	244.00	242.75	237.30
21	218.36	215.79	218.02	224.79	225.42	227.57	241.04	.....	250.36	244.80	242.54	237.78
22	218.54	215.15	.....	225.70	227.14	227.58	242.42	253.41	250.83	244.45	243.50	237.76
23	.....	213.74	.....	227.43	227.82	229.95	244.60	253.92	250.44	243.61	243.53	238.21
24	217.08	214.06	.....	226.60	227.82	229.95	.....	253.71	250.23	243.39	244.18	235.32
25	218.13	212.89	.....	227.60	227.67	231.58	245.73	253.55	250.20	244.95	242.90	236.75

4--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	217.70	214.11	.....	227.13	228.05	232.20	245.80	254.25	249.45	246.18	242.05	235.85
27	213.03	216.75	.....	226.95	228.33	232.34	246.13	254.25	250.80	246.80	242.09	232.72
28	.....	216.68	216.88	226.60	226.50	231.22	246.75	254.06	250.47	246.62	241.75	235.21
29	.....	.....	217.23	225.76	226.05	231.65	247.19	253.71	249.20	246.89	241.27	235.80
30	.....	.....	216.88	225.14	227.20	232.01	247.95	254.36	249.25	246.80	241.13	230.63
31	216.65	.....	215.95	.....	228.07	.....	249.55	253.86	.....	246.85	.....	235.30

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: 1942-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21	12.47	Mar. 17	15.00	May 26	14.87	July 16	13.08
Feb. 17	15.17	Apr. 15	14.50	June 29	13.42	Aug. 31	13.08

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: 1942-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21	12.50	Mar. 17	14.77	May 26	14.42	July 16	12.85
Feb. 17	14.83	Apr. 15	14.08	June 18	13.76	Aug. 31	12.85

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: 1944-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21	9.00	Apr. 23	9.05	July 23	9.38	Oct. 23	7.24
Feb. 20	8.87	May 25	10.67	Aug. 24	9.09	Nov. 27	6.86
Mar. 19	8.74	June 27	9.88	Sept. 17	8.88	Dec. 31	6.79

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: 1945-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21	35.93	Apr. 23	35.90	July 23	35.69	Oct. 23	35.63
Feb. 20	36.01	May 25	35.95	Aug. 24	35.70	Nov. 27	35.52
Mar. 19	35.94	June 27	35.86	Sept. 17	35.74	Dec. 31	35.33

15. Oklahoma City Water Department well 23. S $\frac{1}{4}$ cor. 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 22.44 below lsd, Apr. 23, 1955. Records available: 1943-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21	22.24	Apr. 23	22.44	July 23	21.82	Oct. 23	21.58
Feb. 20	22.27	May 25	22.37	Aug. 24	21.78	Nov. 27	21.31
Mar. 19	22.37	June 27	22.03	Sept. 17	21.88	Dec. 31	21.33

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 8 inches (1 $\frac{1}{4}$ -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: 1934-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	6.40	Apr. 26	6.17	July 29	6.44	Nov. 2	6.73
Feb. 23	6.58	May 30	5.11	Sept. 7	7.01	Dec. 1	6.68
Mar. 28	6.40	June 27	5.70	30	6.86	28	6.81

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: 1934-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	12.18	Apr. 26	12.69	July 29	11.35	Nov. 2	12.13
Feb. 23	12.44	May 30	10.80	Sept. 3	11.67	Dec. 1	12.43
Mar. 28	12.48	June 27	10.56	30	11.87	28	12.59

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 24.30 below lsd, Nov. 2, Dec. 1, 28, 1955. Records available: 1934-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	24.57	Apr. 26	23.93	July 29	24.00	Nov. 2	24.30
Feb. 23	23.75	May 30	23.95	Sept. 7	24.18	Dec. 1	24.30
Mar. 28	23.88	June 27	23.94	30	24.23	28	24.30

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: 1934-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	24.80	Apr. 26	25.12	July 29	22.93	Nov. 2	25.00
Feb. 23	24.89	May 30	14.71	Sept. 7	24.31	Dec. 1	25.05
Mar. 28	25.01	June 27	20.65	30	24.77	28	25.00

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: 1934-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	21.72	Apr. 26	22.82	July 29	20.54	Nov. 2	20.94
Feb. 23	22.05	May 30	21.01	Sept. 7	21.03	Dec. 1	20.68
Mar. 28	22.55	June 27	20.24	30	21.12	28	20.94

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: 1934-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	25.55	Apr. 26	25.56	July 29	25.60	Nov. 2	26.00
Feb. 23	25.58	May 30	25.78	Sept. 7	25.69	Dec. 1	25.55
Mar. 28	25.70	June 27	25.80	30	25.74	28	25.80

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. No measurement made in 1955.

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 22.94 below lsd, Dec. 28, 1955. Records available: 1951-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	22.47	Apr. 26	22.66	July 29	22.69	Nov. 2	22.75
Feb. 23	22.53	May 30	22.67	Sept. 7	22.73	Dec. 1	22.88
Mar. 28	22.60	June 27	22.66	30	22.77	28	22.94

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 $\frac{1}{2}$ inches, depth 16 feet, cased to 16, screen 14-16. Highest water level 1.89 below lsd, May 17, 1949; lowest 9.04 below lsd, June 11, 1955. Records available: 1947-55. June 11, 9.04.

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 25.71 below lsd, June 11, 1955. Records available: 1949, 1951-55. Dec. 3, 1954, 24.05; June 11, 1955, 25.71.

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 92.23 below lsd, May 31, 1955; lowest 115.88 below lsd, Sept. 28, 1948. Records available: 1948-55.

1--Continued.

Daily lowest water level from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	96.00	Feb. 5	94.59	Feb. 24	94.49	Mar. 31	95.03
10	95.84	6	94.60	25	95.35	Apr. 1	95.37
17	95.08	7	94.92	Mar. 2	94.34	2	94.39
20	h94.82	8	96.15	3	95.00	3	93.78
21	96.10	9	95.36	4	95.71	4	93.65
22	96.48	10	95.14	5	94.88	5	93.82
23	95.65	11	94.85	7	95.61	6	93.83
24	95.10	12	94.63	8	96.10	11	94.80
25	95.15	13	95.18	9	95.10	18	93.80
26	95.10	14	94.76	10	94.45	26	94.12
27	95.16	15	94.61	11	94.36	May 31	h92.23
28	95.02	16	94.60	12	94.36	June 29	h93.24
29	95.00	17	95.34	13	94.30	July 29	h96.99
30	95.98	18	96.02	14	94.20	Aug. 26	h95.90
31	96.29	19	95.24	22	94.24	Sept. 23	h97.55
Feb. 1	95.36	20	94.87	28	93.80	Oct. 31	h94.50
2	95.18	21	94.80	29	h93.66	Nov. 29	h94.34
3	95.15	22	94.63	30	93.64	Dec. 16	h93.17
4	95.03	23	94.42				

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: 1937-55. June 9, 86.86.

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: 1939-55. June 10, 9.28.

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, 1954-55. June 10, 7.25.

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: 1939-55. June 10, 9.30.

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: 1937-55. June 10, 8.28.

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. No measurement made in 1955.

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: 1946-55.

Jan. 12	7.23	Mar. 1	5.60	June 10	4.58	Oct. 3	6.92
20	7.12	8	5.54	15	5.03	14	7.02
26	6.90	22	5.40	July 7	5.30	24	7.40
Feb. 9	5.93	Apr. 13	5.33	29	5.48	Nov. 8	6.93
14	5.83	20	5.38	Aug. 22	6.06	23	6.77
18	5.74	May 12	5.47	Sept. 15	6.09	Dec. 12	6.42

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 86.31 below lsd, Aug. 1, 1955; lowest 89.40 below lsd, Oct. 30, 1944. Records available: 1938, 1942-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 4	86.45	July 7	86.50	Oct. 3	86.57	Nov. 30	86.24
20	86.49	Aug. 1	86.31	18	86.37	Dec. 13	86.36
June 9	86.33	29	86.61	31	86.58	19	86.37
16	86.37	Sept. 21	86.33	Nov. 15	86.52		

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: 1937-55. June 10, 41.78.

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 14-16. Highest water level 9.04 below lsd, May 7, 1951; lowest 11.03 below lsd, May 23, 1950. Records available: 1946-54. No measurement made in 1955.

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, 1949-55. June 10, 66.36.

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, 1952-55. June 9, 142.07.

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 74.75 below lsd, Nov. 15, 1955; lowest 78.78 below lsd, May 18, 1946. Records available: 1946-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 4	75.14	July 7	74.94	Oct. 3	74.77	Nov. 30	74.72
20	75.04	Aug. 1	74.87	18	76.98	Dec. 13	74.99
June 9	74.97	29	74.86	31	74.93	19	74.84
16	74.93	Sept. 21	75.01	Nov. 15	74.75		

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 151.90 below lsd, June 9, 1955; lowest 152.49 below lsd, May 21, 1952. Records available: 1952-55. June 9, 151.90.

497. R. M. Van Hyning. 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 95.15 below lsd, June 8, 1955; lowest 104.06 below lsd, Sept. 20, 1938. Records available: 1937-55. June 8, 95.15.

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 111.96 below lsd, June 8, 1955; lowest 119.70 below lsd, Nov. 23, 1940. Records available: 1937-55. June 8, 111.96.

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: 1946-55. June 9, 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: 1937-55. June 8, 86.03.

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. 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: 1937-55. June 8, 102.12.

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, 1952-55. June 9, 104.30.

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: 1944-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	26.88	Apr. 18	26.07	Aug. 1	27.92	Sept. 19	31.18
10	26.78	25	26.21	1	27.91	26	27.93
17	26.62	May 2	26.28	7	33.52	Oct. 3	29.57
24	26.55	9	32.58	8	30.57	10	28.24
31	26.59	16	27.98	12	34.16	17	27.56
Feb. 7	26.55	23	26.79	15	30.74	24	27.06
14	26.48	30	26.28	20	34.06	31	26.82
21	26.45	June 6	26.04	22	34.26	Nov. 7	26.62
28	26.38	13	25.82	25	31.64	14	26.46
Mar. 7	26.36	20	25.77	26	34.37	21	27.18
14	26.29	27	25.77	27	33.66	28	27.14
21	26.17	July 4	25.76	29	32.84	Dec. 5	26.14
28	26.21	11	25.94	29	33.52	12	25.98
Apr. 4	26.17	18	27.47	Sept. 5	31.80	19	26.04
11	26.07	25	29.88	12	32.27	26	25.84

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 11.41 below lsd, Sept. 30, 1955. Records available: 1949-55.

Jan. 24	10.40	May 23	9.99	Sept. 30	11.41	Nov. 28	9.30
Feb. 21	10.25	June 21	9.47	Oct. 24	10.11	Dec. 19	9.12
Apr. 18	9.95						

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, 1952-55.

Jan. 24	24.10	Mar. 25	24.15	Sept. 30	25.72	Nov. 28	25.08
Feb. 21	24.09	Apr. 18	24.70	Oct. 24	24.95	Dec. 19	27.23

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. 25, 1954. Records available: 1949-55. Jan. 24, 25.60; Feb. 21, 25.53; Apr. 18, 25.57. Measurement discontinued.

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 32.72 below lsd, Sept. 30, 1955. Records available: 1952-55.

Jan. 24	25.17	Apr. 18	23.60	Sept. 30	32.72	Nov. 28	27.59
Feb. 21	24.77	June 21	23.86	Oct. 24	29.68	Dec. 19	27.01

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 29.64 below lsd, Dec. 19, 1955; lowest 34.50 below lsd, Dec. 9, 1952. Records available: 1952-55.

Jan. 24	30.20	Apr. 18	30.08	July 25	30.32	Oct. 24	31.08
Feb. 21	29.92	May 23	29.95	Aug. 22	31.25	Nov. 28	30.30
Mar. 25	30.09	June 21	29.58	Sept. 30	31.05	Dec. 19	29.64

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 6.92 below lsd, Oct. 24, 1955; lowest 12.15 below lsd, June 4, 1953. Records available: 1953-55.

Jan. 24	11.94	Apr. 18	11.90	Aug. 22	10.13	Nov. 28	8.33
Feb. 21	11.96	June 21	7.83	Sept. 30	11.10	Dec. 19	8.66
Mar. 25	11.91	July 25	9.10	Oct. 24	6.92		

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 27.94 below lsd, May 23, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	27.66	Apr. 18	27.88	July 25	27.72	Oct. 24	27.38
Feb. 21	27.70	May 23	27.94	Aug. 22	27.65	Nov. 28	26.62
Mar. 25	27.83	June 21	27.86	Sept. 30	27.68	Dec. 19	26.37

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 22.38 below lsd, Sept. 30, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	21.89	May 23	21.92	Aug. 22	22.17	Nov. 28	21.75
Feb. 21	21.84	June 21	22.00	Sept. 30	22.38	Dec. 19	21.64
Apr. 18	21.80	July 25	21.79	Oct. 24	21.98		

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: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	22.28	May 23	21.97	Sept. 30	21.82	Nov. 28	20.90
Feb. 21	22.41	July 25	21.72	Oct. 24	20.98	Dec. 19	20.88
Apr. 18	22.61						

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 27.85 below lsd, Aug. 22, 1955. Records available: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	25.38	May 23	25.37	Aug. 22	27.85	Nov. 28	26.33
Feb. 21	25.19	June 21	25.11	Sept. 30	27.33	Dec. 19	26.19
Apr. 18	25.10	July 29	26.18	Oct. 24	26.73		

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 37.25 below lsd, Aug. 22, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	34.35	June 21	34.60	Aug. 22	37.25	Nov. 28	34.81
Feb. 21	34.26	July 25	35.40	Oct. 24	35.58	Dec. 19	34.04
Apr. 18	34.23						

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: 1952-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	31.72	Apr. 18	30.49	July 25	30.34	Nov. 28	30.75
Feb. 21	30.58	May 23	30.56	Sept. 30	31.94	Dec. 19	30.54
Mar. 25	30.58	June 21	30.40	Oct. 24	31.28		

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 35.63 below lsd, Oct. 24, 1955. Records available: 1953-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	35.23	Apr. 18	35.36	Aug. 22	35.58	Nov. 28	35.49
Feb. 21	35.22	May 23	35.45	Sept. 30	35.62	Dec. 19	35.45
Mar. 25	35.25	June 1	35.50	Oct. 24	35.63		

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: 1949-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14	124.98	June 10	123.82	Sept. 10	124.61	Nov. 12	123.95
Mar. 11	123.89	July 15	124.13	Oct. 15	124.24	Dec. 10	124.37
Apr. 15	123.99						

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: 1951-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14	75.54	Apr. 15	75.70	July 15	75.73	Nov. 12	75.81
Feb. 11	75.75	May 13	75.74	Sept. 10	75.72	Dec. 10	75.81
Mar. 11	75.62	June 10	75.75	Oct. 15	75.59		

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 18 inches, depth 27 feet. Highest water level 1.35 below lsd, Oct. 31, 1946; lowest 6.81 below lsd, July 31, 1954. Records available: 1945-55. June 7, 5.54; Nov. 6, 6.33.
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 $\frac{1}{4}$ inches, depth 17 feet, cased to 17, screen 15-17. Highest water level 9.79 below lsd, July 9, 1951; lowest 15.36 below lsd, July 23, 1953. Records available: 1951-55. June 7, 12.90; Nov. 6, 13.56.
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 $\frac{1}{4}$ inches, depth 13 feet, cased to 13, screen 11-13. Highest water level 3.36 below lsd, Apr. 23, 1951; lowest 6.49 below lsd, Nov. 6, 1955. Records available: 1951-55. June 7, 4.13; Nov. 6, 6.49.
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: 1951-55. June 7, 4.38; Nov. 6, 7.73.
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 6.95 below lsd, Nov. 6, 1955. Records available: 1952-55. June 7, 5.02; Nov. 6, 6.95.
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 10.38 below lsd, Nov. 6, 1955. Records available: 1952-55. June 7, 7.54; Nov. 6, 10.38.

TEXAS

By B. W. Swartz and C. R. Follett

Scope of Water-Level Program

The observation-well program in Texas, begun in 1929 in cooperation with the Texas Board of Water Engineers, was expanded about 5 percent during 1955. Water-level measurements were made in about 3,000 wells, 52 of which are equipped with recording gages. Figures 27-42 show the location of observation wells in Texas.

The following bulletins were released by the Texas Board of Water Engineers during 1955: 5501, Records of wells and springs, drillers' logs, water analyses, and map showing location of wells and springs in Hays County; 5502, Geology and ground-water resources of Galveston County; 5503, Records of water-level measurements in Haskell and Knox Counties.

Precipitation

The average yearly precipitation in Texas, which decreases from east to west, may be roughly divided into three zones: east of the 97th meridian, humid to subhumid; the 97th to the 101st meridian, subhumid to semiarid; and west of the 101st meridian, semiarid to arid. According to records of the U. S. Weather Bureau, 1955 was the sixth consecutive year of drought in large areas of Texas. Statewide precipitation was 82 percent of normal, a deficit of 4.75 inches or about 68½ million acre-feet of water. On a statewide basis, above-normal precipitation was recorded in February, May, July, and September. February, the wettest month, had 21 percent above normal precipitation. November and December, the driest, had 34 and 35 percent of normal, respectively. The maximum departure from normal was -16.41 inches at Anderson. Fabens in west Texas had the least rainfall (5.74 inches) for the second consecutive year. Bon Wier in east Texas had the greatest amount of rainfall (65.34 inches).

Interpretation of Water-Level Fluctuations

El Paso County. --Water-level declines in 32 observation wells in the Hueco bolson averaged about 1.5 feet in 1955, ranging from 0.16 foot in well M-5 to 4.83 feet in well V-15. About 57,000 acre-feet of water was pumped to irrigate 18,000 acres and to furnish part of the municipal supply for El Paso. The change in water levels in 63 observation wells in the upper valley ranged from a rise of 0.24 foot in well K-4 to a decline of 2.64 feet in well Q-55. The decline in 10 observation wells in the city of El Paso artesian well field, which is at the south end of the upper valley, ranged from 6.67 feet in well 21 to 11.43 feet in well 52. In the lower valley, about 163,000 acre-feet of water was pumped from 500 wells to irrigate 52,500 acres. Water-level declines in 16 observation wells ranged from 0.8 foot in well FF-2 to 4.2 feet in well AA-3. Figure 43 shows the change in water levels in wells 136, 75b, and 52.

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 use in the Houston, Pasadena, and Ship Channel areas and for irrigation in the rice-growing areas west and north of Houston. All wells draw water from sands that crop out 20 to 50 miles west, northwest, north, and northeast of the city of Houston. Water levels are measured periodically in about 320 observation wells in the district.

Pumpage of ground water for municipal supply decreased in 1955 because of the increased use of surface water from Lake Houston. Irrigation pumpage in the rice-growing area decreased because of frequent showers during the growing season. However, water levels declined during 1955, although at a much slower rate than in previous years. Locally, the water level rose as much as 16 feet and, in some areas, declined as much as 18 feet. Figure 44 shows the change in water levels in wells 619 and 759 from 1931 to 1955. The water level in well 619 declined from a high of 46.86 in April 1933 to a low of 187.93 in August 1954. The high for 1955 was 168.85 in March; the low was 184.83 in September. The water level in well 759 declined from a high of 55.95 in May 1932 to a low of 235.56 in September 1953. The water level in this well rose from 232.5 in June 1954 to 230.0 in February 1955.

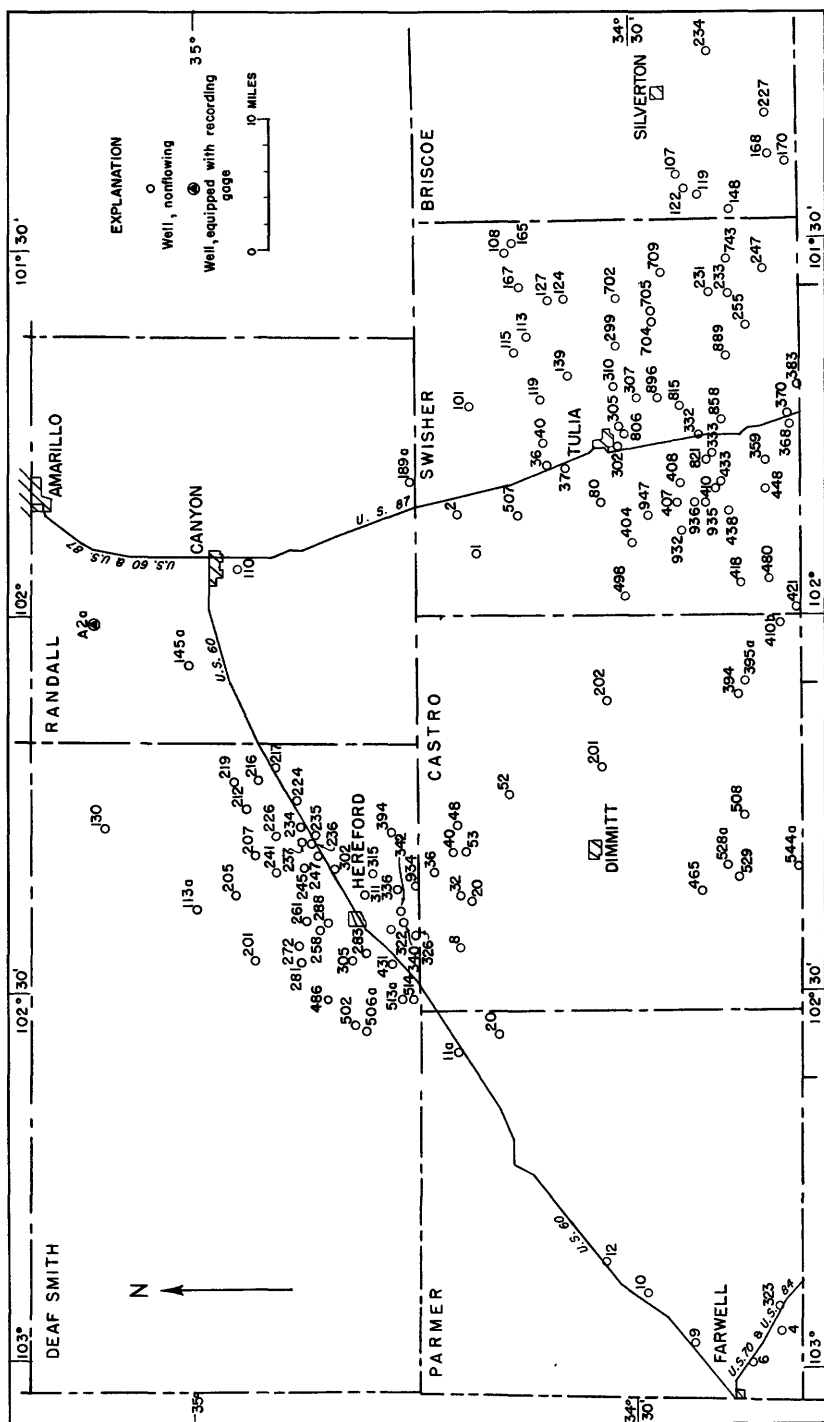


Figure 27. --Location of observation wells in Deaf Smith, Randall, Parmer, Castro, Swisher, and Briscoe Counties, Tex., 1955.

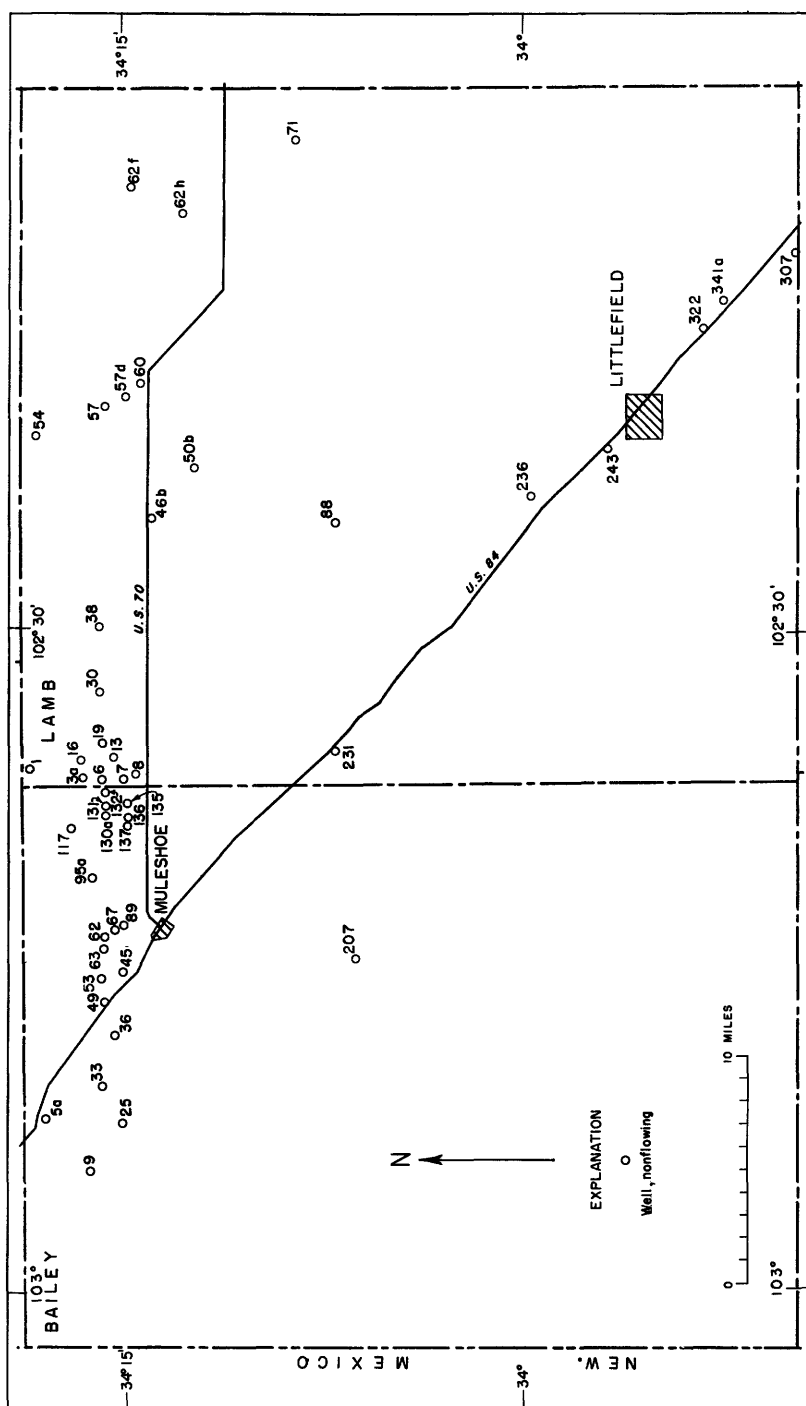


Figure 28. --Location of observation wells in Bailey and Lamb Counties, Tex., 1955.

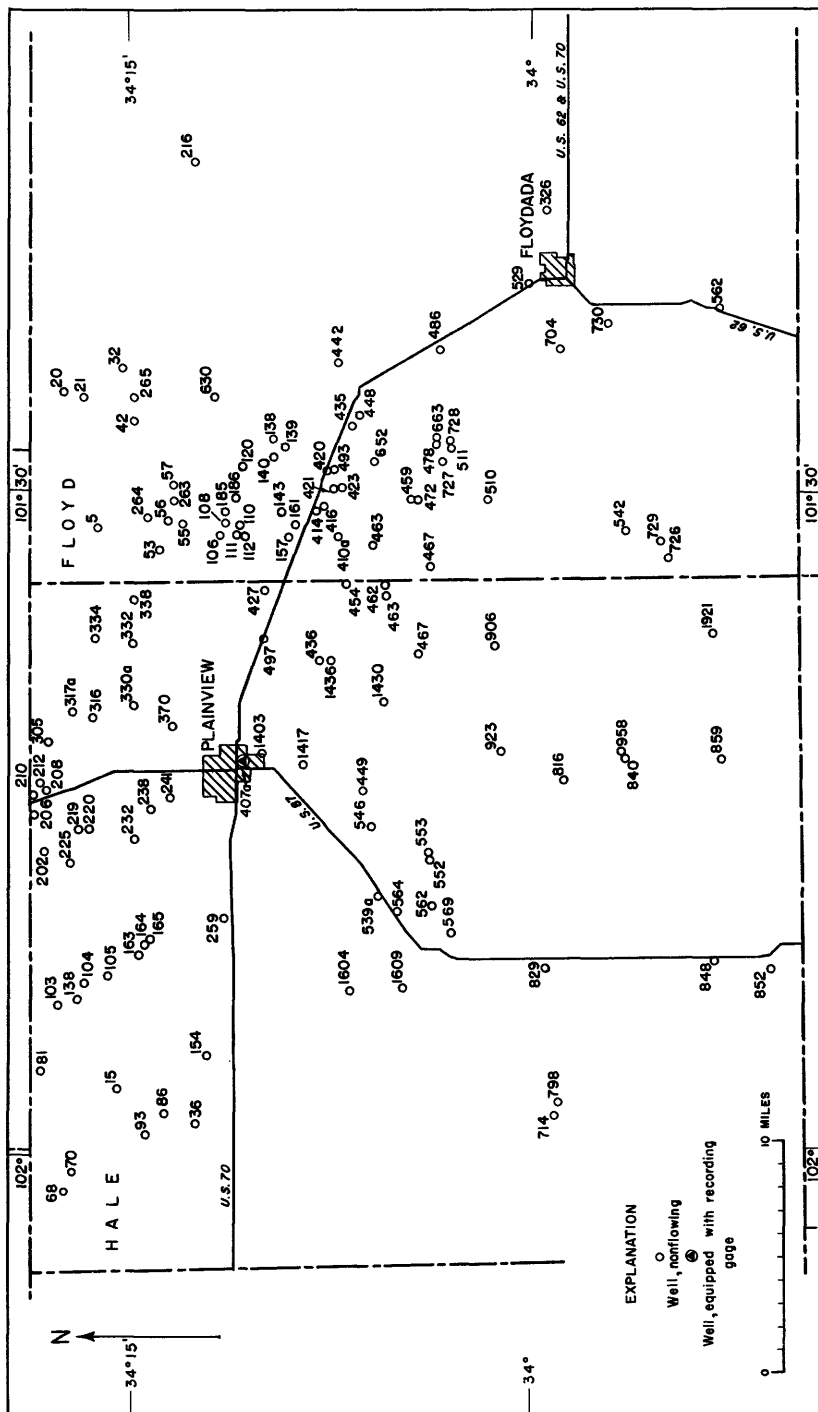


Figure 29. --Location of observation wells in Hale and Floyd Counties, Tex., 1955.

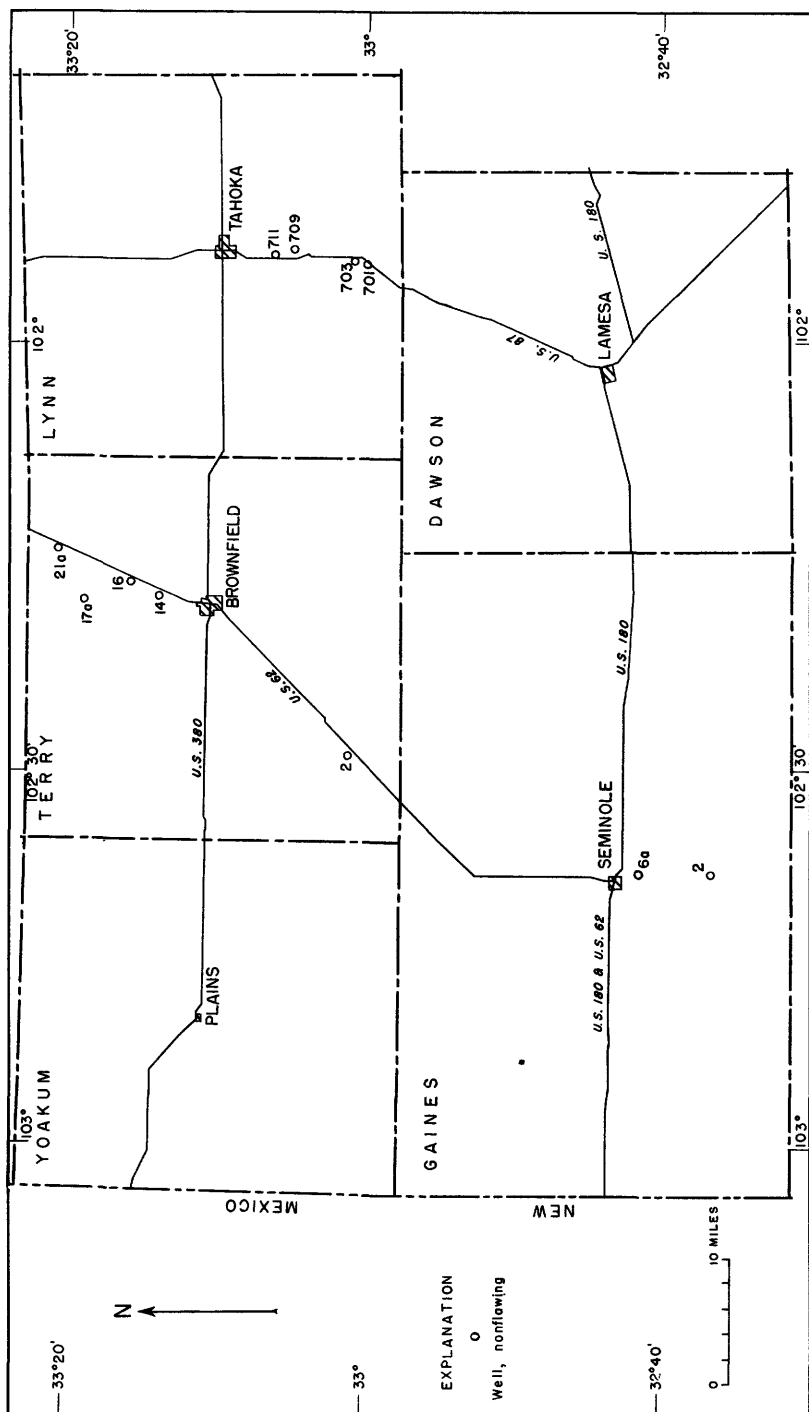


Figure 31. -- Location of observation wells in Terry, Lynn, and Gaines Counties, Tex., 1955.

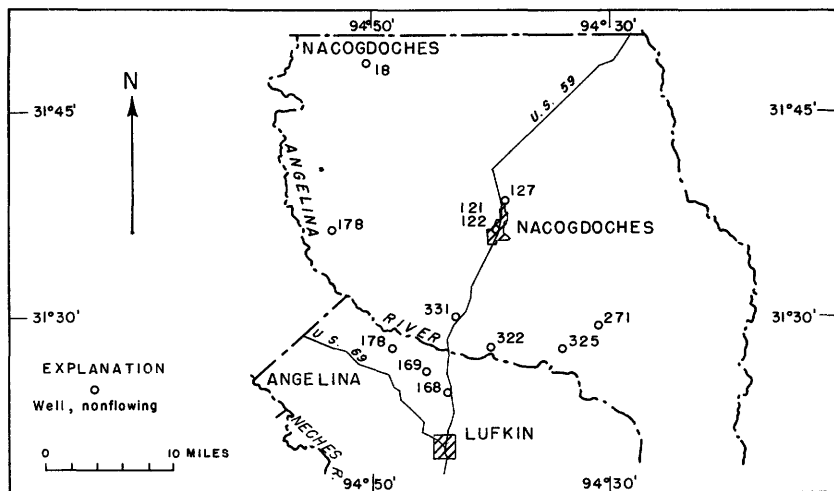
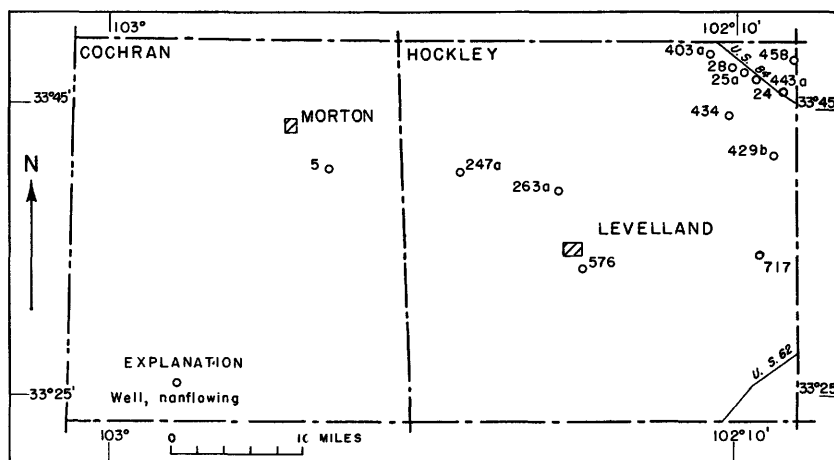
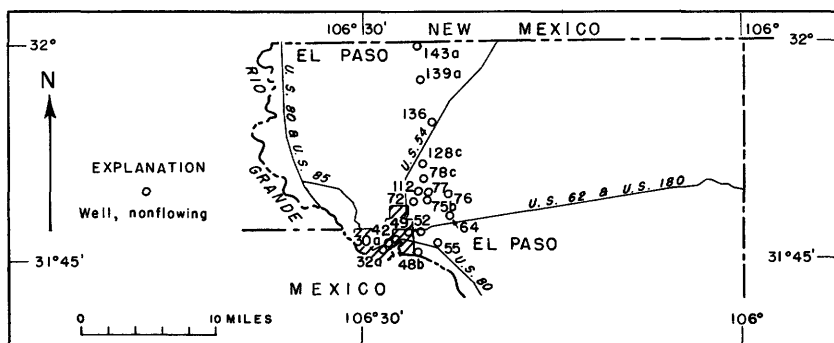


Figure 32. --Location of observation wells in El Paso, Cochran, Hockley, Nacogdoches, and Angelina Counties, Tex., 1955.

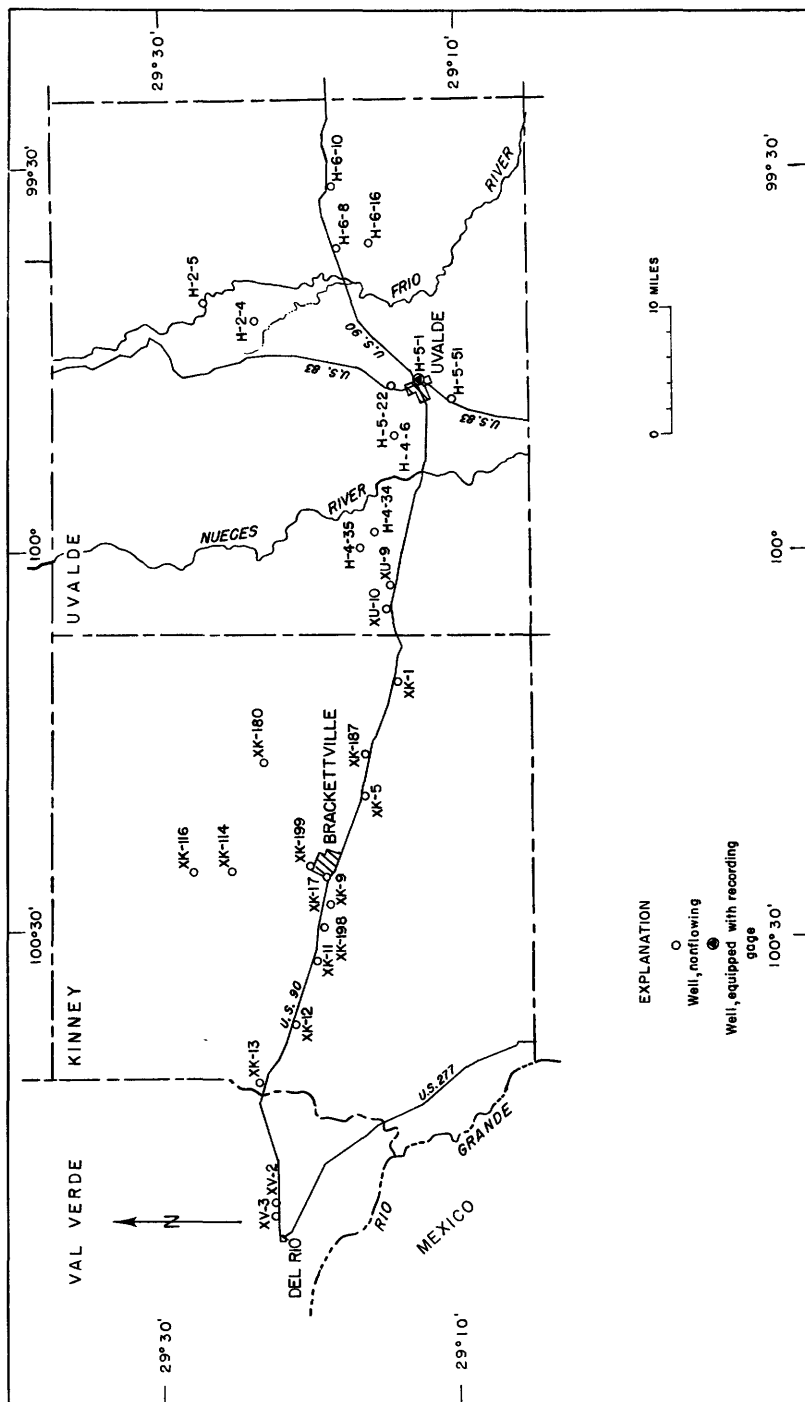


Figure 33. ---Location of observation wells in Val Verde, Kinney, and Uvalde Counties, Tex., 1955.

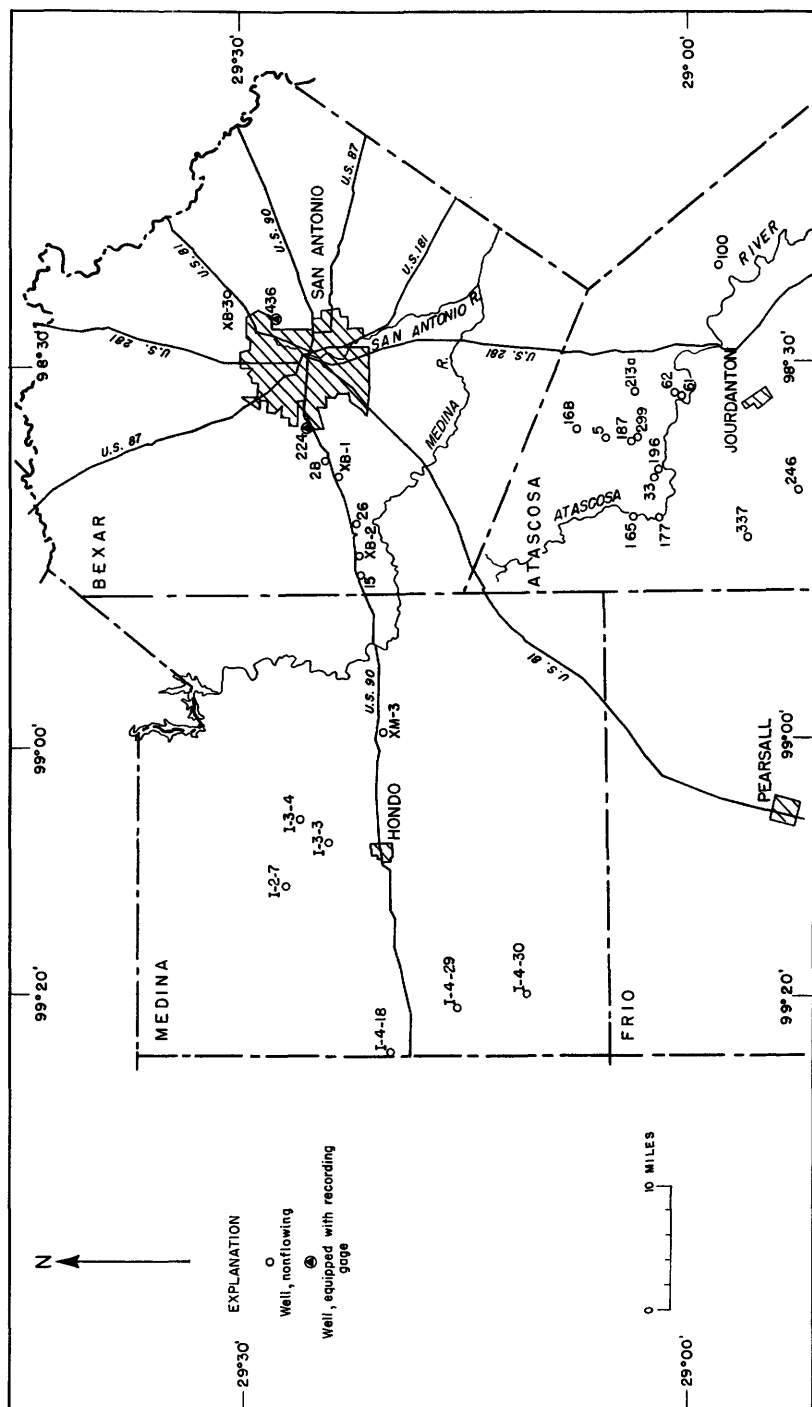


Figure 34. --Location of observation wells in Medina, Bexar, and Atascosa Counties, Tex., 1955.

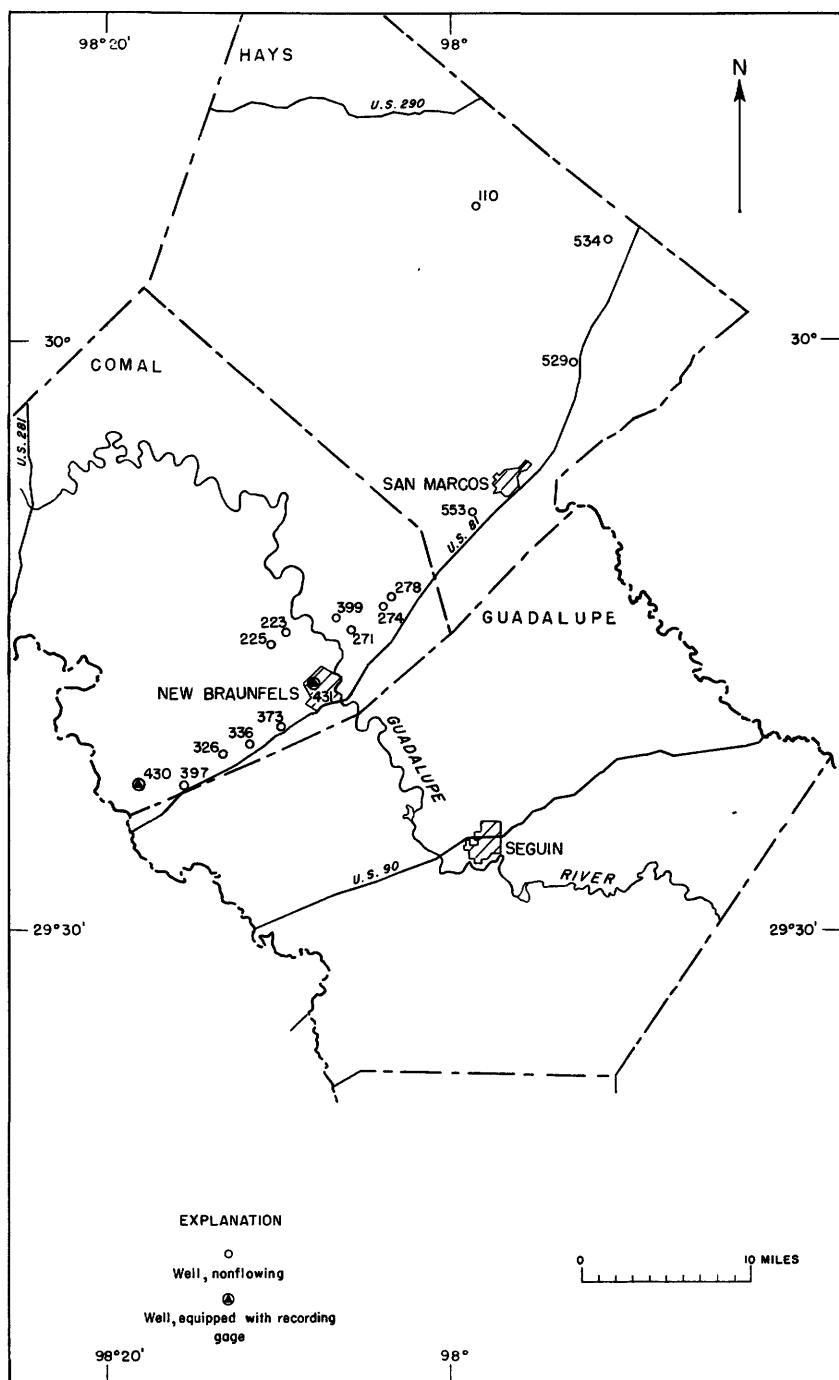


Figure 35. --Location of observation wells in Hays and Comal Counties, Tex., 1955.

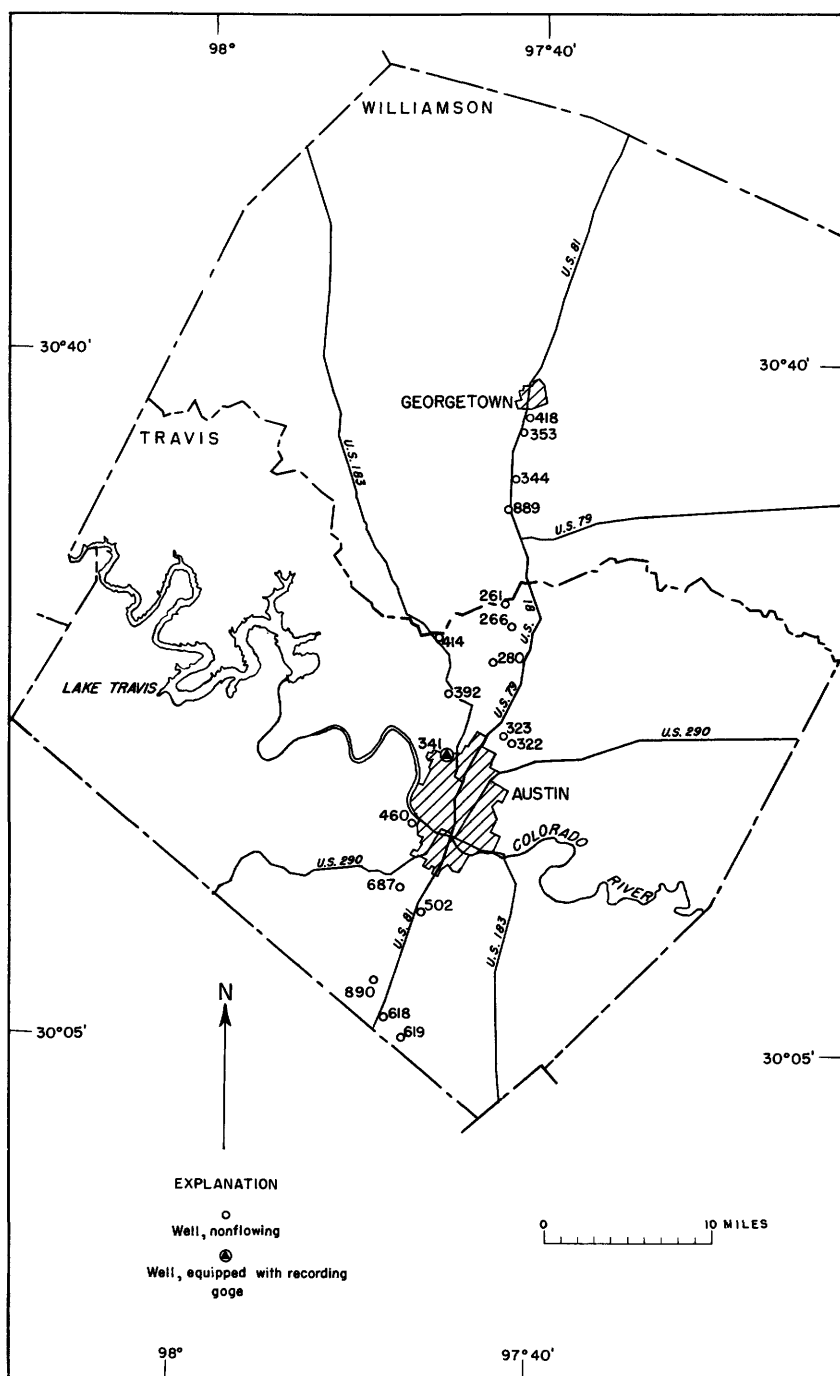


Figure 36. --Location of observation wells in Williamson and Travis Counties, Tex., 1955.

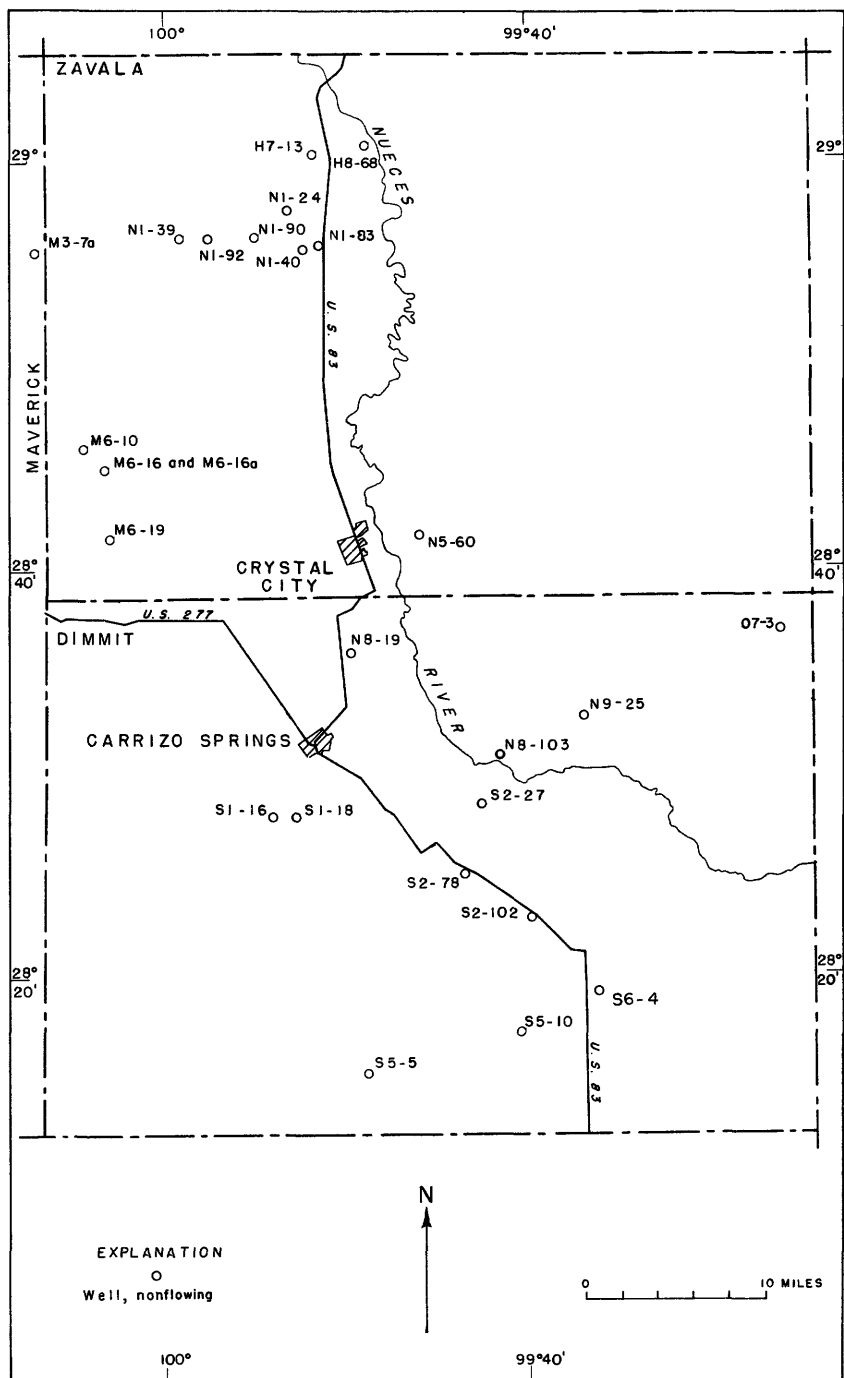


Figure 37. --Location of observation wells in Maverick, Zavala, and Dimmit Counties, Tex., 1955.

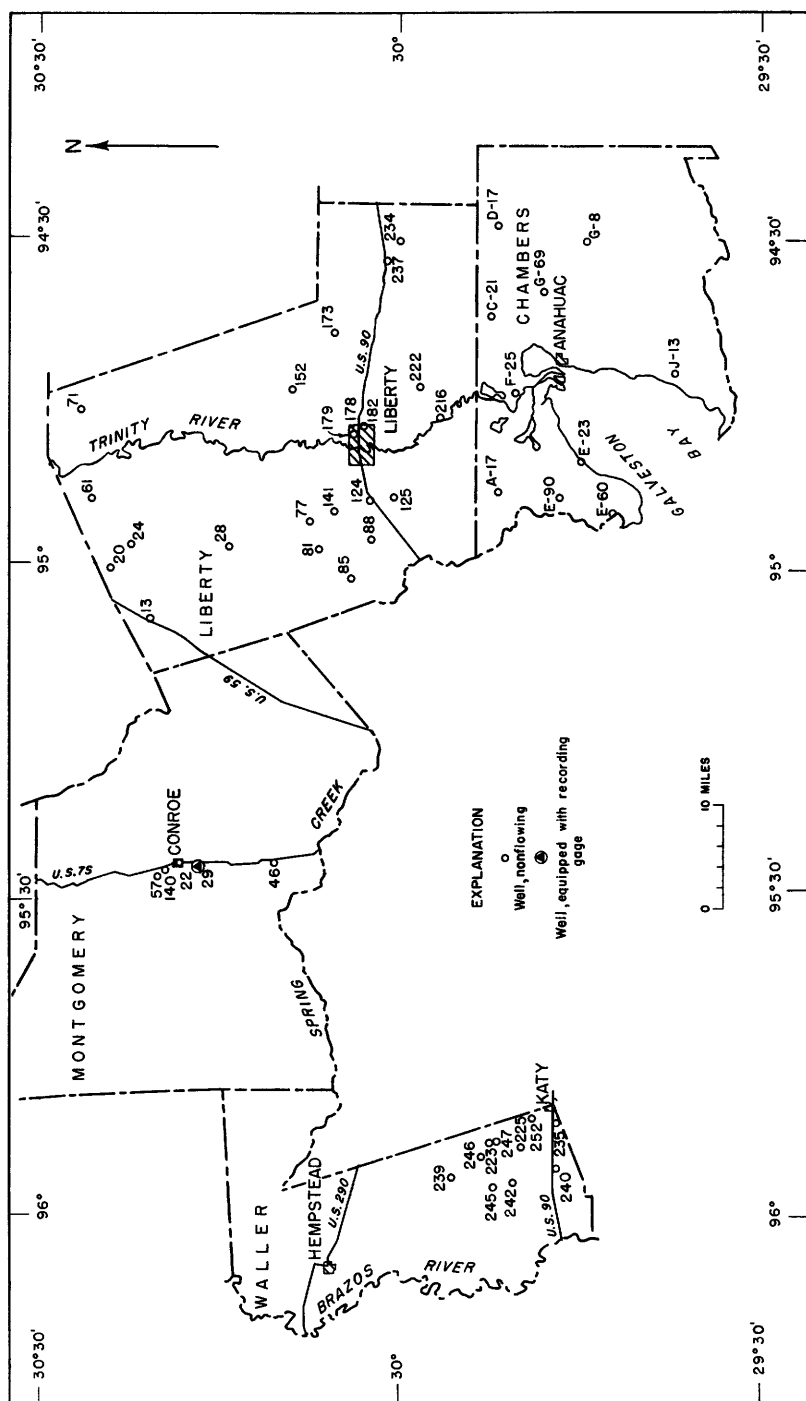
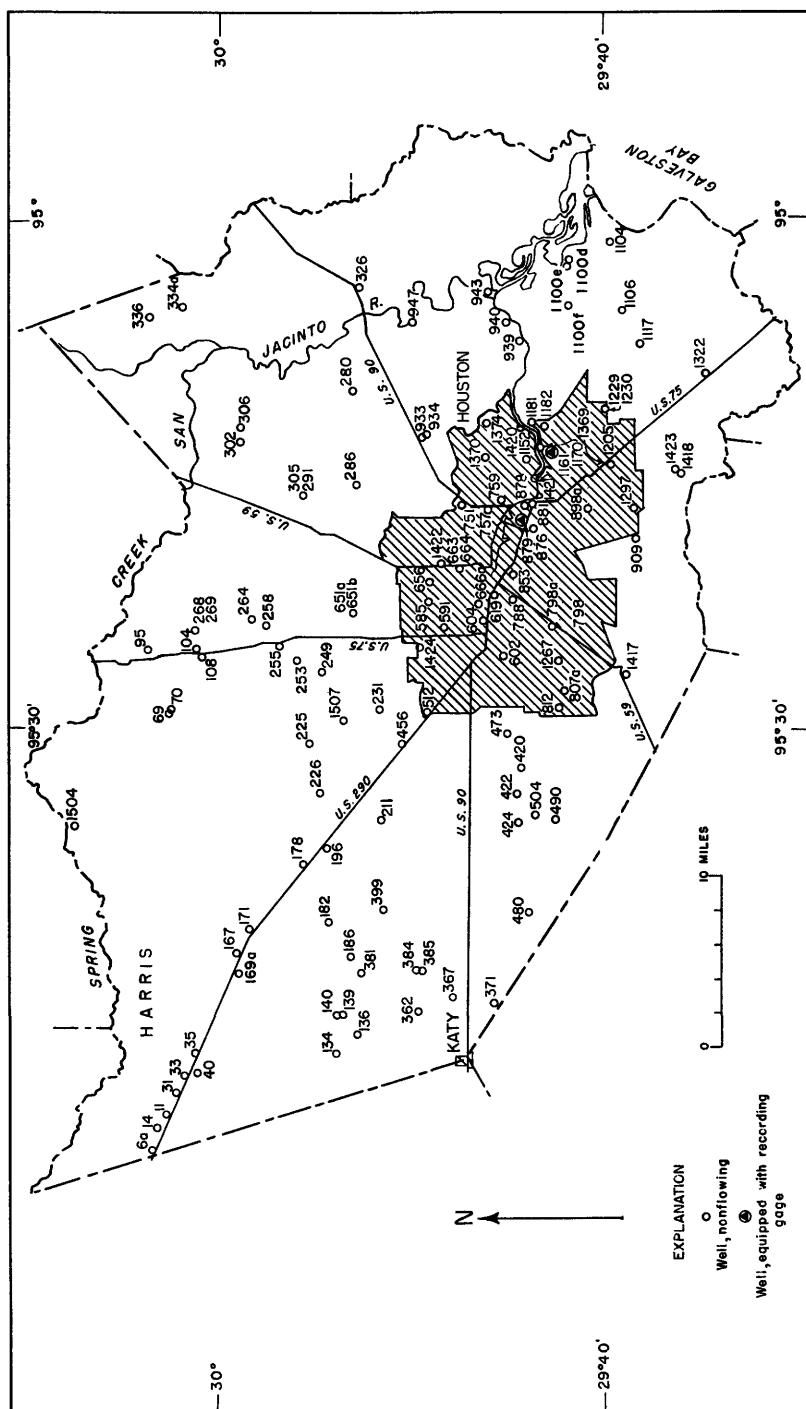


Figure 38. --Location of observation wells in Waller, Montgomery, Liberty, and Chambers Counties, Tex., 1955.



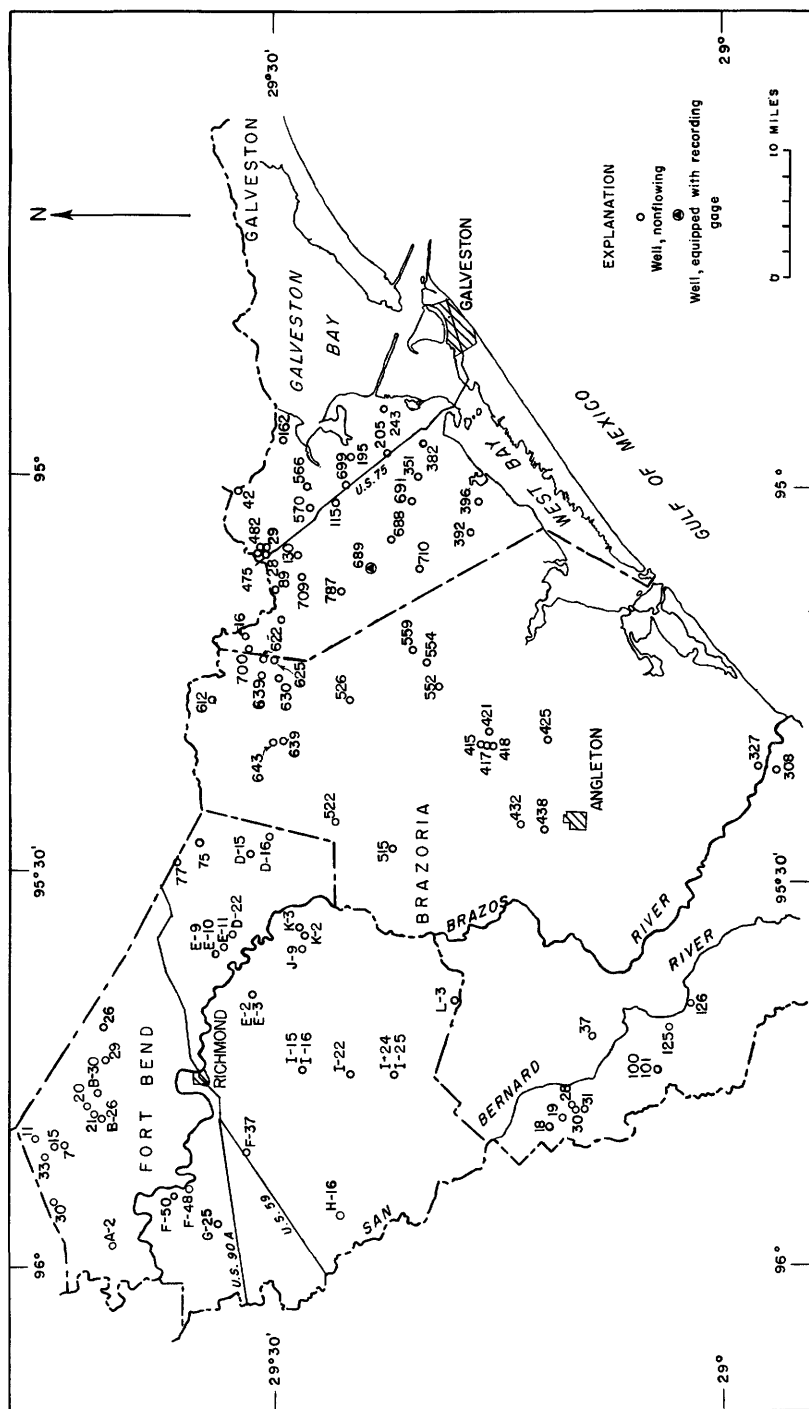


Figure 40. --Location of observation wells in Fort Bend, Brazoria, and Galveston Counties, Tex., 1955.

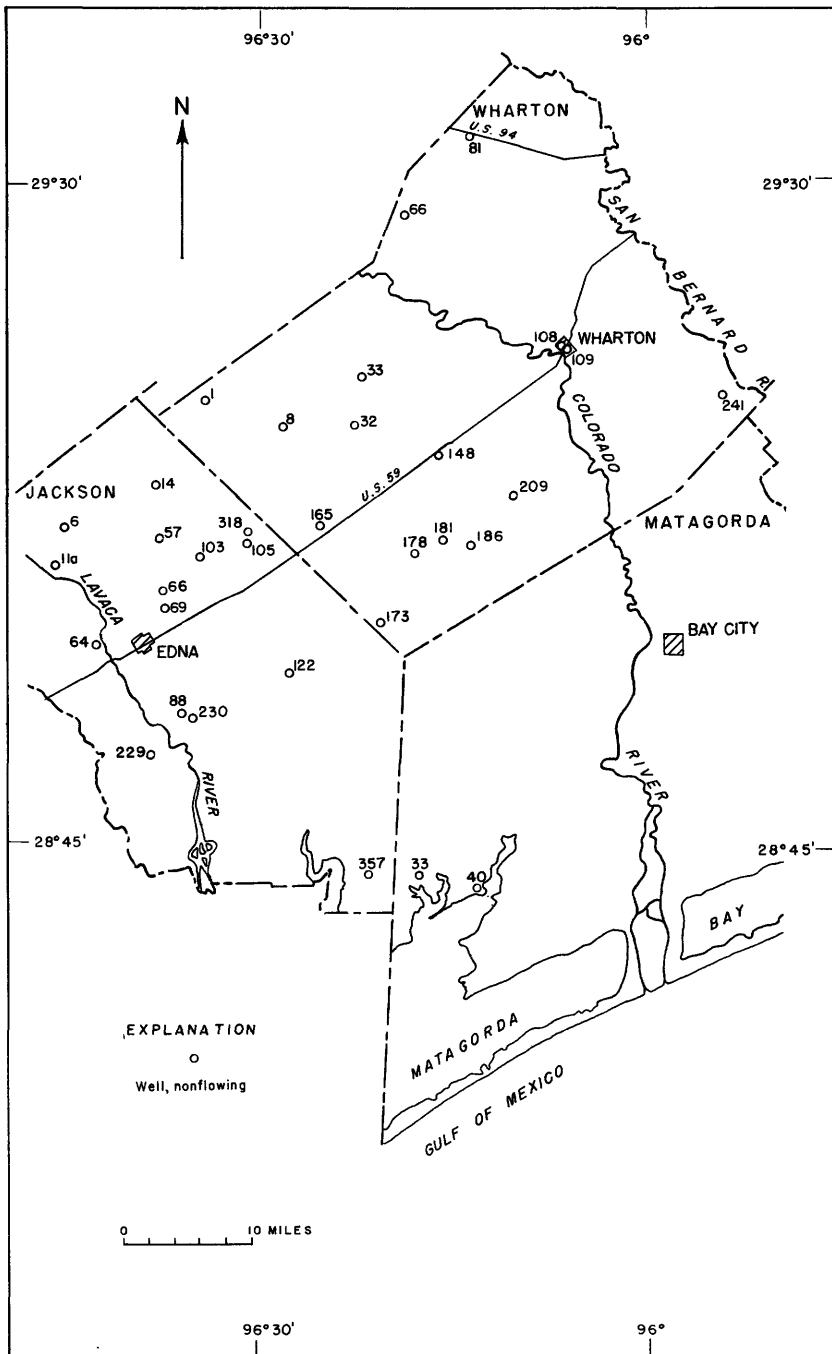


Figure 41.--Location of observation wells in Wharton, Jackson, and Matagorda Counties, Tex., 1955.

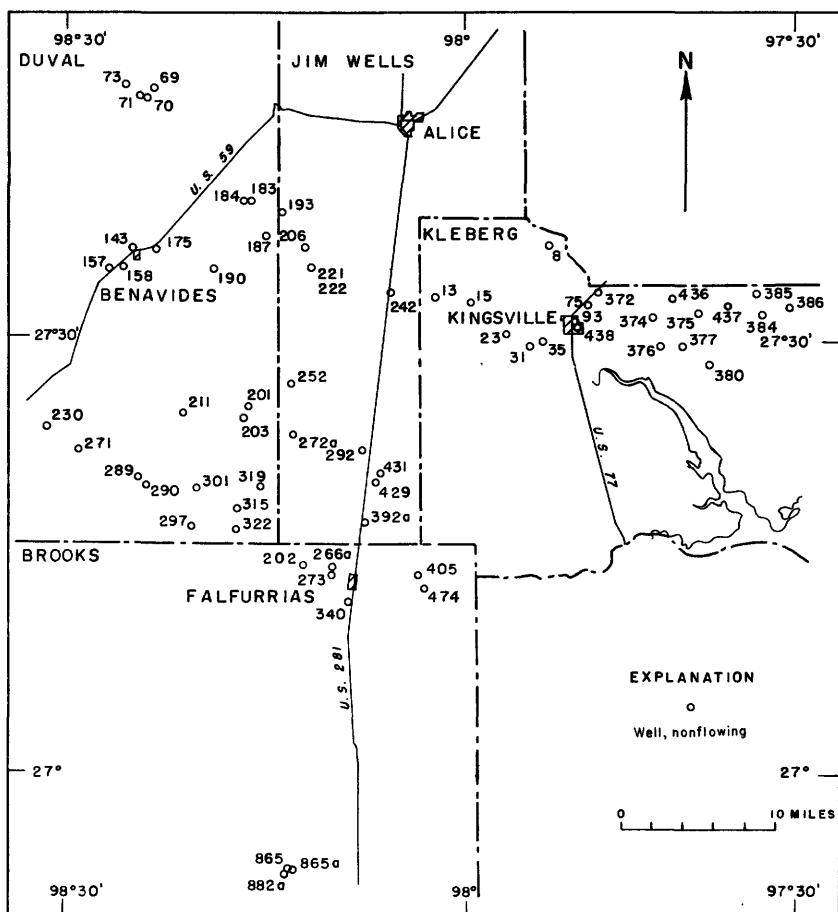
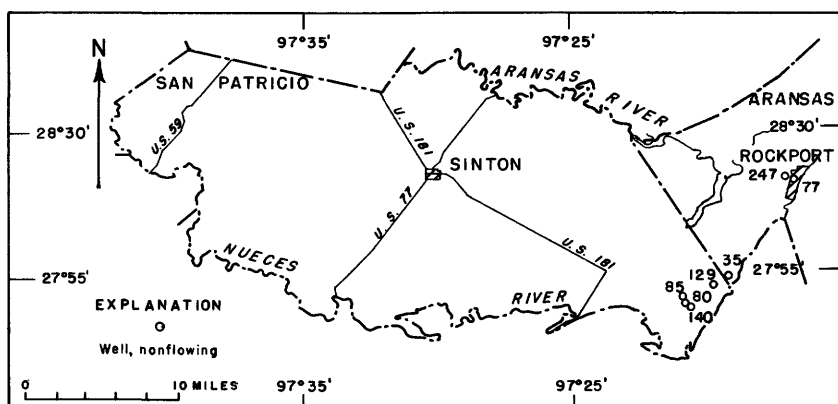


Figure 42. --Location of observation wells in San Patricio, Aransas, Duval, Jim Wells, Kleberg, and Brooks Counties, Tex., 1955.

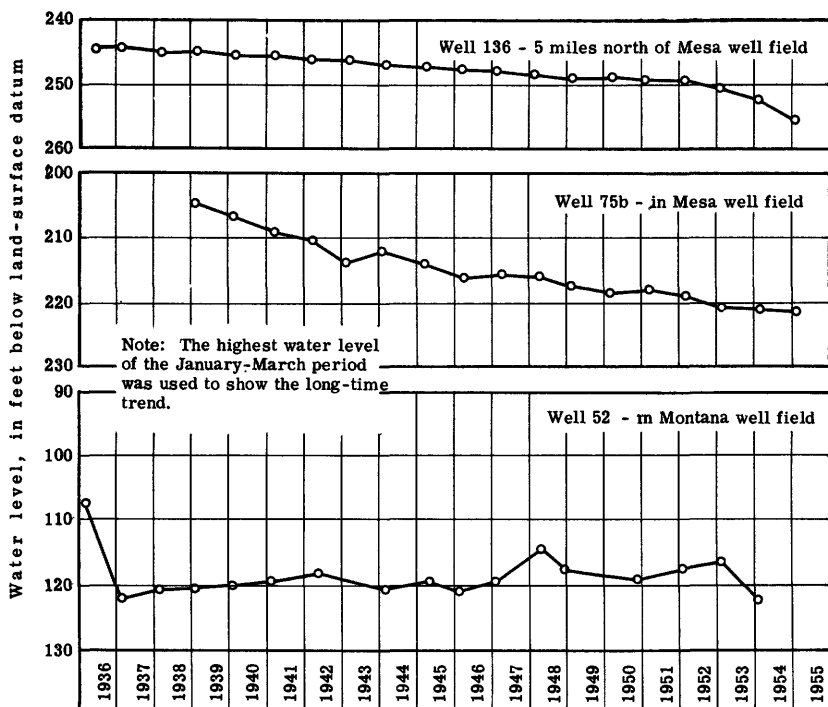


Figure 43. --Water levels in wells 136, 75b, and 52, El Paso County, Tex.

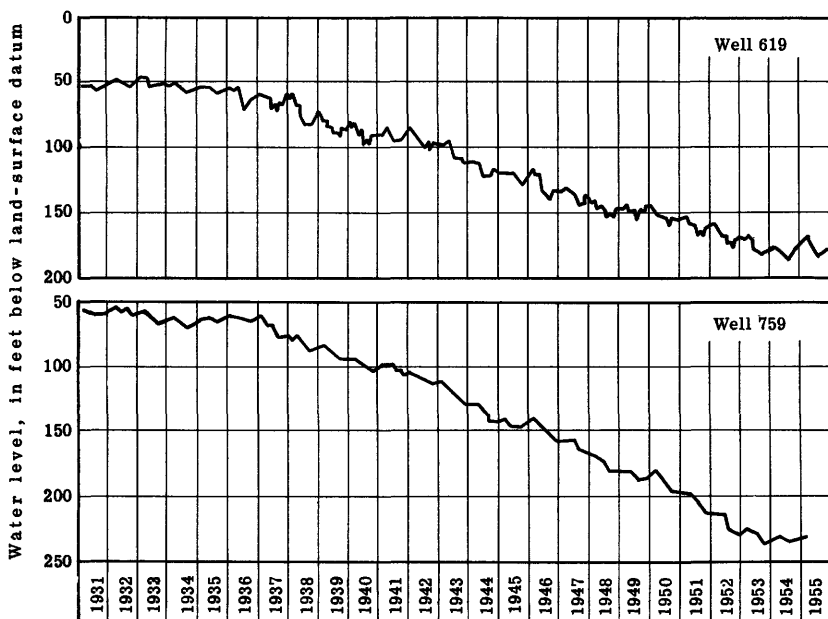


Figure 44. --Water levels in wells 619 and 759, Harris County, Tex., 1931-55.

Galveston County. --Water levels were 3 to 4 feet lower at the end of 1955 in the area north of Alta Loma because of increased pumpage. New lows were reached in wells 81, 689, and 787. During the summer, the decline in the principal aquifer was nearly 10 feet.

In the Texas City area, water levels were 3 to 5 feet higher than in 1954. In the northwestern part of the county, water levels declined in the vicinity of Friendswood, Kemah, Dickinson, and League City to a stage 9 feet lower in 1955 than in previous years. Figure 45 shows the change in water levels in wells 28(B-40) and 787(D-14).

Balcones fault zone. --The limestone reservoirs along the Balcones fault zone supply most of the ground water for irrigation, public supply, stock, and domestic use in parts of Val Verde, Kinney, Uvalde, Medina, Bexar, Comal, Hays, Travis, and Williamson Counties. Most of the wells pump from the Edwards and associated limestones, but some draw from reservoirs in the Glen Rose limestone, Austin chalk, and shallow sands of Quaternary age. The Edwards and associated limestones supply irrigation wells in Uvalde, Medina, and Bexar Counties and municipal wells in Del Rio, Brackettville, Uvalde, Knippa, Sabinal, D'Hanis, Hondo, Castroville, San Antonio, New Braunfels, San Marcos, Buda, Round Rock, and Georgetown. The drought in 1955 caused water levels in many wells to decline to an alltime low. Well 436 in Bexar County declined 6.29 feet; well 430 in Comal County, 4.63 feet; and well 619 in Travis County, 5.07 feet. Figure 46 shows the change in water level in well 436 and the annual precipitation at Boerne from 1932 to 1955. The following table gives the average net change in water levels in observation wells in the Edwards and associated limestones in 1955.

County	Number of wells	Average change, in feet	
		Decline	Rise
Val Verde	1		4.08
	2	2.71	
Kinney	13		1.73
	6	3.20	
Uvalde	4		1.37
	13	8.60	
Medina	15	10.60	
Bexar	47	6.77	
Comal	13	3.99	
Travis	3		1.28
	11	2.80	
Williamson	3		2.15
	4	1.19	

Some of the largest springs in the United States have their source in the Edwards and associated limestones along the Balcones fault zone. Drought conditions have caused a decrease in the flow of all, except Las Moras Spring, in the Nueces River watershed, which flowed nearly twice the amount that it did in 1950. The following table gives the comparative flow of four of the largest springs in the Balcones Fault zone:

Name of spring	1950 cfs	1953 cfs	1954 cfs	1955 cfs
Comal, Comal County	304	194.0	136.0	94.0
San Marcos, Hays County	153	130.0	126.0	75.3
Las Moras, Kinney County	22	5.5	20.4	42.1
Barton Springs, Travis County	40	34.2	.....	12.6

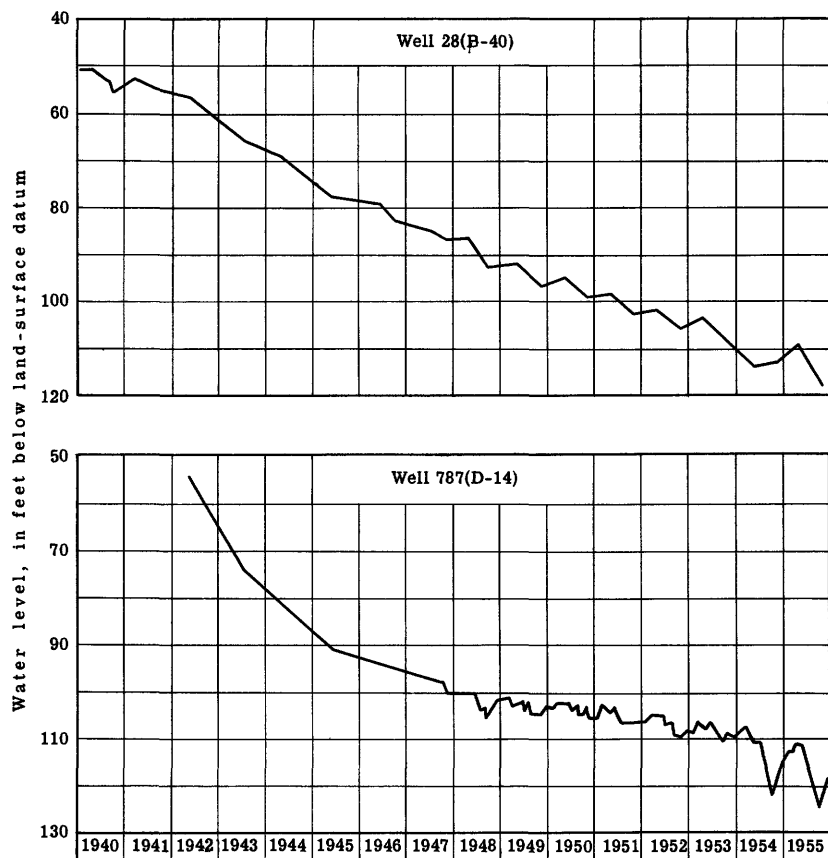


Figure 45. --Water levels in wells 28(B-40) and 787(D-14), Galveston County, Tex.

Winter Garden district. --About 600 wells are pumped in the Winter Garden district in Dimmit, Zavala, and the northeastern part of Maverick Counties to irrigate vegetables in the winter and cotton and grasses in the summer. Most of the irrigation wells draw from the Carrizo sand. Supplementary supplies are obtained from reservoirs on the streams that cross the area. The drought and year-round pumping for irrigation have caused a substantial decline in water levels. The greatest declines during 1955 were 34.19 feet in well O7-3 in Dimmit County and 21.27 feet in well N1-38 in Zavala County. Water levels in some observation wells near the boundary of the irrigated area or in the outcrop area of the Carrizo sand declined less than 2 feet. Figures 47 and 48 show the changes in water levels in wells S1-18 and N8-103, Dimmit County, and M6-10 and N5-60, Zavala County, from 1930 to 1955.

Angelina and Nacogdoches Counties. --The Carrizo sand in Angelina and Nacogdoches Counties supplies most of the water used by the cities of Lufkin and Nacogdoches and the Southland Paper Mills near Lufkin. Total withdrawals from the Carrizo sand exceeded 5 billion gallons in 1955. The average decline of water levels in 9 observation wells in Angelina County was 4.66 feet

in 1955; the greatest decline recorded was 7.70 feet in well 178. In 13 observation wells in Nacogdoches County, the average decline of water level was 4.97 feet; the greatest decline recorded was 10.70 feet in well 364. Figures 49 and 50 show the change in water levels in selected wells.

High Plains. --The High Plains in Texas, extending eastward from the New Mexico State line to the High Plains escarpment and from the Oklahoma State line southward to approximately the 32d parallel, is divided by the Canadian River into two parts--the Northern High Plains and the Southern High Plains. More than 3,600,000 acres in this area are irrigated from about 33,000 wells (compared to 28,000 in 1954), more than 500 of which are observation wells. Measurements are made in the observation wells soon after the first of each year when the water levels have made the maximum recovery from the previous irrigation season. These measurements reflect the loss or gain in water in storage from year to year. Water levels in 83 observation wells in Hale County had an average decline of 6.89 feet, the greatest being 15.06 feet in well 834. In Floyd County the greatest decline was 22.10 feet in well 110; the average decline was 8.57 feet in 62 observation wells. Water levels in some observation wells near the boundary of the irrigation area declined less than 1 foot in 1955. Figures 51, 52, and 53 show the change in water levels in selected wells in Bailey, Hale, and Floyd Counties.

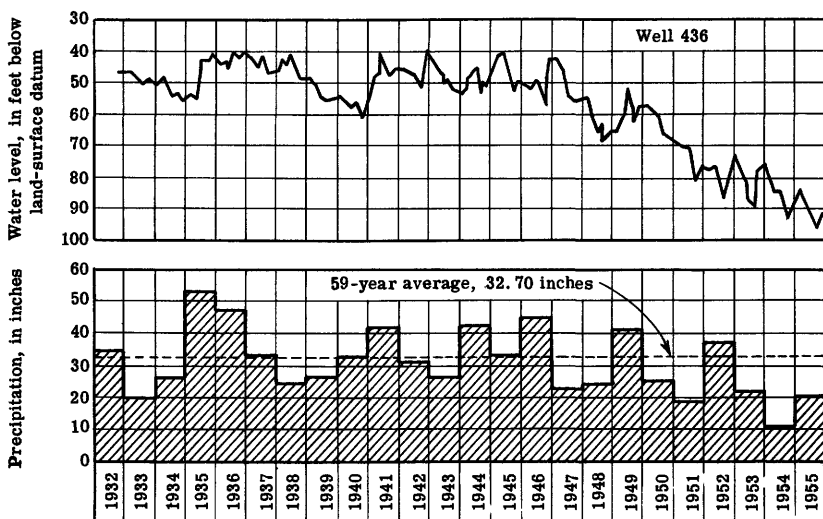


Figure 46. --Average of daily highest water levels by months in Bexar County well 436 and annual precipitation at Boerne, Kendall County, Tex., 1932-55.

Hudspeth, Culberson, and Jeff Davis Counties. --In Hudspeth County there are two irrigated areas amounting to about 30,000 acres in 1955--a narrow strip along the Rio Grande, irrigated for many years with surface water, and the Dell City area, irrigated since 1947 with ground water. In 1955 about 85,000 acre-feet was pumped from 300 wells. The average decline of water levels in 24 observation wells was 1.42 feet; the greatest was 2.47 feet in well 30.

In Culberson County, Wildhorse Valley and Lobo Flats are the areas irrigated. Development begun in the Lobo Flats area south of Van Horn in 1948 has expanded steadily. In 1955 the average decline of water levels in 41 observation wells in the area was 2.24 feet; the greatest decline was 6.53 feet in well F-12. Wildhorse Valley northeast of Van Horn had the least decline in water level of any irrigated area in the State. The change in water levels in 24 wells ranged from a rise of 0.92 foot in well C-138 to a decline of 2.47 feet in well C-115. The average decline was 0.80 foot for the area. Figures 54 and 55 show change in water levels in selected wells.

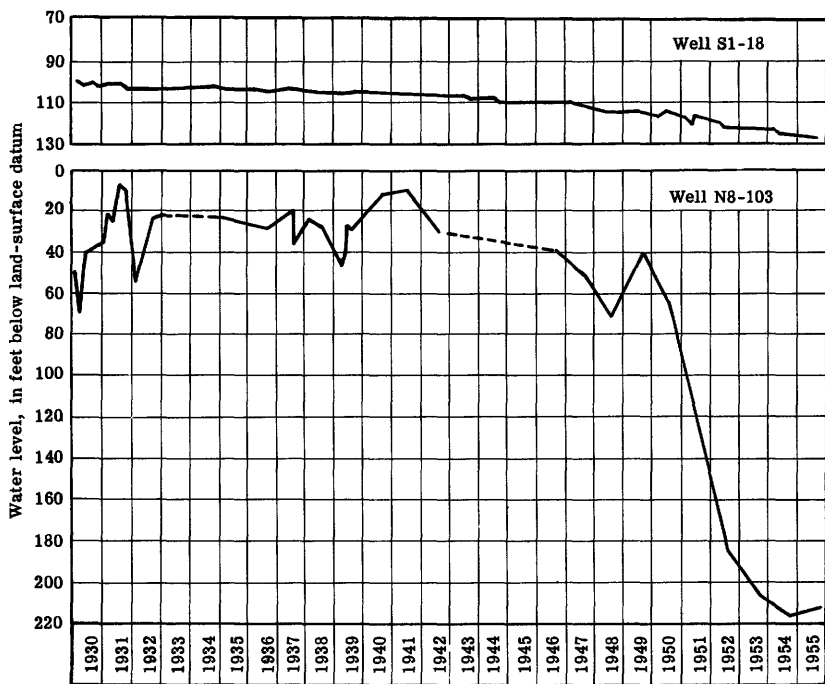


Figure 47. --Water levels in wells S1-18 and N8-103, Dimmit County, Tex., 1930-55.

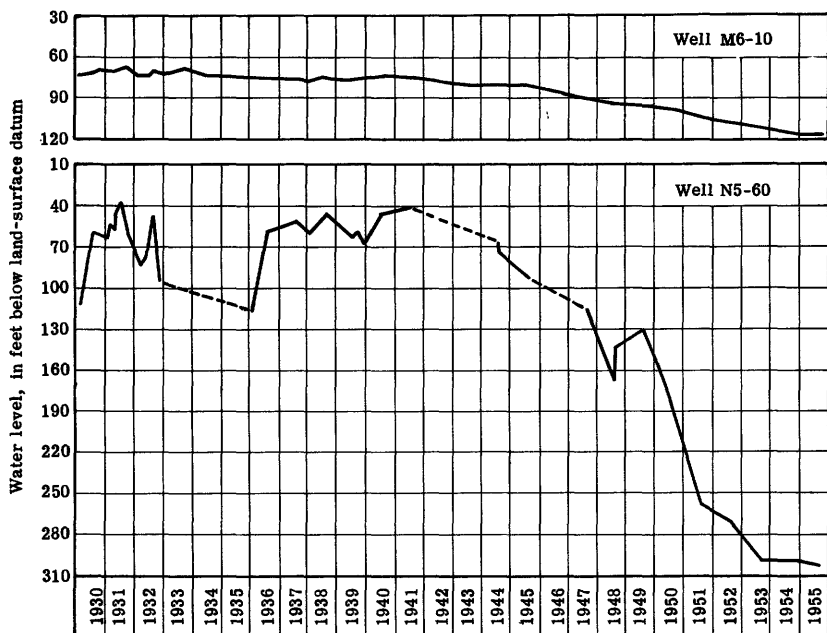


Figure 48. --Water levels in wells M6-10 and N5-60, Zavala County, Tex., 1930-55.

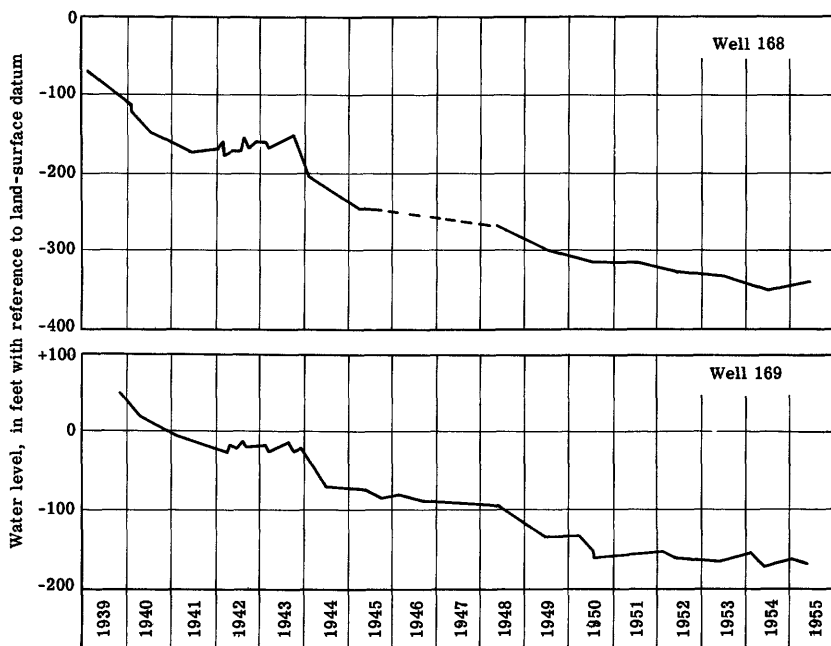


Figure 49. --Water levels in wells 168 and 169, Angelina County, Tex., 1939-55.

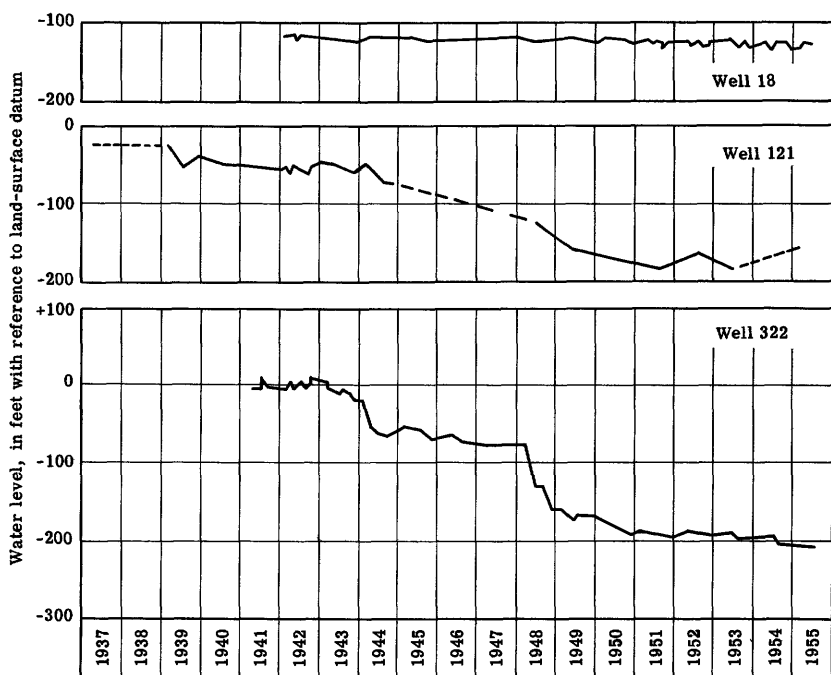


Figure 50. --Water levels in wells 18, 121, and 322, Nacogdoches County, Tex.

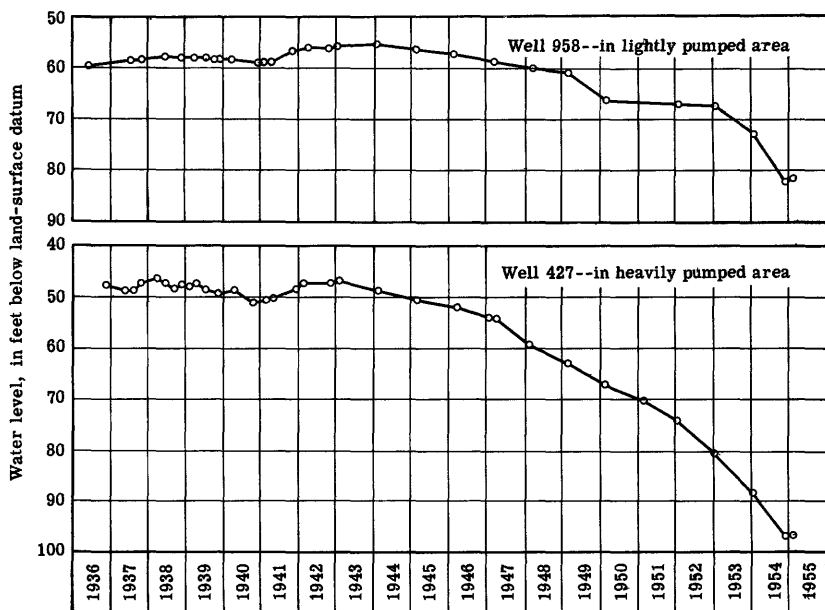


Figure 51. --Water levels in wells 958 and 427, Hale County, Tex., 1936-55.

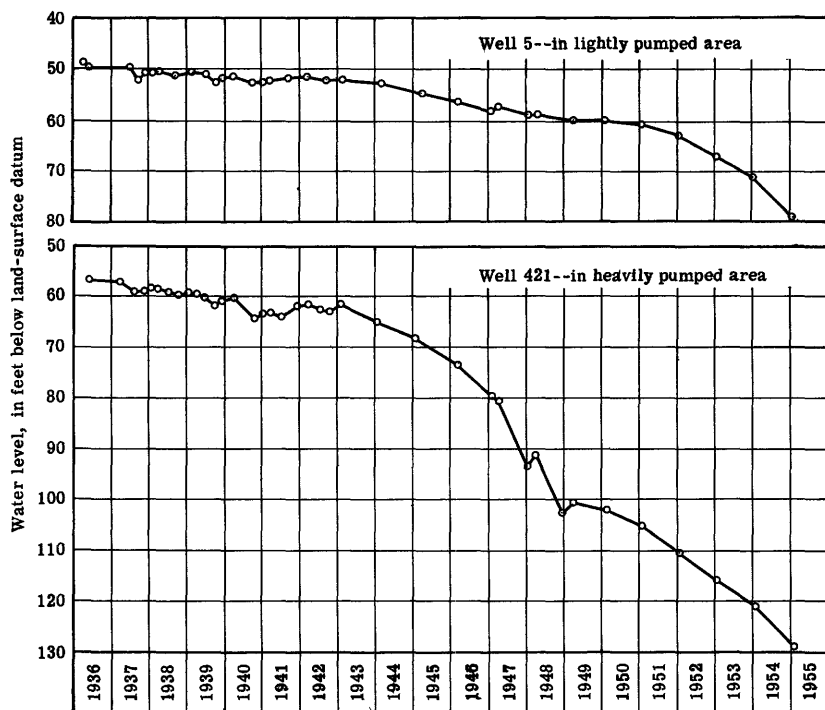


Figure 52. --Water levels in wells 5 and 421, Floyd County, Tex., 1936-55.

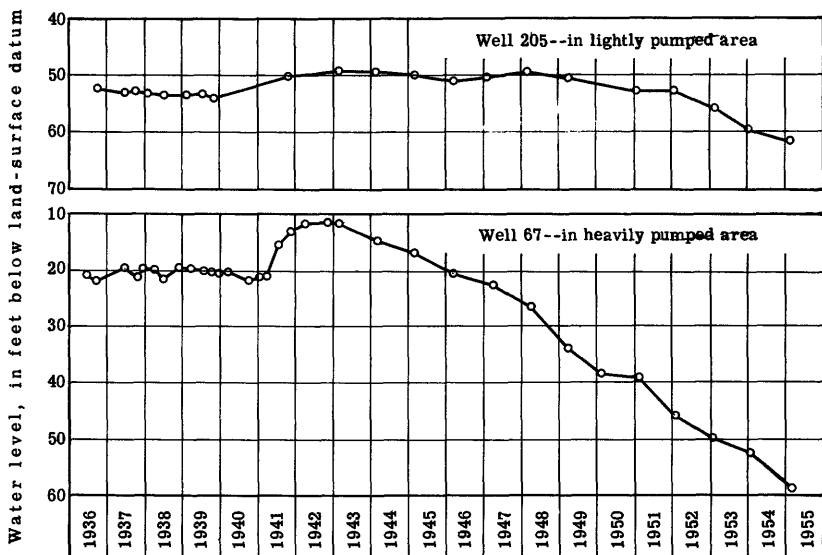


Figure 53.--Water levels in wells 205 and 67, Bailey County, Tex., 1936-55.

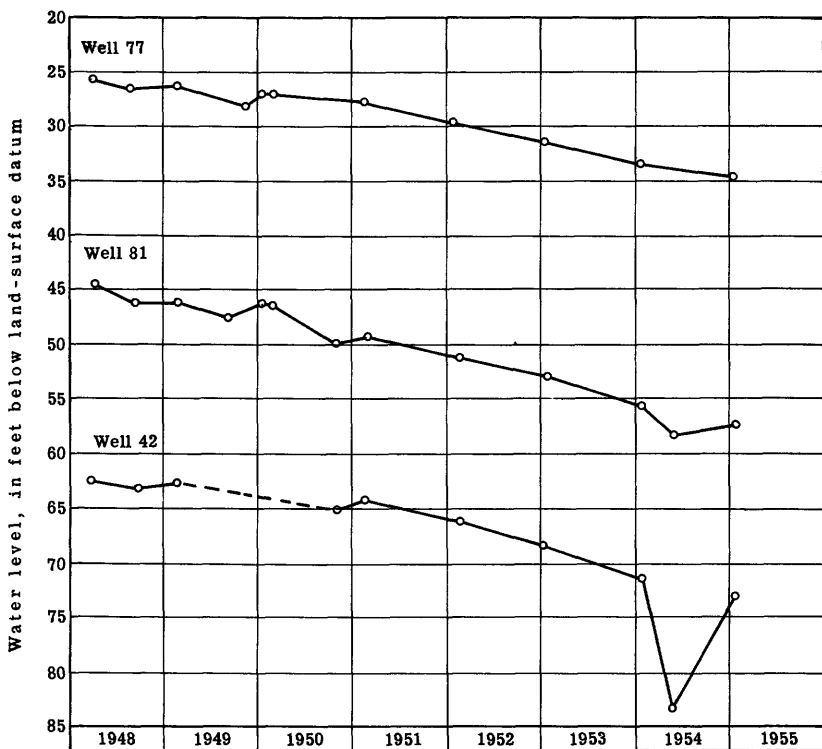


Figure 54.--Water levels in wells 77, 81, and 42 in the Dell City area, Hudspeth County, Tex., 1948-55.

Acknowledgments

The City Water Board of San Antonio serviced three recording gages. The Houston Lighting & Power Co. made 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 systems have been used in Texas: (1) wells numbered consecutively beginning with 1 in the upper left corner and progressing back and forth across the county map; (2) a system using a letter and a number to identify the grid in each county, followed by consecutive numbers; (3) a system for each county using a letter alone to identify the grid, followed by consecutive numbers. 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. In this report the segment in parentheses represents a number assigned to the well in other publications.

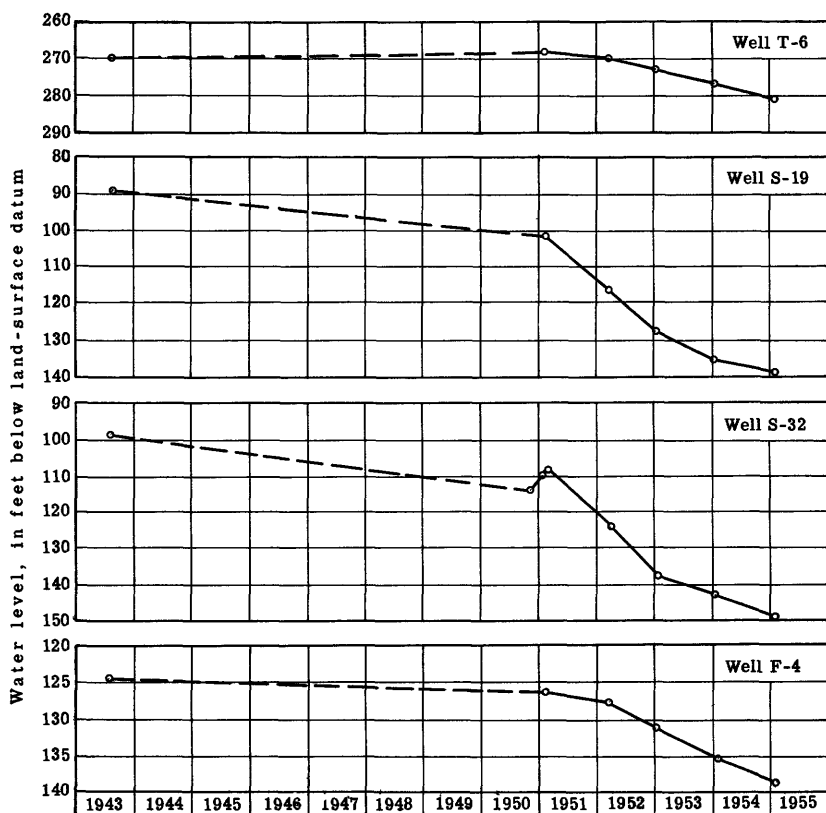


Figure 55. --Water levels in wells T-6, S-19, S-32, and F-4 in the Lobo Flats area, Culberson and Jeff Davis Counties, Tex., 1943-55.

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. $31^{\circ}24'$, long. $94^{\circ}43'$. 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, 1948-55. July 13, 340.85.

169. Gulf Pipe Line Co. Lat. $31^{\circ}26'$, long. $94^{\circ}45'$. 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, 1948-55. Feb. 1, 156.50; July 11, 159.31.

178. Southland Paper Mills, Inc. well CW16-0. Lat. $31^{\circ}27'$, long. $94^{\circ}48'$. 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 145.21 below lsd, July 11, 1955. Records available: 1947-55. Sept. 24, 1954, 144.81; July 1, 1955, 144.95; July 11, 145.21.

Aransas County

35. W. S. Kirby. Aransas Pass. Lat. $27^{\circ}54'$, long. $97^{\circ}08'$. 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, 1953-55. Dec. 5, 6.86.

77. H. G. Smith. Rockport. Lat. $28^{\circ}01'$, long. $97^{\circ}03'$. 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, 1953-55. Dec. 5, 6.32.

247. G. M. Broach. Lat. $28^{\circ}01'$, long. $97^{\circ}04'$. 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, 1953-55. Dec. 5, 8.21.

Atascosa County

5. H. Koehler. Lat. $29^{\circ}05'$, long. $98^{\circ}36'$. 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. Measurement discontinued.

33. C. E. Simmons. Lat. $29^{\circ}02'$, long. $98^{\circ}39'$. 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, 1949-55. Jan. 14, 39.85.

61. R. B. Fischer. Lat. $29^{\circ}00'$, long. $98^{\circ}32'$. 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. No measurement made in 1955.

62. R. B. Fischer. Lat. $29^{\circ}00'$, long. $98^{\circ}32'$. 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, 1938; lowest 15.74 below lsd, Sept. 22, 1954. Records available: 1937-41, 1944, 1948-54. No measurement made in 1955.

100. Joe A. Coughran. Lat. $28^{\circ}57'$, long. $98^{\circ}22'$. 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 19.98 below lsd, Jan. 13, 1955. Records available: 1944, 1948-55. Jan. 13, 19.98.

165. H. E. Whittet. Lat. $29^{\circ}03'$, long. $98^{\circ}42'$. 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, 1948-55. Jan. 14, 45.50.

168. Guy A. Bryan. Lat. 29°06', long. 98°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, 1948-55. Jan. 14, 106.06.

177. W. R. Woods. Lat. 29°01', long. 98°42'. Drilled farm artesian well in Carrizo sand, diameter 6 inches, depth 640 feet. Highest water level 5 above lsd, 1929; lowest 12.78 below lsd, Sept. 23, 1954. Records available: 1929, 1944, 1946, 1948-55. Jan. 14, 12.17.

187. Dan Reed. Lat. 29°03', long. 98°36'. Drilled irrigation artesian well in Carrizo sand, diameter 10 inches, depth 666 feet. Highest water level 32 below lsd, 1929; lowest 57.84 below lsd, Sept. 23, 1954. Records available: 1929, 1944-46, 1948-55. Jan. 14, 55.26.

196. F. Holberg. Lat. 29°02', long. 98°38'. Drilled irrigation artesian well in Carrizo sand, diameter 6 inches, depth 600 feet. Highest water level 3 above lsd, 1929; lowest 29.83 below lsd, Sept. 24, 1954. Records available: 1929, 1944-46, 1948-55. Jan. 14, 28.14.

213a. E. T. Page. Lat. 29°03', long. 98°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 95.33 below lsd, July 23, 1955. Records available: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14	87.59	Apr. 24	92.72	July 23	95.33	Oct. 24	94.74
Feb. 14	84.77	May 23	88.95	Aug. 24	94.94	Dec. 19	90.83
Mar. 23	86.94	June 23	92.62	Sept. 22	93.18		

246. A. E. Beckman. Lat. 28°52', long. 98°40'. Drilled farm artesian well in Carrizo sand, diameter 7 inches, depth 1,692 feet. Highest water level 12 below lsd, 1929; lowest 56.00 below lsd, Jan. 13, 1955. Records available: 1929, 1944-46, 1948-51, 1953-55. Jan. 13, 56.00.

299. H. C. McCaughn. Lat. 29°03', long. 98°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, 1948-55. Jan. 15, 57.02.

337. L. B. Wier. Lat. 28°56', long. 98°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, 1948-55. Jan. 13, 90.49.

Bailey County

5a. E. W. Gray. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, blk. Z. Lat. 34°17', long. 102°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. No measurement made in 1955.

9. Fred McKillip. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, blk. Z. Lat. 34°16', long. 102°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 63.61 below lsd, Jan. 5, 1955. Records available: 1936-55. Jan. 5, 63.61.

25. C. A. Wagner. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, blk. Z. Lat. 34°15', long. 102°52'. Drilled irrigation water-table well in sand, depth 100 feet. Highest water level 14.92 below lsd, Mar. 17, 1942; lowest 45.79 below lsd, Jan. 5, 1955. Records available: 1936-55. Jan. 5, 45.79.

33. Mrs. J. W. Gregory. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, blk. X. Lat. 34°15', long. 102°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 54.85 below lsd, Jan. 5, 1955. Records available: 1936-42, 1945-55. Jan. 5, 54.85.

36. C. J. Darby. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, blk. X. Lat. 34°15', long. 102°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 40.16 below lsd, Jan. 5, 1955. Records available: 1936-55. Jan. 5, 40.16.

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 39.50 below lsd, Jan. 6, 1955. Records available: 1937-55. Jan. 6, 39.50.

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 42.25 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 42.25.

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 48.55 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 58.55.
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 58.60 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 58.60.
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 55.31 below lsd, Jan. 6, 1955. Records available: 1934, 1936-45, 1947-55. Jan. 6, 55.31.
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 58.40 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 58.40.
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 47.05 below lsd, Jan. 6, 1955. Records available: 1936-45, 1947-55. Jan. 6, 47.05.
- 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 46.52 below lsd, Jan. 6, 1955. Records available: 1948-55. Jan. 6, 46.52.
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; lowest 57.40 below lsd, Jan. 4, 1955. Records available: 1934, 1936-55. Jan. 4, 57.40.
- 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 44.80 below lsd, Jan. 4, 1955. Records available: 1948-52, 1954-55. Jan. 4, 44.80.
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 45.45 below lsd, Jan. 4, 1955. Records available: 1914, 1936-55. Jan. 4, 45.45.
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 45.60 below lsd, Jan. 11, 1955. Records available: 1913, 1936-45, 1947-55. Jan. 4, 45.60.
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 36.90 below lsd, Jan. 4, 1955. Records available: 1914, 1937-39, 1941-43, 1949-55. Jan. 4, 36.90.
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. No measurement made in 1955.
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 31.80 below lsd, Jan. 4, 1955. Records available: 1914, 1936-55. Jan. 4, 31.80.
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, 1949-55. Jan. 5, 83.95.

Bexar County

- 15(H-17). 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 176.41 below lsd, Aug. 29, 1955. Records available: 1933-55.

15(H-17)--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	163.73	Apr. 5	167.11	July 5	174.46	Oct. 4	174.23
Feb. 1	163.00	May 2	170.54	Aug. 2	174.62	Nov. 1	175.51
Mar. 1	162.16	June 2	170.24	29	176.41	Dec. 5	170.91

26(H-13). 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 161.20 below lsd, Aug. 29, 1955. Records available: 1933-55.

Dec. 1, 1954	149.70	Apr. 5, 1955	152.53	July 5, 1955	159.50	Oct. 4, 1955	158.81
Jan. 4, 1955	148.84	May 2	155.92	Aug. 2	159.79	Nov. 1	159.97
Feb. 1	148.56	June 2	155.40	29	161.20	Dec. 5	155.09
Mar. 1	147.27						

28(I-57). 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 117.26 below lsd, Aug. 29, 1955. Records available: 1933-55.

Jan. 4	105.97	Apr. 5	108.29	July 5	115.45	Oct. 4	114.42
Feb. 1	104.45	May 2	112.01	Aug. 2	115.89	Nov. 1	116.32
Mar. 1	103.15	June 2	111.61	29	117.26	Dec. 5	110.40

224. City of San Antonio. Acme Rd. well at west 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 98.35 below lsd, Aug. 27, 1955. Records available: 1944, 1948-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	85.75	85.27	84.78	87.85	92.53	91.20	96.25	96.01	96.26	97.09	96.47	92.91
2	85.68	85.63	85.16	87.90	92.53	91.89	96.27	96.36	96.15	96.84	96.65	92.56
3	85.37	86.00	85.36	88.19	93.22	92.33	96.22	96.74	96.11	96.23	96.92	92.35
4	85.85	85.75	85.54	88.09	93.72	92.60	95.43	96.50	96.11	95.81	.....	92.29
5	86.08	85.17	85.89	89.10	93.98	91.64	95.58	96.68	95.85	95.87	96.14	92.00
6	86.23	84.61	86.04	89.67	94.03	90.89	95.95	96.68	96.35	96.06	96.10	92.24
7	86.15	84.38	85.53	89.38	93.90	91.03	96.50	96.43	96.27	96.23	95.82	92.08
8	85.98	84.42	85.54	89.15	93.09	91.47	96.83	96.32	96.72	96.08	95.49	92.43
9	85.66	84.27	85.68	88.65	92.81	91.75	96.68	97.35	.....	95.92	94.91	92.52
10	85.35	84.21	86.05	88.05	93.55	91.62	95.94	98.15	97.02	95.62	94.38	92.30
11	85.53	84.84	86.69	87.60	92.41	90.83	95.24	98.33	97.00	95.52	94.16	92.30
12	85.45	84.78	87.09	87.97	91.62	90.72	96.28	97.55	96.16	95.40	94.02	91.94
13	85.49	84.41	87.19	88.68	91.01	90.72	95.58	96.34	96.63	95.62	93.85	92.05
14	85.22	84.20	86.94	89.40	90.66	91.71	95.48	95.65	97.11	95.75	93.63	92.32
15	85.14	84.54	87.27	90.15	90.45	92.34	95.40	95.28	96.92	96.12	93.81	92.62
16	84.91	84.55	87.57	90.50	90.18	92.80	95.00	95.96	97.30	.....	93.83	92.56
17	84.77	84.73	86.95	90.47	90.23	.....	94.84	96.55	97.35	96.05	94.01	92.32
18	84.96	84.78	87.33	90.41	89.50	93.59	94.58	97.00	97.31	96.58	93.69	92.28
19	85.04	84.41	87.44	90.64	89.08	93.34	95.41	96.78	97.00	96.78	93.62	92.35
20	84.90	84.46	87.09	91.10	88.40	93.28	95.52	96.28	97.17	97.17	93.65	92.62
21	84.69	84.12	86.40	91.45	88.40	93.28	94.85	95.83	97.15	97.16	93.44	92.61
22	84.73	84.12	86.56	91.69	88.36	93.00	95.01	.....	97.01	97.09	93.50	92.43
23	84.58	84.19	86.27	91.45	88.15	93.25	95.38	.....	96.98	96.88	93.82	92.37
24	84.43	84.34	86.46	91.86	88.68	93.70	95.34	97.28	96.90	96.68	93.72	92.34
25	84.80	84.32	86.74	91.75	89.22	94.25	95.33	.....	96.36	96.57	93.27	92.25
26	84.95	84.30	87.47	92.56	89.53	94.73	96.07	98.32	96.05	96.63	93.58	91.77
27	85.05	84.24	86.70	92.69	90.21	94.60	96.24	98.35	96.22	96.81	93.53	92.06
28	85.06	84.36	86.15	92.17	90.45	95.38	96.73	97.77	96.42	96.98	93.50	92.27
29	85.18		86.90	92.68	90.45	95.94	96.73	.....	96.59	96.75	93.75	92.49
30	85.03		87.25	.....	89.80	96.00	96.64	97.81	96.79	96.69	93.58	92.63
31	84.97		87.93		90.68		96.64	96.71		.....		92.54

436. Ed. Steves & Sons. Beverly Lodges. 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 98.16 below lsd, Aug. 27, 1955. Records available: 1932-55.

436--Continued.

Daily highest water level from recorder graph												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	85.74	85.37	84.75	87.61	92.19	90.98	95.93	95.59	96.29	96.58	95.88	92.17
2	85.70	85.78	85.15	88.06	92.27	91.70	96.02	96.07	95.79	96.26	96.11	92.10
3	85.34	86.08	85.41	88.06	93.07	92.06	96.08	96.57	95.73	95.68	96.28	91.85
4	85.88	85.69	85.62	87.93	93.57	92.32	95.98	96.15	95.66	95.34	95.90	91.83
5	86.11	85.20	85.79	89.02	93.54	91.45	95.08	96.31	95.38	95.47	95.68	91.48
6	86.25	84.63	86.06	89.52	93.73	90.50	95.28	96.36	95.82	95.63	95.48	91.85
7	86.12	84.33	85.38	89.16	93.60	90.72	95.75	96.01	95.96	95.70	95.30	91.62
8	85.92	84.45	85.55	88.93	92.75	91.09	96.27	96.01	95.89	95.62	94.94	92.01
9	85.68	84.28	85.72	88.53	92.45	91.42	96.72	97.30	96.37	95.48	94.42	91.98
10	85.32	84.23	86.12	87.71	93.28	91.15	96.85	97.97	96.67	95.25	93.88	91.83
11	85.57	84.91	86.78	87.33	92.36	90.48	95.58	98.10	96.57	95.03	93.63	91.81
12	85.47	84.84	87.06	87.77	91.24	90.37	94.84	97.35	95.69	94.92	93.46	91.37
13	85.54	84.39	87.23	88.50	90.67	90.38	96.08	95.91	96.14	95.17	93.28	91.59
14	85.33	84.20	86.91	89.22	90.42	91.40	95.28	95.21	96.58	95.25	93.08	91.85
15	85.21	.....	87.32	90.02	90.13	92.12	95.15	94.78	96.49	95.54	93.27	92.19
16	84.87	.....	87.61	90.40	89.82	92.68	95.09	95.69	96.90	95.60	93.29	92.17
17	84.77	84.75	86.92	90.37	89.91	93.02	94.75	96.31	96.90	95.54	93.47	91.88
18	85.01	84.90	87.35	90.22	88.71	93.43	94.40	96.88	96.78	96.00	93.14	91.87
19	85.08	84.47	87.43	90.50	88.91	93.34	94.25	96.88	96.60	96.27	93.05	91.93
20	84.93	84.44	87.04	90.88	88.06	93.05	95.22	96.38	97.02	96.68	93.10	92.15
21	84.73	84.07	86.31	91.33	88.12	92.98	95.31	95.80	96.67	96.65	92.93	92.15
22	84.74	84.12	86.43	91.63	88.16	92.60	94.64	95.24	96.64	96.68	92.93	92.00
23	84.59	84.18	86.17	91.33	87.91	92.94	94.74	96.22	96.60	96.50	.....	91.82
24	84.43	84.33	86.38	91.63	88.51	93.52	95.09	97.04	96.74	96.20	93.09	91.87
25	84.83	84.43	86.75	91.64	89.22	94.08	95.02	97.75	95.85	96.02	92.60	91.73
26	85.00	84.29	86.71	92.33	89.56	94.08	95.88	98.03	95.47	96.10	92.25	91.23
27	85.15	84.24	86.48	92.61	90.20	94.50	96.02	98.16	95.84	96.33	92.43	91.64
28	85.15	84.33	85.88	91.75	90.50	94.32	96.49	98.13	95.92	96.50	92.68	91.87
29	85.23		86.71	92.38	90.35	95.28	96.40	97.66	96.01	96.25	92.36	92.04
30	85.09		87.07	92.65	89.54	95.84	96.30	98.32	96.23	96.24	92.76	92.17
31	85.06		87.82		90.40		96.38	97.16		e95.75		92.03

e Estimated.

XB-1(I-122). 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 168.36 below lsd, Aug. 29, 1955. Records available: 1937-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 1, 1954	156.87	Apr. 5, 1955	159.30	July 5, 1955	166.59	Oct. 4, 1955	165.71
Jan. 4, 1955	156.00	May 2	162.91	Aug. 2	166.92	Nov. 1	166.78
Feb. 1	155.75	June 2	162.53	29	168.36	Dec. 5	161.96
Mar. 1	154.36						

XB-2(H-16). 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 127.24 below lsd, Nov. 1, 1955. Records available: 1934, 1937-45, 1947-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 1, 1954	116.65	Apr. 5, 1955	119.43	July 5, 1955	126.26	Oct. 4, 1955	126.06
Jan. 4, 1955	115.80	May 2	122.90	Aug. 2	126.61	Nov. 1	127.24
Feb. 1	115.39	June 2	122.19	29	128.21	Dec. 5	122.43
Mar. 1	114.34						

XB-3(F-86). Beitel Church. Lat. 29°30', long. 98°24'. Drilled domestic artesian well in Edwards limestone, diameter 6 inches. 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, 1938-55. Measurements were started on Jan. 6 in replacement well.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	81.33	Apr. 4	84.34	July 6	91.56	Sept. 1	90.74
Feb. 2	81.27	May 3	89.31	Aug. 3	92.15	Oct. 5	90.33
Mar. 2	80.87	June 1	86.60				

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 28.77 below lsd, Aug. 28, 1955. Records available: 1946, 1949-55. Jan. 28, 25.02; Aug. 28, 28.77.

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, 1949-55. Jan. 28, 22.95.

28. Humble Oil & Refining Co. Lat. 29°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 28.08 below lsd, Aug. 24, 1955. Records available: 1946, 1949-53, 1955. Jan. 28, 25.20; Aug. 24, 28.08.

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 24.32 below lsd, Aug. 24, 1955. Records available: 1946, 1949-55. Jan. 28, 23.44; Aug. 24, 24.32.

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 26.25 below lsd, Aug. 24, 1955. Records available: 1946, 1949-55. Jan. 28, 23.79; Aug. 24, 26.25.

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 22.19 below lsd, Jan. 28, 1955. Records available: 1936, 1946, 1949-55. Jan. 28, 22.19.

100. Phillips Petroleum Co. Lat. 29°04', long. 95°44'. Drilled observation artesian well in sand, diameter 3 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, 1946-55. Jan. 10, 22.23; Mar. 7, 26.74; May 2, 26.63; July 18, 28.00; Aug. 24, 24.59; Nov. 7, 25.24.

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 65.42 below lsd, May 2, 1955. Records available: 1943-44, 1946-55. Jan. 10, 46.08; May 7, 53.97; May 2, 65.42; July 18, 58.60; Nov. 7, 59.14.

125. The Texas Co. Lat. 29°03', long. 95°41'. Drilled unused artesian well in sand, diameter 6 inches, depth 185 feet, screen 449-470. Highest water level flowing, Nov. 4, 1946; lowest 13.24 below lsd, Aug. 24, 1955. Records available: 1946, 1949-55. Jan. 28, 11.26; Aug. 24, 13.24.

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 18.15 below lsd, Jan. 28, 1955. Records available: 1946, 1949-53, 1955. Jan. 28, 18.15.

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 154.78 below lsd, Aug. 23, 1955. Records available: 1941, 1946, 1949-55. Jan. 26, 126.09; Aug. 23, 154.78.

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. 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 10.37 below lsd, Jan. 31, 1955. Records available: 1946, 1948-55. Jan. 31, 10.37; Aug. 19, 9.33.

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. No measurement made in 1955.

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, 1948-55. Jan. 31, 25.19.

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 18.54 below lsd, Jan. 31, 1955. Records available: 1946, 1948-55. Jan. 31, 18.54.

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 44.56 below lsd, Jan. 31, 1955. Records available: 1946, 1948-53, 1955. Jan. 31, 44.56.

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 28.64 below lsd, Aug. 22, 1955. Records available: 1946, 1948-55. Jan. 31, 24.51; Aug. 22, 28.64.

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 30.59 below lsd, Aug. 22, 1955. Records available: 1946, 1948-55. Jan. 31, 29.43; Aug. 22, 30.59.

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 49.99 below lsd, Aug. 26, 1955. Records available: 1939, 1946, 1948-55. Jan. 21, 45.66; Aug. 26, 49.99.

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. No measurement made in 1955.

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 54.43 below lsd, Aug. 19, 1955. Records available: 1946, 1949-55. Aug. 19, 54.43.

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 10.24 below lsd, Aug. 19, 1955. Records available: 1946, 1949-55. Aug. 19, 10.24.

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 71.33 below lsd, Aug. 19, 1955. Records available: 1946, 1949-55. Jan. 31, 67.40; Aug. 19, 71.33.

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 69.24 below lsd, Aug. 19, 1955. Records available: 1946, 1948-55. Aug. 19, 69.24.

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 137.13 below lsd, Sept. 21, 1955. Records available: 1947-55. Feb. 9, 132.55; Sept. 21, 137.13; Dec. 8, 135.68.

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 133.87 below lsd, Aug. 22, 1955. Records available: 1946, 1949-55. Jan. 21, 125.38; Aug. 22, 133.87.

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 136.06 below lsd, Aug. 22, 1955. Records available: 1946, 1948-55. Jan. 21, 128.79; Aug. 22, 136.06.

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. No measurement made in 1955.

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 91.80 below lsd, Aug. 22, 1955. Records available: 1935, 1946, 1949-55. Jan. 21, 90.22; Aug. 22, 91.80.

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 80.98 below lsd, Aug. 19, 1955. Records available: 1946, 1949-50, 1952-55. Aug. 19, 80.98.

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, 1949-55. Jan. 21, 5.64; Aug. 19, 7.16.

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 88.57 below lsd, Jan. 3, 1955. Records available: 1946, 1948-55. Jan. 3, 88.57.

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 110.40 below lsd, Jan. 3, 1955. Records available: 1946-55. Jan. 3, 110.40.

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 94.25 below lsd, Jan. 3, 1955. Records available: 1946, 1948-55. Jan. 3, 94.25.

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 72.20 below lsd, Mar. 11, 1948; lowest 92.64 below lsd, Jan. 3, 1955. Records available: 1946, 1948-55. Jan. 3, 92.64.

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 106.69 below lsd, Jan. 3, 1955. Records available: 1946, 1948-55. Jan. 3, 106.69.

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 109.80 below lsd, Jan. 3, 1955. Records available: 1946-55. Jan. 3, 109.80.

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 84.61 below lsd, Jan. 3, 1955. Records available: 1946-55. Jan. 3, 84.61.

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: 1946-55. Jan. 3, 114.40.

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, 1951-55. Feb. 7, 45.72.

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 70.80 below lsd, Feb. 7, 1955. Records available: 1946-55. Feb. 7, 70.80.

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, 1949-55. Feb. 7, 73.83.

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 49.45 below lsd, Feb. 7, 1955. Records available: 1932-33, 1935, 1937-41, 1943-50, 1953-55. Feb. 7, 49.45.

405. A. Rupp. Lat. $27^{\circ}13'$, long. $98^{\circ}03'$. 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 75.30 below lsd, Feb. 7, 1955. Records available: 1932-33, 1935-41, 1943-55. Feb. 7, 75.30.

474. A. Rupp. Lat. $27^{\circ}12'$, long. $98^{\circ}03'$. 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 78.10 below lsd, Feb. 7, 1955. Records available: 1932-33, 1935-41, 1943-50, 1952-55. Feb. 7, 78.10.

865. Florencio Rodriguez. Lat. $26^{\circ}53'$, long. $98^{\circ}13'$. 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, 1947-55. Feb. 7, 84.57.

865a. Florencio Rodriguez. Lat. $26^{\circ}53'$, long. $98^{\circ}13'$. 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: 1947-55. Feb. 7, 94.18.

882a. E. Villareal. Lat. $26^{\circ}53'$, long. $98^{\circ}13'$. 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: 1947-55. Feb. 7, 90.58.

Castro County

8. Earl Cole. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 125, blk. M7. Lat. $34^{\circ}42'$, long. $102^{\circ}26'$. Drilled irrigation water-table well in sand, diameter 15 inches, depth 180 feet. Highest water level 71.03 below lsd, Nov. 27, 1942; lowest 93.50 below lsd, Jan. 8, 1955. Records available: 1937-55. Jan. 8, 93.50.

20. H. E. Lindley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 97, blk. M7. Lat. $34^{\circ}41'$, long. $102^{\circ}22'$. Drilled irrigation water-table well in sand, diameter 14 inches, depth 120 feet. Highest water level 67.30 below lsd, June 10, 1936; lowest 89.67 below lsd, Jan. 8, 1955. Records available: 1936-55. Jan. 8, 89.67.

32. W. A. Springer. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 81, blk. M7. Lat. $34^{\circ}42'$, long. $102^{\circ}22'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 126 feet. Highest water level 62.05 below lsd, Feb. 8, 1943; lowest 82.80 below lsd, Jan. 8, 1955. Records available: 1936-55. Jan. 8, 82.80.

36. E. O. Baker. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 72, blk. M7. Lat. $34^{\circ}43'$, long. $102^{\circ}20'$. Drilled irrigation water-table well in sand, diameter 15 inches, depth 181 feet. Highest water level 79.70 below lsd, Jan. 14, 1937; lowest 111.45 below lsd, Jan. 8, 1955. Records available: 1937-52, 1954-55. Jan. 8, 111.45.

40. J. N. Burgin. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 51, blk. M7. Lat. $34^{\circ}42'$, long. $102^{\circ}18'$. Drilled irrigation water-table well in sand, diameter 15 inches, depth 132 feet. Highest water level 62.53 below lsd, Mar. 3, 1939; lowest 90.20 below lsd, Jan. 8, 1955. Records available: 1936-46, 1948, 1950-55. Jan. 8, 90.20.

48. J. M. Richardson. NW. cor. sec. 30, blk. M7. Lat. $34^{\circ}42'$, long. $102^{\circ}16'$. 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: 1936-55. Jan. 10, 79.95, pumped recently.

52. C. G. Maples. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, blk. M10A. Lat. $34^{\circ}38'$, long. $102^{\circ}14'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 170 feet. Highest water level 71.14 below lsd, Dec. 16, 1938; lowest 103.40 below lsd, Jan. 10, 1955. Records available: 1937-55. Jan. 10, 103.40.

53. W. A. Hunter. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 52, blk. M7. Lat. $34^{\circ}41'$, long. $102^{\circ}18'$. 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 90.86 below lsd, Jan. 7, 1955. Records available: 1936, 1938-55. Jan. 7, 90.86.

201. J. C. Heimann. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 339, blk. M6. Lat. $34^{\circ}32'$, long. $102^{\circ}12'$. 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, 1947-55. Jan. 11, 163.50.

202. Frank Huseman. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 222, blk. M6. Lat. $34^{\circ}31'$, long. $102^{\circ}06'$. Drilled unused water-table well in sand, diameter 4 inches, depth 126 feet. Highest water level 101.50 below lsd, Feb. 3, 1944; lowest 109.90 below lsd, Jan. 11, 1955. Records available: 1938-42, 1944-55. Jan. 11, 109.90.

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 110.83 below lsd, Jan. 11, 1955. Records available: 1939-40, 1942-55. Jan. 11, 110.83.

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 107.70 below lsd, Jan. 11, 1955. Records available: 1940, 1942-55. Jan. 11, 107.70.

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 89.90 below lsd, Jan. 11, 1955. Records available: 1942-55. Jan. 11, 89.90.

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 106.17 below lsd, Jan. 10, 1955. Records available: 1939, 1942-49, 1951-55. Jan. 10, 106.17.

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 94.22 below lsd, Jan. 8, 1955. Records available: 1938, 1942-44, 1946-52, 1954-55. Jan. 8, 94.22.

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 108.10 below lsd, Jan. 10, 1955. Records available: 1942-45, 1947-55. Jan. 10, 108.10.

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 104.63 below lsd, Jan. 8, 1955. Records available: 1939, 1944-55. Jan. 8, 104.63.

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 110.60 below lsd, Jan. 10, 1955. Records available: 1940, 1942-44, 1946-55. Jan. 10, 110.60.

Chambers County

A-17(19-A-20). 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, 1948-55. Oct. 13, 83.07.

255(C-21). U. S. Department of Agriculture. Lat. 29°42', long. 94°37'. Drilled 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, 1948-55. Oct. 11, 9.29.

D-17(292-D-6). 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. No measurement made in 1955.

E-23(106-E-44). Dr. Shear. Lat. 29°44', long. 94°50'. Drilled unused artesian well in sand, diameter 4 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. No measurement made in 1955.

E-60(67-E-83). 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 18.94 below lsd, Oct. 13, 1955. Records available: 1941, 1948-55. Oct. 13, 18.94.

E-90(44-E-33). 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, 1948-55. Oct. 13, 8.38.

F-25(179-B-20). 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, 1948-55. Oct. 11, 7.50.

G-8(401-G-60). U. S. Department 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, 1948-55. Oct. 11, 15.3, pumping.

G-69(336-G-15). U. S. Department of Agriculture. Lat. 29°37', long. 94°34'. Drilled 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. No measurement made in 1955.

J-13(K-14). 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, 1949-55. Oct. 11, 6.45.

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, 1944-55. Jan. 7, 128.28.

Comal County

223(G30). 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 226.04 below lsd, Nov. 7, 1955. Records available: 1936, 1939-55. Nov. 7, 226.04.

225(G31). 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 195.46 below lsd, July 12, 1955. Records available: 1936, 1939-55. Jan. 5, 186.81; Mar. 4, 187.01; May 4, 192.26; July 12, 195.46; Sept. 13, 192.04; Nov. 7, 188.46.

271(G34). 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, Nov. 7, 1955. Records available: 1936-55. Jan. 5, 94.22; Mar. 4, 94.12; May 4, 94.60; July 12, 94.67; Sept. 13, 95.02; Nov. 7, 95.23.

274(G23). 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 163.30 below lsd, July 12, 1955. Records available: 1937-55. Jan. 5, 158.05; Mar. 4, 157.99; May 4, 158.54; July 12, 163.30; Sept. 13, 159.14; Nov. 7, 159.58.

278(G25). 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 159.18 below lsd, Nov. 7, 1955. Records available: 1936-55. Jan. 5, 155.34; Mar. 4, 155.05; May 4, 155.53; July 12, 156.98; Sept. 13, 156.99; Nov. 7, 159.18.

326(H20). 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 62.59 below lsd, Nov. 7, 1955. Records available: 1934, 1937-55. Jan. 5, 55.11; Mar. 4, 55.66; May 4, 60.81; July 12, 61.88; Sept. 13, 61.99; Nov. 7, 62.59.

336(H6). 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 107.86 below lsd, Nov. 7, 1955. Records available: 1934, 1936-55. Jan. 5, 104.77; July 12, 107.00; Sept. 13, 107.84; Nov. 7, 107.86.

373(G77). 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: 1936-55. Jan. 5, 37.74; Mar. 4, 36.59; May 4, 39.17. Measurement discontinued.

397(H44). 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 214.61 below lsd, Sept. 13, 1955. Records available: 1937-40, 1944-45, 1948-55. Jan. 5, 208.36; Mar. 4, 206.78; May 4, 210.22; July 12, 212.70; Sept. 13, 214.61; Nov. 7, 214.59.

399(G19). 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 181.29 below lsd, May 4, 1955. Records available: 1937-55. Jan. 5, 180.14; Mar. 4, 179.94; May 4, 181.29; July 12, 180.94; Sept. 13, 181.25; Nov. 7, 184.03, pumped recently.

430(H39). U. S. Geol. Survey. Davenport School. Lat. 29°37', long. 98°18'. Drilled observation artesian well in sand, diameter 6 inches, depth 250 feet. Land-surface datum is 851.73 feet above msl. Highest water level 192.90 below lsd, May 16, 18, 1949; lowest 229.00 below lsd, Aug. 30, 1955. Records available: 1948-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	219.95	219.40	218.87	220.89	224.65	223.36	227.10	227.53	228.17	228.04	227.86	225.15
2	219.85	219.60	219.05	220.95	224.66	223.72	227.24	227.66	227.89	228.00	227.98	225.00
3	219.76	219.73	219.22	221.16	224.95	224.06	227.22	227.79	227.72	227.78	228.02	224.87
4	219.88	219.68	219.39	221.25	225.25	224.30	226.95	227.78	227.60	227.52	227.85	224.69
5	220.01	219.40	219.56	221.61	225.45	224.09	226.94	227.81	227.45	227.57	227.72	224.59
6	220.10	219.17	219.70	221.95	225.55	223.80	227.10	227.82	227.54	227.64	227.60	224.60
7	220.09	219.07	219.53	222.02	225.60	223.66	227.37	227.75	227.58	227.62	227.45	224.55
8	220.00	218.97	219.52	221.96	225.28	223.68	227.59	227.68	227.57	227.57	227.18	224.67
9	219.84	218.95	219.60	221.80	225.12	223.88	228.00	228.06	227.79	227.50	226.85	224.68
10	219.75	218.81	219.77	221.37	225.32	223.74	228.16	228.32	228.00	227.37	226.55	224.63
11	219.73	218.96	220.03	221.26	224.87	223.53	228.52	228.44	227.93	227.31	226.38	224.56
12	219.68	218.96	220.28	221.30	224.38	223.36	228.18	228.22	227.69	227.22	226.21	224.45
13	219.66	218.93	220.46	221.55	224.06	223.33	228.40	227.74	227.76	227.22	226.04	224.46
14	219.58	218.78	220.45	221.90	223.84	223.67	228.54	227.37	227.93	227.27	226.04	224.52
15	219.47	218.85	220.60	222.34	223.57	224.04	228.66	227.15	227.93	227.42	226.07	224.66
16	219.34	218.90	220.77	222.66	223.40	224.42	229.07	227.33	228.14	227.45	225.95	.....
17	219.24	218.96	220.59	222.83	223.20	224.75	229.21	227.63	228.27	227.45	225.92	224.63
18	219.32	219.01	220.68	222.85	222.92	225.08	229.23	227.94	228.29	227.67	225.75	224.60
19	219.32	218.90	220.77	223.08	222.55	225.20	228.97	227.87	228.18	227.86	225.67	224.60
20	219.20	218.78	220.66	223.27	222.28	225.18	228.97	227.62	228.34	228.06	225.63	224.66
21	219.17	218.71	220.48	223.52	222.15	225.20	229.11	227.36	228.26	228.08	225.53	224.65
22	219.15	218.67	220.35	223.73	222.04	225.02	229.14	227.22	228.20	228.14	.....	224.60
23	219.07	218.67	220.25	223.79	221.91	225.05	228.96	227.54	228.18	228.08	.....	224.53
24	218.99	218.72	220.26	223.94	222.01	225.25	228.96	227.94	228.23	227.95	.....	224.55
25	219.08	218.74	220.38	224.01	222.25	225.57	228.74	228.33	227.90	227.86	.....	224.44
26	219.16	218.70	220.55	224.32	222.45	225.87	228.48	228.63	227.68	227.87	225.56	224.31
27	219.26	218.68	220.30	224.57	222.78	225.95	228.23	228.77	227.75	227.94	225.43	224.37
28	219.29	218.73	220.15	224.38	223.04	226.34	228.13	228.83	227.67	228.07	225.45	224.45
29	219.33	.....	220.33	224.53	223.07	226.69	228.00	228.72	227.75	228.05	225.49	224.56
30	219.32	.....	220.54	224.66	222.85	226.92	227.71	229.00	227.87	227.97	225.43	224.64
31	219.31	.....	220.85	.....	223.10	.....	227.75	228.57	.....	227.82	.....	224.58

431(G49). 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 22.86 below lsd, Aug. 30, 1955. Records available: 1949-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21.00	20.90	20.80	21.16	21.87	21.64	22.34	22.45	22.64	22.62	22.58	22.08
2	20.98	20.95	20.81	21.16	21.87	21.71	22.35	22.47	22.58	22.59	22.61	22.04
3	20.97	20.96	20.83	21.21	21.93	21.78	22.35	22.54	22.56	22.54	22.63	22.02
4	20.99	20.93	20.89	21.22	21.98	21.81	22.29	22.54	22.52	22.50	22.58	21.99
5	21.02	20.85	20.90	21.29	22.02	21.26	22.29	22.54	22.50	22.48	22.57	21.98
6	21.03	20.84	20.92	21.34	22.03	21.40	22.35	22.54	22.51	22.50	22.53	21.98
7	21.02	20.83	20.89	21.36	22.03	21.60	22.40	22.51	22.52	22.50	22.51	21.98
8	21.00	20.82	20.89	21.35	21.99	21.64	22.48	22.51	22.51	22.49	22.49	21.99
9	20.97	20.80	20.91	21.30	21.96	21.65	22.47	22.64	22.57	22.47	22.39	22.01
10	20.96	20.79	20.94	21.24	22.00	21.59	22.31	22.73	22.63	22.45	22.35	21.99
11	20.96	20.83	20.99	21.21	21.92	21.56	22.30	22.76	22.49	22.41	22.32	21.95
12	20.97	20.81	21.03	21.23	21.79	21.53	22.38	22.60	22.52	22.41	22.29	21.95
13	20.97	20.79	21.07	21.28	21.75	21.53	22.34	22.50	22.56	22.42	22.24	21.94
14	20.95	20.79	21.05	21.35	21.71	21.64	22.34	22.45	22.60	22.43	22.24	21.95
15	20.91	20.81	21.08	21.44	21.68	21.70	22.31	22.44	22.60	22.46	22.24	21.98

431(G49)--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	20.89	20.81	21.09	21.51	21.65	21.82	22.29	22.50	22.64	22.47	22.24	21.97
17	20.89	20.82	21.08	21.50	21.54	21.87	22.25	22.55	22.66	22.47	22.22	21.95
18	20.89	20.81	21.09	21.50	21.52	21.94	22.25	22.62	22.65	22.51	22.20	21.94
19	20.88	20.81	21.13	21.56	21.45	21.95	22.31	22.58	22.63	22.56	22.19	21.97
20	20.88	20.80	21.07	21.59	21.42	21.94	22.29	22.50	22.65	22.61	22.17	21.98
21	20.89	20.78	21.05	21.66	21.39	21.90	22.28	22.47	22.63	22.63	22.15	21.98
22	20.88	20.78	21.04	21.70	21.38	21.90	22.27	22.46	22.61	22.64	22.16	21.97
23	20.87	20.78	21.03	21.68	21.38	21.93	22.30	22.53	22.61	22.61	22.19	21.95
24	20.85	20.78	21.04	21.72	21.41	21.98	22.30	22.63	22.63	22.60	22.16	21.93
25	20.86	20.78	21.07	21.73	21.44	22.04	22.32	22.71	22.56	22.59	22.13	21.92
26	20.88	20.77	21.12	21.80	21.47	22.11	22.40	22.76	22.53	22.60	22.15	21.89
27	20.89	20.77	21.08	21.85	21.52	22.11	22.43	22.80	22.54	22.62	22.11	21.90
28	20.90	20.78	21.04	21.81	21.58	22.19	22.49	22.80	22.54	22.64	22.14	21.93
29	20.90		21.09	21.86	21.57	22.27	22.49	22.75	22.55	22.64	22.14	21.96
30	20.89		21.10	21.89	21.52	22.27	22.50	22.86	22.59	22.61	22.13	21.98
31	20.89		21.14		21.59		22.51	22.71		22.57		21.95

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 138.57 below lsd, Jan. 8, 1955. Records available: 1937-40, 1942-44, 1946-55. Jan. 8, 138.57.

4. J. A. McGlocklen. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 114, G. T. RR. 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 198.29 below lsd, Jan. 8, 1955. Records available: 1937-45, 1949-55. Jan. 8, 198.29.

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 141.38 below lsd, Jan. 8, 1955. Records available: 1937-42, 1944-50, 1952, 1954-55. Jan. 8, 141.38.

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, January 1946; lowest 121.13 below lsd, Jan. 8, 1955. Records available: 1946-55. Jan. 8, 121.13.

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 138.48 below lsd, Jan. 8, 1955. Records available: 1947-49, 1951-52, 1954-55. Jan. 8, 138.48.

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 120.22 below lsd, Jan. 8, 1955. Records available: 1947-49, 1951-55. Jan. 8, 120.22.

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 130.79 below lsd, Jan. 8, 1955. Records available: 1938, 1947-55. Jan. 8, 130.79.

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 132.58 below lsd, Jan. 8, 1955. Records available: 1947-55. Jan. 8, 132.58.

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 120.65 below lsd, Jan. 8, 1955. Records available: 1948-55. Jan. 8, 120.65.

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, March 1945; lowest 130.21 below lsd, Jan. 8, 1955. Records available: 1945, 1947, 1949-55. Jan. 8, 130.21.

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. No measurement made in 1955.

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 118.58 below lsd, Jan. 6, 1955. Records available: 1948-55. Jan. 6, 118.58.
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. Measurement discontinued.
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 121.60 below lsd, Jan. 4, 1955. Records available: 1937-38, 1948-55. Jan. 4, 121.60.
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 113.30 below lsd, Jan. 4, 1955. Records available: 1937-38, 1941-46, 1948-55. Jan. 4, 113.30.
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 76.38 below lsd, Jan. 4, 1955. Records available: 1936-41, 1944-55. Jan. 4, 76.38.
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 96.01 below lsd, Jan. 4, 1955. Records available: 1936-49, 1951-55. Jan. 4, 96.01.
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 79.60 below lsd, Jan. 4, 1955. Records available: 1937-47, 1949-53, 1955. Jan. 4, 79.60.
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 26 inches, depth 120 feet. Highest water level 83.94 below lsd, May 1936; lowest 108.40 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 108.40.
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 95.63 below lsd, Jan. 4, 1955. Records available: 1937-44, 1946, 1948-55. Jan. 4, 95.63.
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 73.90 below lsd, Jan. 5, 1955. Records available: 1937-44, 1946, 1948-55. Jan. 5, 73.90.
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 80.78 below lsd, Jan. 4, 1955. Records available: 1936, 1938-55. Jan. 4, 80.78.
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 55.50 below lsd, Jan. 6, 1955. Records available: 1937-44, 1946-47, 1949-51, 1953-55. Jan. 6, 55.50.
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 63.09 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 63.09.
236. Ray Kershen. 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 68.18 below lsd, Jan. 4, 1955. Records available: 1936-53, 1955. Jan. 4, 68.18.

237. Ray Kershen. 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 64.78 below lsd, Jan. 4, 1955. Records available: 1934, 1936-55. Jan. 4, 64.78.

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. No measurement made in 1955.

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. No measurement made in 1955.

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, 1952-55. Jan. 3, 43.67.

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 82.34 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 82.34.

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 unused water-table well in sand, diameter 26 inches, depth 179 feet. Highest water level 46.5 below lsd, 1914; lowest 92.80 below lsd, Sept. 11, 1955. Records available: 1914, 1936-55.

Daily highest water level from recorder graph*

Day	Jan.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	79.85	81.77	83.12	89.12	.....	.....
2	79.82	81.65	82.96	89.59	.....	.....
3	79.80	81.57	84.55	89.02	.....	.....
4	79.79	81.46	85.05	90.65	.....	.....
5	80.63	81.38	84.34	92.60	92.18	.....
6	h78.18	.....	81.80	81.33	84.07	.....	91.58	.....
7	82.65	81.26	84.89	91.14	90.97	.....
8	82.67	81.17	85.37	91.12	91.78	.....
9	82.47	81.11	85.60	91.48	92.37	.....
10	82.60	81.04	86.25	91.00	92.73	.....
11	82.30	80.98	86.30	90.05	92.80	.....
12	82.04	80.92	87.80	90.72	.....	.....
13	81.85	80.87	88.45	90.54	.....	.....
14	80.79	82.40	80.91	87.94	89.69	.....	.....
15	80.70	83.10	80.78	89.25	91.00	.....	.....
16	80.66	82.72	80.71	90.02	.....	.....	.....
17	80.55	82.27	80.67	90.25	.....	.....	.....
18	80.45	81.98	80.63	89.07	.....	92.26	.....
19	80.40	82.05	80.60	89.60	.....	91.27	.....
20	80.35	82.90	80.56	88.80	.....	90.53	.....
21	80.28	83.74	80.54	88.29	.....	90.12	.....
22	80.24	83.46	80.50	87.90	.....	89.80	.....
23	80.18	83.22	80.44	87.45	.....	89.63	.....
24	80.13	82.97	80.40	87.09	.....	89.52	.....
25	80.08	82.75	80.38	86.83	.....	.....	h85.72
26	80.02	82.58	80.36	88.75	.....	.....	.....
27	79.99	82.41	80.34	90.15	.....	.....	.....
28	79.96	82.28	80.32	90.72	.....	.....	.....
29	79.90	82.13	81.50	89.80	.....	.....	.....
30	79.88	81.99	82.60	89.86	.....	.....	.....
31	81.87	.....	89.55	.....	.....	.....

* No record for February, March, November, and December.

h Tape measurement.

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 102.62 below lsd, Jan. 6, 1955. Records available: 1936-42, 1944-50, 1952-55. Jan. 6, 102.62.

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, 1937; lowest 88.20 below lsd, Jan. 7, 1954. Records available: 1937-41, 1944-54. No measurement made in 1955.

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 79.66 below lsd, Jan. 3, 1955. Records available: 1936-55. Jan. 3, 79.66.

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 95.30 below lsd, Jan. 6, 1955. Records available: 1936-55. Jan. 6, 95.30.

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, 1944-55. Jan. 3, 63.53.

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 112.48 below lsd, Jan. 4, 1955. Records available: 1937, 1945-55. Jan. 4, 112.48.

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 67.65 below lsd, Jan. 3, 1955. Records available: 1934, 1936-55. Jan. 3, 67.65.

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 79.90 below lsd, Jan. 3, 1955. Records available: 1936-55. Jan. 3, 79.90.

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 104.00 below lsd, Jan. 3, 1955. Records available: 1936-55. Jan. 3, 104.00.

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 123.90 below lsd, Jan. 3, 1955. Records available: 1937-41, 1945-49, 1951-55. Jan. 3, 123.90.

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 115.03 below lsd, Jan. 3, 1955. Records available: 1936-55. Jan. 3, 115.03.

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 103.92 below lsd, Jan. 3, 1955. Records available: 1936-44, 1946-55. Jan. 3, 103.92.

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. No measurement made in 1955.

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 91.10 below lsd, Jan. 3, 1955. Records available: 1945-55. Jan. 3, 91.10.

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 85.50 below lsd, Jan. 3, 1955. Records available: 1937-52, 1954-55. Jan. 3, 85.50.

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 71.20 below lsd, Mar. 18, 1937; lowest 114.01 below lsd, Jan. 4, 1955. Records available: 1937-39, 1941-42, 1944-49, 1951-55. Jan. 4, 114.01.

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 90-210. Highest water level 93.26 below lsd, Nov. 13, 1937; lowest 136.09 below lsd, Jan. 4, 1955. Records available: 1937-42, 1944-55. Jan. 4, 136.09.

506a. Alton Fraser. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, G.C.S.L. Lat. 34°48', long. 102°33'. Drilled farm water-table well in sand. Highest water level 81.29 below lsd, Mar. 9, 1948; lowest 94.32 below lsd, Jan. 4, 1955. Records available: 1948-55. Jan. 4, 94.32.

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 96.43 below lsd, Jan. 8, 1955. Records available: 1948-49, 1951-55. Jan. 8, 96.43.

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 103.62 below lsd, Mar. 29, 1938; lowest 128.60 below lsd, Jan. 8, 1955. Records available: 1937-39, 1941, 1943-55. Jan. 8, 128.60.

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 121.12 below lsd, Jan. 3, 1955. Records available: 1945-55. Jan. 3, 121.12.

Dimmit County

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, 1947-55. Sept. 21, 110.75.

N8-103. Marrs McLean. Lat. 28°30', long. 99°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, 1952-55. Sept. 20, 214.73.

N9-25. Order of Calenthia. Lat. 28°31', long. 99°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 199.3 below lsd, Sept. 20, 1955. Records available: 1929-33, 1935-40, 1944-46, 1948-55. Sept. 20, 199.3.

O7-3. G. W. Hatch. Lat. 28°36', long. 99°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 236.3 below lsd, Sept. 20, 1955. Records available: 1929-51, 1953-55. Sept. 20, 23.63.

S1-16. C. W. Gilfillan & Son. Lat. 28°27', long. 99°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 72.56 below lsd, Sept. 19, 1955. Records available: 1930-33, 1935-46, 1948-49, 1951-55. Sept. 19, 72.56.

S1-18. J. C. Johnson. Lat. 28°22', long. 99°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 126.16 below lsd, Sept. 19, 1955. Records available: 1930-55. Sept. 19, 126.16.

S2-27. J. A. McDonald. Lat. 28°27', long. 99°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 136.3 below lsd, Sept. 20, 1955. Records available: 1929-33, 1935-39, 1941-55. Sept. 20, 136.3.

S2-78. Mr. McClaren. Lat. 28°24', long. 99°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, 1935-55. Sept. 20, 268.10.

S2-102. J. P. Giles. Lat. 28°22', long. 99°40'. Drilled unused artesian well in Carrizo sand, diameter 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, 1935-55. Sept. 20, 143. 77.

S5-5. Dolph Briscoe. Lat. 28°15', long. 99°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. No measurement made in 1955.

S5-10. Catarina Farms Co. Lat. 28°17', long. 99°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, 1955. Sept. 20, 119. 45.

S6-4. O. V. Ray. Lat. 28°17', long. 99°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, 1935-55. Sept. 20, 34. 96.

Duval County

69. Juan Peralez. Lat. 27°46', long. 98°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, 1952-55. Feb. 10, 76. 49.

70. M. Cantu. Lat. 27°46', long. 98°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 56.31 below lsd, Feb. 10, 1955. Records available: 1931, 1933-34, 1936-41, 1948-55. Feb. 10, 56. 31.

71. Helena de Pena. Lat. 27°46', long. 98°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, 1947-55. Feb. 10, 44. 02.

73. Severo Ranjel. Lat. 27°47', long. 98°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, 1947-55. Feb. 10, 34. 88.

143. Celidonio Ruiz. Benavides. Lat. 27°35', long. 98°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 1955.

157. Francisco Vaello. Lat. 27°34', long. 98°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, 1948-55. Feb. 10, 89. 50.

158. Marco Gomez. Lat. 27°34', long. 98°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, 1951-55. Feb. 10, 93. 12.

175. Mrs. Tom Cavanaugh. Lat. 27°35', long. 98°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, 1947-55. Feb. 10, 46. 38.

183. Lazaro Vela. Lat. 27°39', long. 98°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. Measurement discontinued.

184. Eusebio Alanis. Lat. 27°39', long. 98°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. 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, 1948-55. Feb. 10, 43.73.

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, 1947-55. Feb. 10, 44.13.

201. Maria Villareal de Saenz. Lat. $27^{\circ}35'$, long. $98^{\circ}16'$. Drilled farm artesian well in Goliad sand, diameter 6 inches, depth 125 feet, cased to 30. Highest water level 72.37 below lsd, Mar. 7, 1945; lowest 82.97 below lsd, Feb. 10, 1955. Records available: 1931, 1933-41, 1943, 1945-55. Feb. 10, 82.97.

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 85.41 below lsd, Feb. 10, 1955. Records available: 1933-41, 1943, 1945-55. Feb. 10, 85.41.

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, 1947-55. Feb. 10, 42.14.

230. San Antonio Loan & Trust Co. Lat. $27^{\circ}23'$, long. $98^{\circ}31'$. 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, 1947-55. Feb. 10, 58.70.

271. J. Mann. Lat. $27^{\circ}22'$, long. $98^{\circ}28'$. 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 90.08 below lsd, Feb. 10, 1955. Records available: 1933-41, 1943, 1945, 1947-55. Feb. 10, 90.08.

289. Adolfo Garcia. Lat. $27^{\circ}20'$, long. $98^{\circ}24'$. 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, 1947-55. Feb. 10, 46.34.

290. Andalusia Garcia. Lat. $27^{\circ}19'$, long. $98^{\circ}24'$. 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, 1947-55. Feb. 10, 50.09.

297. San Antonio Loan & Trust Co. Lat. $27^{\circ}17'$, long. $98^{\circ}20'$. 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, 1947-55. Feb. 10, 56.80.

301. Virginia Garcia. Lat. $27^{\circ}19'$, long. $98^{\circ}20'$. Drilled farm artesian well, diameter 6 inches, depth 280 feet. Highest water level 49.00 below lsd, Mar. 30, 1933; lowest 80.62 below lsd, Feb. 10, 1955. Records available: 1931, 1933-41, 1943, 1945, 1947-50, 1953-55. Feb. 10, 80.62.

315. Ruben Schultz. Lat. $27^{\circ}18'$, long. $98^{\circ}16'$. 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, 1945-55. Feb. 10, 53.77.

319. San Antonio Loan & Trust Co. Lat. $27^{\circ}19'$, long. $98^{\circ}15'$. Drilled unused artesian well in Goliad sand, diameter 6 inches, depth 340 feet. Highest water level 22.31 below lsd, Feb. 15, 1934; lowest 65.85 below lsd, Feb. 10, 1955. Records available: 1931, 1933-39, 1941, 1943, 1945-55. Feb. 10, 65.85.

322. Santana Hinojosa. Lat. $27^{\circ}16'$, long. $98^{\circ}17'$. Drilled farm water-table well in Lissie(?) formation, diameter 6 inches, depth 50 feet. Highest water level 36.16 below lsd, Jan. 27, 1938; lowest 83.35 below lsd, Feb. 10, 1955. Records available: 1932-41, 1943, 1945, 1947-51, 1953-55. Feb. 10, 83.35.

El Paso County

30a. El Paso city well 14. San Antonio and Walnut Sts. Lat. $31^{\circ}46'$, long. $106^{\circ}27'$. 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. No measurement made in 1955.

32a. El Paso city well 17. San Antonio and Tornillo Sts. Lat. $31^{\circ}45'$, long. $106^{\circ}28'$. 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 48.38 below lsd, Sept. 19, 1955. Records available: 1939-40, 1942-48, 1950-55. Sept. 19, 48.38.

42. El Paso city well 9. Luna and Pera Sts. Lat. $31^{\circ}46'$, long. $106^{\circ}27'$. 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. No measurement made in 1955.

48b. El Paso city test well 33. River end of Val Verde St. Lat. $31^{\circ}45'$, long. $106^{\circ}25'$. 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 42.91 below lsd, June 20, 1955. Records available: 1940-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	34.28	Apr. 20	37.96	July 25	39.29	Oct. 20	35.11
Feb. 21	35.64	May 20	39.84	Aug. 20	41.64	Nov. 21	36.96
Mar. 21	38.58	June 20	42.91	Sept. 20	39.44	Dec. 20	38.74

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 89.43 below lsd, Jan. 27, 1955. Records available: 1934-35, 1937-48, 1950-55. Jan. 27, 89.43; June 8, 151.8, pumping.

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, 1950-55. Jan. 27, 127.57; Sept. 19, 148.83, pumping.

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 76.08 below lsd, June 10, 1955. Records available: 1929, 1935-55. Apr. 22, 72.86; June 10, 76.08; Sept. 26, 75.04.

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 275.74 below lsd, Dec. 20, 1955. Records available: 1936-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	273.84	Apr. 20	274.14	July 25	274.85	Oct. 20	275.42
Feb. 21	273.90	May 20	274.41	Aug. 20	274.95	Nov. 21	275.47
Mar. 21	274.00	June 20	274.68	Sept. 20	275.03	Dec. 20	275.74

72. U. S. 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, 1952-55. Jan. 25, 227.12; Apr. 14, 235.14; June 10, 239.42; Sept. 20, 234.8.

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: 1938-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	222.35	Apr. 20	223.57	July 25	223.91	Oct. 20	223.85
Feb. 21	222.04	May 20	224.41	Aug. 20	224.26	Nov. 21	223.86
Mar. 21	222.93	June 20	224.79	Sept. 20	223.98	Dec. 20	224.28

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: 1936-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	254.88	Apr. 20	261.32	July 25	259.04	Oct. 20	258.88
Feb. 21	256.87	May 20	262.84	Aug. 20	262.48	Nov. 21	258.57
Mar. 21	259.65	June 20	262.14	Sept. 20	261.01	Dec. 20	258.99

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 246.7 below lsd, June 10, 1955. Records available: 1935-40, 1942-55. Jan. 28, 224.45; Apr. 18, 236.05; June 10, 246.7.

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 203.27 below lsd, June 10, 1955. Records available: 1937-55. Jan. 25, 203.18; Apr. 13, 203.04; June 10, 203.27; Sept. 20, 203.18.

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: 1935-55. Jan. 28, 209.20; June 10, 219.8; Sept. 22, 213.69.

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 212.54 below lsd, Sept. 22, 1955. Records available: 1939-55. Jan. 28, 211.50; Apr. 15, 211.80; June 17, 212.26; Sept. 22, 212.54.

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 259.14 below lsd, Dec. 20, 1955. Records available: 1936-55.

Jan. 22	256.72	Apr. 20	257.47	July 25	257.95	Oct. 20	258.71
Feb. 21	256.74	May 20	257.89	Aug. 20	258.51	Nov. 21	258.89
Mar. 21	257.14	June 20	258.42	Sept. 20	258.56	Dec. 20	259.14

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 341.50 below lsd, Sept. 21, 1955. Records available: 1940-45, 1947-55. Jan. 26, 340.73; June 15, 341.35; Sept. 21, 341.50.

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, 1947-55. Jan. 24, 318.75; June 15, 318.81.

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 78.47 below lsd, Jan. 4, 1955. Records available: 1936-55. Jan. 4, 78.47.

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, August 1936; lowest 110.15 below lsd, Jan. 5, 1955. Records available: 1936, 1947-55. Jan. 5, 110.15.

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 114.16 below lsd, Jan. 5, 1955. Records available: 1947-55. Jan. 5, 114.16.

32. Frank Whitfill. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, blk. C9. Lat. 34°15', long. 101°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 121.90 below lsd, Jan. 5, 1955. Records available: 1937-43, 1945-55. Jan. 5, 121.90.

42. D. Jackson. NW. cor. SW $\frac{1}{4}$ sec. 14, blk. C9. Lat. 34°14', long. 101°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 101.64 below lsd, Jan. 5, 1955. Records available: 1947-55. Jan. 5, 101.64.

53. Ben Quebe. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 99, blk. D2. Lat. 34°13', long. 101°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 83.86 below lsd, Jan. 4, 1955. Records available: 1937, 1940, 1947-50, 1952-55. Jan. 4, 83.86. Measurement discontinued.

55. Ben Quebe. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 89, blk. D2. Lat. 34°13', long. 101°31'. Drilled irrigation water-table well in sand, depth 200 feet. Highest water level 59.14 below lsd, June 3, 1937; lowest 94.16 below lsd, Jan. 4, 1955. Records available: 1937, 1940, 1947-50, 1952-53, 1955. Jan. 4, 94.16.

56. Ben Quebe. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 100, blk. D2. Lat. 34°13', long. 101°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 88.10 below lsd, Jan. 4, 1955. Records available: 1940, 1947-50, 1952-55. Jan. 4, 88.10.

57. T. L. Wilhite. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 87, blk. D2. Lat. 34°13', long. 101°29'. Drilled unused water-table well in sand. Highest water level 60.10 below lsd, May 3, 1937; lowest 98.15 below lsd, Jan. 5, 1955. Records available: 1936-55. Jan. 5, 98.15.

106. M. W. Alford. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 65, blk. D2. Lat. 34°11', long. 101°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. No measurement made in 1955.

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 281 feet, cased to 276. Highest water level 49.5 below lsd, Jan. 3, 1914; lowest 110.69 below lsd, Jan. 4, 1955. Records available: 1914, 1938-55. Jan. 4, 110.69.

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 118.63 below lsd, Jan. 4, 1955. Records available: 1937, 1947-55. Jan. 4, 118.63.

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 104.42 below lsd, Jan. 4, 1955. Records available: 1914, 1936-55. Jan. 4, 104.42.

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 104.07 below lsd, Jan. 4, 1955. Records available: 1914, 1936-55. Jan. 4, 104.07.

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 119.81 below lsd, Jan. 5, 1955. Records available: 1937-55. Jan. 5, 119.81.

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 127.32 below lsd, Jan. 5, 1955. Records available: 1947-49, 1951-55. Jan. 5, 127.32.

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 124.32 below lsd, Jan. 5, 1955. Records available: 1914, 1934, 1937-38, 1941-55. Jan. 5, 124.32.

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. No measurement made in 1955.
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 120.45 below lsd, Jan. 4, 1955. Records available: 1914-15, 1936-37, 1948-50, 1952-55. Jan. 4, 120.45.
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 110.35 below lsd, Jan. 3, 1955. Records available: 1916, 1934, 1937-55. Jan. 3, 110.35.
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, diameter 24 to 12 inches, depth 278 feet, cased to 278. Highest water level 50.0 below lsd, 1914; lowest 120.57 below lsd, Jan. 3, 1955. Records available: 1914, 1934-55. Jan. 3, 120.57.
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 112.71 below lsd, Jan. 5, 1955. Records available: 1945, 1947-55. Jan. 4, 112.71.
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. No measurement made in 1955.
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 215.03 below lsd, Jan. 7, 1955. Records available: 1939, 1947-55. Jan. 7, 215.03.
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 107.63 below lsd, Jan. 4, 1955. Records available: 1947-51, 1953-55. Jan. 4, 107.63.
264. H. F. Quebe. Lat. 34°14', long. 101°31'. Drilled irrigation water-table well in sand, depth 220 feet. Highest water level 58.82 below lsd, Mar. 7, 1947; lowest 89.99 below lsd, Jan. 4, 1955. Records available: 1947-55. Jan. 4, 89.99.
265. G. B. Johnston. Lat. 34°14', long. 101°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. No measurement made in 1955.
326. W. C. Simms. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 68, blk. 1. Lat. 33°59', long. 101°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, 1945-55. Jan. 7, 151.52.
- 410a. W. C. McGrede. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 44, blk. D6. Lat. 34°07', long. 101°32'. Drilled irrigation water-table well in sand. Highest water level 67.80 below lsd, Mar. 2, 1948; lowest 110.76 below lsd, Jan. 4, 1955. Records available: 1948-49, 1952-55. Jan. 4, 110.76.
414. Mrs. Harriet B. Robbins. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 46, blk. D6. Lat. 34°08', long. 101°30'. Drilled irrigation water-table well in sand, depth 227 feet. Highest water level 49.5 below lsd, July 1913; lowest 129.18 below lsd, Jan. 3, 1955. Records available: 1913-14, 1938-45, 1949-50, 1952-55. Jan. 3, 129.18.
416. J. R. Belt, Jr. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 46, blk. D6. Lat. 34°07', long. 101°30'. Drilled irrigation water-table well in sand, diameter 16 to 12 inches, depth 213 feet. Highest water level 48.2 below lsd, August 1913; lowest 129.51 below lsd, Jan. 3, 1955. Records available: 1913-14, 1938-50, 1953-55. Jan. 3, 129.51.
420. Walter Gloyna. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 47, blk. D6. Lat. 34°07', long. 101°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. No measurement made in 1955.

421. J. R. Belt, Jr. NW. cor. sec. 48, blk. D6. Lat. 34°07', long. 101°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 128.58 below lsd, Jan. 3, 1955. Records available: 1913-14, 1934, 1936-55. Jan. 3, 128.58.

423. Judson Jones. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 48, blk. D6. Lat. 34°07', long. 101°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 127.07 below lsd, Jan. 3, 1955. Records available: 1915, 1947-53, 1955. Jan. 3, 127.07.

435. W. M. Summerlin. Center of L. C. Reed survey. Lat. 34°06', long. 101°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 132.55 below lsd, Jan. 6, 1955. Records available: 1937-43, 1946-55. Jan. 6, 132.55.

442. Solon Clements. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 51, blk. D3. Lat. 34°07', long. 101°24'. Drilled unused water-table well in sand, diameter 8 inches, depth 61 feet. Highest water level 23.78 below lsd, Dec. 20, 1941; lowest 40.00 below lsd, Mar. 11, 1941. Records available: 1937-46, 1948-53. Measurement discontinued.

448. Buck Sams. NW. cor. sec. 74, blk. G. Lat. 34°06', long. 101°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 125.39 below lsd, Jan. 6, 1955. Records available: 1940, 1947-55. Jan. 6, 125.39.

459. Texas Land & Development Co. Lat. 34°04', long. 101°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 109.48 below lsd, Jan. 6, 1955. Records available: 1917, 1934, 1937-55. Jan. 6, 109.48. Measurement discontinued.

463. Sam Moore. NW. cor. sec. 14, blk. N. Lat. 34°05', long. 101°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 116.44 below lsd, Jan. 6, 1955. Records available: 1915, 1934, 1937-49, 1951-55. Jan. 6, 116.44.

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 92.63 below lsd, Jan. 6, 1955. Records available: 1937-49, 1951-55. Jan. 6, 92.63.

472. Texas Land & Development Co. Lat. 34°04', long. 101°30'. Drilled unused water-table well in sand, diameter 26 to 10 inches, depth 293 feet. Highest water level 47.06 below lsd, June 28, 1938; lowest 108.51 below lsd, Jan. 6, 1955. Records available: 1938-55. Jan. 6, 108.51.

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 116.19 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 116.19.

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: 1937-55. Jan. 6, 37.66.

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 137.90 below lsd, Jan. 3, 1955. Records available: 1945, 1947-55. Jan. 3, 137.90.

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 94.54 below lsd, Jan. 6, 1955. Records available: 1937-55. Jan. 6, 94.54.

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 109.52 below lsd, Jan. 7, 1955. Records available: 1937, 1947-49, 1951-52, 1954-55. Jan. 7, 109.52.

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, 1942-55. Jan. 6, 110.76.

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, 1939; lowest 109.62 below lsd, Jan. 6, 1955. Records available: 1939, 1947-55. Jan. 6, 109.62.

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, 1939-43, 1945-46, 1948-54. No measurement made in 1955.

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 135.78 below lsd, Jan. 5, 1955. Records available: 1947-50, 1952-55. Jan. 5, 135.78.

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 120.56 below lsd, Jan. 6, 1955. Records available: 1947-55. Jan. 6, 120.56.

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 119.80 below lsd, Jan. 7, 1955. Records available: 1945, 1947-55. Jan. 7, 119.80. Measurement discontinued.

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 127.04 below lsd, Jan. 6, 1955. Records available: 1945, 1947-55. Jan. 6, 127.04.

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 91.27 below lsd, Jan. 6, 1955. Records available: 1945, 1947-55. Jan. 6, 91.27.

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 104.10 below lsd, Jan. 7, 1955. Records available: 1947-49, 1951-55. Jan. 7, 104.10.

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 114.05 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 114.05.

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 102.45 below lsd, Jan. 6, 1955. Records available: 1947-49, 1951-55. Jan. 6, 102.45.

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 143.37 below lsd, Jan. 6, 1955. Records available: 1947-55. Jan. 6, 143.37.

Fort Bend County

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 83.17 below lsd, Nov. 15, 1955. Records available: 1931, 1933, 1939-55. Mar. 11, 77.02; Nov. 15, 83.17.

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 76.91 below lsd, Nov. 15, 1955. Records available: 1932-33, 1939-55. Mar. 11, 73.83; Nov. 15, 76.91.

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. No measurement made in 1955.

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. Measurement discontinued.

21. L. Pauli. Lat. 29°41', long. 95°48'. Drilled irrigation artesian well in sand, diameter 26 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, 1939-55. Mar. 11, 65.60.

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: 1939-55. Mar. 11, 29.32.

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. No measurement made in 1955.

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 83.67 below lsd, Nov. 17, 1955. Records available: 1940-55. Mar. 16, 79.49; Nov. 17, 83.67.

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 80.7 below lsd, Nov. 15, 1955. Records available: 1939-55. Mar. 11, 77.64; Nov. 15, 80.7.

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: 1938-55. Feb. 9, 124.24; June 17, 124.44.

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: 1945-55. Feb. 9, 102.03; Dec. 8, 105.06.

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 40.58 below lsd, Aug. 17, 1955. Records available: 1947-55. Aug. 17, 40.58.

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: 1947-55. Feb. 2, 69.05; Aug. 17, 91.08.

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. No measurement made in 1955.

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. Measurement discontinued.

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 62.20 below lsd, Aug. 22, 1955. Records available: 1947-55. Aug. 22, 62.20.

D-22. Humble Oil & Refining Co. Lat. 29°32', long. 95°34'. Drilled unused artesian well in sand, diameter 4 inches, depth 448 feet, screen 426-446. Highest water level 40.93 below lsd, May 1, 1947; lowest 81.78 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 78.60; Aug. 16, 81.78.

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 72.69 below lsd, Aug. 16, 1955. Records available: 1944, 1947-55. Aug. 16 72.69.

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 48.02 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 46.45; Aug. 16, 48.02.

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 72.33 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 68.14; Aug. 16, 72.33.

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 78.51 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 73.83; Aug. 16, 78.51.

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 81.43 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 77.54; Aug. 16, 81.43.

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: 1947-55. Feb. 2, 43.08; Aug. 17, 46.07.

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. Measurement discontinued.

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: 1947-55. Feb. 2, 53.53; Aug. 17, 53.84.

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, 1949-55. Feb. 2, 35.86; Aug. 17, 36.19.

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, 1954-55. Feb. 2, 32.19.

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 22.29 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 19.73; Aug. 16, 22.29.

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 20.69 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 2, 20.22; Aug. 16, 20.69.

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, 1950-55. Feb. 2, 36.24.

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: 1948-55. Feb. 2, 31.70.

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, 1948-55. Feb. 2, 28.85.

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 31.96 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 30.56; Aug. 16, 31.96.

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 51.00 below lsd, Feb. 1, 1955. Records available: 1940, 1947-51, 1953-55. Feb. 1, 51.00.

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 36.87 below lsd, Aug. 16, 1955. Records available: 1947-55. Feb. 1, 35.50; Aug. 16, 36.87.

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 57.74 below lsd, Aug. 17, 1955. Records available: 1947, 1949-55. Feb. 2, 42.84; Aug. 17, 57.74.

Gaines County

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, 1949-55. Jan. 12, 54.25.

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, 1949-55. Jan. 12, 40.54.

Galveston County

16(A-7). 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 130 below lsd, Nov. 1, 1955. Records available: 1939-41, 1943-44, 1947-55. May 2, 129; Nov. 1, 130.

28(B-40). 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 117.09 below lsd, Nov. 1, 1955. Records available: 1931-33, 1939-55. May 2, 109.70; Nov. 1, 117.09.

29(B-39). 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 117.16 below lsd, Nov. 1, 1955. Records available: 1939, 1941-42, 1944-55. May 2, 109.99; Nov. 1, 117.16.

42(B-10). 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 96.50 below lsd, Nov. 1, 1955. Records available: 1939-55. May 2, 93.32; Nov. 1, 96.50.

81(D-3). 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 120.67 below lsd, May 2, 1955. Records available: 1931, 1939, 1941, 1944-55. May 2, 120.67.

89(D-7). 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 105.21 below lsd, Nov. 1, 1955. Records available: 1941-42, 1944-55. May 2, 100.08; Nov. 1, 105.21.

115(E-68). 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, 1935-55. May 3, 80.30; Nov. 2, 82.01.

130(E-7). 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 101.72 below lsd, Nov. 2, 1955. Records available: 1939, 1941, 1945-53, 1955. May 2, 100.27; Nov. 2, 101.72.

162(F-2). 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 89.36 below lsd, Nov. 19, 1954. Records available: 1941-42, 1944-55. May 3, 86.60; Nov. 2, 88.37.

195(F-24). 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, 1941-55. May 3, 94.79; Nov. 4, 93.81.

205(F-34). 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, 1941-55. May 9, 77.35; Nov. 1, 75.26.

243(F-60). 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, 1946-55. May 9, 115.73; Nov. 7, 113.39.

351(M-13). 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 86.62 below lsd, May 5, 1955. Records available: 1939, 1941, 1944-55. May 5, 86.62.

382(M-15). 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, 1944-55. May 5, 69.52; Nov. 3, 66.71.

392(L-29). 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. No measurement made in 1955.

396(L-33). 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, 1951-55. May 4, 58.52; Nov. 3, 59.38.

475(B-36). 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. Measurement discontinued.

482(M-15). 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 47.31 below lsd, Mar. 13, 1939; lowest 117.36 below lsd, Nov. 1, 1955. Records available: 1939, 1941, 1944-55. May 2, 108.32; Nov. 1, 117.36.

566(E-44). 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. Measurement discontinued.

570(E-37). 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 93.23 below lsd, Nov. 2, 1955. Records available: 1941, 1944-55. May 3, 88.42; Nov. 2, 93.23.

688(L-63). City of Galveston 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: 1941-55. May 6, 108.52; Nov. 8, 108.82.

689(E-93). 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 122.0 below lsd, Sept. 3-9, 1955. Records available: 1941-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	115.3	113.3	112.7	112.2	112.0	114.4	118.2	120.6	121.9	121.1	120.3	119.2
2	115.3	113.3	112.6	112.2	112.0	114.5	118.4	120.6	121.9	121.1	120.3	119.1
3	115.2	113.2	112.6	112.2	112.0	114.7	118.5	120.7	122.0	121.1	120.4	119.1
4	115.1	113.0	112.5	112.2	112.0	114.8	118.7	120.7	122.0	121.1	120.3	119.1
5	115.0	112.9	112.5	112.2	112.0	115.0	118.8	120.8	122.0	121.0	120.2	119.1
6	114.9	112.8	112.5	112.2	112.0	115.1	118.9	120.9	122.0	121.0	120.2	119.0
7	114.8	112.8	112.6	112.2	112.0	115.3	119.0	121.0	122.0	121.0	120.2	118.9
8	114.7	112.8	112.6	112.2	112.0	115.5	119.2	121.0	122.0	121.0	120.2	118.9
9	114.5	112.7	112.5	112.1	112.1	115.6	119.3	121.0	122.0	121.0	120.1	119.0
10	114.5	112.7	112.5	112.1	112.3	.....	119.4	121.0	121.9	120.9	120.0	118.9

689(E-93)--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	114.5	112.8	112.5	112.1	112.5	.....	119.5	121.0	121.8	120.9	120.0	118.9
12	114.4	112.9	112.5	112.0	112.6	116.0	119.6	121.0	121.8	120.8	120.0	118.8
13	114.4	112.9	112.6	112.0	112.7	116.0	119.7	121.1	121.7	120.8	120.3	118.8
14	114.3	112.9	112.6	112.1	112.8	116.1	119.9	121.1	121.6	120.8	119.9	118.8
15	114.2	112.8	112.6	112.1	113.0	116.2	120.0	121.2	121.6	120.7	119.9	118.8
16	114.2	112.8	112.6	112.1	113.1	116.3	120.0	121.2	121.6	120.7	119.9	118.7
17	114.0	112.8	112.5	112.1	113.3	116.4	120.1	121.2	121.5	120.7	119.9	118.6
18	114.0	112.8	112.5	112.2	113.4	116.5	120.2	121.3	121.5	120.7	119.8	118.6
19	114.1	112.8	112.4	112.2	113.4	116.6	120.3	121.3	121.4	120.6	119.8	118.7
20	114.0	112.9	112.4	112.2	113.5	116.8	120.3	121.4	121.4	120.6	119.8	118.6
21	113.9	112.9	112.4	112.3	113.5	116.9	120.4	121.4	121.3	120.6	119.7	118.6
22	113.9	112.9	112.5	112.2	113.6	117.0	120.4	121.4	121.3	120.5	119.6	118.5
23	113.8	112.9	112.4	112.2	113.7	117.2	120.4	121.5	121.2	120.5	119.6	118.5
24	113.8	112.9	112.4	112.2	113.7	117.3	120.4	121.5	121.2	120.5	119.6	118.5
25	113.8	112.9	112.4	112.1	113.8	117.4	120.5	121.5	121.2	120.4	119.6	118.5
26	113.7	112.8	112.5	112.0	113.8	117.5	120.5	121.6	121.1	120.4	119.6	118.5
27	113.7	112.8	112.5	112.0	113.9	117.6	120.5	121.6	121.1	120.3	119.5	118.5
28	113.7	112.7	112.4	112.0	114.0	117.8	120.5	121.7	121.1	120.3	119.5	118.5
29	113.7		112.4	112.0	114.1	117.9	120.5	121.7	121.1	120.3	119.5	118.5
30	113.5		112.3	112.0	114.2	118.1	120.5	121.7	121.1	120.3	119.5	118.5
31	113.4		112.3		114.2		120.5	121.8		120.3		118.5

691(L-11). 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. Measurement discontinued.

699(F-23). 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, 1944-55. May 3, 96.00.

700(A-12). 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 127.20 below lsd, Nov. 1, 1955. Records available: 1941-42, 1944-55. May 2, 122.96; Nov. 1, 127.20.

709(E-15). 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 91.82 below lsd, May 2, 1955. Records available: 1941-42, 1944-55. May 2, 91.82; Nov. 2, 90.81.

710(L-25). 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 86.11 below lsd, Nov. 3, 1955. Records available: 1941-42, 1944-55. May 4, 84.01; Nov. 3, 86.11.

787(D-14). 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 124.04 below lsd, Aug. 25, 1955. Records available: 1942-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	112.81	Apr. 25	111.55	July 25	123.13	Oct. 24	120.55
Feb. 24	112.37	May 24	114.17	Aug. 25	124.04	Nov. 23	119.37
Mar. 25	111.37	June 24	119.59	Sept. 23	121.83	Dec. 20	118.56

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. No measurement made in 1955.

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, 1952-55. Jan. 14, 107.73.

68. Tom Bostic. $E\frac{1}{2}SE\frac{1}{4}$ sec. 23, blk. S1. Lat. $34^{\circ}15'$, long. $102^{\circ}01'$. 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 88.27 below lsd, Jan. 14, 1955. Records available: 1939, 1947-49, 1951-55. Jan. 14, 88.27. Measurement discontinued.

70. Tom Bostic. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 12, blk. S1. Lat. $34^{\circ}18'$, long. $102^{\circ}00'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 161 feet. Highest water level 66.63 below lsd, Mar. 12, 1947; lowest 91.60 below lsd, Jan. 14, 1955. Records available: 1947-49, 1951-55. Jan. 14, 91.60.

81. S. E. Curry. $NW\frac{1}{4}NW\frac{1}{4}NW\frac{1}{4}$ sec. 51, blk. K. Lat. $34^{\circ}19'$, long. $101^{\circ}56'$. 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 86.68 below lsd, Jan. 14, 1955. Records available: 1945-55. Jan. 14, 86.68.

86. R. V. Craig. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 12, blk. O6. Lat. $34^{\circ}13'$, long. $101^{\circ}58'$. 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 108.30 below lsd, Jan. 14, 1955. Records available: 1947-50, 1952-55. Jan. 14, 108.30.

93. R. A. McAlister. $NW\frac{1}{4}SW\frac{1}{4}NW\frac{1}{4}$ sec. 8, blk. O6. Lat. $34^{\circ}14'$, long. $101^{\circ}59'$. 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: 1947-55. Jan. 14, 114.50.

103. Carl Meyer. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 8, blk. C4. Lat. $34^{\circ}17'$, long. $101^{\circ}53'$. 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 70.40 below lsd, Jan. 14, 1955. Records available: 1936-55. Jan. 14, 70.40.

104. W. A. Painter. Center $SE\frac{1}{4}$ sec. 31, blk. S1. Lat. $34^{\circ}16'$, long. $101^{\circ}52'$. 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. No measurement made in 1955.

105. Texas Land & Development Co. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 27, blk. S1. Lat. $34^{\circ}15'$, long. $101^{\circ}51'$. 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 80.37 below lsd, Jan. 14, 1955. Records available: 1934, 1937-46, 1948-55. Jan. 14, 80.37.

138. W. A. Painter. $SW\frac{1}{4}SW\frac{1}{4}NW\frac{1}{4}$ sec. 31, blk. S1. Lat. $34^{\circ}17'$, long. $101^{\circ}52'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 200 feet. Highest water level 50.02 below lsd, Mar. 12, 1947; lowest 71.00 below lsd, Jan. 14, 1955. Records available: 1947-49, 1951-55. Jan. 14, 71.00.

154. W. H. Smith. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 22, blk. JK. Lat. $34^{\circ}12'$, long. $101^{\circ}55'$. 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 92.95 below lsd, Jan. 14, 1955. Records available: 1947-49, 1951-55. Jan. 14, 92.95.

163. S. E. Curry. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 4, blk. JK. Lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Drilled irrigation water-table well in sand, diameter 16 inches, depth 182 feet. Highest water level 48.06 below lsd, Mar. 26, 1943; lowest 83.22 below lsd, Jan. 14, 1955. Records available: 1943-47, 1949-55. Jan. 14, 83.22.

164. S. E. Curry. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 4, blk. JK. Lat. $34^{\circ}14'$, long. $101^{\circ}50'$. 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. No measurement made in 1955.

165. A. B. Tarwater. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 4, blk. JK. Lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Drilled irrigation water-table well in sand, depth 240 feet. Highest water level 51.70 below lsd, Mar. 26, 1943; lowest 87.90 below lsd, Jan. 14, 1955. Records available: 1939, 1943-50, 1952-55. Jan. 14, 87.90.

202. Texas Land & Development Co. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 20, blk. C3. Lat. $34^{\circ}19'$, long. $101^{\circ}46'$. 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 103.75 below lsd, Jan. 11, 1955. Records available: 1916, 1934, 1936-39, 1942-50, 1952-55. Jan. 11, 103.75.

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 feet. Highest water level 62.0 below lsd, Sept. 8, 1916; lowest 104.23 below lsd, Oct. 21, 1954. Records available: 1916, 1936-49, 1951-55. Jan. 12, 103.08.

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. No measurement made in 1955.

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: 1936-55. Jan. 11, 95.78.

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 90.00 below lsd, Jan. 17, 1955. Records available: 1914, 1938-55. Jan. 17, 90.00.

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. No measurement made in 1955.

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, 1947-55. Jan. 12, 91.36.

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, 1951-55. Jan. 12, 95.24.

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. No measurement made in 1955.

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 28 inches, depth 180 feet. Highest water level 42.0 below lsd, 1914; lowest 89.21 below lsd, Dec. 8, 1954. Records available: 1914, 1936-55. Jan. 12, 89.13.

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 18 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, 1951-55. Jan. 12, 94.85.

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, 1951-55. Jan. 14, 55.11. Measurement discontinued.

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, 1937-55. Jan. 12, 103.35.

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, 1938; lowest 83.14 below lsd, Jan. 12, 1955. Records available: 1936-55. Jan. 12, 83.14.

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 82.10 below lsd, Jan. 12, 1955. Records available: 1948-55. Jan. 12, 82.10.

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: 1948-55. Jan. 18, 84.49.

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. No measurement made in 1955.

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 92.88 below lsd, Jan. 11, 1955. Records available: 1947-55. Jan. 11, 92.88.

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, 1952-55. Jan. 12, 79.73.

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, 1952-55. Jan. 11, 86.48.

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 71.37 below lsd, Oct. 22, 1955. Records available: 1949-55.

Daily highest water level from recorder graph*

Day	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
1	70.74	69.83	68.78	69.59	70.74	71.10	71.20
2	70.80	69.83	68.78	69.53	70.68	71.10	71.21
3	70.58	69.80	68.84	69.56	70.68	71.10	71.21
4	70.64	69.75	68.82	69.55	70.71	71.12	.....
5	70.50	69.73	68.78	69.75	70.77	71.12	.....
6	70.48	69.70	68.77	69.71	70.84	71.12	.....
7	70.48	69.67	68.78	69.72	70.79	71.13	.....
8	70.46	69.60	68.79	69.70	70.79	71.12	.....
9	70.44	69.58	68.96	69.69	70.86	71.13	.....
10	70.46	69.52	69.21	69.70	70.95	71.28	.....
11	70.42	69.46	69.27	69.70	70.89	71.24	.....
12	70.44	69.39	69.47	69.84	70.90	71.22	.....
13	70.41	69.35	69.54	70.28	70.89	71.20	.....
14	69.03	.....	70.40	69.29	69.60	70.13	70.89	71.20	.....
15	69.82	70.39	69.24	69.85	70.13	70.97	71.18	.....
16	69.84	70.34	69.19	69.80	70.44	70.98	71.15	.....
17	69.98	70.32	69.28	69.69	70.32	70.92	71.20	.....
18	70.02	70.35	69.44	69.65	70.39	70.91	71.20	.....
19	70.04	70.35	69.40	69.63	70.37	70.90	71.25	.....
20	70.06	70.33	69.33	69.59	70.37	70.89	71.25	.....
21	70.03	70.29	69.26	69.59	70.34	70.89	71.32	.....
22	70.01	70.24	69.18	69.60	70.38	71.00	71.37	.....
23	70.04	70.24	69.11	69.65	70.40	71.10	71.35	.....
24	70.09	70.20	69.05	69.61	70.41	71.12	71.36	.....
25	70.11	70.12	68.99	69.57	70.48	71.12	71.32	.....
26	70.15	70.10	68.94	69.59	70.70	71.12	71.32	.....
27	70.16	70.06	68.93	69.64	70.83	71.13	71.28	.....
28	70.20	70.03	68.90	69.59	70.79	71.15	71.25	.....
29	70.39	69.96	68.86	69.55	70.75	71.14	71.20	.....
30	70.42	69.92	68.81	69.52	70.74	71.12	71.20	.....
31	69.89	.....	69.52	70.74	.....	71.22	.....

* No record for January, February, and December.

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 96.08 below lsd, Jan. 12, 1955. Records available: 1914, 1936-50, 1952-55. Jan. 12, 96.08.

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 106.34 below lsd, Jan. 13, 1955. Records available: 1936-55. Jan. 13, 106.34.

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 97.79 below lsd, Jan. 13, 1955. Records available: 1914, 1936-55. Jan. 13, 97.79.

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, 1943-55. Jan. 13, 113. 20.

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. Measurement discontinued.

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. No measurement made in 1955.

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 58.23 below lsd, Jan. 13, 1955. Records available: 1937-55. Jan. 13, 58.23.

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. No measurement made in 1955.

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 100.26 below lsd, Jan. 11, 1955. Records available: 1949-55. Jan. 11, 100.26.

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: 1947-55. Jan. 17, 94.34.

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, 1936-55. Jan. 17, 90.65.

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, 1936-55. Jan. 17, 86.13.

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 80-200. Highest water level 61.92 below lsd, Mar. 14, 1947; lowest 87.72 below lsd, Jan. 17, 1955. Records available: 1947-55. Jan. 17, 87.72.

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: 1937-55. Jan. 11, 93.24.

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, 1936-55. Jan. 17, 71.33.

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. No measurement made in 1955.

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. Measurement discontinued.

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 72.04 below lsd, Jan. 13, 1955. Records available: 1936-55. Jan. 13, 72.04.
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. No measurement made in 1955.
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, 1945-55. Jan. 13, 83.94.
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 110.75 below lsd, Jan. 13, 1955. Records available: 1937-42, 1948-50, 1952-55. Jan. 13, 110.75.
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 141.38 below lsd, Jan. 13, 1955. Records available: 1937-55. Jan. 13, 141.38.
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 105.21 below lsd, Jan. 3, 1955. Records available: 1937-50, 1952-55. Jan. 3, 105.21.
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: 1936-55. Jan. 17, 62.31.
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: 1937-55. Jan. 12, 71.91.
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, 1952-55. Jan. 13, 81.71.
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 83.18 below lsd, Jan. 17, 1955. Records available: 1947-55. Jan. 17, 83.18.
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 99.05 below lsd, Jan. 17, 1955. Records available: 1947-49, 1951-55. Jan. 17, 99.05.
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, 1947-55. Jan. 13, 73.63.
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: 1947-55. Jan. 13, 100.84.
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 92.50 below lsd, Jan. 13, 1955. Records available: 1947-49, 1951-55. Jan. 13, 92.50.
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. No measurement made in 1955.

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 94.53 below lsd, Jan. 3, 1955. Records available: 1947-49, 1951-53, 1955. Jan. 3, 94.53.

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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, 1939-55. Feb. 16, 11.63; June 20, 12.54; Sept. 22, 13.50.

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, 1936-55. Feb. 8, 47.24; June 20, 47.55; Sept. 22, 47.46; Dec. 15, 47.75.

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, 1936-55. Feb. 8, 72.42; June 20, 82.62; Sept. 22, 83.49; Dec. 15, 76.20.

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, 1938-55. Feb. 8, 63.53; June 20, 96.47; Sept. 22, 85.34; Dec. 15, 68.10.

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: 1931-55. Feb. 8, 41.87. Measurement discontinued.

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: 1931-55. Feb. 8, 32.00; June 20, 30.48; Sept. 22, 32.30; Dec. 15, 32.90.

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: 1940-55. Mar. 15, 62.95.

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 31.98 below lsd, Feb. 14, 1955. Records available: 1911, 1944-55. Feb. 14, 31.98. Measurement discontinued.

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 34.72 below lsd, Sept. 26, 1955. Records available: 1938, 1944-55. Feb. 14, 33.83; June 21, 34.33; Sept. 26, 34.72.

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, 1939-55. Feb. 14, 24.92; June 21, 25.84; Sept. 26, 25.05; Dec. 22, 26.19.

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. Measurement discontinued.

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 63.27 below lsd, Sept. 26, 1955. Records available: 1943-55. Feb. 3, 58.67; June 17, 62.97; Sept. 26, 63.27; Dec. 22, 61.75.

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, February 1931; lowest 67.02 below lsd, Mar. 30, 1953. Records available: 1931, 1939-53. Measurement discontinued.

136. J. Freeman well 1. Lat. $29^{\circ}52'$, long. $95^{\circ}48'$. 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 79.03 below lsd, Nov. 21, 1955. Records available: 1931, 1933, 1939-55. Mar. 14, 74.31; Nov. 21, 79.03.

139. Oscar Kemp well 1. Lat. $29^{\circ}53'$, long. $95^{\circ}47'$. 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 80.06 below lsd, Nov. 21, 1955. Records available: 1931-33, 1939-55. Mar. 11, 74.35; Nov. 21, 80.06.

140. Oscar Kemp well 2. Lat. $29^{\circ}53'$, long. $95^{\circ}47'$. 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 81.89 below lsd, Nov. 21, 1955. Records available: 1939-55. Mar. 11, 74.92; Nov. 21, 81.89.

167. E. C. Smith. Lat. $29^{\circ}58'$, long. $95^{\circ}43'$. 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 43.43 below lsd, June 20, 1955. Records available: 1931-55. June 20, 43.43.

169a(160). Ben Pugh. Lat. $29^{\circ}59'$, long. $95^{\circ}45'$. 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: 1938-55. Mar. 15, 24.98; Nov. 17, 29.06.

171. E. H. Juergen. Cypress. Lat. $29^{\circ}58'$, long. $95^{\circ}41'$. 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: 1931-55. Feb. 8, 32.79; Dec. 15, 33.92.

178. K. P. Black. Lat. $29^{\circ}55'$, long. $95^{\circ}38'$. 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, 1939-55. Feb. 8, 6.01; June 20, 7.70; Sept. 22, 15.02; Dec. 15, 18.13.

182. Joel Schmidt. Lat. $29^{\circ}54'$, long. $95^{\circ}41'$. Drilled irrigation artesian well in sand, diameter 24 inches, depth 239 feet. Highest water level 26.02 below lsd, Mar. 24, 1944; lowest 65.37 below lsd, Nov. 18, 1955. Records available: 1939-55. Mar. 14, 56.42; Nov. 18, 65.37.

186. T. B. Tucker well 3. Lat. $29^{\circ}53'$, long. $95^{\circ}44'$. 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 63.71 below lsd, Nov. 21, 1956. Records available: 1931, 1939-55. Mar. 14, 56.12; Nov. 21, 63.71.

196. Humble Pipe Line Co. Lat. $29^{\circ}54'$, long. $95^{\circ}37'$. 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: 1948-55. Feb. 8, 56.40; June 20, 60.34; Sept. 22, 60.29; Dec. 15, 58.20.

211. Amerada-Stanolind. Lat. $29^{\circ}54'$, long. $95^{\circ}35'$. 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 86.75 below lsd, June 20, 1955. Records available: 1946-55. Feb. 8, 77.12; June 20, 86.75; Sept. 22, 78.41.

225. Trinity & Brazos Valley Ry. Co. Lat. $29^{\circ}55'$, long. $95^{\circ}31'$. 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: 1938-55. Feb. 7, 103.29; June 17, 115.81; Sept. 20, 119.20; Dec. 21, 104.42.

226. W. A. Fraser. Lat. $29^{\circ}55'$, long. $95^{\circ}34'$. 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: 1941-55. Feb. 14, 74.40; Dec. 15, 80.22.

231. Jack Frazier Drilling Co. Lat. $29^{\circ}51'$, long. $95^{\circ}29'$. 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: 1946-55. June 16, 101.05; Dec. 21, 101.52.

249. United Gas Corp. Lat. $29^{\circ}54'$, long. $95^{\circ}26'$. Drilled unused artesian well in sand, diameter 4 inches, depth 350 feet. Highest water level 37.70 below lsd, June 21, 1950; lowest 113.97 below lsd, Sept. 19, 1955. Records available: 1946-55. June 17, 43.52; Sept. 19, 113.97; Dec. 19, 107.49.

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: 1944-55. Feb. 14, 104.33; Sept. 19, 115.26; Dec. 19, 113.03.

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 27.42 below lsd, Dec. 19, 1955. Records available: 1931, 1937-55. Feb. 2, 21.65; Dec. 19, 27.42.

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. Measurement discontinued.

264. H. Weary. Lat. 29°58', long. 95°23'. Drilled unused artesian well in sand, diameter 4 inches, depth 1,610 feet, screen about 900. Highest water level 3.0 below lsd, May 29, 1931; lowest 101.40 below lsd, June 18, 1954. Records available: 1931-33, 1935-55. Feb. 3, 86.65; June 14, 97.27; Sept. 19, 95.53; Dec. 19, 88.82.

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. Measurement discontinued.

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 79.22 below lsd, July 25, 1955. Records available: 1939, 1943-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	70.26	July 25	79.22	Sept. 23	75.19	Nov. 23	73.87
June 21	77.44	Aug. 25	77.24	Oct. 24	74.37	Dec. 20	73.78

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, 1943-55. Feb. 11, 86.33; June 13, 86.86.

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, 1943-55. Feb. 3, 86.61; June 14, 81.17; Sept. 19, 83.02; Dec. 19, 84.40.

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 73.64 below lsd, Dec. 19, 1955. Records available: 1931, 1943-55. Feb. 3, 71.20; June 14, 71.98; Sept. 19, 73.50; Dec. 19, 73.64.

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 111.89 below lsd, Dec. 19, 1955. Records available: 1939-41, 1943-55. Feb. 3, 109.44; June 14, 107.97; Sept. 19, 111.14; Dec. 19, 111.89.

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 14.82 below lsd, Sept. 19, 1955. Records available: 1943-55. June 14, 14.46; Sept. 19, 14.82.

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. No measurement made in 1955.

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 101.60 below lsd, Dec. 7, 1955. Records available: 1931, 1947-55. Feb. 11, 96.10; Sept. 15, 98.47; Dec. 7, 101.60.

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 19.34 below lsd, June 13, 1955. Records available: 1947-55. June 13, 19.34.

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: 1947-55. Feb. 11, 38.94; June 13, 50.44; Sept. 15, 54.71; Dec. 7, 46.20.
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 67.89 below lsd, Nov. 18, 1955. Records available: 1905, 1928, 1931, 1933, 1938-55. Mar. 15, 72.57; Nov. 18, 76.89.
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 110-407. Highest water level 34.50 below lsd, May 1930; lowest 84.35 below lsd, Nov. 15, 1955. Records available: 1930, 1938-55. Mar. 11, 76.70; Nov. 15, 84.35.
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. Measurement discontinued.
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, 1939-55. Mar. 14, 38.74; Nov. 11, 39.66.
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, 1939-55. Mar. 11, 74.43.
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 78.01 below lsd, Nov. 18, 1955. Records available: 1933, 1939-55. Mar. 11, 77.85; Nov. 18, 78.01.
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 61.31 below lsd, Mar. 14, 1955. Records available: 1939-55. Mar. 14, 61.31.
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. Measurement discontinued.
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. Measurement discontinued.
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: 1946-55. Feb. 9, 98.67; June 15, 106.81; Sept. 26, 109.21; Dec. 16, 101.77.
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, 1939-55. Feb. 8, 100.55; Sept. 22, 106.73; Dec. 15, 103.81.
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 119.95 below lsd, June 15, 1955. Records available: 1938-55. June 15, 119.95; Dec. 16, 118.33.
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: 1941-55. Mar. 11, 31.20; Nov. 15, 38.81.
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 1,167-1,182. Highest water level 36.00 below lsd, May 5, 1939; lowest 146.35 below lsd, Oct. 25, 1954. Records available: 1939-55.

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Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	136.74	Apr. 25	131.68	July 25	139.47	Oct. 24	139.87
Feb. 24	135.37	May 25	134.53	Aug. 25	140.79	Nov. 23	138.34
Mar. 25	132.69	June 24	136.33	Sept. 23	140.29	Dec. 20	137.01

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, 1953-55. Feb. 9, 91.15; Dec. 16, 95.93.

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. 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, 1949-55. Feb. 7, 202.98; June 16, 206.85; Sept. 21, 210.8; Dec. 22, 204.58.

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: 1938-55. Mar. 8, 222.84; June 10, 224.47; Oct. 4, 225.39; Dec. 8, 218.76.

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 171.25 below lsd, Sept. 21, 1955. Records available: 1931-55. Feb. 23, 157.71; June 17, 167.65; Sept. 21, 171.25; Dec. 16, 168.29.

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: 1931-55. Dec. 8, 119.27.

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: 1931-55.

Jan. 25	172.96	Apr. 25	169.60	July 25	180.50	Oct. 24	182.52
Feb. 24	170.50	May 25	171.36	Aug. 25	184.51	Nov. 23	182.85
Mar. 25	168.85	June 24	173.26	Sept. 23	184.83	Dec. 20	181.00

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: 1938-55. Feb. 3, 141.40; June 17, 144.70; Sept. 19, 147.78; Dec. 19, 143.73.

651b(232). 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: 1938-55. Feb. 3, 19.52. Measurement discontinued.

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: 1931-55. Feb. 18, 200.30; June 15, 202.91; Sept. 15, 210.56; Dec. 7, 202.33.

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 101.98 below lsd, June 14, 1955. Records available: 1931-34, 1938-55. June 14, 101.98.

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: 1946-55. Feb. 15, 203.04; June 14, 203.28; Sept. 14, 207.68; Dec. 7, 206.53.

666a(623). 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 146.62 below lsd, Dec. 8, 1955. Records available: 1938-55. Feb. 23, 142.46; June 10, 143.13; Sept. 16, 146.14; Dec. 8, 146.62.

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: 1931-55. Feb. 15, 207.13; June 8, 208.73; Sept. 14, 211.90; Dec. 6, 211.26.

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, 1931-55. Feb. 15, 217.95; June 14, 218.75; Sept. 13, 222.29; Dec. 6, 220.00.

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: 1931-55. Feb. 10, 230. Measurement discontinued.

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, 1948-55. Feb. 23, 201.51; June 10, 200.73; Sept. 16, 201.17; Dec. 8, 201.38.

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, 1949-55. Feb. 23, 137.04.

798a(778). 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. 22, 1954. Records available: 1936, 1938-55. Feb. 23, 137.04.

807a(840). 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, February 1937; lowest 172.60 below lsd, Sept. 20, 1954. Records available: 1937-42, 1946-55. Feb. 23, 152.84; June 10, 158.68; Sept. 16, 163.43; Dec. 8, 159.90.

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: 1943-55. Feb. 23, 129.43; June 10, 135.26; Sept. 16, 138.84; Dec. 8, 135.20.

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. Measurement discontinued.

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 196.74 below lsd, Sept. 8, 1955. Records available: 1931-34, 1937-55. Feb. 16, 188.22; June 6, 190.46; Sept. 8, 196.74; Dec. 2, 196.57.

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: 1931-55. Feb. 16, 211.52; June 6, 215.79; Sept. 8, 220.40; Dec. 2, 222.53.

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, 1945-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	220.4	218.8	217.6	218.6	218.6	220.2	221.6	.....	.....	230.6	229.3	227.6
2	220.3	218.8	217.9	217.9	218.6	220.4	221.6	.....	.....	230.5	229.4	227.4
3	220.2	218.8	217.9	217.7	218.8	220.5	221.5	.....	.....	230.3	229.5	227.4
4	220.4	218.6	217.9	217.6	218.9	220.3	221.3	.....	.....	230.4	229.5	227.3
5	220.3	218.4	217.8	217.8	219.1	220.0	221.3	.....	.....	230.4	229.3	227.3
6	220.4	218.2	217.6	217.9	219.3	219.9	221.6	.....	.....	230.4	229.2	227.3
7	220.5	218.2	217.6	218.0	219.4	220.1	221.8	.....	.....	230.5	229.1	227.3
8	220.3	218.3	217.6	217.9	219.3	220.3	222.3	.....	.....	230.5	228.9	227.3
9	219.9	218.3	217.6	217.6	219.2	220.3	223.1	.....	.....	230.3	228.9	227.4
10	219.8	218.3	217.5	217.2	219.4	220.3	223.8	.....	.....	230.1	228.8	227.2

879--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	219.9	218.6	217.6	217.1	219.7	220.5	224.2	.....	.....	230.1	228.8	227.2
12	220.0	218.6	217.7	217.1	219.7	220.1	224.2	.....	.....	230.1	228.8	227.1
13	220.0	218.2	217.5	217.1	219.7	220.1	225.0	.....	.....	230.2	228.8	227.1
14	220.0	218.1	217.5	217.3	219.6	220.2	225.5	.....	.....	230.4	228.8	227.1
15	219.6	218.1	217.5	217.6	219.2	220.3	225.5	.....	.....	230.4	228.7	227.1
16	219.3	218.1	217.6	217.4	219.3	220.4	225.8	.....	.....	230.3	228.6	227.1
17	219.1	218.2	217.9	217.3	219.4	220.4	226.1	.....	.....	230.3	228.8	226.9
18	219.0	218.1	218.0	217.2	219.7	220.5	226.2	.....	.....	230.3	228.6	226.8
19	219.3	218.1	217.9	217.6	219.7	220.6	226.6	.....	.....	230.1	228.5	226.7
20	219.3	217.8	217.7	217.7	219.7	220.6	227.1	.....	.....	230.1	228.4	226.7
21	219.3	217.7	217.6	217.8	219.7	220.6	227.3	.....	.....	230.2	228.3	226.6
22	219.2	217.7	217.9	217.8	219.4	220.8	227.5	.....	.....	230.1	228.1	226.6
23	219.0	217.8	217.9	217.8	219.3	221.0	227.4	.....	230.6	230.0	228.2	226.6
24	218.8	217.7	217.9	217.8	219.5	221.2	226.6	.....	230.6	229.7	228.2	226.6
25	219.1	217.8	218.0	217.8	220.1	221.5	226.1	.....	230.5	229.7	228.1	226.4
26	219.1	217.7	218.0	217.9	220.2	221.3	226.1	.....	230.5	229.6	227.9	226.2
27	219.1	217.5	217.6	218.2	220.3	221.2	226.1	.....	230.5	229.6	227.7	226.1
28	219.1	217.5	217.5	218.4	220.3	221.2	226.3	.....	230.5	229.7	227.7	226.1
29	219.0		217.8	218.6	220.2	221.5	227.0	.....	230.5	229.6	227.8	226.0
30	218.7		218.0	218.8	220.1	221.6	227.8	.....	230.5	229.5	227.7	226.1
31	218.7		218.0		220.1		227.8	.....	229.4			226.0

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 234.19 below lsd, Sept. 8, 1955. Records available: 1931-55. Feb. 16, 219.70; June 6, 221.96; Sept. 8, 234.19; Dec. 2, 233.92.

898a(913). 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: 1937-55. Feb. 16, 209.71; June 6, 213.16; Sept. 8, 221.59; Dec. 2, 220.82.

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, 1940-55. Feb. 9, 74.41; June 17, 74.85; Dec. 9, 76.94.

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: 1938-55. Feb. 11, 201.29; June 13, 206.84; Sept. 15, 213.00; Dec. 7, 206.90.

934. Champion Paper & Fibre Co. Lat. 29°49', long. 95°13'. Drilled artesian well in sand, diameter 4 inches, depth 135 feet, screen 126-135. Highest water level 35.19 below lsd, Feb. 14, 1940; lowest 101.13 below lsd, Dec. 7, 1955. Records available: 1938-55. Feb. 11, 99.51; June 13, 100.47; Dec. 7, 101.13.

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. Measurement discontinued.

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 199.95 below lsd, Sept. 14, 1955. Records available: 1941, 1943-55. June 9, 197.83; Sept. 14, 199.95; Dec. 6, 198.44.

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 152.34 below lsd, Dec. 6, 1955. Records available: 1943-55. Feb. 10, 143.36; June 9, 151.42; Sept. 14, 151.81; Dec. 6, 152.34.

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 119.93 below lsd, Sept. 15, 1955. Records available: 1940, 1943-55. Feb. 11, 112.57; Sept. 15, 119.93.

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 194.95 below lsd, Dec. 5, 1955. Records available: 1947-55. Feb. 17, 191.46; June 7, 192.57; Sept. 9, 194.54; Dec. 5, 194.95.

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 192.12 below lsd, June 7, 1955. Records available: 1947-55. Feb. 17, 183.67; June 7, 192.12; Sept. 9, 191.10; Dec. 5, 191.40.

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 194.52 below lsd, Dec. 5, 1955. Records available: 1947-55. Feb. 17, 184.84; June 7, 193.19; Sept. 9, 193.96; Dec. 5, 194.52.

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, April 1930; lowest 162.65 below lsd, June 7, 1955. Records available: 1930-31, 1937, 1940-55. Mar. 2, 131.52; June 7, 162.65; Sept. 9, 138.11.

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, 1954-55. Feb. 17, 162.08.

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 152.99 below lsd, Sept. 9, 1955. Records available: 1940, 1944-55. Feb. 17, 145.90; June 7, 151.12; Sept. 9, 152.99; Dec. 16, 152.30.

1152a. City of Galena Park well 1. 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, 1939-55. Feb. 10, 278.0.

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, 1937-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	272.8	271.0	271.5	272.4	273.3	272.5	273.0	273.7	275.5	277.2	275.4	270.9
2	272.8	271.0	271.4	272.5	273.4	272.2	273.4	273.8	275.5	276.9	274.4	271.7
3	272.8	270.9	271.3	272.2	273.6	272.1	273.0	274.0	275.8	276.8	274.5	271.6
4	273.1	269.2	271.6	272.1	273.6	272.0	272.7	274.2	276.1	276.8	274.6	271.6
5	273.2	268.8	271.6	272.3	273.6	271.5	273.2	274.6	276.3	276.6	274.8	271.7
6	273.1	270.0	272.0	272.2	273.6	271.3	273.3	274.4	276.1	276.6	275.4	271.7
7	272.9	270.7	271.6	272.3	273.7	271.5	273.2	274.5	276.1	276.7	275.5	271.9
8	272.5	270.6	271.5	272.0	273.4	271.5	273.0	274.7	276.1	276.7	275.5	272.1
9	272.0	270.6	271.7	271.8	273.2	271.5	273.0	274.9	276.3	276.4	275.2	272.6
10	271.9	270.9	272.1	271.5	273.4	271.7	273.6	275.3	276.4	276.2	275.0	272.8
11	271.6	270.6	272.1	271.4	273.3	271.8	.....	275.4	275.5	276.2	274.7	272.8
12	271.5	270.8	272.5	271.1	273.2	271.8	.....	275.5	275.9	276.1	274.5	272.6
13	271.5	271.0	272.4	271.1	273.1	271.9	.....	275.7	276.1	276.1	274.3	272.5
14	271.0	271.0	272.4	271.1	273.1	273.0	.....	275.5	276.3	276.3	274.0	273.0
15	270.1	271.0	272.6	271.2	273.3	272.6	.....	275.3	276.5	276.4	273.9	273.5
16	270.2	270.8	273.1	271.6	272.4	272.5	.....	275.3	276.9	277.2	274.1	273.2
17	270.0	271.0	272.6	271.6	272.7	272.3	.....	275.4	276.9	277.4	274.1	273.2
18	268.6	271.2	272.6	271.5	272.6	272.0	.....	275.8	276.8	277.4	273.2	273.1
19	270.1	271.3	272.8	271.6	272.4	272.0	274.7	276.2	276.9	276.9	273.6	272.8
20	270.4	271.3	272.8	272.0	272.5	272.5	274.7	276.3	277.0	276.9	273.5	272.8
21	270.2	271.4	272.7	272.1	272.7	272.6	274.6	276.0	276.9	276.3	273.3	273.2
22	270.5	271.6	273.2	272.3	273.5	272.6	274.5	275.9	276.5	276.3	272.8	273.3
23	270.4	271.5	273.0	272.4	274.9	272.1	.....	276.2	276.6	276.3	272.5	273.3
24	270.3	271.5	272.7	272.5	274.3	271.7	.....	276.4	276.7	276.3	272.1	273.2
25	270.4	271.4	272.8	272.7	274.1	271.5	273.0	276.5	276.6	276.3	271.7	273.1
26	270.5	271.5	273.2	272.8	274.3	271.4	273.5	276.2	276.8	276.2	271.1	272.8
27	270.7	271.7	273.2	272.3	273.7	271.3	274.1	276.5	277.1	276.2	271.0	272.8
28	270.6	271.5	273.0	272.2	273.7	272.0	274.3	276.1	277.1	276.1	271.0	272.7
29	270.5	.....	273.0	272.6	273.3	273.1	275.2	275.9	277.1	276.3	271.0	272.8
30	270.8	.....	272.7	273.3	272.7	273.0	274.7	275.9	277.1	276.4	271.1	273.0
31	270.9	.....	272.4	.....	272.1	.....	274.1	275.6	.....	276.3	.....	272.9

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: 1931-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	271	July 7	273	Sept. 2	275	Nov. 15	279
Feb. 25	270	Aug. 4	272	Oct. 26	276	Dec. 10	270
Apr. 26	274						

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, 1945-55. Feb. 18, 218.77; June 8, 183.64; Dec. 5, 180.90. Measurement discontinued.

1182. Port Terminal RR. 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: 1939-55. Feb. 18, 295.15; June 8, 290.82; Sept. 13, 301.84; Dec. 5, 291.84.

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 189.70 below lsd, Dec. 2, 1955. Records available: 1940-55. Feb. 16, 178.80; June 6, 181.68; Sept. 13, 186.83; Dec. 2, 189.70.

1229. City of Houston test well 8. Lat. 29°39', long. 95°11'. Drilled observation artesian well in sand, diameter 3 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: 1939-55.

Jan. 25	227.89	Apr. 25	224.79	July 25	219.86	Oct. 24	215.59
Feb. 24	226.19	May 24	229.49	Aug. 25	217.81	Nov. 23	212.41
Mar. 25	225.12	June 24	223.83	Sept. 23	216.29	Dec. 20	211.15

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: 1939-55.

Jan. 25	255.66	Apr. 25	257.82	July 25	261.00	Oct. 24	256.71
Feb. 21	253.92	May 24	259.31	Aug. 25	260.93	Nov. 23	254.46
Mar. 21	256.54	June 24	260.38	Sept. 23	259.25	Dec. 20	252.85

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 169.33 below lsd, Sept. 16, 1955. Records available: 1941, 1943-55. Feb. 23, 154.90; June 10, 164.42; Sept. 16, 169.33; Dec. 8, 167.02.

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 165.15 below lsd, Sept. 8, 1955. Records available: 1939, 1949-55. Feb. 16, 157.84; June 6, 158.28; Sept. 8, 165.15; Dec. 2, 163.20.

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 139.92 below lsd, Dec. 2, 1955. Records available: 1927, 1935, 1940, 1948-55. Feb. 17, 134.73; Dec. 2, 139.92.

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, 1944-55. Feb. 16, 237.57; June 6, 242.64; Sept. 8, 246.96.

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, 1948-55. Feb. 10, 183.92; June 9, 175.59. Measurement discontinued.

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, 1948-55. Feb. 10, 260.65; June 9, 272.8; Sept. 14, 268.3.

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: 1943-55. Mar. 4, 165.73; Sept. 26, 158.58.

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: 1943-55. Feb. 16, 196.28; Dec. 9, 199.46.

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. Measurement discontinued.

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, 1946-55. Feb. 10, 249.90; Dec. 6, 256.2.

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: 1943-55. June 14, 184.22; Sept. 15, 189.65; Dec. 7, 186.35.

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: 1946-55. Feb. 16, 200; Dec. 9, 195.40.

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: 1946-55. Feb. 14, 197.77; June 10, 202.88.

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 27.90 below lsd, Jan. 25, 1955. Records available: 1940-55. Jan. 25, 27.90. Measurement discontinued.

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: 1944-55. Feb. 7, 71.92; Sept. 20, 76.98; Dec. 21, 73.69.

Hays County

110(E-17). 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, 1948-55. Mar. 8, 55.07; July 15, 57.51; Nov. 9, 59.48.

529(H-23). 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 159.58 below lsd, July 13, 1955. Records available: 1937-55. Mar. 8, 142.26; July 13, 159.58; Nov. 9, 148.87.

534(E-36). 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: 1937-55. Mar. 8, 134.12; July 13, 132.12.

553(H-95). 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 122.94 below lsd, July 13, 1955. Records available: 1937-55. Mar. 8, 121.00; July 13, 122.94; Nov. 9, 121.06.

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 40.58 below lsd, Jan. 8, 1955. Records available: 1937-55. Jan. 8, 40.58.

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 40.47 below lsd, Jan. 8, 1955. Records available: 1947-50, 1952-55. Jan. 8, 40.47.

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 56.70 below lsd, Jan. 8, 1955. Records available: 1937-51, 1953-55. Jan. 8, 56.70.

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 118.05 below lsd, Jan. 7, 1955. Records available: 1944-55. Jan. 7, 118.05.

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 125.04 below lsd, Jan. 7, 1955. Records available: 1947-52, 1954-55. Jan. 7, 125.04. Measurement discontinued.

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 62.77 below lsd, Jan. 8, 1955. Records available: 1947-49, 1951-55. Jan. 8, 62.77.

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 86.70 below lsd, Mar. 15, 1947; lowest 117.62 below lsd, Jan. 8, 1955. Records available: 1947-55. Jan. 8, 117.62.

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, 1944-55. Jan. 8, 150.69.

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 98.33 below lsd, Jan. 9, 1955. Records available: 1944-45, 1947-55. Jan. 9, 98.33.

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 101.05 below lsd, Jan. 8, 1955. Records available: 1938, 1947-49, 1951-55. Jan. 8, 101.05.

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 102.60 below lsd, Jan. 7, 1955. Records available: 1944, 1946-55. Jan. 7, 102.60.

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 106.41 below lsd, Jan. 7, 1955. Records available: 1939, 1945, 1948-55. Jan. 7, 106.41.

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, 1946-55. Mar. 22, 43.44.

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 45.14 below lsd, Mar. 22, 1955. Records available: 1936, 1938-42, 1944-55. Mar. 22, 45.14.

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 54.84 below lsd, Mar. 22, 1955. Records available: 1934-36, 1938-55. Mar. 22, 54.84.

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, 1948-55. Mar. 22, 41. 37.

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, 1947-55. Mar. 22, 42. 54.

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 39.55 below lsd, Mar. 22, 1955. Records available: 1934-36, 1938-55. Mar. 22, 39. 55.

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 38.48 below lsd, Mar. 22, 1955. Records available: 1934-36, 1938-55. Mar. 22, 38. 48.

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 46.06 below lsd, Mar. 22, 1955. Records available: 1909, 1934-36, 1938, 1942-55. Mar. 22, 46. 06.

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. No measurement made in 1955.

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 44.77 below lsd, Mar. 22, 1955. Records available: 1934, 1942-47, 1949-55. Mar. 22, 44. 77.

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 39.19 below lsd, Mar. 23, 1955. Records available: 1934, 1942-47, 1949-55. Mar. 23, 39. 19.

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 43.55 below lsd, Mar. 22, 1955. Records available: 1934-36, 1938-55. Mar. 22, 43. 55.

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. No measurement made in 1955.

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 42.81 below lsd, Mar. 22, 1955. Records available: 1942-47, 1949-55. Mar. 22, 42. 81.

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: 1942-55. Mar. 23, 31. 10.

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, 1947-55. Feb. 8, 29. 05.

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, 1947-55. Feb. 8, 59. 19.

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, 1947-55. Feb. 8, 51. 90.

222. Manuel Cadena. Lat. $27^{\circ}34'$, long. $98^{\circ}11'$. 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, 1947-55. Feb. 8, 52.18.

242. King Ranch, Hormigas well. Lat. $27^{\circ}33'$, long. $98^{\circ}05'$. 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 122.67 below lsd, Aug. 22, 1955. Records available: 1933-34, 1943-55. Jan. 7, 119.37; Feb. 8, 120.47; Mar. 7, 120.93; Apr. 4, 120.77; May 5, 119.14; June 6, 122.19; Aug. 22, 122.67.

252. Cerapio Hinojosa. Lat. $27^{\circ}26'$, long. $98^{\circ}13'$. 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, 1953-55. Feb. 8, 57.71.

272a. Fidencio de los Santos. Lat. $27^{\circ}23'$, long. $98^{\circ}13'$. 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: 1947-55. Feb. 8, 111.77.

292. W. A. Cobb. Lat. $27^{\circ}21'$, long. $98^{\circ}07'$. Drilled unused artesian well in Goliad sand, diameter 10 inches, depth 524 feet. Highest water level 42.00 below lsd, Jan. 27, 1933; lowest 121.17 below lsd, Feb. 8, 1955. Records available: 1933, 1943, 1945, 1949-55. Feb. 8, 121.17.

392a. B. W. Voght. Lat. $27^{\circ}17'$, long. $98^{\circ}07'$. Drilled irrigation artesian well in Goliad sand, diameter 12 inches, depth 600 feet. Highest water level 76.53 below lsd, Feb. 17, 1947; lowest 108.70 below lsd, Feb. 8, 1955. Records available: 1947-55. Feb. 8, 108.70.

429. Clyde Wright. Lat. $27^{\circ}20'$, long. $98^{\circ}06'$. 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, 1945-55. Feb. 8, 92.43.

431. J. R. Friesen. Lat. $27^{\circ}20'$, long. $98^{\circ}06'$. 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 116.07 below lsd, Feb. 8, 1955. Records available: 1943, 1945, 1947-51, 1953-55. Feb. 8, 116.07.

Kinney County

XK-1. Ethel Whitaker. Lat. $29^{\circ}13'$, long. $100^{\circ}06'$. 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: 1937-55. Jan. 12, 71.85; Mar. 10, 73.01; May 11, 74.64; July 11, 75.26; Sept. 12, 76.71; Nov. 9, 78.41.

XK-5. Judge John Fritter. Lat. $29^{\circ}16'$, long. $100^{\circ}19'$. 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: 1937-55. Jan. 12, 30.37; Mar. 10, 32.73; May 11, 32.46; July 11, 24.64; Sept. 12, 23.50; Nov. 9, 22.14.

XK-9. C. J. Poehler. Lat. $29^{\circ}18'$, long. $100^{\circ}27'$. 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: 1937-55. Jan. 13, 35.70; Mar. 11, 37.08; May 11, 38.68; July 11, 37.60; Nov. 10, 35.74.

XK-11. J. F. Beidler. Lat. $29^{\circ}19'$, long. $100^{\circ}32'$. 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: 1937-55. Jan. 13, 26.85; Mar. 11, 26.90; May 11, 27.03. Measurement discontinued.

XK-12. J. F. Beidler. Lat. $29^{\circ}21'$, long. $100^{\circ}37'$. Drilled farm artesian well in Edwards limestone, diameter 8 inches, depth 618 feet. Highest water level 5.37 below lsd, June 24, 1947; lowest 42.22 below lsd, May 11, 1955. Records available: 1937-55. Jan. 13, 25.47; Mar. 11, 29.06; May 11, 42.22; July 11, 35.18; Sept. 12, 39.44; Nov. 10, 26.24.

XK-13. Howard Roberts. Lat. $29^{\circ}23'$, long. $100^{\circ}41'$. 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: 1937-55. Jan. 13, 58.98; Mar. 11, 58.19; May 11, 60.35; July 12, 59.64; Sept. 13, 62.69; Nov. 9, 59.66.

XK-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, 1940; lowest 54.01 below lsd, Aug. 10, 1953. Records available: 1937-55. Jan. 11, 49.93; Mar. 11, 50.50; May 11, 50.49; July 11, 49.78; Sept. 12, 49.60; Nov. 9, 49.07.

XK-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: 1937-55. Jan. 13, 65.04; Mar. 10, 66.92; May 11, 68.45; July 12, 67.14; Sept. 13, 66.48; Nov. 9, 64.01.

XK-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: 1938-55. Jan. 13, 131.23; Mar. 10, 136.31; May 11, 138.30; July 12, 129.23; Sept. 13, 133.15; Nov. 9, 116.01.

XK-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, 1950-55. Jan. 12, 176.07; Mar. 10, 176.04; May 11, 176.24; July 12, 174.64; Sept. 13, 176.34; Nov. 9, 175.22.

XK-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, 1949-55. Jan. 12, 83.28; Mar. 10, 83.44; May 11, 83.84; July 11, 83.99; Sept. 12, 83.79; Nov. 9, 83.77.

XK-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: 1938-55. Jan. 13, 39.56; Mar. 11, 44.52; May 11, 45.33; July 11, 42.65; Sept. 12, 39.96; Nov. 10, 37.19.

XK-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: 1939-55. Jan. 13, 41.62; Mar. 10, 42.09; May 11, 42.29; July 12, 40.10; Sept. 13, 40.20; Nov. 9, 39.43.

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 137.33 below lsd, Feb. 9, 1955. Records available: 1932, 1934-35, 1943, 1945-55. Feb. 9, 137.33.

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 126.73 below lsd, Aug. 22, 1955. Records available: 1932-35, 1938-41, 1943-55. Jan. 7, 120.56; Feb. 9, 121.25; Mar. 7, 120.86; Apr. 4, 120.07; May 5, 122.71; June 6, 123.00; Aug. 22, 126.73.

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 128.40 below lsd, Aug. 22, 1955. Records available: 1932-35, 1938-41, 1943-55. Jan. 7, 125.51; Feb. 9, 125.72; Mar. 7, 124.84; Apr. 4, 125.22; May 5, 124.58; June 6, 125.16; Aug. 22, 128.40.

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. No measurement made in 1955.

31. King Ranch, Liberty well. Lat. 27°29', long. 97°55'. Drilled stock artesian well in Goliad sand, diameter 7 inches, depth 508 feet. Highest water level 27.80 below lsd, Feb. 5, 1934; lowest 130.19 below lsd, Feb. 9, 1955. Records available: 1933-34, 1938-41, 1943-47, 1949-55. Feb. 9, 130.19.

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, 1949-55. Feb. 9, 141.74.

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 154.63 below lsd, Feb. 9, 1955. Records available: 1932, 1943-45, 1949-55. Feb. 9, 154.63.

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, 1947-55. Feb. 11, 167.05.

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 145.71 below lsd, Feb. 9, 1955. Records available: 1932, 1934-35, 1943, 1945-46, 1948-55. Feb. 9, 145.71.

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, 1943-55. Feb. 9, 110.85.

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 107.16 below lsd, Feb. 9, 1955. Records available: 1933-34, 1943-47, 1949-55. Feb. 9, 107.16.

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, 1933; lowest 68.05 below lsd, Feb. 6, 1952. Records available: 1933-34, 1943-44, 1946-47, 1949-54. No measurement made in 1955.

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, 1949-55. Feb. 9, 50.55.

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, 1945-55. Feb. 9, 22.16.

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 40.34 below lsd, Feb. 9, 1955. Records available: 1933-35, 1938, 1940-41, 1943, 1945, 1949-55. Feb. 9, 40.34.

386. King Ranch, Chiltipin 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 39.70 below lsd, Feb. 9, 1955. Records available: 1933-34, 1943-45, 1947-55. Feb. 9, 39.70.

436. King Ranch, La Noria Nina well. Lat. 27°32', long. 97°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 84.49 below lsd, Feb. 9, 1955. Records available: 1943-47, 1949-55. Feb. 9, 84.49.

437. King Ranch, Las Palmas well. Lat. 27°32', long. 97°40'. Drilled stock artesian well in Goliad sand, diameter 6 to 3 inches, depth 1,016 feet. Highest water level 15.15 below lsd, Mar. 6, 1944; lowest 50.82 below lsd, Feb. 9, 1955. Records available: 1943-45, 1947, 1949-51, 1953, 1955. Feb. 9, 50.82.

438. Kingsville city well 5. Lat. 27°31', long. 97°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, 1954-55. Feb. 11, 162.68.

Lamb County

1(A-4). H. H. Engleking. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, blk. W. Lat. 34°18', long. 102°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 83.16 below lsd, Jan. 4, 1955. Records available: 1936-47, 1949-55. Jan. 4, 83.16.

3a(A-34). J. P. Crawford. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, blk. W. Lat. 34°16', long. 102°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 50.60 below lsd, Jan. 4, 1955. Records available: 1934, 1936-55. Jan. 4, 50.60.

6(A-37). Albert Lavigne. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, blk. W. Lat. 34°16', long. 102°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. No measurement made in 1955.

7(H-91). Lillie Bickle. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 46, blk. W. Lat. 34°14', long. 102°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. No measurement made in 1955.

8(A-101). J. L. Withrow. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 51, blk. W. Lat. 34°14', long. 102°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 36.01 below lsd, Jan. 4, 1955. Records available: 1936-42, 1944-55. Jan. 4, 36.01.

13(A-88). John Fyie. NW cor. sec. 45, blk. W. Lat. 34°15', long. 102°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 48.26 below lsd, Jan. 4, 1955. Records available: 1934, 1936-55. Jan. 4, 48.26.

16(A-31). E. K. Warren. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, blk. W. Lat. 34°16', long. 102°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 59.1 below lsd, Jan. 4, 1955. Records available: 1936-55. Jan. 4, 59.1.

19(A-46). John Allen. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, blk. W. Lat. 34°15', long. 102°35'. Drilled irrigation water-table well in sand, depth 103 feet. Highest water level 11.44 below lsd, Nov. 30, 1942; lowest 46.3 below lsd, Jan. 4, 1955. Records available: 1913, 1936-45, 1947-55. Jan. 4, 46.3.

30(A-53). J. M. Young. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 38, blk. W. Lat. 34°15', long. 102°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 45.66 below lsd, Jan. 4, 1955. Records available: 1936-55. Jan. 4, 45.66.

38(B-75). Andrew Dutton. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 57, blk. 2. Lat. 34°15', long. 102°29'. Drilled irrigation water-table well in sand, diameter 15 to 10 inches, depth 149 feet, cased to 57-147, perforated. Highest water level 33.78 below lsd, Feb. 11, 1943; lowest 52.65 below lsd, Jan. 4, 1955. Records available: 1936-38, 1943-55. Jan. 4, 52.65.

46b(B-151). Gus Parish. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 78, blk. 2. Lat. 34°13', long. 102°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 49.45 below lsd, Jan. 4, 1955. Records available: 1946-55. Jan. 4, 49.45.

50b(B-160). 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 59.40 below lsd, Jan. 4, 1955. Records available: 1942-55. Jan. 4, 59.40.

54(B-27). 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 107.70 below lsd, Jan. 3, 1955. Records available: 1937-38, 1942-55. Jan. 3, 107.70.

57(C-72). 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 88.48 below lsd, Feb. 23, 1943; lowest 107.40 below lsd, Jan. 3, 1955. Records available: 1942-49, 1951-55. Jan. 3, 107.40.

57d(C-74). 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 111.22 below lsd, Jan. 3, 1955. Records available: 1942-49, 1951-55. Jan. 3, 111.22.

60(C-119). 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 89.77 below lsd, Jan. 3, 1955. Records available: 1937-50, 1952-55. Jan. 3, 89.77.

62t(D-58). 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 121.78 below lsd, Jan. 3, 1955. Records available: 1942-45, 1947-55. Jan. 3, 121.78.

62h(C-167). 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 109.12 below lsd, Jan. 3, 1955. Records available: 1942-55. Jan. 3, 109.12.

71(H-30). 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 80.84 below lsd, Jan. 4, 1955. Records available: 1937, 1942-45, 1947-55. Jan. 4, 80.84.

88(F-13). 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 42.15 below lsd, Jan. 4, 1955. Records available: 1937-42, 1944-55. Jan. 4, 42.15.

231(E-34). 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, 1946-55. Jan. 4, 96.20.

236(K-28). 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 84.46 below lsd, Jan. 5, 1955. Records available: 1937-38, 1940-48, 1951-55. Jan. 5, 84.46.

243(K-65). 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 82.47 below lsd, Jan. 5, 1955. Records available: 1937-48, 1950-55. Jan. 5, 82.47.

307(L-231). 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 60.23 below lsd, Jan. 5, 1955. Records available: 1937, 1947-55. Jan. 5, 60.23.

322(L-167). 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 63.38 below lsd, Jan. 5, 1955. Records available: 1937-55. Jan. 5, 63.38.

341a(L-197). 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 72.39 below lsd, Jan. 5, 1955. Records available: 1937-53, 1955. Jan. 5, 72.39.

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. No measurement made in 1955.

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, 1955. Oct. 12, 31.05.

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 34.02 below lsd, Oct. 12, 1955. Records available: 1945, 1948-55. Oct. 12, 34.02.

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 53.84 below lsd, Oct. 12, 1955. Records available: 1945, 1948-55. Oct. 12, 53.84.
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, 1948-55. Oct. 12, 57.71.
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, 1948-55. Oct. 12, 43.30.
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, 1948-55. Oct. 12, 78.20.
81. D. A. Reidland. Lat. 30°06', long. 94°58'. Drilled irrigation artesian well in sand, diameter 20 to 12 inches, depth 742 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 1955.
85. E. J. Stoesser well 1. Lat. 30°04', long. 95°00'. Drilled irrigation artesian well in sand, diameter 20 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, 1955. Oct. 10, 98.50.
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 107.98 below lsd, Oct. 10, 1955. Records available: 1945, 1948-53, 1955. Oct. 10, 107.98.
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. Measurement discontinued.
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. No measurement made in 1955.
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, 1948-55. Oct. 12, 98.22.
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. No measurement made in 1955.
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 59.70 below lsd, Oct. 12, 1955. Records available: 1938, 1948-55. Oct. 12, 59.70.
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. No measurement made in 1955.
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, 1948-55. Oct. 10, 48.48.
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. No measurement made in 1955.
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. No measurement made in 1955.

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. Measurement discontinued.

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. No measurement made in 1955.

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 31.05 below lsd, Oct. 12, 1955. Records available: 1945, 1948-55. Oct. 12, 31.05.

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 121.2 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 121.2.

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. No measurement made in 1955.

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 107.5 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 107.5.

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. No measurement made in 1955.

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 16 inches, depth 200 feet. Highest water level 58.68 below lsd, Mar. 7, 1947; lowest 93.61 below lsd, Jan. 17, 1955. Records available: 1947-55. Jan. 17, 93.61.

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 97.60 below lsd, Jan. 8, 1955. Records available: 1938-40, 1943-52, 1954-55. Jan. 8, 97.60.

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 56.39 below lsd, Jan. 17, 1955. Records available: 1936-50, 1952-55. Jan. 17, 56.39.

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 41.80 below lsd, Jan. 6, 1955. Records available: 1937-38, 1940, 1942-55. Jan. 6, 41.80.

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 98.7 below lsd, Jan. 6, 1955. Records available: 1937-41, 1943, 1945, 1949-55. Jan. 6, 98.7.

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 83.80 below lsd, Jan. 17, 1955. Records available: 1947-52, 1954-55. Jan. 17, 83.80.

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 118.9 below lsd, Jan. 6, 1955. Records available: 1936-39, 1941-55. Jan. 6, 118.9.

- 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 106.5 below lsd, Jan. 6, 1955. Records available: 1947-52, 1954-55. Jan. 6, 106.5.
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 112.5 below lsd, Jan. 6, 1955. Records available: 1937-45, 1947-52, 1954-55. Jan. 6, 112.5.
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. No measurement made in 1955.
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 85.35 below lsd, Jan. 17, 1955. Records available: 1947-55. Jan. 17, 85.35.
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 66.70 below lsd, Jan. 6, 1955. Records available: 1937-43, 1945-55. Jan. 6, 66.70.
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 49.25 below lsd, Jan. 17, 1955. Records available: 1937-55. Jan. 17, 49.25.
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 66.60 below lsd, Jan. 6, 1955. Records available: 1949-55. Jan. 6, 66.60.
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 74.39 below lsd, Jan. 17, 1955. Records available: 1936-55. Jan. 17, 74.39.
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 94.90 below lsd, Jan. 14, 1955. Records available: 1937-42, 1944-55. Jan. 14, 94.90.
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 72.80 below lsd, Jan. 14, 1955. Records available: 1937, 1944-53, 1955. Jan. 14, 72.80.
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 67.3 below lsd, Jan. 7, 1955. Records available: 1937-50, 1952-55. Jan. 7, 67.3.
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 78.00 below lsd, Jan. 7, 1955. Records available: 1937-50, 1952-55. Jan. 7, 78.00.
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 50.02 below lsd, Jan. 14, 1955. Records available: 1937-55. Jan. 14, 50.02.
- 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 76.85 below lsd, Jan. 14, 1955. Records available: 1947-55. Jan. 14, 76.85.

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 58.00 below lsd, Jan. 17, 1955. Records available: 1937-55. Jan. 17, 58.00.
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 98.90 below lsd, Jan. 6, 1955. Records available: 1947-51, 1953-55. Jan. 6, 98.90.
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 15 inches, depth 162 feet, cased to 15. Highest water level 59.50 below lsd, Feb. 21, 1945; lowest 91.75 below lsd, Jan. 17, 1955. Records available: 1937-55. Jan. 17, 91.75.
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 103.0 below lsd, Jan. 5, 1955. Records available: 1937-52, 1953-55. Jan. 5, 103.0.
- 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 114.50 below lsd, Jan. 15, 1955. Records available: 1947-55. Jan. 15, 114.50.
- 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 106.20 below lsd, Jan. 15, 1955. Records available: 1947-55. Jan. 15, 106.20.
- 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 94.80 below lsd, Jan. 15, 1955. Records available: 1947-53, 1955. Jan. 15, 94.80.
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, 1942-55. Jan. 5, 106.70.
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 43.44 below lsd, Jan. 6, 1955. Records available: 1937-47, 1949-55. Jan. 6, 43.44.
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, 1953-55. Jan. 6, 64.90.
- 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 121.80 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 121.80.
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 116.23 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 116.23.
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 102.30 below lsd, Jan. 7, 1955. Records available: 1944, 1947-55. Jan. 7, 102.30.
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 113.20 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 113.20.
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 115.12 below lsd, Jan. 14, 1955. Records available: 1941, 1944-55. Jan. 14, 115.12.

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 110.40 below lsd, Jan. 7, 1955. Records available: 1941, 1947-55. Jan. 7, 110.40.

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. No measurement made in 1955.

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 121.00 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 121.00.

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 79.70 below lsd, Jan. 14, 1955. Records available: 1947-55. Jan. 14, 79.70.

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 95.30 below lsd, Jan. 8, 1955. Records available: 1947-52, 1954-55. Jan. 8, 95.30.

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 64.70 below lsd, Jan. 14, 1955. Records available: 1944, 1947-55. Jan. 14, 64.70.

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 58.40 below lsd, Jan. 14, 1955. Records available: 1947-55. Jan. 14, 58.40.

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 78.60 below lsd, Jan. 8, 1955. Records available: 1947-55. Jan. 8, 78.60.

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 81.40 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 81.40.

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. No measurement made in 1955.

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 97.20 below lsd, Jan. 8, 1955. Records available: 1947-53, 1955. Jan. 8, 97.20.

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 90.00 below lsd, Jan. 8, 1955. Records available: 1947-53, 1955. Jan. 8, 90.00.

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 65.90 below lsd, Jan. 8, 1955. Records available: 1947-55. Jan. 8, 65.90.

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: 1947-55. Jan. 6, 98.20.

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. No measurement made in 1955.

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 113.15 below lsd, Jan. 17, 1955. Records available: 1947-55. Jan. 17, 113.15.

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 114.3 below lsd, Jan. 6, 1955. Records available: 1947-51, 1953-55. Jan. 6, 114.3.

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 106.70 below lsd, Jan. 6, 1955. Records available: 1947-55. Jan. 6, 106.70.

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. No measurement made in 1955.

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 103.25 below lsd, Jan. 5, 1955. Records available: 1942-43, 1945, 1947-55. Jan. 5, 103.25.

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 96.30 below lsd, Jan. 15, 1955. Records available: 1947-55. Jan. 15, 96.30.

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 53.83 below lsd, Jan. 15, 1955. Records available: 1947-55. Jan. 15, 53.83.

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 100.13 below lsd, Jan. 15, 1955. Records available: 1947-50, 1952, 1954-55. Jan. 15, 100.13.

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. No measurement made in 1955.

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. No measurement made in 1955.

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 1955.

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 1955.

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 1955.

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 1955.

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 31.36 below lsd, Mar. 23, 1955. Records available: 1938-46, 1948-55. Mar. 23, 31.36.

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 26.52 below lsd, Mar. 23, 1955. Records available: 1934, 1938-46, 1948-55. Mar. 23, 26.52.

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: 1946-55. Sept. 22, 46.82.

Medina County

I-2-7(I-2-16). 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 270.48 below lsd, Nov. 7, 1955. Records available: 1930, 1934, 1937-45, 1947-55. Jan. 11, 265.97; Mar. 7, 263.94; May 9, 265.72; July 15, 266.68; Sept. 16, 268.41; Nov. 7, 270.48.

I-3-3(I-3-75). 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 260.14 below lsd, Nov. 7, 1955. Records available: 1930, 1934, 1937-55. Jan. 11, 249.22; Mar. 7, 250.87; May 5, 253.04; July 15, 257.50; Sept. 16, 258.48; Nov. 7, 260.14.

I-3-4(I-3-43). 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 260.14 below lsd, Nov. 7, 1955. Records available: 1930, 1934, 1937-55. Jan. 11, 249.22; Mar. 7, 250.87; May 5, 253.04; July 15, 257.50; Sept. 16, 258.48; Nov. 7, 260.14.

I-4-18(I-4-1). 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 292.12 below lsd, Nov. 11, 1955. Records available: 1930, 1934, 1937-55. Jan. 12, 282.11; Mar. 9, 282.67; May 13, 286.86; July 13, 290.95; Sept. 14, 291.28; Nov. 11, 292.12.

I-4-29(I-4-12). 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 292.12 below lsd, Nov. 11, 1955. Records available: 1930, 1934, 1937-38, 1940-55. Jan. 12, 282.11; Mar. 9, 282.67; May 13, 286.86; July 13, 290.95; Sept. 14, 291.28; Nov. 11, 292.12.

I-4-30(I-5-55). Ray McGlauplin. 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 113.83 below lsd, Nov. 11, 1955. Records available: 1930, 1934, 1937-38, 1940-55. Jan. 14, 103.68; Mar. 8, 104.66; May 13, 108.80; July 13, 111.49; Sept. 14, 113.71; Nov. 11, 113.83.

XM-3(J-1-68). 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 72.68 below lsd, Mar. 8, 1955. Records available: 1937-45, 1947-55. Jan. 14, 68.34; Mar. 8, 72.68; May 13, 69.61; July 14, 82.85, pumping; Sept. 15, 86.25, pumping; Nov. 14, 70.45.

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 below lsd, May 29, 1944; lowest 23.82 below lsd, Feb. 4, 1955. Records available: 1931, 1939-55. Feb. 4, 23.82. Measurement discontinued.

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, Nov. 22-23, Dec. 3, 1955. Records available: 1931-36, 1938-55. Measurement discontinued.

29--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	26.25	25.65	.....	24.58	24.83	25.06	25.32	25.58	25.85	26.01	26.25	26.23
2	26.25	25.66	.....	24.57	24.83	25.06	25.32	25.59	25.86	26.02	26.25	26.26
3	26.25	25.69	.....	24.56	24.85	25.09	25.34	25.60	25.87	26.02	26.27	26.32
4	26.21	25.68	.....	24.56	24.87	25.07	25.33	25.61	25.87	26.03	26.27	.....
5	26.18	.....	.....	24.61	24.87	25.06	25.33	25.62	25.88	26.03	26.28	.....
6	26.18	.....	.....	24.63	24.85	25.06	25.35	25.63	25.88	26.03	26.28	.....
7	26.18	25.40	.....	24.68	24.85	25.07	25.37	25.64	25.88	26.01	26.28	.....
8	26.14	25.34	.....	24.70	24.87	25.10	25.37	25.64	25.88	26.05	26.28	.....
9	26.10	25.24	.....	24.69	24.90	.....	25.39	25.64	25.89	26.06	26.29	.....
10	26.10	25.23	.....	24.67	24.92	.....	25.40	25.65	25.89	26.07	26.29	.....
11	26.11	25.36	.....	24.64	24.92	.....	25.41	25.66	25.90	26.08	26.29	.....
12	26.10	25.24	.....	24.60	24.92	.....	25.41	25.64	25.90	26.08	26.29	.....
13	26.09	25.15	.....	24.65	24.92	.....	25.42	25.64	25.91	26.08	26.29	.....
14	26.03	25.09	.....	24.73	24.93	.....	25.43	25.67	25.92	26.10	26.30	.....
15	25.98	25.03	.....	24.75	24.94	.....	25.45	25.70	25.92	26.11	26.30	.....
16	25.98	25.03	.....	24.73	24.94	25.20	25.45	25.71	25.92	26.11	26.31	.....
17	25.96	25.04	.....	24.73	24.94	25.20	25.46	25.72	25.93	26.11	26.31	.....
18	25.88	25.03	.....	24.74	24.94	25.21	25.46	25.72	25.93	26.13	26.31	.....
19	25.95	.....	.....	24.73	24.92	25.23	25.47	25.76	25.94	26.13	26.31	.....
20	25.91	.....	.....	24.72	24.92	25.23	25.49	25.76	25.94	26.14	26.31	.....
21	25.88	.....	.....	24.73	24.97	25.23	25.50	25.78	25.90	26.16	26.31	.....
22	25.88	.....	.....	24.70	24.98	25.24	25.50	25.79	25.92	26.16	26.32	.....
23	25.87	.....	.....	24.65	25.02	25.25	25.51	25.80	25.94	26.16	26.32	.....
24	25.84	.....	.....	24.68	25.01	25.26	25.51	25.80	25.95	26.17	.....	.....
25	25.83	.....	.....	24.76	25.00	25.26	25.52	25.80	25.96	26.18	.....	.....
26	25.78	.....	.....	24.77	24.99	25.27	25.53	25.81	25.97	26.21	.....	.....
27	25.77	.....	.....	24.75	25.01	25.28	25.56	25.82	25.98	26.21	.....	.....
28	25.76	.....	.....	24.75	25.04	25.30	25.57	25.69	25.99	26.21	.....	.....
29	25.73	.....	24.61	24.83	25.07	25.31	25.57	25.74	25.99	26.22	.....	.....
30	25.71	.....	24.60	24.86	25.06	25.31	25.57	25.81	26.00	26.23	.....	.....
31	25.66	.....	24.56	.....	25.06	.....	25.57	25.83	.....	26.24	.....	.....

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, 1938-55. Feb. 4, 29.93; July 16, 30.38; Sept. 20, 30.50; Dec. 21, 30.29.

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 45.74 below lsd, June 16, 1955. Records available: 1940-55. Feb. 7, 45.34; June 16, 45.74. Measurement discontinued.

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: 1940-55. Feb. 7, 9.69; June 16, 11.33; Sept. 20, 12.61; Dec. 21, 13.18.

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, 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 24, 1954	120.0	Nov. 24, 1954	120.8	Feb. 21, 1955	124.2	May 17, 1955	125.8
Sept. 22	120.4	Dec. 21	123.9	Mar. 23	123.8	June 21	123.6
Oct. 26	120.6	Jan. 25, 1955	126.2	Apr. 20	123.9		

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, 1955. Feb. 28, 165.0; June 30, 217.5; July 13, 219.3. Nearby well being pumped.

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, 1955. May 20, 230, pumping; July 13, 265, pumping.

127. J. T. Hall. Lat. $31^{\circ}39'$, long. $94^{\circ}39'$. 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, 1948-55. July 13, 218.9.

178. Shell Pipe Line Co. Lat. $31^{\circ}26'$, long. $94^{\circ}53'$. Drilled industrial artesian well in Carrizo sand, diameter 5 inches, depth 500 feet. Highest water level 81.31 below lsd, Apr. 7, 1940; lowest 151.45 below lsd, July 12, 1955. Records available: 1940-45, 1948-55. July 12, 151.45.

271. L. C. Jacobs. Lat. $31^{\circ}29'$, long. $94^{\circ}31'$. Drilled stock artesian well in Carrizo sand, diameter 6 inches, depth 400 feet. Highest water level 48.0 above lsd, July 13, 1940; lowest 66.35 below lsd, July 1, 1955. Records available: 1940-44, 1948-55. July 1, 66.35.

322. Southland Paper Mills, Inc. well C7-0. Lat. $31^{\circ}27'$, long. $94^{\circ}40'$. 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 206.97 below lsd, July 1, 1955. Records available: 1941-55. Sept. 24, 1954, 205.64; Feb. 23, 1955, 206.32; July 1, 206.97.

325. Southland Paper Mills, Inc. well C9-0. Lat. $31^{\circ}27'$, long. $94^{\circ}34'$. 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 225.50 below lsd, July 1, 1955. Records available: 1941-55. Sept. 24, 1954, 223.08; Feb. 23, 1955, 224.03; July 1, 225.50.

331. Southland Paper Mills, Inc. well W4-0. Lat. $31^{\circ}29'$, long. $94^{\circ}42'$. 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 172.58 below lsd, July 1, 1955. Records available: 1941-55. Sept. 24, 1954, 171.10; Feb. 23, 1955, 171.62; July 1, 172.58.

Parmer County

4. H. McMillan. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 13, T. 16 S. Lat. $34^{\circ}20'$, long. $102^{\circ}57'$. 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, 1955. Jan. 6, 117.20.

6. Mrs. K. Hamlin. $SE\frac{1}{4}NE\frac{1}{4}$ sec. 4, T. 16 S. Lat. $34^{\circ}22'$, long. $102^{\circ}59'$. 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, 1948-55. Jan. 6, 156.80.

9. J. T. Coburn. $NE\frac{1}{4}SW\frac{1}{4}$ sec. 11, T. 9 S. Lat. $34^{\circ}26'$, long. $102^{\circ}58'$. Drilled farm water-table well in sand, diameter 5 inches, depth 220 feet. Highest water level 209.55 below lsd, Mar. 17, 1949; lowest 217.32 below lsd, Jan. 6, 1955. Records available: 1937-39, 1948-55. Jan. 6, 217.32. Measurement discontinued.

10. J. M. Gunn. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 28, T. 7 S. Lat. $34^{\circ}29'$, long. $102^{\circ}54'$. Drilled farm water-table well in sand, diameter 4 inches, depth 192 feet. Highest water level 166.40 below lsd, Feb. 1, 1952; lowest 172.50 below lsd, Jan. 6, 1955. Records available: 1937-38, 1948-55. Jan. 6, 172.50.

11a. T. J. Hawks. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 8, Davis survey. Lat. $34^{\circ}42'$, long. $102^{\circ}34'$. Drilled farm water-table well in sand, diameter 14 inches, depth 160 feet. Highest water level 117.24 below lsd, Mar. 30, 1939; lowest 129.40 below lsd, Jan. 6, 1955. Records available: 1938-39, 1948-50, 1953-55. Jan. 6, 129.40.

12. Capitol Syndicate. NE. part of sec. 11, T. 7 S. Lat. $34^{\circ}32'$, long. $102^{\circ}51'$. 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, 1948-55. Jan. 6, 167.30.

20. J. W. Cobb. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 7, Harrah survey. Lat. $34^{\circ}39'$, long. $102^{\circ}33'$. Drilled irrigation water-table well in sand, diameter 12 inches, depth 185 feet. Highest water level 107.51 below lsd, Mar. 27, 1947; lowest 122.35 below lsd, Jan. 6, 1955. Records available: 1947-55. Jan. 6, 122.35.

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 104.55 below lsd, Jan. 6, 1955. Records available: 1937, 1948-50, 1952-55. Jan. 6, 104.55.

Randall County

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, 1946-55. Jan. 5, 50.96. Measurement discontinued.

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. Measurement discontinued.

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. Measurement discontinued.

A2a. City of Amarillo. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 134, blk. 9. Lat. 35°06', long. 102°00'. Drilled water-table well in sand, diameter 13 to 10 inches, depth 200 feet, 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. No measurement made in 1955.

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 12.76 below lsd, Nov. 15, 1949; lowest 17.59 below lsd, Aug. 6, 1940. Records available: 1938-42, 1945, 1947, 1949-51, 1953-55. Dec. 5, 15.99.

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 14.10 below lsd, Nov. 15, 1949; lowest 21.23 below lsd, Dec. 12, 1939. Records available: 1938-42, 1945, 1947, 1949-51, 1953-55. Dec. 5, 16.18.

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 8.92 below lsd, Dec. 27, 1945; lowest 16.15 below lsd, Dec. 15, 1954. Records available: 1938, 1940-42, 1945, 1947, 1949-51, 1953-55. Dec. 5, 13.84.

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, 1953-55. Dec. 5, 15.60.

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, 1943; lowest 102.37 below lsd, Jan. 6, 1955. Records available: 1937, 1943, 1947-55. Jan. 6, 102.37.

2. I. Irilbeck. NW $\frac{1}{4}$ SW $\frac{1}{4}$ 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 78.07 below lsd, Jan. 6, 1955. Records available: 1937-55. Jan. 6, 78.07.

36. W. C. Cowan. SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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 71.30 below lsd, Jan. 7, 1955. Records available: 1934, 1937, 1940-49, 1951-52, 1954-55. Jan. 7, 71.30.

37. H. H. Terrell. NE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 87.20 below lsd, Jan. 7, 1955. Records available: 1937-44, 1946-55. Jan. 7, 87.20.

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. No measurement made in 1955.
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 92.68 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 92.68.
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 86.60 below lsd, Jan. 6, 1955. Records available: 1947-55. Jan. 6, 86.60.
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 92.10 below lsd, Jan. 6, 1955. Records available: 1934, 1937, 1943, 1945-55. Jan. 6, 92.10.
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 71.24 below lsd, Jan. 6, 1955. Records available: 1937, 1943, 1945-55. Jan. 6, 71.24.
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 75.75 below lsd, Jan. 6, 1955. Records available: 1937, 1943, 1945-55. Jan. 6, 75.75.
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 73.00 below lsd, Jan. 6, 1955. Records available: 1943, 1947-55. Jan. 6, 73.00.
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 73.43 below lsd, Jan. 6, 1955. Records available: 1937, 1943, 1947-49, 1951-55. Jan. 6, 73.43.
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 69.55 below lsd, Jan. 6, 1955. Records available: 1937, 1943, 1945-55. Jan. 6, 69.55.
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 58.90 below lsd, Jan. 6, 1955. Records available: 1943, 1945-55. Jan. 6, 58.90.
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 105.90 below lsd, Jan. 6, 1955. Records available: 1943, 1945-55. Jan. 6, 105.90.
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 68.30 below lsd, Jan. 6, 1955. Records available: 1937, 1943, 1945-55. Jan. 6, 68.30.
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 89.03 below lsd, Jan. 5, 1955. Records available: 1937, 1943-55. Jan. 5, 89.03.
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 93.65 below lsd, Jan. 5, 1955. Records available: 1937, 1943, 1947-55. Jan. 5, 93.65.
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 86.92 below lsd, Jan. 5, 1955. Records available: 1937, 1943, 1948-55. Jan. 5, 86.92.

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 72.72 below lsd, Jan. 5, 1955. Records available: 1937-38, 1940-55. Jan. 5, 72.72.

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. No measurement made in 1955.

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. No measurement made in 1955.

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 54.70 below lsd, Jan. 7, 1955. Records available: 1937-43, 1945-55. Jan. 7, 54.70.

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 72.88 below lsd, Jan. 4, 1955. Records available: 1947-55. Jan. 4, 72.88.

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 87.35 below lsd, Jan. 5, 1955. Records available: 1937-55. Jan. 5, 87.35.

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 93.56 below lsd, Jan. 4, 1955. Records available: 1937-55. Jan. 4, 93.56.

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 98.50 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 98.50.

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 113.35 below lsd, Jan. 7, 1955. Records available: 1937-55. Jan. 7, 113.35.

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 114.67 below lsd, Jan. 4, 1955. Records available: 1936-55. Jan. 4, 114.67.

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 113.56 below lsd, Jan. 4, 1955. Records available: 1914, 1936-49, 1951-55. Jan. 4, 113.56.

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 106.20 below lsd, Jan. 4, 1955. Records available: 1914, 1934, 1936-55. Jan. 4, 106.20.

404. Lewis Redmond. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, blk. M11. Lat. 34°30', long. 101°54'. Drilled irrigation water-table well in sand, diameter 14 inches, depth 242 feet, cased to 130. Highest water level 102.65 below lsd, May 31, 1943; lowest 122.50 below lsd, Jan. 7, 1955. Records available: 1937, 1943, 1949-51, 1953, 1955. Jan. 7, 122.50.

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, April 1937; lowest 137.52 below lsd, Jan. 7, 1955. Records available: 1937, 1944-55. Jan. 7, 137.52.

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 133.90 below lsd, Jan. 7, 1955. Records available: 1937, 1948-55. Jan. 7, 133.90.

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 129.18 below lsd, Jan. 7, 1955. Records available: 1937, 1948-55. Jan. 7, 129.18.

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. No measurement made in 1955.

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 84.35 below lsd, Jan. 11, 1955. Records available: 1938-39, 1941-50, 1952-53, 1955. Jan. 11, 84.35.

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 122.55 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 122.55.

438. Frederick Rousser. 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. No measurement made in 1955.

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 113.55 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 113.55.

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. No measurement made in 1955.

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 108.97 below lsd, Jan. 7, 1955. Records available: 1947-50, 1952-55. Jan. 7, 108.97.

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 98.80 below lsd, Jan. 6, 1955. Records available: 1945, 1947-55. Jan. 6, 98.80.

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 49.75 below lsd, Jan. 6, 1955. Records available: 1943, 1947-55. Jan. 6, 49.75.

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. No measurement made in 1955.

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 77.01 below lsd, Jan. 5, 1955. Records available: 1947-55. Jan. 5, 77.01.

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, 1947; lowest 106.60 below lsd, Jan. 5, 1955. Records available: 1947-55. Jan. 5, 106.60.

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 76.75 below lsd, Jan. 5, 1955. Records available: 1947-55. Jan. 5, 76.75.

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 78.38 below lsd, Jan. 7, 1955. Records available: 1947-52, 1954-55. Jan. 7, 78.38.

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 94.60 below lsd, Jan. 4, 1955. Records available: 1947-55. Jan. 4, 94.60.

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 110.46 below lsd, Jan. 7, 1955. Records available: 1945, 1947-55. Jan. 7, 110.46.

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 88.35 below lsd, Jan. 4, 1955. Records available: 1947-55. Jan. 4, 88.35.

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 96.58 below lsd, Jan. 5, 1955. Records available: 1947-55. Jan. 5, 96.58.

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 73.57 below lsd, Jan. 4, 1955. Records available: 1947-55. Jan. 4, 73.57.

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 130.90 below lsd, Jan. 7, 1955. Records available: 1947-49, 1951-55. Jan. 7, 130.90.

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 107.75 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 107.75.

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 119.92 below lsd, Jan. 7, 1955. Records available: 1947-55. Jan. 7, 119.92.

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 98.79 below lsd, Jan. 7, 1955. Records available: 1947-49, 1951-55. Jan. 7, 98.79.

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, 1953-55. Jan. 12, 97.40.

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, 1952-55. Jan. 12, 74.75.

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, 1949-55. Jan. 12, 82.45.

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, 1952-55. Jan. 12, 78.54.

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, 1949-55. Jan. 12, 62.07.

Travis County

261(D-41). 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, 1948-55. Mar. 14, 229.05; July 17, 229.72; Nov. 10, 229.66.

266(D-30). 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, 1948-55. Mar. 14, 247.45; July 19, 247.48; Nov. 10, 248.20.

280(D-64). Travis County. Lat. 30°24', long. 97°42'. Dug domestic water-table well in Austin chalk, diameter 28 inches, depth 20 feet. Highest water level 7.72 below lsd, Apr. 11, 1944; lowest 21.40 below lsd, Jan. 8, 1952. Records available: 1939-46, 1948-55. Mar. 11, 17.54; July 19, 15.98. Measurement discontinued.

322(D-148). 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, 1948-55. Mar. 14, 183.82; July 19, 182.12; Nov. 10, 184.40.

323(D-149). 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 174.4 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, 1948-55. Mar. 11, 93.74; July 19, 95.70; Nov. 10, 93.58.

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 707.05 feet above msl. Highest water level 191.89 below lsd, Dec. 15, 1953; lowest 216.78 below lsd, Mar. 9, 1954. Records available: 1949-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	214.60	214.73	216.35	214.46	214.42	214.20	213.92	214.04	214.45	213.82	214.31	214.33
2	214.62	214.85	215.93	214.29	214.38	214.21	213.98	214.05	214.50	213.83	214.34	214.26
3	214.73	215.06	215.47	214.17	214.39	214.20	214.01	214.17	214.52	213.88	214.49	214.25
4	214.73	215.32	215.22	214.14	214.41	214.03	214.09	214.28	214.56	213.87	214.55	214.28
5	214.68	215.05	215.02	214.10	214.44	214.09	214.07	214.38	214.55	213.80	214.60	214.37
6	214.60	214.80	214.90	214.10	214.50	214.17	214.06	214.34	214.47	213.80	214.62	214.40
7	214.55	214.80	214.79	214.16	214.56	214.27	214.10	214.34	214.45	213.88	214.65	214.43
8	214.48	214.85	214.72	214.24	214.56	214.23	214.20	214.34	214.45	213.98	214.69	214.52
9	214.50	214.98	214.63	214.26	214.60	213.74	214.31	214.35	214.42	214.08	214.62	214.56
10	214.54	215.18	214.60	214.20	214.56	213.56	214.32	214.37	214.38	214.15	214.58	214.52
11	214.53	215.62	214.53	214.12	214.48	213.54	214.32	214.42	214.32	214.25	214.58	214.53
12	214.54	215.87	214.47	214.12	214.45	213.55	214.31	214.42	214.27	214.32	214.45	214.45
13	214.62	216.09	214.47	214.17	214.48	213.64	214.30	214.37	214.25	214.39	214.52	214.39
14	214.53	216.33	214.47	214.27	214.48	213.82	214.30	214.37	214.25	214.41	214.46	214.39
15	214.52	216.50	214.47	214.34	214.53	213.84	214.30	214.37	214.25	214.42	214.45	214.40
16	214.52	216.66	214.47	214.35	214.56	213.80	214.31	214.39	214.25	214.44	214.45	214.36
17	214.55	216.86	214.47	214.36	214.59	213.77	214.36	214.39	214.26	214.52	214.57	214.36
18	214.52	216.96	214.44	214.37	214.34	213.70	214.40	214.40	214.35	214.58	214.57	214.39
19	214.45	217.14	214.42	214.32	214.00	213.68	214.37	214.39	214.43	214.59	214.60	214.50
20	214.38	217.33	214.42	214.40	213.86	213.68	214.36	214.28	214.49	214.59	214.63	214.45
21	214.41	217.37	214.44	214.36	213.85	213.74	214.07	214.28	214.50	214.60	214.49	214.43
22	214.42	217.38	214.59	214.32	213.86	213.76	213.93	214.25	214.49	214.63	214.45	214.32
23	214.53	217.38	214.62	214.28	213.98	213.80	213.80	214.19	214.45	214.65	214.47	214.25
24	214.58	217.38	214.62	214.30	214.08	213.82	213.70	214.13	214.42	214.63	214.49	214.25
25	214.69	217.24	214.61	214.29	214.17	213.87	213.63	214.13	214.39	214.54	214.51	214.27
26	214.68	216.92	214.67	214.29	214.16	213.87	213.65	214.16	214.25	214.49	214.54	214.33
27	214.68	216.75	214.62	214.30	214.30	213.76	213.72	214.20	214.15	214.35	214.52	214.36
28	214.67	216.55	214.59	214.32	214.35	213.68	213.77	214.20	214.00	214.34	214.60	214.40
29	214.65		214.53	214.40	214.32	213.68	213.82	214.20	213.85	214.35	214.63	214.46
30	214.67		214.53	214.47	214.22	213.76	213.95	214.27	213.82	214.27	214.57	214.56
31	214.70		214.45		214.20		214.00	214.35		214.30		214.50

392(D-78). 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, 1948-55. Mar. 11, 19.44; July 19, 19.73; Nov. 10, 20.01.

414(D-15). 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, 1948-55. Mar. 11, 43.54; July 19, 44.38; Nov. 10, 44.20.

460(H-59). 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, 1941-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	86.39	Apr. 28	87.55	July 26	86.90	Oct. 27	87.08
Feb. 23	87.00	May 25	87.56	Aug. 26	86.86	Nov. 23	87.23
Mar. 25	87.29	June 27	86.79	Sept. 27	87.15	Dec. 21	87.65

502(H-136). 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: 1937-55. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	20.11	Apr. 28	17.98	June 26	15.44	Aug. 26	16.86
Feb. 23	12.95	May 25	16.52	July 26	16.23	Oct. 27	18.13
Mar. 25	17.27						

618(L-85). 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 28.96 below lsd, Nov. 23, 1955. Records available: 1938-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	27.84	Apr. 28	26.98	July 26	25.49	Oct. 28	28.51
Feb. 23	24.07	May 25	25.19	Aug. 26	26.92	Nov. 23	28.96
Mar. 25	25.38	June 27	24.03	Sept. 27	27.97	Dec. 21	28.66

619(L-102). 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: 1943-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	170.56	Apr. 28	171.07	July 26	171.29	Oct. 27	173.28
Feb. 23	170.95	May 25	171.48	Aug. 26	171.62	Nov. 23	174.25
Mar. 25	170.62	June 27	171.51	Sept. 27	172.55	Dec. 20	174.93

687(H-105). 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, 1948-55. Mar. 11, 222.81; July 20, 220.60; Nov. 9, 221.53.

890(L-57). 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 21.31 below lsd, Nov. 23, 1955. Records available: 1937-38, 1941-46, 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	19.96	Apr. 28	20.55	July 26	20.34	Oct. 27	20.64
Feb. 23	18.87	May 25	19.23	Aug. 26	20.87	Nov. 23	21.31
Mar. 25	20.30	June 27	18.89	Sept. 27	20.38	Dec. 21	21.20

Uvalde County

H-2-4. H. I. Holmes. Lat. 29°23', long. 99°12'. 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 212.49 below lsd, Sept. 14, 1955. Records available: 1929-55. Jan. 14, 205.83; Mar. 4, 208.86; May 10, 210.98; July 13, 211.57; Sept. 14, 212.49; Nov. 10, 212.48.

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: 1929-55. Mar. 9, 87.51; May 10, 87.74; July 13, 85.79; Sept. 14, 85.88; Nov. 10, 85.61.

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, 1944-55. Jan. 14, 104.35; Mar. 9, 106.96; May 12, 111.26; July 12, 112.18; Sept. 14, 113.96; Nov. 10, 99.24.

H-4-34. John Rosenow. Lat. 29°15', long. 99°58'. Drilled stock artesian well in Edwards limestone, diameter 6 inches, depth 100 feet. Highest water level 156.01 below lsd, Nov. 2, 1949; lowest 209.32 below lsd, Aug. 12, 1953. Records available: 1929-55. Jan. 14, 201.48, pumping; Mar. 10, 190.82; May 12, 194.50; July 12, 207.53; Nov. 10, 192.16.

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, 1947-55. Jan. 14, 87.39; Mar. 10, 90.00; July 12, 90.35; Sept. 13, 91.3.

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, 1934-55.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	71.95	72.51	73.46	75.32	78.96	77.70	80.23	79.76	81.16	80.37	73.33	70.85
2	72.03	72.59	73.59	75.43	78.91	77.98	80.38	80.00	81.10	79.77	73.27	70.71
3	72.02	72.60	73.74	75.69	79.05	78.18	80.03	80.04	81.19	79.28	73.25	70.64
4	72.09	72.58	73.88	75.75	79.26	78.32	79.88	80.14	81.27	78.92	73.18	70.60
5	72.07	72.47	74.06	76.03	79.34	78.00	79.74	80.36	81.26	78.62	73.10	70.55
6	72.21	72.37	74.18	76.28	79.39	77.87	79.90	80.67	81.40	78.42	73.06	70.57
7	72.21	72.34	74.04	76.50	79.50	77.77	80.07	80.76	81.46	78.19	72.90	70.56
8	72.07	72.33	74.15	76.56	79.70	77.85	80.27	80.37	81.46	78.01	72.58	70.66
9	71.98	72.26	74.28	76.64	79.62	78.04	80.37	80.25	81.81	77.76	72.27	70.69
10	71.93	72.26	74.47	76.55	79.37	77.86	80.20	80.23	81.83	77.32	71.99	70.72
11	71.89	72.48	74.64	76.47	79.00	77.74	80.10	80.70	81.92	77.04	71.89	70.83
12	71.85	72.45	74.77	76.45	78.79	77.72	80.47	80.53	81.76	76.80	71.87	70.76
13	71.84	72.38	74.94	76.61	78.67	77.68	81.23	80.38	81.85	76.67	71.72	70.69
14	71.80	72.35	75.02	76.82	78.60	77.75	80.79	80.13	81.97	76.46	71.55	70.71
15	71.80	72.42	75.23	77.07	78.35	77.94	80.51	80.00	82.14	76.23	71.43	70.75
16	71.81	72.39	75.37	77.42	78.16	78.10	80.68	79.90	82.13	75.92	71.36	70.72
17	71.86	72.44	75.36	77.64	77.95	78.30	80.38	80.01	82.05	75.68	71.34	70.62
18	71.85	72.43	75.50	77.70	77.70	78.62	80.08	79.99	82.08	75.46	71.19	70.68
19	71.93	72.45	75.50	77.93	77.46	78.60	79.83	80.00	81.86	75.26	71.10	70.75
20	72.10	72.50	75.35	78.14	77.35	78.66	79.70	80.10	82.06	75.12	71.07	70.83
21	72.15	72.47	75.28	78.20	77.34	78.88	79.64	80.33	81.90	75.00	70.82	70.76
22	72.34	72.57	75.20	78.25	77.29	79.18	79.55	80.29	81.84	74.85	70.80	70.75
23	72.42	72.72	75.18	78.30	77.18	79.62	79.52	80.33	81.85	74.65	71.03	70.74
24	72.39	72.94	75.07	78.30	77.15	79.61	79.58	80.57	81.82	74.48	71.13	70.87
25	72.48	73.11	75.00	78.36	77.28	79.90	79.47	80.92	81.74	74.33	71.11	70.94
26	72.59	73.21	75.04	78.62	77.37	80.29	79.49	81.13	81.55	74.21	71.16	70.90
27	72.50	73.28	74.88	78.76	77.50	80.28	79.55	81.26	81.31	74.05	71.08	71.00
28	72.53	73.41	74.80	78.68	77.54	80.61	79.66	81.38	81.10	73.94	71.13	71.07
29	72.57		74.83	78.83	77.45	80.80	79.73	81.40	80.84	73.80	71.20	71.10
30	72.46		74.93	78.92	77.30	80.43	79.69	81.58	80.60	73.63	71.03	71.11
31	72.49		75.08		77.50		79.81	81.29		73.43		71.00

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: 1929-55. Jan. 14, 101.12; Mar. 9, 103.57; May 10, 108.64; July 13, 109.53; Sept. 14, 111.14; Nov. 11, 101.45.

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: 1929-55. Jan. 14, 70.85; Mar. 9, 72.09; May 10, 76.89; July 13, 78.53; Sept. 14, 79.83; Nov. 11, 74.64.

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, 1935-55. Jan. 12, 71.54; Mar. 9, 71.40; May 10, 71.47; July 13, 71.62; Sept. 14, 71.76; Nov. 11, 71.93.

H-6-10. Herbert Stevens. Lat. 29°18', long. 99°30'. Dug farm well in Leona formation, 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, 1946-55. Jan. 12, 67.80; Mar. 9, 67.82; May 10, 68.59; July 13, 67.73; Sept. 14, 67.81; Nov. 10, 67.81.

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 249.42 below lsd, Sept. 14, 1955. Records available: 1929-34, 1936-38, 1940-44, 1946-55. Jan. 12, 232.98; Mar. 9, 235.50; May 10, 240.15; July 13, 240.47; Sept. 14, 249.42; Nov. 10, 241.00.

XU-9(G-6-4). 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: 1937-55. Jan. 12, 59.35; Mar. 10, 60.29; May 11, 61.36; July 11, 62.18; Nov. 10, 66.26.

XU-10(G-6-5). 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: 1937-55. Jan. 12, 43.50; Mar. 10, 44.48; May 9, 46.07; July 11, 47.11; Sept. 13, 48.23; Nov. 9, 49.85.

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, 1946-55. Jan. 13, 69.17; Mar. 11, 71.77; May 12, 75.30; July 12, 76.40; Sept. 12, 75.26; Nov. 10, 71.62.

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: 1937-55. Jan. 13, 37.63; Mar. 11, 39.19; May 12, 39.83; July 12, 40.39; Sept. 12, 40.64; Nov. 10, 37.74.

Waller County

223(F-25). 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 79.07 below lsd, May 18, 1955. Records available: 1931, 1933, 1939-55. Mar. 15, 77.00; May 18, 79.07.

225(F-43). 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: 1940-55. Mar. 15, 84.18.

235(H-35). 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 79.10 below lsd, Nov. 15, 1955. Records available: 1931, 1933, 1939-55. Mar. 14, 77.84; Nov. 15, 79.10.

239(F-10). 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: 1941-55. Mar. 15, 70.46; Nov. 17, 85.45.

240(H-28). 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 73.99 below lsd, Nov. 17, 1955. Records available: 1940-46, 1948-55. Mar. 16, 71.30; Nov. 17, 73.99.

242(F-39). 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: 1941-55. Mar. 15, 71.58.

245(F-27). 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: 1941-55. Mar. 15, 67.92; Nov. 17, 74.91.

246(F-20). 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 76.59 below lsd, Nov. 18, 1955. Records available: 1940-46, 1948-55. Mar. 15, 71.31; Nov. 18, 76.59.

247(F-33). 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: 1939-55. Mar. 15, 79.02.

252(H-21). 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: 1940-55. Nov. 21, 83.72.

Wharton County

1(A-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 47.29 below lsd, Mar. 21, 1955. Records available: 1940-47, 1949-55. Mar. 21, 47.29.

8(A-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 47.62 below lsd, Mar. 21, 1955. Records available: 1935, 1938-55. Mar. 21, 47.62.

32(A-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. Measurement discontinued.

33(B-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, 1948-55. Mar. 21, 39.47.

66(C-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 34.91 below lsd, Mar. 24, 1955. Records available: 1940-55. Mar. 24, 34.91.

81(C-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. Measurement discontinued.

108(D-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 36.36 below lsd, Mar. 21, 1955. Records available: 1934-36, 1938-55. Mar. 21, 36.36.

109(D-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, screen 212-393. 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. Measurement discontinued.

148(E-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 48.44 below lsd, Mar. 24, 1955. Records available: 1942-47, 1950-55. Mar. 24, 48.44.

165(A-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, 1938-55. Mar. 21, 37.07.

173(F-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, 1949-55. Mar. 21, 26.01.

178(F-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 32.65 below lsd, Mar. 21, 1955. Records available: 1934-35, 1938-47, 1949-55. Mar. 21, 32.65.

181(F-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 37.76 below lsd, Mar. 23, 1955. Records available: 1934-35, 1938-55. Mar. 23, 37.76.

186(F-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 29.01 below lsd, Mar. 23, 1955. Records available: 1935, 1938-55. Mar. 23, 29.01.

209(E-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 19.68 below lsd, Mar. 23, 1955. Records available: 1934-35, 1938-47, 1949-55. Mar. 23, 19.68.

241(D-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 41.52 below lsd, Mar. 24, 1955. Records available: 1934-35, 1937-55. Mar. 24, 41.52.

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. 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, 1948-55. Mar. 14, 130.49; July 18, 132.16; Nov. 10, 130.24.

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, 1948-55. Mar. 14, 104.75; July 18, 101.49; Nov. 10, 102.38.

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 105.46 below lsd, July 18, 1955. Records available: 1940-46, 1948-55. Mar. 14, 92.54; July 18, 105.46; Nov. 10, 99.62.

Zavala County

H7-13. C. W. Bretzke. 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, 1948-55. Sept. 22, 155.79.

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: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21	66.74	Apr. 23	68.30	July 24	69.95	Oct. 25	68.59
Feb. 25	67.29	May 24	68.87	Aug. 25	70.58	Nov. 22	65.82
Mar. 23	67.76	June 24	69.39	Sept. 22	71.97	Dec. 20	64.98

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 120.75 below lsd, Sept. 21, 1955. Records available: 1930-34, 1936-46, 1948-55. Sept. 21, 120.75.

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: 1930-40, 1942-51, 1953-54. No measurement made in 1955.

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 107.62 below lsd, Sept. 21, 1955. Records available: 1947-55. Sept. 21, 107.62.

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 95.70 below lsd, Sept. 21, 1955. Records available: 1930-55. Sept. 21, 95.70.

N1-24. J. C. Williams. Lat. 28°57', long. 99°52'. Drilled farm artesian well in Carrizo sand, diameter 6 inches, depth 300 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, 1935-55. Sept. 22, 227.33.

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, Jan. 25, 1930; lowest 101.91 below lsd, Aug. 17, 1950. Records available: 1930-33, 1946-53, 1955. Sept. 22, 90.84.

N1-40. I. T. Pryor. Lat. 28°55', long. 99°52'. Drilled stock artesian well in Carrizo sand, diameter 6 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. No measurement made in 1955.

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: 1948-55.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	96.13	Apr. 23	102.00	July 24	92.96	Oct. 25	97.52
Feb. 25	97.40	May 24	89.63	Aug. 28	92.70	Nov. 22	96.29
Mar. 23	100.20	June 24	90.23	Sept. 22	96.68	Dec. 20	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: 1946-55.

Jan. 23	249.6	Apr. 23	271.7	July 24	272.6	Oct. 25	255.4
Feb. 25	251.4	May 24	257.9	Aug. 25	260.6	Nov. 22	249.7
Mar. 23	256.1	June 24	268.4	Sept. 22	251.2	Dec. 20	248.1

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 138.23 below lsd, Sept. 22, 1955. Records available: 1947-55. Sept. 22, 138.23.

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 302.45 below lsd, Sept. 20, 1955. Records available: 1929-32, 1936-41, 1944-45, 1947-55. Sept. 20, 302.45.

