

Water Levels and Artesian Pressure in Observation Wells in the United States in 1950

Part 4. South-Central States

Prepared under the direction of C. G. PAULSEN, Chief Hydraulic Engineer

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1168

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



UNITED STATES DEPARTMENT OF THE INTERIOR

Oscar L. Chapman, *Secretary*

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PREFACE

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WATER LEVELS AND ARTESIAN PRESSURE
IN OBSERVATION WELLS IN THE UNITED STATES
IN 1950

Part 4. SOUTH CENTRAL

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 were published in a single volume--1935, 777; 1936, 817; 1937, 840; 1938, 845; 1939, 886. Since 1940, records have been published in six 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-level reports from 1940 through 1950.

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

Ground-water investigations are concerned with the availability of usable water supplies, land drainage, flood control, construction of waterways and dams, mine drainage, and other problems to which the principles of ground-water hydrology are pertinent. Water levels in wells indicate the stages of the aquifers; they show the extent to which water supplies are depleted by drought or by heavy pumping, and the extent to which they are replenished in seasons of abundant rainfall or melting snow. The recorded changes of pressure in artesian wells also indicate depletion or replenishment of the artesian supplies.

This volume gives records of water levels and artesian pressures in observation wells in the south-central States (Arkansas, Louisiana, Oklahoma, and Texas). Of the 2,040 wells listed, 75 are equipped with recording gages. Descriptive matter for some wells is given in previous reports. For wells not previously reported, complete records of water levels are given. For wells whose previous records have been published, this volume gives only the current records.

Before 1943, the water levels and artesian pressures for some wells were given in feet above or below the measuring points and for other wells in feet above or below sea level or above or below various assumed datum planes. In 1943, a precise datum plane was selected at each well which was approximately the land surface. The water levels and artesian heads for all wells listed in this volume are referred to land-surface datum. Water levels above this datum are preceded by a plus (+) sign, those below this datum have no sign but are understood to be minus (-), unless otherwise indicated.

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. Verda M. Dougherty edited the reports; Rodney Hart edited the illustrations; and Penn Livingston had general charge of the nation-wide observation-well program. This volume was typed by Mrs. Joyce Wells.

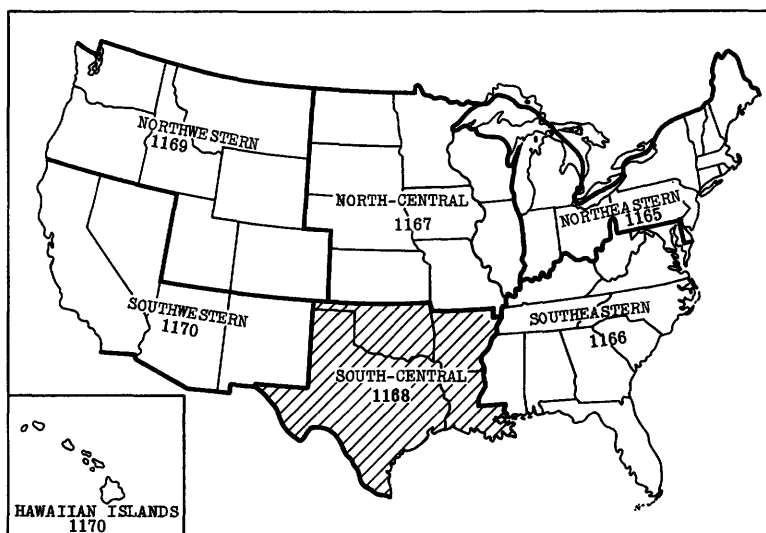


Figure 1. --Outline map of the United States showing areas included in each of the six water-supply papers on water levels and artesian pressure in observation wells in 1950. The shaded area indicates the States included in this volume.

ARKANSAS

By J. H. Criner

Scope of Water-Level Program

The observation-well program in Arkansas was continued in 1950 in cooperation with the State Agricultural Experiment Station, the Federal Land Bank of St. Louis, and the Division of Geology of the State Resources and Development Commission. Measurements were made in 56 wells--31 in Arkansas County, 7 in Ashley County, 1 in Jefferson County, 9 in Lonoke County, 2 in Monroe County, and 6 in Prairie County. Arkansas County well 280 is equipped with a recording gage. Wells are numbered serially within each county.

Precipitation

The average annual precipitation at rainfall stations in the State was 59.70 inches--10.88 inches above the average for the past 60 years. Precipitation was above normal for January, February, May, July, August, and September.

Pumpage

The water levels usually stand highest in the spring before irrigation pumping begins, then decline during the pumping period. The rate of decline is high at first, then gradually decreases. After pumping stops, the water levels rise rapidly at first and then at a decreasing rate and by spring tend to stand near the previous spring levels. The general trend of water level or artesian head may be determined by annual measurements in the spring, as late as possible before pumping begins.

Fluctuations of Water Levels

The fluctuations of water levels in wells in the Grand Prairie region (Arkansas, Lonoke, Prairie, Jefferson, and Monroe Counties) are affected by differences in natural recharge and discharge from the aquifer. The water levels in nearly all of the wells fluctuate as a result of atmospheric pressure changes; this may be as much as 0.8 foot in one day to 1 foot in a few days. Corrections for changes in atmospheric pressure can be made and are necessary to make accurate comparisons of water levels at different times. The barometric readings are taken at the University of Arkansas, College of Agriculture, Rice Branch Experiment Station, 1 mile south and 7.5 miles east of Stuttgart in northeast corner sec. 3, T. 3 S., R. 4 W. The charts are available for inspection or for loan. Measurements in this report have not been corrected for atmospheric pressure changes. Rice is the principal crop in the Grand Prairie region. A large part of the water used for rice-land irrigation in the region is taken from wells. Also, most of the land planted to rice in Ashley County is irrigated from wells. About 5,000 acres in Ashley County was planted to rice in 1950.

The following table gives the highest and lowest water levels reached in well 280, Arkansas County during the period 1938-50. The high stages are due partly to extremely low atmospheric pressure. The water levels given here have not been corrected for barometric fluctuations.

Year	Date	Lowest level	Date	Highest level
1938	Sept. 4	93.90	Feb. 18	87.71
1939	Aug. 21	94.86	Jan. 29	88.00
1940	6	94.69	Apr. 17	89.12
1941	17	94.90	21	89.58
1942	3	94.70	9	90.10
1943	27	96.92	May 24	90.84
1944	20	97.62	Apr. 9	91.61
1945	27	97.39	Mar. 1	92.20
1946	31	98.90	15	93.00
1947	18	100.42	Jan. 29	94.20
1948	July 7	99.60	Apr. 11	95.52
1949	Aug. 21	98.28	Mar. 9	96.00
1950	10	100.70	9	96.20

Well Descriptions and Water-Level Measurements
(Water levels are in feet below land-surface datum unless otherwise indicated.)

Arkansas County

205A. D. F. Fowler. Near NW. corner sec. 4, T. 2 S., R. 5 W. Records available: 1946-50. Apr. 24, 101.23.

210. W. H. Kornbaum. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 2 S., R. 5 W. Records available: 1938-44, 1947-50. Apr. 27, 97.39.

245. J. W. Darrough. Near NW. corner sec. 22, T. 2 S., R. 4 W. Records available: 1940-42, 1947-50. Apr. 24, 85.77.

261. W. M. Trice. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 2 S., R. 3 W. Records available: 1935-42, 1945, 1947-50. Apr. 24, 64.46.

274. W. W. Crum. NW $\frac{1}{4}$ sec. 29, T. 3 S., R. 6 W. Records available: 1940-44, 1946-50. Apr. 3, 25.18.

280. Fred Hederich. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, T. 3 S., R. 5 W., about 0.5 mile south and 1 mile east of Stuttgart. Records available: 1935-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14	97.73	Apr. 29	96.80	July 23	100.45	Oct. 15	98.40
21	97.78	May 6	97.11	29	99.08	22	97.98
28	97.62	13	96.79	Aug. 5	100.28	Nov. 4	98.30
Feb. 11	96.85	20	98.10	12	99.83	12	98.50
25	97.02	27	98.69	19	100.13	19	97.42
Mar. 4	97.24	June 4	97.56	26	99.05	25	98.12
11	96.85	9	99.22	Sept. 2	98.85	Dec. 2	97.62
25	96.76	17	99.25	9	98.88	9	98.05
Apr. 1	97.09	24	98.57	17	98.08	17	98.22
8	97.08	July 1	100.25	23	98.08	23	98.07
15	97.12	10	100.19	30	98.10	30	97.88
22	96.78	15	100.42	Oct. 9	98.28		

305. Pearl Clow. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 32, T. 3 S., R. 5 W. Records available: 1940-42, 1946-50. Apr. 3, 54.06.

311. W. J. Schrock. NW $\frac{1}{4}$ sec. 5, T. 3 S., R. 4 W. Records available: 1938-46, 1948. Measurement discontinued.

318. University of Arkansas. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 3 S., R. 4 W. Records available: 1935-50. Apr. 4, 89.80.

344. F. T. Hill. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 3 S., R. 4 W. Records available: 1938-50. Apr. 4, 97.90.

353. R. L. Mitchell. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 3 S., R. 3 W. Records available: 1938-42, 1947-50. Apr. 4, 82.29.

355. W. A. Fehrenbaker. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 3 S., R. 3 W. Records available: 1940-42, 1945-50. Apr. 4, 77.04.

364. J. T. McWilliams. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 3 S., R. 2 W. Records available: 1940-42, 1947-50. Apr. 6, 53.69.

374A. C. W. McDougall. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 4 S., R. 5 W. Records available: 1939-42, 1945, 1947-50. Apr. 3, 45.11.

378. Yeske. Near SE. corner sec. 13, T. 4 S., R. 5 W. Records available: 1939-42, 1945, 1947-50. Apr. 6, 92.09.

392A. F. E. Hillman. SW $\frac{1}{4}$ sec. 1, T. 4 S., R. 4 W. Records available: 1939-42, 1945-50. Apr. 4, 86.33.

414. J. T. McWilliams. Near NE. corner sec. 11, T. 4 S., R. 2 W. Records available: 1938-42, 1945-50. Apr. 6, 60.43.

415. J. W. Watkins. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 4 S., R. 2 W. Records available: 1940-42, 1945-50. Apr. 6, 70.79.

437. B. L. Williams. Near SW. corner sec. 7, T. 5 S., R. 4 W. Records available: 1939-42, 1947-50. Apr. 7, 78.47.

440. American Southern Trust Co. $SE\frac{1}{4}NE\frac{1}{4}$ sec. 12, T. 5 S., R. 4 W. Records available: 1938-42, 1945-50. Apr. 5, 89.54.

456. E. W. McCuskey. Near NW. corner $NE\frac{1}{4}$ sec. 16, T. 5 S., R. 3 W. Records available: 1935-42, 1945-50. Apr. 6, 88.12.

457A. Missouri State Insurance Co. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 31, T. 5 S., R. 3 W. Records available: 1940-42, 1944-50. Apr. 5, 77.20.

461. DeWitt Bank & Trust Co. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 34, T. 5 S., R. 2 W. Records available: 1939-44, 1947-50. Apr. 6, 55.87.

491. Cunningham & Felt. Spanish Grant 2358, equivalent to sec. 24, T. 7 S., R. 4 W. Records available: 1940-42, 1948-50. Apr. 5, 36.40.

499. Quandt & Lowe. Spanish Grant 2300, equivalent to sec. 27 or 34, T. 7 S., R. 3 W. Records available: 1935-42, 1947-50. Apr. 5, 37.50.

506. J. M. Satchfield. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 17, T. 7 S., R. 2 W. Records available: 1938-42, 1947-50. Apr. 5, 42.21.

507. J. M. Satchfield. Near SW. corner sec. 16, T. 7 S., R. 2 W. Records available: 1935-42, 1947-50. Apr. 5, 32.08.

514. J. M. Satchfield. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 33, T. 7 S., R. 2 W. Records available: 1940-42, 1947-50. Apr. 5, 33.33.

B91. Enders. $SE\frac{1}{4}$ sec. 10, T. 2 S., R. 4 W. Records available: 1940-42, 1945-50. Apr. 24, 86.75.

B133. Snow Wilson (Goetz). $SW\frac{1}{4}NW\frac{1}{4}$ sec. 21, T. 4 S., R. 5 W. Records available: 1940-42, 1945-50. Apr. 3, 71.28.

B189. W. J. Bohnert. $NW\frac{1}{4}$ sec. 32, T. 7 S., R. 3 W. Records available: 1940-42, 1947-48, 1950. Apr. 5, 31.00.

B192. W. J. Bohnert. Sec. 5, T. 8 S., R. 3 W. Records available: 1940-42, 1948-50. Apr. 5, 28.41.

Ashley County

3. F. Harbinson. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 16, T. 16 S., R. 6 W. Records available: 1946-50. May 8, 72.75.

4. F. Harbinson. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 15, T. 16 S., R. 6 W. Records available: 1947-50. May 8, 71.49.

5. F. Harbinson. $SE\frac{1}{4}NE\frac{1}{4}$ sec. 22, T. 16 S., R. 6 W. Records available: 1946-50. May 8, 72.09.

9. Daniels. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 26, T. 16 S., R. 6 W. Records available: 1948-50. May 8, 69.16.

11. H. Davis. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 33, T. 16 S., R. 6 W. Records available: 1946-50. May 8, 63.06.

16. F. Blank. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 7, T. 17 S., R. 7 W. Records available: 1946-48. No measurement made in 1950.

17. F. Blank. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 10, T. 17 S., R. 7 W. Records available: 1946-48. No measurement made in 1950.

24. Miller & Harris. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 36, T. 17 S., R. 8 W. Records available: 1946-50. May 9, 72.39.

33. Miller & Harris. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 1, T. 18 S., R. 8 W. Records available: 1946-49. Measurement discontinued.

34. Miller & Harris. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 1, T. 18 S., R. 8 W. Records available: 1946-50. May 9, 72.63.

Jefferson County

270. V. D. Harlan. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, T. 3 S., R. 7 W. Records available: 1938-42, 1948-50. Apr. 3, 19.46.

Lonoke County

5. Carl Lilly. SE. corner SW $\frac{1}{4}$ sec. 31, T. 3 N., R. 7 W. Records available: 1940-42, 1944-50. Apr. 26, 68.69.

8. Owner unknown. Near NW. corner sec. 4, T. 2 N., R. 8 W. Records available: 1938-50. Apr. 26, 58.90.

19. C. G. Miller. SW $\frac{1}{4}$ sec. 26, T. 2 N., R. 8 W. Records available: 1940-50. Apr. 26, 60.73.

27. J. T. Kelly. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 2 N., R. 7 W. Records available: 1940-42, 1944, 1947-50. Apr. 26, 70.11.

28. G. Koch. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 2 N., R. 7 W. Records available: 1938-44, 1947-50. Apr. 26, 80.34.

37. Owner unknown. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 2 N., R. 7 W. Records available: 1940-50. Apr. 26, 65.20.

61. Lonoke County Bank, Bishop farm. 150 feet north and 250 feet east of southwest corner sec. 4, T. 1 N., R. 8 W. Records available: 1939-44, 1947-50. Apr. 26, 55.68.

126. Vennum & Patterson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 1 S., R. 7 W. Records available: 1935-44, 1947-50. Apr. 26, 44.18.

127. Vennum & Patterson. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 1 S., R. 7 W. Records available: 1938-50. Apr. 26, 40.62.

Monroe County

178. Kreimeir Estate. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 1 S., R. 4 W. Records available: 1940-44, 1946-50. Apr. 27, 76.24.

193. Hugh H. Burns. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 1 S., R. 3 W. Records available: 1940-42, 1948-50. Apr. 25, 69.38.

Prairie County

45. F. Dvorak. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 2 N., R. 6 W. Records available: 1940-45, 1948-49. Measurement discontinued.

55. George Jensen. Near SW. corner sec. 13, T. 2 N., R. 5 W. Records available: 1935-50. Apr. 24, 63.83.

88. Herman Hardke. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 1 N., R. 6 W. Records available: 1939-44, 1947-50. Apr. 25, 67.61.

97. J. A. Papan. SW. corner sec. 20, T. 1 N., R. 6 W. Records available: 1940-44, 1946-50. Apr. 25, 67.31.

110. F. W. Sickel. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 1 N., R. 5 W. Records available: 1940-44, 1946-50. Apr. 24, 86.37.

122. George Randall. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 1 N., R. 4 W. Records available: 1939-44. Measurement discontinued.

135. C. D. Yohe. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 1 S., R. 6 W. Records available: 1935-45, 1947-50. Apr. 25, 51.02.

144. Powell. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 1 S., R. 5 W. Records available: 1935-39, 1945. Measurement discontinued.

201. Guy Robinson. N $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 14, T. 2 S., R. 6 W. Records available: 1938-50. Apr. 25, 53.36.

LOUISIANA

By A. N. Turcan, Jr., W. W. Whitesides, and A. B. Jones

Scope of Water-Level Program

The observation-well program in Louisiana was continued in 1950. Measurements of water levels were made in 338 wells in 31 parishes. Recording gages were in operation on 46 wells for at least a part of the year. Of these recording gages 27 were of the weekly type and 19 were of the continuous type. Measurements for wells Sc-6 and Sc-9, at Norco, are obtained from the Shell Oil Company and for well Ve-514 at Erath from The Texas Company. Wells are numbered serially within each parish.

The program was directed toward solution of the industrial and irrigation water-supply problems of southwestern Louisiana. Three detailed pumping tests were conducted in the vicinities of Vidrine in Evangeline Parish, Fenton in Jefferson Davis Parish, and Nuba in St. Landry Parish, to determine the hydraulic characteristics of the aquifer tapped by most of the fresh-water supply wells in this area. Two brief reports, one entitled "Ground-water conditions in the Lake Charles area," by P. H. Jones and the other entitled, "Depth of occurrence of fresh ground water in southwestern Louisiana," by P. H. Jones were released to the public in mimeographed form during the year. Numerous local exploratory projects for cities, towns, and some industries were carried forward. The location of all observation wells are shown on figure 2.

Fluctuations of Water Levels

Northern Louisiana. --Indications are that the ground-water conditions are not improving and supply problems continue to be critical in several localities in this area. The heavy withdrawals of water from the deeper sands (890 feet) at Bastrop in Morehouse Parish caused a steady decline of water level during the year from 178 feet to 183 feet below land surface in well Mo-9. (See fig. 3.)

Measurements of water level in well Ja-13 at Hodge in Jackson Parish, where an average of more than 10 million gallons of water are pumped from wells each day, show recovery during the winter months, but the water-level conditions in general for the year 1950 are similar to those in 1949. (See fig. 4.)

Central Louisiana. --Since the deactivation of Army camps in the greater Alexandria area and reduced demand from municipal wells in the urban area, water levels have not declined below previous years' records. The hydrograph for the one well, R-26, at Alexandria (see fig. 5.) which taps the "1,100-foot" sand shows a recovery from 114 feet to 106 feet below land surface. At Fishville the recorded pressure of a well 397 feet deep remained nearly constant at about 3 feet above land-surface datum, the same as recorded during 1949.

Southwestern Louisiana. --In 1950 about 600,000 acres of rice were planted in southwestern Louisiana. About 232,000 acres were irrigated by water pumped from wells. The amount of rice acreage flooded was about the same as for the year 1949 but due to a midseason drought the amount of ground water required for irrigation in 1950 was about 12 billion gallons more than in 1949. Because of this increase in ground-water requirements the water-level decline for 1950 exceeded the low in 1949, as shown by the hydrographs for two wells in the center of the rice-farming area. (See fig. 10.)

With accelerated demands for industrial water supplies in the Lake Charles area the water levels tapping the "500-foot" sand continued a steady decline as shown by the hydrographs for well Cu-445. Records of levels in the "700-foot" sand in the Lake Charles area, which is tapped by fewer industrial wells than the "500-foot" sand but supplies the municipal needs of Lake Charles, showed a marked decline of about 5 feet during the summer months and was below the previous all-time low recorded in 1948. (See fig. 11.)

Southeastern Louisiana. --As a result of a decrease in the demand for water for industrial purposes in the Baton Rouge area from wells that tap the "A-1" and "A-2" sands, the recovery of water levels in the winter and spring months compared favorably with the recovery recorded in 1946. The decline and recovery of the water levels in wells that tap these sands are graphically illustrated in figure 8. Water levels in well EB-312, which is 1,370 feet deep, reached a new low of 20 feet below land surface during the summer months. The fluctuations of the water levels

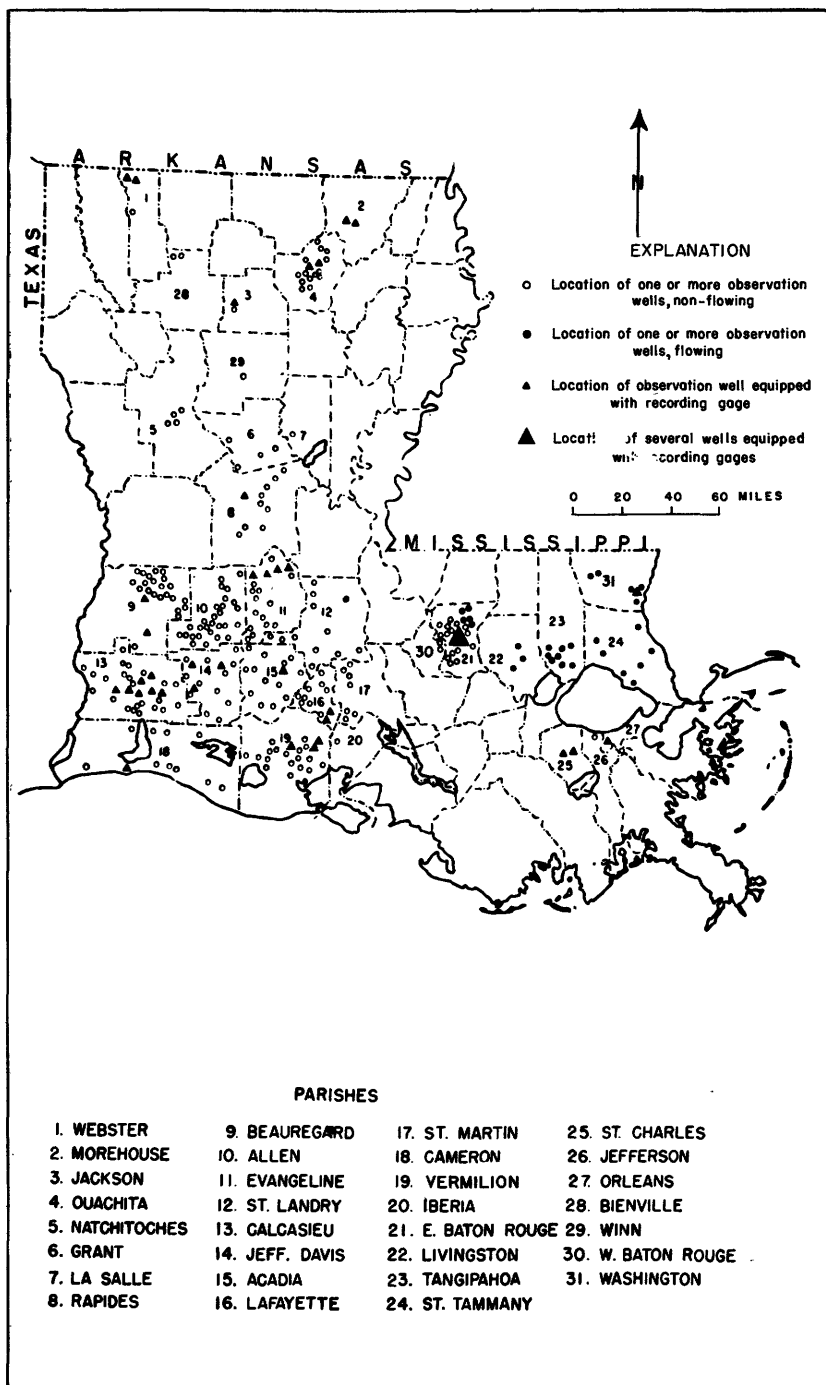
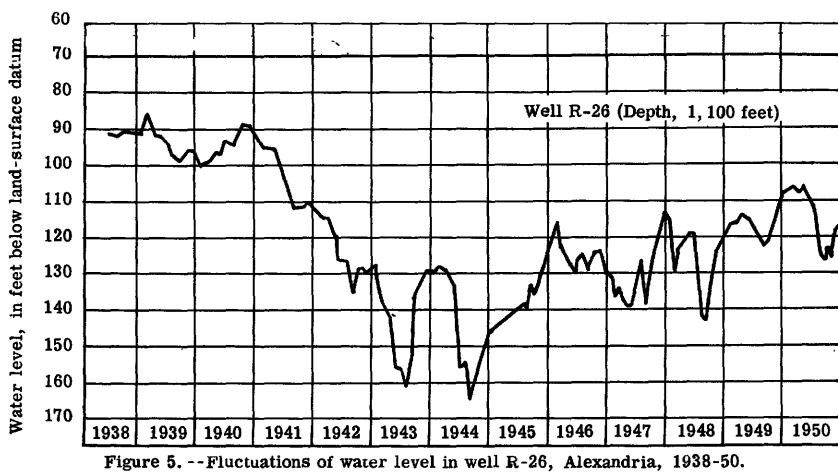
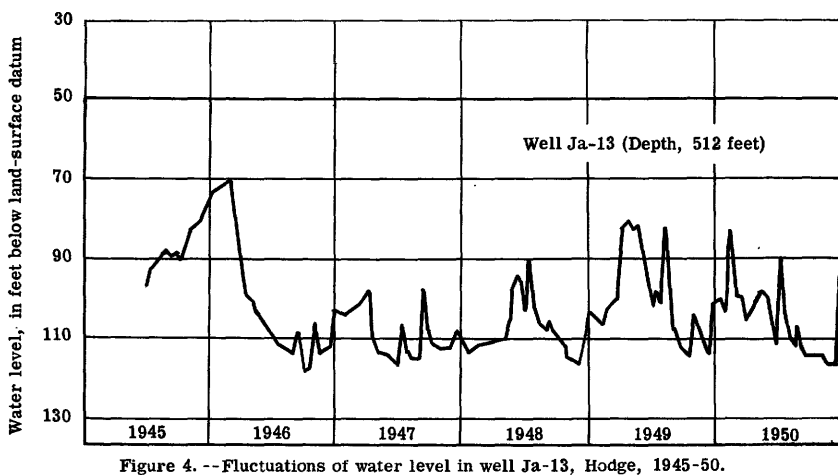
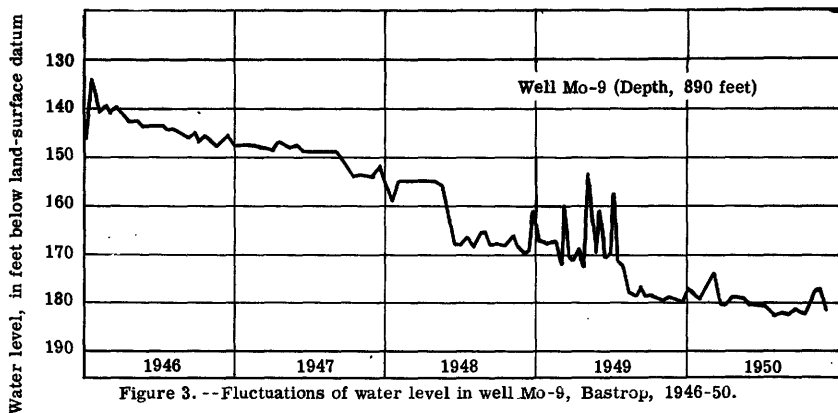


Figure 2. --Location of observation wells in Louisiana, 1950.



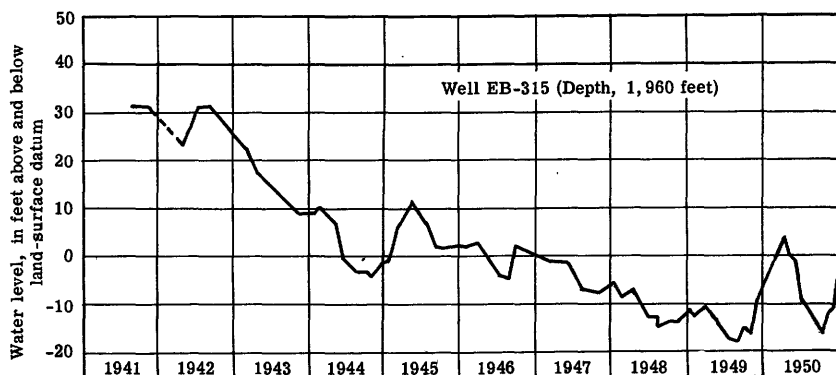


Figure 6. --Fluctuations of water level in well EB-315, Baton Rouge, 1941-50.

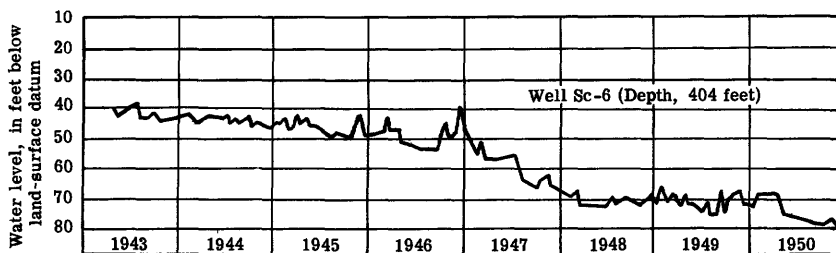


Figure 7. --Fluctuations in well Sc-6 caused by pumping well at Norco, 1943-50.

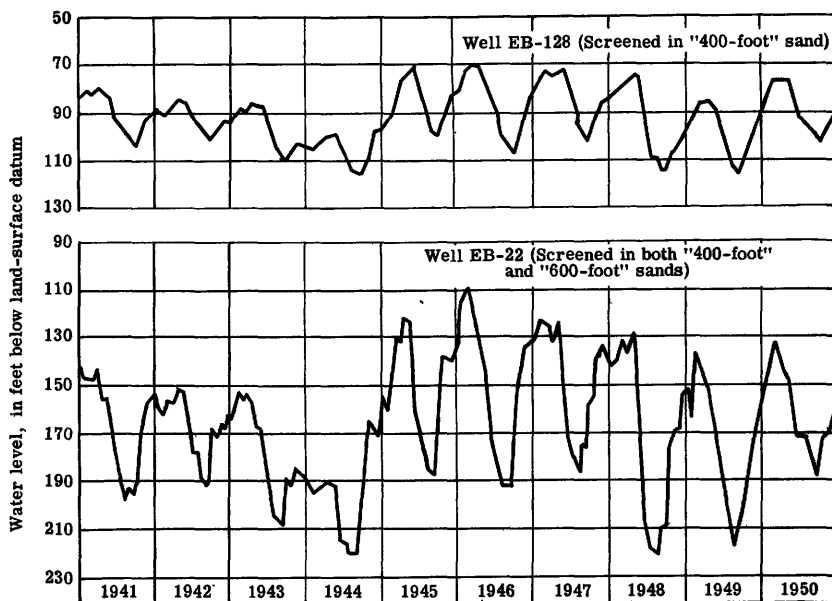


Figure 8. --Fluctuations of water levels in wells EB-128 and EB-22, caused by pumping wells at Baton Rouge, 1941-50.

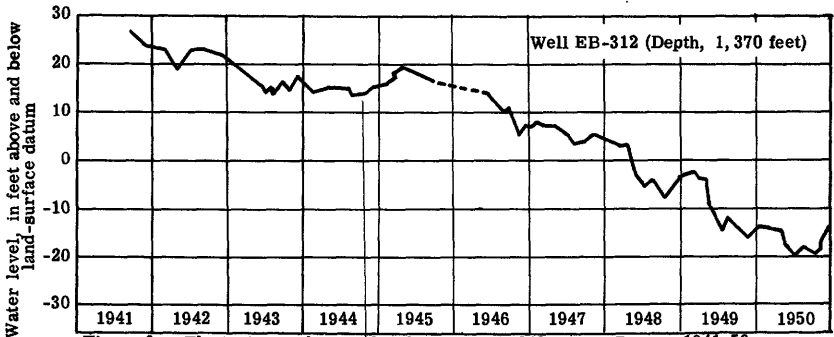


Figure 9. --Fluctuations of water level in well EB-312, Baton Rouge, 1941-50.

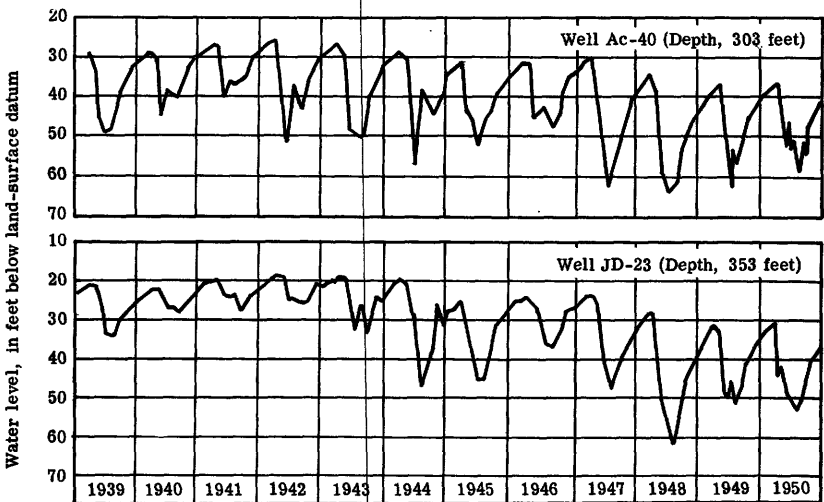


Figure 10. --Fluctuations of water levels in wells Ac-40 and JD-23 caused by pumping wells in the rice-growing area of southwestern Louisiana, 1939-50.

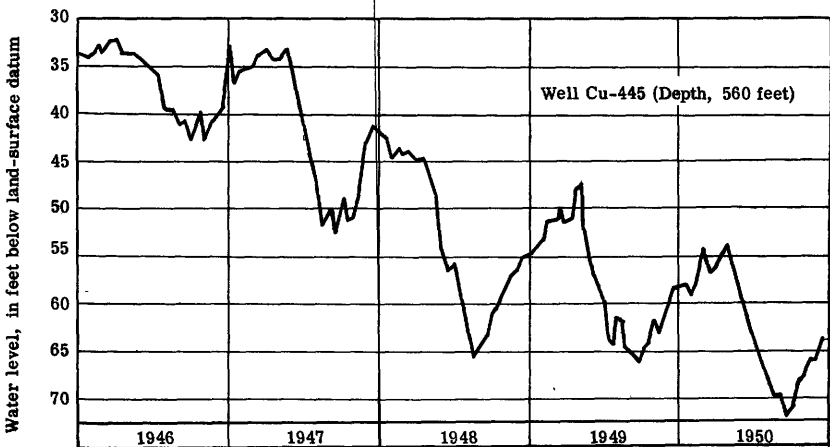


Figure 11. --Fluctuations of water level in well Cu-445 in the Lake Charles area, 1946-50.

in this well and in well EB-315, which taps sands that occur below a depth of 1,700 feet in the Baton Rouge area, are shown in figure 6(EB-315) and figure 9 (EB-312).

An average withdrawal of about 16 million gallons of water a day from wells in the "500-foot" sand at Norco, in St. Charles Parish, resulted in a gradual decline in water level, as shown in the hydrograph for well Sc-6. (See fig. 7.)

Artesian pressure in wells in the flowing well area of southeastern Louisiana showed little change from previous years. Seasonal declines of a few feet during the irrigating season for strawberries and other truck crops were offset by a recovery in the fall.

Well Descriptions and Water-Level Measurements
(Water-levels are in feet below land-surface datum unless otherwise indicated.)

Acadia Parish

Ac-7. Lozen Leger. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 10 S., R. 2 E. Records available: 1939-50.
Mar. 20, 32.47; June 27, 45.71; Sept. 26, 40.52; Dec. 11, 35.42.

Ac-22. Harry Frey. S $\frac{1}{2}$ sec. 19, T. 7 S., R. 1 E. Records available: 1939-50.
Mar. 22, 52.93; June 26, 68.57; Sept. 26, 66.23; Dec. 11, 57.80.

Ac-34. F. N. Hayes. SW $\frac{1}{4}$ sec. 10, T. 7 S., R. 2 W. Records available: 1939-48,
1950. June 28, 62.46; Sept. 26, 60.93; Dec. 11, 54.62.

Ac-35. Onezime Doucet. NW $\frac{1}{4}$ sec. 22, T. 8 S., R. 2 W. Records available: 1939-49.
Measurement discontinued.

Ac-40. Mrs. H. A. Kerr. NE $\frac{1}{4}$ sec. 1, T. 9 S., R. 1 W. Records available: 1939-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	Aug.	Sept.	Oct.	Nov.	Dec.
1	40.9	39.2	....	....	....	49.5	....	....	48.0	44.6	42.5
2	40.8	39.2	....	....	....	49.0	....	....	47.8	44.6	42.4
3	40.7	39.2	....	....	....	48.5	a57.54	....	47.7	44.5	42.3
4	40.7	39.2	....	....	....	48.1	57.9	....	47.5	44.4	42.3
5	40.4	39.2	....	....	....	47.8	58.1	....	47.4	44.3	42.2
6	40.3	39.1	....	....	....	47.5	57.0	....	47.3	44.2	42.0
7	40.3	39.0	....	....	....	47.2	56.2	51.8	47.1	44.4	42.0
8	40.3	39.0	....	....	....	47.0	58.6	51.7	47.0	44.1	41.9
9	40.2	39.0	....	....	....	47.0	59.6	51.7	46.9	44.0	41.8
10	40.2	38.9	....	....	....	47.1	60.1	51.5	46.7	43.9	41.8
11	40.2	38.8	....	....	....	47.1	60.1	51.3	46.6	43.9	41.7
12	40.2	38.7	....	....	....	46.8	59.9	54.5	46.5	43.8	41.6
13	40.2	38.6	....	....	....	47.4	58.8	54.9	46.4	43.7	41.6
14	40.2	38.6	....	....	....	48.6	58.3	54.9	46.3	43.7	41.5
15	40.1	38.6	....	....	....	52.2	58.2	55.1	46.3	43.6	41.5
16	40.1	38.6	....	....	....	53.4	58.1	54.5	46.2	43.7	41.5
17	40.0	38.5	....	....	....	54.3	58.2	54.3	46.3	43.5	41.4
18	39.9	38.5	....	....	....	....	57.4	53.3	46.0	43.4	41.4
19	39.9	38.5	....	a36.71	....	....	58.0	51.3	45.8	43.2	41.3
20	39.9	38.5	a36.72	....	....	....	57.5	50.7	45.7	43.2	41.3
21	39.9	38.4	....	....	....	....	....	50.3	45.6	43.1	41.2
22	39.8	38.3	....	....	....	....	....	49.9	45.0	43.0	41.2
23	39.7	38.3	a37.18	....	a52.47	....	....	49.6	45.4	43.0	41.1
24	39.7	38.3	....	....	52.9	....	....	49.3	45.3	42.9	41.1
25	39.6	38.2	a37.17	....	53.6	....	....	49.1	45.3	42.9	41.0
26	39.6	....	....	....	54.0	a49.99	....	48.9	45.4	42.8	40.9
27	39.4	....	....	....	54.4	51.0	....	48.6	45.1	42.7	40.8
28	39.4	....	....	....	51.7	52.3	....	48.5	45.0	42.6	40.7
29	39.3	....	....	....	51.1	....	....	48.3	44.9	42.6	40.6
30	39.3	....	....	....	50.6	....	....	48.1	44.8	42.5	40.6
31	39.3	....	....	....	50.0	....	....	....	44.7	....	40.6

a Tape measurement.

Ac-56. Henry Bieber. NW $\frac{1}{4}$ sec. 36, T. 7 S., R. 1 E. Records available: 1939-50.
Sept. 26, 66.59.

Ac-65. C. J. Freeland. NW $\frac{1}{4}$ sec. 29, T. 7 S., R. 2 E. Drilled irrigation well,
diameter 10 inches, depth 300 feet. Records available: 1950. Dec. 11, 46.73.

Ac-104. Hanle Hartwell. SW $\frac{1}{4}$ sec. 2, T. 9 S., R. 1 E. Records available: 1939,
1944-50. Mar. 21, 41.28; June 26, 55.62; Sept. 25, 52.90; Dec. 14, 45.14.

Ac-115. C. A. Savoy. South corner of irregular sec. 77, T. 8 S., R. 2 E. Records available: 1944-50. Mar. 20, 54.89; Sept. 25, 62.17; Dec. 11, 57.80.

Ac-147. Ed Faulk. SW $\frac{1}{4}$ sec. 34, T. 10 S., R. 1 E. Records available: 1939, 1944-50. Mar. 21, 20.78; June 27, 27.80; Sept. 27, 28.50; Dec. 14, 24.09.

Ac-152. L. W. Hoyt. Sec. 4, T. 11 S., R. 1 W. Records available: 1939, 1944-50. Mar. 21, 20.13; June 27, 25.98; Sept. 27, 28.34; Dec. 14, 23.94.

Ac-175. Leon P. Lapleau. North line sec. 46, T. 10 S., R. 2 W. Records available: 1939-50. Mar. 20, 15.23; June 29, 22.00; Sept. 27, 25.46.

Ac-179. Dr. F. N. Hayes. NW $\frac{1}{4}$ sec. 34, T. 8 S., R. 1 W. Records available: 1939-50. Mar. 23, 41.71; Sept. 25, 53.75; Dec. 11, 45.57.

Ac-188. Jules Baronet. SE $\frac{1}{4}$ sec. 9, T. 10 S., R. 1 E. Records available: 1944-50. Mar. 21, 27.24; June 27, 36.71; Sept. 26, 36.81; Dec. 14, 30.90.

Ac-232. Sun Oil Co. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 9 S., R. 1 W. Records available: 1949-50. Mar. 22, 19.19; June 28, 27.42; Sept. 26, 29.28; Dec. 11, 23.78.

Ac-235. Henry Lejeune. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 8 S., R. 2 W. Records available: 1949-50. Mar. 22, 42.86; June 28, 51.98; Sept. 26, 55.07; Dec. 11, 47.83.

Ac-239. Acadia Parish School Board. NE $\frac{1}{2}$ irregular sec. 12, T. 9 S., R. 2 W. Records available: 1949-50. Mar. 22, 27.46; June 28, 35.31; Sept. 26, 38.43; Dec. 11, 31.51.

Ac-255. Crowley Experiment Station. Formerly Robert Black. NE $\frac{1}{2}$ SE $\frac{1}{4}$ sec. 27, T. 9 S., R. 1 E. Drilled irrigation well, diameter 10 inches, depth about 300 feet. Records available: 1950. Sept. 26, 40.27; Dec. 13, 34.14.

Ac-281. Sun Oil Co. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 49, T. 10 S., R. 2 W. Drilled unused oil-field supply well, diameter 4 inches, depth 200 feet. Records available: 1950. Dec. 14, 22.18.

Allen Parish

A1-11. Onezie Vincent. SE $\frac{1}{4}$ sec. 8, T. 5 S., R. 3 W. Records available: 1944-50. Mar. 21, 52.64; June 28, 54.96; Sept. 27, 55.38; Dec. 12, 54.12.

A1-15. Ben Daigle. SW $\frac{1}{4}$ sec. 27, T. 5 S., R. 3 W. Records available: 1944-50. Mar. 21, 56.49; June 29, 58.12; Sept. 27, 58.16; Dec. 12, 57.65.

A1-16. O. Lejeune. SE $\frac{1}{4}$ sec. 22, T. 5 S., R. 4 W. Records available: 1940-50. Mar. 21, 41.18; Sept. 27, 42.17; Dec. 12, 41.87.

A1-18. Kinder Canal Co. NE $\frac{1}{4}$ sec. 6, T. 6 S., R. 4 W. Records available: 1944-50. Mar. 21, 31.21; June 28, 33.01; Sept. 27, 33.09; Dec. 12, 32.94.

A1-20. C. I. Kuntz. SW $\frac{1}{4}$ sec. 14, T. 7 S., R. 5 W. Records available: 1944-50. Mar. 23, 40.77; Sept. 27, 44.12; Dec. 13, 43.40.

A1-21. Frank Odom. NE $\frac{1}{4}$ sec. 28, T. 6 S., R. 4 W. Records available: 1944-50. Mar. 23, 35.99; June 27, 36.66; Sept. 27, 37.70; Dec. 13, 37.44.

A1-22. Frank Odom. SW $\frac{1}{4}$ sec. 20, T. 6 S., R. 4 W. Records available: 1944-50. Mar. 23, 34.95; June 26, 34.71; Sept. 27, 36.74; Dec. 13, 37.02.

A1-25. R. R. McClelland. SE $\frac{1}{4}$ sec. 30, T. 6 S., R. 4 W. Records available: 1946-50. Mar. 23, 57.01; Sept. 27, 59.63; Dec. 13, 58.69.

A1-33. M. Carroll. NE $\frac{1}{4}$ sec. 35, T. 4 S., R. 4 W. Records available: 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	42.04	May 16	41.26	Aug. 29	43.51	Nov. 14	42.86
Mar. 8	41.54	June 13	42.18	Sept. 27	43.47	Dec. 12	42.58
21	41.08	28	42.51	Oct. 4	43.20	27	42.54
Apr. 18	41.07	July 18	43.01				

A1-40. Industrial Lumber Co. NE $\frac{1}{4}$ sec. 29, T. 2 S., R. 3 W. Records available: 1945-50.

Jan. 17	3.66	May 17	4.32	Aug. 30	9.11	Nov. 15	10.71
Mar. 9	2.41	June 14	4.03	Oct. 10	10.44	Dec. 19	10.43
Apr. 20	5.76	July 19	7.21				

A1-41. Lucindy Rodriguez. NE $\frac{1}{4}$ sec. 29, T. 2 S., R. 3 W. Records available: 1945-49. Measurement discontinued.

A1-42. Oak Hill Church. NW $\frac{1}{4}$ sec. 20 T. 2 S., R. 3 W. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	6.78	May 17	7.30	Aug. 30	12.23	Nov. 15	13.82
Mar. 9	6.31	June 14	7.96	Oct. 10	13.29	Dec. 19	14.01
Apr. 20	9.76	July 19	11.17				

A1-43. S. P. McDaniel. NE $\frac{1}{4}$ sec. 32, T. 2 S., R. 4 W. Records available: 1945-50.

Jan. 17	25.23	May 17	25.55	Aug. 30	26.19	Nov. 15	26.59
Mar. 9	25.31	June 14	25.88	Oct. 10	26.44	Dec. 19	26.51
Apr. 20	25.78	July 19	26.05				

A1-54. Kinder Canal Co. SE $\frac{1}{4}$ sec. 19, T. 5 S., R. 4 W. Records available: 1945-50. Mar. 21, 26.97; Dec. 12, 29.51.

A1-75. Olin McGee. NE $\frac{1}{4}$ sec. 34, T. 5 S., R. 4 W. Records available: 1945-50.

Jan. 16	34.67	May 16	33.20	Aug. 29	35.40	Nov. 14	36.00
Mar. 8	33.44	June 13	33.25	Oct. 4	36.07	Dec. 27	36.27
Apr. 18	34.41	July 18	32.38				

A1-84. Leon Manuel. SE $\frac{1}{4}$ sec. 19, T. 4 S., R. 2 W. Records available: 1947-50.

Jan. 17	24.04	May 16	23.93	Aug. 29	23.96	Nov. 14	25.02
Mar. 8	25.58	June 13	24.10	Oct. 10	24.46	Dec. 19	25.39
Apr. 18	24.33	July 18	23.79				

A1-87. D. S. Kingrey. NW $\frac{1}{4}$ sec. 34, T. 6 S., R. 5 W. Records available: 1946-50.

Jan. 17	6.40	May 16	7.74	Aug. 29	9.30	Nov. 14	12.60
Mar. 8	5.62	June 13	7.30	Oct. 4	12.88	Dec. 27	13.34
Apr. 18	10.62	July 18	9.35				

A1-88. Amos Ceaser. SE $\frac{1}{4}$ sec. 29, T. 6 S., R. 5 W. Records available: 1946-50.

Jan. 16	22.23	May 16	22.24	Aug. 29	25.78	Nov. 14	26.64
Mar. 8	21.39	June 13	21.19	Oct. 4	26.48	Dec. 27	26.90
Apr. 18	23.78	July 18	24.22				

A1-91. J. M. Ritchie. NE $\frac{1}{4}$ sec. 26, T. 6 S., R. 6 W. Records available: 1946-50.

Jan. 16	2.24	May 16	2.81	Aug. 29	7.47	Nov. 14	12.31
Mar. 8	2.22	June 13	2.96	Oct. 4	7.26	Dec. 27	13.50
Apr. 18	4.27	July 18	2.96				

A1-92. J. A. Rohner. NW $\frac{1}{4}$ sec. 21, T. 3 S., R. 3 W. Records available: 1946-50.

Jan. 16	17.21	May 16	14.46	Aug. 29	16.42	Nov. 14	18.82
Mar. 8	15.07	June 13	14.08	Oct. 4	17.78	Dec. 20	19.49
Apr. 18	15.02	July 18	15.27				

A1-93. Mrs. J. E. Hollingsworth. SW $\frac{1}{4}$ sec. 21, T. 3 S., R. 3 W. Records available: 1946-50.

Jan. 16	15.89	May 16	12.94	Aug. 27	14.66	Nov. 14	16.68
Mar. 8	13.58	June 13	12.50	Oct. 4	15.66	Dec. 20	17.26
Apr. 18	13.47	July 18	13.42				

A1-95. Clyde Whitley. NE $\frac{1}{4}$ sec. 6, T. 4 S., R. 3 W. Records available: 1946-50.

Jan. 16	12.24	May 16	8.55	Aug. 29	12.03	Nov. 14	13.95
Mar. 8	8.27	June 13	8.71	Oct. 4	13.07	Dec. 20	14.05
Apr. 18	8.99	July 18	10.70				

A1-96. Clarise McGee. NE $\frac{1}{4}$ sec. 7, T. 4 S., R. 3 W. Records available: 1946-50.

Jan. 16	26.36	May 16	24.57	Aug. 29	26.02	Nov. 14	28.00
Mar. 8	25.10	June 13	25.02	Oct. 4	27.01	Dec. 20	28.24
Apr. 18	24.81	July 18	25.18				

A1-100. A. C. Easterling. NW $\frac{1}{4}$ sec. 26, T. 4 S., R. 4 W. Records available: 1946-50.

Jan. 16	30.83	May 16	30.85	Aug. 29	32.79	Nov. 14	33.11
Mar. 8	30.49	June 13	31.50	Oct. 4	33.25	Dec. 20	33.62
Apr. 18	31.35	July 18	32.79				

A1-102. L. S. Sonnier. NW $\frac{1}{4}$ sec. 34, T. 4 S., R. 5 W. Records available: 1946-49. Measurement discontinued.

A1-103. Mrs. S. L. Carpenter. SW $\frac{1}{4}$ sec. 5, T. 5 S., R. 4 W. Records available: 1946-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16	24.76	May 16	22.12	Aug. 29	22.14	Nov. 14	22.98
Mar. 8	22.96	June 13	22.23	Oct. 4	22.60	Dec. 20	23.42
Apr. 18	22.17	July 18	21.83				

A1-104. Louis Durie. SE $\frac{1}{4}$ sec. 32, T. 4 S., R. 4 W. Records available: 1946-50.

Mar. 8	10.29	June 13	9.68	Aug. 29	11.69	Nov. 14	13.16
Apr. 18	10.34	July 18	11.09	Oct. 4	12.41	Dec. 20	13.71
May 16	10.31						

Measurements discontinued in wells A1-105, A1-106, and A1-120.

A1-124. Pierre Nevils. Sec. 11, T. 7 S., R. 5 E. Records available: 1947-50.

Jan. 16	23.34	May 16	22.57	Aug. 29	27.00	Nov. 14	27.45
Mar. 8	21.56	June 13	21.72	Oct. 4	27.20	Dec. 27	27.46
Apr. 18	23.57	July 16	24.73				

A1-125. M. D. Hargrove. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 3 S., R. 3 W. Records available: 1947-50.

Jan. 17	33.12	May 16	32.31	Aug. 29	33.31	Nov. 14	34.28
Mar. 8	32.39	June 13	31.99	Oct. 10	33.92	Dec. 19	34.29
Apr. 18	32.73	July 18	32.75				

A1-135. Walker Brothers. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 6 S., R. 6 W. Drilled irrigation well, diameter 10 inches, depth 240 feet. Records available: 1950. Jan 23, 24.63.

A1-136. Hanton Keathley. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 6 S., R. 6 W. Records available: 1948-50. Mar. 22, 16.71; June 28, 29.30; Sept. 26, 18.54; Dec. 13, 18.64.

Beauregard Parish

Be-2. Southern Pacific Railroad. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 6 S., R. 8 W. Records available: 1943-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	47.1	46.8	....	46.1	46.0	46.8	47.4	49.6	49.6	48.9	48.2	48.0
2	47.0	46.6	....	46.0	45.9	46.8	47.5	49.6	49.5	48.9	48.2	48.0
3	46.9	46.9	....	46.0	45.9	46.7	47.6	49.5	49.5	48.9	48.1	47.9
4	46.9	46.9	....	46.0	45.9	46.8	47.8	49.5	49.4	48.9	48.2	48.0
5	46.9	46.9	....	46.3	45.9	46.7	47.9	49.6	49.4	48.9	48.2	47.9
6	47.0	46.8	....	46.3	46.0	46.7	48.0	49.7	49.4	48.8	48.2	48.0
7	47.2	46.7	....	46.3	46.0	46.6	48.1	49.7	49.4	48.8	48.2	48.1
8	47.1	46.7	....	46.2	46.1	46.6	48.1	49.8	49.4	48.8	48.1	48.0
9	47.0	46.7	....	46.2	46.0	46.6	46.1	49.9	49.4	48.8	48.1	48.0
10	47.0	46.7	....	46.1	46.1	46.6	48.2	50.0	49.4	48.7	48.3	48.0
11	47.0	46.7	....	46.1	46.1	46.6	48.3	50.1	49.5	48.7	46.3	48.0
12	47.0	46.5	....	46.2	46.1	46.5	48.4	50.2	49.6	48.7	46.2	47.9
13	46.9	....	....	46.1	46.0	46.5	48.4	50.1	49.6	48.7	48.2	47.9
14	47.0	....	....	46.2	45.9	46.6	48.5	50.0	49.6	48.6	48.2	47.9
15	46.9	....	....	46.2	45.9	46.7	48.5	50.0	49.5	48.6	48.1	47.9
16	47.0	....	....	46.2	46.0	46.9	46.5	50.0	49.5	48.6	48.1	48.0
17	47.0	....	....	46.0	46.0	47.0	46.4	50.0	49.5	48.5	48.1	48.0
18	46.9	....	....	46.0	46.0	47.0	48.4	50.0	49.5	48.4	48.1	48.0
19	46.9	....	....	46.0	46.0	47.1	48.5	50.0	49.4	48.3	48.0	48.0
20	47.0	....	....	46.1	46.0	47.1	48.6	50.0	49.3	48.3	48.0	47.9
21	47.0	....	....	46.1	46.0	47.1	48.7	50.1	49.2	48.3	48.2	48.0
22	46.9	....	46.2	46.1	46.1	47.1	48.9	50.2	49.1	48.3	48.0	48.0
23	46.8	....	46.2	46.1	46.2	47.2	49.1	50.3	49.1	48.4	48.0	48.0
24	46.7	....	46.1	45.9	46.2	47.2	49.2	50.3	49.1	48.4	48.2	47.9
25	46.8	....	46.1	45.9	46.3	47.3	49.3	50.3	49.1	48.4	48.2	47.9

Be-2--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	46.9	....	46.0	46.0	46.4	47.3	49.4	50.3	49.1	48.4	48.0	47.8
27	46.9	....	45.6	46.0	46.4	47.3	49.4	50.2	49.0	48.3	48.0	47.9
28	46.9	....	45.9	46.0	46.5	47.1	49.4	50.1	49.0	48.3	46.0	47.8
29	46.8		46.2	45.9	46.5	47.2	49.4	50.0	46.9	48.3	48.0	47.8
30	46.8		46.4	45.9	46.6	47.2	49.4	49.9	48.9	48.3	48.0	47.9
31	46.8		46.3		46.7		49.5	49.7		48.2		47.9

Be-29. Travis Hamilton. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 4 S., R. 6 W. Records available:

1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	41.37	May 17	39.57	Aug. 31	39.85	Nov. 15	41.04
Mar. 9	40.14	June 14	39.38	Oct. 5	40.72	Dec. 28	41.85
Apr. 20	39.52	July 19	39.39				

Be-31. B. H. Harper. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 4 S., R. 7 W. Dug domestic well, diameter 2.8 feet, depth 18 feet. Records available: 1950. Oct. 5, 12.28; Nov. 15, 12.86; Dec. 30, 13.41.

Be-32. J. A. Harper. S $\frac{1}{2}$ SE $\frac{1}{4}$ sec. 13, T. 4 S., R. 7 W. Records available: 1948-50.

Jan. 18	23.63	May 17	22.52	Aug. 31	23.86	Nov. 15	25.61
Mar. 9	21.35	June 14	21.53	Oct. 5	24.62	Dec. 28	26.10
Apr. 20	22.79	July 19	22.70				

Be-33. C. A. Tramel. Center of sec. 23, T. 4 S., R. 7 W. Records available:

1948-50.

Jan. 18	37.10	May 17	36.14	Aug. 31	38.19	Nov. 15	39.58
Mar. 9	34.91	June 14	35.14	Oct. 5	38.89	Dec. 30	39.98
Apr. 20	36.78	July 19	36.48				

Be-34. Cecil Jones. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 4 S., R. 7 W. Records available: 1948-50.

Jan. 18	25.51	May 17	24.44	Aug. 31	26.27	Nov. 15	27.64
Mar. 9	22.54	June 14	22.98	Oct. 5	26.97	Dec. 30	29.15
Apr. 20	24.90	July 19	24.52				

Be-35. Gus Cole. N $\frac{1}{2}$ SE $\frac{1}{4}$ sec. 16, T. 4 S., R. 7 W. Records available: 1948-50.

Jan. 18	43.48	May 17	42.81	Aug. 31	41.94	Nov. 15	42.72
Mar. 9	43.59	June 14	42.44	Oct. 5	42.19	Dec. 30	43.20
Apr. 20	42.89	July 19	43.06				

Be-36. O. Moses. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 3 S., R. 7 W. Records available: 1948-50.

Jan. 18	31.76	May 17	29.30	Aug. 31	29.85	Nov. 15	32.03
Mar. 9	30.22	June 14	28.84	Oct. 5	30.90	Dec. 30	33.06
Apr. 20	29.23	July 19	28.74				

Be-37. W. B. Welborn. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, T. 3 S., R. 8 W. Records available: 1948-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21.8	21.3	....	19.2	19.7	....	19.0	20.1	21.4	22.4	23.1	....
2	21.8	21.3	....	19.2	19.7	....	19.0	20.2	21.5	22.4	23.1	....
3	21.8	21.3	....	19.2	19.6	19.7	19.1	20.2	21.5	22.4	23.1	....
4	21.8	21.3	....	19.2	19.6	19.1	19.1	20.3	21.5	22.5	23.2	....
5	21.8	21.3	....	19.3	19.5	18.9	19.2	20.3	21.6	22.5	23.2	....
6	21.8	21.3	....	19.3	19.5	18.7	19.2	20.4	21.6	22.5	23.2	....
7	21.8	21.3	....	19.3	19.4	18.6	19.2	20.4	21.6	22.5	23.2	....
8	21.8	21.3	....	19.3	19.4	18.6	19.3	20.4	21.7	22.5	23.2	....
9	21.7	21.3	....	19.3	19.3	18.5	19.3	20.5	21.7	22.6	23.2	....
10	21.7	21.3	....	19.4	19.4	19.3	18.5	19.4	20.5	21.7	22.6	....
11	21.8	21.3	19.4	19.4	19.3	18.5	19.4	20.6	21.8	22.6	23.3	....
12	21.8	21.3	19.3	19.4	19.3	18.5	19.4	20.6	21.6	22.6	23.3	....
13	21.7	21.3	19.3	19.5	19.3	18.5	19.5	20.7	21.9	22.7	23.3	....
14	21.8	....	19.3	19.5	19.3	18.5	19.5	20.7	21.9	22.7	23.4	....
15	21.7	....	19.3	19.5	19.3	18.5	19.6	20.7	21.9	22.7	23.4	....
16	21.7	....	19.3	19.5	19.4	18.6	19.6	20.8	22.0	22.7	23.4	....
17	21.7	....	19.3	19.5	19.4	18.6	19.6	20.8	22.0	22.8	....	....
18	21.7	....	19.3	19.6	19.4	18.6	19.7	20.9	22.1	22.8	....	....
19	21.6	....	19.3	19.6	19.4	18.6	19.7	20.9	22.1	22.8	....	....
20	21.6	....	19.3	19.7	19.5	18.6	19.7	20.9	22.1	22.8	....	....

Be-37--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	21.6	....	19.3	19.7	19.5	18.7	19.7	21.0	22.1	22.9	....	....
22	21.5	....	19.3	19.7	19.6	18.7	19.8	21.0	22.2	22.9	....	....
23	21.5	....	19.3	19.7	19.6	18.7	19.8	21.1	22.2	22.9	....	....
24	21.4	....	19.2	19.7	19.7	18.8	19.9	21.1	22.2	22.9	....	....
25	21.4	....	19.2	19.8	19.7	18.8	19.9	21.2	22.2	22.9	....	....
26	21.4	....	19.2	19.8	19.7	18.8	19.9	21.2	22.3	23.0	....	....
27	21.4	....	19.2	19.8	19.8	18.9	20.0	21.3	22.3	23.0	....	....
28	21.4	....	19.2	19.9	19.8	18.9	20.0	21.3	22.3	23.0	....	....
29	21.3		19.2	19.8	19.8	18.9	20.0	21.3	22.3	23.0	....	....
30	21.3		19.2	19.8	19.8	19.0	20.1	21.4	22.4	23.0	....	24.1
31	21.3		19.2	....	....	....	20.1	21.4	22.4	23.1	....	24.1

Be-39. Odis Hester. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 3 S., R. 8 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	5.50	May 17	4.09	Aug. 31	4.90	Nov. 15	6.26
Mar. 9	3.97	June 14	3.20	Oct. 5	5.50	Dec. 30	6.79
Apr. 20	4.47	July 19	3.50				

Be-40. W. H. Downs. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 3 S., R. 8 W. Records available: 1948, 1950. Oct. 5, 15.84.Be-40A. W. H. Downs. S $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 29, T. 3 S., R. 8 W. Drilled domestic well, diameter 30 inches, depth 28 feet. Records available: 1950. Nov. 15, 18.46; Dec. 30, 17.54.Be-41. Burkitt Shirley. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, T. 3 S., R. 9 W. Records available: 1948-50.

Jan. 18	2.40	June 14	2.86	Aug. 31	8.66	Nov. 15	11.10
Mar. 9	2.26	July 19	3.44	Oct. 5	9.81	Dec. 30	11.28
May 17	3.31						

Be-42. Paul Stille. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 3 S., R. 9 W. Records available: 1948-50.

Jan. 18	5.71	May 17	7.47	Aug. 31	11.92	Nov. 15	12.37
Mar. 9	5.45	June 14	5.73	Oct. 5	11.80	Dec. 30	12.99
Apr. 20	8.50	July 19	7.05				

Be-44. H. B. Thigpen. N $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 10, T. 3 S., R. 9 W. Records available: 1948-50.

Jan. 18	15.17	May 17	17.64	Aug. 31	20.23	Nov. 15	23.04
Mar. 9	13.82	June 14	14.58	Oct. 10	20.32	Dec. 30	23.85
Apr. 20	17.00	July 19	17.30				

Be-46. Edward Unrech. S $\frac{1}{2}$ sec. 22, T. 2 S., R. 9 W. Records available: 1948-50.

Jan. 18	13.27	May 17	16.56	Aug. 31	17.95	Nov. 15	19.11
Mar. 9	16.36	June 14	16.05	Oct. 10	18.52	Dec. 30	19.63
Apr. 20	17.02	July 19	16.64				

Be-47. Ohros Cooley. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 3 S., R. 8 W. Records available: 1948-50.

Jan. 18	4.83	May 17	8.85	July 19	12.30	Oct. 10	15.55
Mar. 9	6.03	June 14	7.57	Aug. 31	14.14	Dec. 30	16.72
Apr. 20	4.51						

Be-48. Garnet S. Bailey. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 3 S., R. 8 W. Records available: 1948-50.

Jan. 18	3.52	May 17	7.38	July 19	11.75	Oct. 10	14.41
Mar. 9	4.43	June 14	6.02	Aug. 31	13.58	Dec. 30	15.58

Be-50. Shady Grove Church. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 3 S., R. 8 W. Records available: 1948-50.

Jan. 18	40.23	May 17	39.43	July 19	39.34	Oct. 10	40.74
Mar. 9	39.46	June 14	39.00	Aug. 31	40.12	Dec. 30	41.46
Apr. 20	39.70						

Be-51. Allen Wagley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 3 S., R. 7 W. Records available: 1948-50.

Jan. 18	6.94	May 17	6.16	July 19	6.24	Oct. 10	7.27
Mar. 9	6.19	June 14	5.79	Aug. 31	6.89	Dec. 30	8.17
Apr. 20	6.46						

Be-53. Luther Ford. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 4 S., R. 7 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	11.21	May 17	11.93	July 19	12.39	Oct. 10	15.50
Mar. 9	8.34	June 14	9.26	Aug. 31	14.39	Dec. 30	16.95
Apr. 20	12.34						

Be-54. A. J. Lanman. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 3 S., R. 7 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	12.95	May 17	11.63	July 19	11.66	Oct. 10	14.14
Mar. 9	11.27	June 14	10.27	Aug. 31	13.07	Dec. 30	15.92
Apr. 20	12.34						

Be-56. Harris Everts. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 2 S., R. 8 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	31.46	May 17	31.12	July 19	32.61	Oct. 10	33.90
Mar. 9	31.18	June 14	31.30	Aug. 31	31.88	Dec. 30	34.69
Apr. 20	34.74						

Be-57. W. Wilson. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 2 S., R. 8 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	1.20	May 17	1.70	July 19	11.22	Oct. 10	13.38
Mar. 9	1.34	June 14	9.40	Aug. 31	12.54	Dec. 30	14.12
Apr. 20	11.63						

Be-58. J. D. Lambert. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 1 S., R. 9 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	16.72	May 17	15.02	July 19	14.79	Oct. 10	17.48
Mar. 9	14.71	June 14	14.29	Aug. 31	16.65	Dec. 30	18.79
Apr. 20	15.72						

Be-59. A. Robertson. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 4 S., R. 7 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	33.28	May 17	31.37	Aug. 31	32.23	Nov. 15	33.99
Mar. 9	30.92	June 14	30.64	Oct. 5	33.16	Dec. 30	34.78
Apr. 20	31.27	July 19	31.17				

Be-60. C. W. James. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 3 S., R. 8 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	35.51	May 17	33.13	July 19	32.84	Oct. 10	34.25
Mar. 9	34.12	June 14	33.15	Aug. 31	33.44	Dec. 30	36.12
Apr. 20	33.42						

Be-74. Whitney Giraud. NE $\frac{1}{4}$ sec. 12, T. 7 S., R. 9 W. Records available: 1949-50.
Mar. 22, 52.07; June 26, 54.75; Sept. 25, 57.00; Dec. 13, 54.77.

Be-90. Mrs. Ella Green. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 4 S., R. 7 W. Dug domestic well, diameter 36 inches, depth 23 feet. Records available: 1950. Oct. 5, 18.80; Nov. 15, 19.49.

Be-91. Jake Mercer. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 4 S., R. 7 W. Dug domestic well, diameter 8 inches, depth 35 feet. Records available: 1950. Oct. 5, 25.67; Nov. 15, 26.70.

Be-92. Gus Green. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 28, T. 4 S., R. 7 W. Drilled domestic well, diameter 8 inches, depth 64 feet. Records available: 1950. Oct. 5, 47.97; Nov. 15, 48.67.

Be-93. Sam H. Green. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 19, T. 4 S., R. 7 W. Drilled domestic well, diameter 8 inches, depth 62 feet. Records available: 1950. Oct. 5, 44.77; Nov. 15, 45.11.

Be-94. W. M. Taylor. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 19, T. 4 S., R. 7 W. Drilled domestic well, diameter 8 inches, depth 63 feet. Records available: 1950. Oct. 5, 52.63; Nov. 15, 53.53.

Be-95. Nels Nelson. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 4 S., R. 7 W. Drilled domestic well, diameter 8 inches, depth 33 feet. Records available: 1950. Oct. 5, 23.44; Nov. 15, 28.80.

Be-96. Henry A. Farris. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 4 S., R. 7 W. Drilled domestic well, diameter 6 inches, depth 65 feet. Records available: 1950. Oct. 5, 48.88; Nov. 15, 49.19.

Be-97. Henry A. Farris. Center of SW $\frac{1}{4}$ sec. 7, T. 4 S., R. 7 W. Dug domestic well, diameter 36 inches, depth 24.5 feet. Records available: 1950. Oct. 5, 15.00; Nov. 15, 15.72.

Be-100. Mrs. Dealla Willis. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 4 S., R. 8 W. Drilled domestic well, diameter 8 inches, depth 45 feet. Records available: 1950. Nov. 15, 24.00.

Be-101. J. H. Materne. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 2, T. 4 S., R. 8 W. Dug domestic well, diameter 36 inches, depth 18 feet. Records available: 1950. Nov. 15, 15.40.

Bienville Parish

Bi-2. Town of Gibsland. In Gibsland, behind water plant. Records available: 1940-41, 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	50.98	Mar. 29	49.31	July 5	48.63	Sept. 21	49.27
Feb. 1	46.68	Apr. 26	47.57	Aug. 1	47.81	Oct. 27	48.98
Mar. 1	46.94	June 7	47.37	24	49.76	Nov. 30	47.45

Bi-4. Town of Arcadia. Records available: 1949-50. Jan. 5, 166.06; Feb. 1, 164.62; Mar. 1, 164.34; Apr. 26, 159.08; Aug. 1, 164.41; Oct. 27, 163.48.

Calcasieu Parish

Cu-12. Southern Alkali Corp. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 10 S., R. 9 W. Drilled unused industrial (alkali) well, diameter 6 inches, depth 460 feet. Records available: 1950.

Feb. 3	49.36	May 1	47.53	July 24	50.26	Oct. 16	51.92
6	49.19	8	47.73	31	50.37	24	51.43
13	48.76	15	47.86	Aug. 7	50.55	31	51.71
20	48.87	22	48.06	14	50.91	Nov. 7	51.88
27	49.12	29	48.36	21	51.36	10	52.05
Mar. 6	48.73	June 5	48.26	28	51.59	17	51.97
13	48.82	12	48.64	Sept. 4	51.74	24	51.95
20	48.49	19	49.04	11	52.39	Dec. 1	51.77
27	48.21	26	49.27	18	52.56	8	51.71
Apr. 3	48.14	July 3	49.60	25	52.87	15	51.53
10	48.19	10	49.70	Oct. 2	52.66	22	51.52
17	48.04	17	49.78	9	52.57	29	51.33
24	47.94						

Cu-13. Magnolia Petroleum Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 10 S., R. 9 W. Records available: 1943-50. Measurement discontinued after Apr. 17, 1950.

Jan. 26	50.63	Feb. 20	49.44	Mar. 13	49.12	Apr. 4	47.69
Feb. 3	50.45	27	43.36	20	48.23	10	47.59
6	50.14	Mar 6	48.94	27	48.07	17	47.33
13	49.83						

Cu-16. Magnolia Petroleum Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 10 S., R. 9 W. Drilled unused domestic well, diameter 4 inches, depth 328 feet. Records available: 1950. Recording gage installed Apr. 6, 1950.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	34.7	36.6	37.5	39.5	....	41.7	40.4	39.6
2	34.8	36.7	37.5	39.6	....	41.6	40.4	39.5
3	34.7	35.9	37.5	39.7	....	41.5	40.3	39.5
4	34.8	....	37.5	39.7	....	41.5	40.5	39.6
5	34.8	....	37.6	39.6	....	41.5	40.4	39.4
6	a35.29	....	34.7	....	37.7	39.7	....	41.5	40.3	....
7	35.3	34.6	....	37.7	39.6	41.7	41.4	40.1	39.7
8	35.3	34.5	....	37.8	39.6	41.8	41.4	40.2	39.4
9	35.3	34.8	....	37.9	39.7	41.9	41.5	40.2	39.3
10	35.2	34.8	....	37.8	39.7	42.0	41.5	40.5	39.4
11	35.5	34.2	....	37.9	39.7	42.0	41.4	40.3	39.3
12	35.5	34.8	a36.34	37.9	39.8	42.1	41.4	40.1	39.3
13	a35.42	a35.53	35.4	34.8	36.7	37.9	39.9	42.1	41.3	40.0	39.2
14	35.4	34.7	36.7	37.9	40.0	42.1	41.2	39.9	39.2
15	35.3	34.8	36.7	....	40.1	42.1	41.0	39.9	39.2
16	35.1	34.8	36.8	....	40.3	42.0	41.0	39.8	39.3
17	35.0	34.9	36.8	a38.14	40.4	42.1	41.0	39.8	39.3
18	35.2	34.9	36.8	38.4	40.5	42.1	40.9	39.7	39.3
19	35.2	34.9	36.9	....	40.6	42.2	....	39.6	39.3
20	a35.66	a35.20	35.4	35.0	36.8	....	40.7	42.2	....	39.7	39.3
21	35.3	35.1	36.8	38.9	40.8	42.3	....	39.8	39.3
22	35.2	35.3	37.0	39.0	40.9	42.3	....	39.7	39.2
23	35.2	35.4	37.1	39.0	40.9	42.4	....	39.7	39.1
24	35.1	35.6	37.2	39.0	41.0	42.4	a40.87	40.0	39.1
25	35.1	35.7	37.3	39.0	41.0	42.3	40.8	39.9	39.1
26	a36.00	....	....	35.2	35.9	37.4	39.0	41.1	42.1	40.8	39.8	39.1
27	a35.01	35.1	36.1	37.5	39.0	41.1	42.0	40.7	39.8	39.1

Cu-16--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
28	35.0	36.2	37.6	39.1	41.1	41.9	40.6	39.7	39.0
29	34.8	36.3	37.5	39.1	41.1	41.8	40.6	39.6	39.0
30	34.7	36.4	37.5	39.2	41.0	41.7	40.5	39.6	39.0
31	36.5	....	39.4	41.1	....	40.5	....	39.0

a Tape measurement.

Cu-19. Bell Estate. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 10 S., R. 10 W. Records available: 1943-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35.3	34.6	33.7	32.9	....	....	....	39.7	42.8	43.9	42.7	41.0
2	35.3	34.6	33.7	32.9	30.8	....	....	39.8	42.8	43.9	42.6	41.0
3	35.2	34.6	33.6	32.9	31.0	....	a36.07	39.9	42.9	43.9	42.6	40.9
4	35.1	34.6	33.5	32.8	31.1	....	37.1	40.0	42.9	43.9	42.5	40.9
5	35.1	34.6	33.5	32.8	31.1	....	37.2	40.1	43.0	43.9	42.5	40.8
6	35.1	34.6	33.4	32.8	31.2	33.4	37.4	40.2	43.1	43.9	42.5	40.8
7	35.0	34.5	33.4	32.8	31.3	33.7	37.5	40.3	43.1	43.8	42.4	40.7
8	35.0	34.5	33.3	32.8	31.4	33.9	37.7	40.5	43.2	43.8	42.3	40.7
9	35.0	34.5	33.3	32.8	31.5	34.0	37.8	40.6	43.2	43.8	42.3	40.7
10	35.0	34.5	33.3	32.8	31.6	34.1	37.9	40.8	43.3	43.8	42.2	40.6
11	34.9	34.4	33.3	32.7	31.7	34.3	38.0	40.9	43.3	43.7	42.2	40.6
12	34.9	34.4	33.2	32.7	31.8	34.4	38.1	41.0	43.4	43.7	42.2	40.6
13	34.9	34.4	33.2	32.7	31.8	34.5	38.1	41.1	43.4	43.6	42.1	40.5
14	34.9	34.3	30.2	32.7	31.9	34.7	38.2	41.2	43.5	43.6	42.1	40.5
15	34.9	34.3	30.2	32.7	31.9	34.8	38.3	41.4	43.5	43.5	42.0	40.4
16	34.9	34.2	30.2	32.6	32.0	35.0	38.4	41.5	43.5	43.5	42.0	40.3
17	34.8	34.2	30.1	32.6	32.1	35.1	38.4	41.6	43.6	43.5	41.9	40.2
18	34.8	34.2	30.1	32.5	32.2	35.3	....	41.7	43.7	43.4	41.8	40.1
19	34.8	....	30.1	32.4	32.2	35.4	....	41.8	43.7	43.4	41.7	40.1
20	34.8	34.1	30.1	32.4	32.3	35.6	....	....	43.8	43.3	41.6	40.1
21	34.7	34.1	33.1	32.4	32.4	35.3	....	a42.05	43.8	43.3	41.6	40.0
22	34.7	34.1	33.1	32.4	32.4	35.5	....	....	43.8	43.2	41.5	39.9
23	34.7	34.0	33.1	32.4	32.6	35.6	....	....	43.8	43.1	41.4	39.8
24	34.7	34.0	33.1	32.3	....	35.8	a38.97	....	43.8	a43.10	41.4	39.8
25	34.7	34.0	33.0	32.3	....	35.9	39.0	....	43.9	....	41.3	39.8
26	34.6	33.9	33.0	32.3	....	36.0	39.1	....	43.9	....	41.2	39.7
27	34.6	33.9	32.9	32.3	....	....	39.2	....	43.9	....	41.2	39.7
28	34.6	33.8	32.9	32.3	....	....	39.3	a42.55	43.9	....	41.1	39.6
29	34.6	....	32.9	....	....	....	39.4	42.6	43.9	....	41.1	39.6
30	34.6	....	32.9	....	33.2	....	39.5	42.7	43.9	....	41.0	39.6
31	34.6	....	32.9	....	....	....	39.6	42.7	....	42.7	....	39.6

a Tape measurement.

Cu-21. Continental Oil Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, T. 10 S., R. 9 W. Records available:

1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	38.58	Apr. 17	36.40	July 17	39.30	Oct. 16	41.95
13	38.36	24	36.14	24	39.94	24	41.15
18	38.08	May 1	35.89	31	40.14	31	41.26
27	37.96	8	35.80	Aug. 7	40.43	Nov. 7	41.33
Feb. 3	37.91	15	36.10	14	40.70	10	41.42
6	37.74	22	36.28	21	41.35	17	41.33
13	36.42	29	36.69	28	41.59	24	41.29
Mar. 6	37.20	June 5	38.22	Sept. 4	41.76	Dec. 1	41.11
13	37.28	12	36.99	11	42.42	8	41.00
20	36.96	19	38.40	18	42.55	15	40.87
27	36.37	26	38.74	25	42.76	22	40.82
Apr. 3	36.58	July 3	38.97	Oct. 2	42.42	29	40.64
10	36.60	10	39.16	9	42.33	....	....

Cu-22. Magnolia Petroleum Co. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, T. 10 S., R. 9 W. Records available:

1943-50.

Cu-22--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	40.3	....	....	....	38.0	43.1	....	51.7	54.1	53.9	51.1	49.5
2	40.3	....	....	....	38.2	43.1	....	51.8	54.1	53.7	51.0	49.4
3	40.1	41.2	....	....	38.3	42.6	a47.96	52.0	54.2	53.7	51.0	49.2
4	40.3	40.9	....	38.3	38.4	43.0	....	52.1	54.2	53.6	51.2	48.9
5	40.4	40.7	....	38.6	38.6	43.1	....	51.3	54.3	53.4	51.0	48.7
6	40.4	40.5	....	38.7	38.9	43.1	....	51.5	54.4	53.2	50.8	48.9
7	40.5	40.5	38.9	38.5	39.0	43.0	....	51.6	54.4	53.0	50.7	48.8
8	40.4	40.4	39.3	38.4	39.2	42.9	....	52.8	54.3	53.0	....	48.6
9	40.3	40.4	39.2	38.2	39.3	42.9	....	52.9	54.3	53.0	....	48.7
10	40.4	40.4	39.1	38.1	39.5	43.2	....	53.0	54.3	52.9	50.8	48.8
11	40.5	40.4	39.0	38.3	39.5	43.6	....	53.1	54.3	52.8	50.7	48.7
12	40.4	40.1	39.1	....	39.7	43.8	....	53.2	54.4	52.7	50.6	48.5
13	41.3	40.2	39.3	38.1	39.9	43.9	....	53.3	54.5	52.6	50.5	48.2
14	41.4	....	39.4	37.9	39.8	44.2	....	53.4	54.6	52.4	50.4	48.0
15	41.2	....	39.2	37.8	40.0	44.4	....	53.6	54.6	52.2	50.2	48.1
16	41.2	....	39.2	37.5	40.2	44.7	....	53.7	54.6	52.1	50.1	48.2
17	41.1	....	39.2	37.4	40.2	45.1	a49.68	53.8	54.7	52.0	50.1	48.1
18	41.0	....	39.1	37.7	40.3	45.3	49.8	53.7	54.6	51.8	50.0	48.2
19	41.0	....	38.9	37.9	40.4	45.6	49.9	53.8	54.6	51.6	49.8	48.0
20	41.2	a40.0	38.8	38.2	40.7	45.8	50.3	53.9	54.6	51.6	49.9	47.8
21	41.2	....	38.8	38.3	40.8	45.6	50.4	53.7	54.6	51.7	50.0	47.8
22	41.1	....	....	38.2	41.2	45.8	50.6	53.6	54.6	51.6	49.7	47.7
23	41.1	....	....	38.1	41.5	46.0	50.7	53.5	54.6	51.5	49.7	47.7
24	41.1	....	....	38.1	41.7	46.3	50.8	53.6	54.6	51.5	49.9	47.9
25	41.1	....	....	38.2	42.0	46.4	50.9	53.6	54.5	51.4	49.9	48.0
26	41.2	....	....	38.2	42.1	46.4	51.0	53.7	54.4	51.4	49.8	47.8
27	41.3	a40.32	38.5	37.9	42.3	46.6	51.1	53.8	54.3	51.5	49.8	47.8
28	....	....	38.8	37.9	42.5	46.8	51.3	a54.0	54.1	51.4	49.7	47.8
29	....	....	39.0	37.7	42.6	47.0	51.4	54.2	54.0	51.4	49.6	47.7
30	....	....	....	37.9	42.9	47.1	51.4	54.2	54.0	51.4	49.6	47.8
31	....	....	....	....	43.0	....	51.5	54.2	....	51.3	....	47.8

a Tape measurement.

Cu-34. Gulf States Utilities. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 9 S., R. 9 W. Records available: 1945-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	31.4	31.1	30.1	28.8	28.5	33.7	38.4	....	44.1	43.5	40.5	38.3
2	31.2	30.9	32.1	28.4	28.9	....	34.2	....	44.1	43.9	40.3	38.0
3	31.2	31.2	30.2	28.7	29.7	....	37.9	....	43.1	42.0	40.6	38.5
4	31.2	31.1	29.8	28.7	32.2	....	38.4	....	42.9	42.7	....	37.8
5	31.8	30.7	28.8	28.8	29.3	....	36.0	....	45.2	44.0	....	37.5
6	31.3	30.7	29.5	27.3	29.8	33.1	36.6	37.4	44.4	44.1	....	....
7	31.7	30.8	29.3	29.0	29.6	33.2	36.4	....	45.2	44.4	a40.1	....
8	31.2	30.7	29.7	27.3	29.6	33.8	38.8	43.1	45.0	42.1	40.6	41.4
9	31.0	30.6	27.0	26.9	30.4	33.7	34.1	41.8	44.2	44.3	36.8	38.5
10	31.6	30.6	30.0	28.8	30.4	34.1	36.7	41.8	43.3	41.8	40.1	37.2
11	31.5	30.4	28.3	29.0	30.1	34.1	37.0	43.0	45.3	41.7	39.7	40.0
12	31.3	30.3	29.4	29.1	32.3	34.1	35.1	43.7	45.2	41.5	....	37.0
13	31.2	30.2	29.6	28.8	30.5	36.4	35.9	43.9	45.7	41.5	....	34.7
14	31.2	30.5	29.7	28.9	30.7	36.7	37.8	43.1	45.4	41.3	....	36.7
15	30.8	30.5	30.1	28.9	30.4	37.3	38.6	42.3	46.3	41.3	....	37.4
16	31.0	30.1	29.5	27.9	30.5	35.0	36.6	44.0	45.1	42.0	....	37.3
17	31.3	29.8	29.9	28.4	31.2	37.8	39.4	44.9	43.6	40.0	39.0	37.2
18	31.0	29.7	29.4	27.4	31.4	35.5	40.3	44.5	45.7	38.9	38.5	37.7
19	31.1	29.4	27.3	29.6	31.8	35.2	40.5	44.1	44.6	40.8	36.1	37.4
20	31.3	29.8	28.9	30.0	31.8	35.2	38.7	44.1	45.2	41.4	37.9	37.6
21	31.3	29.9	28.6	29.1	31.9	35.1	40.5	45.9	45.5	41.2	37.9	36.8
22	30.4	29.9	29.6	29.0	31.3	37.1	41.2	44.1	45.5	41.4	37.8	37.3
23	31.1	29.9	28.2	29.2	34.3	35.8	39.2	44.4	45.1	....	....	37.3
24	31.2	30.0	29.5	29.0	33.5	36.0	41.3	43.7	44.4	a41.88	....	37.2
25	31.2	30.0	29.4	28.1	34.0	36.6	41.6	44.3	45.1	40.9	....	37.1
26	31.4	29.6	26.4	29.3	34.4	36.4	40.1	45.3	42.7	40.5	....	36.5
27	31.4	30.2	28.7	28.8	33.4	36.4	41.5	43.2	44.5	43.1	....	37.0
28	31.3	30.0	28.6	27.7	33.2	38.8	41.8	a45.28	42.6	42.8	....	33.7
29	31.4	....	28.7	27.7	33.5	39.2	....	44.0	42.5	40.2	....	34.0
30	31.2	....	27.9	28.2	33.6	36.4	....	44.1	42.5	42.8	....	36.5
31	31.3	....	29.1	....	33.4	....	42.6	44.0	....	42.9	....	34.5

a 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 industrial (alkali) well, diameter 10 inches, depth 511 feet. Records available: 1950. Recording gage installed Aug. 14, 1950.

Daily noon water level, from recorder graph

Day	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	78.3	78.5	77.3	74.3
2	.....	78.2	78.3	77.3	74.0
3	.....	78.3	78.2	76.9	72.2
4	.....	78.1	78.1	77.5	74.7
5	.....	78.2	78.3	77.5	73.9
6	.....	78.2	78.0	77.2	74.1
7	.....	78.2	77.9	77.3	74.1
8	.....	78.9	77.9	77.3	73.9
9	.....	78.8	77.9	77.2	75.5
10	.....	78.6	77.8	77.5	75.6
11	.....	78.6	77.1	77.6	75.5
12	.....	78.6	77.0	77.5	75.5
13	.....	78.8	77.5	77.5	75.3
14	.....	79.3	77.7	77.4	75.4
15	78.8	79.1	77.5	77.5	75.3
16	79.0	79.1	76.7	77.5	76.4
17	78.9	79.2	76.2	77.5	76.5
18	79.0	78.9	75.9	77.4	76.5
19	79.3	79.0	76.4	77.0	76.3
20	79.1	78.8	76.4	77.2	76.2
21	79.4	79.0	76.7	77.3	76.3
22	79.3	79.1	76.7	77.2	76.2
23	79.3	79.0	76.9	77.4	76.3
24	79.2	78.9	77.2	77.5	76.3
25	79.8	79.0	77.3	77.3	76.2
26	80.3	78.9	77.8	77.3	76.0
27	80.1	78.7	77.6	77.3	76.1
28	79.7	78.7	77.6	77.2	76.0
29	78.7	78.6	77.4	77.2	76.1
30	78.5	78.6	77.4	76.3	76.2
31	78.5		77.5		76.1

Cu-84. Port of Lake Charles. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2, T. 10 S., R. 9 W. Records available: 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13	46.24	Apr. 10	42.68	July 10	53.99	Oct. 9	58.42
18	46.14	17	42.23	17	56.16	16	57.16
27	46.10	24	42.53	24	56.59	24	56.43
Feb. 3	45.73	May 1	43.34	31	57.76	31	56.33
6	45.32	8	44.44	Aug. 7	58.77	Nov. 7	55.50
13	44.80	15	45.28	14	59.40	10	55.80
20	44.48	22	46.58	21	60.24	17	55.23
27	44.57	29	48.46	28	61.32	24	54.81
Mar. 6	43.87	June 5	48.77	Sept. 4	60.66	Dec. 1	54.08
13	44.13	12	49.57	11	60.28	8	53.39
20	43.24	19	51.06	18	60.24	15	53.12
27	42.85	26	51.96	25	59.75	22	53.09
Apr. 3	42.50	July 3	55.24	Oct. 2	58.74	29	52.52

Cu-115. Krause & Managan. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 9 S., R. 10 W. Records available: 1944-50. Mar. 22, 9.65; June 26, 10.00; Sept. 26, 14.16; Dec. 14, 14.59.

Cu-120. Mathieson Chemical Corp. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 11 S., R. 10 W. Records available: 1943-50. Mar. 23, 19.57; June 29, 22.19; Sept. 28, 28.03.

Cu-125. Cooper Patterson. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 10 S., R. 10 W. Records available: 1944-50.

Jan.	6	34.05	Mar.	6	32.53	May	1	31.24	June	26	36.46
18	33.60		13	32.48		8	32.34		July	3	38.30
27	33.94		20	32.48		15	33.04		10	38.40	
Feb.	3	33.63	27	32.11		22	34.79		17	38.15	
6	33.80		Apr.	3	32.30	29	35.09		24	38.94	
13	33.25		11	32.23		June	5	34.01	31	41.30	
20	33.05		17	31.79		12	35.16		Aug.	7	42.41
27	32.75		24	31.55		19	37.36		14	43.07	

Cu-125--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 21	43.60	Sept. 25	43.47	Oct. 31	41.59	Dec. 1	39.49
28	43.18	Oct. 2	43.28	Nov. 7	41.17	8	39.40
Sept. 4	43.44	9	42.64	10	41.09	15	39.00
11	43.28	16	42.20	17	40.54	22	38.65
18	43.60	24	41.59	24	39.94	29	38.16

Cu-128. Steve Alford. Formerly W. D. Jones. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, T. 9 S., R. 8 W. Records available: 1944-48, 1950. May 2, 24.16; June 26, 30.19; Sept. 25, 37.57; Dec. 13, 31.86.

Cu-161. Calcasieu-Marine National Bank. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 11 S., R. 7 W. Records available: 1944-50. Mar. 22, 17.95; Sept. 28, 34.96; Dec. 13, 24.87.

Cu-171. A. L. Gale. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 11 S., R. 8 W. Drilled irrigation well, diameter 12 inches, depth 375 feet. Records available: 1950. Sept. 28, 41.99; Dec. 13, 36.25.

Cu-173. Charles Linkswiler. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 10 S., R. 8 W. Records available: 1946-50. Mar. 22, 40.40.

Cu-205. Paul Bellon. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 8 S., R. 8 W. Records available: 1943-49. Measurement discontinued.

Cu-208. W. L. Caldwell. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 8 S., R. 8 W. Records available: 1946-50. June 26, 33.52; Sept. 25, 38.01; Dec. 13, 33.24.

Cu-209. J. P. Tucker. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 9 S., R. 9 W. Records available: 1946-50. Dec. 13, 47.22.

Cu-219. Humble Oil Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 7 S., R. 10 W. Records available: 1946-49. Measurement discontinued.

Cu-222. Hardy Johnson. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 9 S., R. 13 W. Records available: 1943-50.

Jan. 24	9.84	May 26	9.80	Sept. 6	17.47	Nov. 7	13.99
Mar. 23	9.74	June 27	10.54	26	17.79	Dec. 7	13.17
May 2	8.79	Aug. 3	13.67				

Cu-228. R. Boyer. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, T. 9 S., R. 12 W. Records available: 1944-50. Mar. 23, 20.16; June 26, 22.06; Sept. 26, 22.40; Dec. 14, 17.13.

Cu-240. Owner unknown. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, T. 9 S., R. 11 W. Records available: 1944-50. Mar. 23, 21.37; June 26, 22.73; Sept. 26, 28.05; Dec. 14, 26.15.

Cu-245. W. R. Keever. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 8 S., R. 10 W. Records available: 1945-50. Mar. 22, 8.81; June 26, 9.45; Sept. 26, 12.53; Dec. 14, 13.98.

Cu-256. Mathilda Gray. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 11 S., R. 12 W. Drilled domestic well, diameter 4 inches, depth 516 feet. Records available: 1950. Mar. 23, 11.03; June 26, 12.25; Sept. 26, 16.89; Dec. 14, 15.28.

Cu-262. Calcasieu Parish School Board. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 11 S., R. 10 W. Records available: 1944-49. Measurement discontinued.

Cu-267. Owner unknown. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 11 S., R. 8 W. Records available: 1944-50. Mar. 22, 23.44.

Cu-347. Amy Wait Estate. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 9 S., R. 7 W. Records available: 1946-50. Mar. 22, 28.26.

Cu-440. Calcasieu Parish Police Jury. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 10 S., R. 8 W. Records available: 1944-50.

Jan. 6	34.04	Mar. 13	31.01	May 15	30.24	July 17	37.94
13	33.86	20	30.64	22	31.23	24	39.40
18	33.62	27	30.49	29	32.28	31	40.73
27	33.40	Apr. 3	30.32	June 5	32.68	Aug. 7	41.09
Feb. 3	33.22	10	30.17	12	33.54	14	41.95
6	32.83	17	29.95	19	34.26	21	42.48
20	31.73	24	29.76	26	35.19	28	43.55
27	31.62	May 1	29.65	July 3	35.73	Sept. 4	43.64
Mar. 6	31.27	8	29.84	10	36.47	11	43.08

Cu-440--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 18	43.21	Oct. 16	41.13	Nov. 10	39.02	Dec. 8	37.24
25	42.70	24	40.26	17	38.52	15	36.91
Oct. 2	41.96	31	39.77	24	38.03	22	36.63
9	41.61	Nov. 7	39.23	Dec. 1	37.65	29	36.20

Cu-445. Cities Service Refining Corp. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 10 S., R. 9 W. Records available: 1945-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	58.3	57.5	54.4	55.7	53.6	59.3	67.5	67.2	69.2	70.9	66.4	66.3
2	58.2	58.3	54.3	54.5	54.4	59.5	67.7	67.5	69.6	70.6	66.9	66.3
3	58.1	58.5	55.2	55.2	54.4	58.6	68.4	68.0	70.3	70.7	67.3	65.9
4	58.3	57.8	55.9	55.7	54.7	59.0	66.0	67.9	70.2	70.3	67.3	64.8
5	58.3	57.4	56.8	56.1	55.4	59.1	65.9	68.2	70.5	69.1	67.1	65.3
6	58.4	57.7	55.8	56.3	55.0	59.3	66.4	68.8	70.7	69.0	66.8	65.4
7	58.3	57.5	56.0	55.7	55.2	58.0	66.3	69.1	70.3	68.5	66.8	65.3
8	58.4	57.3	56.1	55.4	55.5	58.4	66.2	69.3	70.2	68.8	66.8	65.5
9	58.6	57.2	56.4	54.4	55.8	58.0	66.0	69.4	70.3	68.9	66.8	65.6
10	58.6	57.5	56.1	55.3	56.1	60.0	66.3	69.6	70.7	68.8	67.0	65.1
11	59.0	57.8	56.0	55.8	56.3	60.6	66.1	69.9	70.7	68.5	66.7	65.0
12	59.0	57.7	56.1	55.8	56.7	61.0	66.2	70.0	71.0	68.7	66.7	62.8
13	58.6	57.9	56.4	55.6	56.7	60.7	65.8	69.8	71.2	68.6	66.5	63.9
14	58.6	57.8	56.6	54.7	55.8	61.0	66.1	69.9	71.6	68.2	66.4	62.9
15	58.3	57.5	56.6	54.4	56.8	61.4	65.8	69.9	71.8	68.1	65.9	64.0
16	58.3	57.5	56.6	53.3	57.1	61.3	....	70.0	71.9	68.1	65.9	63.6
17	58.2	57.2	56.6	53.7	56.6	61.9	66.1	69.2	71.8	68.1	66.2	63.1
18	58.4	57.3	56.8	54.6	56.5	61.7	66.1	69.8	71.5	67.8	66.1	63.8
19	58.1	57.3	56.4	54.5	56.7	62.6	66.0	69.7	71.6	67.6	66.0	62.6
20	58.2	57.2	56.4	55.1	56.9	62.9	66.7	69.4	71.6	68.0	65.9	62.3
21	58.1	57.0	56.5	55.3	56.4	61.2	66.8	69.2	71.3	68.0	65.9	62.3
22	57.9	57.0	56.8	55.2	57.2	62.8	66.8	68.5	71.1	67.7	65.5	61.7
23	58.0	56.6	56.5	54.6	57.4	62.5	66.9	68.7	71.3	67.4	65.6	62.9
24	57.7	56.5	55.5	54.6	57.9	63.4	67.2	68.7	71.3	67.7	66.0	63.5
25	57.7	56.6	55.2	54.9	58.6	63.5	66.9	68.9	71.3	67.9	66.4	63.6
26	57.7	55.5	54.4	53.4	57.8	63.2	66.8	68.7	71.2	68.4	66.3	63.5
27	58.3	54.8	56.4	53.5	57.7	63.5	67.1	69.0	69.4	68.2	65.9	63.7
28	58.5	54.4	56.6	53.6	58.0	64.0	67.3	69.7	70.6	68.0	65.5	64.1
29	58.5		57.1	53.2	58.4	63.6	67.2	70.5	71.0	67.9	65.9	64.0
30	59.0		56.5	54.0	58.6	63.9	67.4	70.4	71.0	67.8	66.0	63.8
31	59.0		55.9		59.0		67.3	69.7		67.5		63.7

Cu-446. Cities Service Refining Corp. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 10 S., R. 9 W. Records available: 1945-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	44.6	44.2	41.5	41.9	42.6	47.1	50.8	55.7	57.0	58.1	56.9	51.8
2	44.5	44.2	41.5	42.5	42.3	47.1	51.1	55.7	58.0	58.4	55.9	51.9
3	44.4	44.3	41.3	41.7	42.4	46.8	51.4	55.7	58.2	58.0	56.0	51.8
4	44.4	44.2	42.2	41.9	41.4	47.1	51.7	55.9	58.3	58.0	56.1	52.1
5	44.5	44.1	42.4	41.8	41.3	47.0	52.6	56.0	58.5	58.0	55.8	51.5
6	44.4	43.9	42.4	41.8	41.5	46.7	52.1	56.2	58.6	57.8	55.4	51.5
7	44.5	43.9	42.3	41.6	42.4	46.8	52.2	56.4	58.6	57.6	55.4	52.7
8	44.4	43.9	42.6	41.6	41.9	47.2	52.4	56.5	58.6	57.6	55.4	52.3
9	44.3	43.8	42.4	42.4	41.8	47.8	52.6	56.7	58.6	57.6	55.4	51.7
10	44.4	43.6	42.2	41.7	41.9	47.4	52.6	57.1	58.5	57.4	55.5	50.7
11	44.2	43.4	42.1	41.5	42.0	47.6	52.8	57.2	58.5	57.3	55.2	50.1
12	44.2	43.2	42.1	41.7	42.1	47.7	53.0	57.3	58.5	57.4	55.1	49.9
13	44.1	43.0	42.3	41.7	42.3	47.9	53.1	57.4	58.7	57.7	54.6	49.7
14	44.1	43.2	42.3	41.8	43.1	48.1	53.2	57.5	58.8	57.6	53.8	50.8
15	44.0	43.3	42.2	41.4	42.7	48.4	53.1	57.5	58.7	57.4	53.4	50.9
16	44.0	43.2	42.2	41.9	42.7	48.9	53.2	57.6	58.4	57.4	53.3	50.8
17	44.1	43.1	42.5	41.1	42.7	49.1	53.2	58.4	58.3	57.3	53.2	50.8
18	44.2	43.0	42.4	41.2	43.4	49.3	53.3	57.5	58.3	57.1	53.0	50.7
19	44.2	43.0	42.2	42.4	43.2	49.9	53.3	57.8	....	56.9	52.7	53.3
20	44.3	43.0	42.4	42.3	43.5	50.0	53.6	57.8	....	56.9	52.7	53.6
21	44.3	42.9	42.2	41.5	44.4	49.9	54.2	57.83	....	56.9	52.8	53.9
22	44.3	42.8	42.4	41.5	44.0	49.8	54.1	57.8	....	56.9	52.6	53.9

Cu-446--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
23	44.5	42.9	42.3	42.2	44.1	49.8	54.3	....	....	56.8	52.6	53.9
24	44.3	42.8	43.0	41.5	44.2	49.8	54.5	....	....	a56.84	52.7	51.1
25	44.3	42.7	43.3	40.6	44.4	49.9	54.6	....	....	56.8	52.9	50.6
26	44.6	42.0	44.0	40.5	45.6	50.4	54.8	....	58.5	....	52.7	50.3
27	44.5	41.8	42.1	40.5	46.1	50.5	54.9	....	59.1	....	52.7	50.2
28	44.4	41.5	42.0	40.3	46.3	50.6	55.0	....	58.5	....	52.5	50.0
29	44.3		42.0	40.0	46.6	50.4	55.1	56.5	58.2	....	52.0	49.9
30	44.2		42.1	42.0	46.9	50.7	55.2	56.3	58.2	....	51.8	49.9
31	44.3		41.9		47.0		55.5	56.3		a56.40		49.9

a Tape measurement.

Cu-451. Stanolind Oil & Gas Co. SW $\frac{1}{4}$ sec. 3, T. 11 S., R. 7 W. Records available: 1946-50. Mar. 22, 32.85; Sept. 28, 53.54; Dec. 13, 40.61.

Cu-453. Cooper Patterson. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 10 S., R. 10 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	33.18	Mar. 27	32.53	July 10	40.14	Nov. 7	37.10
27	33.03	Apr. 3	32.81	31	44.42	10	37.00
Feb. 3	33.13	11	32.09	Aug. 21	52.43	17	36.65
6	32.86	17	31.89	Sept. 18	51.26	24	36.44
13	32.75	24	31.85	25	42.77	Dec. 1	36.53
20	33.08	May 1	30.65	Oct. 2	40.53	8	35.97
Mar. 6	32.86	8	31.85	9	39.33	15	36.12
13	32.75	15	31.61	24	38.25	23	35.82
20	32.30	June 26	38.03	31	37.51	29	35.53

Cu-456. Paul Bellon. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 9 S., R. 8 W. Drilled irrigation well, diameter 12 inches, depth 436 feet. Records available: 1950. Mar. 22, 27.98; June 26, 32.35; Sept. 25, 38.40; Dec. 13, 33.46.

Cameron Parish

Cn-4. Union Sulphur Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 12 S., R. 10 W. Records available: 1945-50. Mar. 23, 6.42; June 26, 6.80; Sept. 28, 7.99; Dec. 12, 8.12.

Cn-8. Broussard Estate. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 12 S., R. 9 W. Records available: 1943-50. Mar. 22, 13.32; June 28, 15.75; Sept. 28, 20.45; Dec. 13, 17.97.

Cn-10. Hebert, Helms & Co. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, T. 12 S., R. 7 W. Records available: 1945-50. Mar. 22, 15.12; Sept. 28, 27.27; Dec. 13, 20.62.

Cn-16. Maple Hughes. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 12 S., R. 4 W. Records available: 1946-50. Mar. 21, 10.55; June 27, 12.67; Sept. 27, 16.83; Dec. 11, 14.52.

Cn-17. John Predia. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, T. 15 S., R. 8 W. Records available: 1946-50. Mar. 22, 14.60; June 28, 6.62; Sept. 28, 7.66; Dec. 13, 8.15.

Cn-19. Warren Miller. NW $\frac{1}{4}$ sec. 32, T. 14 S., R. 7 W. Records available: 1946-50. Mar. 22, 6.41; June 28, 4.13; Sept. 28, 7.01; Dec. 13, 8.29.

Cn-20. Julian East. SE $\frac{1}{4}$ SE $\frac{1}{4}$ irregular sec. 40, T. 14 S., R. 6 W. Records available: 1946-50. Mar. 22, 7.96; June 26, 7.89; Sept. 28, 8.11; Dec. 13, 8.54.

Cn-24. Peter Constance. T. 15 S., R. 11 W., at Holly Beach. Records available: 1949-50. Mar. 23, 0.59; June 29, 1.02; Sept. 28, 1.43; Dec. 13, 2.08.

Cn-27. Sweetlake Land & Oil Co. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 12 S., R. 7 W. Records available: 1949-50. Mar. 22, 22.01; June 28, 30.42; Sept. 28, 39.02; Dec. 13, 28.95.

Cn-28. A. M. Barb. S $\frac{1}{2}$ irregular sec. 31, T. 15 S., R. 10 W. Records available: 1949-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.4	10.5	....	10.4	....	10.9	10.9	10.8	10.5	11.1	11.5	11.8
2	10.4	10.6	....	10.3	....	10.3	11.0	10.8	10.5	10.8	11.4	11.7
3	10.4	10.9	....	10.2	....	10.0	10.9	10.9	10.3	10.8	11.2	11.6

Cn-28--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
4	10.4	10.8	10.5	10.2	....	10.5	10.8	11.0	10.2	10.9	12.0	11.5
5	10.4	10.7	10.7	10.6	....	10.5	10.8	10.9	10.4	11.0	12.0	11.4
6	10.4	10.5	....	10.5	....	10.4	11.0	10.9	10.4	11.0	11.9	11.2
7	10.4	10.5	....	10.4	....	10.4	11.0	10.8	10.5	10.9	11.7	11.7
8	10.4	10.4	11.0	10.4	....	10.4	11.0	10.8	10.6	11.0	11.4	11.5
9	10.4	10.3	10.7	10.4	....	10.4	10.8	a10.97	10.8	11.1	11.4	11.1
10	10.4	10.2	....	10.3	....	10.4	10.7	10.8	10.8	11.2	11.5	12.0
11	10.3	10.2	....	10.4	....	10.4	10.6	10.7	11.0	11.3	....	12.3
12	10.2	9.8	....	10.5	....	10.5	10.7	10.7	11.1	11.5	11.9	11.7
13	10.2	....	10.8	10.4	....	10.5	10.6	10.8	11.3	....	11.5	11.4
14	10.3	....	10.8	10.5	....	10.6	10.4	10.8	11.5	....	11.5	11.2
15	10.2	....	....	10.4	....	10.7	10.4	10.9	11.6	....	11.5	11.1
16	10.3	....	10.8	10.2	....	10.8	10.5	11.1	11.5	11.5	11.6	11.1
17	10.4	....	10.8	10.1	....	10.8	10.5	11.2	11.4	11.5	11.6	11.1
18	10.4	....	10.6	10.4	....	10.8	10.6	11.2	11.2	11.1	11.6	11.2
19	10.4	....	10.5	10.4	....	10.7	10.6	11.2	11.2	10.7	11.4	11.1
20	10.4	....	10.7	10.6	....	10.5	10.7	11.1	11.1	10.9	11.3	11.1
21	10.4	....	10.6	10.5	....	10.6	10.7	11.0	11.0	11.1	11.2	11.0
22	10.4	....	10.7	10.4	....	10.7	10.7	10.9	11.1	11.1	11.1	11.0
23	10.4	....	10.6	10.4	....	10.6	10.6	10.8	11.3	11.3	11.4	10.8
24	10.3	....	10.6	10.1	....	10.7	10.5	10.8	11.3	11.5	11.0	10.9
25	10.2	....	10.5	10.2	....	10.7	10.4	10.8	11.3	....	11.1	10.8
26	10.3	....	10.2	10.4	....	10.7	10.5	10.8	11.2	....	11.2	10.8
27	10.4	a10.38	10.1	10.4	....	10.8	10.6	10.8	11.3	....	11.6	10.9
28	10.4	....	10.4	10.3	....	10.9	10.7	10.7	11.1	....	11.6	10.9
29	10.4	....	10.6	10.2	10.8	10.9	10.8	10.5	11.2	....	12.0	11.0
30	10.4	....	10.8	....	10.7	10.8	10.7	10.4	11.2	a11.60	12.1	11.2
31	10.4	....	10.6	....	10.7	10.7	10.7	10.5	11.7	11.7	....	10.8

a Tape measurement.

Cn-41. Louisiana Department of Conservation. In irregular sec. 41, T. 15 S., R. 4 W. Drilled domestic and stock well, diameter 2 inches, depth 460 feet. Records available: 1950. Sept. 28, 2.22; Dec. 13, 2.78.

Cn-42. Louisiana Department of Conservation. In T. 15 S., R. 4 W. Unused drilled domestic well, diameter 4 inches, depth 460 feet. Records available: 1950. Sept. 28, 2.73; Dec. 13, 3.42.

Cn-44. Magnolia Petroleum Co. Sec. 23, T. 15 S., R. 13 W. Drilled unused industrial (oil refining) well, diameter 6 inches, depth 425 feet. Records available: 1950. Sept. 28, 7.23; Dec. 13, 6.60.

East Baton Rouge Parish

EB-4. Esso Standard Oil Co., Louisiana Division. N $\frac{1}{2}$ irregular sec. 44, T. 7 S., R. 1 W. Records available: 1944-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	153.8	142.4	126.6	131.8	.....	.....	172.3	.....	180.3	186.8	171.2	163.8
2	152.9	141.2	128.5	.....	.....	148.4	169.7	.....	184.2	186.5	169.1	161.3
3	153.5	140.6	128.5	.....	.....	147.6	168.7	a169.4	181.3	189.1	169.8	161.5
4	152.5	139.9	124.6	135.5	.....	148.1	169.4	168.4	181.0	186.4	.....	161.3
5	152.8	137.5	123.8	136.8	137.4	148.5	172.4	168.7	183.1	188.2	166.7	163.0
6	152.8	138.0	124.3	137.8	138.0	145.9	171.7	167.9	181.4	187.4	165.7	162.5
7	152.0	137.0	123.0	139.3	137.7	147.4	169.6	168.3	181.2	186.8	167.7	163.6
8	151.1	137.7	122.4	131.1	138.4	151.0	169.5	170.8	178.9	185.4	166.6	165.9
9	151.6	137.5	123.8	130.0	136.5	151.9	168.1	173.4	179.5	189.8	167.0	164.4
10	150.3	135.7	123.9	126.0	.....	147.4	169.8	174.6	179.1	189.1	164.9	161.2
11	146.0	136.0	121.7	127.0	139.0	149.5	168.2	171.2	178.7	185.4	163.0	160.3
12	149.0	138.3	121.2	128.5	137.1	149.7	169.4	170.8	182.4	186.3	161.8	158.9
13	147.9	137.2	121.3	132.1	138.2	150.5	167.8	.....	184.8	184.1	161.0	157.5
14	146.4	136.8	121.1	132.1	135.5	152.0	169.7	168.8	183.4	184.7	161.0	158.9
15	146.0	136.4	120.3	134.3	137.2	153.6	168.6	174.1	187.4	181.5	159.2	158.0
16	144.8	136.0	123.3	134.4	.....	156.0	169.9	173.7	187.5	180.4	160.7	154.4
17	145.1	136.3	124.7	.....	.....	160.2	167.8	173.2	183.4	181.6	159.8	153.1
18	142.9	134.4	123.7	131.8	.....	160.3	170.1	173.4	185.9	177.3	163.0	.....
19	144.3	135.0	127.0	132.0	.....	160.2	168.5	173.9	186.0	176.0	163.4	.....
20	144.7	135.1	126.7	133.9	141.0	163.1	170.9	172.0	185.1	175.0	165.7	.....

EB-4--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	142.5	.....	125.8	133.3	139.3	164.9	170.6	172.8	186.3	175.9	165.8	.....
22	141.6	.....	126.0	132.4	140.5	.....	168.3	177.4	185.7	171.5	165.8	147.4
23	139.7	a131.2	130.8	130.7	.....	a169.0	166.5	180.5	186.4	172.1	163.8	146.7
24	141.9	130.3	130.4	130.9	.....	171.0	168.3	182.3	187.4	173.3	163.4	146.1
25	142.7	128.5	129.6	132.4	.....	171.5	168.9	178.1	186.3	171.1	165.8	143.3
26	142.0	129.4	131.6	131.1	a143.8	171.2	169.3	177.9	185.9	170.2	166.6	145.0
27	143.6	126.9	131.7	132.3	.....	172.0	170.6	177.3	186.5	170.6	167.3	145.0
28	141.5	127.7	130.1	.....	.....	172.9	169.7	178.5	190.1	168.6	165.0	147.0
29	142.1	.....	130.1	.....	.....	171.5	168.7	179.8	188.2	170.4	164.6	a148.26
30	141.2	.....	131.8	.....	.....	173.6	167.5	180.9	188.2	170.1	165.0	147.1
31	141.2	.....	134.3	.....	.....	.....	.....	.....	.....	169.2	.....	144.3

a Tape measurement.

EB-15. Esso Standard Oil Co., Louisiana Division. N $\frac{1}{2}$ irregular sec. 44, T. 7 S., R. 1 W.
Records available: 1944-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	152.4	151.5	138.2	135.7	.....	158.5	169.3	171.5	181.4	186.0	173.4	171.2
2	151.5	151.1	138.1	136.2	.....	158.5	167.4	172.2	182.7	186.1	173.3	170.9
3	150.9	151.0	137.1	137.3	.....	157.7	167.4	172.5	181.9	187.7	173.9	169.2
4	150.8	150.5	135.2	137.0	a148.35	157.6	167.3	173.4	181.6	186.2	171.8	169.3
5	152.2	150.0	135.1	137.6	147.8	157.4	169.2	173.5	182.0	187.6	171.2	171.7
6	153.1	150.1	134.8	137.2	148.4	156.5	168.7	172.8	181.7	187.1	172.1	172.4
7	151.2	149.6	134.5	137.8	149.7	158.0	.....	173.9	181.6	187.7	172.4	177.0
8	151.2	148.6	.....	136.7	150.1	158.7	167.5	174.8	180.5	187.2	172.3	176.9
9	151.2	148.6	134.2	138.8	152.8	158.8	167.6	176.4	180.9	188.6	172.6	176.5
10	150.0	148.0	134.0	136.8	153.1	156.5	167.4	175.8	180.7	188.6	171.6	175.7
11	148.8	148.0	133.3	136.5	154.0	158.2	167.0	175.3	180.4	186.8	171.4	174.6
12	149.0	148.8	133.5	136.8	154.2	158.7	167.4	175.5	182.7	186.3	171.1	173.7
13	148.8	147.0	133.4	138.8	153.2	159.2	166.5	174.3	183.9	184.6	171.6	172.7
14	147.5	147.1	132.9	138.2	152.4	161.1	167.3	173.9	184.9	184.5	172.2	172.4
15	146.5	147.0	132.7	139.5	153.1	162.1	166.8	176.1	184.8	183.1	170.6	170.9
16	145.7	145.5	133.6	139.6	152.9	163.4	172.2	176.1	184.3	182.3	170.4	169.2
17	145.6	146.3	.....	139.2	153.1	165.2	172.3	175.6	183.5	182.2	170.4	167.1
18	.....	145.4	.....	138.0	151.3	165.8	173.8	175.5	183.4	179.2	172.9	166.1
19	.....	145.3	.....	138.3	151.8	166.1	174.5	175.9	183.5	177.9	173.7	167.3
20	.....	145.5	.....	138.3	154.0	167.0	173.3	175.7	183.4	176.9	174.9	167.6
21	.....	.....	.....	138.7	154.3	167.3	174.7	177.0	184.8	176.6	174.8	167.6
22	.....	.....	.....	138.4	154.3	168.3	175.3	178.8	185.0	175.7	175.2	167.4
23	.....	a142.3	135.3	138.1	153.9	169.0	174.5	180.3	185.5	175.7	172.7	167.0
24	.....	141.7	134.7	138.0	155.1	169.8	174.7	181.1	185.5	175.5	172.7	166.8
25	152.4	140.7	134.3	139.0	156.3	169.9	175.2	179.6	185.4	174.6	173.3	166.0
26	152.2	140.2	135.7	138.7	157.0	169.4	175.0	178.8	185.5	174.2	173.4	165.7
27	152.6	138.6	135.5	139.0	157.0	170.2	173.1	178.7	185.1	173.6	173.4	165.7
28	152.1	138.9	134.6	140.1	157.9	170.2	173.0	179.4	187.4	173.3	171.8	165.9
29	152.6	.....	134.8	143.9	158.0	169.3	172.3	180.2	186.0	173.8	172.5	166.0
30	151.9	.....	135.7	144.7	156.5	170.4	172.0	180.0	186.7	173.1	172.4	164.8
31	151.9	.....	136.7	.....	158.2	.....	172.0	180.0	.....	172.5	.....	165.0

a Tape measurement.

EB-20. Esso Standard Oil Co., Louisiana Division. Irregular sec. 43, T. 7 S., R. 1 W.
Records available: 1944-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	157.6	145.6	127.9	135.4	137.3	150.4	175.2	171.9	184.2	191.2	173.8	167.6
2	156.8	145.0	129.2	134.5	137.3	150.2	172.6	175.0	186.8	191.0	171.9	165.9
3	156.3	145.1	129.3	138.4	139.4	148.8	171.3	174.5	184.7	192.7	173.4	165.5
4	156.3	144.4	126.3	138.8	139.9	149.0	171.9	173.5	184.4	190.6	171.8	165.1
5	158.0	142.4	125.5	137.7	140.8	149.7	174.0	173.7	185.7	191.4	168.9	168.2
6	156.7	141.5	125.7	138.2	141.3	147.1	173.6	173.7	185.1	191.8	168.0	167.5
7	155.4	140.8	124.8	140.3	142.2	148.2	174.6	174.4	184.6	190.5	169.6	.....
8	154.8	142.2	124.4	136.8	142.5	150.1	173.0	176.5	183.6	189.8	168.8	169.4
9	154.0	141.7	125.5	135.9	140.5	151.9	176.2	178.3	184.1	193.7	169.3	167.6
10	153.1	140.5	125.1	134.1	143.6	148.6	172.2	180.0	183.6	191.5	168.2	166.2

EB-20--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	152.3	139.5	127.0	133.8	144.0	149.9	171.9	176.1	183.6	187.3	167.3	164.6
12	154.5	141.2	126.4	134.2	142.3	150.2	172.3	175.8	185.6	187.1	166.5	163.5
13	151.5	138.2	126.5	136.2	143.1	152.6	170.9	174.4	186.7	186.3	165.8	161.6
14	150.2	141.4	126.6	136.5	140.6	157.3	171.0	174.2	190.3	186.1	166.0	161.4
15	150.0	141.0	125.6	137.5	141.7	157.1	172.0	178.5	190.7	182.8	165.6	161.6
16	148.9	140.7	127.3	137.4	141.5	159.5	172.6	177.4	191.5	181.6	164.3	158.5
17	148.6	.....	129.3	136.4	143.1	163.7	173.8	178.8	187.2	183.0	165.7	156.8
18	147.6	.....	128.8	136.7	147.2	163.5	172.7	178.9	188.8	179.9	169.3	155.7
19	148.0	.....	130.1	136.8	148.2	163.5	174.8	179.4	188.6	178.6	169.8	158.1
20	148.7	.....	130.7	137.9	147.0	166.3	174.0	177.3	188.6	175.1	171.3	156.9
21	146.4	.....	129.9	137.7	145.6	168.6	176.0	177.9	189.3	175.9	171.3	154.7
22	146.2	.....	130.1	136.9	144.9	170.7	173.6	180.9	190.3	172.5	170.0	153.6
23	144.3	a132.6	132.5	135.0	143.8	173.1	172.2	183.3	189.9	172.0	167.9	152.9
24	145.1	131.3	133.8	135.4	144.1	173.3	173.4	185.0	191.1	173.7	167.3	152.5
25	147.2	129.6	132.7	136.9	145.6	173.6	173.6	182.9	189.5	172.2	169.5	150.6
26	146.6	130.4	133.9	134.6	147.6	173.4	173.4	182.8	189.4	172.6	170.0	150.7
27	146.9	128.0	134.1	135.8	148.8	174.2	173.4	181.5	189.6	173.0	170.5	151.5
28	144.8	128.6	133.4	138.5	147.8	174.8	174.4	182.1	192.8	171.4	169.0	.....
29	145.3	.....	133.2	139.7	147.0	173.0	174.5	182.8	191.3	173.0	168.2	.....
30	144.3	.....	135.0	137.0	148.4	175.3	172.7	184.4	192.3	172.8	168.6	153.7
31	146.8	.....	136.7	.....	149.6	.....	172.3	183.4	.....	171.0	.....	151.8

a Tape measurement.

EB-22. Esso Standard Oil Co., Louisiana Division. At Baton Rouge refinery, southwest of tank 784. Records available: 1940-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	163.0	151.5	.....	137.0	145.1	155.9	173.6	171.0	181.6	188.0	170.4	170.6
2	162.4	151.6	136.5	137.7	144.7	155.1	172.5	172.0	.....	186.6	170.9	168.9
3	161.8	151.5	135.8	136.4	145.9	.....	171.9	172.4	180.8	188.3	170.1	169.7
4	161.5	151.4	134.0	138.6	143.9	155.4	172.4	171.5	180.4	187.8	168.6	170.1
5	161.7	157.0	133.4	141.4	144.4	157.2	173.1	172.5	181.0	188.0	167.0	174.3
6	161.6	152.5	134.0	140.1	145.9	154.9	172.1	172.6	180.7	187.1	166.1	175.4
7	161.2	152.8	.....	138.2	147.3	155.7	173.1	172.9	180.5	188.1	166.2	171.1
8	158.5	151.2	.....	138.7	150.0	157.2	173.4	174.0	181.9	188.4	167.0	170.8
9	158.1	.....	a136.69	138.5	151.0	156.8	171.4	175.5	181.4	189.1	167.6	170.4
10	157.4	.....	134.8	139.5	151.9	157.3	171.6	175.1	181.0	187.5	168.8	169.5
11	.....	.....	134.7	141.8	152.0	157.0	171.8	175.8	181.1	183.9	168.6	168.6
12	.....	.....	135.0	142.1	152.2	157.2	172.4	174.3	.....	182.9	168.6	167.7
13	158.0	a148.2	134.9	142.0	151.2	157.9	172.2	173.1	.....	182.1	168.6	167.2
14	159.1	.....	.....	142.7	148.3	162.1	171.9	172.5	.....	181.2	169.0	168.1
15	156.2	.....	.....	140.3	147.3	.....	171.4	173.3	a185.0	179.4	168.5	167.1
16	156.8	.....	.....	141.1	148.2	a164.9	171.8	174.2	185.6	178.7	168.2	.....
17	157.8	.....	128.1	140.3	150.1	165.9	171.2	174.8	183.6	178.6	168.4	.....
18	158.0	.....	128.7	140.6	.....	166.2	173.6	174.8	184.7	177.0	170.9	.....
19	158.0	.....	.....	140.8	a151.4	166.3	174.1	.....	184.0	.....	170.9	.....
20	154.7	.....	.....	142.2	150.8	167.4	174.6	.....	185.2	.....	171.7	.....
21	153.5	.....	.....	142.7	152.2	.....	174.6	.....	186.0	174.9	172.0	.....
22	153.0	.....	.....	142.3	152.9	.....	172.8	.....	186.2	173.5	171.1	163.5
23	152.0	a144.1	130.4	142.6	152.7	171.6	172.1	.....	187.3	173.4	169.5	161.8
24	152.0	144.7	131.3	142.7	154.7	171.0	172.0	.....	186.7	171.0	169.7	162.0
25	152.6	.....	132.1	143.3	156.4	170.9	172.3	178.3	186.0	169.9	170.2	161.4
26	152.2	.....	134.2	142.9	158.4	170.9	172.0	178.3	187.2	170.8	170.2	160.1
27	152.3	.....	134.6	142.7	156.0	171.6	172.4	177.8	188.3	170.4	168.3	160.0
28	151.4	.....	134.8	142.2	156.2	171.9	172.2	177.7	.....	171.6	169.8	160.3
29	150.8	.....	134.9	145.5	156.7	171.5	172.2	177.9	187.9	170.2	169.5	159.1
30	150.7	.....	135.3	145.8	155.3	173.3	171.5	179.3	188.5	170.0	171.0	160.5
31	152.8	.....	134.6	.....	155.4	.....	170.5	180.9	.....	169.3	.....	162.0

a Tape measurement.

EB-28. Esso Standard Oil Co., Louisiana Division. At Baton Rouge refinery, southwest of tank 177. Records available: 1944-50.

EB-28--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30.6	30.1	30.1	31.4	30.7	32.5	35.6	....	35.3	35.4	36.2	33.6
2	30.5	30.1	30.1	31.4	30.8	32.7	35.6	....	35.3	35.3	36.2	33.5
3	30.6	30.2	30.1	31.4	30.7	32.7	35.4	a35.8	35.3	35.3	36.1	33.4
4	30.7	30.2	30.0	31.4	30.7	32.5	35.5	35.9	35.3	35.2	36.0	33.4
5	30.7	30.0	30.1	31.5	30.7	32.4	35.6	36.1	35.4	35.3	35.8	33.5
6	30.7	29.9	30.1	31.5	30.8	32.7	35.8	36.0	35.3	35.2	35.7	33.6
7	30.7	29.9	30.0	31.5	30.6	32.4	35.0	36.1	35.2	35.4	35.8	33.6
8	30.6	29.9	30.0	31.4	30.7	32.4	....	36.0	35.1	35.5	35.7	33.9
9	30.4	29.9	30.2	31.4	31.0	32.5	....	35.7	35.0	35.5	35.8	33.9
10	30.4	29.9	30.3	31.3	31.2	32.6	....	35.7	34.9	35.5	35.7	33.8
11	30.4	29.9	30.3	31.3	31.4	32.8	....	35.5	34.9	35.7	35.5	33.7
12	30.2	29.9	30.0	31.3	31.4	32.8	....	35.3	35.0	35.9	35.3	33.6
13	30.3	29.9	29.9	31.2	31.1	33.0	36.9	35.2	35.2	36.2	35.1	33.6
14	30.4	30.0	30.1	31.2	30.8	33.3	37.1	35.2	35.3	36.4	35.1	33.5
15	30.3	30.1	30.2	31.2	30.7	33.7	37.1	35.4	35.5	36.5	35.0	33.3
16	30.3	30.2	30.1	31.0	30.9	34.0	37.0	35.3	35.5	36.6	34.8	33.2
17	30.2	30.2	30.2	30.8	31.3	34.3	37.0	35.3	35.5	36.7	34.8	33.1
18	30.2	30.3	30.2	30.7	31.3	34.4	37.1	35.3	35.5	36.5	34.5	33.0
19	30.3	30.3	30.3	30.7	31.4	34.6	37.1	35.3	35.7	36.1	34.2	33.3
20	30.4	30.2	30.2	30.8	31.6	34.8	37.1	35.3	35.8	36.0	33.7	33.4
21	30.4	....	30.3	30.7	31.7	34.9	37.1	35.1	35.8	36.1	33.7	33.5
22	30.4	....	30.5	30.7	31.8	35.1	37.1	35.2	35.9	36.2	33.8	33.5
23	30.3	a30.2	30.7	30.6	31.9	35.0	36.9	34.9	35.9	36.2	33.8	33.6
24	30.3	30.2	30.8	30.4	31.8	35.2	36.6	35.0	35.8	36.3	33.8	33.4
25	30.3	30.1	30.9	30.4	32.0	35.4	36.6	35.2	35.7	36.2	33.8	33.2
26	30.3	30.1	31.0	30.5	a32.4	35.3	36.5	35.1	35.9	36.1	33.8	32.7
27	30.2	30.1	31.0	30.5	32.6	35.4	36.5	35.0	35.9	36.2	33.7	32.8
28	30.0	30.1	31.0	30.7	32.7	35.5	36.3	34.8	35.8	36.1	33.7	32.8
29	29.9		31.2	30.7	32.7	35.6	36.0	35.1	35.7	36.2	33.6	32.6
30	30.0		31.4	30.7	32.7	35.6	....	35.2	35.5	36.1	33.8	32.6
31	30.1		31.5		32.4		....	35.3		36.2		32.7

a Tape measurement.

EB-29. Esso Standard Oil Co., Louisiana Division. At Baton Rouge refinery, southwest of tank 754. Records available: 1948-50. Measurement discontinued after Mar. 2, 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	26.15	Jan. 18	26.00	Feb. 1	25.57	Feb. 23	25.58
11	25.67	25	25.86	8	25.58	Mar. 2	25.60

EB-32. Esso Standard Oil Co., Louisiana Division. At Baton Rouge refinery, southwest of tank 715. Records available: 1949-50. Measurement discontinued after Mar. 20, 1950.

Jan. 4	191.96	Jan. 18	197.30	Feb. 1	193.04	Feb. 23	55.49
11	195.77	25	192.09	8	143.52	Mar. 20	55.79

EB-89. Baton Rouge Water Works Co., well 3. At Lula Ave. pump station. Records available: 1947-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35.0	34.4	34.0	34.1	34.5	....	44.8	44.3	38.8	....	44.7	36.5
2	34.8	34.4	34.0	34.1	34.6	....	44.9	44.0	38.6	....	44.7	36.2
3	34.7	34.4	33.9	34.0	34.6	37.3	44.9	....	38.6	....	39.9	36.1
4	34.5	34.4	33.9	34.0	34.6	36.6	....	44.1	38.6	....	39.2	40.5
5	34.5	34.1	33.9	34.3	34.7	41.5	....	44.0	38.7	....	38.9	36.5
6	34.5	34.0	33.8	34.4	34.8	37.0	....	43.5	38.6	....	43.3	39.6
7	34.6	34.1	33.9	34.2	34.8	36.3	45.1	43.9	....	....	42.5	40.4
8	34.6	34.0	34.0	34.1	40.0	36.3	45.4	37.0	a38.46	....	39.3	36.9
9	34.4	34.1	34.1	34.0	40.5	36.3	45.4	43.5	....	....	42.9	36.5
10	34.4	34.0	34.1	34.0	41.2	42.0	45.5	39.0	....	....	38.8	36.3
11	34.3	33.9	33.9	34.0	41.6	42.2	45.5	....	....	....	38.3	36.1
12	34.3	33.9	31.2	34.1	a36.1	43.2	45.4	38.3	....	....	38.0	36.1
13	34.3	33.7	33.5	34.2	35.5	43.7	45.3	38.1	....	a47.71	37.8	36.2
14	34.3	34.0	33.7	34.2	35.1	44.3	45.0	42.8	....	....	38.3	36.0
15	34.2	34.2	33.7	34.2	35.0	45.3	45.1	38.5	....	....	37.7	35.9

EB-89--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	32.7	34.2	33.7	34.2	40.4	45.9	45.0	38.2	....	....	41.9	35.9
17	34.0	34.3	33.8	34.0	40.8	46.5	45.1	38.0	....	....	38.3	35.8
18	34.2	34.3	33.8	34.0	41.2	46.5	45.1	38.6	....	....	37.4	40.7
19	34.2	34.2	33.8	34.1	41.5	47.3	45.1	38.5	....	....	37.1	40.4
20	34.3	34.1	33.7	34.2	....	47.7	44.7	38.5	....	a44.18	37.0	41.6
21	34.3	....	33.8	34.3	....	48.2	44.6	....	....	....	36.9	39.2
22	34.3	....	33.9	34.3	....	48.5	44.6	....	....	....	36.6	41.0
23	39.0	a34.2	34.0	34.2	....	44.0	39.8	....	....	....	36.5	36.1
24	34.5	34.1	34.0	34.1	....	44.3	44.2	....	....	....	36.4	35.7
25	34.4	34.0	34.0	34.2	....	40.2	44.6	a34.32	....	....	36.5	35.3
26	34.5	34.0	33.9	a34.3	....	44.3	44.4	....	....	....	36.4	38.8
27	34.4	34.0	33.8	34.3	....	44.8	44.5	....	....	44.1	36.3	39.5
28	34.1	34.0	33.7	34.4	....	44.6	44.4	....	....	47.0	36.2	34.4
29	34.1	....	34.2	34.4	....	44.7	44.3	....	....	39.5	40.6	33.8
30	39.4	....	34.4	34.4	....	45.4	44.0	....	....	41.0	40.8	38.0
31	34.5	....	34.3	....	....	....	44.2	....	....	44.5	....	37.7

a Tape measurement.

EB-90. Baton Rouge Water Works Co., well 8. At Lula Ave. pump station. Records available: 1947-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17.7	13.6	....	4.3	10.1	13.6	29.8	28.3	a32.05	36.7	31.6	26.6
2	17.8	13.5	a10.51	3.9	10.9	13.0	29.4	28.3	32.0	36.2	31.1	31.1
3	18.1	13.6	10.3	3.4	11.3	15.6	29.1	28.8	32.2	36.3	31.0	25.8
4	18.4	13.4	9.8	3.3	11.6	16.2	26.2	32.5	31.3	36.5	30.8	29.6
5	18.3	13.3	9.4	3.7	12.3	16.2	28.0	32.9	32.5	34.2	30.7	30.1
6	18.1	12.7	8.9	4.2	12.8	16.7	27.6	30.0	31.5	a35.44	30.0	27.9
7	18.2	12.7	9.0	4.4	13.0	....	25.6	31.1	31.0	36.7	29.8	30.8
8	17.0	12.8	9.4	4.4	12.7	....	28.1	30.5	35.0	36.3	29.9	31.4
9	17.5	14.5	9.3	4.4	13.0	....	25.1	31.1	35.1	....	30.0	31.5
10	17.8	12.5	8.9	....	13.4	17.7	24.6	30.7	34.9	....	29.9	31.0
11	....	12.2	8.4	....	13.9	17.9	27.8	....	34.8	....	29.6	29.9
12	....	11.8	8.2	....	....	17.2	24.4	....	35.1	....	29.6	25.7
13	....	11.3	7.6	a7.21	14.4	18.0	24.4	....	34.7	a36.63	29.4	25.3
14	....	11.3	7.5	7.0	14.0	19.2	29.2	....	32.7	....	29.5	....
15	....	11.4	7.3	6.7	13.6	18.8	28.5	....	34.1	....	29.9	....
16	....	11.7	7.0	5.5	....	19.8	28.0	....	36.6	....	....	24.1
17	....	11.9	7.0	4.8	....	21.1	27.9	....	35.7	....	....	23.4
18	....	12.0	6.8	6.5	....	22.2	28.4	a34.59	....	....	29.9	25.4
19	15.9	11.8	6.5	6.6	a13.7	24.2	26.7	....	....	....	30.1	25.9
20	15.9	....	5.8	7.6	13.6	22.3	27.3	....	....	....	29.8	25.3
21	15.6	....	5.9	7.9	13.2	22.2	30.5	....	....	....	30.1	24.9
22	15.3	....	5.9	8.3	12.7	24.6	30.3	....	a37.29	....	30.4	a25.00
23	14.7	a11.2	5.8	8.5	12.2	26.4	29.2	....	37.2	....	30.3	22.1
24	14.9	11.4	5.7	7.9	11.8	23.4	29.5	....	34.5	....	30.0	24.7
25	14.9	11.5	5.6	8.2	11.9	23.2	27.6	a34.74	36.1	....	31.0	24.6
26	14.7	11.3	5.2	7.8	13.7	25.4	27.3	....	36.2	....	29.0	24.0
27	14.5	10.6	4.5	10.3	13.8	26.1	27.4	....	....	32.5	30.5	....
28	14.2	10.6	4.5	10.8	13.7	24.9	28.1	....	....	32.3	30.4	....
29	13.8	....	....	9.7	12.6	25.8	28.2	....	a37.46	32.0	30.9	24.2
30	13.1	....	4.7	9.8	11.8	29.5	27.8	....	37.2	31.5	31.0	21.5
31	13.4	....	4.6	....	13.5	....	29.5	....	....	31.4	....	21.2

a Tape measurement.

EB-117. Westdale Country Club. 50 feet southeast of swimming pool. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	6.98	Mar. 2	6.20	Apr. 20	6.30	June 9	6.71
11	6.88	9	6.03	27	6.26	17	6.93
18	6.66	17	5.97	May 4	6.26	22	7.30
25	6.61	23	5.96	12	6.57	30	7.74
Feb. 1	6.52	30	6.10	19	6.49	July 7	8.13
8	6.45	Apr. 6	6.17	26	6.62	13	8.42
27	6.20	13	6.29	June 2	6.71	20	8.77

EB-117--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 27	8.95	Sept. 8	9.33	Oct. 20	9.85	Dec. 1	9.63
Aug. 3	9.00	15	9.50	27	9.91	8	9.28
11	9.09	22	9.73	Nov. 3	9.97	15	9.11
18	9.13	29	9.71	10	10.10	22	9.05
25	9.22	Oct. 6	9.65	17	10.20	29	8.59
Sept. 1	9.20	13	9.72	22	9.88		

EB-123. City of Baton Rouge. At City Park swimming pool. Records available: 1947-49. Measurement discontinued.

EB-125. People's Ice & Fuel Co. Baton Rouge, 1931 Railroad Ave. Records available: 1940-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 13	133.33	Nov. 10	119.33	Dec. 1	98.80	Dec. 22	87.65
27	128.90	17	100.17	8	96.59	29	83.65
Nov. 3	126.70	22	97.08	15	91.69		

EB-128. Ice Service, Inc. Baton Rouge, 135 S. 15th Street. Records available: 1944-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	94.3	84.6	78.5	75.7	76.9	78.8	....	96.2	98.4	102.2	100.3	....
2	93.9	....	78.4	75.8	76.9	....	....	96.2	98.5	102.3	100.1	95.8
3	93.5	....	79.1	75.8	77.0	79.4	....	96.2	98.7	102.4	100.0	95.5
4	93.2	....	78.8	75.9	77.1	....	....	96.4	98.8	102.4	100.0	95.4
5	93.0	....	78.7	76.2	77.0	....	....	96.5	98.9	102.6	99.9	95.2
6	92.7	....	78.5	76.5	77.1	....	....	96.5	99.1	102.6	99.7	94.9
7	92.5	....	78.3	76.7	77.2	....	91.3	96.6	99.2	102.6	99.6	94.9
8	92.2	....	78.2	76.9	77.2	....	91.6	96.6	99.3	102.6	99.6	94.7
9	91.8	82.7	78.2	77.0	77.3	....	92.0	96.8	99.3	102.6	99.6	94.7
10	91.5	82.5	....	77.0	77.4	81.4	92.3	96.9	99.4	102.6	99.6	94.6
11	91.2	82.3	....	77.0	77.4	81.7	92.6	97.13	99.5	102.7	99.0	94.6
12	90.9	81.9	....	77.0	....	81.9	93.0	97.2	99.5	102.8	98.8	94.4
13	90.5	81.6	....	77.0	77.4	82.1	93.4	97.3	99.6	102.9	98.6	94.3
14	90.2	81.4	....	77.0	77.3	82.4	93.7	97.4	99.6	103.0	98.4	94.2
15	89.9	81.3	....	76.9	77.2	82.6	94.0	97.5	99.7	103.0	98.2	94.0
16	89.5	81.1	....	76.8	77.2	82.9	94.3	97.5	99.9	103.0	98.1	92.9
17	89.1	81.0	....	76.6	77.2	....	94.4	97.5	100.1	....	97.9	93.7
18	88.7	80.9	....	76.6	77.2	....	94.7	97.7	100.2	....	97.7	93.5
19	88.6	80.7	....	76.6	77.2	....	94.9	97.7	100.3	102.2	97.7	93.3
20	88.4	80.4	....	76.6	77.4	....	95.1	97.7	100.4	102.2	97.2	93.1
21	88.1	....	....	76.6	77.5	....	95.3	97.7	100.6	102.1	....	92.9
22	87.6	....	....	76.6	77.5	....	95.5	97.8	100.7	101.9	101.97	92.6
23	87.4	79.7	....	76.6	77.5	85.5	95.7	97.8	100.9	101.8	....	92.3
24	86.9	79.6	....	76.4	77.6	86.1	95.8	97.9	101.0	101.6	....	92.0
25	86.6	79.4	....	76.4	77.7	86.6	95.9	98.0	101.1	101.5	....	91.5
26	86.4	79.2	....	76.5	77.8	87.0	95.9	98.0	101.3	....	....	91.2
27	86.0	78.9	....	76.6	78.0	....	96.0	98.1	101.4	101.2	....	90.9
28	85.6	78.7	....	76.7	78.1	....	96.0	98.1	101.7	101.0	....	90.5
29	85.4	....	....	76.8	78.2	....	96.1	98.1	101.9	100.9	....	90.2
30	85.1	....	75.6	76.8	78.4	....	96.1	98.1	102.1	100.6	....	90.1
31	84.8	....	75.6	78.5	....	....	96.1	98.2	....	100.4	....	89.9

a Tape measurement.

EB-160. Southern University Blind Institute. Scotlandville, 30 feet northwest of main building. Records available: 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	12.88	Apr. 13	14.20	July 13	16.91	Oct. 13	18.09
11	12.78	20	13.75	20	17.51	20	18.04
18	12.59	27	13.55	27	17.22	27	18.16
25	11.14	May 4	13.90	Aug. 3	16.49	Nov. 3	18.48
Feb. 1	12.16	12	13.53	11	16.70	10	18.43
8	12.05	19	13.10	17	17.23	17	18.15
27	12.14	26	13.18	25	17.01	22	17.61
Mar. 2	12.21	June 2	13.73	Sept. 1	16.99	Dec. 1	17.43
9	12.52	9	13.95	8	16.75	8	17.05
17	13.65	17	14.68	15	16.80	15	16.90
23	13.61	22	15.52	22	17.20	22	16.63
30	11.25	30	16.11	29	17.23	29	16.53
Apr. 6	14.65	July 7	16.13	Oct. 6	17.36		

EB-172. East Baton Rouge Recreation Commission. Sec. 54, T. 5 S., R. 1 E. Records available: 1948-50. Measurement discontinued after Feb. 27, 1950. Jan. 4, 57.54; Jan. 11, 56.68; Jan. 18, 55.86; Jan. 25, 54.89; Feb. 1, 53.85; Feb. 8, 53.40.

EB-242. Louisiana State University. Sec. 74, T. 8 S., R. 1 W. 0.6 mile south of Arlington. Records available: 1945-49. Measurement discontinued.

EB-283. Town of Zachary. Southwest of reservoir, at water plant in town. Records available: 1943-47, 1950. June 14, +17.3; Sept. 14, +2.7.

EB-289. Istrouma Water Co. Irregular sec. 50, T. 6 S., R. 1 W., 60 feet west of Highway 61-65. Records available: 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	17.02	Apr. 13	16.57	July 13	20.63	Oct. 6	20.91
11	16.80	20	16.49	20	20.84	13	21.20
18	16.28	27	16.83	27	20.70	20	22.36
25	16.18	May 4	16.86	Aug. 3	20.35	27	21.81
Feb. 1	15.78	12	17.48	11	20.67	Nov. 3	21.27
8	15.83	19	17.58	18	20.01	10	20.74
27	15.98	26	18.96	25	20.84	17	18.98
Mar. 2	16.66	June 2	18.45	Sept. 1	21.85	22	18.33
9	16.35	9	18.36	8	21.34	Dec. 1	17.93
17	16.19	17	19.70	15	21.24	8	18.53
23	16.36	22	19.93	22	22.08	15	17.78
30	16.76	30	20.86	29	20.93	22	17.59
Apr. 6	16.75	July 7	20.63				

EB-293. Consolidated Chemical Industries, Inc. Sec. 37, T. 6 S., R. 1 W., in pump-house at plant. Records available: 1944-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	120.4	.....	94.7	98.6	99.6	111.7	138.0	139.9	153.3	160.9	135.5	130.3
2	119.6	.....	95.4	98.2	99.1	112.6	137.7	140.8	154.0	160.6	136.3	131.1
3	118.8	.....	95.4	98.5	98.9	113.2	137.0	140.9	152.6	160.7	136.2	131.8
4	118.5	.....	95.0	99.2	99.7	113.7	137.3	140.8	152.0	159.4	136.0	132.2
5	118.1	.....	94.5	100.0	100.1	114.2	137.7	140.7	152.2	158.6	135.0	132.3
6	118.1	.....	94.0	100.9	100.7	114.2	138.4	141.0	152.7	158.7	133.3	132.3
7	117.9	.....	93.7	101.6	101.5	113.8	138.6	140.9	152.3	158.3	132.9	132.3
8	117.3	101.8	93.4	101.4	101.7	114.8	139.0	141.5	151.9	157.9	132.6	132.2
9	116.1	101.7	93.6	100.3	101.4	115.6	138.5	142.4	151.9	157.8	132.4	132.2
10	115.4	101.5	93.7	99.3	101.3	116.9	138.2	143.0	151.2	157.1	132.0	132.3
11	114.7	100.7	93.5	98.2	101.1	117.0	138.6	143.0	150.8	150.9	131.6	132.4
12	114.3	100.4	93.0	97.9	100.9	117.2	139.0	142.6	151.0	.....	130.9	132.8
13	113.8	100.7	92.5	97.6	100.2	116.9	138.9	142.3	152.4	147.0	130.3	133.8
14	113.0	100.9	92.1	98.1	99.8	120.8	139.0	142.0	153.7	145.9	129.7	134.5
15	.....	100.9	91.7	98.2	99.4	121.4	139.4	142.9	154.4	144.6	129.4	.....
16	.....	100.8	91.6	98.4	99.6	123.1	139.9	143.8	155.9	143.3	129.1	.....
17	.....	100.7	92.3	98.4	99.8	124.4	140.0	144.3	156.8	142.4	128.7	.....
18	.....	100.4	93.0	98.3	101.6	125.9	140.9	146.5	157.0	141.5	129.8	.....
19	110.0	99.9	93.3	98.3	103.8	126.7	.....	147.7	158.1	140.7	130.2	.....
20	110.0	99.6	93.9	98.6	103.7	127.5	.....	148.2	159.5	139.8	130.6	.....
21	109.5	.....	94.4	98.9	103.1	129.0	141.0	148.3	159.9	.....	131.2	.....
22	108.8	.....	94.2	98.7	102.8	131.7	141.4	148.8	160.5	.....	131.0	.....
23	107.9	a98.6	94.5	98.5	102.3	134.0	140.7	.....	161.3	.....	130.6	.....
24	107.1	97.8	95.4	98.1	102.2	135.6	140.4	.....	161.2	.....	130.5	115.1
25	107.2	96.9	96.2	98.1	102.5	136.5	138.9	.....	161.4	.....	130.3	115.1
26	107.3	96.3	96.4	98.1	103.7	136.2	140.0	.....	161.7	.....	130.4	115.1
27	107.1	95.7	96.8	98.6	105.3	136.5	140.4	.....	161.7	136.6	130.7	115.1
28	106.7	95.0	97.4	99.1	106.3	137.0	140.6	.....	161.8	136.5	130.7	115.2
29	106.5	.....	97.6	99.9	107.1	137.2	140.3	.....	161.4	135.4	129.8	115.2
30	105.9	.....	98.4	99.9	108.7	138.0	140.2	.....	161.2	135.1	130.2	115.9
31	105.4	.....	98.4	.....	110.4	.....	139.9	.....	.....	.....	.....	115.6

a Tape measurement.

EB-299. Staring & Kirby. Baton Rouge, corner of Istrouma Ave. and Haber St., Capitol Heights. Records available: 1943-49. Measurement discontinued.

EB-301. H. B. Witter. Baton Rouge. W $\frac{1}{2}$ sec. 91, T. 7 S., R. 1 E. Records available: 1943-49. Measurement discontinued.

EB-302. H. A. Bozeman. NW corner sec. 3, T. 7 S., R. 2 E. On south side of Highway 190. Records available: 1943-50. Mar. 17, +14.3; June 14, +14.5; Sept. 14, +13.3.

EB-303. Greenwell Springs Sanitarium. E $\frac{1}{2}$ sec. 49, T. 5 S., R. 2 E., on Amite River, east side of State Highway 37. Records available: 1949-50. Mar. 17, +2.3; June 14, +2.3; Sept. 14, +2.2.

EB-304. Greenwell Springs Sanitarium. Sec. 49, T. 5 S., R. 2 E., on Amite River, east side of State Highway 37. Records available: 1949-50. Mar. 17, +53.7; June 14, +56.0; Sept. 14, +53.7.

EB-306. A. Wickenstad. NW $\frac{1}{4}$ sec. 66, T. 6 S., R. 1 E. Records available: 1943-50. Mar. 17, 0.0, June 14, 0.0.

EB-307. W. W. Bynum. Center of sec. 48, T. 6 S., R. 1 E. Records available: 1943-49. Measurement discontinued.

EB-312. Baton Rouge Water Works Co. North Highlands Subdivision, Baton Rouge. Records available: 1943-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	14.35	Apr. 20	14.05	July 20	19.64	Oct. 13	19.42
18	14.02	27	14.28	27	19.09	20	19.07
25	14.17	May 4	14.61	Aug. 3	18.97	27	19.08
Feb. 1	13.85	12	15.83	11	18.54	Nov. 3	19.01
8	13.77	19	15.84	18	17.72	10	18.28
27	14.00	26	16.93	25	17.67	17	16.25
Mar. 2	13.94	June 2	18.94	Sept. 1	18.90	22	15.80
9	13.93	9	16.51	8	18.53	Dec. 1	15.58
17	13.63	17	19.08	15	19.46	8	16.42
23	13.83	22	19.73	22	19.54	15	15.12
30	14.31	30	19.65	29	18.85	22	15.68
Apr. 6	14.22	July 7	19.52	Oct. 6	18.45	29	14.10
13	14.27	13	19.70				

EB-315. E. J. Morgan. Zion City. Center of sec. 93, T. 6 S., R. 1 E. Records available: 1943-50.

Jan. 4	6.08	May 12	0.37	Aug. 11	12.98	Oct. 27	13.48
11	5.83	19	.42	18	13.65	Nov. 3	12.37
18	5.41	26	.29	25	14.30	10	11.53
25	4.76	June 2	2.52	Sept. 1	14.37	17	11.07
Feb. 1	3.72	17	4.97	8	14.64	22	11.08
8	3.07	30	8.79	15	15.17	Dec. 1	11.42
27	1.43	July 7	9.61	22	15.83	8	10.89
Mar. 2	1.03	13	10.06	29	16.22	15	9.44
Apr. 21	+4.67	20	10.76	Oct. 6	16.39	22	7.68
27	+2.96	27	11.32	13	16.43	29	6.82
May 4	+1.77	Aug. 3	11.74	20	15.17		

EB-317. H. H. Edwards. SW $\frac{1}{4}$ sec. 6, T. 6 S., R. 2 E., on east side of Joor road, 0.25 mile north of Comite River. Records available: 1943-50. Mar. 17, +4.6; June 14, +4.2; Sept. 14, +2.5.

EB-318. Tom Morgan. North side sec. 24, T. 6 S., R. 1 E., west side of Joor road, 0.25 mile north of Comite River. Records available: 1943-46, 1948-50. Mar. 17, +4.0; June 14, +4.0; Sept. 14, +2.9.

EB-322. T. E. Charlton. SE $\frac{1}{4}$ sec. 29, T. 5 S., R. 1 E. Records available: 1943-50. Mar. 17, +41.5; June 14, +42.3; Sept. 14, +42.1.

EB-323. Standard Ice Box Co. On west side of sec. 42, T. 7 S., R. 1 W., between Third Street extension and Illinois Central Railroad. Records available: 1943-44, 1946-50.

Jan. 4	13.01	Mar. 30	15.85	June 9	14.52	Aug. 18	18.36
18	12.69	Apr. 4	16.13	17	15.13	25	17.92
25	9.57	13	15.82	22	16.50	Sept. 1	17.99
Feb. 1	12.36	20	14.29	30	16.50	8	18.57
8	12.44	27	13.69	July 7	16.96	15	17.38
23	12.25	May 4	13.77	13	18.38	22	18.03
Mar. 2	12.62	12	13.27	20	18.70	29	18.22
9	12.80	19	13.30	27	18.29	Oct. 6	17.83
17	13.35	26	13.53	Aug. 3	17.27	13	18.68
23	14.40	June 2	14.16	11	17.84	20	18.39

EB-323--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 27	18.69	Nov. 17	18.32	Dec. 8	17.52	Dec. 22	16.90
Nov. 3	18.52	22	17.75	15	17.08	29	17.10
10	18.69	Dec. 1	17.60				

EB-468. A. M. Holden. E $\frac{1}{2}$ sec. 53, T. 5 S., R. 1 E. Records available: 1948-50.
Mar. 17, +60.6; June 14, +61.8; Sept. 14, +63.9.

EB-469. A. M. Holden. E $\frac{1}{2}$ sec. 53, T. 5 S., R. 1 E. Records available: 1948-50.

Jan. 4	10.36	Apr. 13	10.92	July 13	12.05	Oct. 13	13.05
11	10.34	20	10.69	20	12.40	20	13.20
18	10.31	27	10.63	27	12.61	27	13.15
25	10.15	May 4	10.55	Aug. 3	12.56	Nov. 3	13.19
Feb. 1	9.90	12	10.85	11	12.64	10	13.66
8	9.79	19	10.64	18	12.44	17	13.72
27	9.70	26	10.60	25	12.80	22	13.58
Mar. 2	9.72	June 2	10.60	Sept. 1	12.57	Dec. 1	14.17
9	9.53	9	10.57	8	12.86	8	13.37
17	9.55	17	10.90	15	12.85	15	13.29
23	9.88	22	11.16	22	13.03	22	13.40
30	10.33	30	11.57	29	13.06	29	13.30
Apr. 6	9.55	July 7	11.89	Oct. 6	13.08		

EB-474. U. S. Geol. Survey. Watson farm. Sec. 57, T. 5 S., R. 2 E. Records available: 1948-50.

Jan. 11	10.72	Apr. 13	9.73	Aug. 18	10.48	Nov. 17	11.88
Feb. 8	10.15	June 17	9.87	Sept. 15	10.99	Dec. 15	11.61
Mar. 30	9.55	July 13	10.09	Nov. 3	11.69		

Evangeline Parish

EV-1. John LaHaye. SW $\frac{1}{4}$ sec. 20, T. 4 S., R. 1 E. Records available: 1939-50.

Jan. 7	61.65	Apr. 14	57.81	July 7	88.42	Oct. 6	68.37
13	61.11	21	57.50	14	83.44	13	67.39
18	60.84	29	58.95	21	84.84	20	66.33
27	60.54	May 5	67.22	28	76.94	27	65.78
Feb. 3	60.12	12	80.24	Aug. 4	73.98	Nov. 6	64.93
9	59.65	19	76.84	11	72.91	13	64.40
24	58.35	25	77.46	17	74.40	20	64.19
Mar. 3	59.68	June 2	72.96	Sept. 1	71.97	27	63.67
10	59.36	9	79.24	8	71.09	Dec. 4	62.99
17	58.91	16	73.70	15	70.43	11	62.51
25	58.49	23	80.71	22	69.50	18	62.22
31	58.36	30	86.19	29	68.74	26	61.56
Apr. 7	58.10						

Ev-2. John Reed. North line sec. 37, T. 6 S., R. 1 W. Records available: 1939-50.

Mar. 24	63.82	Sept. 1	87.77	Oct. 13	77.47	Nov. 27	70.85
June 29	86.88	8	85.29	20	75.89	Dec. 4	70.07
July 28	93.03	15	83.02	27	74.66	11	69.40
Aug. 4	91.98	22	81.18	Nov. 6	73.18	18	68.86
11	93.81	27	79.82	13	72.32	26	68.18
17	93.32	Oct. 6	78.02	20	71.41		

Ev-3. Civilian Conservation Corps Camp 1427 (abandoned). SE $\frac{1}{4}$ sec. 33, T. 2 S., R. 2 E. Records available: 1944-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	33.9	33.7	33.4	33.1	33.1	33.2	33.2	33.5	33.8	34.1	34.3	34.4
2	33.9	33.7	33.4	33.1	33.1	....	33.2	33.5	33.9	34.1	34.3	34.4
3	33.9	33.7	33.3	33.1	33.2	33.1	33.2	33.5	33.9	34.1	34.3	34.4
4	33.9	33.7	33.2	33.1	33.2	33.1	33.2	33.6	33.9	34.1	34.3	34.4
5	33.9	33.7	33.2	33.2	33.1	33.1	33.2	33.6	33.9	34.1	34.3	34.4
6	33.9	33.6	33.2	33.2	33.2	33.1	33.2	33.6	33.9	34.1	34.3	34.4
7	33.9	....	33.1	33.2	33.2	33.1	33.2	33.6	33.9	34.1	34.3	34.4
8	33.8	....	33.3	33.2	33.2	33.1	33.2	33.6	33.9	34.1	34.3	34.4
9	33.8	....	33.4	33.2	33.1	33.1	33.2	33.6	33.9	34.2	34.3	....
10	33.8	33.5	33.3	33.2	33.1	33.1	....	33.6	33.9	34.2	34.3	....
11	33.8	33.4	33.2	33.2	33.1	33.1	....	33.6	33.9	34.2	34.3	34.3

Ev-3--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
12	33.7	33.3	33.2	33.2	33.1	33.1	....	33.7	33.9	34.2	34.3	34.3
13	33.7	33.1	33.2	33.2	33.1	33.1	....	33.7	33.9	34.2	34.3	34.3
14	33.8	33.3	33.3	33.2	33.1	33.1	a33.24	33.7	33.9	34.2	34.3	34.3
15	33.7	33.5	33.2	33.2	33.1	33.1	33.3	33.7	34.0	34.2	34.3	34.3
16	33.8	....	33.1	33.2	33.1	33.1	33.3	33.7	34.0	34.2	34.3	34.3
17	33.8	....	33.2	33.2	33.1	33.2	33.3	33.7	34.0	34.2	34.3	34.3
18	33.7	33.5	33.1	33.2	33.1	33.2	33.3	33.7	34.0	34.1	34.3	34.3
19	33.7	33.4	33.1	33.2	33.1	33.2	33.3	33.7	34.0	34.1	34.3	34.3
20	33.8	33.4	33.1	33.2	33.1	33.1	33.3	33.7	34.0	34.2	34.3	34.3
21	33.8	33.3	33.1	33.2	33.1	33.1	33.3	33.7	34.0	34.2	34.3	34.3
22	33.7	33.1	33.2	33.2	33.1	33.1	33.4	33.7	34.1	34.2	34.3	34.3
23	33.7	33.3	33.2	33.2	33.1	33.1	33.4	33.7	34.1	34.2	34.3	34.3
24	33.7	33.3	33.1	33.2	33.1	33.2	33.4	33.7	34.1	34.2	34.3	34.3
25	33.7	33.3	33.1	33.2	33.1	33.2	33.4	....	34.1	34.2	34.3	34.3
26	33.7	33.4	33.0	33.2	33.2	33.2	33.4	a33.82	34.1	34.2	34.3	....
27	33.8	33.4	33.0	33.2	33.2	33.2	33.4	33.8	34.1	34.3	34.4	34.3
28	33.7	33.3	33.1	33.2	33.2	33.2	33.5	33.8	34.1	34.3	34.4	34.3
29	33.6		33.2	....	33.1	33.1	33.5	33.8	34.1	34.3	34.4	34.3
30	33.7		33.3	33.1	33.1	33.2	33.5	33.8	34.1	34.3	34.4	34.3
31	33.7		33.2		33.1		33.5	33.8		34.3		34.3

a Tape measurement.

Ev-7. C. Morein. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 4 S., R. 2 E. Drilled irrigation well, diameter 12 inches, depth 300 feet. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	69.49	Mar. 31	67.94	July 21	78.09	Oct. 20	72.12
13	69.32	Apr. 7	67.85	Aug. 17	78.24	27	71.73
18	69.21	14	67.65	26	76.78	Nov. 6	71.37
27	69.01	21	67.50	Sept. 1	75.15	13	71.22
Feb. 3	68.94	29	68.05	8	74.87	20	70.87
9	68.73	May 5	70.46	15	74.70	27	70.83
24	68.42	19	79.81	22	74.42	Dec. 4	70.55
Mar. 3	68.33	June 9	75.28	28	73.42	11	70.77
10	68.26	23	77.29	Oct. 6	72.43	18	70.64
17	68.04	30	77.58	13	72.22	26	70.39
24	67.92						

Ev-14. J. Perrodin. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, T. 6 S., R. 2 W. Records available: 1944-50. Mar. 24, 50.74; June 29, 63.64; Sept. 27, 61.72; Dec. 12, 55.20.

Ev-18. Alphonse LeFleur. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 6 S., R. 2 W. Records available: 1944-50. Mar. 24, 45.70; June 29, 60.70; Sept. 27, 58.78; Dec. 12, 50.54.

Ev-23. Mrs. A. Swallow. Sec. 26, T. 5 S., R. 2 W. Records available: 1946-50. Mar. 24, 46.28; June 29, 58.24; Sept. 27, 56.84; Dec. 12, 50.18.

Ev-31. Eddie Manuel. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, T. 5 S., R. 1 W. Records available: 1944-49. Measurement discontinued.

Ev-32. O. Reid. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 5 S., R. 1 W. Records available: 1949. Measurement discontinued.

Ev-37. Gordon Micks. SW $\frac{1}{4}$ sec. 15, T. 3 S., R. 2 W. Records available: 1945-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30.7	30.2	29.4	28.8	29.2	29.4	29.2	29.8	30.3	30.7	30.9	31.1
2	30.6	30.2	29.5	28.8	29.1	....	29.2	29.8	30.3	30.7	30.9	31.1
3	30.6	30.3	....	28.7	29.1	28.6	29.2	29.9	30.3	30.7	30.9	31.1
4	30.6	30.3	29.1	28.9	29.1	28.8	29.2	29.9	30.3	30.7	....	31.1
5	30.6	30.3	29.0	29.2	29.1	28.7	29.3	29.9	30.4	....	....	31.1
6	30.7	30.2	28.9	29.2	29.1	28.6	29.3	30.0	30.4	30.7	30.9	31.1
7	30.7	30.2	28.7	29.1	29.1	28.6	29.3	30.0	....	30.7	30.9	31.1
8	30.6	30.2	29.1	29.0	29.1	28.6	29.3	30.0	a30.36	30.7	30.9	31.1
9	30.6	30.1	29.1	29.1	29.1	28.6	29.3	30.0	30.4	30.7	30.9	31.1
10	30.6	30.0	29.0	29.1	29.2	28.6	....	30.0	30.4	....	31.0	31.1

Ev-37--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	30.6	30.0	28.8	29.2	29.2	28.6	....	30.0	30.4	....	31.0	31.1
12	30.5	29.9	28.8	29.2	29.2	28.6	....	30.1	30.5	....	31.0	31.1
13	30.4	29.5	29.1	29.2	....	28.6	....	30.1	30.5	30.8	31.0	31.1
14	30.5	29.8	29.1	29.3	29.1	28.7	a29.5	30.1	30.5	....	31.0	31.1
15	30.4	29.8	28.9	29.3	29.1	28.7	29.5	30.1	30.5	....	31.0	31.1
16	30.4	29.7	28.8	29.2	29.2	28.7	29.6	30.1	30.5	....	31.0	31.2
17	30.4	29.7	28.9	29.2	29.2	28.7	29.6	30.1	30.5	....	31.0	31.2
18	30.4	29.7	28.7	29.3	29.2	28.7	29.6	30.1	30.5	....	31.0	31.2
19	30.4	29.6	28.5	29.4	29.2	28.8	29.6	30.1	30.5	....	31.0	31.2
20	30.5	29.6	28.7	29.4	29.2	28.8	29.6	30.1	30.5	30.8	31.0	31.2
21	30.4	29.4	28.6	29.4	29.2	28.9	29.7	30.1	30.5	30.8	31.0	31.2
22	30.4	29.2	28.7	29.4	29.3	28.9	29.6	30.2	30.5	30.8	31.0	31.2
23	30.3	29.5	28.6	29.4	29.3	28.9	29.6	30.2	30.6	30.8	31.0	31.2
24	30.3	29.4	28.6	29.3	29.3	29.0	29.7	30.2	30.6	30.8	31.1	31.2
25	30.3	29.4	28.6	29.4	29.3	29.0	29.7	....	30.6	....	31.1	31.2
26	30.4	29.4	28.5	29.5	29.4	29.0	29.7	....	30.6	....	31.0	31.2
27	30.4	29.4	28.5	29.5	29.4	29.0	29.7	30.2	30.6	30.8	31.0	31.2
28	30.3	29.3	28.7	29.5	29.4	29.0	29.7	30.2	30.6	30.9	31.0	31.2
29	30.3		29.0	....	29.4	29.1	29.7	30.2	a30.62	30.9	31.0	31.2
30	30.3		29.1	29.4	29.4	29.1	29.8	30.2	30.6	30.9	31.1	31.3
31	30.2		28.9		29.4		29.8	30.2		30.9		31.3

a Tape measurement.

Ev-39. P. E. Fontenot. SE $\frac{1}{4}$ sec. 23, T. 3 S., R. 2 W. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	21.99	Apr. 18	21.20	June 13	20.32	July 18	20.90
Mar. 8	20.57	May 16	20.85				

Ev-41. Harvey Vidrine. NE $\frac{1}{4}$ sec. 14, T. 3 S., R. 2 W. Records available: 1945-50.
 Jan. 18, 20.43; Mar. 8, 19.86; Apr. 18, 19.96; May 16, 19.75; June 13, 19.57; July 18, 18.75;
 Aug. 17, 20.34.

Ev-46. Gordon Micks. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15, T. 3 S., R. 2 W. Records available: 1945-50.

Jan. 18	32.33	May 16	31.03	Aug. 17	31.96	Nov. 13	32.87
Mar. 8	31.12	June 13	30.61	Sept. 1	34.16	Dec. 19	33.05
Apr. 18	31.23	July 18	31.69	Oct. 6	32.57		

Ev-68. Davies Guillory. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 4 S., R. 1 W. Records available: 1949-50.

Jan. 7	61.87	Mar. 31	57.09	July 21	87.34	Oct. 20	67.66
13	61.22	Apr. 7	56.84	28	84.25	27	66.80
18	59.87	14	56.51	Aug. 4	81.75	Nov. 6	65.43
27	60.46	21	56.20	26	81.59	13	64.64
Feb. 3	60.05	29	57.59	Sept. 1	79.66	20	63.92
9	59.53	May 12	80.98	8	78.69	27	63.37
24	58.94	June 2	81.28	15	76.16	Dec. 4	62.70
Mar. 3	58.28	9	79.32	22	73.98	11	62.04
10	58.10	16	77.87	29	71.91	18	61.67
17	57.65	30	85.07	Oct. 6	70.24	26	60.90
26	57.20	July 14	92.17	13	69.17		

Ev-70. C. Guillory. Center line sec. 1, T. 6 S., R. 1 E. Records available: 1947-50.
 Mar. 24, 65.04; June 29, 72.01; Sept. 28, 75.44; Dec. 11, 73.38.

Ev-76. W. Vidrine. Irregular sec. 59, T. 5 S., R. 2 E. Records available: 1947-49.
 Measurement discontinued.

Ev-84. Leroy Soileau. NW $\frac{1}{4}$ sec. 33, T. 5 S., R. 1 E. Records available: 1949-50.
 Mar. 24, 74.30; Sept. 28, 79.92; Dec. 11, 77.15.

Ev-90. Hass Estate. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 4 S., R. 1 W. Records available: 1947-50.
 Mar. 25, 41.11; June 30, 58.70; Sept. 29, 53.08.

Ev-200. Continental Oil Co. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 4 S., R. 1 W. Records available:
 1948-50.

Ev-200--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	31.5	30.5	29.9	29.1	27.9	40.4	38.3	41.4	39.1	35.6	33.3	32.0
2	31.4	30.4	....	29.1	27.9	....	38.4	41.1	38.9	35.6	33.3	31.9
3	31.3	30.3	....	29.0	28.1	39.5	38.5	40.8	38.8	35.5	33.1	31.9
4	31.3	30.3	29.4	29.0	28.4	38.3	38.7	40.5	38.7	35.4	33.1	31.8
5	31.3	30.3	29.4	29.0	28.7	38.4	38.9	40.2	38.6	35.3	33.1	31.8
6	31.0	30.3	29.4	29.0	29.0	38.6	39.9	40.0	38.7	35.2	33.0	31.7
7	....	30.3	29.5	29.0	29.4	38.6	40.7	39.7	38.4	35.1	33.0	31.7
8	30.9	30.3	29.5	29.0	30.8	38.6	41.1	39.6	38.3	35.0	32.9	31.7
9	31.0	30.2	29.6	29.0	32.0	38.5	41.6	39.4	38.2	34.9	32.9	31.6
10	31.1	30.0	29.6	29.0	33.1	38.4	41.2	39.3	38.0	34.8	32.8	31.6
11	30.9	29.8	29.7	28.9	34.2	38.2	41.1	39.2	37.9	34.8	32.8	31.5
12	30.9	29.7	29.6	28.9	....	38.0	42.0	40.0	37.8	34.7	32.7	31.5
13	30.9	29.4	29.5	28.9	....	37.9	42.8	40.8	37.7	34.6	32.7	31.5
14	30.9	29.0	29.5	28.9	....	37.8	43.2	41.0	37.6	34.6	32.6	31.4
15	30.9	29.3	29.4	28.9	....	37.8	43.5	41.2	37.4	34.5	32.6	31.4
16	30.9	29.7	29.3	28.8	....	37.8	43.5	40.7	37.3	34.4	32.5	31.3
17	30.9	30.0	29.2	28.7	....	37.8	43.5	40.3	37.2	34.4	32.5	31.3
18	30.9	30.2	29.2	28.7	....	37.9	44.2	40.1	37.2	34.2	32.4	31.2
19	30.8	30.3	29.2	28.7	....	37.9	44.4	40.1	37.0	34.1	32.4	31.2
20	30.8	30.3	29.1	28.7	41.4	38.0	44.7	40.1	36.9	34.0	32.3	31.2
21	30.8	30.2	29.1	28.7	41.4	38.0	44.8	40.1	36.8	34.0	32.3	31.2
22	30.8	30.1	29.2	28.7	41.3	38.2	45.0	40.0	36.7	33.9	32.2	31.1
23	30.7	29.7	29.2	28.7	41.3	38.2	44.7	39.9	36.6	33.9	32.2	31.1
24	30.7	29.8	29.3	28.7	42.2	38.2	44.2	39.9	36.5	33.8	32.2	31.1
25	30.6	29.9	29.2	28.6	42.3	38.2	43.9	....	36.3	33.8	32.2	31.0
26	30.6	30.0	29.2	28.7	41.9	38.1	43.4	....	36.2	33.7	32.1	....
27	30.5	30.0	29.1	28.7	41.6	38.1	43.1	39.8	36.1	33.6	32.1	31.0
28	30.5	30.0	29.1	28.6	41.4	38.1	42.8	39.7	35.9	33.6	32.1	30.9
29	30.5	....	29.1	....	41.1	38.0	42.3	39.5	35.8	33.5	32.1	30.9
30	30.5	....	29.2	28.2	40.8	....	42.1	39.4	35.7	33.5	32.0	30.8
31	30.5	....	29.2	....	40.5	....	41.7	39.2	....	33.4	....	30.8

Ev-229. Chestley Fontenot. SE $\frac{1}{4}$ sec. 25, T. 4 S., R. 1 W. Records available: 1949-50. Recording gage installed Feb. 8, 1950.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	48.1	46.7	46.5	67.2	72.2	67.4	64.1	58.0	53.8	51.4
2	48.1	46.6	47.8	....	74.0	66.9	64.6	58.0	53.6	51.3
3	46.6	48.1	65.9	75.0	66.5	63.9	57.8	53.5	51.2
4	47.8	46.5	49.5	65.3	76.1	66.1	63.5	57.6	....	51.2
5	47.8	46.6	49.2	64.7	76.7	65.7	63.3	57.4	....	51.1
6	47.7	46.6	51.5	64.2	76.7	65.3	63.1	57.2	53.3	51.0
7	a50.31	....	47.6	46.6	55.3	63.9	77.2	65.0	63.0	57.0	53.2	51.0
8	47.6	46.5	58.3	63.7	77.7	64.7	62.8	56.8	53.0	50.9
9	48.7	47.6	46.5	61.5	63.7	77.3	64.9	62.6	56.7	52.9	50.8
10	48.6	47.6	46.4	65.2	63.7	77.2	65.3	62.3	56.6	52.9	50.8
11	48.5	47.5	46.4	68.0	63.5	78.3	66.6	62.1	56.6	52.8	50.7
12	48.4	47.5	46.4	70.0	63.3	78.8	67.2	61.9	56.3	52.7	50.6
13	a49.93	48.2	47.4	46.3	71.2	63.0	79.5	66.2	61.6	56.6	52.6	50.5
14	48.2	47.4	46.3	69.0	62.8	78.9	65.9	61.4	56.2	52.6	50.5
15	48.2	47.3	46.3	67.8	62.6	78.2	66.4	a61.14	56.0	52.6	50.4
16	48.2	47.3	46.2	69.9	62.6	77.3	66.6	61.1	55.8	52.5	50.3
17	48.2	47.2	46.1	71.9	62.6	76.0	67.0	61.0	55.7	52.4	50.3
18	a49.70	48.3	47.1	46.1	73.9	62.6	75.9	67.5	60.8	55.4	52.3	50.2
19	48.6	47.0	46.1	75.0	63.7	76.2	67.8	60.5	55.2	52.2	50.2
20	48.8	47.0	46.0	74.6	66.4	75.5	67.4	60.2	55.0	52.1	50.1
21	48.8	47.0	46.1	74.2	66.6	75.3	67.1	59.9	54.9	52.1	50.1
22	48.6	47.0	46.0	74.7	67.0	73.5	67.1	59.8	54.8	52.0	50.0
23	48.5	47.0	46.0	75.1	66.2	72.9	66.3	59.5	54.7	51.9	50.0
24	48.4	46.9	45.9	74.1	66.0	72.0	65.9	59.1	54.6	51.9	49.9
25	48.3	46.9	45.8	73.1	66.4	71.7	....	59.0	54.5	51.9	49.8
26	48.3	46.8	45.6	72.2	66.9	70.7	a65.58	59.3	54.4	51.8	....
27	a49.30	48.3	46.7	45.9	71.7	67.7	70.0	65.3	59.1	54.3	51.7	49.7
28	48.2	46.7	46.1	70.9	69.5	69.4	64.9	58.7	54.2	51.6	49.6
29	46.8	a46.3	70.1	70.4	68.8	64.8	58.4	54.1	51.6	49.6
30	46.8	46.3	69.1	71.5	68.3	64.5	58.2	54.0	51.5	49.5
31	46.8	....	68.0	....	67.8	54.1	....	53.9	....	49.5

a Tape measurement.

Ev-236. Continental Oil Co. West side of sec 44, T. 4 S., R. 2 E. Records available: 1949-50. Recording gage removed Feb. 8, 1950, tape measurements made for the remainder of year.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	71.8	Jan. 19	71.6	Feb. 8	71.4	July 21	72.95
2	71.5	20	71.8	7	71.4	Aug. 4	73.33
3	71.4	21	71.7	8	71.4	11	73.32
4	71.6	22	71.5	24	73.38	17	73.37
5	71.7	23	71.3	Mar. 10	70.44	Sept. 8	73.18
6	71.9	24	71.4	17	70.46	28	73.05
7	72.0	25	71.4	24	70.34	Oct. 6	73.04
8	71.9	26	71.5	31	70.35	13	73.27
9	71.6	27	71.8	Apr. 7	70.34	20	72.81
10	71.6	28	71.6	14	70.34	Nov. 6	72.87
11	71.7	29	71.4	21	70.30	13	72.76
12	71.6	30	71.4	May 5	71.18	20	72.86
13	71.5	31	71.6	12	71.46	27	72.78
14	71.6	Feb. 1	71.6	19	71.46	Dec. 4	72.65
15	71.5	2	71.6	June 16	72.28	11	72.40
16	71.7	3	71.8	23	72.60	18	72.83
17	71.6	4	71.7	30	72.85	26	72.34
18	71.6	5	71.6				

Ev-373. Christo Soileau. SE $\frac{1}{4}$ sec. 23, T. 3 S., R. 2 W. Drilled domestic well, diameter 8 inches, depth 37 feet. Records available: Aug. 17, 22.69; Sept. 1, 23.63; Oct. 6, 24.94; Nov. 13, 24.48; Dec. 19, 23.73.

Grant Parish

G-2. Carnahan, Hunthausse & Hargiss. Sec. 5, T. 5 N., R. 3 W. Records available: 1938-46, 1950. June 8, 17.71, Aug. 25, 20.25; Nov. 1, 21.99; Dec. 1, 22.33.

G-21. U. S. Dept. of Agriculture. In Pollock, at Catahoula Fire Tower. Records available: 1938, 1940-50.

Jan. 13	133.78	Mar. 27	133.78	June 6	133.05	July 31	134.01
30	133.59	Apr. 24	133.64	July 4	133.82	Sept. 19	134.43
Feb. 27	133.48						

G-27. 4-H Club Camp. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 6 N., R. 1 E. Records available: 1938, 1940-47, 1949-50.

Jan. 3	+2.95	Mar. 27	+3.45	July 4	+2.19	Sept. 19	+2.85
30	+2.95	Apr. 24	+3.25	31	+2.15	Oct. 23	+2.67
Feb. 27	+3.25	June 6	+3.02	Aug. 21	+3.15	Nov. 27	+2.62

Iberia Parish

I-19. Jefferson Island Planting Co. Irregular sec. 59, T. 12 S., R. 5 E. Records available: 1944-50. Mar. 21, 5.52; June 27, 8.76; Sept. 28, 8.50; Dec. 13, 8.32.

I-56. M. A. Patout & Sons. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 13 S., R. 7 E. Drilled unused industrial (sugar refining) well, depth 300 feet, diameter 6 inches. Records available: 1950. Dec. 13, 9.76.

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. Records available: 1946-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	101.8	102.2	98.6	104.5	99.4	.....	.....	110.1	112.0	114.3	114.8	116.0
2	101.5	101.8	98.5	105.3	93.6	.....	.....	110.2	112.0	114.3	114.8	116.0
3	101.1	101.6	98.6	105.4	94.9	.....	.....	110.3	112.0	114.3	114.8	115.8
4	100.8	101.3	98.6	105.5	95.4	.....	.....	110.4	112.0	114.3	114.9	115.6
5	100.8	101.1	98.7	106.1	96.1	.....	.....	110.5	107.8	114.3	114.9	115.5
6	102.7	100.9	98.7	106.6	96.6	.....	94.8	110.6	109.1	114.3	114.9	115.4
7	102.3	100.7	98.8	107.1	96.9	.....	92.6	110.7	111.3	114.3	115.0	115.4
8	101.4	100.5	98.9	107.6	97.2	109.0	90.7	110.8	112.4	114.3	115.0	115.4
9	101.0	100.3	98.9	108.0	97.3	109.4	89.0	110.7	113.0	114.3	115.0	115.5
10	100.8	100.4	98.9	107.7	97.4	109.7	89.1	110.7	113.3	114.3	115.1	115.6

Ja-13-- Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	100.7	99.8	98.9	106.1	97.4	110.0	94.4	110.8	113.6	114.3	115.2	115.7
12	100.5	99.4	98.9	104.8	97.4	110.2	98.4	110.9	113.7	114.3	115.3	115.7
13	100.2	99.3	99.0	103.9	97.5	110.3	101.1	111.1	113.9	114.3	115.4	115.8
14	100.0	98.2	99.0	103.3	97.5	110.5	103.1	111.2	113.9	114.3	115.5	115.8
15	99.9	98.8	99.0	102.8	97.5	110.7	104.4	111.3	114.0	114.3	115.6	115.9
16	99.9	92.0	99.6	102.4	97.5	110.8	105.4	111.4	114.0	114.3	115.7	115.9
17	99.9	94.5	100.6	102.0	97.5	111.0	106.1	111.5	114.1	114.4	115.7	115.9
18	99.9	95.6	101.7	101.5	97.5	111.1	106.7	111.6	114.2	114.4	115.8	116.0
19	99.8	96.4	101.9	100.3	97.5	111.3	107.2	110.4	114.2	114.1	115.8	116.0
20	101.7	96.8	101.8	100.5	97.5	111.4	107.6	108.4	114.2	114.1	115.7	116.0
21	103.9	97.2	101.8	100.9	97.4	111.5	108.1	107.1	114.2	114.1	115.8	116.0
22	105.6	97.7	102.4	100.9	97.4	99.5	108.8	107.5	114.0	114.1	115.8	116.0
23	106.5	98.4	103.2	100.9	97.4	.....	108.7	108.7	114.0	114.2	115.8	116.0
24	107.6	98.5	104.0	101.0	98.4	.....	108.9	109.7	114.1	114.4	115.9	116.0
25	108.5	98.5	104.9	100.6	99.0	.....	109.2	110.4	114.1	114.5	115.9	109.1
26	109.2	98.6	105.6	100.4	98.7	.....	109.3	110.0	114.2	114.5	115.9	104.9
27	108.1	98.6	105.9	100.2	98.4	.....	109.4	111.4	114.2	114.6	116.0	102.0
28	105.8	98.6	105.6	100.1	98.1	.....	109.5	111.7	114.2	114.6	116.0	99.6
29	104.2		104.8	99.9	97.9	.....	109.7	112.0	114.3	114.7	116.0	97.7
30	103.3		103.0	99.7	98.9	.....	109.8	112.0	114.3	114.7	116.0	95.9
31	102.6		103.7		.....		109.9	112.0		114.8		94.8

Jefferson Parish

JF-12. Fourth Jefferson Drainage District. At New Orleans pumping station l. Records available: 1942-50. Jan. 13, 31.17; May 7, 31.44; June 25, 34.19; July 23, 35.05; Sept. 17, 37.09.

Jefferson Davis Parish

JD-8. William Koll. SW $\frac{1}{4}$ sec. 3, T. 9 S., R. 3 W. Records available: 1938-50. Mar. 20, 39.86; June 27, 50.32; Dec. 12, 44.59.

JD-9. Welsh Canal Co. Formerly owned by Calcasieu National Bank. NW $\frac{1}{4}$ sec. 34, T. 9 S., R. 4 W. Records available: 1938-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	36.21	Apr. 3	32.08	July 3	54.89	Oct. 2	46.90
13	34.78	10	32.74	10	54.16	9	45.81
18	35.38	17	33.98	17	52.56	16	45.52
27	34.79	24	34.23	24	52.53	24	44.10
Feb. 3	34.49	May 1	35.50	31	54.75	31	43.24
6	34.24	8	39.43	Aug. 7	53.97	Nov. 7	42.32
13	33.62	15	44.79	14	53.69	10	42.39
20	33.50	22	46.55	21	54.04	17	41.92
27	33.18	29	51.41	28	53.99	24	40.91
Mar. 6	32.65	June 5	46.58	Sept. 4	51.87	Dec. 1	40.11
13	32.47	12	44.51	11	50.15	15	38.67
20	32.00	19	50.90	18	50.04	22	38.13
27	31.80	26	47.27	25	48.17	29	37.36

JD-11. Mrs. T. L. Linscomb. NE $\frac{1}{4}$ sec. 28, T. 7 S., R. 3 W. Records available: 1938-50. Mar. 20, 52.82; June 26, 59.02; Sept. 25, 60.61; Dec. 12, 56.69.

JD-14. Calcasieu-Marine National Bank. NE $\frac{1}{4}$ sec. 21, T. 7 S., R. 4 W. Records available: 1938-39; 1944-50. Mar. 20, 49.44; Sept. 25, 51.85.

JD-23. Calcasieu-Marine National Bank. NE $\frac{1}{4}$ sec. 4, T. 10 S., R. 6 W. Records available: 1938-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35.6	33.6	32.3	31.0	30.4	44.1	43.8	51.9	51.6	46.5	41.9	39.3
2	35.5	33.6	32.3	31.0	30.4	44.5	44.5	52.0	51.3	46.4	41.8	39.3
3	35.4	33.5	32.2	30.9	30.4	44.2	45.1	52.0	51.0	46.2	41.6	39.2
4	35.3	33.5	32.1	30.9	30.4	43.8	45.7	52.0	50.8	46.0	41.6	39.2
5	35.3	33.5	32.1	31.0	30.5	43.3	46.4	51.8	50.6	45.7	41.6	39.0

JD-23--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	35.1	33.4	32.0	31.0	30.7	42.7	47.1	51.6	50.4	45.5	41.4	39.0
7	35.2	33.3	32.0	30.9	30.9	42.3	47.5	51.4	50.1	45.3	41.3	39.0
8	35.1	33.3	32.0	30.9	31.0	42.1	47.7	51.3	49.9	45.2	41.2	38.8
9	35.0	33.2	32.0	30.9	31.4	41.9	47.8	51.3	49.7	45.0	41.1	38.8
10	35.0	33.1	31.9	30.9	32.1	41.9	48.0	51.2	49.7	44.8	41.0	38.7
11	34.9	33.1	31.9	30.8	33.0	41.7	48.2	51.2	49.9	44.6	41.0	38.6
12	34.8	33.0	31.8	30.8	33.9	41.4	48.2	51.2	50.1	44.5	40.9	38.5
13	34.8	32.9	31.8	30.8	34.6	41.6	48.2	51.4	50.5	44.4	40.7	38.5
14	34.7	32.9	31.8	30.8	35.2	41.7	48.2	51.6	50.5	44.2	40.6	38.4
15	34.6	33.0	31.7	30.8	35.5	42.0	48.3	51.8	50.5	44.1	40.5	38.3
16	34.6	32.9	31.6	30.7	35.6	42.5	48.2	51.9	50.6	44.0	40.4	38.2
17	34.5	32.9	31.6	30.7	35.8	43.0	48.1	52.0	50.5	43.9	40.3	38.2
18	34.4	32.8	31.5	30.7	36.4	43.3	47.9	52.1	50.2	43.6	40.2	38.1
19	34.4	32.8	31.4	30.7	37.0	43.7	47.7	52.3	49.9	43.5	40.1	38.1
20	34.4	32.7	31.4	30.7	37.6	44.0	47.7	52.6	49.6	43.4	40.0	38.0
21	34.3	32.6	31.4	30.7	38.2	43.8	47.8	52.9	49.3	43.2	40.0	37.9
22	34.2	32.5	31.4	30.7	38.8	43.7	48.3	53.0	48.9	43.1	39.9	37.8
23	34.1	32.6	31.3	30.6	39.3	43.5	48.7	53.2	48.6	43.0	39.8	37.8
24	34.0	32.5	31.3	30.6	39.6	43.2	49.0	53.2	48.4	42.9	39.8	37.7
25	34.0	32.5	31.3	30.5	40.0	43.0	49.5	53.1	48.1	42.8	39.7	37.6
26	34.0	32.5	31.2	30.5	40.6	42.7	50.1	53.0	47.8	42.7	39.6	37.5
27	34.0	32.4	31.1	30.5	41.5	42.0	50.5	52.7	47.5	42.5	39.5	37.4
28	33.8	32.4	31.1	30.5	42.4	41.9	51.0	52.4	47.3	42.4	39.5	37.3
29	33.8		31.2	30.5	43.3	42.0	51.3	52.3	47.0	42.3	39.4	37.3
30	33.7		31.2	30.4	43.8	42.6	51.6	52.1	46.8	42.2	39.3	37.2
31	33.7		31.1		44.1		51.9	51.8		42.1		37.2

JD-26. I. L. Hebert. NE $\frac{1}{4}$ sec. 21, T. 10 S., R. 3 W. Records available: 1939-50.
Mar. 21, 26.85; June 28, 34.72; Sept. 27, 37.20; Dec. 12, 32.24.

JD-33. Joe Petitjean. NW $\frac{1}{4}$ sec. 18, T. 11 S., R. 4 W. Records available: 1944-50.
Mar. 21, 15.10; June 27, 21.84; Sept. 27, 26.23; Dec. 12, 19.93.

JD-43. Colon Leger. NE $\frac{1}{4}$ sec. 24, T. 8 S., R. 6 W. Records available: 1939-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	39.9	38.3	37.2	36.0	35.6	43.6	46.2	53.1	....	....	43.5	42.1
2	39.8	38.3	37.3	35.9	35.8	43.4	46.6	53.9	....	45.5	48.0	42.0
3	39.7	38.4	37.1	35.8	36.6	42.7	46.8	54.0	....	45.9	43.3	42.0
4	39.6	....	37.0	35.8	37.1	42.4	50.5	49.4	47.7	45.8	43.3	42.0
5	39.6	....	37.0	36.0	37.8	42.2	51.4	48.6	47.4	45.2	43.3	41.8
6	39.6	....	36.9	36.0	43.8	42.0	51.1	48.0	47.2	45.0	43.2	41.8
7	39.7	....	36.7	36.0	44.6	41.7	46.4	47.7	47.0	44.8	43.1	41.8
8	39.7	....	36.8	35.9	45.4	41.8	46.1	47.9	47.3	44.7	43.0	41.7
9	39.5	....	36.9	35.9	46.1	42.5	45.7	48.6	47.9	44.6	43.0	41.7
10	39.4	a37.89	36.8	36.2	47.2	42.8	45.5	53.0	48.1	44.5	43.0	41.7
11	39.4	....	36.7	36.2	48.5	42.6	45.4	54.3	47.4	44.5	43.2	41.6
12	39.3	....	36.6	35.9	49.1	42.4	45.5	54.8	47.3	44.7	43.0	41.5
13	39.2	....	36.6	35.9	44.9	43.0	45.8	51.0	47.1	44.8	43.1	41.5
14	39.2	....	36.7	36.0	41.4	43.7	46.1	a50.70	46.9	44.8	43.2	41.4
15	39.1	....	36.5	36.0	40.5	44.0	45.6	51.8	46.8	44.7	43.0	41.4
16	39.1	....	36.5	36.0	43.2	44.2	45.3	52.2	46.8	44.8	43.0	41.4
17	39.1	38.1	36.5	35.8	41.8	44.4	45.5	51.7	46.7	44.8	42.8	41.4
18	39.0	37.9	36.4	35.7	42.9	44.3	45.5	50.9	46.4	44.7	42.6	41.4
19	38.9	37.8	36.1	35.7	47.4	45.1	45.6	50.3	46.3	44.2	42.5	41.3
20	39.0	37.7	36.2	35.7	47.2	45.8	46.0	49.4	46.2	44.1	42.5	41.2
21	38.9	37.6	36.2	35.7	43.8	44.8	46.8	48.7	46.1	44.3	42.5	....
22	38.8	37.4	36.2	35.7	48.0	44.3	48.1	48.1	45.9	44.3	42.4	41.2
23	38.7	37.4	36.2	35.6	49.9	43.9	48.2	47.8	45.9	44.1	42.3	41.1
24	38.6	37.4	36.1	35.5	49.4	43.6	52.9	47.6	45.8	44.1	42.4	41.0
25	38.6	37.3	36.0	35.4	47.3	43.4	51.2	47.5	48.6	43.9	42.3	41.0
26	38.6	37.3	35.9	36.2	47.6	43.4	55.1	47.4	....	43.8	42.2	40.9
27	38.6	37.3	35.8	36.3	47.7	43.6	55.5	47.4	....	43.7	42.4	40.8
28	38.5	37.2	35.9	35.8	47.3	44.3	54.9	51.2	....	43.7	42.6	40.7
29	38.4		36.0	35.7	46.2	45.0	50.2	51.2	....	43.8	42.2	40.7
30	38.4		36.2	35.6	44.9	45.5	48.7	48.3	....	43.7	42.1	40.7
31	38.3		36.1		43.8		52.7	48.1		43.6		40.7

a Tape measurement.

JD-78. E. A. Lyons & Sons. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 11 S., R. 5 W. Records available: 1944-50. Mar. 21, 10.57; June 27, 15.79; Sept. 27, 20.46; Dec. 12, 16.65

JD-115. Calcasieu-Marine National Bank. NE $\frac{1}{4}$ sec. 34, T. 9 S., R. 5 W. Records available: 1939-50. Mar. 20, 38.25; June 27, 56.13; Sept. 25, 51.95; Dec. 12, 41.43.

JD-222. Lacassane Co., Inc. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 11 S., R. 5 W. Records available: 1945-50. Mar. 21, 12.31; June 27, 15.07; Sept. 27, 21.49; Dec. 12, 16.49.

JD-223. Lacassane Co., Inc. SW $\frac{1}{4}$ sec. 27, T. 11 S., R. 4 W. Records available: 1945-50. Mar. 21, 11.95; June 27, 16.01; Dec. 12, 16.24.

JD-224. Latreille Estate. Sec. 10, T. 8 S., R. 4 W. Records available: 1946-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	51.1	49.4	....	47.2	47.4	60.2	62.0	65.8	61.8	57.7	55.5	53.3
2	51.0	49.4	....	47.1	47.5	60.1	62.5	66.0	61.8	58.7	55.0	53.2
3	50.8	49.5	....	47.1	48.0	59.0	62.0	66.2	61.2	57.5	54.8	53.2
4	50.7	49.5	....	47.1	48.5	58.1	62.7	66.2	60.7	57.2	54.9	53.2
5	50.7	49.4	....	47.3	50.9	57.4	64.6	66.0	60.4	57.1	54.8	53.2
6	50.6	49.3	....	47.3	52.0	56.8	65.6	64.4	60.2	56.9	54.7	53.1
7	50.8	49.2	....	47.3	52.4	56.4	65.4	65.2	60.2	56.8	54.6	53.1
8	50.8	49.2	....	47.3	52.8	57.4	64.0	66.3	60.1	56.7	54.5	53.0
9	....	49.1	....	47.4	53.5	57.6	62.2	67.1	59.9	56.7	54.4	52.9
10	....	49.0	....	47.4	54.2	56.9	61.7	67.5	59.8	56.6	54.6	52.9
11	....	48.9	....	47.4	55.7	56.2	61.6	67.4	59.7	56.4	54.6	52.7
12	....	48.8	....	47.5	56.6	56.1	61.4	66.0	59.8	56.5	54.6	52.6
13	....	48.6	....	47.4	56.8	57.1	61.2	65.3	60.0	56.6	54.5	52.6
14	50.3	48.8	....	47.5	54.9	58.2	62.3	65.0	60.4	56.6	54.5	52.5
15	50.2	48.9	....	47.5	55.3	59.0	62.5	65.2	60.6	56.5	54.5	52.5
16	50.2	48.9	....	47.4	56.4	61.9	62.3	65.3	60.3	56.5	54.4	52.5
17	50.2	48.9	....	47.1	57.6	62.5	61.4	65.1	60.0	56.4	54.3	52.4
18	50.1	48.8	....	47.1	59.1	61.9	62.4	64.6	60.3	56.3	54.2	52.4
19	50.0	48.8	....	47.1	60.4	61.6	63.4	64.1	60.8	56.1	54.0	52.4
20	50.1	48.7	....	47.1	60.6	62.1	64.0	63.2	61.4	55.9	53.9	52.3
21	50.1	48.6	....	47.1	59.5	59.3	64.5	62.9	59.7	55.8	54.0	52.2
22	49.9	....	....	47.1	59.5	58.6	63.3	62.5	59.1	55.7	53.9	52.2
23	49.8	48.4	....	47.0	60.2	58.2	63.1	62.3	58.8	55.7	53.8	52.1
24	49.7	....	....	46.8	61.8	57.8	63.2	62.2	58.6	55.7	53.8	52.0
25	49.7	....	a47.26	46.8	62.4	57.3	64.2	63.4	58.4	55.6	53.8	51.9
26	49.7	....	47.2	46.9	63.0	56.9	65.1	63.8	58.3	55.5	53.7	51.8
27	....	....	47.0	47.0	63.3	58.7	65.4	63.8	58.4	55.4	53.6	51.7
28	49.6	....	47.1	47.1	63.2	58.8	65.4	62.4	58.0	55.4	53.5	51.6
29	49.5	....	47.3	47.2	62.7	59.7	65.0	62.0	57.9	55.3	53.5	51.6
30	49.5	....	47.4	47.3	61.7	60.5	64.4	62.0	57.8	55.2	53.4	51.6
31	49.4	....	47.4	....	60.6	....	65.2	61.9	....	55.1	....	51.6

a Tape measurement.

JD-287. King Corp. Center of sec. 19, T. 7 S., R. 5 W. Drilled irrigation well, diameter 12 inches, depth 269 feet. Records available: 1950. Sept. 25, 41.69.

JD-317. H. Aguilard. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 8 S., R. 4 W. Records available: 1948-50. Mar. 20, 48.99; June 27, 59.36; Sept. 25, 60.70; Dec. 12, 54.25.

JD-331. Lock Moor Plantation. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 8 S., R. 7 W. Records available: 1949-50. Mar. 20, 22.60; Sept. 25, 27.30; Dec. 12, 26.07.

Lafayette Parish

Lf-4. Town of Carencro. Sec. 34, T. 8 S., R. 4 E. Drilled unused public-supply well, diameter 6 inches, depth 156 feet. Records available: 1950. Aug. 7, 29.30.

Lf-6. Southwestern Louisiana Institute horticultural farm. Irregular sec. 68, T. 9 S., R. 4 W. Records available: 1944-50. Mar. 20, 26.36; June 28, 26.33; Sept. 28, 27.00; Dec. 11, 28.83.

Lf-129. Claude Hanks. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 10 S., R. 3 E. Records available: 1944-50. Mar. 21, 28.18; Sept. 27, 34.39; Dec. 11, 29.10.

Lf-164. Gaston Gordon. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 10 S., R. 5 E. Records available: 1944-50.

Lf-164--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24.5	....	....	20.6	....	21.6	19.5	....	....	24.2	25.2	....
2	24.5	....	....	20.7	....	21.6	19.6	a21.80	....	24.2	25.2	....
3	24.5	....	....	20.9	....	21.6	19.7	21.8	....	24.3	25.2	25.9
4	24.5	....	....	21.0	20.8	21.3	19.8	21.8	....	24.3	25.2	26.0
5	24.5	....	....	20.8	20.8	21.1	20.0	21.9	....	24.3	25.3	25.9
6	24.2	....	....	20.8	20.9	21.0	....	21.9	....	24.4	25.3	25.8
7	24.0	....	....	20.8	20.9	20.3	....	21.8	....	24.4	25.3	25.7
8	23.7	....	....	20.8	21.0	....	....	21.9	23.2	24.4	25.3	25.7
9	23.5	....	....	20.8	21.1	....	....	21.9	23.3	24.5	25.4	25.6
10	23.4	....	....	20.8	21.1	19.5	....	21.9	23.3	24.5	25.4	25.6
11	23.2	....	....	20.7	21.2	19.4	....	22.0	23.4	24.4	25.4	25.6
12	23.1	....	....	20.6	21.2	19.4	20.5	....	23.5	24.4	25.5	25.6
13	....	....	....	20.6	21.2	19.4	20.6	....	23.5	....	25.5	25.6
14	....	....	....	....	20.9	19.5	20.7	....	23.5	....	25.5	25.6
15	....	....	....	....	20.8	19.6	20.8	....	23.6	....	....	25.6
16	....	....	....	....	20.8	19.7	20.9	....	23.6	....	....	25.7
17	....	....	....	....	20.8	....	20.9	....	23.7	....	....	25.7
18	....	....	....	....	20.8	....	....	....	23.7	....	....	25.7
19	....	....	....	....	20.8	....	....	....	23.8	....	....	25.7
20	....	....	....	....	20.8	....	....	....	23.8	....	....	25.7
21	....	....	....	....	20.9	19.1	....	....	23.8	....	....	25.7
22	....	....	20.2	....	21.0	19.0	....	....	23.8	....	....	25.6
23	....	....	20.2	....	21.1	19.0	....	....	23.9	....	....	25.6
24	....	....	20.2	....	21.2	19.0	....	....	23.9	....	....	25.6
25	....	....	20.2	....	21.2	19.0	....	....	24.0	25.1	....	25.6
26	....	....	20.2	....	21.3	19.0	....	....	....	25.0	....	25.5
27	....	....	20.2	....	21.4	19.0	....	....	....	25.0	....	25.5
28	....	....	20.3	....	21.4	19.1	....	....	24.1	25.1	....	25.3
29	....	....	20.3	....	21.5	19.1	....	....	24.1	25.1	....	25.3
30	....	....	20.5	....	21.5	19.3	....	....	24.2	25.1	....	25.3
31	....	....	20.6	....	21.5	....	....	....	....	25.1	....	25.2

a Tape measurement.

Lf-210. B. W. Spell. Irregular sec. 24, T. 10 S., R. 2 E. Records available: 1944-50. Mar. 23, 26.69; June 27, 32.52; Sept. 29, 31.56; Dec. 13, 28.72.

Lf-405. Mary's Syrup Mill. Irregular sec. 40, T. 11 S., R. 4 W. Records available: 1946-50. Mar. 20, 39.12; June 28, 38.42; Dec. 12, 39.84.

Lf-437. Southern Pacific Railroad Co. Irregular sec. 40, T. 11 S., R. 4 E. Records available: 1946-50. Recording gage installed Nov. 8, 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	a14.37	Nov. 17	16.2	Dec. 4	16.3	Dec. 16	16.2
June 27	a14.29	18	16.1	5	16.2	17	16.3
Sept. 28	a15.87	19	16.1	6	16.1	18	16.3
Nov. 9	16.1	20	16.1	7	16.2	19	16.3
10	16.2	21	16.2	8	16.2	20	16.3
11	16.3	28	16.3	9	16.2	21	16.3
12	16.3	29	16.3	10	16.2	22	16.3
13	16.3	30	16.3	11	16.2	23	16.3
14	16.2	Dec. 1	16.3	13	16.2	24	16.3
15	16.2	2	16.3	14	16.2	25	16.3
16	16.2	3	16.2	15	16.2	26	16.2

a Tape measurement.

Lf-478. Charles Bradford. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 9 S., R. 3 E. Records available: 1944-50. Mar. 20, 31.00; June 27, 37.64; Sept. 27, 37.76; Dec. 12, 33.42.

La Salle Parish

La-41. Louisiana Delta Hardwood Lumber Co. NE $\frac{1}{4}$ sec. 8, T. 8 N., R. 2 E. Records available: 1939-50.

Jan. 3	24.72	Mar. 27	25.26	July 4	25.18	Sept. 19	25.52
30	24.48	Apr. 24	25.37	31	24.75	Oct. 23	25.72
Feb. 27	25.30	June 6	25.36	Aug. 21	25.23	Nov. 27	25.91

Livingston Parish

(Measurements are above land-surface datum in Livingston Parish.)

Li-10. McCarroll Lumber Co. Frost. Records available: 1940-50. Jan 9, 2.8; June 19, 2.7; Sept. 11, 2.8; Nov. 28, 2.7.

Li-11. Sharp Civilian Conservation Corps Camp. Springville. Records available: 1940-50. Jan. 9, 1.0; June 19, 1.5; Sept. 11, 1.4; Nov. 28, 0.9.

Li-15. Hammond Lumber Co. Sec. 14, T. 7 S., R. 6 E. At Springville fire tower. Records available: 1947-50. Jan. 9, 7.6; Apr. 12, 7.6; June 19, 7.7; Sept. 11, 7.7; Nov. 28, 6.7.

Li-16. J. F. McCarroll. Holden. Records available: 1940-50. Jan. 9, 108.1; Apr. 12, 113.5; June 19, 119.5; Sept. 11, 119.0; Nov. 28, 119.0.

Li-38. J. F. McCarroll. Holden, 100 feet east of well Li-16. Records available: 1947-50. Jan. 9, 10.8; Apr. 12, 9.6; June 19, 10.3; Sept. 11, 9.8; Nov. 28, 10.8.

Li-52. Coy Kinchen. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 6 S., R. 6 E. Drilled domestic well, diameter 4 inches, depth 1,860 feet. Records available: 1950. Apr. 19, 110.4; June 21, 116.0; Sept. 13, 115.9; Nov. 30, 116.2.

Morehouse Parish

Mo-9. International Paper Co., Southern Kraft Division. Sec. 24, T. 21 N., R. 5 E. Records available: 1945-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	178.2	179.0	174.1	180.2	178.9	180.0	179.9	182.3	182.5	181.5	177.0	.....
2	177.1	178.3	175.7	180.2	179.1	180.0	179.9	182.3	182.0	181.6	177.0	.....
3	177.9	178.9	176.1	180.0	178.9	179.8	178.5	182.3	182.6	181.7	176.0	.....
4	178.3	178.9	177.8	179.6	179.2	180.0	175.5	182.3	174.2	181.8	175.9	.....
5	168.6	178.8	178.2	179.6	179.0	179.9	168.3	182.4	187.9	181.7	175.7	.....
6	177.7	176.8	178.3	179.5	179.0	180.02	171.8	182.4	189.8	181.8	175.5	.....
7	177.7	178.7	178.6	179.4	178.2	179.7	179.9	182.4	178.4	181.7	175.9	.....
8	177.7	178.0	178.9	179.2	178.0	180.0	180.7	182.3	172.5	181.7	176.8	.....
9	177.6	177.5	179.1	172.5	178.0	180.1	181.1	182.3	177.6	181.7	176.5	.....
10	176.7	177.4	179.2	182.4	178.0	180.1	181.3	182.3	178.8	181.7	176.2	.....
11	176.7	177.3	179.3	190.1	178.1	180.2	181.4	182.4	178.3	181.7	176.2	.....
12	177.9	177.0	179.3	175.8	178.1	180.2	181.5	182.3	177.5	181.7	176.1	.....
13	178.2	176.9	179.6	177.6	178.3	180.2	181.6	182.3	178.3	181.6	176.4	.....
14	178.5	176.9	179.7	178.7	178.9	180.2	181.8	182.2	181.6	181.7	176.7	.....
15	178.4	177.0	179.6	178.6	179.1	180.2	181.9	182.2	181.2	181.8	177.0	.....
16	178.7	176.9	179.7	178.7	179.3	180.3	181.9	182.3	181.4	181.8	176.6	.....
17	178.6	176.8	179.7	178.8	179.4	180.4	181.9	182.3	181.5	181.3	176.8	.....
18	178.5	176.9	179.6	178.7	179.4	180.4	182.0	182.3	181.6	181.2	176.8	.....
19	178.8	176.9	178.9	178.7	179.0	180.4	182.0	182.3	179.2	.....	177.0	.....
20	178.9	176.8	178.8	178.9	179.6	180.5	182.1	182.4	181.2	.....	176.8	.....
21	178.8	176.6	179.4	179.2	179.6	180.5	182.1	182.4	181.5	.....	176.9	.....
22	178.7	176.6	179.7	178.1	179.6	180.5	182.2	182.3	181.7	.....	176.6	.....
23	178.6	176.6	179.7	178.9	179.6	180.3	182.3	182.5	181.6	.....	176.9	.....
24	178.6	176.6	179.8	179.0	179.5	179.9	182.3	182.4	181.8	.....	176.8	.....
25	178.7	176.4	179.8	179.0	179.0	179.9	182.5	182.4	182.0	180.3	181.5	.....
26	178.9	175.6	179.7	179.0	178.9	180.0	182.6	182.5	182.1	180.2	181.5	.....
27	179.1	174.2	179.7	178.9	179.6	179.8	182.7	182.5	182.1	180.2	.....	.....
28	179.0	173.7	179.8	178.9	179.7	180.1	182.7	182.5	182.2	180.3	.....	.....
29	178.9	.....	180.1	178.9	179.8	179.7	182.7	182.5	181.7	180.5	.....	.....
30	179.0	.....	180.2	178.9	179.8	180.2	182.6	182.4	181.8	180.3	.....	.....
31	179.0	.....	180.2	.....	179.9	.....	182.7	182.3	.....	177.8	.....	.....

a Tape measurement.

Mo-15. International Paper Co., Southern Kraft Division. Sec. 24, T. 21 N., R. 5 E. Records available: 1945-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	78.0	78.2	78.2	77.5	77.8	78.0	77.9	78.2	78.2	77.9	77.7	77.5
2	77.8	78.2	78.2	77.5	77.7	77.9	78.0	78.1	78.0	78.0	77.6	77.5
3	77.7	78.4	77.8	77.4	77.8	77.7	78.0	78.1	78.2	77.9	77.7	77.7
4	78.2	78.2	77.8	77.9	77.9	78.0	78.0	78.0	78.1	77.9	77.9	77.6
5	78.2	78.0	77.8	78.3	77.8	77.9	78.0	78.1	78.0	77.8	77.8	77.5

Mo-15--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
6	78.3	77.8	77.5	78.1	77.9	77.9	78.0	78.1	78.0	77.8	77.8	77.8
7	78.5	77.9	77.3	77.7	78.0	77.9	78.0	78.1	77.8	77.8	77.6	77.8
8	78.0	77.9	78.0	77.6	78.0	78.0	78.0	78.0	77.7	77.8	77.5	77.6
9	77.7	77.9	78.2	77.6	77.9	78.0	77.9	78.0	77.7	77.9	77.8	77.7
10	78.0	77.9	77.8	77.6	77.9	77.9	77.9	78.1	77.8	77.8	78.1	77.6
11	78.2	78.0	77.4	77.9	77.9	77.9	77.9	78.1	77.9	77.8	77.9	77.3
12	78.0	78.3	77.4	77.7	77.8	77.9	78.0	78.1	78.0	77.9	77.7	77.5
13	78.1	78.1	77.9	77.8	77.7	77.8	78.0	78.1	78.0	77.9	77.6	77.6
14	77.7	77.7	77.9	77.8	77.7	77.9	78.0	78.1	77.9	77.8	77.6	77.6
15	77.9	77.6	77.4	77.7	77.8	77.9	78.0	78.1	77.8	77.8	77.6	77.6
16	78.4	77.7	77.5	77.5	78.0	77.9	78.0	78.1	77.9	77.9	77.7	77.7
17	78.0	77.9	77.6	77.5	78.0	77.9	78.0	78.0	78.0	77.8	77.7	77.6
18	77.9	77.9	77.4	77.6	77.9	78.0	78.0	78.0	78.0	77.6	77.4	77.7
19	78.3	77.9	77.5	77.9	77.8	77.9	77.9	78.1	77.9	77.6	77.3	77.5
20	78.5	78.0	77.7	78.0	77.9	77.9	78.0	78.2	77.8	77.6	78.0	77.6
21	78.1	78.4	77.6	77.9	78.0	78.0	78.0	78.1	77.8	77.7	77.8	77.5
22	77.9	78.3	77.8	77.9	78.0	78.0	78.0	78.1	77.8	77.8	77.5	77.4
23	77.8	77.9	77.6	77.8	78.0	78.0	78.1	78.2	77.8	78.0	77.6	77.4
24	77.9	78.0	77.6	77.5	77.9	78.0	78.1	78.2	78.0	78.0	78.0	77.4
25	78.2	78.0	77.6	77.8	77.9	77.9	78.1	78.1	78.0	77.8	77.6	77.4
26	78.4	78.3	77.3	78.0	77.9	78.0	78.0	78.1	77.9	77.8	77.5	77.4
27	78.5	78.0	77.3	78.1	77.9	78.0	78.1	78.1	77.9	77.7	77.5	77.6
28	78.0	77.7	77.7	78.1	77.8	77.9	78.0	78.1	78.0	77.8	77.7	77.4
29	77.9		78.3	78.2	77.8	78.0	78.1	78.0	77.9	77.8	77.6	77.5
30	78.1		78.3	78.0	77.8	77.9	78.1	77.9	77.9	77.8	77.4	77.5
31	78.2		77.7		77.9		78.3	77.9		77.7		77.6

Natchitoches ParishNa-54. S. Rhodes. SW $\frac{1}{4}$ irregular sec. 105, T. 9 N., R. 7 W. Records available: 1944-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	+11.02	May 1	+11.00	Aug. 2	+11.40	Nov. 1	+ 9.72
Mar. 2	+10.80	June 8	+11.60	25	+ 9.82	Dec. 1	+ 9.51
Apr. 4	+10.90	July 6	+ 9.95	Sept. 24	+ 9.88		

Na-58. H. J. Taylor. NE $\frac{1}{4}$ sec. 10, T. 8 N., R. 7 W. Records available: 1944-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 2	+20.25	July 6	+15.75	Aug. 25	+16.70	Nov. 24	+15.20
Apr. 4	+22.90	Aug. 2	+15.00	Sept. 24	+18.15	Dec. 1	+16.97
June 8	+18.65						

Na-69. City of Natchitoches. NE $\frac{1}{4}$ irregular sec. 15, T. 8 N., R. 7 W. Records available: 1949. Measurement discontinued.Orleans Parish

Or-11. Gardeners & Shippers Ice Co. 734 Forstall St., New Orleans. Drilled industrial well, diameter 6 inches, depth 800 feet. Records available: 1950. Sept. 19, 81.80; Dec. 24, 73.82.

Or-25. Morgan Ice Co. plant No. 1. 1215 Magnolia St., New Orleans. Records available: 1945-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	78.9	74.5	75.6	....	87.0	90.9	....	....	93.0	....	88.2
2	78.9	74.6	....	75.8	87.3	....	....	....	92.3	....	88.1
3	78.3	74.6	....	76.6	87.3	....	a92.53	....	92.8	....	87.2
4	78.9	74.4	....	77.1	86.5	89.9	....	....	92.8	....	....
5	78.6	73.6	....	77.5	85.9	88.8	....	....	93.0	....	....
6	78.3	72.8	....	76.6	86.9	89.5	....	....	93.4	89.0	....
7	79.1	73.4	74.5	a76.99	87.4	90.0	....	....	93.5	89.0	....
8	78.7	73.9	74.5	76.5	87.5	90.3	....	....	92.3	89.2	....
9	78.7	74.0	75.6	77.7	87.9	89.1	....	....	91.7	89.1	....
10	78.3	73.8	76.2	78.8	88.2	88.7	....	....	92.1	89.1	....

Or-25--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	....	78.1	73.5	....	79.5	88.2	90.2	....	....	92.6	89.0	....
12	....	77.1	72.7	75.3	81.2	86.4	91.0	....	....	92.4	88.1	....
13	a75.51	....	72.5	75.0	81.8	87.4	91.5	....	....	92.3	86.9	....
14	75.3	....	73.1	74.6	80.9	88.0	91.9	....	....	92.1	....	....
15	74.6	77.2	73.5	74.7	80.8	88.6	92.1	....	....	91.9	....	82.2
16	74.2	77.0	73.8	76.1	82.0	89.2	91.1	....	....	91.1	89.4	81.9
17	....	76.6	75.6	76.4	82.8	88.8	....	....	a93.93	92.1	89.8	80.9
18	....	76.7	75.7	75.6	83.6	89.8	91.9	....	....	93.5	92.4	80.1
19	....	75.9	74.5	75.2	84.1	90.1	....	....	....	94.5	92.4	80.6
20	....	75.1	73.2	75.1	83.8	89.3	....	....	....	94.6	92.5	80.9
21	....	74.8	74.1	74.5	84.4	89.3	....	....	....	95.1	92.3	81.0
22	....	74.0	74.7	74.5	84.4	88.7	....	....	....	95.1	91.6	80.9
23	....	74.5	74.8	74.9	84.1	88.5	....	....	....	95.1	91.4	a88.64
24	....	74.7	75.2	75.6	84.6	88.4	91.1	....	....	91.3	87.7	80.1
25	77.8	74.9	75.1	75.2	85.2	88.4	....	....	....	91.6	87.6	79.2
26	77.7	74.4	74.2	....	85.4	88.0	....	....	94.0	91.5	87.2	78.9
27	77.9	73.8	73.5	....	85.8	89.0	....	....	....	92.8	87.2	80.6
28	77.7	74.5	74.2	....	85.2	89.7	....	....	....	92.0	87.3	81.2
29	77.2	....	74.7	....	84.8	90.1	....	....	....	90.5	87.9	81.5
30	77.1	....	75.2	....	85.8	90.9	....	....	....	90.3	88.2	81.0
31	77.7	....	75.6	....	86.4	....	....	....	....	....	....	80.5

a Tape measurement.

Or-42. Department of the Navy. At power house, Algiers Repair Base. Records available: 1949-50. Jan. 13, 71.71; Mar. 10, 71.07; May 7, 71.72; June 25, 82.89; July 24, 89.87; Sept. 19, 88.03; Dec. 24, 76.79.

Ouachita Parish

Ou-23. Southern Carbon Co. Sec. 37, T. 19 N., R. 4 E. Records available: 1946, 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	84.78	Mar. 28	85.03	July 4	87.05	Sept. 20	88.57
31	84.65	Apr. 25	85.03	31	87.70	Oct. 24	88.57
Feb. 28	84.38	June 6	85.82	Aug. 22	86.29	Nov. 28	89.36

Ou-26. Fred Fudickar. S $\frac{1}{2}$ sec. 81, T. 18 N., R. 4 E. Records available: 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	79.28	Mar. 28	78.45	July 4	80.35	Sept. 20	81.77
30	78.99	Apr. 25	78.89	31	80.85	Oct. 23	81.83
Feb. 28	78.60	June 6	79.46	Aug. 22	81.41	Nov. 29	82.05

Ou-73. Tennessee Gas & Transmission Co., well 1. Records available: 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	175.91	Apr. 26	178.85	July 5	182.97	Aug. 23	183.27
Mar. 28	176.40	June 7	180.10	Aug. 1	183.19	Nov. 29	182.70

Ou-77. Brown Paper Co. Records available: 1946-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	211.8	212.7	181.8	193.6	208.4	216.0	218.3	222.0	219.9	222.4	219.5	216.6
2	212.3	....	181.7	193.6	208.6	216.0	218.3	222.0	220.0	222.7	219.5	204.4
3	212.8	215.3	181.6	193.7	208.8	215.7	202.1	222.0	221.9	222.8	219.5	201.3
4	213.3	216.3	181.5	193.8	209.2	216.1	196.0	221.9	201.7	222.6	219.7	200.7
5	213.5	217.1	181.5	194.0	208.6	216.1	191.1	221.9	195.2	221.9	204.6	215.5
6	214.0	217.6	181.4	194.0	208.4	216.2	189.7	221.8	215.9	222.3	200.8	216.5
7	214.4	218.1	181.3	194.1	208.3	216.2	210.5	221.7	217.1	220.8	200.8	201.0
8	214.5	218.4	181.4	194.1	208.2	213.0	212.2	221.0	217.6	220.6	206.0	200.5
9	214.5	....	181.5	194.1	208.1	216.2	213.1	221.6	217.9	220.5	202.1	200.2
10	214.6	....	181.4	194.3	208.0	216.3	213.7	221.2	202.2	220.3	201.9	200.1
11	214.9	....	181.3	194.4	207.9	216.4	214.1	220.9	201.5	220.2	201.6	208.0
12	214.9	....	181.2	194.4	207.8	216.6	214.4	219.1	201.2	221.5	201.4	200.7
13	214.8	....	181.4	194.5	207.8	216.7	214.7	218.9	217.6	221.3	201.2	200.3
14	....	....	181.4	194.6	207.7	216.8	214.8	218.9	218.1	220.5	201.0	200.1
15	....	....	181.2	194.7	207.6	216.9	215.2	218.9	219.0	220.4	200.9	200.0
16	....	....	181.2	194.7	207.6	216.9	215.3	219.0	218.4	220.4	200.8	216.7
17	....	....	185.9	194.6	203.9	216.9	215.4	219.0	218.5	220.4	200.6	217.0
18	....	....	....	194.7	198.7	218.6	199.8	221.3	218.7	220.3	200.4	217.4

Ou-77--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
19	192.6	198.0	219.0	199.0	221.9	218.6	207.2	.....	217.5
20	194.9	197.7	219.0	198.5	220.7	218.6	220.8	.....	217.8
21	183.1	185.7	205.3	197.5	220.1	198.2	222.1	218.7	220.0	.....	218.0
22	182.9	186.5	207.3	197.4	220.1	210.6	221.4	218.8	219.9	.....	218.1
23	182.6	186.8	207.8	197.2	219.2	211.3	220.2	218.9	207.3	.....	218.2
24	182.4	186.8	208.1	216.0	219.0	211.6	219.9	219.8	204.2	200.1	218.4
25	182.2	186.9	207.0	210.6	218.3	211.9	204.2	221.3	203.5	200.0	218.4
26	182.2	186.9	.....	210.6	218.1	212.1	203.8	219.7	219.0	199.9	219.3
27	182.0	191.6	205.6	215.2	217.9	212.2	207.5	219.5	218.9	214.5	218.4
28	181.7	192.9	205.5	215.5	218.0	212.4	218.3	219.4	219.2	216.1	218.4
29	193.3	208.0	215.7	218.1	212.6	220.2	219.4	219.3	216.7	.....
30	193.5	208.6	215.8	218.2	212.6	220.7	221.9	219.4	201.1	.....
31	193.5	.....	216.6	.....	212.8	221.8	.....	219.5	.....	.....

Ou-87. Louisville Cooperage. Jackson St., Monroe. Records available: 1946-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	127.29	Mar. 27	124.84	July 4	131.13	Sept. 19	132.23
30	127.99	Apr. 24	126.50	31	129.69	Oct. 23	133.14
Feb. 27	124.55	June 6	129.16	Aug. 21	132.58	Nov. 27	131.35

Ou-88. Fred Peters. Irregular sec. 52, T. 17 N., R. 3 E., 0.25 mile west of U. S. Highway 165. Records available: 1947-50.

Jan. 3	53.04	Mar. 27	50.63	July 4	53.29	Sept. 19	55.01
30	51.01	Apr. 24	49.94	31	55.00	Oct. 23	56.29
Feb. 27	49.73	June 6	50.87	Aug. 21	55.58	Nov. 27	56.45

Ou-94. Angels Tourist Court. S₁ irregular sec. 38, T. 18 N., R. 4 E. Records available: 1946-50.

Jan. 3	87.74	Mar. 28	86.22	July 4	89.37	Sept. 20	90.53
30	87.17	Apr. 25	86.81	30	89.98	Oct. 25	90.69
Feb. 28	86.29	June 7	87.98	Aug. 22	90.55	Nov. 29	90.82

Ou-96. Department of the Air Force. Selman Field, No. 2, Monroe. Records available: 1946-50.

Jan. 3	91.07	Mar. 28	89.41	Aug. 22	96.11	Oct. 25	91.13
30	86.14	Apr. 25	88.95	Sept. 20	88.24	Nov. 29	92.90
Feb. 28	84.67	June 7	87.95	.....	.....	.....	.....

Ou-100. City of Monroe. NE₁ sec. 67, T. 18 N., R. 4 E., east end of Howard St. Records available: 1946-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	103.4	102.0	100.2	100.7	102.3	103.6	105.8	106.3	107.2	107.5	108.0	107.5
2	103.3	101.9	100.3	100.7	102.2	103.7	105.9	106.4	107.2	107.5	107.9	107.4
3	103.2	102.0	100.2	100.7	102.3	103.5	106.0	106.4	107.2	107.6	107.8	107.4
4	103.2	102.0	100.1	100.8	102.3	103.7	106.1	106.4	107.2	107.6	107.9	107.4
5	103.1	102.0	100.1	101.0	102.4	103.7	106.2	106.5	107.3	107.6	107.9	107.4
6	103.2	101.9	100.1	101.1	102.4	103.8	106.1	106.5	107.3	107.6	107.9	107.4
7	103.2	101.8	100.0	101.1	102.5	103.9	106.2	106.5	107.3	107.6	107.9	107.5
8	103.2	101.8	100.2	101.1	102.5	104.0	106.1	106.5	107.2	107.6	107.8	107.4
9	103.1	101.8	100.3	101.1	102.6	104.1	106.1	106.5	107.2	107.7	107.9	107.5
10	103.0	101.7	100.3	101.1	102.6	104.2	106.1	106.6	107.2	107.7	108.0	107.5
11	103.1	101.6	100.2	101.3	102.7	104.2	106.1	106.6	107.3	107.7	108.0	107.4
12	103.0	101.5	100.2	101.3	102.7	104.3	106.1	106.7	107.3	107.8	108.0	107.4
13	102.9	101.3	100.3	101.4	102.8	104.4	106.1	106.7	107.3	107.8	107.9	107.4
14	103.0	101.3	100.4	101.5	102.8	104.5	106.1	106.8	107.3	107.8	107.9	107.4
15	102.9	101.3	100.3	101.6	102.8	104.6	106.1	106.9	107.3	107.9	107.8	107.4
16	103.0	101.2	100.3	101.6	103.0	104.7	106.1	106.9	107.3	108.0	107.8	107.4
17	102.9	101.1	100.3	101.6	103.1	104.8	106.1	106.9	107.3	108.1	107.8	107.5
18	102.8	101.0	100.2	101.5	103.1	104.8	106.1	106.9	107.4	108.0	107.7	107.5
19	102.8	101.0	100.2	101.7	103.1	104.9	106.1	106.9	107.4	107.9	107.6	107.5
20	102.9	100.9	100.2	101.7	103.2	105.0	106.3	107.0	107.4	107.9	107.7	107.5
21	102.7	100.7	100.2	101.8	103.2	104.9	106.2	107.0	107.4	107.9	107.7	107.5
22	102.6	100.5	100.3	101.8	103.2	105.0	106.2	107.1	107.4	107.9	107.6	107.6
23	102.4	100.6	100.3	101.8	103.3	105.1	106.2	107.1	107.4	108.0	107.6	107.6

Cu-100--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
24	102.3	100.5	100.3	101.8	103.3	105.2	106.3	107.2	107.4	108.0	107.7	107.6
25	102.3	100.4	100.3	101.9	103.3	105.3	106.3	107.3	107.5	108.0	107.7	107.5
26	102.3	100.4	100.3	102.1	103.4	105.4	106.3	107.3	107.5	108.0	107.6	107.5
27	102.3	100.4	100.2	102.1	103.4	105.5	106.3	107.3	107.5	108.0	107.5	107.6
28	102.2	100.2	100.4	102.2	103.4	105.6	106.3	107.3	107.5	108.0	107.6	107.6
29	102.0		100.6	102.2	103.5	105.6	106.3	107.2	107.5	108.0	107.6	107.6
30	102.0		100.7	102.3	103.4	105.8	106.3	107.2	107.5	108.0	107.5	107.6
31	102.0		100.7		103.5		106.3	107.2		108.0		107.7

Ou-102. City of Monroe. NW corner sec. 6, T. 18 N., R. 4 E. Records available: 1946-50. Feb. 28, 86.37; Apr. 25, 88.71; July 4, 92.86; July 31, 92.93; Aug. 23, 93.63; Sept. 19, 94.31; Nov. 28, 94.20.

Ou-103. City of Monroe. NE corner sec. 49, T. 18 N., R. 4 E. Records available: 1947-49. Measurement discontinued.

Ou-120. S. H. Thatcher. SE corner sec. 39, T. 19 N., R. 3 E., 501 Speed Drive, Monroe. Records available: 1946-50.

Date	Water level	Date	Water level	Date	Water elvel	Date	Water level
Jan. 4	85.19	Mar. 27	84.98	July 4	88.14	Sept. 20	89.78
31	85.02	Apr. 25	85.83	31	88.52	Oct. 24	89.46
Feb. 28	84.78	June 6	86.86	Aug. 22	89.45	Nov. 28	90.36

Ou-133. Southern Carbon Co. Sec. 37, T. 19 N., R. 4 E. Records available: 1947-50.

Jan. 4	11.42	Mar. 28	9.19	July 4	9.10	Sept. 20	8.95
31	10.77	Apr. 25	9.25	31	9.27	Oct. 24	9.01
Feb. 28	9.83	June 6	9.05	Aug. 22	9.33	Nov. 28	8.97

Ou-141. Southern Carbon Co. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 19 N., R. 4 E. Records available: 1949-50.

Jan. 4	46.56	Mar. 28	47.07	July 4	48.01	Sept. 20	48.48
31	46.72	Apr. 25	46.73	31	48.71	Oct. 24	48.19
Feb. 28	47.00	June 6	46.84	Aug. 22	48.89	Nov. 28	48.57

Rapides Parish

R-15. City of Alexandria. In city park. Records available: 1948-49. Measurement discontinued.

R-21. City of Alexandria. Fourth and St. James Sts. Records available: 1938-50. Jan. 25, 87.04; Mar. 10, 83.71; Apr. 4, 83.11; May 1, 81.81; June 9, 78.33; Nov. 1, 142.76.

R-26. Missouri Pacific Railroad. Alexandria, North 13th St. Records available: 1938-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	109.7	107.6	106.1	106.9	107.1	108.9	110.5	112.8	125.2	123.9	126.1	117.2
2	109.6	107.6	106.1	106.9	107.0	107.0	110.6	113.9	125.0	125.0	126.8	117.2
3	109.4	107.6	106.1	106.8	107.0	106.9	110.7	115.0	122.5	123.4	127.0	117.0
4	109.3	107.6	106.1	106.9	107.1	106.7	110.6	115.8	120.9	122.1	126.8	116.9
5	109.2	107.6	106.1	107.0	107.1	106.6	110.6	115.9	120.4	121.4	124.5	116.7
6	109.2	107.5	106.0	107.1	107.0	106.6	110.5	114.9	122.4	122.5	123.7	116.6
7	109.3	107.4	106.0	107.1	107.4	106.7	110.6	114.8	123.6	123.5	125.3	116.5
8	109.2	107.4	106.1	107.2	107.5	106.9	110.6	115.8	124.3	124.9	126.3	116.5
9	109.1	107.4	106.2	107.3	106.3	107.1	110.7	116.4	124.3	125.5	125.6	116.5
10	108.9	107.4	106.3	107.3	106.3	107.2	110.7	118.4	122.0	125.0	125.3	116.5
11	108.8	107.4	106.4	107.3	106.4	107.5	110.6	119.1	121.3	123.6	124.3	116.4
12	108.7	107.3	106.4	107.3	106.2	107.6	110.7	119.8	123.3	123.8	122.8	116.2
13	108.6	107.0	106.4	107.4	106.2	107.6	110.9	118.0	123.8	124.0	121.9	116.2
14	108.6	107.0	106.4	107.4	105.9	107.7	110.9	117.4	124.6	123.7	121.2	116.1
15	108.5	107.1	106.3	107.7	105.4	109.0	111.0	119.4	125.4	122.5	120.8	116.0
16	108.4	107.1	106.3	107.6	104.9	110.3	111.0	120.7	125.4	122.2	120.4	115.9
17	108.2	107.1	106.2	107.3	104.9	109.7	110.9	121.7	123.3	123.0	120.1	115.8
18	108.1	107.2	106.2	107.5	104.9	109.5	110.9	122.2	122.6	123.3	119.8	115.7

R-26--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
19	108.1	107.1	106.2	107.5	105.2	109.3	110.9	122.2	124.5	124.9	119.4	115.6
20	108.2	107.0	106.2	107.4	105.5	109.3	111.0	120.2	125.5	125.8	119.2	115.5
21	108.2	106.8	106.2	107.4	105.6	102.2	111.1	119.6	126.1	125.8	119.0	115.4
22	108.0	106.6	106.3	107.4	105.6	109.2	111.2	121.5	126.6	123.5	118.7	115.4
23	108.0	106.6	106.4	107.1	105.7	109.4	111.3	122.9	126.4	122.8	119.6	115.2
24	107.9	106.5	106.5	107.1	105.8	109.6	111.4	123.7	124.1	124.6	118.4	115.2
25	107.9	106.4	106.6	107.0	106.2	109.7	111.7	124.4	124.0	125.6	119.2	115.1
26	107.9	106.4	106.7	107.1	106.4	109.8	114.5	124.5	123.3	126.2	118.0	114.9
27	107.9	106.2	106.7	107.2	106.6	109.9	116.1	122.2	122.4	126.4	117.8	114.8
28	107.9	106.1	106.7	107.2	106.8	110.0	114.6	121.1	121.8	125.9	117.6	114.6
29	107.8		106.8	107.2	106.9	110.2	113.7	123.0	121.4	123.8	117.5	114.5
30	107.7		106.9	107.2	106.8	110.4	113.3	124.2	121.5	123.4	117.3	114.5
31	107.5		106.9		106.8		113.1	124.7		125.0		114.5

a Tape measurement.

R-35. Pine Products Co. Alexandria. Records available: 1938-50. Jan. 25, 115.28; Mar. 10, 115.78; Apr. 4, 123.63; May 1, 126.84; June 9, 131.34; Nov. 1, 133.74.

R-43A. L. D. Kellogg. Kellogg Lumber Co., Ransville. Records available: 1946-49. Measurement discontinued.

R-132. Boyce Ice Co. In Boyce. Drilled unused industrial (ice manufacturing) well, depth 302 feet, diameter 8 inches. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	20.96	May 1	23.73	Aug. 2	25.24	Nov. 1	29.16
Mar. 2	19.48	June 8	23.73	25	27.54	Dec. 1	30.30
Apr. 4	23.13	July 7	22.02				

R-135. Arbuthnot Sawmill. Zimmerman. Records available: 1947-50.

Jan. 25	30.44	May 1	32.95	Aug. 2	32.15	Nov. 1	34.52
Mar. 2	28.14	June 8	30.90	25	33.22	Dec. 1	34.78
Apr. 4	31.65	July 6	33.15	Sept. 24	31.97		

R-344. Camp Livingston. NW corner sec. 3, T. 5 N., R. 1 E. Records available: 1944-50. Measurement discontinued after Aug. 25, 1950.

Jan. 7	159.50	Mar. 10	158.59	May 5	158.16	June 23	158.16
13	159.27	17	158.43	12	158.18	30	158.31
18	159.26	24	158.32	19	158.09	July 7	158.38
25	159.20	31	158.36	25	158.13	14	158.69
Feb. 3	159.12	Apr. 7	158.33	June 2	158.02	21	158.81
9	158.97	14	158.36	9	157.96	25	158.85
24	158.72	21	158.32	16	158.09	Aug. 25	159.29
Mar. 3	158.64	28	158.28				

R-347. Camp Claiborne. About 200 feet north of South St. and 75 feet west of I St. Records available: 1941-50. Measurement discontinued after July 25, 1950.

Jan. 7	62.98	Mar. 10	62.43	Apr. 29	61.90	June 16	61.55
13	62.87	17	62.32	May 5	61.86	23	61.46
18	62.88	24	62.22	12	61.86	30	61.46
26	62.90	31	62.24	19	61.75	July 7	61.46
Feb. 3	62.88	Apr. 7	62.19	25	62.07	14	61.43
9	62.81	14	62.14	June 2	61.65	21	61.44
27	62.61	21	62.04	9	61.59	25	61.49
Mar. 3	62.50						

R-366. Camp Claiborne. Observation well 11a, at Camp Claiborne. Records available: 1944-50. Measurement discontinued after July 25, 1950.

Jan. 7	55.72	Mar. 10	55.33	Apr. 29	54.89	June 16	54.67
13	55.44	17	55.34	May 5	54.97	23	54.61
18	55.58	24	55.22	12	54.85	30	54.59
26	55.60	31	55.20	19	54.83	July 7	54.53
Feb. 3	55.65	Apr. 7	55.16	25	55.82	14	54.45
9	55.50	14	55.14	June 2	54.71	21	54.40
27	55.37	21	55.03	9	54.76	25	54.36
Mar. 3	55.25						

R-381. Camp Livingston. About 100 feet west and 60 feet north of well 3NW (U. S. Geol. Survey well 355). Records available: 1942-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	67.25	Mar. 11	66.66	May 19	66.15	July 14	65.45
13	66.91	17	66.70	25	66.09	21	65.36
18	67.02	24	66.58	June 2	65.97	25	65.36
26	67.16	Apr. 7	66.56	9	65.90	Aug. 25	65.25
Feb. 3	67.16	14	66.47	16	65.82	Sept. 24	65.43
9	65.06	21	66.38	23	65.70	Oct. 23	65.70
24	66.96	28	66.32	30	65.62	Nov. 27	65.80
Mar. 3	66.83	May 5	66.24	July 7	65.48	Dec. 27	66.06
10	66.88	12	66.13				

R-429. Dept. of the Army. At Alexandria Air Base. Records available: 1949-50.
Jan. 25, 102.98.

R-453. City of Alexandria. Corner of Turegaeno and Overton Sts. Records available: 1949-50.

Jan. 7	5.49	Mar. 3	+0.83	Apr. 21	5.27	June 16	2.68
13	3.37	10	.56	May 5	3.32	23	3.69
18	1.99	17	1.41	12	1.51	30	5.75
26	1.40	24	1.73	19	1.29	July 7	6.11
Feb. 3	1.91	31	4.39	25	1.61	14	6.22
9	1.11	Apr. 7	4.60	June 2	1.43	21	7.05
24	+1.56	14	4.70	9	1.09	25	6.66

St. Charles Parish

Sc-6. Shell Oil Co. N $\frac{1}{2}$ sec. 6, T. 12 S., R. 8 E., 1,000 feet south of Louisiana & Arkansas Railway tracks. Records available: 1943-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	73.6	66.1	68.9	68.4	71.5	76.3	76.8	77.2	77.6	78.7	78.7	78.5
2	73.4	70.2	68.7	68.8	71.8	75.6	76.7	77.3	77.2	78.4	78.7	78.7
3	73.8	69.8	69.1	69.0	72.1	76.1	76.0	76.8	77.3	78.2	79.0	78.6
4	74.1	69.8	68.7	69.4	72.2	75.7	76.0	77.2	....	77.1	79.0	78.3
5	72.2	69.5	68.5	69.4	72.4	75.1	75.9	77.3	....	77.9	79.1	78.5
6	72.6	69.7	68.4	69.4	74.8	74.5	76.0	77.0	77.8	77.9	79.0	78.1
7	72.4	66.6	68.5	69.2	75.3	75.3	76.2	77.1	77.6	78.5	78.7	78.0
8	72.0	68.0	68.2	69.3	74.5	71.4	76.5	77.0	77.7	78.4	78.7	77.9
9	72.3	69.4	65.5	69.3	75.0	74.8	76.6	77.4	76.1	78.5	76.7	78.0
10	72.7	69.5	68.4	63.6	75.4	76.1	76.6	77.7	77.4	78.3	76.9	77.7
11	72.4	69.3	68.1	70.4	75.6	76.6	76.3	77.4	76.1	78.1	78.6	77.7
12	72.3	69.1	68.2	69.2	75.7	76.5	75.9	77.3	75.8	78.2	79.1	77.5
13	72.1	69.0	68.3	68.9	75.5	76.8	72.6	77.5	77.7	77.9	79.0	77.3
14	72.2	69.1	68.0	68.8	75.5	73.3	75.9	77.7	78.0	78.1	77.0	a78.8
15	72.2	69.2	68.6	68.9	75.5	74.7	76.4	77.8	78.1	78.2	76.5	77.4
16	71.8	69.0	68.6	68.9	75.6	75.4	76.5	77.9	78.3	78.4	78.1	78.1
17	71.9	69.1	68.9	68.5	75.4	75.5	76.5	77.1	78.5	78.4	78.7	78.2
18	71.9	68.9	69.5	68.5	75.5	75.3	76.9	77.3	78.5	78.3	79.0	78.4
19	71.8	69.0	69.3	68.5	75.6	75.0	76.8	77.4	78.6	78.4	78.9	77.6
20	71.5	69.1	69.2	68.6	75.6	73.4	75.6	77.9	77.9	78.8	74.4	76.7
21	71.3	68.9	69.1	69.1	75.4	71.7	77.2	78.0	78.6	78.7	73.5	72.3
22	71.5	68.9	69.4	69.0	74.5	70.5	76.6	77.8	78.7	79.0	76.1	76.3
23	71.6	68.8	69.2	69.1	75.4	74.1	78.5	78.0	78.8	78.7	78.1	76.5
24	71.7	71.1	69.0	69.2	75.8	75.1	77.3	78.2	78.8	77.5	78.4	76.8
25	71.0	68.4	68.9	70.2	75.8	75.8	78.5	78.3	78.9	77.1	78.7	76.6
26	72.9	68.4	67.5	71.0	76.0	76.0	78.5	78.2	78.7	76.1	78.8	76.5
27	66.2	68.4	68.9	69.5	76.0	76.5	75.4	78.1	....	78.4	78.6	76.3
28	66.3	68.9	68.9	69.2	75.9	76.5	74.8	77.9	78.4	78.7	78.8	75.1
29	68.4		69.2	69.7	76.1	76.3	77.0	78.1	78.5	79.0	78.9	76.5
30	66.3		65.7	70.1	76.0	76.5	77.1	78.3	78.6	78.7	78.9	77.5
31	69.3		68.3		75.9		77.4	77.9		78.7		77.2

a Tape measurement.

Sc-9. Shell Oil Co. N $\frac{1}{2}$ sec. 6, T. 12 S., R. 8 E. Drilled unused industrial well, depth 777 feet, diameter 10 inches. Records available: 1950.

Sc-9--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	Aug.	Sept.	Oct.	Nov.	Dec.
1	....	15.6	a14.5	15.0	19.1	19.6	....	19.7	20.5	21.4	20.8
2	....	15.4	....	14.9	19.2	19.5	....	19.6	20.2	21.3	20.8
3	....	17.0	....	14.9	19.3	19.6	....	19.6	20.0	21.3	20.7
4	....	17.5	....	14.8	19.3	19.5	....	19.5	20.0	21.4	20.7
5	....	17.6	....	14.8	19.3	19.4	....	19.6	20.5	21.5	20.7
6	....	16.0	....	14.7	19.4	19.4	....	a19.69	20.7	21.3	20.6
7	....	14.4	....	14.6	19.5	19.3	....	19.7	20.7	21.3	20.7
8	....	14.5	a17.3	14.6	19.3	17.5	....	19.7	20.7	21.3	20.8
9	14.4	....	....	14.6	19.3	18.9	....	19.7	20.7	21.4	20.7
10	16.7	....	17.2	14.6	19.3	19.3	....	19.7	20.7	21.4	20.8
11	16.8	....	17.4	16.1	19.3	19.4	....	19.7	20.8	21.1	20.6
12	16.8	....	17.6	17.4	19.3	19.4	....	19.7	20.9	21.1	20.8
13	15.0	....	17.8	17.8	19.3	19.5	....	19.9	20.9	21.0	20.8
14	....	....	17.6	18.0	19.2	19.4	....	20.0	20.9	20.9	20.8
15	a17.0	a17.0	15.5	18.1	19.3	19.1	....	20.0	20.9	20.9	20.8
16	16.1	....	15.9	18.2	19.3	19.2	....	20.0	21.0	20.9	20.7
17	14.4	....	15.2	18.2	19.3	19.2	....	20.1	21.0	21.0	20.8
18	a12.7	....	15.5	18.2	19.3	19.1	....	20.1	20.9	20.9	20.7
19	12.4	....	15.4	18.4	19.3	....	....	20.2	20.8	20.9	20.7
20	12.8	....	15.2	18.5	19.3	....	....	20.1	20.9	20.8	20.6
21	14.3	....	17.7	18.7	19.3	a19.2	....	19.0	21.0	20.8	a20.35
22	14.0	a14.5	18.3	18.8	19.2	18.7	....	20.2	21.1	20.8	20.5
23	....	....	18.4	18.8	19.3	....	....	20.2	21.1	20.9	20.5
24	....	14.3	18.5	18.6	19.4	....	....	20.2	21.2	20.9	20.5
25	a12.8	17.2	18.6	18.7	19.3	....	....	20.3	21.2	21.0	20.5
26	14.0	17.4	17.0	18.8	19.4	....	....	20.3	21.2	21.0	20.5
27	16.5	....	15.9	18.8	19.4	....	....	20.2	21.3	21.0	20.4
28	15.5	....	15.5	18.9	19.5	a19.6	....	a20.04	21.4	21.0	20.3
29	15.2	....	15.4	18.9	19.5	....	....	20.1	21.5	21.0	20.4
30	15.3	....	15.4	18.8	19.5	....	19.9	22.9	21.4	a20.91	20.5
31	15.2	....	15.2	....	19.6	....	19.8	....	21.4	....	20.5

a 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. Records available: 1944-50. Mar. 20, 41.84; June 28, 41.61; Sept. 27, 40.57; Dec. 12, 42.71.

SL-26. George Parker. Irregular sec. 71, T. 4 S., R. 5 E. Records available: 1944-50. Mar. 22, 43.30; June 30, 43.50; Sept. 28, 43.66; Dec. 11, 43.70.

SL-40. Dalfrey Bros. cotton gin. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 53, T. 7 S., R. 5 E. Records available: 1944, 1946-50. Mar. 20, 12.92; June 29, 13.30; Sept. 27, 16.52; Dec. 12, 17.35.

SL-43. E. C. Simmons. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 6 S., R. 2 E. Records available: 1944-50. Mar. 22, 64.61; June 28, 68.51; Sept. 29, 69.69; Dec. 12, 66.64.

SL-48. Sadie Fuselier. Formerly L. P. Erickson. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, T. 8S., R. 1 W. Records available: 1944-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22	58.52	Sept. 1	79.48	Oct. 13	70.88	Nov. 27	65.49
June 26	75.09	8	77.09	20	69.79	Dec. 4	64.53
July 28	84.54	15	76.83	27	68.63	11	63.89
Aug. 4	84.00	22	74.87	Nov. 13	66.60	18	63.36
11	84.83	27	73.44	20	65.79	26	62.71
17	83.15	Oct. 6	72.32				

SL-50. J. Morrison. SW $\frac{1}{4}$ sec. 49, T. 6 S., R. 1 E. Records available: 1947-50. Mar. 22, 63.29; June 26, 75.33; Sept. 26, 74.83; Dec. 11, 67.48.

SL-57. Sun Oil Co. Irregular sec. 37, T. 7 S., R. 4 E. Records available: 1944, 1947-50. Mar. 20, 44.23; June 28, 40.26; Sept. 27, 46.56; Dec. 12, 45.90.

SL-74. Albert Huckaby. Irregular sec. 84, T. 6 S., R. 4 E. Records available: 1949-50.

SL-74--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 20	33.13	Sept. 1	34.64	Oct. 13	35.60	Nov. 27	36.19
June 26	33.13	8	34.84	20	35.50	Dec. 4	36.20
July 28	34.01	15	35.18	27	35.74	11	36.17
Aug. 4	34.18	22	35.33	Nov. 6	35.80	18	36.07
11	34.42	27	35.38	13	35.90	26	35.94
17	34.43	Oct. 6	35.43	20	36.03		

SL-78. H. E. Lowrey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 2 S., R. 4 E. Records available: 1946-50. Mar. 22, 8.01. Measurement discontinued after Mar. 22, 1950.

SL-82. Jimmy M. Miller. Irregular sec. 58, T. 5 S., R. 4 E. Records available: 1949-50.

Feb. 20	65.84	Sept. 1	66.39	Oct. 20	66.32	Nov. 27	66.57
21	65.66	8	66.41	27	66.73	Dec. 4	66.55
Mar. 22	65.76	15	66.48	Nov. 6	66.54	11	66.45
June 29	65.77	28	66.52	13	66.53	18	66.78
Aug. 4	66.25	Oct. 6	66.49	20	66.54	26	66.44
11	66.28	13	66.65				

SL-86. Immaculate Conception School. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, T. 4 S., R. 5 E. Records available: 1948-50. Mar. 22, 11.50; June 30, 11.99; Sept. 28, 15.49; Dec. 11, 16.80.

SL-92. St. Landry Parish School Board. At public school in Arnaudville. Records available 1949. Measurement discontinued.

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 well, depth 300 feet, diameter 10 inches. Records available: 1950. Mar. 22, 58.71; June 26, 59.51; Sept. 29, 60.43; Dec. 12, 59.80.

SL-104. Joe A. Fontenot. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 3 S., R. 4 E. Drilled irrigation well, depth 230 feet, diameter 10 inches. Records available: 1950. May 19, 6.20; June 30, 5.93; Sept. 28, 7.77; Dec. 11, 6.82.

SL-120. Thistlewaite Planting Co. Center of irregular sec. 44, T. 4 S., R. 4 E. Drilled domestic well, depth 147 feet, diameter 4 inches. Records available: 1950. June 30, 34.96; Sept. 28, 15.48; Dec. 11, 17.58.

SL-126. E. Darby. W $\frac{1}{2}$ irregular sec. 62, T. 7 S., R. 5 E. Drilled industrial (cotton gin) well, depth 160 feet, diameter 4 inches. Records available: 1950. Dec. 12, 15.95.

SL-127. Pan-Am Production Co. Sec. 4, T. 6 S., R. 5 E. Drilled unused oil-field supply well, depth 160 feet, diameter 4 inches. Records available: 1950. Dec. 11, 6.99.

St. Martin Parish

SMn-20. Smedes Bros. Sugar Mill. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 11 S., R. 5 E., at Cade Station. Records available: 1944-50. Mar. 21, 18.71; June 29, 18.94; Sept. 28, 23.32; Dec. 13, 25.19.

SMn-51. People's Cotton Oil Co. Irregular sec. 71, T. 9 S., R. 5 E., 1.2 miles north-east of Champagne. Records available: 1944-50. Mar. 20, 0.99; June 29, 2.17; Sept. 27, 5.58; Dec. 12, 7.24.

SMn-62. Ernest Fuselier. T. 8 S., R. 6 E., 2.4 miles southeast of Arnaudville on State Highway 401. Records available: 1944-50. Mar. 20, 10.33; June 29, 11.08; Sept. 27, 14.66; Dec. 12, 15.62.

SMn-63. L. Charles Willis. Irregular sec. 47, T. 8 S., R. 6 E. Records available: 1944-50. Mar. 20, +0.04; June 29, 1.41; Sept. 27, 5.81; Dec. 12, 6.11.

SMn-68. A. R. Fuselier. Irregular sec. 7, T. 11 S., R. 7 E. Records available: 1944-50. Mar. 21, 2.88; June 29, 3.90; Sept. 28, 6.15; Dec. 13, 6.79.

SMn-86. Continental Oil Co. Irregular sec. 82, T. 10 S., R. 6 E. Records available: 1947-50. Mar. 21, 1.68; Sept. 28, 4.44; Dec. 13, 4.89.

SMn-88. Hunter Oil Co. Irregular sec. 72, T. 9 S., R. 5 E. Records available: 1949-50. Mar. 20, 5.35; June 28, 6.17; Sept. 27, 9.19; Dec. 12, 9.30.

St. Tammany Parish

St-2. Mayer Israel. Covington, NE $\frac{1}{4}$ sec. 7, T. 6 S., R. 11 E. Records available: 1939-50. Jan. 10, +79.5; Apr. 12, +79.1; June 20, +79.0; Sept. 11, +74.3; Oct. 28, +88.3.

St-6. Poitevent & Favre Lumber Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 7 S., R. 13 E., on south side of Highway 114. Records available: 1939-50. Jan. 10, +2.2; Apr. 18, +2.3; June 20, +3.1; Sept. 12, +1.6; Nov. 29, +1.0.

St-10. State Fish Hatchery. Lacombe. Sec. 38, T. 8 S., R. 12 E., south well. Records available: 1939-50. Jan. 10, +31.3; Apr. 18, +30.3; June 20, +30.9; Sept. 12, +30.3; Nov. 29, +29.5.

St-12. Techefunte State Park. Sec. 43, T. 8 S., R. 12 E. Records available: 1939-50. Jan. 10, +47.2; Apr. 18, +49.5; June 20, +49.6; Sept. 12, +48.4; Nov. 29, +47.8.

St-16. Great Southern Lumber Co. Sec. 29, T. 5 S., R. 13 E., 0.5 mile south and 1.5 miles west of Bush. Records available: 1939-50. Jan. 11, +28.5; Apr. 18, +29.7; June 21, +30.0; Sept. 12, +29.0; Nov. 29, +28.3.

St-38. Jesse Smith. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 7 S., R. 13 E. Records available: 1946-49. Measurement discontinued.

St-51. Leon Gibert. Sec. 42, T. 7 S., R. 11 E. Drilled domestic well, diameter 4 inches, depth 940 feet. Records available: 1950. Apr. 18, +83.2; June 20, +95.0; Sept. 12, +88.7; Nov. 28, +93.8.

St-95. McLane City Club. Sec. 44, T. 9 S., R. 14 E. Records available: 1947-50. Jan. 10, +6.0; Apr. 18, +5.9; June 20, +5.6; Sept. 12, +5.7; Nov. 29, +5.1.

St-117. Owner unknown. SE $\frac{1}{4}$ sec. 37, T. 8 S., R. 14 E. Records available: 1947-50. Jan. 10, +19.1; Apr. 18, +12.8; June 20, +18.5; Sept. 12, +17.9; Nov. 29, +17.9.

St-1020. H. D. Howser Estate. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, T. 7 S., R. 14 E. Records available: 1942-50. Jan. 10, +15.7; Apr. 18, +15.5; June 20, +17.0; Sept. 12, +13.0; Nov. 29, +13.6.

St-1043. A. T. Flot. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 6 S., R. 12 E. Drilled domestic well, diameter 2 $\frac{1}{2}$ inches, depth 648 feet. Records available: 1950. Apr. 18, +8.1; June 20, +10.9; Sept. 12, +10.4; Nov. 28, +9.8.

St-1150. H. Maitrejean. Sec. 37, T. 8 S., R. 13 E., Records available: 1947-49. Measurement discontinued.

Tangipahoa Parish

Ta-7. Town of Ponchatoula. Ponchatoula, about 50 feet west of pumping station. Records available: 1939-50. Jan. 10, +9.0; Apr. 12, +8.4; June 19, +8.1; Sept. 11, +4.7; Nov. 28, +6.7.

Ta-8. Louisiana Cypress Lumber Co. Ponchatoula. Records available: 1939-50. Jan. 10, +7.2; Apr. 12, +7.4; June 19, +6.9; Sept. 11, +7.0; Nov. 28, +6.7.

Ta-17. Carl Blumquist. Center of NE $\frac{1}{4}$ sec. 6, T. 6 S., R. 8 E., in field corner. Records available: 1939-50. Jan. 10, +3.2; Apr. 12, +4.2; June 19, +3.3; Sept. 11, +2.3; Nov. 28, +2.0.

Ta-19. V. Stevens. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 7 S., R. 8 E., in field. Records available: 1939-50. Jan. 10, +19.1; Apr. 12, +19.5; June 20, +17.6; Sept. 11, +16.3; Nov. 28, +15.6.

Ta-21. Burns Davis. N $\frac{1}{2}$ irregular sec. 54, T. 7 S., R. 7 E. Records available: 1939-50. Jan. 10, +7.5; Apr. 12, +7.0; June 19, +7.4; Nov. 28, +5.7.

Ta-23. Otto Bignor. South line of sec. 50, T. 7 S., R. 7 E. Records available: 1939-50. Measurement discontinued.

Ta-24. Clyde Starkey. Center of sec. 53, T. 7 S., R. 7 E. Records available: 1939-50. Jan. 10, +4.8; Apr. 12, +5.4; June 19, +5.4; Sept. 11, +3.9.

Ta-242. Byron Stevens. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 7 S., R. 8 E. Records available: 1945-50. Jan. 10, +13.5; Apr. 12, +12.8; June 19, +12.4; Sept. 11, +10.2; Nov. 28, +10.3.

Ta-246. Town of Roseland. Roseland. Records available: 1949-50. Jan. 11, +48.9; Apr. 19, +48.9; June 21, +50.9; Sept. 13, +48.8; Nov. 29, +51.1.

Ta-248. Town of Amite. In Amite, at intersection of U. S. Highway 51 and State Highway 35. Drilled public-supply well, diameter 8 inches, depth 1,585 feet. Records available: 1950. Mar. 15, +71.8; Apr. 19, +65.0; June 21, +65.9.

Vermilion Parish

Ve-5. Town of Abbeville. Sec. 49, T. 12 S., R. 3 E. Drilled unused public-supply well, diameter 10 inches, depth 214 feet. Records available: 1950. Dec. 14, 10.08.

Ve-22. Maurice Ginning Co. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 11 S., R. 3 E. Maurice. Records available: 1944-50. Mar. 23, 19.37; June 27, 19.59; Sept. 28, 20.80; Dec. 13, 20.43.

Ve-28. Corps of Engineers, U. S. Army. At Vermilion Locks on Intracoastal Canal. Records available: 1944-50. Mar. 21, 3.73; June 27, 4.08; Sept. 28, 5.05; Dec. 14, 5.27.

Ve-30. S. Hebert. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 14 S., R. 3 E. Records available: 1946-50. Mar. 21, 2.32; June 27, 2.81; Sept. 28, 4.53; Dec. 14, 3.94.

Ve-31. Vermilion Parish School Board. Sec. 28, T. 13 S., R. 3 E. Drilled public-supply well, diameter 2 inches, depth 128 feet. Records available: 1950. Dec. 14, 6.30.

Ve-41. C. Foreman. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 11 S., R. 2 E. Records available: 1944-50. Mar. 23, 26.38; June 27, 29.82; Sept. 28, 30.37; Dec. 13, 28.40.

Ve-57. Onezie Vincent. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 32, T. 11 S., R. 3 E. Records available: 1947-50. Mar. 23, 20.10; June 27, 21.43.

Ve-78. J. F. Noel. Irregular sec. 14, T. 13 S., R. 3 E., 1.5 miles south of Perry. Records available: 1944-50. Mar. 21, 7.67; June 27, 8.17; Sept. 28, 9.83; Dec. 14, 9.83.

Ve-106. H. Dubois. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 12 S., R. 2 E. Records available: 1944-50. Mar. 23, 11.72; June 27, 13.14; Sept. 28, 14.63; Dec. 13, 14.39.

Ve-120. Erath Sugar Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 12 S., R. 4 E. Erath. Records available: 1944-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.6	8.1	7.6	7.1	7.0	8.6	8.7	9.4	9.7	9.5	10.0	...
2	8.6	8.1	7.6	7.1	7.0	8.6	8.7	9.6	9.6	9.5	10.1	...
3	8.5	8.1	7.6	7.1	7.1	8.4	8.8	9.7	9.6	9.5	10.0	...
4	8.5	8.1	7.5	7.1	7.1	8.4	8.9	9.9	9.6	9.5	10.1	...
5	8.5	8.0	7.5	7.2	7.1	8.3	8.9	9.9	9.5	9.5	10.0	...
6	8.3	8.0	7.4	7.2	7.2	8.2	9.0	9.9	9.5	9.5	10.1	...
7	8.4	7.9	7.4	7.2	7.2	8.2	9.0	9.9	9.4	9.5	10.1	...
8	8.4	7.9	7.5	7.2	7.3	8.2	9.1	9.9	9.4	9.5	10.2	...
9	8.3	7.9	7.5	7.2	7.4	8.2	9.2	9.9	9.5	9.5	10.1	...
10	8.3	7.9	7.5	7.2	7.6	8.3	9.4	9.9	9.5	9.5	9.9	...
11	8.3	7.8	7.4	7.2	7.8	8.3	9.2	9.9	9.5	9.5	10.2	...
12	8.3	7.8	7.4	7.3	7.8	8.2	9.4	9.9	9.6	9.5	10.2	...
13	8.2	7.6	7.4	7.3	7.8	8.2	9.1	9.8	9.6	9.6	10.2	9.8
14	8.2	7.7	7.4	7.3	7.8	8.3	9.0	9.8	9.7	9.6	10.2	9.6
15	8.2	7.8	7.4	7.3	7.8	8.3	8.9	9.7	9.8	9.5	10.2	9.6
16	8.2	7.8	7.3	7.2	7.7	8.4	8.9	9.7	9.8	9.6	10.2	9.5
17	8.2	7.8	7.3	7.1	7.8	8.5	8.8	9.8	9.9	9.7	10.1	9.5
18	8.2	7.8	7.3	7.1	7.9	8.5	8.8	9.8	9.9	9.6	10.1	9.5
19	8.2	7.8	7.1	7.1	8.0	8.4	8.8	9.8	9.9	9.6	10.0	9.4
20	8.3	7.8	7.2	7.2	8.1	8.3	8.9	9.8	9.9	9.8	9.9	9.3
21	8.3	7.7	7.1	7.2	8.2	8.4	9.0	9.7	9.9	9.9	9.9	9.3
22	8.2	7.6	7.2	7.2	8.2	8.4	9.1	9.7	9.9	9.6	....	9.3
23	8.2	7.7	7.2	7.2	8.3	8.4	9.1	9.8	9.9	9.9	....	9.3
24	8.2	7.6	7.1	7.1	8.3	8.5	9.1	9.8	9.9	10.0	....	9.3
25	8.2	7.7	7.1	7.1	8.4	8.5	9.1	9.9	9.8	10.0	....	...
26	8.2	7.6	7.1	7.1	8.5	8.5	9.1	9.9	9.8	10.0	....	...
27	8.2	7.7	7.1	7.1	8.6	8.5	9.1	9.9	9.7	10.0	....	...
28	8.2	7.6	7.1	7.1	8.6	8.5	9.2	9.9	9.6	10.0	....	...
29	8.1		7.2	7.1	8.6	8.5	9.2	9.7	9.6	10.1	....	...
30	8.1		7.2	7.0	8.6	8.6	9.2	9.7	9.6	9.8	....	...
31	8.1		7.2		8.6		9.3	9.7		10.1		...

Ve-124. Dr. G. L. Gardiner. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, T. 12 S., R. 2 W. Records available: 1945-50. Mar. 21, 9.62; June 27, 11.94; Sept. 27, 14.31; Dec. 13, 12.56.

Ve-126. Magnolia Petroleum Co. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 12 S., R. 2 W. Records available: 1945-49. Measurement discontinued.

Ve-127. Loffland Bros. Sec. 33, T. 11 S., R. 1 W. Records available: 1945-50. Recording gauge removed Jan. 16, 1950.

Daily noon water level, from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	11.5	Jan. 6	10.9	Jan. 11	10.9	Jan. 16	11.0
2	11.4	7	10.8	12	11.1	June 27	a18.18
3	11.4	8	10.8	13	11.0	Sept. 27	a20.13
4	11.4	9	10.8	14	11.1	Dec. 13	a20.20
5	11.3	10	10.9	15	11.0		

a Tape measurement.

Ve-128. Charles Stancil. NE $\frac{1}{4}$ sec. 33, T. 11 S., R. 1 W. Records available: 1946-50. Mar. 27, 14.08; Sept. 27, 16.00; Dec. 14, 17.15.

Ve-129. J. D. Vondenstein. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 13 S., R. 2 W. Records available: 1948-50. Mar. 21, 6.87; June 27, 8.34; Sept. 27, 10.83; Dec. 13, 9.44.

Ve-218. Allabiade Butaud. South part of irregular sec. 45, T. 13 S., R. 4 E. Drilled unused domestic well, diameter 4 inches, depth 500 feet. Records available: 1950. Dec. 14, 10.66.

Ve-238. Mayo D. Broussard. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 11 S., R. 3 E. Drilled domestic well, diameter 2 inches, depth 170 feet. Records available: 1950. Dec. 14, 14.80.

Ve-284. Alphe Broussard. Fork Island. T. 14 S., R. 1 E. Drilled unused irrigation well, diameter 8 inches, depth 221 feet. Records available: 1950. Mar. 21, 1.56; June 27, 1.99; Dec. 11, 3.05.

Ve-333. J. Herpin. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35, T. 11 S., R. 1 E. Records available: 1948-50. Mar. 21, 15.69; June 27, 19.53; Sept. 27, 20.96; Dec. 11, 18.78.

Ve-460. Acadia-Vermilion Rice Irrigation Co. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 13 S., R. 2 E. Records available: 1948-50. Recording gauge installed Jan. 17, 1950.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	....	9.0	8.7	8.5	....	10.0	10.4	10.9	11.3	11.7	11.7
2	....	9.0	8.8	8.4	....	....	10.5	10.9	11.3	11.7	11.6
3	....	9.0	8.7	8.5	....	10.1	10.7	10.9	11.3	11.7	11.6
4	....	9.0	8.6	8.5	....	10.1	10.7	10.9	11.3	11.7	11.5
5	....	9.0	8.6	8.6	....	10.2	10.6	10.9	11.3	11.7	11.5
6	....	9.0	8.6	8.7	....	10.2	10.6	11.0	11.3	11.7	11.3
7	....	8.9	8.5	8.8	....	10.2	10.5	11.0	11.4	11.7	11.3
8	....	8.9	8.5	8.8	....	10.2	10.5	11.0	11.4	11.7	11.2
9	....	9.0	8.6	8.9	....	10.1	10.5	11.0	11.4	11.7	11.2
10	....	9.0	8.6	8.8	....	10.1	10.5	11.0	11.4	11.8	11.2
11	....	9.0	8.5	8.9	....	10.3	10.5	11.1	11.4	11.8	11.0
12	....	8.9	8.5	9.1	....	10.4	10.5	11.1	11.4	11.8	11.0
13	....	8.8	8.5	9.3	....	10.4	10.6	11.1	11.5	11.8	11.0
14	....	8.9	8.5	9.3	....	10.2	10.6	11.2	11.5	11.8	11.0
15	....	8.9	8.4	9.3	....	10.2	10.6	11.2	11.5	11.8	11.0
16	....	8.9	8.4	9.4	....	10.2	10.7	11.2	11.5	11.8	11.0
17	....	8.9	8.5	9.4	....	10.1	10.7	11.3	11.6	11.8	11.0
18	9.3	8.9	8.4	a9.23	....	10.1	10.7	11.3	11.5	11.7	11.0
19	9.3	8.9	8.3	....	....	10.0	10.8	11.4	11.5	11.7	10.9
20	9.3	8.8	8.3	....	....	10.0	10.8	11.4	11.5	11.7	10.9
21	9.3	8.8	8.3	....	....	10.0	10.8	11.4	11.5	11.7	10.8
22	9.3	8.7	8.3	....	....	10.0	10.9	11.4	11.5	11.7	10.8
23	9.2	8.7	8.3	....	....	10.1	11.0	11.4	11.6	11.7	10.8
24	9.2	8.7	8.3	....	....	10.3	10.9	11.4	11.6	11.7	10.7
25	9.2	8.7	8.3	....	....	10.5	10.9	11.5	11.6	11.7	10.6
26	9.2	8.7	8.3	....	....	10.4	10.9	11.5	11.7	11.7	10.6
27	9.1	8.8	8.2	....	9.6	10.4	10.9	11.4	11.7	11.7	10.6
28	9.1	8.7	8.2	....	9.6	10.4	10.9	11.4	11.7	11.7	10.5

Ve-460--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
29	9.1		8.3	....	9.7	10.3	10.9	11.3	11.7	11.7	10.5
30	9.0		8.4	....	9.9	10.3	10.9	11.3	11.7	11.7	10.5
31	9.0		8.4			10.3	10.9		11.7		10.4

a Tape measurement.

Ve-499. Magnolia Petroleum Co. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 12 S., R. 2 W. Drilled unused oil-field supply well, diameter 4 inches, depth 200 feet. Records available: 1950. June 27, 12.82; Sept. 27, 15.87; Dec. 14, 13.11.

Ve-507. Jonas Weill. Sec. 55, T. 13 S., R. 3 E. Dug domestic well, diameter 4 inches, depth 22 feet. Records available: 1950. Dec. 14, 5.51.

Ve-510. Rice Bowl Sales & Terminal Co. East end of irregular sec. 52, T. 12 S., R. 2 E. Drilled industrial and public-supply well, diameter 6 inches, depth 280 feet. Records available: 1950. Dec. 13, 9.88.

Be-513. The Texas Co. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 20, T. 13 S., R. 4 E. Drilled unused oil-field supply well, diameter 4 inches, depth 210 feet. Records available: 1950. Dec. 14, 10.23.

Ve-514. The Texas Co. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 13 S., R. 4 E. Drilled unused oil-field supply well. Diameter 4 inches, depth 210 feet. Records available: 1950. Recording gage installed Nov. 16, 1950.

Daily noon water level, from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 17	12.7	Dec. 1	13.6	Dec. 10	13.6	Dec. 20	13.0
18	12.7	2	13.6	11	13.6	21	12.8
19	12.5	3	13.5	13	13.2	22	12.9
20	12.7	4	13.2	14	13.1	23	12.8
21	10.3	5	12.8	15	13.2	28	12.8
27	11.6	6	13.5	16	13.3	29	12.8
28	13.6	7	13.4	17	13.3	30	12.8
29	13.7	8	13.3	18	13.4	31	12.9
30	13.6	9	13.5	19	13.4		

Ve-516. The Texas Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 13 S., R. 4 E. Drilled unused oil-field supply well, diameter 4 inches, depth 210 feet. Records available: 1950. Dec. 14, 12.33.

Washington Parish

Wa-7. Gaylord Container Corp. Bogalusa. Records available: 1949-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	....	6.8	5.3	....	3.6	4.7	8.2	6.4	7.1	8.0	9.1	8.5
2	....	6.9	5.4	....	3.5	4.7	6.9	5.4	6.7	8.0	9.1	8.5
3	....	7.0	5.1	....	4.0	4.7	8.0	5.2	6.3	8.1	2.3	8.5
4	....	7.1	4.7	....	2.9	4.5	7.9	7.0	6.0	8.1	....	8.4
5	....	7.1	5.1	....	4.9	4.4	6.8	6.8	5.9	8.2	....	8.5
6	....	3.8	5.3	....	5.3	5.1	6.8	6.9	5.7	8.1	....	8.4
7	....	b.3	5.5	....	5.6	5.5	7.0	6.8	5.5	8.3	....	8.3
8	....	b.3	5.2	....	2.7	5.8	7.3	6.9	5.4	8.3	....	8.6
9	....	b.3	4.8	....	5.7	6.0	7.5	7.2	5.4	8.4	....	8.4
10	....	b.3	4.5	....	6.0	5.6	7.6	7.5	5.4	8.5	....	8.5
11	....	b.3	4.3	....	6.2	5.8	7.7	7.6	5.4	8.6	....	8.5
12	4.9	b.3	4.1	....	5.8	6.5	7.9	7.8	5.4	8.6	....	8.5
13	4.8	b.3	4.0	....	5.2	6.6	7.9	7.9	4.4	8.7	....	8.5
14	4.9	1.6	4.0	....	4.9	6.8	7.9	7.9	4.6	8.8	....	8.5
15	4.6	3.1	4.0	....	4.6	6.9	7.9	8.0	4.5	8.9	....	8.5
16	4.0	3.5	3.6	....	4.8	7.0	7.4	8.1	4.9	9.0	....	8.5
17	4.3	4.0	3.6	....	5.3	7.2	7.9	8.1	5.0	9.0	....	8.5
18	4.7	4.6	4.2	a5.3	5.7	7.3	7.9	8.1	4.4	8.9	....	8.5
19	4.4	4.5	....	5.6	6.0	7.4	8.0	8.1	4.8	8.9	....	8.5
20	5.2	4.2	....	5.1	6.2	7.4	8.0	8.2	6.3	8.9	....	8.5
21	5.6	2.9	....	4.8	6.5	7.5	8.0	8.1	6.8	9.0	....	8.5
22	5.8	3.1	....	4.5	6.6	7.6	8.1	8.2	6.9	9.0	....	8.4
23	5.9	3.3	....	3.8	6.6	7.6	8.2	8.2	7.2	9.0	....	...

Wa-7--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
24	6.1	3.9	....	3.9	5.6	7.7	8.2	8.2	7.4	9.0	....	....
25	6.1	4.5	....	3.9	4.6	7.9	8.2	8.2	7.6	9.0	....	....
26	6.2	4.8	....	3.8	5.2	7.9	8.1	8.3	7.5	9.0	....	....
27	6.4	5.1	....	3.8	5.2	8.0	8.1	8.3	7.7	9.0	....	....
28	6.4	5.2	....	3.8	5.1	8.0	8.0	8.3	7.8	9.0	....	....
29	6.5	....	....	3.8	4.9	8.1	7.0	8.2	7.8	9.0	....	....
30	6.6	....	....	3.7	4.8	8.2	6.1	8.2	7.9	9.0	8.6	....
31	6.7	....	....	....	....	....	5.4	7.8	....	9.0	....	....

a Tape measurement.

b Flowing.

Wa-14. Town of Bogalusa. Intersection of Robinson and Madison Sts., Bogalusa. Drilled public-supply well, diameter 12 inches, depth 680 feet. Records available: 1950. Mar. 16, +17.7; Apr. 18, +15.9.

Wa-15. Town of Bogalusa. Bogalusa intersection of North Ave. and Warren St. Drilled unused public-supply well, diameter 12 inches, depth 770 feet. Records available: 1950. Mar. 16, +18.3; Apr. 18, +29.8; Sept. 12, +16.8; Nov. 29, +9.9.

Wa-18. Town of Franklinton. 50 feet south of reservoir. Records available: 1949-50. Jan. 11, +33.5; Apr. 19, +33.2; June 21, +35.6; Sept. 13, +34.5; Dec. 29, +34.1.

Wa-38. Town of Franklinton. 75 feet east of reservoir. Records available: 1949-50. Jan. 11, +44.3; Apr. 19, +44.3; June 21, +46.1; Sept. 13, +44.9; Nov. 29, +44.9.

Wa-41. Town of Bogalusa. Intersection of Madison and Robertson Sts., NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 46, T. 3 S., R. 13 E. Drilled public-supply well, diameter 12 inches, depth 1,442 feet. Records available: 1950. Mar. 16, +33.4.

Wa-43. V. A. Talley. Center N $\frac{1}{2}$ sec. 44, T. 4 S., R. 13 E. Drilled domestic well, diameter 2 inches, depth 420 feet. Records available: 1950. June 21, +30.3; Sept. 12, +31.0; Nov. 29, +30.7.

Webster Parish

Wb-2. City of Springhill. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 23 N., R. 11 W. Records available: 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	169.88	Mar. 30	168.91	July 5	162.22	Sept. 22	163.79
Feb. 2	163.06	Apr. 27	167.85	Aug. 1	162.85	Oct. 27	163.71
Mar. 1	167.06	June 7	159.46	Aug. 24	163.75	Nov. 30	163.45

Wb-3. City of Springhill. Sec. 11, T. 23 N., R. 11 W. Drilled public-supply well, diameter 9 inches, depth 340 feet. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 1	113.06	July 5	106.18	Aug. 24	115.88	Oct. 27	107.82
Apr. 27	110.31	Aug. 1	120.88	Sept. 22	112.63	Nov. 30	105.59
June 7	110.49						

Wb-15. International Paper Co., Southern Kraft Division. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 23 N., R. 11 W. Records available: 1945-50. Jan. 5, 115.38; Feb. 2, 115.84; Mar. 1, 116.05; Mar. 29, 116.04; Apr. 27, 115.69; June 7, 115.52.

Wb-27. International Paper Co., Southern Kraft Division. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 23 N., R. 11 W. Records available: 1947-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	126.0	133.4	....	130.2	120.2	129.1	128.4	129.8	126.7	123.9	130.0	127.1
2	126.5	133.5	135.1	130.2	119.6	129.2	128.4	129.8	126.8	124.0	129.9	127.1
3	126.7	133.5	135.1	130.1	119.3	129.2	128.6	128.6	126.7	124.0	130.1	127.3
4	127.3	133.6	135.1	130.2	118.9	129.3	120.5	127.9	126.6	124.2	130.1	127.3
5	127.5	133.5	135.1	130.4	118.9	129.2	123.5	127.4	116.1	124.1	130.2	127.4
6	127.7	133.4	135.0	130.6	118.6	129.2	127.9	127.3	125.7	124.2	130.0	121.9
7	127.9	133.0	134.7	129.9	118.4	129.2	128.6	118.4	126.7	124.3	129.9	119.9
8	128.3	133.1	130.3	129.6	118.4	129.3	129.0	125.5	127.1	124.3	130.1	119.0
9	128.3	133.1	132.7	129.7	118.3	129.3	129.5	126.2	127.3	124.4	130.2	118.5
10	128.1	133.0	134.3	129.7	118.0	129.3	129.6	126.6	123.4	124.3	130.5	118.0

Wb-27--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	128.2	132.9	135.5	129.7	118.1	129.3	129.8	126.7	122.3	124.4	130.4	117.6
12	120.4	132.7	136.5	129.7	123.8	129.3	130.0	126.9	121.8	124.3	130.4	117.3
13	132.4	132.5	136.9	129.9	125.0	129.3	130.1	126.8	120.8	124.4	129.0	117.0
14	134.0	132.5	137.5	129.9	125.6	129.2	130.1	126.9	120.8	125.4	128.3	117.0
15	134.7	132.7	137.9	129.9	126.0	129.1	130.2	127.2	120.8	128.7	127.8	116.9
16	135.3	133.1	138.2	129.8	126.2	129.3	130.3	127.2	120.5	128.9	127.5	116.8
17	135.4	132.9	138.5	129.8	126.5	129.3	130.4	127.1	120.6	129.0	127.3	116.6
18	135.7	130.9	138.8	129.6	127.3	129.3	130.4	126.4	120.4	129.3	127.3	116.8
19	135.8	130.0	139.3	129.6	127.7	127.5	130.4	127.2	121.0	129.2	126.8	116.5
20	136.0	129.9	139.5	129.6	128.1	128.2	130.5	127.3	124.4	129.4	126.8	116.5
21	134.8	132.0	132.2	129.6	128.3	128.2	130.4	127.4	126.1	129.5	127.0	116.5
22	134.3	132.9	130.9	129.6	128.5	128.1	130.7	127.3	126.8	129.5	126.6	116.5
23	133.7	133.6	130.2	129.6	128.6	128.1	130.8	127.2	126.9	129.7	126.4	116.5
24	133.4	134.1	129.5	129.4	128.7	128.4	131.0	127.4	127.5	129.8	126.5	116.2
25	133.5	134.3	129.2	129.5	128.6	128.5	131.0	127.3	127.9	129.8	126.4	116.2
26	133.5	134.6	129.1	129.4	128.8	128.3	131.0	127.4	120.9	130.0	126.1	112.8
27	133.5	134.7	129.1	129.4	126.4	128.2	130.7	127.3	117.1	130.0	126.1	114.1
28	133.3	134.6	129.3	129.3	128.2	124.2	130.9	127.2	115.6	130.0	126.2	114.7
29	133.2		129.9	123.1	128.3	128.2	130.2	127.1	122.8	130.1	126.7	115.2
30	133.4		130.2	121.6	127.8	128.4	130.0	126.9	123.7	130.1	127.0	115.3
31	133.2		130.3		128.8		129.8	126.9		129.9		115.3

Wb-91. International Paper Co., Southern Kraft Division. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 23 N., R. 11 W. Records available: 1945-50. Measurement discontinued Aug. 1, 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	160.09	Mar. 1	158.28	Apr. 27	157.01	July 5	162.91
Feb. 2	159.02	29	156.65	June 7	160.59	Aug. 1	164.06

Wb-94. Town of Springhill. Sec. 11, T. 23 N., R. 11 W. Drilled public-supply well, diameter 9 inches, depth 408 feet. Records available: 1950.

Mar. 1	93.25	June 7	89.91	Aug. 1	99.27	Sept. 22	96.05
Apr. 27	91.23	July 5	100.66	24	98.24	Oct. 27	96.54

Wb-95. International Paper Co., Southern Kraft Division. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 23 N., R. 11 W. Records available: 1947-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	66.9	66.9	....	65.3	65.3	....	63.8	61.9	61.4	61.8	61.9	62.3
2	66.8	67.0	66.3	65.1	65.1	....	63.8	61.9	61.4	61.9	61.8	62.2
3	66.6	67.2	66.0	64.9	65.1	....	62.3	61.9	61.5	61.8	61.9	62.6
4	67.0	67.1	66.0	65.3	65.1	....	64.3	61.8	61.6	61.8	62.1	62.4
5	67.2	66.9	66.0	65.7	65.1	....	62.9	61.9	61.6	61.8	62.1	62.4
6	67.4	66.6	65.7	65.8	65.2	....	63.0	61.9	61.6	61.6	62.1	62.9
7	67.8	66.5	65.4	65.5	65.2	a63.94	63.0	61.9	61.5	61.6	62.0	62.8
8	67.5	66.5	66.2	65.4	65.2	64.0	63.0	61.5	61.4	61.6	61.9	62.7
9	67.2	66.6	66.3	65.3	65.1	64.1	62.9	61.7	61.4	61.6	62.3	62.9
10	67.5	66.7	66.1	65.2	....	64.1	62.8	61.6	61.5	61.6	62.6	62.9
11	67.6	66.5	65.7	65.5	....	64.0	62.8	61.7	61.6	61.5	62.6	62.6
12	67.3	66.1	65.8	65.5	....	63.9	62.7	61.7	61.7	61.6	62.5	62.7
13	67.2	66.2	66.2	65.5	....	63.8	62.7	60.3	61.8	61.7	62.5	62.7
14	67.5	66.5	66.1	65.6	....	63.9	62.6	61.5	61.8	61.6	62.4	62.8
15	67.1	66.5	65.7	65.5	....	63.9	60.9	61.5	61.7	61.6	62.4	62.8
16	67.5	66.5	65.9	65.4	....	63.9	61.9	61.6	61.9	61.7	62.6	62.9
17	67.2	66.3	65.8	65.2	....	63.8	62.2	61.5	61.9	61.8	62.6	63.0
18	66.9	66.3	65.3	65.2	....	63.7	60.6	61.5	62.0	61.8	62.3	63.2
19	67.2	66.4	65.5	65.5	....	63.7	60.7	61.5	62.0	61.6	62.0	63.0
20	67.4	66.2	65.5	65.5	....	63.7	60.4	61.6	61.8	61.6	62.6	63.0
21	67.2	65.7	65.5	65.4	....	63.7	60.2	61.6	61.8	61.6	62.7	63.1
22	66.9	65.8	65.1	65.4	....	63.8	60.0	61.5	61.8	61.8	62.5	63.1
23	66.6	65.9	64.8	65.2	....	63.6	59.8	61.6	61.9	62.1	62.5	63.0
24	66.5	65.9	64.8	64.9	....	63.8	59.8	61.5	62.0	62.1	63.0	62.9
25	66.6	65.9	64.9	65.2	....	63.8	61.2	61.5	62.1	62.0	62.7	62.8
26	67.0	66.1	65.2	65.2	....	63.8	61.4	61.6	62.1	61.9	62.6	61.5
27	67.2	66.0	65.3	65.2	....	63.8	61.5	61.6	62.0	61.9	62.6	62.6
28	66.8	65.7	65.0	65.2	....	63.9	61.5	61.5	62.0	61.9	62.6	62.4

Wb-95--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
29	66.6		65.6	65.2	....	63.7	61.5	61.4	61.9	62.1	62.6	62.5
30	66.7		65.8	65.3	....	63.8	61.5	61.3	61.8	62.0	62.4	62.6
31	66.8		65.4		....		61.7	61.2		62.0		62.6

a Tape measurement.

Wb-96. Town of Cotton Valley. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.34, T. 21 N., R. 10 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	24.64	Mar. 29	22.82	July 5	22.66	Sept. 21	22.86
Feb. 1	23.62	Apr. 26	22.41	Aug. 1	23.03	Nov. 30	31.71
Mar. 1	22.87	June 7	21.91	24	23.16	-	

West Baton Rouge Parish

WBR-5. Town of Port Allen. Sec. 66, T. 7 S., R. 12 E. About 20 feet south of reservoir behind pumping plant. Records available: 1943-47, 1949-50. Mar. 17, +18.35; June 14, +16.25; Sept. 14, +17.28.

Winn Parish

W-2. Town of Winnfield. 40 feet north of town reservoir. Records available: 1949-50.

Jan. 6	31.88	Apr. 28	29.66	Aug. 2	30.47	Oct. 27	36.37
Mar. 2	30.75	June 8	29.43	25	33.13	Dec. 1	32.77
30	29.97	July 6	29.68	Sept. 22	31.39		

OKLAHOMA

By J. E. Barclay

Scope of Water-Level Program

The observation-well program in Oklahoma, begun in 1934, was continued in 1950. The Department of Agronomy of the Oklahoma Agricultural and Mechanical College cooperated in the Stillwater Creek Basin program. The Oklahoma Planning and Resources Board cooperated in measurements made in Major, Garfield, and Kingfisher Counties. The remainder of the program was carried on in cooperation with the State Geological Survey. The location of the observation wells are shown in figure 12.

A report entitled "Ground Water in the Cherokee Area, Alfalfa County, Oklahoma," by Stuart L. Schoff, and a report on "Ground Water in the Pond Creek Basin, Caddo County, Oklahoma," by Leon V. Davis, were published as Oklahoma Geological Survey Mineral Reports 21 and 22.

Precipitation

Total precipitation during the year at U. S. Weather Bureau stations in the State averaged 34.89 inches, 1.50 inches above, or 104 percent of normal. The western part of the Panhandle, areas in the east-central, and the southeastern corner of the State averaged more than 130 percent of normal. Departure from normal precipitation at four stations ranged from +8.65 inches at Boise City to +10.00 inches at Goodwell. Along the North Canadian River Valley, from Oklahoma City upstream to Beaver, the precipitation at nine stations in 1950 ranged from 18.47 inches (Laverne) to 32.53 inches (Geary) and averaged 27.19 inches. Departure from normal at five stations ranged from -1.53 inches at Canton to +5.80 inches at Woodward. In the vicinity of Oklahoma City and Norman, five stations reported precipitation ranging from 27.58 inches (lake Overholser) to 33.52 inches (Oklahoma City). Departure from normal precipitation was +2.37 inches at Oklahoma City and -0.85 inches at the Oklahoma City airport. In the Stillwater Creek basin, two stations reported precipitation in 1950 as 22.80 inches and 31.01 inches. The departure from normal at Stillwater was -10.55 inches. In the area underlain by the Rush Springs sandstone in Caddo and Grady Counties, the precipitation at three stations ranged from 26.25 inches to 34.11 inches, with departures from normal ranging from +0.66 inch to +9.60 inches.

Annual precipitation and departures from normal at miscellaneous stations in Oklahoma, 1950

Station	Precipitation (inches)	Departure from normal	Station	Precipitation (inches)	Departure from normal
Altus	23.72	-1.77	Ponca City	29.89	- .06
Altus dam	20.45	(b)	Ponca City (CAA)	24.07	(b)
Clinton	20.89	-8.35	Seminole	37.35	-2.55
Frederick	28.81	+1.44	Union City	34.85	+3.20
Lawton	27.92	-3.02			

b Normal not established.

Pumpage

Records of ground-water pumpage for the larger towns in the Panhandle counties are furnished regularly through the courtesy of the Southwestern Public Service Company. The total pumpage for seven towns was about 7 percent more in 1950 than in 1949. The largest increase was about 12 percent at Beaver. Pumpage increased about 6.1 percent at Forgan, 1.8 percent at Boise City, 5.4 percent at Keyes, and 10.8 percent at Guymon. The quantity of water pumped for irrigation and other uses by the Panhandle Agricultural and Mechanical College increased about 11 percent and this, along with the other increases, resulted in an increase of about 24 percent for the area as a whole. Including the estimated pumpage of industries not supplied with water from municipal systems and pumpage for irrigation, the total for 1950 is 1,117,892,000 gallons or about 3,310 acre-feet.

Records for 23 irrigation wells in the Duke irrigation area show a total of about 377,000,000 gallons, or about 1,150 acre-feet, pumped to irrigate 1,300 acres - an average of

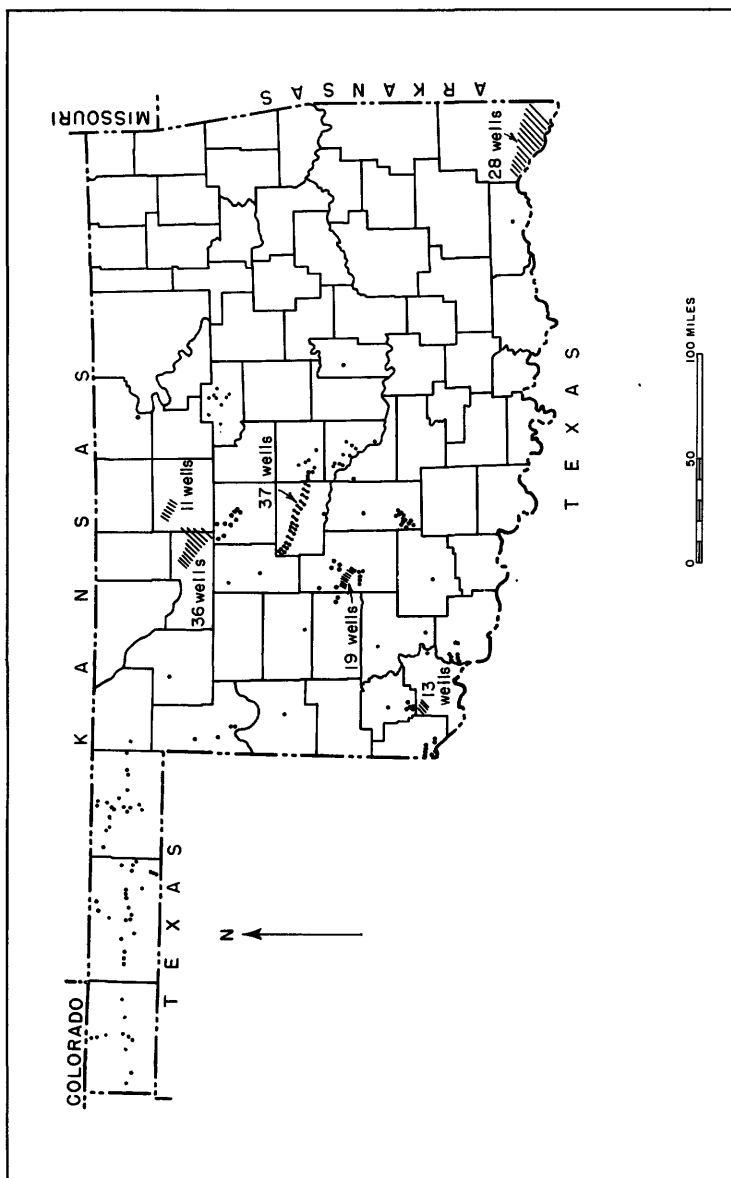


Figure 12.---Location of observation wells in Oklahoma, 1950.

0.88 foot per acre. Pumpage was small in 1950 because precipitation was almost adequate for agricultural requirements.

Fluctuations of Water Levels

Panhandle. --Measurements of ground-water levels in Beaver, Texas, and Cimarron Counties, in May, averaged about 0.42 foot above the record set in May 1949. New high averages were recorded in Beaver and Cimarron Counties, but in Texas County a decline of 0.14 foot was recorded. The rise in Beaver County was 1.18 feet; in Cimarron County 0.25 foot. The lowest average water level in the Panhandle was recorded in November 1938. The average rise since that time has been 4.06 feet. In the following tables the wells are grouped according to counties and aquifers, and comparisons are made between water levels in 1949 and 1950. An asterisk indicates that the water level is the highest observed during the period of record.

Average water levels in groups of wells in the Oklahoma Panhandle, in feet above assumed datum planes, 1949-50.

Date	Beaver County			Texas County			Cimarron County	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
May 1949	104.55	103.08	103.04	*103.19	100.12	101.11	104.07	101.90
May 1950	*106.15	*103.77	102.69	*103.30	*100.22	100.19	*104.16	100.60

1. Wells in northwestern part of Beaver County, in the Ogallala formation.
2. Wells in southeastern part of Beaver County, principally in redbeds of Permian age.
3. Wells in alluvium.
4. Wells on uplands, tapping water in the Ogallala formation.
5. Well 294 in redbeds of Triassic or Permian age.
6. Wells in alluvium.
7. Wells on the uplands, tapping water in the Ogallala formation, and locally in the Dakota sandstone.
8. Wells in alluvium.

Weighted average of water levels in wells in the Oklahoma Panhandle, by counties, in feet above assumed datum planes, 1949-50.

Date	Beaver	Texas	Cimarron	Average
	(1)	(2)	(3)	(4)
May 1949	104.03	*103.02	103.86	103.64
May 1950	*105.21	102.88	*104.10	*104.06

1. Weighted average, in which wells in northwestern part of county represent 65 percent of the total area; wells in southeastern part, 25 percent; and wells in alluvium, 10 percent.
2. Weighted average, in which upland wells in Ogallala formation represent 93 percent wells in alluvium, 5 percent; and wells in redbeds of Permian to Triassic age, 2 percent.
3. Weighted average, in which upland wells in Ogallala formation and Dakota sandstone represent 90 percent of the total area and wells in the alluvium, 10 percent.
4. Arithmetical average of the three weighted county averages.

Duke irrigation area. --Measurements of water levels were made in 19 wells in Jackson and Greer Counties during 1950. In three wells water levels rose from 0.43 foot to 2.52 feet between April 1949 and April 1950, while in a fourth well the water level declined 0.55 foot. The average change for this period was a rise of 1.13 feet. Between October 1949 and November 1950, the water level in nine wells rose from 0.03 foot to 5.50 feet, while in one well it declined 1.32 feet, and the average change for this period was a rise of 1.88 feet. A recording gage was installed on Jackson County well 8 on April 7. The water level declined slowly until the last half of June, and then, apparently in response to heavy pumping, dropped sharply to the lowest stage of the year in the first week of July. It then rose rapidly through the remainder of the month and continued to rise, though more slowly with minor fluctuations, until the highest stage of the year was reached on October 26. The water level remained fairly constant through the rest of the year and at the end of the year was 1.41 feet above the initial level. The range of fluctuation was 8.45 feet.

Stillwater Creek basin. --Measurements of water levels in the Payne County observation wells were made near the end of each month, except in May. The average range of water-level fluctuations in nine wells was 3.24 feet. In December 1950 the average water level was 0.59 foot higher than in December 1949.

Garber sandstone and Wellington formation. --The average net annual change in water levels for the 11 wells in the Garber sandstone and Wellington formation in Oklahoma and Cleveland Counties was a decline of 1.93 feet, but fluctuations were not uniform in the area. Declines ranging from 0.52 foot to 27.53 feet were shown in seven wells; four wells showed rises ranging from 1.26 to 14.17 feet. Water levels in four deep wells in Oklahoma County

in the Garber sandstone and Wellington formation usually have been highest in spring and lowest in summer, when pumping is heaviest. In 1950 this general pattern appeared in all of the wells with only slight variation. The water level in well 1 continued to show the pronounced downward trend it has shown over the period of record. In late November 1950 the water level was 29.58 feet below the level recorded in the initial measurement in 1943 and 3.99 feet below the level recorded in November 1949. Compared with December 1949, the water levels for December 1950 in wells 2 and 3 were 4.50 and 2.76 feet higher, respectively, whereas in well 4 the water level was 3.77 feet lower. Fluctuations of water levels in deep wells of 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. From December 1949 to December 1950, water levels in wells 6 and 10 showed net rises of 1.26 feet and 14.17 feet, respectively. In the same period, the net changes in water levels in wells 4, 5, 8, 11, and 12 were declines of 27.53 feet, 0.52 foot, 3.66 feet, 1.46 feet, and 3.26 feet, respectively. (See fig. 13.)

Rush Springs sandstone. --Measurements were made in 31 wells in the Rush Springs sandstone of Caddo County during 1950, 2 of which are equipped with recording gages. Fluctuations of water levels ranged from 0.51 foot to 4.79 feet, except in well 18, in which the water level was influenced by pumping from nearby irrigation wells, and the fluctuations ranged through 12.82 feet. Water levels in 19 wells from December 1949 to December 1950 showed no pronounced trend. The average net water-level change was a decline of 0.09 foot. In Grady County, fluctuations of water level ranged from 1.12 feet to 9.89 feet, apparently in response to natural recharge and discharge, as there was no heavy pumping in the area. The record in Grady County shows that the water level was higher in December 1950 than in December 1949. Net annual rises ranging from 0.48 foot to 5.63 feet were due to above-normal precipitation, as reported by the Weather Bureau station at Marlow. In Washita County wells 5 and 6, the water levels were measured weekly beginning in May 1950. The range of fluctuations for the year was 3.66 and 1.32 feet, respectively, and the net annual changes in water level, computed from October 1949 to October 1950, were rises of 0.38 and 0.28 foot.

Alluvium. -- In the municipal well field of Ponca City, in the alluvium of the Arkansas River, Kay County well 1, was measured weekly in 1950. The water-level fluctuations are partly due to natural recharge and partly are a response to regular pumping of nearby wells and occasional pumping of the observation well itself. The highest recorded water level occurred on August 10, the lowest on July 13, and the range of fluctuations was 16.86 feet. The net change of water level from December 1949 to December 1950 was a rise of 0.58 foot.

Water-level fluctuations in the alluvium of the Canadian River were observed in Canadian County well G53, near Union, and Cleveland County wells 14 and 15, which are 25 and 40 miles downstream, respectively. In all three wells the water levels were relatively low in January and declined until May. From May until August the water levels rose in response to heavy precipitation. From August, when high stage water level was recorded, until December the water levels steadily declined. The range of water-level fluctuations was from 2.96 feet to 4.44 feet in the individual wells, and the net annual rise in water level ranged from 0.52 foot to 1.43 feet. (See fig. 14.)

Measurements were made in 46 wells in the alluvium of the North Canadian River during 1950. Fluctuations of water levels in five of the wells closest to the river are considered to be a response principally to river stages. The highest recorded stage in two of these wells came in October, but in Canadian County well RFC 1 it was in September and in Blaine County well 2 in May. The lowest stages in Canadian County wells RFC 1 and RFC 4 were recorded in April. In Blaine County well 1 the lowest stage was recorded in May, and in Blaine County 2 it was recorded in October. Annual net changes in three of the wells, computed through different 11 and 12-month periods, were rises of 0.10 foot, 1.36 feet, and 2.53 feet, and in two of the wells they were declines of 0.11 foot and 2.04 feet. Of the other 10 wells of this group 7 show annual net rises of from 1.42 feet to 2.90 feet, computed through different 11 and 12-month periods, and 3 show declines of 0.40 foot, 0.84 foot and 1.82 feet. Water levels in 22 of the 36 wells in Canadian County were at their highest recorded stage in October. The lowest recorded levels in 31 wells occurred in April. From September 1949 to October 1950, 28 wells showed net rises of water level ranging from 0.33 foot to 2.59 feet, while one well showed a net decline of 0.27 foot. From May 1949 to June 1950, three wells showed net declines of 0.47 foot, 1.49 feet and 3.74 feet. From December 1949 to December 1950, three wells showed net rises of 0.10 foot, 1.68 feet, and 2.90 feet. From May 1949 to April 1950, one well showed a net decline of 1.16 feet. Jackson County well 1, about 9 miles west of Snyder is the only observation well in the alluvium of the North Fork of Red River. In April 1950, the water level was 0.28 foot lower than in April 1949; and in November 1950 it was 0.03 foot higher than in October 1949. Fluctuations of water levels in the alluvium of the Washita River are observed in Roger Mills County well 1, Custer County well 1, Caddo County wells 2 and 3, and Grady County well 76. All wells except Roger Mills 1 showed net annual rises in water level ranging from 0.11 foot to 5.48 feet. The net change in Roger Mills 1 was a decline of 0.31 foot. Annual comparisons of water levels were made from December 1949 to December 1950, except for Custer 1 and Roger Mills 1, for which the periods from October 1949 to November 1950 and May 1949 to May 1950, respectively, were used.

Terrace deposits. --Records for the irrigation well at the Southwestern Cotton Substation, in Tillman County, show a range of 1.27 feet in water-level fluctuations in 1950. The highest

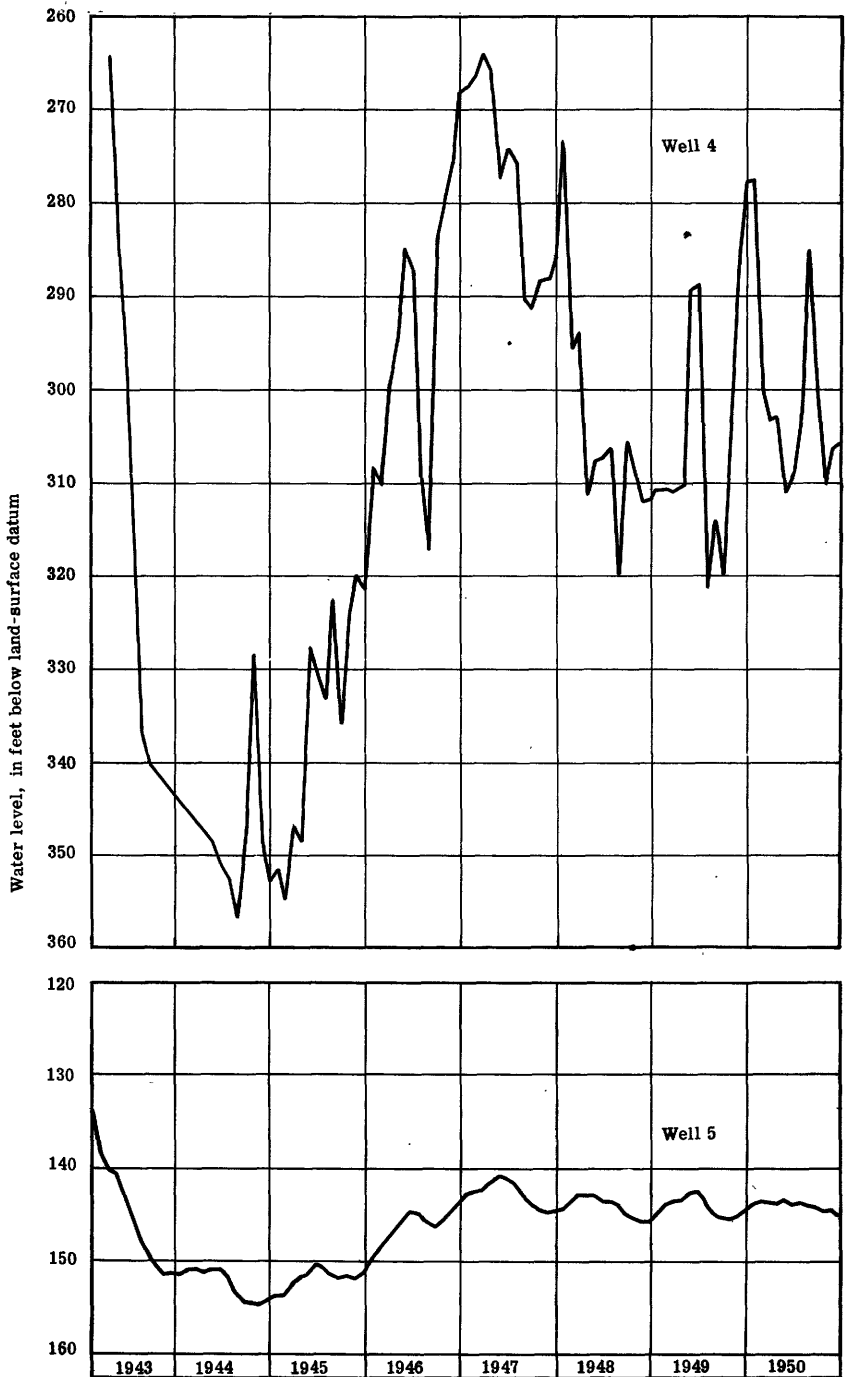


Figure 13. --Fluctuations of water levels in wells 4 and 5 in the Garber sandstone and Wellington formation, 1943-50.

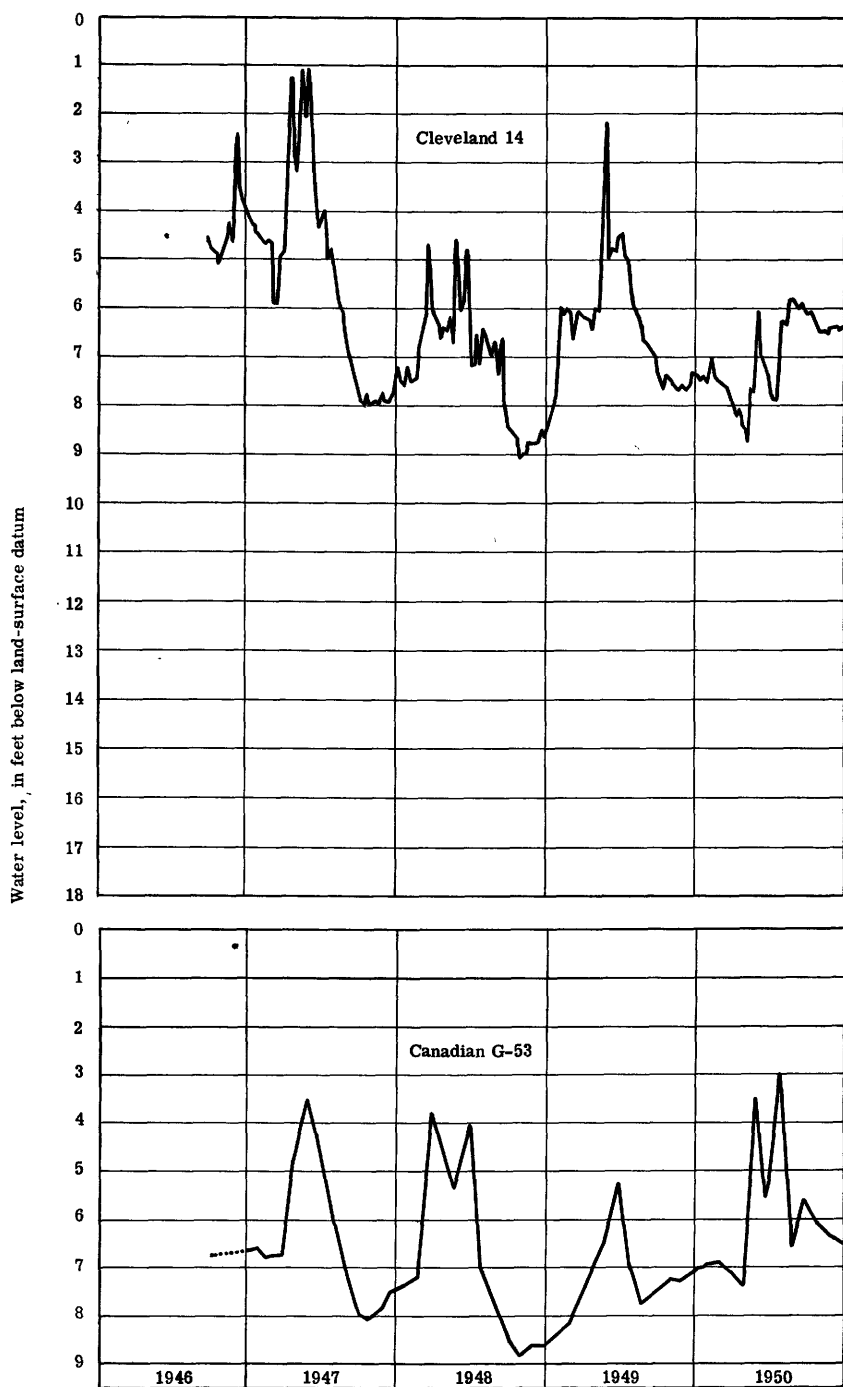


Figure 14. --Fluctuations of water levels in wells Cleveland 14 and Canadian G-53 in the alluvium in the Canadian River valley, Oklahoma.

level was on February 20 and the lowest level on July 12, after which the water level rose gradually until, on December 30, it was 0.88 foot above the lowest level and showed a net rise of 0.16 foot for the year. This well was not used for irrigation in 1950. Measurements were made in seven other wells in Tillman County in 1950, in three of which the water levels showed net declines of 0.09, 0.19, and 0.51 foot between April 1949 and April 1950. Water levels in two wells showed net rises of 0.55 and 0.71 foot during the same period. Comparison of water levels in the other two wells is made between October 1949 and November 1950. In one of them the water level rose 0.64 foot while in the other it declined 0.59 foot.

Oklahoma County wells 10, 11, and 12 are in terrace deposits from which water is pumped for both municipal and industrial uses. Measurements in them were begun in July 1945, and over the period of record the water levels have shown net declines of 2.46, 2.67, and 2.63 feet, respectively. For the year 1950, well 10 showed a net decline in water level of 0.70 foot, but wells 11 and 12 showed net rises in water level of 0.02 and 0.17 foot, respectively.

Cleveland County well 1 is in a thin terrace deposit. The water level was at its lowest stage for the year on May 8, but rose rapidly to its highest stage of the year on May 29, evidently in response to precipitation that totaled 9.56 inches. The water level then declined--with minor interruptions--through the remainder of the year. The range of fluctuations was 4.72 feet, and the annual net change was a rise of 0.23 foot.

An investigation of ground-water resources in the terrace deposits of Kingfisher, Garfield, and Major Counties was begun early in 1950. The ground water in the terrace deposits along the Cimarron River has been the source of supply for many domestic and stock wells, and for a few municipal supply and irrigation wells. The city of Enid drilled five wells during 1950 in the vicinity of Ames and plans to pump the major portion of its water supply from these deposits. The ground water in the terrace deposits northwest of Enid has been the source of municipal supply for the city of Enid since 1911, and the source of supply for many domestic and stock wells in the area. At the present time Enid is withdrawing more than 3 million gallons per day but it is realized that this amount exceeds the safe yield. The terrace deposits consist of unconsolidated clays, silts, sands, and gravels. Northwest of Enid the terrace deposits range in thickness from a thin veneer to more than 60 feet. The surface is flat to rolling. Along the Cimarron River the deposits range in thickness from a thin layer to 120 feet or more. Most of the surface in this area is gently to moderately rolling dune topography. Ground-water recharge is accomplished principally by rainfall upon the deposits. When the terrace deposits are thin or absent, wells are drilled into the underlying redbeds of Permian age generally to depths of 200 feet or less. These redbeds consist principally of shale, siltstone, and some fine sandstone with a few bands of gypsum. Such wells generally derive their water from cracks and crevices in the shale, and because the number and size of these openings differ greatly from place to place, yields from wells range from a few gallons to several hundred gallons per minute. The larger yields, however, are the exception. The quality of the water from well to well is erratic and although in places the water is acceptable for municipal use, in other places it is not satisfactory even for domestic use.

Vamoosa formation.--The Skelly Gas Corporation well in Seminole County taps water in sandstones of the Vamoosa formation. The lowest water level for the year was recorded on January 9, and from that date the water level rose, with minor variations, until the highest level of the entire period of record was reached on July 23. Thereafter it remained relatively high for the rest of the year. The net annual change, based on the water level at the end of December, was a rise of 1.79 feet, and the range of fluctuations was 4.70 feet.

Well-Numbering System

All wells in this report are numbered serially by counties.

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. Records available: 1946-50. May 19, 8.76.

275. James W. Parker. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 2 N., R. 24 E. Records available: 1946-50. May 19, 75.86.

401. T. T. Yarnold. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 3 N., R. 24 E. Records available: 1938-50. May 19, 85.83.

417. Ralph Ridgeway. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 3 N., R. 25 E. Records available: 1938-42, 1944-50. May 19, 8.66.

432. George H. Button. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, T. 3 N., R. 26 E. Records available: 1938-42, 1944-47, 1949. No measurement made in 1950.

433. Federal Land Bank. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 3 N., R. 26 E. Records available: 1938-50. May 19, 36. 60.

518. Pete Sanders Estate. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 4 N., R. 23 E. Records available: 1938-41, 1943-44, 1946, 1948, 1950. May 19, 35. 06.

523. Frances M. Hancock. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 4 N., R. 24 E. Records available: 1938-46, 1948-50. May 19, 21. 83.

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. Records available: 1938-50. May 19, 42. 97.

528. Southwestern Public Service Co. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 4 N., R. 24 E. Records available: 1939-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	11.11	Apr. 7	11.17	July 7	12.28	Oct. 6	11.16
13	11.07	14	11.28	14	12.36	13	11.13
20	11.09	21	11.32	21	11.03	20	11.24
27	11.09	28	11.36	28	7.57	27	11.44
Feb. 3	10.98	May 5	11.40	Aug. 4	9.86	Nov. 3	11.53
10	10.90	12	11.48	11	10.26	10	11.57
17	10.92	19	11.57	18	10.82	17	11.61
24	10.94	26	11.76	25	10.34	24	11.65
Mar. 3	10.98	June 2	11.86	Sept. 1	10.53	Dec. 1	11.59
10	10.93	9	11.90	8	10.82	8	11.63
17	10.89	16	11.96	16	10.74	15	11.61
24	10.89	23	12.32	22	10.86	22	11.57
31	10.87	30	12.46	29	10.88	29	11.55

576. J. C. Peters. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 2, T. 5 N., R. 20 E. Records available: 1938-50. May 20, 155. 30.

577. George Loepp. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 5 N., R. 20 E. Records available: 1938-49. Measurement discontinued.

591. A. J. Isaac. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, T. 5 N., R. 21 E. Records available: 1938-50. May 20, 188. 50.

612. Clarence Lamaster. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 4 N., R. 28 E. Records available: 1941-50. May 19, 10. 51; Oct. 8, 10. 67.

613. T. J. Trew. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 5 N., R. 22 E. Records available: 1938-50. May 19, 52. 39.

614. Mrs. B. W. Lewis. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 5 N., R. 22 E. Records available: 1938-47, 1949. No measurement made in 1950.

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. Records available: 1938-50. May 20, 166. 02.

631. George W. Dubois. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 5 N., R. 23 E. Records available: 1938-49. Measurement discontinued.

647. Gilbert Hodges. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 5 N., R. 24 E. Records available: 1938-50. May 19, 45. 87.

649. Arthur Williams. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 5 N., R. 24 E. Records available: 1938-50. May 19, 5. 67.

767. Robert F. LeCrone. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 6 N., R. 23 E. Records available: 1938-50. May 19, 58. 91.

777. Harry McAdams. Formerly J. H. Neese. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 20, T. 6 N., R. 24 E. Records available: 1938-50. May 19, 12. 57.

Blaine County

1. Oklahoma City Water Department. NE $\frac{1}{4}$ sec. 27, T. 16 N., R. 12 W. Records available: 1939-50. May 18, 5. 52; Oct. 28, 5. 16.

2. Oklahoma City Water Department. Near NE. corner sec. 9, T. 18 N., R. 13 W. Records available: 1939-50. May 18, 6. 75; Oct. 28, 8. 38.

Caddo County

1. P. C. Haun. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 7 N., R. 12 W. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	49.05	June 24	48.97	Sept. 2	49.23	Nov. 5	49.79
Feb. 25	48.77	July 1	49.08	9	49.14	12	49.39
Mar. 26	48.35	8	49.08	16	49.25	19	49.02
Apr. 29	48.80	15	49.12	24	49.47	26	49.62
May 13	48.81	22	49.18	Oct. 1	49.47	Dec. 3	49.49
20	48.85	29	49.18	9	49.47	10	49.73
27	49.05	Aug. 5	49.23	15	49.50	17	49.49
June 3	49.15	12	49.28	22	48.58	23	49.56
10	49.02	19	49.49	29	49.45	30	49.59
17	49.03						

2. U. S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 7 N., R. 12 W. Records available: 1947-50.

Jan. 27	14.23	Apr. 29	14.49	Oct. 1	9.70	Nov. 26	13.84
Feb. 25	14.17	May 27	12.63	29	13.40	Dec. 30	13.92
Mar. 26	14.35	June 23	13.47				

3. U. S. Geol. Survey. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, T. 7 N., R. 13 W. Records available: 1947-50.

Jan. 27	15.97	Apr. 29	16.23	Aug. 4	7.10	Nov. 26	15.78
Feb. 25	15.98	May 27	15.25	Oct. 1	14.95	Dec. 30	15.83
Mar. 26	16.11	June 23	15.99	29	15.60		

4. James Avery. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 8 N., R. 12 W. Records available: 1948-50.

Jan. 27	17.62	June 24	18.02	Sept. 2	17.13	Nov. 5	17.92
Feb. 25	17.50	July 1	16.42	9	17.27	12	17.93
Mar. 26	17.14	8	17.52	16	17.50	19	17.72
Apr. 29	17.40	15	17.49	24	17.57	26	18.01
May 13	17.23	22	17.62	Oct. 1	17.57	Dec. 3	18.02
20	17.11	29	17.62	9	17.70	10	18.07
27	17.20	Aug. 5	16.96	15	17.79	17	18.08
June 3	17.16	12	17.03	22	17.89	23	18.00
10	17.20	19	23.05	29	17.98	30	18.00
17	17.20	26	17.10				

5. Harvey McAnally. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 9 N., R. 12 W. Records available: 1948-50.

Jan. 27	15.40	July 1	15.77	Sept. 2	15.30	Nov. 5	15.51
Feb. 25	15.39	8	15.85	9	15.38	12	15.49
Mar. 26	15.19	15	15.84	16	15.39	19	15.25
Apr. 29	15.53	22	15.75	24	15.52	26	15.43
May 13	15.31	29	15.75	Oct. 1	15.49	Dec. 3	15.42
20	15.22	Aug. 5	14.87	9	15.57	10	15.47
27	14.70	12	15.24	15	15.62	17	15.42
June 3	15.18	19	15.23	22	15.60	23	15.33
10	15.22	26	15.24	29	15.64	30	15.35
24	15.55						

7. Clark Mooter. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 9 N., R. 12 W. Records available: 1948-50.

Jan. 27	14.43	July 1	14.54	Sept. 2	13.99	Nov. 5	14.34
Apr. 29	14.24	8	14.58	9	14.20	12	14.66
May 13	13.79	15	14.69	16	14.00	19	14.15
20	13.75	22	14.25	24	14.61	26	15.18
27	14.00	29	14.25	Oct. 1	15.11	Dec. 3	14.19
June 3	14.00	Aug. 5	14.39	9	14.25	10	14.06
10	14.02	12	14.10	15	14.60	17	14.00
17	14.70	19	14.08	22	14.63	23	14.25
24	14.32	26	13.94	29	14.35	30	13.98

9. MacNalley. SE $\frac{1}{4}$ sec. 19, T. 9 N., R. 12 W. Records available: 1948-49. Measurement discontinued.10. Joe Dees. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, T. 9 N., R. 13 W. Records available: 1948-50.

Jan. 27	24.33	May 27	24.65	July 8	24.74	Aug. 19	24.26
Feb. 25	24.42	June 3	26.35	15	24.71	26	24.15
Mar. 26	24.30	10	26.38	22	24.85	Sept. 2	24.09
Apr. 29	24.56	17	26.37	29	24.85	9	24.10
May 13	24.58	24	24.68	Aug. 5	24.33	16	24.13
20	24.62	July 1	24.75	12	24.22	24	24.17

10--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 1	24.18	Oct. 29	24.46	Nov. 26	24.50	Dec. 17	24.60
9	24.29	Nov. 5	24.41	Dec. 3	24.53	23	24.60
15	24.34	12	24.52	10	24.60	30	24.61
22	24.40	19	24.40				

11. Indian land. Ed S. Prather, tenant. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 8 N., R. 12 W. Records available: 1948-50.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	54.21	54.36	.....	.....	54.15	54.17	54.38	54.43	54.44	54.52	.....	54.28
2	54.42	54.36	.....	.....	53.91	54.17	54.34	54.43	54.40	54.67	.....	54.75
3	54.43	54.28	.....	.....	53.95	54.37	54.33	54.42	54.42	54.70	.....	54.75
4	53.90	54.29	.....	.....	54.00	54.36	54.42	54.29	54.43	54.60	.....	.....
5	53.97	54.54	.....	.....	54.28	.....	54.40	54.40	54.46	54.51	.....	.....
6	53.97	.....	.....	.....	54.28	.....	54.44	54.44	54.45	.....	.....	.....
7	53.90	.....	.....	.....	54.15	.....	54.43	54.41	54.45	.....	.....	.....
8	54.34	54.46	.....	.....	54.13	.....	54.38	.....	54.42	.....	.....	.....
9	54.37	.....	.....	.....	54.19	.....	54.29	.....	54.39	.....	.....	.....
10	54.15	.....	.....	.....	54.30	.....	54.27	.....	54.30	.....	.....	.....
11	.....	54.59	.....	.....	54.37	54.42	54.36	.....	54.52	.....	.....	.....
12	.....	54.60	.....	.....	54.34	.....	54.35	.....	54.49	.....	.....	.....
13	.....	54.34	.....	.....	.....	.....	54.50	54.46	54.49	.....	54.43	.....
14	.....	.....	.....	.....	.....	.....	54.46	54.45	54.47	.....	54.40	.....
15	.....	54.20	.....	.....	.....	.....	54.24	54.48	54.38	.....	54.77	.....
16	.....	.....	53.55	.....	.....	.....	54.29	54.47	54.50	.....	54.90	.....
17	.....	54.25	53.90	.....	54.14	.....	54.47	54.47	54.58	.....	54.62	.....
18	.....	54.16	53.95	.....	54.11	.....	54.47	54.48	54.58	.....	54.22	54.77
19	54.20	.....	53.55	54.35	54.08	.....	54.43	54.47	54.48	.....	54.95	54.66
20	54.24	54.45	53.85	54.25	54.17	.....	54.46	54.54	54.39	.....	55.16	54.72
21	54.55	54.47	53.63	54.00	54.31	.....	54.46	54.44	54.53	.....	54.81	54.73
22	54.55	.....	.....	.....	54.26	.....	.....	54.40	54.53	.....	54.58	54.69
23	54.59	.....	.....	.....	54.16	.....	.....	54.40	54.43	.....	54.98	54.64
24	54.67	.....	.....	.....	54.08	54.29	.....	54.37	54.59	.....	54.95	54.65
25	54.48	.....	.....	.....	54.18	.....	.....	54.44	54.51	.....	54.68	.....
26	54.03	.....	.....	54.32	54.18	.....	.....	54.45	54.48	.....	54.67	.....
27	54.46	.....	.....	54.19	54.27	54.40	.....	54.45	54.42	.....	54.51	.....
28	54.76	.....	.....	54.11	54.11	54.39	.....	54.37	54.49	.....	54.57	.....
29	54.69	.....	.....	54.25	54.14	54.44	.....	54.40	54.48	.....	54.57	.....
30	54.34	.....	.....	54.32	54.17	54.42	54.24	54.37	54.43	.....	54.34	.....
31	54.28	.....	.....	.....	54.17	.....	54.34	54.37	.....	54.52	.....	54.52

12. Fred Dinkler, Jr. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 7 N., R. 12 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	20.20	Apr. 29	20.12	July 29	20.64	Nov. 26	20.74
Feb. 25	20.09	May 27	20.64	Oct. 1	10.90	Dec. 30	20.78
Mar. 26	19.87	June 23	20.62	29	20.89		

14. U. S. Geol. Survey. SE. corner sec. 28, T. 9 N., R. 13 W. Records available: 1948-50.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35.49	35.62	35.93	.....	36.01	.....	36.30	36.06	35.73	35.69	35.81	35.62
2	35.42	35.77	35.89	.....	35.88	.....	36.23	36.05	35.70	35.79	35.81	35.92
3	35.46	35.74	35.78	.....	35.93	.....	36.26	35.99	35.74	35.79	35.89	35.93
4	.....	35.67	35.83	36.02	35.94	34.87	36.30	35.92	35.74	35.76	35.84	35.83
5	.....	35.66	35.78	36.06	36.10	34.75	36.29	35.94	35.75	35.66	.....	36.08
6	35.62	.....	.....	35.98	36.06	.....	36.31	35.94	35.75	35.62	.....	36.06
7	35.61	.....	35.91	35.81	36.07	.....	36.27	35.93	35.72	35.78	35.75	35.85
8	35.60	.....	35.94	35.83	.....	.....	36.27	35.91	35.71	35.79	35.86	35.95
9	35.44	.....	35.84	35.82	.....	.....	36.23	35.93	35.69	35.73	35.94	36.00
10	35.62	.....	35.73	36.06	.....	.....	36.28	35.91	35.66	35.73	35.92	36.01
11	35.58	.....	.....	36.05	.....	36.18	36.29	35.86	35.74	35.78	35.79	35.82
12	.....	.....	35.91	36.09	.....	36.11	36.33	35.84	35.71	35.79	35.77	35.83
13	.....	35.74	35.94	36.01	.....	.....	36.36	35.85	35.73	35.73	35.78	35.84

14--Continued.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
14	35.58	35.75	35.82	35.97	.....	.....	36.29	35.83	35.71	35.69	35.78	35.84
15	35.60	35.78	35.84	35.96	.....	.....	36.24	35.84	35.63	35.71	35.88	35.96
16	35.60	.....	35.90	35.95	.....	.....	36.27	35.84	35.74	35.75	35.94	35.96
17	35.45	.....	35.78	35.95	36.14	.....	36.36	35.83	35.76	35.78	35.90	35.99
18	35.62	.....	35.86	36.07	36.14	36.16	36.33	35.82	35.75	35.72	35.75	36.01
19	35.70	.....	35.88	36.11	36.09	36.21	36.36	35.82	35.73	35.72	35.96	35.96
20	35.66	.....	35.85	36.04	.....	36.20	36.36	35.85	35.67	35.72	36.05	35.98
21	35.56	35.65	35.87	35.90	.....	36.23	36.36	35.77	35.75	35.69	35.88	35.98
22	35.48	35.67	35.88	35.91	.....	36.19	36.34	35.78	35.74	35.79	35.86	35.98
23	35.42	35.64	35.78	35.89	.....	36.12	36.32	35.78	35.68	35.81	36.03	35.97
24	35.45	35.75	35.84	36.06	36.07	36.21	36.32	35.74	35.74	35.76	36.03	35.99
25	35.63	35.76	35.72	36.07	36.14	36.27	36.27	35.77	35.72	35.76	35.91	35.95
26	35.78	.....	35.65	35.94	.....	36.27	36.21	35.79	35.70	35.70	35.91	36.05
27	35.75	.....	35.79	36.05	.....	36.29	36.18	35.78	35.68	35.71	35.85	36.05
28	35.51	35.92	35.94	35.95	36.05	36.31	36.03	35.72	35.70	35.78	35.89	35.92
29	35.67	.....	36.05	36.08	.....	36.31	35.96	35.74	35.69	35.77	35.89	35.97
30	35.61	.....	36.00	36.08	.....	36.28	36.01	35.72	35.68	35.77	35.77	35.97
31	35.63	.....	35.89	.....	.....	.....	36.07	35.72	.....	35.74	.....	35.87

15. Fred Dinkler, Jr. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 7 N., R. 12 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	18.53	Apr. 29	18.73	July 29	17.97	Nov. 26	19.31
Feb. 25	18.59	May 27	18.85	Oct. 1	18.68	Dec. 30	19.40
Mar. 26	18.58	June 23	19.02	29	18.85		

16. Joe Dees. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 9 N., R. 12 W. Records available: 1948-50.

Jan. 27	26.89	June 24	26.59	Sept. 2	26.35	Nov. 5	27.09
Feb. 25	26.65	July 1	24.86	9	26.52	12	27.27
Mar. 26	26.45	8	26.94	16	26.63	19	27.05
Apr. 29	26.73	15	26.84	24	26.75	26	27.16
May 13	26.63	22	27.16	Oct. 1	26.37	Dec. 3	27.08
20	26.41	29	27.16	9	27.00	10	27.14
27	26.74	Aug. 5	26.39	15	27.08	17	27.06
June 3	26.72	12	26.36	22	27.19	23	26.94
10	26.69	19	26.37	29	27.27	30	26.93
17	26.75	26	26.37				

17. Virgil A. Goodwin. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 9 N., R. 13 W. Records available: 1948-50.

Jan. 27	30.33	June 24	30.64	Sept. 16	30.83	Nov. 12	30.10
Feb. 25	30.33	July 1	30.72	24	30.54	19	29.98
Mar. 26	30.19	22	30.87	Oct. 1	30.39	26	30.04
Apr. 29	30.48	29	30.66	9	30.33	Dec. 3	30.02
May 13	30.48	Aug. 12	31.16	15	30.24	10	30.04
20	30.55	19	31.19	22	30.20	17	30.00
June 3	30.64	26	30.87	29	30.16	23	29.93
10	30.64	Sept. 2	30.60	Nov. 5	30.10	30	29.93
17	30.62						

18. Neil Horn. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 9 N., R. 13 W. Records available: 1948-50.

Jan. 27	35.79	June 17	35.57	Sept. 9	35.68	Nov. 12	35.12
Feb. 25	35.60	24	35.55	16	35.43	19	35.95
Mar. 26	35.43	July 22	38.55	24	35.37	26	35.90
Apr. 29	35.49	29	36.92	Oct. 1	35.25	Dec. 3	35.84
May 13	36.65	Aug. 5	36.60	9	47.47	10	34.79
20	36.11	12	36.50	15	46.59	17	34.78
27	35.90	19	36.60	22	35.89	23	34.69
June 3	35.75	26	36.03	29	35.53	30	34.65
10	35.67	Sept. 2	35.84	Nov. 5	35.88		

19. Westidge. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 9 N., R. 13 W. Records available: 1949-50.

Jan. 27	14.23	May 20	13.97	June 24	13.47	July 29	12.45
Feb. 25	14.20	27	13.56	July 1	13.66	Aug. 5	12.68
Mar. 26	14.16	June 3	13.65	8	13.90	12	12.82
Apr. 29	14.25	10	13.80	15	13.89	19	12.85
May 13	13.86	17	13.94	22	12.47	29	13.94

19--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 2	13.27	Oct. 9	13.92	Nov. 12	14.16	Dec. 10	14.04
9	13.27	15	14.05	19	13.85	17	14.00
16	13.93	22	14.14	26	14.00	23	13.96
24	13.89	29	14.65	Dec. 3	13.99	30	13.98
Oct. 1	13.74	Nov. 5	14.14				

23. Cox. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 10 N., R. 12 W. Records available: 1949-50.

Jan. 27	114.16	June 17	113.85	Aug. 12	113.70	Oct. 15	113.56
Feb. 25	113.73	24	113.64	19	113.88	29	113.56
Mar. 26	113.16	July 1	113.65	26	113.65	Nov. 5	114.09
Apr. 29	113.61	8	113.58	Sept. 2	113.63	12	113.58
May 20	113.75	15	114.56	9	113.58	Dec. 10	113.96
27	113.90	22	113.86	24	113.09	17	113.97
June 3	113.99	29	113.73	Oct. 1	113.49	23	113.67
10	113.84	Aug. 5	113.73	9	113.54	30	113.66

26. Dave Tackett. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 9 N., R. 11 W. Records available: 1949-50.

Jan. 27	51.15	June 17	50.84	Aug. 12	51.05	Nov. 12	50.82
Feb. 25	50.99	24	50.82	19	51.06	19	50.33
Mar. 26	50.30	July 1	50.86	26	50.90	26	50.82
Apr. 29	50.79	8	50.83	Sept. 2	50.94	Dec. 3	50.73
May 13	50.85	15	50.84	Oct. 15	51.05	10	50.87
20	50.89	22	51.10	22	51.05	17	50.95
27	50.95	29	51.02	29	50.89	23	50.84
June 3	51.13	Aug. 5	51.03	Nov. 5	51.01	30	50.82
10	51.06						

31. Floyd L. King. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 9 N., R. 13 W. Records available: 1949-50.

Jan. 27	61.60	July 1	61.67	Sept. 2	61.87	Nov. 5	61.62
Feb. 25	61.65	8	61.58	9	61.85	12	61.80
Mar. 26	61.30	15	61.56	16	61.40	19	61.53
Apr. 29	61.68	22	60.96	24	61.97	26	61.78
May 20	61.66	29	61.30	Oct. 1	61.20	Dec. 3	61.76
27	61.63	Aug. 5	61.90	9	60.99	10	61.85
June 3	61.78	12	61.40	15	61.84	17	61.88
10	61.80	19	61.46	22	61.60	23	61.80
17	61.66	26	61.85	29	61.20	30	61.81
24	61.69						

33. L. E. Hall. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 8 N., R. 12 W. Records available: 1949-50.

Jan. 27	24.49	May 27	24.64	July 1	25.23	Dec. 3	24.53
Feb. 25	24.44	June 3	24.64	29	24.63	10	24.50
Mar. 26	24.29	10	24.70	Aug. 5	24.50	17	24.69
Apr. 29	24.54	17	24.86	Nov. 19	24.96	23	24.64
May 13	24.61	24	25.06	26	24.74	30	24.62
20	24.51						

35. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 8 N., R. 12 W. Records available: 1949-50.

Jan. 27	8.63	June 24	9.83	Sept. 2	9.36	Nov. 5	9.85
Feb. 25	8.44	July 1	10.15	9	9.38	12	9.27
Mar. 26	8.38	8	10.13	16	9.38	19	9.02
Apr. 29	8.79	15	10.18	24	9.43	26	9.04
May 13	7.81	22	9.15	Oct. 1	9.50	Dec. 3	8.98
20	7.86	29	10.77	9	9.59	10	8.89
27	8.30	Aug. 5	9.10	15	9.69	17	8.83
June 3	8.77	12	9.35	22	9.60	23	8.75
10	9.10	19	9.25	29	9.64	30	8.72
17	9.56	26	9.10				

36. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 8 N., R. 12 W. Drilled well, diameter 5 inches, depth 50 feet, on gently rolling upland. Aquifer, Rush Springs sandstone. Records available: 1950. Dec. 3, 19.08; Dec. 10, 19.13; Dec. 17, 19.12; Dec. 23, 19.03; Dec. 30, 19.04.

37. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 8 N., R. 12 W. Records available: 1949-50.

37--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	18.72	June 24	18.28	Sept. 2	19.16	Nov. 5	19.24
Feb. 25	18.80	July 1	19.30	9	19.17	12	19.30
Mar. 26	18.57	8	19.35	16	19.09	19	18.50
Apr. 29	18.98	15	19.34	24	19.26	26	19.30
May 13	19.02	22	19.14	1	19.19	Dec. 3	19.28
20	18.09	29	19.22	9	19.26	10	19.40
27	19.18	Aug. 5	19.21	15	19.24	17	19.44
June 3	19.22	12	19.29	22	19.22	23	19.37
10	19.26	19	19.30	29	19.28	30	19.40
17	19.25	26	19.20				

38. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 8 N., R. 12 W. Records available: 1949-50.

Jan. 27	14.76	July 1	14.74	Sept. 2	14.23	Nov. 5	14.23
Feb. 25	14.66	8	14.79	9	14.32	12	14.90
Mar. 26	14.16	15	14.77	16	14.34	19	14.50
Apr. 29	14.59	22	14.84	24	14.60	26	15.04
May 13	14.57	29	14.84	Oct. 1	14.59	Dec. 3	15.18
20	14.58	Aug. 5	14.32	9	14.72	10	15.18
27	14.68	12	14.30	15	14.79	17	15.22
June 3	14.63	19	14.36	22	14.83	23	15.06
24	14.60	26	14.25	29	14.89	30	15.01

39. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 8 N., R. 12 W. Records available: 1949-50.

Jan. 27	23.39	June 24	23.40	Sept. 2	22.73	Nov. 5	22.84
Feb. 25	23.32	July 1	23.61	9	22.68	12	22.90
Mar. 26	23.20	8	23.69	16	22.65	19	22.73
Apr. 29	23.51	15	23.68	24	22.66	26	23.74
May 13	23.23	22	23.35	Oct. 1	22.70	Dec. 3	22.67
20	22.94	29	22.76	9	22.75	10	22.63
27	22.96	Aug. 5	22.72	15	22.82	17	22.58
June 3	22.96	12	22.76	22	22.83	23	22.53
10	23.17	19	22.78	29	22.90	30	22.50
17	23.40	26	22.73				

40. U. S. Geol. Survey. SW. corner NW $\frac{1}{4}$ sec. 26, T. 8 N., R. 12 W. Records available: 1949-50. Nov. 19, 25.04; Nov. 26, 25.40; Dec. 3, 25.55; Dec. 10, 25.54; Dec. 17, 25.56; Dec. 23, 25.53; Dec. 30, 25.54.

41. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 8 N., R. 12 W. Records available: 1949-50.

Jan. 27	23.64	June 24	23.50	Sept. 2	23.10	Nov. 5	23.58
Feb. 25	23.67	July 1	23.63	9	23.67	12	23.73
Mar. 26	23.34	8	23.65	16	23.20	19	23.29
Apr. 29	23.77	15	23.65	24	23.43	26	23.88
May 13	23.75	22	23.64	Oct. 1	23.40	Dec. 3	23.94
20	23.67	29	23.39	9	23.48	10	23.75
27	23.76	Aug. 5	23.24	15	23.50	17	24.05
June 3	23.76	12	23.22	22	23.57	23	23.95
10	23.60	19	23.24	29	23.67	30	23.97
17	23.54	26	23.16				

42. Roy Shoop. SW $\frac{1}{4}$ sec. 22, T. 11 N., R. 13 W. Records available: 1949-50.

Jan. 27	60.79	July 1	61.45	Sept. 2	61.34	Nov. 5	61.41
Feb. 25	60.94	8	61.38	9	61.27	12	61.32
Mar. 26	60.58	15	61.39	16	61.38	19	60.99
Apr. 29	61.33	22	61.57	24	61.42	26	61.36
May 20	61.32	29	61.27	Oct. 1	61.29	Dec. 3	61.49
27	61.25	Aug. 5	61.44	9	61.28	10	61.56
June 3	61.24	12	61.45	15	61.09	17	61.64
10	61.45	19	61.46	22	61.35	23	61.46
17	61.28	26	61.36	29	61.36	30	61.52
24	61.38						

43. Lloyd Rader. NE corner sec. 33, T. 10 N., R. 11 W. Records available: 1949-50.

Jan. 27	38.48	Apr. 29	38.57	July 29	38.30	Nov. 26	38.32
Feb. 25	38.53	May 27	38.36	Oct. 1	38.50	Dec. 30	38.50
Mar. 26	38.36	June 23	38.28	29	38.58		

44. J. W. Dees. Center NE $\frac{1}{4}$ sec. 36, T. 9 N., R. 13 W. Records available: 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	25.91	June 17	26.73	Sept. 2	27.30	Nov. 5	27.37
Feb. 25	26.18	24	26.66	9	26.48	12	26.63
Mar. 26	26.22	July 1	26.90	16	26.49	19	26.24
Apr. 29	26.68	22	26.96	24	26.60	26	26.62
May 13	26.65	29	26.96	Oct. 1	26.44	Dec. 3	26.68
20	26.76	Aug. 5	26.69	9	26.54	10	26.84
27	26.80	12	26.63	15	26.69	17	26.85
June 3	26.80	19	26.65	22	26.55	23	26.83
10	26.70	26	26.55	29	26.58	30	26.78

45. Pauline Elliott. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 8 N., R. 13 W. Records available: 1949-50.

Jan. 27	26.28	June 24	26.52	Sept. 2	26.11	Nov. 5	26.19
Feb. 25	26.30	July 1	26.55	9	26.15	12	26.17
Mar. 26	26.08	8	26.50	16	26.04	19	25.94
Apr. 29	26.38	15	26.39	24	26.21	26	26.23
May 13	26.41	22	26.55	Oct. 1	26.12	Dec. 3	26.20
20	26.45	29	26.30	9	26.19	10	26.34
27	26.47	Aug. 5	26.34	15	26.16	17	26.32
June 3	26.47	12	26.32	22	26.20	23	26.25
10	26.52	19	26.36	29	26.22	30	26.25
17	26.52	26	26.15				

Canadian County

RFC 1. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 12 N., R. 5 W. Records available: 1939-50.

Jan. 31	5.57	May 18	3.44	Aug. 24	2.02	Oct. 31	5.30
Feb. 28	5.37	25	4.80	Sept. 27	1.87	Nov. 28	5.61
Mar. 31	6.19	June 29	6.74	Oct. 19	4.05	Dec. 27	5.39
Apr. 28	6.80	July 25	3.13				

2. Oklahoma City Water Department. NW $\frac{1}{4}$ sec. 33, T. 13 N., R. 7 W. Records available: 1939-50. Jan. 31, 10.16; Apr. 11, 10.48; May 18, 7.25; June 8, 7.86; Aug. 24, 7.08; Sept. 27, 5.90; Oct. 19, 6.00.

RFC 3. U. S. Geol. Survey. SW corner sec. 1, T. 13 N., R. 9 W. Records available: 1939-44, 1946-50. Apr. 12, 4.95; May 18, 4.43; June 9, 4.34; Oct. 20, 2.68.

RFC 4. U. S. Geol. Survey. NE corner sec. 17, T. 14 N., R. 10 W. Records available: 1939-50. Apr. 12, 4.68; May 18, 4.24; June 9, 4.43; Oct. 20, 1.85.

10. Alex Hufnagel. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 13 N., R. 9 W. Records available: 1941-50. Apr. 12, 26.29; June 9, 26.06; Oct. 20, 23.56.

13. J. R. Brannon. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 13 N., R. 9 W. Records available: 1941-50. Apr. 12, 7.53; June 9, 5.64; Oct. 20, 7.00.

82. Ryba Jacob. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 12 N., R. 6 W. Records available: 1941-50. Apr. 11, 23.53; June 8, 21.92; Oct. 19, 20.49.

85. W. L. Towe. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 12 N., R. 5 W. Records available: 1941-50. Apr. 11, 11.43; June 8, 10.03; Oct. 19, 9.10.

151. Canadian County. NW corner SW $\frac{1}{4}$ sec. 20, T. 14 N., R. 10 W. Records available: 1942-50. Apr. 12, 12.29; June 9, 12.16; Oct. 20, 9.50.

G1. U. S. Geol. Survey. SW corner sec. 29, T. 13 N., R. 7 W. Records available: 1942-49. Measurement discontinued.

G3. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, T. 13 N., R. 7 W. Records available: 1942-49. Measurement discontinued.

G4. U. S. Geol. Survey. NE corner sec. 8, T. 13 N., R. 9 W. Records available: 1942-50. Apr. 11, 12.97; June 9, 9.58; Oct. 20, 10.47.

G5. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 12 N., R. 6 W. Records available: 1942-49. Measurement discontinued.

G6. U. S. Geol. Survey. SE. corner sec. 8, T. 12 N., R. 5 W. Records available: 1942-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	9.30	Apr. 28	9.56	June 8	7.93	Nov. 28	6.21
Feb. 28	9.31	May 18	6.87	29	8.30	Dec. 27	6.16
Mar. 31	9.32	25	8.02				

G7. U. S. Geol. Survey. NW. corner SW $\frac{1}{4}$ sec. 21, T. 13 N., R. 7 W. Records available: 1942-50. Apr. 11, 15.11; June 8, 15.04; Oct. 19, 15.09.

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. Records available: 1942-50. Apr. 11, 14.30; June 8, 14.15; Oct. 19, 13.18.

G11. U. S. Geol. Survey. SW. corner sec. 8, T. 14 N., R. 10 W. Records available: 1942-50. Apr. 12, 3.76; May 18, 3.38; June 9, 3.76; Oct. 20, 2.65.

G12. U. S. Geol. Survey. SW. corner sec. 17, T. 14 N., R. 10 W. Records available: 1942-50. Apr. 12, 6.09; June 9, 5.61.

G13. U. S. Geol. Survey. SW. corner sec. 14, T. 14 N., R. 10 W. Records available: 1942-50. Apr. 12, 6.72; June 9, 6.87; Oct. 20, 5.58.

G14. U. S. Geol. Survey. 500 feet east of NW. corner sec. 25, T. 14 N., R. 10 W. Records available: 1942-50. Apr. 12, 15.58; June 9, 15.80; Oct. 20, 14.26.

G16. U. S. Geol. Survey. SE. corner SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 14 N., R. 9 W. Records available: 1942-50. Apr. 12, 16.06; June 9, 16.06; Oct. 20, 15.60.

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. Records available: 1942-50. Apr. 12, 10.94; June 9, 10.76; Oct. 20, 10.43.

G18. U. S. Geol. Survey. NW. corner sec. 11, T. 13 N., R. 9 W. Records available: 1942-50. Apr. 12, 19.81.

G20. U. S. Geol. Survey. NW. corner SW $\frac{1}{4}$ sec. 12, T. 12 N., R. 6 W. Records available: 1942-50. Apr. 11, 8.96; June 8, 7.47; Oct. 19, 7.85.

G24. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 12 N., R. 6 W. Records available: 1942-50. Apr. 11, 5.88; June 8, 4.22; Oct. 19, 4.34.

G27. U. S. Geol. Survey. SW. corner NW $\frac{1}{4}$ sec. 36, T. 14 N., R. 10 W. Records available: 1942-50. Apr. 12, 5.76; June 9, 6.03; Oct. 20, 4.25.

G28. U. S. Geol. Survey. SE. corner sec. 23, T. 13 N., R. 8 W. Records available: 1942-50. Apr. 11, 17.68; June 8, 17.39; Oct. 19, 17.01.

G29. U. S. Geol. Survey. SW. corner SE $\frac{1}{4}$ sec. 10, T. 13 N., R. 8 W. Records available: 1942-50. Apr. 11, 6.98; June 8, 6.23; Oct. 19, 6.74.

G30. U. S. Geol. Survey. SW. corner sec. 36, T. 14 N., R. 9 W. Records available: 1942-47, 1949-50. Apr. 12, 8.10; June 9, 7.88; Oct. 20, 7.98.

G32. U. S. Geol. Survey. NE. corner NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 13 N., R. 8 W. Records available: 1942-50. Apr. 12, 6.37; June 9, 6.00; Oct. 19, 4.98.

G34. U. S. Geol. Survey. SW. corner sec. 32, T. 13 N., R. 7 W. Records available: 1942-49. Measurement discontinued.

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. Records available: 1942-50. Apr. 11, 8.50; June 8, 7.05; Oct. 19, 6.87.

G38. U. S. Geol. Survey. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 12 N., R. 6 W. Records available: 1942-50. Apr. 11, 6.60; June 8, 5.08; Oct. 19, 4.81.

G41. U. S. Geol. Survey. 150 feet north of SW. corner sec. 4, T. 13 N., R. 8 W. Records available: 1942-50. Apr. 11, 5.80; June 8, 5.54; Oct. 20, 5.22.

G42. U. S. Geol. Survey. SE. corner SW $\frac{1}{4}$ sec. 22, T. 13 N., R. 8 W. Records available: 1942-48. Measurement discontinued.

G44. U. S. Geol. Survey. NW. corner sec. 28, T. 14 N., R. 10 W. Records available: 1942-50. Apr. 12, 13.78; June 9, 13.76; Oct. 20, 10.10.

G45. U. S. Geol. Survey. NW. corner sec. 21, T. 13 N., R. 8 W. Records available: 1942-50. Apr. 12, 9.62; June 9, 8.06; Oct. 20, 8.57.

G46. U. S. Geol. Survey. NE. corner sec. 29, T. 13 N., R. 8 W. Records available: 1942-50. Apr. 12, 15.67; June 9, 15.03; Oct. 19, 14.31.

G49. U. S. Geol. Survey. NE. corner SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, T. 12 N., R. 7 W. Records available: 1942-50. Apr. 11, 18.83; June 8, 18.50; Oct. 19, 17.62.

G50. U. S. Geol. Survey. SE. corner sec. 1, T. 12 N., R. 7 W. Records available: 1942-50. Apr. 11, 17.53; June 8, 16.29; Oct. 19, 16.20.

G52a. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 12 N., R. 5 W. Records available: G52, 1942-46; G52a, 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	5.70	May 18	3.08	July 25	2.46	Oct. 31	5.22
Feb. 28	5.65	25	3.70	Aug. 24	2.11	Nov. 28	4.38
Mar. 31	6.97	June 8	3.87	Sept. 27	2.24	Dec. 27	4.67
Apr. 28	6.78	29	5.23	Oct. 19	3.10		

G53. U. S. Geol. Survey. SW $\frac{1}{4}$ sec. 3, T. 10 N., R. 7 W. Records available: 1946-50.

Jan. 31	6.94	Apr. 29	7.35	July 29	2.91	Oct. 31	6.10
Feb. 25	6.85	May 27	3.47	Aug. 24	6.66	Nov. 28	6.34
Mar. 29	7.08	June 23	5.59	Sept. 27	5.55	Dec. 30	6.52

Choctaw County

1. Rose Lawn Creamery. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 6 S., R. 17 E. Drilled well, diameter 8 inches, depth 320 feet. Aquifer, Trinity sand. Dec. 21, 1944, 111.05; 1950: June 30, 125.51; Aug. 29, 118.56; Oct. 27, 123.80. Records available: 1944, 1950.

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. Records available: 1939-50. May 24, 161.64.

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. Records available: 1946-50. May 24, 6.06.

224. Walter R. Wood. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 3 N., R. 1 E. Records available: 1938-50. May 24, 129.84.

237. Central Life Assurance Society. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, T. 3 N., R. 1 E. Records available: 1939-49. Measurement discontinued.

263. John Ohnick, Jr. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15, T. 3 N., R. 4 E. Records available: 1938-50. May 24, 119.94.

275. O. A. Showalter. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 3 N., R. 5 E. Records available: 1938-50. May 23, 147.02.

276. Atchison, Topeka & Santa Fe Railroad. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 3 N., R. 5 E. Records available: 1938-50. May 23, 133.87.

313. E. J. Behrendt. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, T. 3 N., R. 7 E. Records available: 1938-50. May 23, 40.52.

435. B. J. Wiggins. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 4 N., R. 8 E. Records available: 1938-50. May 23, 135.48.

436. Mrs. S. C. Cantrell. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32, T. 4 N., R. 8 E. Records available: 1938-49. Measurement discontinued.

516. State of Oklahoma. SE $\frac{1}{4}$ sec. 34, T. 5 N., R. 5 E. Records available: 1939-50. May 23, 14.48.

610. A. S. Parker. NW $\frac{1}{4}$ sec. 21, T. 6 N., R. 5 E. Records available: 1938-50. May 23, 29.95.

660. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 5 N., R. 5 E. Records available: 1946-50. May 23, 5.20.

Cleveland County

1. Mrs. Elizabeth E. Taylor. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28, T. 10 N., R. 3 W. Records available: 1939-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	8.03	Apr. 3	8.36	July 3	6.60	Oct. 2	6.49
9	7.69	10	8.57	10	6.81	9	6.35
16	7.50	17	8.37	17	6.91	16	6.69
23	7.50	24	8.12	24	5.74	23	6.88
30	8.04	May 1	8.53	31	5.40	30	7.05
Feb. 6	8.13	8	8.71	Aug. 7	5.88	Nov. 6	7.07
13	7.62	15	5.34	14	6.40	13	7.23
20	7.55	22	6.19	21	5.58	20	7.50
27	7.90	29	3.99	28	5.72	27	7.45
Mar. 6	7.98	June 5	5.33	Sept. 4	6.29	Dec. 4	7.41
13	8.35	12	5.18	11	6.59	11	7.60
20	8.35	19	5.92	18	5.59	18	7.87
27	8.29	26	6.32	25	6.10	25	7.86

4. City of Norman. 93 feet north of center of Daws St., 150 feet west of Santa Fe Ave., in city park, Norman. Records available: 1940, 1942-50.

Jan. 3	275.10	Apr. 3	303.74	July 3	312.98	Sept. 25	301.30
9	276.21	10	304.48	10	308.78	Oct. 2	303.90
16	277.04	17	305.10	17	308.12	9	305.70
23	276.48	24	302.98	24	302.73	23	313.22
30	277.27	May 1	305.78	31	302.73	30	310.28
Feb. 6	276.65	8	312.12	Aug. 7	304.13	Nov. 6	309.68
13	293.71	15	307.41	14	304.31	13	306.57
20	299.52	23	309.47	21	288.53	20	307.70
27	300.08	29	311.24	28	285.02	27	306.25
Mar. 6	299.87	June 5	305.78	Sept. 4	298.26	Dec. 4	307.31
13	300.83	12	303.52	11	300.17	11	307.63
20	300.88	19	307.05	18	299.14	25	305.50
27	303.23	26	308.73				

5. F. W. Goldsby. NW. corner SE $\frac{1}{4}$ sec. 30, T. 9 N., R. 1 W. Records available: 1942-50.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	144.45	143.84	.....	143.44	143.65	143.32	143.75	143.87	144.02	144.08	144.52	144.82
2	144.30	143.93	.....	143.31	143.56	143.26	.....	143.69	144.02	144.19	144.54	144.83
3	144.26	143.94	.....	143.37	143.56	143.32	143.76	143.68	144.07	144.19	144.65	144.90
4	144.36	143.87	.....	143.60	143.56	143.35	143.78	143.63	144.16	144.17	144.65	144.87
5	144.36	143.81	.....	143.70	143.70	143.35	143.78	143.63	144.19	144.10	.....	145.07
6	144.43	143.66	143.12	143.65	143.70	143.30	143.83	143.66	144.19	144.02	.....	145.07
7	144.46	143.61	143.33	143.53	143.70	143.32	143.84	.....	144.16	144.12	.....	144.95
8	144.37	143.69	143.47	143.44	143.70	143.30	143.84	.....	144.15	144.18	.....	144.91
9	144.14	143.69	143.45	143.41	143.73	143.33	.....	.....	144.13	144.16	.....	145.06
10	144.27	143.67	143.34	143.68	143.73	143.39	.....	.....	144.09	144.13	.....	145.06
11	144.24	143.64	143.29	143.63	143.61	143.40	.....	.....	144.20	144.19	.....	144.92
12	144.10	143.47	143.32	143.60	143.57	143.36	.....	.....	144.21	144.21	.....	144.89
13	144.14	143.55	143.48	143.63	143.46	143.33	.....	.....	144.21	144.23	144.69	144.89
14	144.14	143.59	143.45	143.62	143.38	143.37	.....	.....	144.16	144.18	144.69	144.89
15	144.15	143.60	143.33	143.60	143.38	143.41	.....	143.85	144.05	144.21	144.76	145.00
16	144.15	143.60	143.42	143.54	143.38	143.42	.....	143.87	144.07	144.27	144.89	145.03
17	144.08	143.52	143.37	143.51	143.40	143.45	.....	143.86	144.13	144.32	144.88	145.08
18	144.00	143.60	143.28	144.55	143.38	143.44	.....	143.88	144.14	144.29	144.81	.....
19	144.12	143.61	143.36	143.63	143.31	143.43	.....	143.91	144.13	144.29	144.74	.....
20	144.13	143.51	143.36	143.60	143.34	143.44	.....	143.97	144.06	144.29	144.93	.....
21	144.03	143.35	143.37	143.50	143.41	143.45	.....	143.94	144.09	144.25	144.93	.....
22	143.85	143.39	143.41	143.44	143.42	143.44	.....	143.91	144.12	144.34	144.85	.....
23	143.67	.....	143.29	143.41	.....	143.42	.....	143.90	144.07	144.40	145.03	.....
24	143.66	.....	143.33	143.47	.....	143.47	.....	143.90	144.13	144.35	145.03	.....
25	143.87	.....	143.27	143.56	143.43	143.57	143.91	143.93	144.12	144.35	144.96	.....
26	144.03	.....	143.09	143.54	143.44	143.62	143.83	143.96	144.09	144.34	144.90	145.15
27	144.03	143.29	143.21	143.55	143.44	143.69	143.78	143.97	144.07	144.32	144.87	145.15
28	143.85	.....	143.42	143.53	143.36	143.69	143.72	143.96	144.08	144.43	144.88	145.05
29	143.84	.....	143.59	143.61	.....	143.75	143.64	143.96	144.09	144.45	144.90	145.02
30	143.84	.....	143.60	143.72	.....	143.75	143.60	143.96	144.06	144.48	144.83	145.04
31	143.84	.....	143.48	.....	143.35	.....	143.66	143.99	.....	144.48	.....	145.00

a Tape measurement.

6. C. H. Taylor. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 8 N., R. 2 W. Records available: 1943-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9	115.18	Apr. 10	114.91	July 10	114.67	Oct. 9	114.29
16	115.40	17	114.94	24	114.56	16	114.26
23	115.19	24	114.70	31	114.34	23	114.15
30	115.33	May 1	114.93	Aug. 7	114.41	30	114.21
Feb. 6	115.28	8	114.93	14	114.48	Nov. 6	114.10
13	115.17	15	114.72	21	114.49	13	114.20
20	115.12	22	114.79	28	114.44	20	114.26
27	115.17	29	114.53	Sept. 4	114.52	27	114.16
Mar. 6	115.00	June 5	114.56	11	114.51	Dec. 4	113.89
13	115.25	12	114.59	18	114.34	11	114.04
20	115.00	19	114.57	25	114.38	18	115.24
27	114.77	26	114.67	Oct. 2	114.34	25	114.16
Apr. 3	114.75	July 3	114.69				

8. Town of Noble. SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 8 N., R. 2 W. In SE. corner of town garage. at water tower 57 feet south of Noble public-supply well. Records available: 1943-50.

Jan. 9	206.19	Apr. 24	196.20	July 17	202.86	Oct. 2	193.08
16	207.18	May 1	196.07	24	193.15	9	193.98
Feb. 13	203.24	8	196.28	31	192.99	16	200.40
20	201.15	15	204.67	Aug. 7	193.46	23	201.28
27	193.13	22	202.87	14	196.47	30	202.19
Mar. 6	198.03	29	199.32	21	181.59	Nov. 6	195.55
13	191.13	June 5	190.28	28	196.85	13	201.20
20	193.54	12	192.38	Sept. 4	195.35	20	201.31
27	200.87	19	197.27	11	193.79	27	195.52
Apr. 3	195.73	July 3	205.55	18	198.24	Dec. 4	202.88
10	200.20	10	202.75	25	198.63	11	205.44
17	195.92						

10. University of Oklahoma. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 9 N., R. 2 W. East of field house. Records available: 1940, 1942-50.

Jan. 3	270.07	Apr. 3	270.82	July 3	271.30	Oct. 2	252.88
9	269.28	10	270.91	10	271.27	9	256.13
16	270.05	17	271.00	17	271.28	16	260.05
23	268.24	25	270.44	24	269.05	23	255.30
30	269.40	May 1	269.90	31	271.30	30	259.48
Feb. 6	269.23	8	270.35	Aug. 7	268.58	Nov. 6	255.40
13	268.88	15	270.05	14	273.18	13	259.24
20	272.60	23	269.89	21	268.19	20	261.37
27	275.02	29	269.88	Sept. 4	255.11	27	255.50
Mar. 6	268.70	June 5	272.44	11	259.65	Dec. 4	256.50
13	270.05	12	268.50	18	252.33	11	255.78
20	271.00	19	268.72	25	253.05	25	253.50
27	269.68	26	269.95				

11. Mid-Continent Petroleum Co. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 10 N., R. 3 W. Records available: 1944-50.

Jan. 3	179.09	Apr. 3	179.40	July 3	180.00	Oct. 2	179.90
9	180.65	10	179.60	10	180.09	9	179.81
16	180.78	17	181.80	17	180.05	16	179.94
23	179.30	24	180.05	24	179.94	23	179.95
30	179.56	May 1	180.05	31	179.72	30	180.00
Feb. 6	179.47	8	180.06	Aug. 7	179.70	Nov. 6	179.97
13	179.39	15	179.74	14	179.91	13	180.04
20	179.50	22	179.81	21	182.79	20	180.21
27	179.38	29	179.65	28	179.74	27	180.04
Mar. 6	179.30	June 5	179.70	Sept. 4	179.78	Dec. 4	179.77
13	179.56	12	179.65	11	179.80	11	179.91
20	179.44	19	179.77	18	179.74	18	180.10
27	170.40	26	179.86	25	179.77	25	180.87

12. Dave Price. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 9 N., R. 3 W. Records available: 1945-50.

Jan. 3	154.54	Feb. 27	154.74	Apr. 17	154.64	July 17	157.57
16	154.90	Mar. 6	154.60	24	154.44	24	157.99
23	154.55	13	154.87	June 5	164.01	31	157.72
30	154.82	20	154.70	19	160.33	Aug. 7	157.72
Feb. 6	154.77	27	154.51	26	158.83	14	157.76
13	154.67	Apr. 3	154.49	July 3	158.61	21	157.43
20	154.73	10	154.66	10	158.41	28	157.47

12--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 4	157.53	Oct. 9	157.52	Nov. 6	157.62	Dec. 4	157.58
11	157.58	16	157.52	13	157.73	11	157.82
18	157.50	23	157.54	20	157.90	18	158.05
25	157.54	30	157.58	27	157.75	25	157.92
Oct. 2	157.56						

14. U. S. Geol. Survey. NE. corner sec. 29, T. 9 N., R. 3 W. Records available: 1946-50.

Jan. 3	7.38	Apr. 3	7.99	July 3	7.78	Oct. 2	6.13
9	7.44	10	8.22	10	7.89	9	6.07
16	7.53	17	8.12	17	7.93	16	6.25
23	7.44	24	8.40	24	6.95	23	6.37
30	7.53	May 1	8.48	31	6.26	30	6.49
Feb. 6	7.50	8	8.78	Aug. 7	6.25	Nov. 6	6.48
13	7.03	15	7.63	14	6.37	13	6.44
20	7.40	22	7.72	21	5.83	20	6.52
27	7.50	29	7.07	28	5.82	27	6.40
Mar. 6	7.53	June 5	6.04	Sept. 4	5.89	Dec. 4	6.36
13	7.63	12	7.03	11	6.01	11	6.35
20	7.63	19	7.22	18	5.84	18	6.45
27	7.85	26	7.40	25	6.01	25	6.37

15. U. S. Geol. Survey. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 6 N., R. 1 W. Records available: 1947-50.

Jan. 30	7.72	Apr. 24	7.22	Sept. 29	5.86	Nov. 27	6.58
Feb. 27	6.99	May 29	4.66	Oct. 27	6.37	Dec. 25	6.60
Mar. 27	7.10	Aug. 28	5.63				

Comanche County

2. Minnie Taylor and others. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 2 N., R. 12 W. Records available: 1947-50. Apr. 7, 8.45; Nov. 17, 5.29.

Custer County

1. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 12 N., R. 17 W. Records available: 1946-50. May 28, 10.54.

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. Records available: 1946-50. May 28, 36.90.

2. Dorothy B. Shrewder. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, T. 18 N., R. 24 W. Records available: 1946-47, 1949-50. May 28, 41.20.

4. J. Q. Tefertiller. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 19 N., R. 25 W. Records available: 1946-50. May 28, 26.04.

6. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 21 N., R. 25 W. Records available: 1947-50. May 28, 3.80.

Garfield County

1. City of Enid. NW. corner sec. 19, T. 21 N., R. 8 W. Drilled test well, diameter 12 inches, depth 110 feet. Probable aquifer, Hennessey shale. Equipped with recording gage from February 9 thru April 25, 1950. Records available: 1950.

Feb. 8	15.80	Feb. 20	15.79	Mar. 7	15.91	Mar. 21	15.84
9	15.80	21	15.73	8	15.96	22	15.85
10	15.80	22	15.73	9	15.91	23	15.76
11	15.77	23	15.80	10	15.93	24	15.79
12	15.74	24	15.91	11	15.94	25	15.73
13	15.81	28	15.87	14	15.98	26	15.66
14	15.85	Mar. 1	15.91	15	15.90	27	15.81
15	15.86	2	15.91	16	15.90	28	15.89
16	15.86	3	15.85	17	15.84	29	15.97
17	15.80	4	15.88	18	15.82	30	15.96
18	15.87	5	15.88	19	15.84	31	15.84
19	15.87	6	15.80	20	15.83	Apr. 1	15.87

1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 2	15.77	Apr. 12	15.91	Apr. 21	15.82	May 31	15.86
3	15.83	13	15.92	22	15.79	June 30	16.64
4	15.93	14	15.89	23	15.78	July 31	15.79
5	15.95	15	15.86	24	15.89	Sept. 3	14.67
6	15.89	16	15.84	25	15.94	20	14.27
7	15.77	Apr. 17	15.83	27	15.97	Oct. 4	14.38
8	15.74	18	15.87	May 4	15.92	25	14.36
9	15.72	19	15.94	11	15.89	Nov. 28	14.16
10	15.90	20	15.90	18	15.77	Dec. 27	14.20
11	15.93						

2. City of Enid. NW. corner SW $\frac{1}{4}$ sec. 19, T. 21 N., R. 8 W. Drilled test well, diameter 8 inches, depth 122 feet. Aquifer, Hennessey shale and terrace deposit. Records available: 1950.

Feb. 8	10.34	Mar. 23	10.43	May 4	10.59	Sept. 3	9.53
14	10.45	30	10.48	11	10.59	Oct. 5	8.83
24	10.68	Apr. 6	10.50	18	10.53	25	9.00
Mar. 2	10.42	13	10.57	31	10.66	Nov. 28	9.21
9	10.72	20	10.55	June 30	11.82	Dec. 27	9.22
15	10.50	27	10.61	July 31	11.12		

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 well, diameter 36 inches, depth 11 feet. Aquifer, alluvium of Turkey Creek. Records available: 1950.

Mar. 6	5.12	Apr. 20	5.49	June 8	4.68	Aug. 4	2.98
9	5.20	27	5.64	15	4.89	Sept. 3	3.68
15	5.12	May 4	5.76	30	5.62	20	2.60
23	5.12	11	5.07	July 7	5.85	Oct. 5	3.26
30	5.22	18	4.97	13	6.01	6	3.74
Apr. 6	5.30	5	5.02	22	5.84	Nov. 28	4.01
13	5.43	June 1	5.15	28	5.74	Dec. 27	4.09

4. H. W. Dierksen. SE. corner SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 21 N., R. 8 W. Dug unused well, diameter 36 inches, depth 13 feet. Probable aquifer, alluvium. Records available: 1950.

Mar. 3	2.64	Apr. 20	3.08	June 8	3.05	Aug. 4	1.83
9	2.70	27	3.53	15	3.74	Sept. 3	2.64
15	2.60	May 4	3.73	30	4.59	20	2.05
23	2.82	11	2.32	July 7	4.80	Oct. 4	2.63
30	3.07	18	2.97	13	4.86	25	2.99
Apr. 6	2.69	25	3.23	22	3.55	Nov. 28	2.39
13	3.12	June 1	3.27	28	3.37	Dec. 27	2.35

5. City of Enid. SW. corner sec. 19, T. 21 N., R. 8 W. Drilled test well, diameter 12 inches, depth 180 feet. Probable aquifer, Hennessey shale. Records available: 1950.

Mar. 30	10.78	Apr. 27	10.76	May 31	10.69	Oct. 5	8.84
Apr. 6	10.71	May 4	10.69	June 30	14.41	25	9.14
13	10.77	11	10.60	July 31	10.51	Nov. 28	9.25
20	10.72	18	10.57	Sept. 3	9.36	Dec. 27	9.17

6. Dierksen. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 21 N., R. 8 W. Dug stock well, diameter 24 inches, depth 22 feet. Probable aquifer, terrace deposit. Records available: 1950.

May 27	13.32	May 11	13.43	June 30	13.92	Sept. 3	12.10
30	13.15	18	13.39	July 7	14.00	20	11.80
Apr. 6	13.20	25	13.50	13	14.16	Oct. 4	11.77
13	13.25	June 1	13.53	22	14.05	25	11.80
20	13.27	8	13.52	28	13.98	Nov. 28	12.06
27	13.33	15	13.54	Aug. 4	12.54	Dec. 27	12.23
May 4	13.37						

7. Paul Gregory. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 21 N., R. 8 W. Drilled unused well, diameter 6 inches, depth 27 feet. Aquifer, terrace deposit. Records available: 1950.

Apr. 6	14.60	May 18	14.94	July 7	16.13	Sept. 20	15.65
13	14.66	25	15.04	13	16.30	Oct. 5	15.57
20	14.70	June 8	14.99	22	16.35	25	15.73
27	14.78	15	15.17	28	16.32	Nov. 28	15.35
May 4	14.82	23	15.56	Aug. 4	16.11	Dec. 27	15.10
11	14.97	30	15.93	Sept. 3	15.96		

8. City of Enid. NW. corner NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 66 feet. Probable aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	57.30	May 31	57.33	Sept. 4	57.44	Nov. 29	57.33
Apr. 4	57.29	June 29	57.35	Oct. 2	57.46	Dec. 28	57.39
28	57.32	Aug. 2	57.42	27	57.42		

9. City of Enid. NE. corner NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 28, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 59 feet. Probable aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	49.10	May 31	49.16	Sept. 4	49.23	Nov. 29	49.26
Apr. 4	49.13	June 29	49.17	Oct. 2	49.24	Dec. 28	49.27
28	49.15	Aug. 2	49.18	27	49.25		

10. City of Enid. SE. corner NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 48 feet. Probable aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	34.88	May 31	34.97	Sept. 4	35.03	Nov. 29	35.10
Apr. 4	34.90	June 29	34.98	Oct. 2	35.09	Dec. 28	35.16
28	34.96	Aug. 2	35.00	27	35.09		

12. City of Enid. NW. corner SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 60 feet. Probable aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	48.63	May 31	48.70	Sept. 4	48.70	Nov. 29	48.60
Apr. 4	48.60	June 29	48.77	Oct. 2	48.62	Dec. 28	48.44
28	48.68	Aug. 2	48.87	27	48.50		

13. City of Enid. NE. corner NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 66 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	53.57	May 31	53.27	Sept. 4	53.17	Nov. 29	53.11
Apr. 4	53.15	June 29	53.22	Oct. 2	53.13	Dec. 28	53.03
28	53.23	Aug. 2	53.24	27	53.03		

14. City of Enid. NE. corner NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 70 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	55.79	May 31	55.94	Sept. 4	55.64	Nov. 29	55.33
Apr. 4	55.73	June 29	55.97	Oct. 2	55.55	Dec. 28	55.17
28	55.89	Aug. 2	55.96	27	55.45		

15. City of Enid. NE. corner NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 56 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	35.62	May 31	35.80	Sept. 4	35.82	Nov. 29	35.96
Apr. 4	35.63	June 29	35.80	Oct. 2	35.93	Dec. 28	35.99
28	35.66	Aug. 2	35.80	27	35.91		

16. City of Enid. NW. corner NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 50 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 7	34.06	May 31	34.26	Sept. 4	34.34	Nov. 29	34.21
Apr. 4	34.10	June 29	34.30	Oct. 2	34.29	Dec. 28	34.21
28	34.19	Aug. 2	34.35	27	34.26		

17. City of Enid. NW. corner NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 60 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 28	57.66	Aug. 2	57.90	Oct. 2	58.10	Nov. 28	58.25
May 31	57.75	Sept. 4	58.00	27	58.15	Dec. 28	58.11
June 29	57.81						

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 test well, diameter 2 inches, depth 72 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 14	57.48	Apr. 28	58.44	Aug. 2	58.25	Oct. 27	58.39
Mar. 7	57.97	May 31	58.18	Sept. 4	58.44	Nov. 28	58.01
Apr. 4	58.41	June 29	58.01	Oct. 2	58.54	Dec. 28	57.58

19. City of Enid. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 23 N., R. 7 W. Drilled test well, diameter 2 inches, depth 60 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 14	43.30	Apr. 28	44.24	Aug. 2	44.39	Oct. 27	45.50
Mar. 7	43.58	May 31	43.82	Sept. 4	44.80	Nov. 28	45.89
Apr. 4	43.91	June 29	44.21	Oct. 2	45.19	Dec. 28	46.27

Grady County

3. Simmons. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 4 N., R. 7 W. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	14.67	Apr. 30	14.98	July 29	13.00	Oct. 25	13.28
Feb. 24	14.42	May 26	14.05	Aug. 25	13.08	Nov. 29	13.30
Mar. 25	14.48	June 23	13.98	Sept. 26	13.19	Dec. 28	13.48

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. Records available: 1946-50.

Jan. 26	55.83	Apr. 30	55.98	July 29	55.60	Nov. 29	53.69
Feb. 24	55.55	May 26	55.95	Oct. 25	54.44	Dec. 28	52.59
Mar. 25	55.45	June 30	56.07				

8. N. L. and O. F. Davis. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 4 N., R. 7 W. Records available: 1946-50.

Jan. 26	32.88	Apr. 30	33.10	July 29	28.69	Oct. 25	27.55
Feb. 24	32.62	May 26	32.62	Aug. 25	27.53	Nov. 29	28.00
Mar. 25	32.47	June 30	30.10	Sept. 26	27.52	Dec. 28	28.60

11. Mamie L. Hill Estate. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 4 N., R. 7 W. Records available: 1946-50.

Jan. 26	11.57	May 26	4.37	Aug. 25	2.70	Nov. 29	4.74
Feb. 24	10.90	June 30	4.13	Sept. 26	3.39	Dec. 28	5.54
Mar. 25	10.69	July 29	1.68	Oct. 25	4.04		

12. James Howell. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, T. 4 N., R. 8 W. Records available: 1946-50.

Jan. 26	49.28	Apr. 30	49.32	July 29	48.61	Oct. 25	48.28
Feb. 24	48.85	May 26	49.39	Aug. 25	48.59	Nov. 29	48.15
Mar. 25	48.60	June 30	49.03	Sept. 26	48.44	Dec. 28	48.29

19. D. T. and Leona Hood. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 4 N., R. 8 W. Records available: 1946-50.

Jan. 26	28.01	Apr. 30	27.49	July 29	26.00	Oct. 25	25.85
Feb. 24	27.80	May 26	27.22	Aug. 25	25.84	Nov. 28	25.96
Mar. 25	27.57	June 30	26.32	Sept. 26	25.93	Dec. 28	26.44

24. W. W. Mobley. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 4 N., R. 7 W. Records available: 1946-50.

Jan. 26	14.34	Apr. 30	14.17	July 29	9.56	Oct. 25	8.80
Feb. 24	14.46	May 26	12.75	Aug. 25	9.28	Nov. 29	10.17
Mar. 25	14.57	June 30	10.77	Sept. 26	9.37	Dec. 28	10.30

26. G. W. Wade. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 3 N., R. 8 W. Records available: 1946-50.

Jan. 26	13.49	May 26	12.31	Aug. 25	10.33	Nov. 29	11.05
Mar. 25	12.94	June 30	10.23	Sept. 26	10.31	Dec. 28	11.52
Apr. 30	13.05	July 29	10.14	Oct. 25	10.25		

35. D. and Nora Stinson. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 3 N., R. 8 W. Records available: 1946-50.

Jan. 26	56.04	Apr. 30	56.21	July 29	56.13	Oct. 25	55.55
Feb. 24	56.01	May 26	56.54	Aug. 25	56.00	Nov. 29	55.72
Mar. 24	55.96	June 30	56.52	Sept. 26	55.97	Dec. 28	55.26

36. Henry Sweany. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 4 N., R. 8 W. Records available: 1946-50.

Jan. 26	76.36	Apr. 30	76.55	July 29	75.96	Oct. 25	75.22
Feb. 24	76.09	May 26	76.46	Aug. 25	75.78	Nov. 29	75.07
Mar. 25	76.02	June 30	76.32	Sept. 26	75.48	Dec. 28	75.11

43. Q. L. Merideth. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 4 N., R. 8 W. Records available: 1946-50.

Jan. 26	4.01	Apr. 30	4.08	July 29	3.63	Oct. 25	3.02
Feb. 24	4.04	May 26	4.93	Aug. 25	3.83	Nov. 29	3.05
Mar. 25	4.00	June 30	4.02	Sept. 26	3.37	Dec. 28	2.86

66. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 4 N., R. 8 W. Records available: 1948-50.

66--Continued.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	.....	81.44	81.32	81.41	81.47	81.46	81.41	81.08	80.94	80.72	.....
2	.....	.....	.....	81.15	81.30	81.41	81.37	81.42	81.08	81.03	80.72	.....
3	.....	81.29	81.20	81.38	81.31	81.53	81.38	81.41	81.11	81.03	80.80	80.81
4	a81.22	81.23	81.26	81.53	81.32	81.53	81.46	81.33	81.11	80.99	80.79	80.65
5	81.20	81.18	.....	81.52	81.49	81.46	81.42	81.33	81.11	80.94	80.62	80.93
6	.....	.....	81.15	81.45	81.48	81.43	81.44	81.34	81.12	80.84	80.67	80.93
7	81.29	81.07	81.33	81.26	81.44	81.43	81.43	81.34	81.07	80.96	80.67	80.71
8	81.22	.....	81.40	81.24	81.45	81.40	81.42	81.33	81.05	80.99	80.77	80.78
9	81.01	.....	81.39	81.22	81.44	81.40	.....	81.37	81.03	80.96	80.87	80.83
10	81.26	.....	81.19	81.50	81.53	81.54	81.39	81.31	81.01	80.87	80.87	80.83
11	81.25	.....	81.28	81.53	81.52	81.49	81.39	81.28	81.07	80.92	80.77	80.66
12	81.10	.....	81.34	81.42	81.51	.....	81.43	81.28	81.07	80.96	80.68	80.67
13	81.22	.....	81.43	81.43	81.37	.....	81.45	81.28	81.08	80.92	80.67	80.67
14	81.22	.....	.....	81.40	81.37	.....	81.43	81.28	81.06	80.86	80.67	80.70
15	81.25	81.33	81.25	81.37	81.39	81.45	81.34	81.32	81.01	80.88	80.69	80.76
16	81.30	81.29	81.35	81.36	81.43	81.44	81.33	81.30	81.04	80.81	80.69	80.76
17	81.16	81.21	81.32	81.33	81.44	81.43	81.42	81.28	81.10	80.93	80.69	80.77
18	81.16	81.38	81.31	81.47	81.42	81.35	81.41	81.27	81.06	80.86	80.61	80.77
19	81.31	81.35	81.33	81.52	81.37	81.43	81.43	81.26	81.06	80.84	80.47	80.75
20	.....	81.21	81.29	81.45	81.50	81.42	81.47	81.30	81.00	80.84	80.47	.....
21	81.17	81.19	81.32	81.33	81.49	81.48	81.41	81.28	81.02	80.81	80.49	.....
22	.....	81.20	81.36	81.32	81.49	81.40	81.42	81.20	81.02	80.84	80.64	.....
23	80.92	81.14	81.21	81.27	81.42	81.34	81.40	a81.22	81.00	80.90	80.69	.....
24	81.04	81.24	81.25	81.42	81.40	81.40	81.44	.....	81.02	80.86	.....	.....
25	81.24	81.29	81.19	81.48	81.53	81.44	81.43	81.11	81.00	80.72	.....	.....
26	.....	81.35	81.11	81.38	81.59	81.45	81.39	81.13	81.00	80.70	.....	80.81
27	81.34	81.27	81.23	81.39	81.52	81.45	81.37	81.13	80.99	80.69	.....	80.81
28	81.10	81.36	81.43	81.31	81.44	81.52	81.34	81.10	80.89	80.74	.....	80.68
29	81.23	.....	81.56	81.45	81.41	81.47	81.30	81.11	80.89	80.75	.....	80.70
30	81.20	.....	81.47	81.50	81.41	81.46	81.32	81.08	80.92	80.75	.....	80.71
31	81.24	.....	81.26	.....	81.48	.....	81.41	.....	.....	80.72	.....	80.69

a Tape measurement.

76. U. S. Geol. Survey. SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, T. 7 N., R. 7 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	5.91	Apr. 29	6.40	July 29	1.33	Oct. 25	3.71
Feb. 25	5.73	May 27	3.75	Aug. 25	2.13	Nov. 29	4.44
Mar. 25	6.12	June 30	4.82	Sept. 26	2.93	Dec. 28	4.80

77. W. W. Mobley. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 4 N., R. 7 W. Records available: 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 24	24.28	May 26	22.63	Aug. 25	20.70	Nov. 29	21.34
Mar. 25	24.37	June 30	21.47	Sept. 26	20.78	Dec. 28	21.61
Apr. 30	24.33	July 29	20.46	Oct. 25	21.21		

Greer County

1. Claude Robertson. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 3 N., R. 23 W. Records available: 1948-49. Measurement discontinued.2. Claude Robertson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 5, 24.28; Nov. 15, 22.04.3. Ivan Owen. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 6, 23.77.6. Earl Thomas. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 4 N., R. 23 W. Records available: 1949-50. Nov. 15, 25.43.7. Sid Burcham. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 5 N., R. 23 W. Records available: 1949-50. Apr. 5, 92.80; Apr. 15, 89.23.11. Ivan Owen. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 6, 30.95; Nov. 15, 26.50.12. Ivan Owen. NE. corner SE $\frac{1}{4}$ sec. 16, T. 3 N., R. 23 W. Drilled irrigation well, diameter 14 inches, depth 105 feet, on gentle slope. Apr. 6, 22.63; Nov. 15, 17.81. Records available: 1950.

Harmon County

1. Ward Bros. SW. corner NW $\frac{1}{4}$ sec. 5, T. 2 N., R. 26 W. Drilled irrigation well, diameter 16 inches, depth 149 feet. Records available: 1950. Nov. 16, 20. 24.
2. Mrs. Barbara Brown. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 2 N., R. 27 W. Drilled irrigation well, diameter 18 inches reducing to 10 inches, depth 138 feet. In a flat area. Records available: 1950. Nov. 16, 30. 96.
3. Keith. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 2 N., R. 26 W. Drilled irrigation well, diameter 14 inches, depth 102 feet. Records available: 1950. Nov. 16, 12. 47.
4. J. M. Cunningham. NW. corner SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 2 N., R. 26 W. Drilled irrigation well, diameter 16 inches reducing to 14 inches, depth 200 feet. Records available: 1950. Nov. 16, 11. 07.
5. H. B. Bartlett. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 1 N., R. 26 W. Drilled irrigation well, diameter 14 inches, depth 54 feet. Records available: 1950. Nov. 16, 14. 25.
6. McClendon. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 1 N., R. 27 W. Drilled irrigation well, diameter 14 inches, depth 54 feet. Records available: 1950. Nov. 16, 14. 80.
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. Records available: 1950. Nov. 16, 31. 51.
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 well, depth 112 feet. Records available: 1950. Nov. 16, 20. 27.
9. Oscar Bryant. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 2 N., R. 25 W. Drilled unused well, diameter 14 inches, depth 112 feet. Records available: 1950. Nov. 16, 20. 02.

Harper County

1. E. W. Johnson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18, T. 26 N., R. 25 W. Records available: 1940-50. May 19, 5. 84; Oct. 28, 5. 79.

Jackson County

1. U. S. Geol. Survey. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 2 N., R. 18 W. Records available: 1947-50. Apr. 5, 7. 61; Nov. 13, 7. 47.
3. Ivan Owen. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 2 N., R. 23 W. Records available: 1948-50. Nov. 14, 26. 87.
4. Buddy Bryant. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 3 N., R. 23 W. Records available: 1948-50. Apr. 6, 31. 75; Nov. 14, 29. 54.
5. Otto Yates. S $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 35, T. 3 N., R. 23 W. Records available: 1948-50. Apr. 6, 27. 65; Nov. 14, 28. 79.
6. Ivan Owen. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 6, 22. 42; Nov. 15, 19. 40.
7. Ivan Owen. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 6, 19. 33; Nov. 15, 14. 61.
8. Spraggins. Lat. 34°42', long. 99°36'. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 3 N., R. 23 W. Drilled well, diameter 14 inches, reported depth 125 feet. Records available: 1950.

Daily lowest water level, from recorder graph

Day	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	31.43	32.41	36.84	30.71	29.98	29.58	29.33	29.39
2	.....	31.40	32.51	37.12	30.67	29.97	29.55	29.34	29.44
3	.....	31.35	32.53	37.73	30.60	29.96	29.54	29.37	29.45
4	.....	31.34	32.53	36.99	30.54	29.97	29.50	29.37	29.43
5	.....	31.33	32.50	35.05	30.49	29.97	29.47	29.33	29.50
6	.....	31.33	32.46	34.39	30.45	29.97	29.42	29.35	29.50
7	30.99	31.32	32.42	34.21	30.40	29.96	29.42	29.35	.....
8	31.13	31.32	32.37	33.90	30.36	29.94	29.42	29.36	.....
9	31.17	31.33	32.34	33.63	30.32	29.93	29.40	.....	.....
10	31.19	31.34	32.30	33.39	30.29	29.91	29.37	.....	29.50
11	31.24	31.35	32.27	33.18	30.25	29.92	29.36	29.38	29.47
12	31.30	31.35	32.23	32.99	30.24	29.92	29.36	29.37	29.47

8--Continued.

Daily lowest water level, from recorder graph

Day	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
13	31.33	31.36	32.19	32.84	30.21	29.91	29.35	29.37	29.48
14	31.31	31.35	32.16	32.71	30.19	29.91	29.32	29.37	29.47
15	31.29	31.36	32.14	32.57	.....	29.89	29.32	29.39	29.49
16	31.26	31.36	32.11	32.45	30.31	.....	29.33	29.42	29.52
17	31.25	31.37	32.10	32.36	30.29	29.90	29.33	29.28	29.54
18	31.23	31.37	32.08	32.26	30.26	29.89	29.32	.....	29.54
19	31.24	31.35	32.14	32.15	30.22	29.89	29.32	.....	29.53
20	31.24	31.36	32.32	32.05	30.19	29.88	29.32	.....	29.55
21	31.24	31.38	32.50	31.95	30.17	29.88	29.30	.....	29.56
22	31.22	31.39	32.67	31.81	30.14	29.87	29.29	.....	29.56
23	31.20	31.41	32.71	31.65	30.12	29.85	29.30	.....	29.56
24	31.21	31.45	32.80	31.50	30.09	29.83	29.29	.....	29.56
25	31.20	31.52	32.91	31.37	30.07	29.81	29.29	.....	29.55
26	31.23	31.60	33.10	31.25	30.05	29.79	29.28	.....	29.58
27	31.26	31.67	33.65	31.14	30.04	29.77	.....	.....	29.58
28	31.34	31.72	34.13	.....	30.02	29.72	29.30	.....	29.56
29	31.43	31.87	34.83	30.92	30.01	29.68	29.31	.....	29.57
30	31.44	32.07	36.50	30.83	30.00	29.62	29.31	.....	29.69
31		32.25		30.76	29.99		29.31		29.58

9. Spraggins. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 6, 23.74; Nov. 15, 22.22.

10. Fred W. Tigert. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 6, 45.98; Nov. 14, 44.39.

11. E. F. Walker. SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32, T. 3 N., R. 23 W. Drilled irrigation well, diameter 16 inches, depth 105 feet. Nov. 15, 25.54. Records available: 1950.

12. Alvin and Herbert Robertson. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 3 N., R. 23 W. Records available: 1949-50. Apr. 6, 42.25; Nov. 14, 39.48.

14. Herbert Onan. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 2 N., R. 23 W. Drilled irrigation well, diameter 16 inches, depth 90 feet. Apr. 6, 27.60; Nov. 14, 26.50. Records available: 1950.

15. Criswell. SE. corner SW $\frac{1}{4}$ sec. 27, T. 3 N., R. 23 W. Drilled irrigation well, diameter 14 inches. Nov. 15, 19.42. Records available: 1950.

16. Marshall Carroll. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 3 N., R. 23 W. Drilled irrigation well, diameter 16 inches, depth 75 feet. June 10, 1948, 24.83; Nov. 15, 1950, 24.14. Records available: 1948, 1950.

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. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	a17.35	Apr. 6	b20.37	July 6	c22.29	Oct. 5	b12.30
12	a17.74	13	b20.55	13	c22.37	12	b12.80
19	b18.27	20	b20.71	20	b16.49	19	b13.22
26	b18.27	27	c20.87	27	b16.55	26	b13.60
Feb. 2	b18.47	May 4	c21.04	Aug. 3	a 5.51	Nov. 2	b14.04
9	b18.66	11	b21.18	10	b 8.52	9	b14.37
16	b18.87	18	c21.28	17	c 9.59	16	a14.70
23	b19.04	25	c21.42	24	b 9.80	23	a14.93
Mar. 2	c19.26	June 1	b21.47	31	a10.23	30	a15.20
9	c19.55	9	b21.67	Sept. 7	b10.65	Dec. 7	b15.62
16	c19.70	15	b21.78	14	a11.04	14	a15.94
23	c19.88	22	b22.00	21	b11.64	21	b16.20
29	a20.11	29	b22.14	28	b11.94	28	a16.38

a Two nearby municipal wells pumping.

b Three nearby municipal wells pumping.

c Four nearby municipal wells pumping.

Kingfisher County

1. R. V. Sturgeon. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, T. 19 N., R. 9 W. Drilled unused irrigation well, diameter 15 inches, depth 31 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 13	16.81	Sept. 3	15.73	Oct. 3	15.66	Nov. 29	15.50
28	16.86	20	15.59	25	15.72	Dec. 27	15.38
Aug. 4	16.38						

2. John Hladik. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 19 N., R. 8 W. Drilled unused well, diameter 5 inches, depth 48 feet. Aquifer, Hennessey formation. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 14	21.35	Aug. 4	21.00	Oct. 4	20.85	Nov. 29	20.70
21	21.34	Sept. 3	21.04	25	20.86	Dec. 27	20.62
28	21.21	20	20.74				

3. John Goetzinger. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 18 N., R. 7 W. Drilled unused well, diameter 6 inches, depth 30 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 31	21.07	Sept. 3	20.85	Oct. 5	20.98	Nov. 29	21.05
Aug. 4	20.92	20	20.97	25	21.01	Dec. 28	21.08

4. H. B. Stinson. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 18 N., R. 7 W. Drilled unused well, diameter 5 inches, depth 63 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 31	30.74	Sept. 3	30.35	Sept. 29	30.19	Nov. 29	30.09
Aug. 4	30.65	20	30.21	Oct. 25	30.16	Dec. 28	30.02

5. Walter Stribel. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 18 N., R. 7 W. Dug unused well, diameter 36 inches, depth 26 feet. Aquifer, terrace deposit. Sept. 3, 13.20; Sept. 20, 12.14; Oct. 5, 12.17; Oct. 25, 12.30; Nov. 29, 12.33; Dec. 28, 12.38. Records available: 1950.

6. Donald Perigo. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 13, T. 18 N., R. 8 W. Drilled unused well, diameter 1 $\frac{1}{4}$ inches, depth 9 feet. Aquifer, alluvium of Preacher Creek. Sept. 3, 1.23; Sept. 20, 1.26; Sept. 28, 1.47; Oct. 4, 1.40; Oct. 25, 1.49; Nov. 29, 1.21; Dec. 28, 1.24. Records available: 1950.

7. L. G. Watson. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 19 N., R. 8 W. Drilled irrigation well, diameter 16 inches, depth 67 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 14	17.54	Sept. 3	16.72	Sept. 28	16.45	Nov. 29	16.48
28	17.30	20	16.44	Oct. 25	17.06	Dec. 28	16.20
Aug. 4	17.15						

8. Darrell Goe. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 19 N., R. 7 W. Drilled irrigation well, diameter 16 inches, depth 92 feet. Aquifer, terrace deposit. Aug. 3, 42.19; Dec. 28, 41.55. Records available: 1950.

9. U. S. Geol. Survey. 23 feet east and 750 feet north of SW. corner sec. 14, T. 19 N., R. 8 W. Drilled test well, diameter 1 $\frac{1}{4}$ inches, depth 63 feet. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 14	22.26	Aug. 4	19.39	Oct. 4	19.67	Nov. 29	19.57
21	21.00	Sept. 3	19.88	25	19.62	Dec. 27	19.69
28	20.89	20	19.63				

10. U. S. Geol. Survey. SE. corner NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 19 N., R. 9 W. Drilled test well, diameter 1 $\frac{1}{4}$ inches, depth 16 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 6	10.57	Aug. 18	9.91	Sept. 20	9.73	Oct. 25	9.86
13	10.55	25	9.93	28	9.80	Nov. 29	9.82
28	10.42	Sept. 3	9.78	Oct. 4	9.82	Dec. 27	9.83
Aug. 4	9.92						

Kiowa County

1. Mrs. Homer Barton. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 2, T. 6 N., R. 18 W. Records available: 1947-49. Measurement discontinued.

2. Edith L. Wright. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13, T. 2 N., R. 17 W. Records available: 1947-50. Apr. 4, 38.13; Nov. 13, 34.90.

McClain County

3. Grace T. Olsen and others. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 20, T. 8 N., R. 4 W. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	16.06	Apr. 30	16.25	July 29	14.34	Oct. 25	14.26
Feb. 24	15.74	May 26	15.94	Aug. 25	13.96	Nov. 28	14.10
Mar. 25	15.56	June 30	15.23	Sept. 26	14.16	Dec. 28	14.64

McCurtain County

1. W. M. George. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, T. 7 S., R. 24 E. Records available: 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29	96.58	May 23	95.66	July 20	97.25	Sept. 29	95.93
Mar. 23	96.07	June 30	96.96	Aug. 29	96.55	Oct. 6	96.61
Apr. 25	96.67						

3. Dillard. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, T. 8 S., R. 25 E. Records available: 1949-50.

Jan. 29	2.25	Apr. 22	4.31	July 20	6.22	Oct. 26	5.11
Feb. 20	2.23	May 22	3.10	Aug. 29	6.40	Nov. 23	5.91
Mar. 23	3.76	June 29	5.80	Sept. 29	3.64	Dec. 19	6.97

4. Lynch. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, T. 7 S., R. 25 E. Records available: 1949-50.

Jan. 29	4.17	Apr. 22	8.34	July 20	10.53	Oct. 26	6.79
Feb. 20	3.58	May 22	5.44	Aug. 29	8.03	Nov. 23	8.72
Mar. 23	7.83	June 29	8.63	Sept. 29	5.45	Dec. 19	11.17

5. O. L. Hurn. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 8 S., R. 23 E. Records available: 1948-50.

Feb. 1	1.21	May 22	47.89	Aug. 29	61.89	Nov. 24	60.91
Mar. 23	37.17	June 29	60.95	Sept. 29	59.44	Dec. 19	60.87
Apr. 24	53.13	July 20	61.59	Oct. 26	61.28		

6. Clarence Davis. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 7 S., R. 24 E. Drilled unused well, diameter 6 inches, depth 183 feet. Records available: 1950.

Jan. 29	82.86	May 19	73.54	Aug. 29	71.64	Nov. 23	70.47
Mar. 23	72.86	June 30	73.60	Sept. 29	70.45	Dec. 19	71.00
Apr. 25	76.26	July 20	73.43	Oct. 26	70.36		

7. W. C. Westbrook. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 7 S., R. 24 E. Dug stock well, diameter 38 inches, depth 19 feet. Records available: 1950.

Jan. 28	4.18	Apr. 22	9.59	July 20	12.18	Oct. 26	6.83
Feb. 6	3.93	May 22	6.33	Aug. 29	8.87	Nov. 24	10.32
Mar. 24	7.25	June 30	10.85	Sept. 29	6.20	Dec. 19	11.35

8. Stewart. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, T. 7 S., R. 24 E. Dug unused well, rectangular 34by31 inches, depth 15 feet. Records available: 1950.

Jan. 28	2.06	Apr. 22	5.63	July 20	7.44	Oct. 26	3.33
Feb. 6	1.12	May 22	3.35	Aug. 29	4.91	Nov. 24	5.41
Mar. 24	3.68	June 30	6.34	Sept. 29	3.17	Dec. 19	5.44

9. Luiser Westly. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 6 S., R. 23 E. Dug unused well, 30 inches square, depth 25 feet. Records available: 1950.

Jan. 28	14.95	Apr. 22	16.13	July 20	17.55	Oct. 26	15.88
Feb. 6	10.67	May 22	13.61	Aug. 29	16.00	Nov. 23	17.23
Mar. 4	14.68	June 30	16.93	Sept. 29	14.44	Dec. 19	18.84

10. Murdock. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 7 S., R. 24 E. Dug unused well, 24 inches square, depth 19 feet. Records available: 1950.

Feb. 6	6.61	May 22	10.13	Aug. 29	11.93	Nov. 23	11.96
Mar. 23	10.70	June 30	12.85	Sept. 29	10.15	Dec. 19	12.51
Apr. 22	11.59	July 20	13.39	Oct. 26	10.51		

11. Brantly. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 6 S., R. 25 E. Dug stock well, 64 inches square, depth 26 feet. Records available: 1950.

Feb. 6	2.78	May 22	6.10	Aug. 29	9.92	Nov. 23	13.02
Mar. 23	10.06	June 30	13.13	Sept. 29	6.08	Dec. 19	15.98
Apr. 22	13.13	July 20	16.09	Oct. 26	6.65		

12. McCain. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 7 S., R. 23 E. Dug unused well, rectangular 56by41 inches, depth 26 feet. Records available: 1950.

Jan. 28	4.70	Apr. 22	6.10	July 20	9.00	Oct. 26	4.89
Feb. 6	3.12	May 22	4.77	Aug. 29	7.24	Nov. 24	5.99
Mar. 24	4.89	June 30	8.10	Sept. 29	4.85	Dec. 19	7.02

13. J. W. Fisher. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 7 S., R. 24 E. Dug unused well, diameter 35 inches, depth 40 feet. Records available: 1950.

13--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	24.60	Apr. 22	22.93	July 20	24.23	Oct. 26	22.26
Feb. 6	22.21	May 22	21.15	Aug. 29	23.13	Nov. 24	23.75
Mar. 24	20.85	June 30	23.25	Sept. 29	21.09	Dec. 19	24.69

14. Charley Bogart. Sec. 36, T. 7 S., R. 25 E. Dug unused well, rectangular 54 by 56 inches, depth 50 feet. Records available: 1950.

Feb. 20	3.25	May 22	3.78	Aug. 29	5.42	Nov. 23	5.12
Mar. 23	3.92	June 29	5.28	Sept. 29	3.99	Dec. 19	5.78
Apr. 22	4.51	July 20	5.97	Oct. 26	4.45		

15. H. R. Latimer. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 8 S., R. 24 E. Dug unused well, 30 inches square, depth 19 feet. Records available: 1950.

Feb. 6	1.88	Apr. 25	2.95	July 20	6.69	Oct. 26	4.14
23	2.45	May 22	2.50	Aug. 28	5.05	Nov. 23	4.80
Mar. 23	3.01	June 29	5.13	Sept. 29	2.61	Dec. 19	6.06

16. J. D. Billingsley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 8 S., R. 24 E. Dug stock well, 69 inches square, depth 35 feet. Records available: 1950.

Feb. 7	3.31	Apr. 25	7.31	July 20	9.29	Oct. 26	7.99
23	4.58	May 22	5.19	Aug. 28	8.80	Nov. 24	9.01
Mar. 23	5.24	June 29	8.08	Sept. 29	6.03	Dec. 18	9.47

17. L. H. Pollard. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 9 S., R. 25 E. Dug domestic well, diameter 21 inches, depth 38 feet. Records available: 1950.

Feb. 7	29.87	May 22	29.76	Aug. 29	29.83	Nov. 23	30.07
Mar. 23	29.87	June 29	29.88	Sept. 29	29.83	Dec. 19	30.16
Apr. 22	30.01	July 20	29.90	Oct. 26	29.81		

18. Lone Star Grocery Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 7 S., R. 23 E. Dug unused well, diameter 20 inches, depth 19 feet. Records available: 1950.

Feb. 8	0.18	May 22	0.93	Aug. 28	2.06	Nov. 24	0.94
Mar. 23	.48	June 29	2.72	Sept. 29	.55	Dec. 19	1.62
Apr. 21	.83	July 20	2.96	Oct. 26	.58		

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 well, 32 inches square, depth 19 feet. Records available: 1950.

Feb. 10	1.87	May 22	3.09	Aug. 28	5.71	Nov. 24	4.94
Mar. 23	2.91	June 29	5.17	Sept. 29	3.16	Dec. 19	5.61
Apr. 21	4.38	July 20	8.51	Oct. 26	4.60		

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 well, diameter 23 inches, depth 15 feet. Records available: 1950.

Feb. 10	1.60	May 22	2.19	Aug. 28	5.04	Nov. 24	5.80
Mar. 23	2.18	June 27	5.22	Sept. 29	2.44	Dec. 19	5.30
Apr. 21	3.89	July 20	6.25	Oct. 26	4.70		

21. John Derryberry, Jr. NE $\frac{1}{4}$ sec. 14, T. 8 S., R. 23 E. Dug unused well, diameter 30 inches, depth 41 feet. Records available: 1950.

Feb. 19	2.89	May 22	3.12	Aug. 28	5.05	Nov. 23	5.44
Mar. 23	3.06	June 29	4.45	Sept. 29	3.08	Dec. 19	5.96
Apr. 25	3.68	July 20	5.80	Oct. 26	4.65		

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 well, diameter 6 inches, depth 28 feet. Records available: 1950.

Feb. 19	0.54	May 22	1.07	Aug. 28	2.53	Nov. 24	1.77
Mar. 23	.75	June 29	2.47	Sept. 29	1.91	Dec. 19	2.63
Apr. 25	.72	July 20	3.14	Oct. 26	1.16		

23. Odel J. Parish. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 7 S., R. 22 E. Dug unused well, 21 inches square, depth 41 feet. Records available: 1950.

Feb. 25	3.50	May 22	3.64	Aug. 28	7.21	Nov. 24	7.88
Mar. 23	4.03	June 29	6.91	Sept. 29	5.79	Dec. 19	8.74
Apr. 21	6.52	July 20	8.21	Oct. 26	6.81		

24. Pat Baxter. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23 T. 8 S., R. 25 E. Drilled unused well, diameter 5 inches, depth 22 feet. Records available: 1950.

24--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 24	3.68	June 29	5.71	Sept. 29	3.85	Nov. 23	5.24
Apr. 22	3.66	July 20	6.80	Oct. 26	4.39	Dec. 19	5.95
May 22	3.43	Aug. 29	6.63				

25. H. L. Spencer. SE $\frac{1}{4}$ sec. 36, T. 8 S., R. 27 E. Dug unused well, diameter 24 inches, depth 18 feet. Records available: 1950

Mar. 24	4.30	June 29	2.82	Sept. 29	2.02	Nov. 23	3.15
Apr. 22	4.77	July 20	4.38	Oct. 26	2.97	Dec. 19	3.77
May 22	1.40	Aug. 29	3.40				

26. U. S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 9 S., R. 25 E. Drilled unused well, diameter 1 $\frac{1}{4}$ inches, depth 16 feet. Records available: 1950. Dec. 18, 8.84.

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. Drilled unused well, diameter 1 $\frac{1}{4}$ inches, depth 18 feet. Records available: 1950. Dec. 18, 10.38.

28. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 9 S., R. 25 E. Drilled unused well, diameter 1 $\frac{1}{4}$ inches, depth 21 feet. Records available: 1950. Dec. 18, 18.99.

29. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 10 S., R. 25 E. Drilled unused well, diameter 1 $\frac{1}{4}$ inches, depth 16 feet. Records available: 1950. Dec. 18, 8.44.

Major County

2. Ned Woods. SE. corner sec. 20, T. 21 N., R. 9 W. Dug test well, diameter 24 inches, depth 50 feet. Aquifer, terrace deposit. Records available: 1950.

Jan. 30	19.90	Apr. 6	20.18	June 15	20.29	Aug. 25	19.93
Feb. 1	20.00	13	20.27	23	20.23	Sept. 1	19.92
7	19.86	20	20.16	30	20.43	8	19.85
14	20.04	27	20.20	July 7	20.50	15	19.67
23	19.78	May 4	20.03	13	20.57	22	19.73
Mar. 2	20.13	11	20.32	22	20.58	29	19.67
9	20.00	18	20.09	27	20.51	Oct. 5	19.64
15	19.88	25	20.27	Aug. 4	20.24	25	19.74
23	19.97	June 1	20.23	11	20.05	Nov. 28	19.87
30	20.30	8	20.20	18	20.05	Dec. 27	19.93

3. George Suit. NE. corner sec. 4, T. 20 N., R. 9 W. Dug test well, diameter 24 inches, depth 60 feet. Aquifer, terrace deposit. Records available: 1950. Jan. 30, 24.00, tape measurement.

Daily lowest water level, from recorder graph

Day	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	a24.03	.....	.....	23.99	24.05	24.34	24.45	24.32	24.23	24.40	24.17
2	24.04	.....	23.93	24.03	24.29	24.44	24.31	24.31	24.39	24.32
3	23.93	24.08	24.34	24.41	24.33	24.31	24.44	24.32
4	23.93	24.07	24.34	24.38	24.33	24.29	24.41	24.26
5	24.03	24.01	24.35	24.39	24.35	24.20	24.30	24.38
6	a23.94	24.01	24.03	24.36	24.38	24.34	24.17	24.38	24.36
7	a23.95	.....	.....	24.03	24.03	24.35	24.39	24.30	.....	24.34	24.24
8	23.99	24.02	24.35	24.38	24.29	24.29	24.40	24.28
9	a23.94	.....	24.03	24.08	24.36	24.39	24.28	24.25	24.48	24.31
10	24.05	24.10	24.38	24.40	24.27	24.23	24.47	24.31
11	24.05	24.08	24.39	24.37	24.32	24.28	24.36	24.22
12	24.05	24.43	24.34	24.33	24.29	24.35	24.24
13	a24.00	.....	24.05	24.45	24.36	24.32	24.25	24.34	24.26
14	a24.01	.....	.....	.....	24.08	24.41	24.37	24.30	24.24	24.29	24.27
15	a23.88	.....	.....	24.09	24.39	24.37	24.25	24.26	24.40	24.34
16	23.99	24.13	24.42	24.36	24.27	24.31	24.45	24.31
17	24.02	24.11	24.50	24.38	24.30	24.31	.....	24.33
18	23.95	24.12	24.46	24.36	24.28	24.30	.....	24.33
19	24.00	24.15	24.44	24.40	24.27	24.30	.....	24.31
20	a23.96	.....	24.14	24.47	24.41	24.24	24.30	.....	24.31
21	24.04	24.14	24.47	24.33	24.28	24.26	.....	24.30
22	24.02	24.12	24.43	24.34	24.27	24.33	.....	24.28
23	a23.86	23.95	.....	23.99	24.13	24.44	24.32	24.25	24.34	.....	24.26
24	24.01	24.18	24.46	24.30	24.28	24.32	.....	24.30
25	23.94	24.09	24.23	24.45	24.31	24.26	24.32	24.32	24.22

3--Continued.

D ₂ Lowest water level, from recorder graph											
Day	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
26	23.98	24.08	24.29	24.44	24.37	24.24	24.27	24.32	24.35
27	24.02	24.05	24.27	24.42	24.35	24.22	24.30	.....	24.33
28	23.94	24.01	24.32	24.41	24.30	24.23	24.36	24.30	24.24
29			24.04	24.01	24.31	24.40	24.31	24.22	24.35	24.29	26.25
30		24.06	24.05	24.02	24.28	24.38	24.30	24.22	24.35	24.22	26.26
31			24.08		24.49	24.30		24.33		26.18

a Tape measurement.

4. Mrs. N. A. Morris. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 21°N., R. 10 W. Dug test well, diameter 24 inches, depth 40 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	21.11	Apr. 6	21.25	June 15	21.37	Sept. 1	21.29
Feb. 1	21.13	13	21.29	23	21.37	8	21.25
7	21.13	20	21.29	30	21.40	15	21.20
14	21.17	27	21.29	July 7	21.42	22	21.18
23	21.14	May 4	21.27	13	21.44	29	21.13
Mar. 2	21.21	11	21.32	22	21.46	Oct. 5	21.11
9	21.20	18	21.30	Aug. 4	21.45	26	21.02
15	21.18	25	21.34	11	21.40	Nov. 28	20.94
23	21.20	June 1	21.34	18	21.38	Dec. 27	20.94
30	21.27	8	21.34	25	21.31		

6. Victor I. Cooper. SW. corner sec. 5, T. 20 N., R. 9 W. Dug test well, diameter 24 inches, depth 53 feet. Aquifer, terrace deposit. Records available: 1950.

Nov. 17 1949	7.74	Mar. 30	8.16	June 8	7.91	Aug. 25	7.30
Jan. 30, 1950	7.99	Apr. 6	8.17	15	8.16	Sept. 1	6.02
Feb. 1	8.02	13	8.25	23	8.45	8	5.77
7	8.00	20	8.32	30	8.58	15	6.04
14	8.03	27	8.38	July 7	8.72	22	5.31
23	7.98	May 4	8.42	13	8.83	29	6.45
Mar. 2	8.06	11	7.75	22	8.71	Oct. 5	6.52
9	8.04	18	7.94	Aug. 4	6.95	25	6.68
15	8.03	25	8.08	11	7.38	Nov. 28	7.11
23	8.08	June 1	8.15	18	6.85	Dec. 27	7.31

7. Ira Fyffe. SE. corner sec. 10, T. 21 N., R. 9 W. Drilled seismograph hole, diameter 4 inches, depth 71 feet. Probable aquifer, Hennessey shale and terrace deposit. Records available: 1950.

Feb. 28	22.64	Apr. 27	23.67	June 30	24.89	Sept. 1	24.32
Mar. 2	23.00	May 4	23.43	July 7	25.02	9	23.09
6	22.10	11	24.10	13	25.20	15	22.16
9	22.69	18	24.02	22	25.25	22	21.79
15	22.37	25	24.07	28	25.16	29	21.25
23	22.62	June 1	24.24	Aug. 4	25.15	Oct. 5	20.93
30	23.47	8	24.22	11	25.01	25	20.76
Apr. 6	23.45	15	24.45	18	25.02	Nov. 28	20.44
13	23.59	23	24.38	25	24.57	Dec. 27	20.84
20	23.61						

8. C. E. Stull. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 21 N., R. 9 W. Drilled domestic well, diameter 5 $\frac{1}{2}$ inches, depth 15 feet. Aquifer, terrace deposit. Records available: 1950.

Apr. 5	11.42	June 1	10.96	July 28	12.04	Sept. 15	8.43
13	11.38	8	10.93	Aug. 4	9.59	22	8.18
20	11.36	15	11.13	11	9.52	29	8.24
27	11.39	23	11.40	18	9.61	Oct. 5	8.32
May 4	11.34	30	11.66	25	9.65	26	8.77
11	10.95	July 7	11.80	Sept. 1	9.31	Nov. 28	9.19
18	10.79	13	11.72	9	8.43	Dec. 27	9.38
25	10.90	22	11.95				

9. City of Enid. SW. corner NW $\frac{1}{4}$ sec. 22, T. 21 N., R. 9 W. Drilled test well, diameter 2 inches, depth 178 feet. Aquifer, Hennessey formation. Records available: 1950.

9--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 6	31.59	May 4	32.52	June 30	33.62	Oct. 25	35.08
13	31.99	11	32.40	July 31	34.02	Nov. 28	36.24
20	31.98	18	32.48	Sept. 2	34.22	Dec. 27	37.04
27	32.27	31	32.85	Oct. 5	34.59		

10. W. D. Fyffe. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 13, T. 21 N., R. 9 W. Drilled domestic well, diameter 2 inches, depth 51 feet. Aquifer, Hennessey formation. Records available: 1950.

Apr. 7	34.68	May 11	34.57	June 15	34.45	Sept. 3	34.26
13	34.67	18	34.49	30	34.46	Oct. 5	34.05
20	34.65	25	34.60	July 7	34.49	25	34.03
27	34.56	June 1	34.50	13	34.48	Nov. 28	33.94
May 4	34.59	8	34.45	31	34.47	Dec. 27	33.80

11. Mrs. Bessie Turner. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 21 N., R. 9 W. Drilled domestic well, diameter 3 inches, depth 24 feet. Aquifer, terrace deposit. Records available: 1950.

Apr. 10	18.85	May 18	19.24	June 30	19.33	Sept. 3	18.26
13	18.91	25	19.19	July 7	19.39	20	18.18
20	18.95	June 1	19.20	13	19.43	Oct. 5	18.19
27	18.98	8	19.12	22	19.44	25	18.25
May 4	18.99	15	19.16	28	19.35	Nov. 28	18.34
11	19.10	23	19.24	Aug. 4	18.93	Dec. 27	18.48

12. J. A. Pierce. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 21 N., R. 9 W. Drilled well, diameter 5 $\frac{1}{2}$ inches, depth 19 feet. Aquifer, terrace deposit. Records available: 1950.

Apr. 17	5.42	June 1	4.77	July 22	6.20	Sept. 15	4.32
20	5.43	8	4.54	Aug. 4	4.45	22	4.45
27	5.48	15	4.85	11	4.49	29	4.62
May 4	5.50	23	5.19	18	4.64	Oct. 5	4.73
11	4.66	30	5.50	25	4.83	25	5.04
18	4.44	July 7	5.76	Sept. 1	4.37	Nov. 28	5.22
25	4.61	13	5.96	8	4.23	Dec. 27	5.26

13. Detrick. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 21 N., R. 9 W. Drilled seismograph hole, diameter 4 inches, depth 40 feet. Aquifer, Hennessey formation. Records available: 1950.

Apr. 17	37.73	May 11	35.88	June 30	33.45	Oct. 26	33.62
20	37.85	18	35.39	July 31	33.71	Nov. 28	33.87
27	36.00	25	35.67	Sept. 2	33.17	Dec. 27	33.74
May 4	36.03	31	35.67	Oct. 5	33.53		

14. George Patten. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13, T. 20 N., R. 9 W. Drilled well, diameter 6 inches, depth 34 feet. Aquifer, Hennessey formation. Records available: 1950.

Apr. 24	22.68	June 1	23.06	July 13	23.68	Sept. 3	23.61
27	22.74	8	23.14	21	23.75	20	23.49
May 4	22.75	15	23.23	28	23.78	Oct. 4	23.56
11	22.87	23	23.36	Aug. 4	23.76	25	23.74
18	22.82	30	23.53	18	23.65	Nov. 28	23.57
25	22.97	July 6	23.60	25	23.60	Dec. 27	23.45

15. Hallie Bowles. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, T. 20 N., R. 9 W. Dug well, diameter 2.7 feet, depth 19 feet. Aquifer, terrace deposit. Records available: 1950.

Apr. 27	13.60	June 8	13.55	July 13	13.53	Sept. 20	13.36
May 4	13.61	15	13.54	22	13.46	Oct. 3	13.37
11	13.58	23	13.55	28	13.46	25	13.39
18	13.57	30	13.54	Aug. 4	13.41	Nov. 28	13.46
25	13.58	July 6	13.55	Sept. 3	13.36	Dec. 27	13.54
June 1	13.56						

16. L. M. Sturgeon. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 20 N., R. 9 W. Drilled well, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Aquifer, terrace deposit. Records available: 1950.

May 2	24.44	June 8	24.03	July 13	24.92	Sept. 20	22.37
4	24.44	15	24.27	22	11.52	Oct. 3	22.89
11	17.91	23	24.51	28	20.37	25	23.51
18	21.55	30	24.68	Aug. 4	20.73	Nov. 28	24.04
25	22.97	July 6	24.84	Sept. 3	21.16	Dec. 27	24.22
June 1	23.66						

17. George Crow. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 21 N., R. 9 W. Drilled well, diameter 4 inches, depth 103 feet. Aquifer, Hennessey formation. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 9	25.57	June 8	25.83	July 13	26.46	Sept. 20	27.07
11	25.64	15	25.93	22	26.59	Oct. 5	27.08
18	25.55	23	26.01	28	26.64	25	27.15
25	25.71	30	26.21	Aug. 4	26.73	Nov. 28	27.17
June 1	25.78	July 7	26.32	Sept. 3	27.05	Dec. 27	27.20

18. Louis Ott. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 21 N., R. 9 W. Drilled well, diameter 6 inches, depth 163 feet. Aquifer, Hennessey formation. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 8	66.94	May 31	67.10	Oct. 6	66.51	Nov. 28	66.27
11	67.11	June 30	67.23	27	66.34	Dec. 27	66.22
18	66.97	Sept. 2	66.97				

19. K. E. Fisher. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 20 N., R. 10 W. Driven well, diameter 1 $\frac{1}{4}$ inches, depth 27 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 19	18.09	June 23	18.44	July 22	18.70	Oct. 5	18.14
25	18.15	30	18.48	Aug. 4	18.69	26	18.13
June 1	18.14	July 7	18.58	Sept. 1	18.57	Nov. 29	18.03
8	18.24	13	18.65	22	18.26	Dec. 27	18.06
15	18.27						

20. City of Enid. SW. corner NW $\frac{1}{4}$ sec. 22, T. 21 N., R. 9 W. Drilled test well, diameter 2 inches, depth 31 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 25	21.90	June 30	22.22	July 28	22.40	Oct. 5	22.77
June 1	21.98	July 7	22.27	Aug. 4	22.47	25	22.79
8	22.05	13	22.27	Sept. 2	22.63	Nov. 28	22.74
15	22.10	22	22.34	20	22.72	Dec. 27	22.74
23	22.15						

21. City of Enid. SE. corner SW $\frac{1}{4}$ sec. 24, T. 21 N., R. 9 W. Drilled test well, diameter 2 inches, depth 20 feet. Aquifer, terrace deposit. Records available: 1950. Apr. 7, 15.54; May 25, 14.53; June 1, 14.60; Aug. 4, 15.18; Oct. 25, 15.38; Nov. 28, 15.10; Dec. 27, 14.02.

22. City of Enid. SE. corner SW $\frac{1}{4}$ sec. 24, T. 21 N., R. 9 W. Drilled test well, diameter 2 inches, depth 192 feet. Aquifer, Hennessey formation. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 7	14.85	June 23	a40.39	July 22	17.12	Oct. 5	15.20
May 25	15.37	30	a32.76	28	16.85	25	15.29
June 1	15.53	July 7	20.98	Aug. 4	15.72	Nov. 28	15.02
8	a40.24	13	17.77	Sept. 3	15.86	Dec. 27	14.05
15	20.25						

a Nearby well being pumped.

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 well, diameter 12 inches, depth 36 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8	21.70	June 23	21.16	July 22	21.72	Oct. 6	21.69
June 5	21.34	30	21.43	27	21.65	26	21.56
12	21.20	July 6	21.57	Aug. 4	21.45	Nov. 28	21.04
19	21.10	13	21.69	Sept. 2	21.47	Dec. 27	20.76

24. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 30, T. 21 N., R. 9 W. Drilled test well, diameter 1 $\frac{1}{4}$ inches, depth 20 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 6	13.35	Aug. 4	9.15	Oct. 5	11.04	Nov. 29	12.76
13	13.10	Sept. 1	10.59	26	11.96	Dec. 27	13.11
22	13.08	20	10.57				

25. Carl A. Dittich. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 22 N., R. 10 W. Dug well, diameter 6 inches, depth 38 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 13	31.83	Aug. 4	31.56	Oct. 5	29.96	Nov. 28	29.85
22	31.78	Sept. 2	30.91	26	29.81	Dec. 27	29.94
27	31.73	20	30.33				

26. City of Enid. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 21 N., R. 9 W. Drilled test well, diameter 6 inches, depth 60 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 14	30.65	Aug. 4	30.71	Oct. 5	31.56	Dec. 15	31.63
22	30.72	Sept. 2	31.08	26	31.35	28	31.61
28	30.76	20	31.40	Nov. 27	31.29		

27. City of Enid. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 21 N., R. 9 W. Drilled test well, diameter 6 inches, depth 62 feet. Aquifer, terrace deposit. Records available: 1950.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 14	25.24	Aug. 4	25.26	Oct. 5	26.67	Dec. 15	28.78
22	25.29	Sept. 2	30.67	26	26.01	28	28.77
28	25.31	20	31.09	Nov. 27	27.38		

28. Victor Laubhan. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 20 N., R. 9 W. Drilled irrigation well, diameter 10 inches, depth 67 feet. Aquifer, terrace deposit. Records available: 1950.

June 15	a7.90	July 7	a9.22	Aug. 4	6.99	Oct. 26	a7.22
23	7.88	13	8.32	Sept. 1	6.42	Nov. 28	7.22
30	8.06	22	8.37	Oct. 5	6.64	Dec. 27	7.37

a Pumped recently.

29. U. S. Geol. Survey. NW corner sec. 24, T. 21 N., R. 10 W. Drilled test well, diameter 1 $\frac{1}{2}$ inches, depth 53 feet. Aquifer, terrace deposit. Records available: 1950.

July 6	34.71	Aug. 4	34.68	Sept. 20	34.47	Oct. 26	34.38
13	34.72	Sept. 2	34.58	Oct. 5	34.41	Dec. 27	34.39
22	34.74						

30. U. S. Geol. Survey. NE corner sec. 29, T. 22 N., R. 10 W. Drilled test well, diameter 1 $\frac{1}{2}$ inches, depth 69 feet. Aquifer, terrace deposit. Records available: 1950.

July 6	35.92	July 27	32.26	Sept. 20	31.69	Nov. 28	31.42
13	33.33	Aug. 4	32.13	Oct. 5	31.55	Dec. 27	31.44
22	32.26	Sept. 2	31.88	26			

31. U. S. Geol. Survey. NE corner sec. 19, T. 22 N., R. 10 W. Drilled test well, diameter 1 $\frac{1}{2}$ inches, depth 80 feet. Aquifer, terrace deposit. Records available: 1950.

July 6	38.87	July 27	37.83	Sept. 20	37.38	Nov. 28	36.90
13	38.03	Aug. 4	37.74	Oct. 5	37.22	Dec. 27	36.82
22	37.86	Sept. 2	37.55	26	37.05		

Oklahoma County

1. Joslyn Production Co. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 13 N., R. 3 W. Records available: 1943-50.

Jan. 31	172.30	Apr. 28	176.02	July 25	180.86	Oct. 31	180.07
Feb. 28	173.75	May 26	177.56	Aug. 24	179.49	Nov. 28	180.75
Mar. 31	173.10	June 29	180.00	Sept. 27	179.65	Dec. 27	180.52

2. Sunray Oil Co. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 12 N., R. 3 W. Avey lease, 28th and Lindsay Ave., Oklahoma City. Records available: 1943-50.

Jan. 31	181.40	May 1	181.00	July 25	185.65	Nov. 28	178.90
Feb. 28	179.27	29	179.95	Aug. 24	189.60	Dec. 27	178.60
Mar. 31	178.90	July 3	184.95				

3. Skelly Oil Co. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 12 N., R. 3 W. Gast Heights lease, 18th St. and North Lottie Ave., Oklahoma City. Records available: 1943-50.

Jan. 31	202.34	Apr. 28	202.34	July 25	204.16	Oct. 31	201.10
Feb. 28	199.93	May 26	200.62	Aug. 24	204.19	Nov. 28	200.34
Mar. 31	198.65	June 29	202.62	Sept. 27	204.23	Dec. 27	200.75

4. U. S. Air Force. Oklahoma City Air Depot. NW $\frac{1}{2}$ SW $\frac{1}{2}$ NW $\frac{1}{2}$ sec. 11, T. 11 N., R 2 W. Records available: 1944-50.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	172.05	168.84	168.49	171.80	174.52	179.09	182.00	179.49	184.51	187.90	181.01	181.51
2	168.47	168.87	168.73	170.40	174.62	178.40	181.90	180.48	184.75	188.01	180.30	181.71
3	170.27	169.01	168.44	171.13	174.51	176.76	181.20	181.01	184.82	187.60	179.75	181.80
4	170.43	169.05	168.65	171.71	174.76	176.22	181.77	181.41	184.55	185.01	181.02	181.90
5	169.10	168.27	168.12	170.40	175.90	177.52	182.88	181.82	182.81	183.42	183.14	182.39
6	169.72	168.55	168.03	171.85	176.50	178.13	183.30	181.95	181.82	182.10	184.27	182.40
7	169.93	168.52	168.51	172.20	176.17	178.72	183.50	180.60	180.71	184.93	184.78	182.20
8	168.74	168.60	167.10	172.51	176.48	179.13	181.76	180.55	180.13	185.75	185.15	184.10
9	169.35	168.70	168.65	171.73	176.82	180.27	180.18	180.33	180.19	185.97	185.68	182.45
10	169.59	168.92	167.26	172.37	177.40	180.48	180.40	181.00	181.45	186.40	185.79	182.08
11	169.68	169.01	167.93	172.55	178.19	178.53	180.19	181.38	182.30	186.60	185.95	181.40
12	169.55	168.70	168.20	173.40	179.31	178.28	178.90	180.71	182.38	186.67	186.00	182.68

4--Continued.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
13	170.03	168.88	167.92	173.50	179.50	178.65	178.13	180.08	184.22	186.69	184.90	183.18
14	170.12	168.99	168.12	173.17	178.23	179.10	179.83	179.72	182.60	186.89	185.00	183.53
15	170.13	169.12	167.82	173.15	178.69	180.22	181.60	180.59	181.33	186.91	184.48	183.91
16	167.93	169.02	167.82	172.02	178.83	180.51	182.46	181.71	183.50	185.92	185.49	184.30
17	.....	169.16	168.50	172.24	179.19	180.12	182.90	184.50	185.02	185.57	185.81	184.60
18	.....	169.44	168.56	172.98	179.65	180.00	183.12	184.90	185.53	185.89	185.96	184.60
19	.....	168.93	168.69	173.94	179.67	179.05	183.51	184.35	185.98	186.18	186.03	183.00
20	.....	168.80	168.56	174.13	179.56	180.00	183.90	183.84	186.31	186.46	185.20	182.22
21	.....	168.90	168.40	174.56	178.85	180.77	184.00	183.55	186.70	186.56	185.22	181.68
22	166.60	168.10	168.05	173.27	178.89	180.93	183.54	184.60	187.03	186.24	184.80	181.30
23	168.98	168.47	170.80	173.22	179.03	182.00	181.70	185.19	187.13	185.76	184.85	180.89
24	169.02	168.60	172.20	173.67	179.37	181.61	181.92	185.60	186.38	186.40	183.95	180.59
25	169.10	168.72	170.20	173.88	180.29	180.02	183.05	185.80	185.40	186.40	.....	180.23
26	169.42	168.87	171.70	174.40	181.09	180.10	183.71	186.39	184.69	185.50	181.22	179.62
27	169.50	168.34	171.90	175.01	.....	181.00	183.88	186.59	185.78	185.28	181.56	179.30
28	169.13	168.52	172.31	174.96	.....	182.00	182.02	186.62	186.61	185.80	181.56	178.84
29	168.84	.....	172.15	175.46	.....	182.43	180.50	186.50	187.18	185.40	181.40	178.44
30	168.98	.....	172.49	174.35	180.01	182.30	179.52	186.54	187.61	183.30	181.00	177.70
31	168.75	.....	171.10	.....	179.27	.....	179.10	185.42	.....	182.69	.....	176.44

6. Oklahoma City Water Department. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 12 N., R. 3 W. North of Reno St. and 145 feet east of Pennsylvania Ave., Oklahoma City. Records available: 1942-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	6.97	Apr. 28	6.79	July 25	4.47	Oct. 31	5.36
Feb. 28	6.71	May 26	5.00	Aug. 24	4.56	Nov. 28	5.70
Mar. 31	6.67	June 29	5.56	Sept. 27	5.24	Dec. 27	5.95

7. Oklahoma City Water Department. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 12 N., R. 3 W. North of Reno St. and 195 feet east of Pennsylvania Ave., Oklahoma City. Records available: 1942-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	7.00	Apr. 28	6.93	July 25	4.69	Oct. 31	5.43
Feb. 28	6.79	May 26	5.05	Aug. 24	4.78	Nov. 28	5.80
Mar. 31	6.87	June 29	5.63	Sept. 27	5.30	Dec. 27	6.05

8. Oklahoma City Water Department. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 12 N., R. 3 W. North of Reno St. and 55 feet east of Pennsylvania Ave., Oklahoma City. Records available: 1942-49. Measurement discontinued.

9. Oklahoma City Water Department. SE. corner sec. 36, T. 12 N., R. 4 W. NW. corner of intersection Reno St. and May Ave., Oklahoma City. Records available: 1944-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	3.00	Apr. 28	3.22	July 25	0.14	Oct. 31	1.94
Feb. 28	2.63	May 26	1.23	Aug. 24	.55	Nov. 28	1.98
Mar. 31	2.77	June 29	1.88	Sept. 27	1.75	Dec. 27	2.00

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. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	37.02	Apr. 28	37.16	July 25	37.51	Oct. 31	37.57
Feb. 28	37.05	May 25	37.42	Aug. 24	37.53	Nov. 28	37.62
Mar. 31	37.05	June 29	37.48	Sept. 27	37.67	Dec. 27	37.65

11. Oklahoma City Water Department well 27. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 12 N., R. 4 W. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	12.57	Apr. 28	12.85	July 25	10.88	Oct. 31	12.73
Feb. 28	12.49	May 25	12.02	Aug. 24	11.09	Nov. 28	12.82
Mar. 31	12.55	June 29	12.37	Sept. 27	12.20	Dec. 27	12.76

12. Oklahoma City Water Department well 28. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 12 N., R. 4 W. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	16.64	Apr. 28	16.67	July 25	16.15	Oct. 31	16.32
Feb. 28	16.60	May 25	16.62	Aug. 24	15.72	Nov. 28	16.43
Mar. 31	16.62	June 29	16.46	Sept. 27	15.94	Dec. 27	16.47

Payne County

1. Mrs. Vern G. Phelps. SW $\frac{1}{4}$ sec. 15, T. 19 N., R. 4 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	5.36	Apr. 25	4.41	Aug. 28	5.24	Nov. 28	4.69
Feb. 24	4.99	June 29	4.85	Sept. 25	4.55	Dec. 27	4.76
Mar. 24	5.27	July 27	2.95	Oct. 26	4.61		

2. J. F. Gilchrist. NW $\frac{1}{4}$ sec. 36, T. 20 N., R. 3 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	7.52	Apr. 25	6.91	Aug. 28	7.45	Nov. 28	7.48
Feb. 24	7.37	June 29	7.75	Sept. 25	7.43	Dec. 27	7.45
Mar. 24	7.15	July 27	5.57	Oct. 26	7.30		

3. V. D. Hesser. NW $\frac{1}{4}$ sec. 23, T. 20 N., R. 3 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	8.72	Apr. 25	8.70	Aug. 28	6.38	Nov. 28	8.23
Feb. 24	9.05	June 29	9.46	Sept. 25	7.09	Dec. 27	8.03
Mar. 24	9.05	July 27	5.68	Oct. 26	7.84		

4. W. O. Snyder. NW $\frac{1}{4}$ sec. 2, T. 19 N., R. 3 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	20.34	Apr. 25	20.03	Aug. 28	18.71	Nov. 28	19.60
Feb. 24	20.29	June 29	20.43	Sept. 25	19.04	Dec. 27	19.69
Mar. 24	20.13	July 27	19.98	Oct. 26	19.52		

7. Charles Focht. NW $\frac{1}{4}$ sec. 20, T. 19 N., R. 3 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	22.62	Apr. 25	23.07	July 27	18.61	Oct. 26	23.94
Feb. 24	22.95	May 29	22.94	Aug. 28	22.21	Nov. 28	24.20
Mar. 24	23.25	June 29	23.08	Sept. 25	23.33	Dec. 27	24.40

9. Simon A. Laughlin. SW $\frac{1}{4}$ sec. 21, T. 20 N., R. 2 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	20.29	Apr. 25	21.25	Aug. 28	17.09	Nov. 28	19.33
Feb. 24	20.88	June 29	19.53	Sept. 25	18.19	Dec. 27	18.94
Mar. 24	21.18	July 27	18.64	Oct. 26	18.82		

13. Erma T. Pool. SW $\frac{1}{4}$ sec. 23, T. 19 N., R. 1 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	23.73	Apr. 25	23.44	Aug. 28	23.71	Nov. 28	23.40
Feb. 24	23.47	June 29	24.14	Sept. 25	23.68	Dec. 27	23.43
Mar. 24	23.33	July 27	24.05	Oct. 26	23.39		

15. Lovell Bros. NE $\frac{1}{4}$ sec. 35, T. 19 N., R. 3 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	35.15	Apr. 25	34.92	Aug. 28	34.74	Nov. 28	35.02
Feb. 24	35.47	June 29	35.40	Sept. 25	34.96	Dec. 27	35.15
Mar. 24	35.71	July 27	34.85	Oct. 26	30.04		

16. W. K. Hartman. SW $\frac{1}{4}$ sec. 12, T. 18 N., R. 3 E. Records available: 1934-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 24	21.20	June 29	21.23	Sept. 25	19.68	Nov. 28	21.20
Mar. 24	21.31	July 27	18.79	Oct. 26	20.34	Dec. 27	21.39
Apr. 25	21.34	Aug. 28	18.32				

Roger Mills County

1. U. S. Geol. Survey. NW $\frac{1}{2}$ NW $\frac{1}{2}$ NE $\frac{1}{4}$ sec. 8, T. 13 N., R. 23 W. Records available: 1947-50. May 28, 4.81.

Seminole County

1. Skelly Gas Corp. Lat. 35°15', long. 96°42'. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 9 N., R. 6 E. Records available: 1948-50.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	105.83	105.24	104.55	104.64	102.98	102.97	102.98	101.56	103.07	103.15	103.03	.....
2	106.00	104.74	104.89	104.87	102.79	103.35	102.60	102.73	103.11	103.19	103.03	.....
3	105.01	105.15	105.01	103.81	103.59	102.39	103.55	103.19	102.27	103.22	103.07	.....
4	104.80	105.71	105.10	103.62	104.04	102.13	104.16	103.23	101.80	103.14	103.08	.....
5	104.80	105.76	104.54	103.63	102.99	101.94	104.20	102.16	101.70	103.04	103.06	.....
6	104.85	105.72	104.02	103.56	102.93	101.79	103.17	102.30	101.65	103.05	103.14	.....
7	105.87	105.63	104.56	104.46	.....	101.69	103.70	102.70	101.58	103.24	103.14	.....
8	106.19	104.90	104.21	104.81	103.85	102.84	104.03	102.17	102.31	103.27	103.04	.....

1--Continued.

Daily lowest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
9	106.24	104.56	103.84	103.82	103.42	103.32	103.11	101.67	102.83	103.23	102.80	103.63
10	105.13	104.33	104.15	104.53	102.76	102.64	102.65	102.55	103.11	103.14	103.03	103.63
11	104.80	104.39	104.65	105.00	103.32	102.13	102.37	103.09	103.40	103.25	103.03	103.40
12	104.43	104.51	104.66	104.06	103.58	101.89	103.19	103.19	103.52	103.26	102.93	103.23
13	105.20	105.12	103.94	103.62	102.60	101.72	103.59	102.85	103.68	.....	102.91	103.24
14	105.50	105.13	103.69	103.44	102.25	101.69	103.54	103.38	103.69	.....	102.91	103.19
15	105.56	104.39	103.77	104.44	102.07	102.44	103.88	103.41	102.79	.....	102.89	103.14
16	105.10	104.15	104.40	104.78	101.97	102.66	103.20	102.38	101.92	103.26	102.96	103.13
17	104.70	104.77	104.63	103.82	102.87	103.28	102.54	101.89	101.73	103.32	102.93	103.09
18	105.16	105.43	104.64	104.23	103.39	102.57	102.24	102.60	102.30	103.30	102.73	103.13
19	106.01	105.43	103.91	104.00	103.64	103.05	103.13	103.18	102.83	103.20	102.44	103.42
20	106.07	104.86	104.15	103.62	102.67	103.74	103.31	103.31	102.90	103.16	102.88	103.67
21	105.29	105.09	104.52	103.16	102.17	103.92	102.60	102.61	102.06	106.10	102.88	103.74
22	104.67	105.14	104.53	102.87	102.06	104.06	101.83	102.82	103.09	103.17	102.52	103.78
23	105.18	104.72	104.10	102.74	101.97	103.65	101.54	102.97	103.17	103.18	102.60	103.81
24	105.41	105.01	104.28	104.04	102.79	103.90	102.57	102.18	103.16	103.17	102.59	103.81
25	104.96	104.26	104.15	104.41	103.75	102.96	103.07	.....	103.19	102.82	102.88	103.81
26	104.74	103.96	104.08	103.38	104.00	103.54	103.03	.....	103.20	102.94	102.99	104.04
27	104.74	103.86	.....	102.96	102.96	103.84	102.06	.....	103.20	102.95	.....	104.08
28	105.13	103.67	.....	102.33	103.26	102.62	103.17	103.18	102.96	.....	103.95	.....
29	105.85	.....	105.02	.....	103.13	103.70	103.71	102.19	103.20	103.01	.....	103.86
30	105.98	.....	105.42	.....	103.41	103.92	101.75	102.14	103.21	103.03	.....	.....
31	106.02	.....	104.52	.....	102.45	.....	101.55	102.77	.....	103.00	.....	.....

a Tape measurement.

Texas County

40. August Lorenz. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 3 N., R. 17 E. Records available: 1937-50. May 20, 88.33.

125. J. Donald Hughes. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 1 N., R. 18 E. Records available: 1939-50. May 6, 9.32.

130. Robert Johnson. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 1 N., R. 19 E. Records available: 1939-50. May 26, 9.24.

138. Joe Sutton. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 1 N., R. 19 E. Records available: 1939-50. May 26, 9.82.

176. W. N. Ballinger. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 18, T. 3 N., R. 15 E. Records available: 1937-50. May 22, 6.90.

188. Kuhn Bros. NW $\frac{1}{4}$ sec. 1, T. 2 N., R. 14 E. Records available: 1938-50. Jan. 2, 121.52; Jan. 9, 121.55; Jan. 16, 121.57; Jan. 23, 121.55; May 21, 122.14.

228. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 2 N., R. 17 E. Records available: 1946-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	5.30	Apr. 4	5.36	June 15	5.76	Sept. 29	4.71
19	5.31	18	5.29	28	6.06	Oct. 9	4.84
Feb. 1	5.31	25	5.40	July 8	5.30	18	5.04
7	5.31	May 9	5.52	20	2.83	Nov. 1	5.17
16	5.32	17	5.54	Aug. 7	4.36	21	5.07
23	5.34	25	5.53	19	4.89	Dec. 1	5.02
Mar. 2	5.35	26	5.57	Sept. 6	4.18	11	4.92
15	5.35	June 6	5.61	15	4.11	29	4.95
23	5.38						

281. C. F. Webb. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 3 N., R. 11 E. Records available: 1938, 1942-50. May 23, 87.68.

284. Paul Spradlin. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 3 N., R. 12 E. Records available: 1939-50. May 23, 99.54.

294. Stonebraker-Zea Ranch. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, T. 3 N., R. 13 E. Records available: 1937-50. May 21, 41.89.

309. U. S. Geol. Survey. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 1, T. 3 N., R. 14 E. Records available: 1946-50. May 23, 11.03.

332. John A. Wright Estate. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 17, T. 3 N., R. 15 E. Records available: 1937-46, 1949-50. May 21, 64.66.

354. A. M. Fankhauser. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 27, T. 6 N., R. 15 E. Records available: 1937-42, 1946-50. May 20, 145.79.

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. Records available: 1946-50. May 23, 78.09.

436. Leo Holtgraver. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 24, T. 4 N., R. 14 E. Records available: 1938-42. 1944-49. No measurement made in 1950.

462. U. S. Geol. Survey. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 36, T. 4 N., R. 16 E. Records available: 1946-47, 1949. No measurement made in 1950.

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. Records available: 1937-50. May 20, 99.23.

551. O. C. Glatthaar. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 19, T. 4 N., R. 13 E. Records available: 1937-50. May 23, 142.82.

589. George Hoferber. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 34, T. 4 N., R. 17 E. Records available: 1937-50. May 20, 114.53.

725. U. S. Geol. Survey. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 12, T. 3 N., R. 15 E. Records available: 1946-50. May 21, 8.50.

761. Federal Life Insurance Co. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 7, T. 3 N., R. 19 E. Records available: 1937-50. May 20, 94.55.

765. O. Jolliff. $SW\frac{1}{4}$ sec. 26, T. 3 N., R. 19 E. Records available: 1937-50. May 20, 104.15.

842. O. A. Rahm. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 22, T. 6 N., R. 16 E. Records available: 1937-49. No measurement made in 1950.

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. Records available: 1944-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2	23.83	Apr. 10	23.93	July 3	24.36	Oct. 9	23.67
9	23.62	17	23.98	10	24.43	16	23.68
16	23.38	24	24.06	17	24.50	23	23.71
23	23.63	28	24.06	24	23.34	30	23.74
30	23.60	May 1	24.22	31	23.33	Nov. 6	23.77
Feb. 6	23.55	8	24.31	Aug. 7	24.32	13	23.71
13	23.49	15	24.32	14	24.35	20	23.87
20	23.23	22	24.35	21	24.21	27	23.70
25	23.39	29	24.35	28	24.00	Dec. 4	23.57
Mar. 6	23.37	June 5	24.33	Sept. 4	24.01	11	23.56
13	23.33	12	24.03	11	23.82	18	23.67
20	23.33	19	24.15	18	23.67	25	23.63
27	23.53	26	24.29	25	23.67	30	23.62
Apr. 3	23.54	30	24.29	Oct. 2	23.68		

11. A. L. Boyd. $NE\frac{1}{4}NW\frac{1}{4}NW\frac{1}{4}$ sec. 21, T. 1 S., R. 19 W. Records available: 1949. Measurement discontinued.

12. J. W. Boyd. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 22, T. 1 S., R. 19 W. Records available: 1949-50. Apr. 5, 19.24; Nov. 13, 18.40.

13. Oran Roberts. $SE\frac{1}{4}NW\frac{1}{4}SW\frac{1}{4}$ sec. 21, T. 1 S., R. 19 W. Records available: 1949-50. Apr. 5, 7.84; Nov. 13, 7.60.

14. R. H. Dunlap. $NE\frac{1}{4}NW\frac{1}{4}SE\frac{1}{4}$ sec. 21, T. 1 S., R. 19 W. Records available: 1949-50. Apr. 5, 6.38.

15. I. W. Kinney. $NE\frac{1}{4}NE\frac{1}{4}NW\frac{1}{4}$ sec. 10, T. 1 S., R. 19 W. Records available: 1949-50. Apr. 5, 21.39.

16. F. L. Wagnin. SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 1 S., R. 19 W. Records available: 1949-50. Apr. 5, 22.07; Nov. 13, 22.07.

18. Virgil Hale. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 1 S., R. 18 W. Records available: 1949-50. Apr. 5, 24.76; Nov. 13, 24.85.

19. Clark. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 1 S., R. 18 W. Records available: 1949-50. Apr. 5, 23.69; Nov. 13, 24.09.

20. Clarence DeYong. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 2 S., R. 18 W. Records available: 1949. Measurement discontinued.

Washita County

1. S. A. LeMasters. NE. corner sec. 6, T. 9 N., R. 19 W. Records available: 1947-48. Measurement discontinued.

5. Robinson. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 9 N., R. 14 W. Records available: 1949-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 26	106.02	July 8	107.03	Sept. 9	106.80	Nov. 12	106.99
Apr. 29	106.73	15	107.05	16	106.75	19	106.13
May 20	103.92	22	107.06	24	106.99	26	107.00
27	106.96	29	106.67	Oct. 1	106.79	Dec. 3	106.77
June 3	107.24	Aug. 5	106.54	9	106.99	10	107.07
10	107.14	12	106.77	15	106.88	17	107.10
17	106.70	19	106.86	22	106.80	23	106.89
24	106.84	26	106.69	29	106.89	30	106.81
July 1	106.78	Sept. 2	106.71	Nov. 5	106.82		

6. D. M. Holland. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 9 N., R. 14 W. Records available: 1949-50.

Mar. 26	123.49	July 8	124.12	Sept. 9	124.09	Nov. 12	124.25
Apr. 29	124.05	15	124.13	16	124.02	19	123.56
May 20	123.08	22	124.24	24	124.20	26	124.26
27	125.16	29	124.09	Oct. 1	124.02	Dec. 3	124.10
June 3	124.33	Aug. 5	124.09	9	124.20	*10	124.40
10	124.22	12	124.39	15	124.10	17	124.40
17	124.04	19	124.24	22	124.08	23	124.26
24	123.96	26	124.03	29	124.14	30	124.21
July 1	123.94	Sept. 2	124.03	Nov. 5	124.09		

Woodward County

1. Oklahoma City Water Department. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 20 N., R. 17 W. Records available: 1939-49. Measurement discontinued.

4. William and Grace Erts. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 23 N., R. 20 W. Records available: 1945-50. May 18, 2.43; Oct. 28, 2.59.

5. U. S. Geol. Survey. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 24 N., R. 22 W. Records available: 1947-50. May 18, 4.66. Measurement discontinued.

TEXAS

By C. R. Follett

Scope of Water-Level Program

The observation-well program in Texas has been in progress since 1929 in cooperation with the State Board of Water Engineers. In 1950 measurements were made in 1,316 wells, 25 of which were equipped with recording gages.

Precipitation

The average yearly precipitation decreases from east to west; most of the area east of the 97th meridian is humid or semihumid, the middle section semihumid to semiarid, and the area west of the 101st meridian is semiarid to arid. The average yearly precipitation ranges from 55.95 inches at Bon Wier, in Newton County in the eastern part to 9.16 inches at El Paso in the extreme western part of the State; the yearly rainfall at these stations ranges from 38.21 to 81.92 inches at Bon Wier and 2.22 to 21.81 inches at El Paso.

Fluctuations of Water Levels

In the southern High Plains of Texas, most of the wells pumped heavily for irrigation are in the following 19 counties: Armstrong, Bailey, Briscoe, Castro, Cochran, Crosby, Deaf Smith, Floyd, Gaines, Hale, Hockley, Lamb, Lubbock, Lynn, Martin, Parmer, Randall, Swisher, and Terry Counties.

Irrigation from wells in this region was started near Plainview, Hale County, in 1911. By 1914 about 140 wells had been drilled in three principal districts - Plainview, Hereford, and Muleshoe. In the seven years from 1919 to 1926, the rainfall in most of the region was above the average and comparatively little irrigation was practiced. Interest in irrigation was revived during a period of several years of low rainfall that began in 1927, and, according to the available records 296 wells were pumped to irrigate about 35,000 acres in 1934. Since that time, the development has grown rapidly. In 1948 about 1,250,000 acres was irrigated from about 10,500 wells, and in 1949 about 1,500,000 acres was irrigated from 12,250 wells. The yields of the wells range from 300 to 2,000 gallons a minute and average about 750 to 800 gallons a minute.

In 1949 there was above-normal rainfall throughout most of the irrigated area of the High Plains; most of this rain fell during the summer. There was very little rainfall after September which resulted in considerable pumping during the winter. Many of the water-level measurements which were made in February 1950 were affected by nearby pumping or the observation well itself had been pumped recently. Therefore many of the water levels obtained were useless for comparing the annual net decline or rise.

Summary of average fluctuation of water levels, in feet, south High Plains.

County	1914-38		1943-50		1948-49		1949-50	
	Number of wells	Decline or rise (+)	Number of wells	Decline or rise (+)	Number of wells	Decline or rise (+)	Number of wells	Decline or rise (+)
Bailey	4	1.7	25	13.0	27	4.1	37	1.1
Briscoe	..	...	..	....	12	1.4	10	.8
Castro	..	...	17	6.8	21	1.5	23	.9
Cochran	..	...	..	....	6	.7	3	1.4
Crosby	..	...	3	6.6	13	2.9	14	1.7
Deaf Smith	..	...	32	7.8	47	1.7	43	.5
Floyd	15	7.9	27	22.7	68	5.0	51	2.8
Hale	19	1.4	48	12.9	105	3.1	83	1.8
Hockley	..	...	3	5.7	27	2.1	28	.9
Lamb	2	4.9	12	6.2	27	2.7	30	1.4
Lubbock	..	...	33	9.4	96	2.4	121	.8
Parmer	..	...	2	.6	9	1.3	9	.5
Randall	..	...	3	.3	5	+1.7	6	.9
Swisher	1	5.5	28	6.5	67	1.7	61	1.0

July-September water level measurements in Winter Garden district in Dimmit, Zavala, and eastern Maverick Counties
 [Where more than one measurement was made, the highest was used. Water level in feet below land-surface datum.]

	Well	1930	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Decline 1930-50
Carrizo Springs, outcrop area La Pryor	S1-18	101.6	104.2	103.1	104.5	104.7	104.9	105.3	105.8	107.4	108.2	109.5	109.9	111.7	113.9	113.8	115.2	-13.6
	H7-20	73.3	73.8	73.4	72.6	73.2	76.2	76.6	77.4	78.2	78.2	79.9	75.4	75.7	76.1	76.0	75.1	-1.8
	N1-24	116.0	122.4	122.7	121.3	125.3	123.0	123.8	123.4	133.4	130.9	133.6	141.2	159.7	168.7	168.8	194.2	-78.2
	N1-40	108.7	105.4	105.4	101.4	113.0	103.6	104.1	107.9	115.6	114.1	114.1	123.8	146.7	166.5	162.8	183.3	-74.6
	N1-39	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	79.8	82.0	83.3	101.9	-26.9
West of La Pryor Cometa	N1-32	73.8	73.8	73.4	72.6	73.2	73.2	73.4	76.2	79.6	79.4	79.4	83.8	83.1	95.1	91.3	100.5	.....
	M6-10	70.9	41.1	39.7	40.7	42.0	42.7	.....	47.1	46.4	47.1	46.8	47.4	49.4	49.6	51.7	52.3	-29.5
	M6-16a	.....	.....	.....	.....	.....	.....	.....	47.1	46.4	47.1	46.8	47.4	49.4	49.6	51.7	52.3	-29.5
	M6-18	36.8	39.3	39.2	37.3	41.4	38.2	38.1	41.5	45.6	44.8	44.7	51.7	56.4	66.9	64.0	68.8	-32.0
	M6-19	49.6	57.2	55.4	56.0	55.2	56.0	56.3	59.6	61.7	61.6	62.4	65.0	67.0	69.0	70.1	80.4	-30.8
Crystal City	M9-1	53.8	63.7	60.1	66.8	70.6	62.8	64.4	71.6	72.1	68.4	75.5	83.0	79.5	87.0	86.3	96.3	-42.5
	N5-40	57.7	58.3	54.9	50.0	55.9	39.7	38.8	57.9	69.7	65.4	75.1	85.8	102.5	144.1	127.4	160.7	-103.0
	N5-60	63.0	61.5	54.3	51.1	58.3	49.7	41.4	.....	.....	66.7	90.3	.....	116.2	148.5	131.8	183.1	-120.1
	N7-34	45.2	46.8	44.5	40.7	44.8	34.1	34.7	47.2	60.5	55.7	62.8	64.5	55.9	58.2	62.6	65.2	-20.0
	N8-26	59.9	51.6	47.5	47.1	53.5	36.0	39.4	.....	73.5	66.8	65.8	74.1	.....	130.2	107.8	139.9	-80.0
Carrizo Springs	N8-28	59.8	50.1	45.6	45.8	52.4	36.7	37.8	56.6	73.2	66.0	64.3	72.7	88.4	126.1	106.6	138.4	-78.6
	S2-24	105.2	.....	91.4	104.8	96.1	95.6	90.3	102.8	140.3	.....	.....	120.0	125.2	146.4	133.5	152.7	-47.5
	S2-27	65.2	56.7	47.4	52.1	56.5	.....	50.4	52.4	60.4	65.5	64.4	68.7	68.1	74.2	75.6	82.4	-17.2
	S2-78	172.9	159.6	151.5	157.2	156.7	145.2	143.2	159.8	184.1	176.1	182.5	176.5	178.2	202.3	185.2	205.8	-32.9
	S2-102	119.6	114.3	110.1	.....	110.1	103.8	100.8	105.1	113.5	113.1	112.6	112.5	110.9	113.9	114.6	115.4	+4.2
Catarina	S5-3	117.8	.....	97.2	100.2	102.9	96.6	94.2	104.6	116.2	119.4	137.5	149.6	138.0	144.7	141.9	148.6	30.8
	S5-5	71.8	68.3	62.7	63.7	66.3	66.1	64.6	68.2	75.2	77.2	76.0	80.1	77.1	80.9	82.2	85.7	-13.9
	S5-10	94.1	75.1	75.9	79.5	81.9	.....	.....	.....	.....	96.6	95.3	97.3	96.1	104.4	102.4	109.9	-15.8
	S6-4	23.8	17.9	7.8	11.0	9.8	7.1	7.0	10.7	21.3	21.6	20.4	20.6	19.9	21.8	21.3	25.7	-1.9
	S6-4	23.8	17.9	7.8	11.0	9.8	7.1	7.0	10.7	21.3	21.6	20.4	20.6	19.9	21.8	21.3	25.7	-1.9
Brundage Big Wells	N8-103	41.2	28.7	20.5	28.0	29.3	12.9	12.9	28.8	.....	.....	.....	39.8	49.7	71.9	80.5	85.7	-44.5
	N9-16	65.4	.....	64.8	.....	67.7	.....	.....	66.0	77.9	75.5	75.7	72.3	77.2	97.7	93.7	108.5	-44.1
	N9-25	17.2	.....	10.4	.....	5.2	.....	.....	.....	.....	30.6	29.9	.....	.....	57.5	44.3	70.3	-53.1
	N9-33	.....	35.5	21.6	35.8	26.4	17.1	17.6	30.7	43.6	39.0	40.3	35.1	38.6	42.9	51.3	53.5	.....
	T1-5	4.1	8.2	4.1	8.5	6.9	1.8	2.6	.....	13.8	14.4	15.2	17.5	16.5	29.3	28.0	38.7	-34.6
Valley Wells 9 miles east of Big Wells 15 miles west of La Pryor in outcrop area	O7-3	95.2	97.3	94.4	.....	98.4	93.3	93.3	96.1	102.2	103.4	102.5	105.4	108.1	118.0	119.8	125.0	-29.8
	M3-7	30.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32.3	33.6	33.7	34.9	-4.4
	M3-7a	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42.4	43.5	44.1	45.0	46.4	.....
	M3-7a	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42.4	43.5	44.1	45.0	46.4	.....
	M3-7a	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42.4	43.5	44.1	45.0	46.4	.....

The change in water levels in the High Plains from the spring of 1949 to the spring of 1950 are shown by shaded areas in figure 15. The changes in water levels from the spring of 1938 to the spring of 1950 are shown by lines of equal decline in figure 16. These maps show the largest decline of water levels are in four districts: Plainview-Lockney, Lubbock, Muleshoe, and Hereford, where wells are most closely spaced and withdrawals are more concentrated than elsewhere.

Most of the irrigation wells in Dimmit, Maverick, and Zavala Counties draw water from the Carrizo sand which crops out in western Dimmit County, eastern Maverick County, and western and northern Zavala County. In some localities the water from irrigation wells is supplemented by surface water from the Nueces River and impounding reservoirs on Pendencia, Turkey, and Comanche Creeks. Surface water is more economical to pump than ground water, therefore the wells along the river and reservoirs are pumped very little or none during the wet years. Pumpage inventories that were made in the field indicate that the amount of water withdrawn from wells was as follows: 30,000 acre-feet in 1929-30 season; 28,000 acre-feet in 1937-38 season; and 58,500 acre-feet in 1947-48 season. From August 1947 through July 1948 the rainfall was 16.88 inches; from August 1948 through July 1949 the rainfall was 29.32 inches. As a result of the greater rainfall in the 1948-49 period, pumpage of ground water was less. From August 1949 through July 1950 the rainfall was 26.09 inches; 13.18 inches of the rainfall occurred during May, June, and July. There was only 4 inches of rainfall from November through March which is the growing season of the vegetables, oats, and citrus fruits. The distribution of rainfall necessitated heavy winter pumping which accounts for the decline of water levels during the period, although rainfall was slightly above average.

Water-level measurements have been made during July, August, and September, at the close of the season of least pumping, when the effect of local pumping is at a minimum. Some of the wells are in the heavily pumped areas, whereas others are in the more lightly pumped areas, in the outcrop areas, or in areas remote from pumping.

For several years there has been irrigation of citrus fruits and winter garden vegetables in Jim Wells and Brooks Counties. Also, considerable development of oil in Brooks, Jim Wells, Duval, and Kleberg Counties has taken place since 1940. A gasoline plant southwest of Premont, a Naval Air Base southeast of Kingsville, and a celanese plant north of Kingsville were put in operation in 1943. These plants at first used large quantities of ground water. In 1945 the Naval Air Base was closed, and in 1948 the celanese plant started using surface water, when available from Lake Corpus Christi, for a part of its supply. These changes somewhat relieved the demand for ground water locally, but in the area as a whole large quantities of ground water are still used for irrigation, industrial, municipal, and domestic supplies.

Water levels are usually measured in February each year when the least irrigation water is used and when the water levels are generally highest.

Most of the observation wells in Duval County are on the outcrops of the sands which are heavily pumped in Jim Wells, Brooks, and Kleberg Counties. The deeper wells in the southeastern part of the county show greater declines than similar wells in the central and northern parts of the county because they are nearer the centers of heavy pumpage in the Premont-Falfurrias area. As used here, shallow wells are those less than 100 feet deep whereas deep wells are those over 100 feet deep.

In 22 shallow observation wells the average net decline in water level was 0.66 foot between 1949 and 1950; the water level in seven of these wells rose from 0.20 foot to 3.82 feet, while in the other 15 wells the water level declined from 0.05 foot to 7.12 feet. In 19 shallow observation wells the average net decline in water level was 3.38 feet between 1943 and 1950; the water level in four of these wells rose from 0.38 foot to 5.01 feet, while in the other 15 wells the water level declined from 0.66 foot to 16.88 feet.

In 11 deep observation wells the average net rise was 0.66 foot between 1949 and 1950; the water level in four of these wells rose from 1.26 to 3.90 feet, and in the other seven wells the water level declined from 0.10 foot to 1.15 feet. In 10 deep observation wells the average net decline in water level was 3.76 feet between 1943 and 1950; the water level in three of these wells rose from 1.24 to 7.77 feet, while in the other seven wells the water level declined from 0.84 foot to 17.86 feet.

In 21 observation wells in Brooks Counties drawing from one or more sands and ranging in depth from 25 to 1,000 feet, the average net decline in water level between 1949 and 1950 was 0.28 foot; rises in water level ranging from 0.06 foot to 10.01 feet were recorded in eight wells and declines in water level ranging from 0.59 foot to 4.91 feet were recorded in 13 wells. Between 1943 and 1950 the declines in water level in six wells ranged from 2.37 to 41.65 feet and averaged 21.54 feet. Some of the wells are in an area remote from heavy pumping.

In seven shallow observation wells in Jim Wells County in the outcrop in the western part of the county there was an average decline in water level of 1.47 feet from 1949 to 1950; there was an average decline in water level of 1.47 feet from 1949 to 1950; there was a rise in three

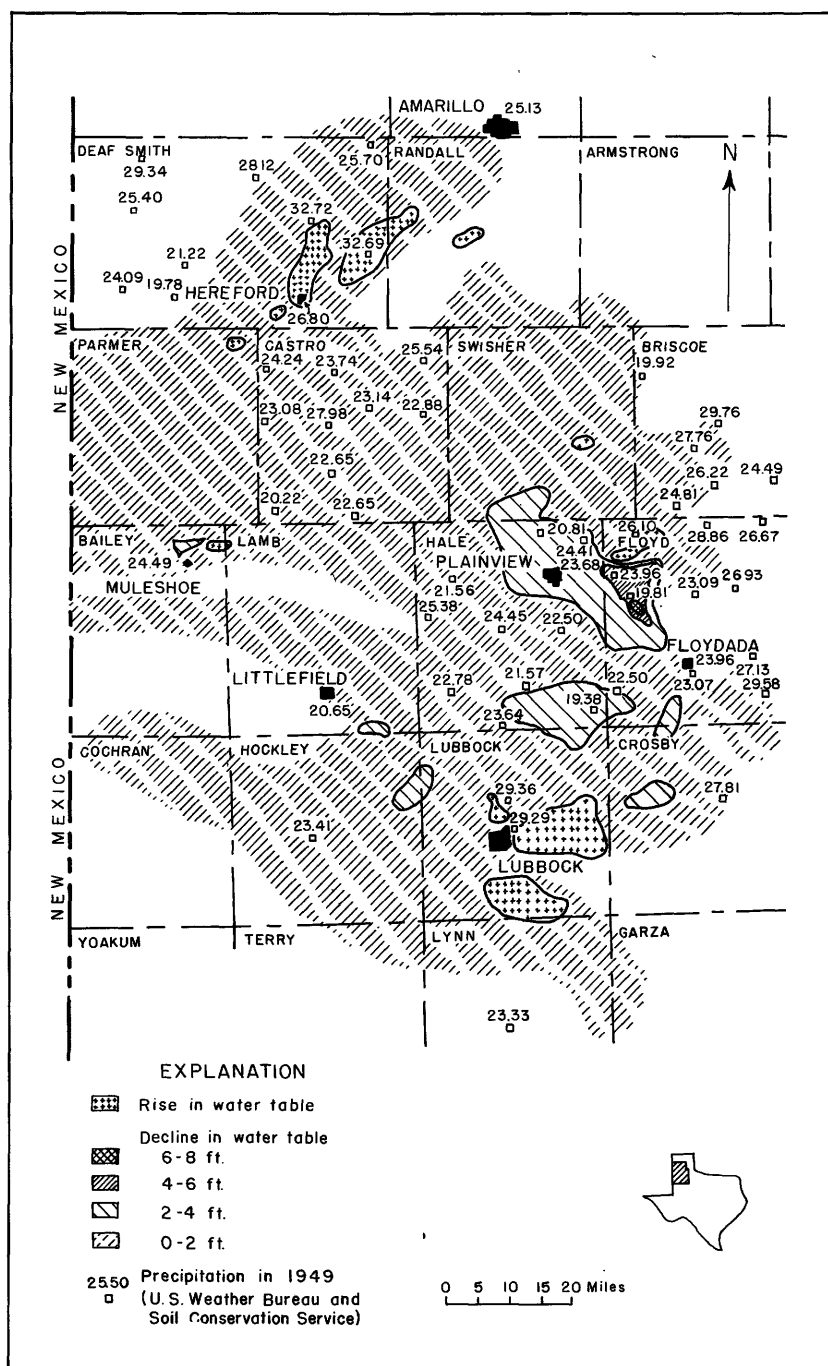


Figure 15.--Decline of the water table from March 1949 to March 1950 and precipitation during 1949 in the southern High Plains, Texas.

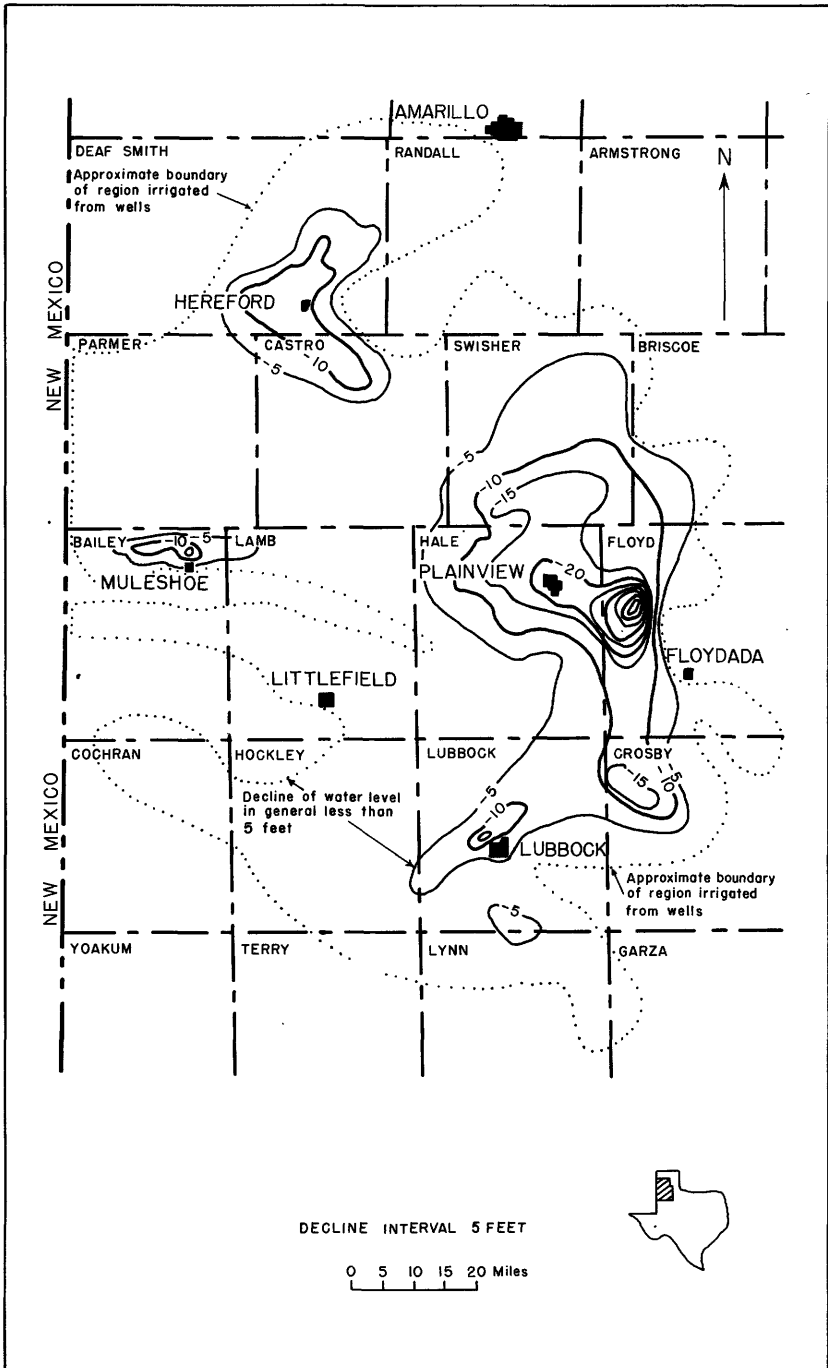


Figure 16. --Decline of the water table from March 1938 to March 1950 in the southern High Plains, Texas.

wells and a decline in the other four. The water level in the same wells showed an average decline of 5.84 feet from 1943 to 1950.

In 19 deep observation wells, mostly in the Premont-Falfurrias area, there was an average net rise in water level of 0.66 foot from 1949 to 1950; the water level rose from 0.26 foot to 6.83 feet in ten wells while the decline in water level ranged from 0.04 foot to 3.38 feet in the other nine wells. In 13 wells the average decline in water level was 25.84 feet from 1943 to 1950; the declines ranged from 15.85 to 35.31 feet.

In 21 observation wells in Kleberg County there was an average net decline in water level of 0.44 foot from 1949 to 1950; in nine wells the water level rose from 0.51 foot to 5.52 feet, while in the other 12 wells the decline in water level ranged from 0.18 foot to 6.26 feet. In 20 wells there was an average decline of 36.11 feet from 1943 to 1950; the declines ranged from 12.17 to 53.44 feet. In 16 wells there was an average decline in water level of 56.66 feet between 1932-33 and 1950; the declines ranged from 21.79 to 82.53 feet.

Observation wells that draw water from the Glen Rose limestone, Edwards limestone, Austin chalk, and younger formations, are along the Balcones Fault Zone from Del Rio eastward through San Antonio and then northward to Georgetown. The wells are in Val Verde, Kinney, Uvalde, Medina, Bexar, Guadalupe, Comal, Hays, Travis, and Williamson Counties. The following table summarizes the changes in the water level between December of 1949 and 1950.

Average net change in water level from December 1949 to December 1950

County	Number of wells	Average decline or rise (+) (feet)	Number of wells in which water level rose	Number of wells in which water level declined
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Wells drawing from the Edwards limestone

Val Verde	2	7.48	0	2
Kinney	8	6.66	0	8
Uvalde	8	16.07	0	8
Medina	6	17.78	0	6
Bexar	34	13.95	6	34
Comal	12	4.42	0	12
Hays	4	+10.07	3	1
Travis	17	1.02	1	16
Williamson	6	1.57	1	5

Wells drawing from the Glen Rose limestone, Austin chalk, or younger formations

Bexar	1	27.90	0	1
Kinney	5	5.40	0	5
Medina	1	5.39	0	1
Uvalde	7	3.81	0	7
Hays	19	0.55	5	14
Travis	9	1.43	2	7

The Houston-Galveston region includes Harris County west of the San Jacinto River, parts of Fort Bend, Waller, and Montgomery Counties, and Galveston County. Large quantities of ground water are pumped for industrial and municipal purposes in the Houston-Pasadena area and for irrigation of rice in the Katy area west of Houston. All these wells draw water from sands that crop out from 20 to 50 miles west, northwest, and north of Houston. To simplify the discussion of water-level fluctuations, the region is divided into four general areas designated the Houston-Pasadena area, the Katy rice-growing area, the outcrop of the water-bearing sands, and the Galveston area.

The withdrawals of ground water in the Houston-Pasadena area from 1930 to 1936, inclusive, remained fairly constant, averaging about 50 million gallons a day and a state of approximate equilibrium was reached in the artesian pressure. As a result of an increase in the rate of pumping near Pasadena in 1937, amounting to about 20 million gallons a day, a general pressure decline occurred throughout the Houston-Pasadena area in 1937-38. Small additional increases in pumpage in 1939-41 caused the decline to continue although at a somewhat slower rate. During the 10-year period starting with 1940 the pumpage in the Houston-Pasadena area practically doubled, averaging about 150 million gallons a day in 1949 compared with 79 million gallons a day in 1940. This resulted in a rate of decline in artesian pressure that was greater than at any time during the preceding period of record. In observation wells for which comparable measurements are available the average decline in pressures from the spring of 1940 to the spring of 1950 was 80 feet in the Pasadena area, 85 feet in eastern Houston, 60 feet in northern Houston, and 53 feet in central and western Houston. Greater declines occurred locally in the immediate vicinity of very heavily pumped wells or batteries of wells.

The following table gives the estimated average daily withdrawal of ground water in the Houston-Pasadena area and the Katy area.

Average daily pumpage in the Houston-Pasadena and Katy areas (millions of gallons a day)													
	1930	1935	1937	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Houston Water Dept. (from city records)	25.8	24.5	25.2	28.8	27.2	30.5	35.2	39.5	43.2	51.3	55.8	60.9	60.4
Independent public supplies and industrial wells	14	14	16	17	16	18	20	21	21	22	24	24	30
Pasadena industrial wells	10	10	29	33	34	36	39	47	48	50	55	61	60
Sub-total for Houston-Pasadena area	50	49	70	79	77	75	94	108	112	123	135	146	150
Katy area	18	14	30	45	23	38	52	55	50	60	75	120	98
Total for the Houston district	68	63	100	123	100	123	146	163	162	183	210	266	248

The rice wells in the Katy area are pumped only during the season that begins about May 1 and lasts approximately 130 days. The pumpage in the Houston and Pasadena areas, although continuous, is much heavier in the summer than it is during the remainder of the year. Therefore, for convenience in compilation and in order that comparisons may be made, the withdrawals in all three areas are given as daily averages for the entire year. The city of Houston pumpage in 1946 includes 1,024 acre-feet (334,000,000 gallons) sold at the Southwest well field for the irrigation of rice land.

In the Katy rice-growing area, on the outcrop of the sands that supply much of the water pumped at Houston, the amount of land using ground water for irrigation totaled 47,650 acres in 1949 compared with 8,000 acres in 1935, six-fold increase. Expressed as a daily average, the pumpage amounted to about 98,000,000 gallons a day in 1949 as compared with 14,000,000 gallons a day in 1935. There has been a net decline of the water table and artesian pressure in this area for a period of about 20 years, but the decline has been relatively small and the pumping has had little effect on the artesian reservoir at Houston.

The ground-water reservoirs are recharged by precipitation that falls on the outcrops of the water-bearing sands northwest, north, and northeast of Houston. Periodic measurements of water-table wells in portions of the outcrops that are remote from areas of large-scale pumping show little if any net decline in water levels between 1938 and 1950.

Prior to 1944 there was a persistent decline of the water levels in Galveston County as a result of heavy pumping in the Texas City industrial area and in the Alta Loma well field of the city of Galveston. The rate of decline decreased from 1944 to 1947, and at Texas City the artesian pressure became almost constant as the cone of depression caused by the pumping became flatter and larger each year. Pumpage in 1948 was curtailed appreciably as a result of a surface-water supply being made available for industrial uses at Texas City, and water levels in the deeper sands at and near industrial wells recovered about 35 feet. The water levels in the old Galveston well field at Alta Loma rose about 12 feet from June 1948 to November 1950. In the new well field there was some decline between 1948 and 1950. In the northern and north-western parts of Galveston County the water levels continued to decline slowly; the rate of decline being less in 1950 than in 1948 to 1949.

Well-Numbering System

Three well numbering systems have been used in Texas: (1) Wells numbered consecutively beginning with 1 in the upper left hand corner of the map and progressing back and forth across the map. Sometimes gaps were left in the numbers to allow for additional wells. (2) A grid system using a letter and a number to identify the grid followed by consecutive well numbers usually starting with 1 in each grid (Example, H5-1). (3) A grid system using a letter to identify the grid followed by consecutive well numbers usually starting with 1 in each grid (Example, B-3).

Well Descriptions and Water-Level Measurements
(Water levels are in feet below land-surface datum unless otherwise indicated.)

Angelina County

168. City of Lufkin. About 300 yards west of Redland School, lat. $31^{\circ}24'$, long. $94^{\circ}43'$. Records available: 1939-45, 1948-50. July 25, 312. 18.

169. Gulf Pipe Line Co. Lat. $31^{\circ}26'$, long. $94^{\circ}45'$. Records available: 1939-46, 1948-50. Apr. 18, 127.03; July 25, 136.89.

Aransas County

35. W. S. Kirby. At northeast edge of Aransas Pass, lat. $27^{\circ}54'$, long. $97^{\circ}08'$. Records available: 1939-42, 1945, 1947, 1949-50. Nov. 15, 8.71.

59. E. F. Barber. Lat. $28^{\circ}00'$, long. $97^{\circ}07'$. Records available: 1939-42, 1945, 1947, 1949-50. Nov. 15, 9.82.

77. H. G. Smith. At southwest edge of Rockport, lat. $28^{\circ}01'$, long. $97^{\circ}03'$. Records available: 1939-42, 1945, 1947, 1949-50. Nov. 15, 7.23.

247. G. M. Broach. 0.6 mile west of State Highway 35 on Bayside road, lat. $28^{\circ}01'$, long. $97^{\circ}04'$. Records available: 1940-42, 1945, 1947, 1949-50. Nov. 15, 6.35.

Atascosa County

5. H. Koehler. Lat. $29^{\circ}05'$, long. $98^{\circ}36'$. Records available: 1931, 1944-45, 1948-50. July 12, 62.63.

17. W. P. Gilliland. Lat. $29^{\circ}03'$, long. $98^{\circ}38'$. Records available: 1944-45, 1948-50. July 13, 33.21.

33. C. E. Simmons. Lat. $29^{\circ}02'$, long. $98^{\circ}39'$. Records available: 1940, 1944, 1949-50. July 13, 31.05.

61. R. B. Fischer. Lat. $29^{\circ}00'$, long. $98^{\circ}32'$. Records available: 1925-26, 1944, 1948-50. July 11, 1.13.

62. R. B. Fischer. Lat. $29^{\circ}00'$, long. $98^{\circ}32'$. Records available: 1937-41, 1944, 1948-50. July 11, 0.69.

68. H. A. Jaroszewski. Lat. $29^{\circ}02'$, long. $98^{\circ}32'$. Records available: 1944-45, 1948-50. July 11, 54.83.

72. G. Weynand. Lat. $29^{\circ}07'$, long. $98^{\circ}30'$. Records available: 1944-45, 1948-50. July 18, 84.58.

91. Guy S. Combs. Lat. $28^{\circ}59'$, long. $98^{\circ}25'$. Records available: 1944-45, 1948-50. July 11, 22.13.

94. E. H. Marek. Lat. $28^{\circ}58'$, long. $98^{\circ}58'$, long. $98^{\circ}24'$. Records available: 1944, 1948-50. July 10, 16.48.

100. Joe A. Coughran. Lat. $28^{\circ}57'$, long. $98^{\circ}22'$. Records available: 1944, 1948-50. July 11, 14.90.

165. H. E. Whittet. Lat. $29^{\circ}03'$, long. $98^{\circ}42'$. Records available: 1910, 1929, 1944-46, 1948-50. July 13, 39.82.

168. Guy A. Bryan. Lat. $29^{\circ}06'$, long. $98^{\circ}35'$. Records available: 1929-30, 1944-46, 1948-50. July 12, 102.4.

169. R. L. Bruce. Lat. $29^{\circ}06'$, long. $98^{\circ}30'$. Records available: 1929-30, 1944-46, 1948-49. No measurement made in 1950.

177. W. R. Woods. Lat. $29^{\circ}01'$, long. $98^{\circ}42'$. Records available: 1929-30, 1944, 1946, 1948-50. July 13, 1.29.

187. Dan Reed. Lat. $29^{\circ}03'$, long. $98^{\circ}36'$. Records available: 1929-30, 1944-46, 1948-50. July 12, 47.03.

196. F. Holberg. Lat. $29^{\circ}02'$, long. $98^{\circ}38'$. Records available: 1929-30, 1944-46, 1948-50. July 13, 16.0.

209. J. Ward. Lat. $29^{\circ}02'$, long. $98^{\circ}35'$. Records available: 1929-30, 1944-46, 1948-49. No measurement made in 1950.

213a. E. T. Page. Lat. $29^{\circ}03'$, long. $98^{\circ}32'$. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	75.69	June 7	74.59	Aug. 3	79.10	Nov. 10	80.49
Mar. 9	74.80	July 7	77.55	Sept. 11	79.12	Dec. 6	79.73
Apr. 3	76.15	11	77.64	Oct. 9	79.75		

214. J. V. Gates. Lat. $29^{\circ}02'$, long. $98^{\circ}33'$. Records available: 1929-30, 1944-46, 1948-50. July 11, 36.87.

226. J. H. Hildreth and others. Lat. $29^{\circ}01'$, long. $98^{\circ}34'$. Records available: 1929-30, 1934-46, 1948-49. No measurement made in 1950.

246. A. E. Beckman. Lat. $28^{\circ}52'$, long. $98^{\circ}40'$. Records available: 1929-30, 1944-46, 1948-50. July 12, 32.02.

251. C. S. Young. Lat. $28^{\circ}56'$, long. $98^{\circ}31'$. Records available: 1929-30, 1944-45, 1948-50. July 10, 48.91.

253. W. A. Rickter. Lat. $28^{\circ}59'$, long. $98^{\circ}26'$. Records available: 1929-30, 1944, 1948-50. July 11, 6.64.

299. H. C. McCaughn. Lat. $29^{\circ}03'$, long. $98^{\circ}36'$. Records available: 1929-30, 1944, 1946, 1948-50. July 12, 40.78.

337. L. B. Wier. Lat. $28^{\circ}56'$, long. $98^{\circ}43'$. Records available: 1908, 1929-30, 1944-50. July 12, 74.48.

342. Henry Shearer. Lat. $29^{\circ}02'$, long. $98^{\circ}30'$. Records available: 1929-30, 1944, 1948-50. July 11, 3.07.

Bailey County

5a. E. W. Gray. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, blk. Z, lat. $34^{\circ}17'$, long. $102^{\circ}52'$. Records available: 1937-50. Feb. 14, 67.42.

9. Fred McKillip. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, blk. Z, lat. $34^{\circ}16'$, long. $102^{\circ}54'$. Records available: 1936-50. Feb. 13, 48.88.

21a. Mrs. J. W. Gregory, Sr. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, blk. X, lat. $34^{\circ}15'$, long. $102^{\circ}51'$. Records available: 1936, 1938-49. Measurement discontinued.

25. C. A. Wagner. NW. corner SE $\frac{1}{4}$ sec. 6, blk. Z, lat. $34^{\circ}15'$, long. $102^{\circ}52'$. Records available: 1936-50. Feb. 14, 30.60.

31. J. H. Farley. NW. corner sec. 10, blk. X, lat. $34^{\circ}14'$, long. $102^{\circ}50'$. Records available: 1936-40, 1942-43, 1946, 1948-50. Feb. 14, 24.54.

33. Mrs. J. W. Gregory. NW. corner SW $\frac{1}{4}$ sec. 12, blk. X, lat. $34^{\circ}15'$, long. $102^{\circ}50''$. Records available: 1936-43, 1945-50. Feb. 14, 41.55.

36. C. J. Darby. Formerly J. E. Jeter. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, blk. X, lat. $34^{\circ}15'$, long. $102^{\circ}48'$. Records available: 1937-50. Feb. 14, 27.51.

45. H. M. Schofner. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, blk. Y, lat. $34^{\circ}15'$, long. $102^{\circ}45'$. Records available: 1937-50. Feb. 14, 28.29.

49. W. F. Harrison. Formerly Jess Mitchell. NW. corner NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, blk. X, lat. $34^{\circ}15'$, long. $102^{\circ}46'$. Records available: 1934, 1936-50. Feb. 14, 29.73.

53. W. B. Gwyn. Sr. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, blk. Y, lat. $34^{\circ}15'$, long. $102^{\circ}45'$. Records available: 1936-50. Feb. 14, 31.38.

62. Briscoe. Formerly Levi Churchill. NW. corner SE $\frac{1}{4}$ sec. 42, blk. Y, lat. $34^{\circ}15'$, long. $102^{\circ}43'$. Records available: 1936-50. Feb. 14, 38.43.

63. Sam Gorrell. NW. corner SW $\frac{1}{4}$ sec. 42, blk. Y, lat. $34^{\circ}15'$, long. $102^{\circ}44'$. Records available: 1936-45, 1947-50. Feb. 14, 36.35.

67. I. W. Hardin. NW. corner NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 41, blk. Y, lat. $34^{\circ}15'$, long. $102^{\circ}43'$. Records available: 1936-50. Feb. 14, 37.45.

69. E. R. Hart. NW. corner SW $\frac{1}{4}$ sec. 52, blk. Y, lat. 34°15', long. 102°43'. Records available: 1936-45, 1947-50. Feb. 14, 29.93.

92. L. H. McConnell. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 51, blk. Y, lat. 34°16', long. 102°42'. Records available: 1936-45, 1947-48, 1950. Feb. 14, 31.85.

95a. E. R. Hart. NW. corner sec. 71, blk. Y, lat. 34°16', long. 102°41'. Records available: 1948-50. Feb. 14, 27.05.

108a. T. L. Mounts. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, blk. W, lat. 34°16', long. 102°37'. Records available: 1946-50. Feb. 14, 39.60.

116. Henry Nieman & Sons. Formerly E. R. Hart. NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, blk. W, lat. 34°16', long. 102°38'. Records available: 1934, 1936-37, 1939-44, 1947-50. Feb. 14, 37.80.

117. Allison Cassady. NW. corner sec. 32, blk. W, lat. 34°17', long. 102°38'. Records available: 1934, 1936-44, 1946-50. Feb. 14, 42.22.

130a. Mr. Carpenter. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, blk. W, lat. 34°15', long. 102°38'. Records available: 1948-50. Feb. 14, 26.60.

131. R. D. Precure. NW. corner SW $\frac{1}{4}$ sec. 34, blk. W, lat. 34°15', long. 102°37'. Records available: 1914, 1936-44, 1946-50. Feb. 14, 26.66.

132. J. A. Ryan. NW. corner SE $\frac{1}{4}$ sec. 34, blk. W, lat. 34°15', long. 102°37'. Records available: 1937-45, 1947-50. Feb. 14, 26.96.

135. B. H. Porter. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 47, blk. W, lat. 34°14', long. 102°37'. Records available: 1914, 1937-39, 1941-43, 1949-50. Feb. 14, 20.38.

136. C. A. Barnett. NW. corner SE $\frac{1}{4}$ sec. 48, blk. W, lat. 34°14', long. 102°38'. Records available: 1914, 1934, 1936-50. Feb. 14, 21.82.

137. J. C. Hunt. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 48, blk. W, lat. 34°14', long. 102°38'. Records available: 1914, 1936-50. Feb. 14, 20.46.

205. W. A. Mathis. NW $\frac{1}{4}$ lab. 19, lge. 189, Ector County School land. Lat. 34°07', long. 102°44'. Records available: 1936-39, 1941, 1943-44, 1946-49. Measurement discontinued.

207. Mr. Whittington. SE $\frac{1}{4}$ lab. 22, lge. 188, lat. 34°06', long. 102°44'. Records available: 1936-43, 1946-50. Feb. 15, 86.87.

324a. Foard County public school land. NW $\frac{1}{4}$ lab. 15, lge. 192, lat. 34°05', long. 102°43'. Records available: 1937-44, 1946-50. Feb. 15, 92.36.

435. I. C. Enochs. SE $\frac{1}{4}$ lab. 69, lge. 182, lat. 33°54', long. 102°45'. Records available: 1936-44, 1947-50. Feb. 15, 19.54.

Bexar County

15. Robert Mechler. Lat. 29°22', long. 98°46'. Records available: 1933-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	129.41	June 1	129.47	Sept. 5	135.47	Nov. 6	137.27
Mar. 28	131.34	July 5	132.22	Oct. 5	135.66	Dec. 4	139.05
May 3	129.84	Aug. 1	135.79				

26. Fuller's earth plant. Lat. 29°22', long. 98°42'. Records available: 1933-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	116.27	May 3	116.40	Aug. 1	123.07	Nov. 6	124.58
Feb. 24	115.49	June 1	116.34	Sept. 5	122.43	Dec. 4	124.92
Mar. 28	117.03	July 5	119.33	Oct. 5	122.48		

28. A. J. McCulley. Lat. 29°24', long. 98°37'. Records available: 1933-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 24	71.30	June 1	74.20	Sept. 5	80.35	Nov. 6	82.28
Mar. 28	74.74	July 5	77.31	Oct. 5	80.13	Dec. 4	82.24
May 3	74.15	Aug. 2	81.01				

XB-1. Robert. Boenig. Lat. 29°23', long. 98°39'. Records available: 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	130.41	May 3	129.84	Sept. 5	135.94	Nov. 6	137.77
Feb. 24	127.63	June 1	130.85	Oct. 5	135.75	Dec. 4	137.84
Mar. 28	131.02	July 5	132.90				

XB-2. Oscar Bippert. Lat. 29°30', long. 98°24'. Records available: 1934, 1937-45, 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 23	79.58	June 1	82.00	Sept. 5	87.99	Nov. 6	90.44
Mar. 28	82.70	July 5	84.84	Oct. 5	88.26	Dec. 4	90.71
May 3	82.13						

XB-3. Beitel Church. Lat. 29°30', long. 98°24'. Records available: 1933-35, 1938-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	61.74	May 4	63.29	Sept. 7	68.97	Nov. 9	69.90
28	60.43	June 6	60.97	Oct. 6	70.24	Dec. 4	69.83
Mar. 31	63.98	July 6	67.38				

224. City of San Antonio. On Acme road. Lat. 29°25', long. 98°32'. Records available: 1944, 1948-50.

Daily highest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	57.18	57.67	56.54	59.95	57.96	58.70	61.90	65.13	64.19	63.46	66.52	66.13
2	56.90	57.65	56.51	59.90	58.10	57.84	61.33	65.31	64.04	63.36	66.52	66.14
3	56.76	57.78	56.27	59.39	58.29	56.97	61.08	65.72	63.91	63.71	66.66	66.15
4	57.01	57.83	56.09	59.45	58.60	56.72	61.49	66.05	63.75	63.94	66.45	65.72
5	57.38	57.59	56.03	59.28	59.18	56.39	61.50	66.30	64.07	64.11	65.94	65.87
6	57.50	57.40	55.91	59.24	59.46	56.34	62.37	66.33	64.21	64.43	65.56	66.51
7	57.67	57.43	55.97	59.13	59.62	56.43	63.07	66.11	64.61	64.63	66.04	66.36
8	57.48	57.33	56.53	59.21	59.64	56.72	63.57	66.54	64.81	64.77	66.07	66.16
9	57.26	57.37	56.67	59.24	60.30	56.99	63.31	66.98	64.98	64.39	66.31	66.38
10	57.34	57.26	56.57	58.87	60.82	57.37	63.05	66.73	65.03	64.98	66.17	66.28
11	57.48	57.17	56.47	59.83	60.12	57.68	63.61	66.86	64.92	65.24	65.90	65.95
12	57.42	56.91	56.57	59.89	59.17	57.67	64.22	67.07	64.70	65.39	65.66	66.20
13	57.46	56.43	56.49	60.30	58.60	58.16	64.12	64.70	64.94	65.75	65.38	66.46
14	57.68	56.18	56.72	59.88	58.03	58.72	62.94	63.84	65.30	65.85	65.47	66.46
15	57.50	56.01	56.64	59.60	57.77	59.17	62.37	63.20	65.84	65.57	65.55	66.53
16	57.44	55.88	56.94	59.13	57.92	59.52	61.78	63.42	66.08	65.38	65.75	66.56
17	57.60	55.87	57.09	58.73	58.03	59.74	61.35	63.63	64.73	65.70	65.80	66.41
18	57.61	55.94	57.22	58.71	58.12	59.80	61.57	64.00	64.48	65.92	65.60	66.20
19	57.78	55.99	57.42	58.68	58.27	59.61	61.31	63.67	64.46	65.98	65.50	66.34
20	57.90	55.77	57.31	58.67	58.48	60.22	62.28	63.90	64.24	65.75	65.56	66.34
21	57.84	55.84	57.68	58.52	58.30	60.80	62.73	63.85	64.47	65.43	65.78	66.55
22	57.60	55.66	58.21	58.37	58.26	60.53	62.91	64.48	64.46	65.50	65.74	66.39
23	57.44	55.70	58.36	58.08	58.77	60.36	62.90	64.77	64.34	65.37	65.81	66.29
24	57.69	55.70	58.83	57.92	59.05	60.85	62.84	65.24	63.98	65.86	65.94	66.11
25	57.85	55.85	58.78	58.03	59.36	61.03	63.53	65.60	63.62	66.04	65.89	65.85
26	58.23	56.02	58.52	58.02	59.48	61.19	63.37	65.59	63.64	66.22	65.60	65.55
27	58.16	56.04	58.72	58.07	59.13	61.97	64.25	65.46	63.72	66.40	65.41	66.06
28	58.02	56.23	58.93	58.28	58.42	62.32	64.52	64.80	63.58	66.39	65.75	65.98
29	57.70		59.75	58.27	58.15	62.93	64.64	64.29	63.62	66.26	65.96	65.95
30	57.60		60.09	58.19	58.40	62.48	64.61	64.15	63.64	65.98	66.21	66.24
31	57.62		60.03	57.96	58.76		64.45	64.10		66.30		66.10

436. Ed Steves & Sons. At Beverly Lodges Tourist Court in northeast part of San Antonio, lat. 29°28', long. 98°26'. Records available: 1932-50.

Daily highest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	58.62	59.04	58.21	61.51	59.38	60.55	63.67	66.88	65.66	64.84	67.74	67.41
2	58.35	59.05	58.02	61.45	59.59	59.89	63.01	67.10	65.66	64.71	67.74	67.28
3	58.26	59.22	57.77	60.87	59.82	58.96	62.72	67.67	65.42	65.12	67.95	67.31
4	58.57	59.15	57.57	60.95	60.15	58.69	63.27	67.99	65.24	65.30	67.74	66.83
5	59.06	59.06	57.48	60.62	60.76	58.31	63.58	68.08	65.61	65.61	67.19	67.00
6	59.09	58.86	57.42	60.63	60.89	58.25	64.30	67.99	65.78	65.80	66.75	67.73
7	59.24	58.95	57.52	60.53	61.21	58.37	64.82	68.01	66.11	66.01	67.23	67.67
8	58.98	58.73	58.08	60.62	61.14	58.67	65.32	68.45	66.36	66.26	67.35	67.32
9	58.77	58.80	58.09	60.68	61.80	58.93	65.25	68.77	66.60	65.74	67.63	67.54
10	58.84	58.66	58.10	60.32	62.26	59.33	64.86	68.57	66.64	66.19	67.40	67.34
11	59.00	58.57	57.99	61.23	62.06	59.53	65.70	68.57	66.47	66.45	67.16	66.99
12	58.97	58.32	58.09	61.33	61.09	59.50	66.14	68.80	66.16	66.75	66.89	67.30
13	59.04	57.86	57.91	61.68	60.25	60.21	66.39	66.92	66.36	67.11	66.55	67.55
14	59.11	57.66	58.26	61.33	59.75	60.80	65.07	65.57	67.09	67.23	66.68	67.55
15	59.02	57.53	58.16	60.98	59.38	61.16	64.04	64.76	67.36	66.95	66.64	67.55
16	58.99	57.39	58.37	60.58	59.65	61.48	63.29	65.22	67.80	66.73	67.01	67.71
17	59.10	57.40	58.59	60.13	59.72	61.66	62.87	65.30	67.01	67.14	67.06	67.45

436--Continued.

Daily highest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
18	59.16	57.59	58.80	60.17	58.36	61.67	63.20	65.80	65.97	67.37	66.85	67.27
19	59.34	57.53	58.94	60.12	60.04	61.56	63.70	65.32	65.90	67.43	66.75	67.40
20	59.34	57.28	58.80	60.09	60.28	62.17	64.17	65.68	65.65	66.93	66.75	67.45
21	59.31	57.38	58.25	59.94	60.07	62.82	64.42	65.59	65.92	66.75	66.94	67.56
22	59.09	57.27	59.64	59.76	59.93	62.42	64.77	66.23	65.94	66.85	66.94	67.44
23	58.92	57.19	59.92	59.70	60.58	62.19	64.74	66.54	65.79	66.63	67.08	67.38
24	59.25	57.18	60.61	59.37	60.86	62.70	64.64	66.99	65.50	67.09	67.10	67.13
25	59.38	57.37	60.37	59.50	61.14	62.86	65.31	67.30	64.94	67.41	67.16	66.82
26	59.77	57.63	60.07	59.45	61.23	63.08	65.83	67.23	65.13	67.63	66.76	66.53
27	59.51	57.64	60.40	59.56	60.83	64.15	66.26	67.16	65.26	67.70	66.55	67.04
28	59.34	57.86	60.46	59.75	60.02	64.40	66.41	66.64	65.03	67.78	66.87	67.12
29	59.07		61.31	59.73	59.76	64.85	66.55	65.81	65.05	67.55	67.17	67.00
30	58.94		61.50	59.66	60.10	64.74	66.51	65.69	65.11	67.24	67.35	67.33
31	59.00		61.59		60.43		66.27	65.67		67.62		67.12

Brazoria County

10. Gulf, Colorado & Santa Fe Railway Co. About 200 feet north of depot at Pearland, lat. 29°33', long. 95°17'. Records available: 1931, 1936, 1942-50. Dec. 15, 122.0.

18. Humble Oil & Refining Co. In Pledger oil field, lat. 29°12', long. 95°49'. Records available: 1946, 1949-50. Jan. 20, 13.21; Aug. 24, 14.66.

19. Humble Oil & Refining Co. In Pledger oil field, lat. 29°11', long. 95°48'. Records available: 1946, 1949-50. Jan. 20, 12.94; Aug. 24, 13.88.

28. Humble Oil & Refining Co. In Pledger oil field, lat. 49°10', long. 95°47'. Records available: 1946, 1949-50. Jan. 20, 10.75; Aug. 24, 11.17.

30. Humble Oil & Refining Co. In Pledger oil field, lat. 29°10', long. 95°47'. Records available: 1946, 1949-50. Jan. 20, 13.06; Aug. 24, 14.20.

31. Humble Oil & Refining Co. In Pledger oil field, lat. 29°09', long. 95°47'. Records available: 1946, 1949-50. Jan. 20, 9.91; Aug. 24, 11.42.

37. R. R. Farmer. 3.5 miles west of West Columbia, lat. 29°08', long. 95°42'. Records available: 1936, 1946, 1949-50. Jan. 20, 18.50; Aug. 24, 17.18.

100. Phillips Petroleum Co. Near refinery at Old Ocean, lat. 29°04', long. 95°44'. Records available: 1942, 1944, 1946-50. Jan. 19, 14.82; Aug. 24, 29.92.

101. Phillips Petroleum Co. Near refinery at Old Ocean, lat. 29°04', long. 95°44'. Records available: 1943, 1944, 1946-50. Jan. 19, 15.03; Aug. 23, 29.24.

125. The Texas Co. In Ocean oil field, lat. 29°03', long. 95°41'. Records available: 1946, 1949-50. Jan. 19, 4.72; Aug. 23, 6.41.

126. Peerless Carbon Co. Lat. 29°02', long. 95°39'. Records available: 1946, 1949-50. Jan. 19, 11.00; Aug. 23, 11.90.

152. Texas Prison System, Clemmens State Farm. Lat. 28°59', long. 95°32'. Records available: 1942, 1946, 1949. Measurement discontinued.

308. City of Freeport well 6. In Freeport, 1231 West 8th and Mesquite Sts. Lat. 28°51', long. 95°21'. Records available: 1941, 1946, 1949-50. Jan. 18, 122.10; Aug. 22, 121.03.

327. City of Velasco well 2. In Velasco, at 517 Ave. D, lat. 28°52', long. 95°21'. Records available: 1946, 1949-50. Jan. 18, 106.33; Aug. 22, 109.51.

328. City of Belasco well 1. In Velasco, at water tower, lat. 28°52', long. 95°21'. Records available: 1941, 1946, 1949-50. Jan. 18, 113.65; Aug. 22, 117.46.

411. Dr. B. W. Turner. Lat. 29°18', long. 95°26'. Records available: 1931, 1946, 1948-49. Measurement discontinued.

413. Humble Oil & Refining Co. In Danbury oil field, lat. 29°16', long. 95°20'. Records available: 1946, 1948-50. Jan. 17, 2.32.

415. Humble Oil & Refining Co. In Danbury oil field, lat. $29^{\circ}16'$, long. $95^{\circ}20'$. Records available: 1946, 1948-50. Jan. 17, 2.32; Aug. 30, 4.65.
416. Humble Oil & Refining Co. In Danbury oil field, lat. $29^{\circ}16'$, long. $95^{\circ}19'$. Records available: 1936, 1946, 1949-50. Jan. 17, 3.52; Aug. 30, 4.63.
417. Humble Oil & Refining Co. In Danbury oil field, lat. $29^{\circ}15'$, long. $95^{\circ}20'$. Records available: 1946, 1948-50. Jan. 17, 0.80; Aug. 30, 2.01.
418. Humble Oil & Refining Co. In Danbury oil field, lat. $29^{\circ}15'$, long. $95^{\circ}20'$. Records available: 1946, 1948-50. Jan. 17, 21.60; Aug. 30, 22.43.
421. Humble Oil & Refining Co. In Danbury oil field, lat. $29^{\circ}15'$, long. $95^{\circ}19'$. Records available: 1946, 1949-50. Jan. 17, 6.02; Aug. 30, 6.33.
425. J. M. Skrabanek. Lat. $29^{\circ}11'$, long. $95^{\circ}19'$. Records available: 1946, 1948-50. Jan. 17, 36.96; Aug. 30, 39.49.
429. Ed. Berry. Lat. $29^{\circ}11'$, long. $95^{\circ}22'$. Records available: 1946, 1948-50. Jan. 17, 6.59; Aug. 30, 11.23.
432. Humble Oil & Refining Co. In Angleton oil field, 4 miles north of Angleton, lat. $29^{\circ}13'$, long. $95^{\circ}26'$. Records available: 1946, 1948-50. Jan. 23, 13.19; Aug. 29, 15.22.
438. Humble Oil & Refining Co. In Angleton oil field, 2.75 miles northwest of Angleton, lat. $29^{\circ}11'$, long. $95^{\circ}26'$. Records available: 1946, 1948-50. Jan. 23, 18.14; Aug. 30, 20.41.
441. Owner unknown. Lat. $29^{\circ}08'$, long. $95^{\circ}31'$. Records available: 1946, 1948-50. Jan. 20, 15.71; Aug. 24, 15.88.
515. Otto Sens Club. Lat. $29^{\circ}22'$, long. $95^{\circ}28'$. Records available: 1939, 1946, 1948-50. Jan. 23, 29.01; Aug. 29, 31.33.
520. Crown Central Petroleum Co. In Sandy Point oil field, lat. $29^{\circ}23'$, long. $95^{\circ}26'$. Records available: 1946, 1948-50. Jan. 25, 19.37.
522. C. Martin. Lat. $29^{\circ}25'$, long. $95^{\circ}26'$. Records available: 1931, 1939, 1946, 1948-50. Jan. 25, 28.70; Aug. 29, 30.83.
526. Humble Oil & Refining Co. Lat. $29^{\circ}24'$, long. $94^{\circ}17'$. Records available: 1946, 1949-50. Aug. 21, 47.70.
544. W. G. Simpson. Lat. $29^{\circ}18'$, long. $95^{\circ}17'$. Records available: 1946, 1949-50. Aug. 21, 24.82.
552. Stanolind Oil & Gas Co. In Chocolate Bayou oil field, lat. $29^{\circ}18'$, long. $95^{\circ}15'$. Records available: 1946, 1949-50. Jan. 16, 6.55; Aug. 21, 6.85.
554. Phillips Petroleum Co. In Chocolate Bayou oil field, lat. $29^{\circ}19'$, long. $95^{\circ}13'$. Records available: 1946, 1949-50. Jan. 16, 32.29; Aug. 21, 33.46.
559. Dr. E. W. Andrau. Lat. $29^{\circ}20'$, long. $95^{\circ}12'$. Records available: 1946, 1948-50. Jan. 16, 53.57; Aug. 21, 55.48.
608. The Texas Co. In Manvel oil field. Lat. $29^{\circ}30'$, long. $95^{\circ}19'$. Records available: 1946, 1949-50. Jan. 17, 112.64; Aug. 29, 114.42.
612. C. H. Alexander. Lat. $29^{\circ}34'$, long. $95^{\circ}17'$. Records available: 1947-50. Feb. 17, 102.34; June 12, 103.15; Sept. 27, 108.81; Dec. 15, 109.10.
622. Humble Oil & Refining Co. In Hastings oil field, lat. $29^{\circ}30'$, long. $95^{\circ}13'$. Records available: 1946, 1949-50. Jan. 16, 107.12; Aug. 21, 112.96.
623. Stanolind Oil & Gas Co. In Hastings oil field, lat. $29^{\circ}30'$, long. $95^{\circ}15'$. Records available: 1946, 1948-50. Jan. 16, 110.95; Aug. 21, 116.51.
625. Stanolind Oil & Gas Co. In Hastings oil field, lat. $29^{\circ}30'$, long. $95^{\circ}14'$. Records available: 1946, 1949-50. Jan. 16, 71.57; Aug. 30, 71.46.
630. Humble Oil & Refining Co. In Hastings oil field, lat. $29^{\circ}29'$, long. $95^{\circ}15'$. Records available: 1935, 1946, 1949-50. Jan. 16, 77.04; Aug. 30, 78.85.

639. Gulf Oil Corp. In Manvel oil field, lat. 29°29', long. 95°20'. Records available: 1946, 1949-50. Jan. 17, 67.45; Aug. 29, 68.82.

643. The Texas Co. In Manvel oil field, lat. 29°30', long. 95°20'. Records available: 1946, 1949-50. Jan. 17, +0.19; Aug. 29, 6.91.

644. The Texas Co. In Manvel oil field, lat. 29°30', long. 95°20'. Records available: 1946, 1949-50. Jan. 17, 12.08; Aug. 29, 12.52.

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'. Records available: 1946, 1948-50. Feb. 17, 86.93.

119. Tom Whiteley. NW. corner NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 53, blk. A, lat. 34°25', long. 101°26'. Records available: 1946-50. Feb. 17, 83.99.

122. Datis Martin. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 49, blk. A, lat. 34°26', long. 101°26'. Records available: 1946, 1948-50. Feb. 17, 77.80.

148. Carl Wimberly. SW. corner SE $\frac{1}{4}$ sec. 46, blk. B2, lat. 34°23', long. 101°28'. Records available: 1946, 1948-50. Feb. 17, 72.66.

159. H. H. McPherson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, blk. B4, lat. 34°19', long. 101°27'. Records available: 1946, 1948-50. Feb. 17, 90.78.

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'. Records available: 1946, 1948-50. Feb. 17, 93.30.

170. Lowell Jarrett. SW. corner NW $\frac{1}{4}$ sec. 18, blk. B4, lat. 34°20', long. 101°24'. Records available: 1946-47, 1950. Feb. 17, 95.95.

225. W. A. Stephens. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, blk. B2, lat. 34°22', long. 101°19'. Records available: 1946, 1948-50. Feb. 17, 76.59.

227. Watson Douglas. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, blk. B2, lat. 34°21', long. 101°20'. Records available: 1946-50. Feb. 17, 78.00.

234. Joe Mercer. NW. corner SW $\frac{1}{4}$ sec. 66, blk. B1, lat. 34°25', long. 101°15'. Records available: 1946-50. Feb. 16, 104.03.

Brooks County

202. E. C. Lasater Estate. Lat. 27°14', long. 98°12'. Records available: 1932-33, 1935-38, 1941, 1943, 1945, 1947-49. No measurement made in 1950.

254a. Magnolia Petroleum Co. On W. A. Stockton lease, lat. 27°14', long. 98°10'. Records available: 1947-50. Feb. 9, 56.43.

266a. Col. J. E. McDonald. Lat. 27°14', long. 98°10'. Records available: 1946-50. Feb. 9, 53.74.

273. George Franks. Lat. 27°13', long. 98°10'. Records available: 1932-33, 1935-41, 1943-47, 1949-50. Feb. 9, 61.20.

277a. Col. J. E. McDonald. Lat. 27°13', long. 98°09'. Records available: 1947-50. Feb. 9, 67.20.

324. L. O. Atkinson. Lat. 27°12', long. 98°09'. Records available: 1932-33, 1934-41, 1943-45, 1947-50. Feb. 9, 19.32.

337a. John E. Boykin. Lat. 27°12', long. 98°08'. Records available: 1945-50. Feb. 9, 43.79.

340. Dr. H. M. Bennett. Lat. 27°11', long. 98°08'. Records available: 1932-33, 1935, 1937-41, 1943-50. Feb. 9, 33.66.

405. A. Rupp. Lat. 27°13', long. 98°03'. Records available: 1932-33, 1935-41, 1943-50. Feb. 9, 56.49.

474. A. Rupp. Lat. 27°12', long. 98°03'. Records available: 1932-33, 1935-38, 1940-41, 1943-50. Feb. 9, 45.03.

504a. Neal Rupp. Lat. $27^{\circ}12'$, long. $98^{\circ}03'$. Records available: 1947-50. Feb. 9, 45. 30.

865. Florencio Rodriguez. Lat. $26^{\circ}53'$, long. $98^{\circ}13'$. Records available: 1933, 1935-41, 1943-45, 1947-50. Feb. 9, 79. 37.

865a. Florencio Rodriguez. 40 feet west of well 865, lat. $26^{\circ}53'$, long. $98^{\circ}13'$. Records available: 1947-50. Feb. 9, 86. 78.

882a. E. Villareal. Lat. $26^{\circ}53'$, long. $98^{\circ}13'$. Records available: 1947-50. Feb. 9, 93. 74.

882b. T. G. Mangel. Lat. $26^{\circ}53'$, long. $98^{\circ}14'$. Records available: 1947-49. No measurement made in 1950.

885a. Juan Longoria. Lat. $26^{\circ}53'$, long. $98^{\circ}11'$. Records available: 1947-50. Feb. 9, 63. 26.

919a. J. J. Hinojosa. In Encino, lat. $26^{\circ}56'$, long. $98^{\circ}08'$. Records available: 1939-40, 1943-45, 1947-49. No measurement made in 1950.

Castro County

8. Earl Cole. NW. corner $SW\frac{1}{4}NW\frac{1}{4}$ sec. 125, blk. M7, lat. $34^{\circ}42'$, long. $102^{\circ}26'$. Records available: 1937-50. Feb. 9, 78. 64.

18. Frio Public School. NE. corner sec. 118, blk. M7, lat. $34^{\circ}42'$, long. $102^{\circ}24'$. Records available: 1937-39, 1941-49. Measurement discontinued.

20. H. E. Lindley. NW. corner $NW\frac{1}{4}NE\frac{1}{4}$ sec. 97, blk. M7, 1.7 miles southeast of Frio Public School, lat. $34^{\circ}41'$, long. $102^{\circ}22'$. Records available: 1936-50. Feb. 9, 76. 38.

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. $102^{\circ}22'$. Records available: 1936-50. Feb. 16, 70. 61.

36. E. O. Baker. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 72, blk. M7, lat. $34^{\circ}43'$, long. $102^{\circ}20'$. Records available: 1937-50. Feb. 16, 94. 08.

40. J. N. Burgin. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 51, blk. M7, lat. $34^{\circ}42'$, long. $102^{\circ}18'$. Records available: 1937-42, 1944-46, 1948, 1950. Feb. 16, 72. 39.

48. J. M. Richardson. NW. corner sec. 30, blk. M7, lat. $34^{\circ}42'$, long. $102^{\circ}16'$. Records available: 1937-50. Feb. 7, 65. 50.

52. C. G. Maples. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 1, blk. M10A, lat. $34^{\circ}38'$, long. $102^{\circ}14'$. Records available: 1937-50. Feb. 7, 83. 26.

53. W. A. Hunter. SW. corner $SW\frac{1}{4}NW\frac{1}{4}$ sec. 52, blk. M7, lat. $34^{\circ}41'$, long. $102^{\circ}18'$. Records available: 1936, 1938-50. Feb. 7, 68. 68.

57. E. S. Ireland. $SE\frac{1}{4}SW\frac{1}{4}SE\frac{1}{4}$ sec. 33, blk. M7, lat. $34^{\circ}38'$, long. $102^{\circ}16'$. Records available: 1938-44, 1947-49. Measurement discontinued.

58. J. E. Tucker. SW. corner sec. 2, blk. L-2, lat. $34^{\circ}34'$, long. $102^{\circ}16'$. Records available: 1938-50. Feb. 9, 151. 34.

201. J. C. Heiman. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 339, blk. M6, lat. $34^{\circ}32'$, long. $102^{\circ}12'$. Records available: 1938-44, 1947-50. Feb. 9, 154. 04.

202. Frank Huseman. $SW\frac{1}{4}NW\frac{1}{4}NE\frac{1}{4}$ sec. 222, blk. M6, lat. $34^{\circ}31'$, long. $102^{\circ}06'$. Records available: 1938-42, 1944-50. Feb. 9, 104. 45.

202a. Frank Huseman. SW. corner sec. 222, blk. M6, lat. $34^{\circ}31'$, long. $105^{\circ}07'$. Records available: 1944, 1946-47, 1949-50. Feb. 16, 148. 20.

330a. George Schacher. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 144, blk. M6, lat. $34^{\circ}33'$, long. $102^{\circ}02'$. Records available: 1949-50. Feb. 9, 127. 37.

339a. Harry Kleman. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 180, blk. M6, lat. $34^{\circ}30'$, long. $102^{\circ}03'$. Records available: 1943-50. Feb. 9, 124. 33.

394. R. J. Wall. $SW\frac{1}{4}NW\frac{1}{4}$ sec. 14, blk. S2, lat. $34^{\circ}23'$, long. $102^{\circ}06'$. Records available: 1939-40, 1942-50. Feb. 7, 96. 29.

395a. J. R. Riley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. S2, lat. 34°22', long. 102°05'. Records available: 1940, 1942-50. Feb. 16, 94.37.

410b. L. W. Guthrie. NW $\frac{1}{4}$ sec. 7, blk. K-3, lat. 34°20', long. 102°00'. Records available: 1942-50. Feb. 7, 74.53.

465. Tom Lewis. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 38, blk. T4, lat. 34°25', long. 102°22'. Records available: 1939, 1942-49. No measurement made in 1950.

508. Sam Gilbreath. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, blk. K13, lat. 34°22', long. 102°15'. Records available: 1938, 1942-44, 1946-50. Feb. 16, 83.15.

528a. M. H. Fawkes. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 53, blk. K13, lat. 34°23', long. 102°19'. Records available: 1942-45, 1947-50. Feb. 7, 93.12.

529. Irving Redecker. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 52, blk. T4, lat. 34°23', long. 102°20'. Records available: 1939, 1944-50. Feb. 7, 94.28.

544a. N. F. Cleavinger. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, blk. 1, lat. 34°19', long. 102°20'. Records available: 1940, 1942-44, 1946-50. Feb. 7, 94.95.

Chambers County

A-17. Crumpler Bros. In Mont Belvieu, lat. 29°50', long. 94°52'. Records available: 1941, 1948-50. Nov. 3, 77.23.

B-10. U. S. Government. Lat. 29°42', long. 94°41'. Records available: 1937, 1941, 1948-49. Measurement discontinued.

C-21. U. S. Dept. of Agriculture. At old dipping vat, lat. 29°42', long. 94°37'. Records available: 1941, 1948-50. Apr. 10, 6.49; Nov. 1, 7.44.

D-17. Walter Simon. Lat. 29°41', long. 94°28'. Records available: 1941, 1949-50. Apr. 10, 8.15; Nov. 1, 8.91.

E-14. Salt Dome Oil Corp. Lat. 29°45', long. 94°51'. Records available: 1941, 1948-50. Apr. 12, 61.25; Nov. 3, 64.80.

E-23. Dr. Shear. Lat. 29°44', long. 94°50'. Records available: 1928, 1941, 1948-50. Apr. 12, 22.17; Nov. 3, 22.75.

E-42. A. V. Faulkenberry. Lat. 29°41', long. 94°52'. Records available: 1939, 1941, 1948-50. Apr. 12, 18.82.

E-60. Asa Wilburn. Lat. 29°41', long. 94°54'. Records available: 1941, 1948-50. Apr. 12, 14.67; Nov. 3, 14.90.

E-86. S. R. Williams. Lat. 29°45', long. 94°54'. Records available: 1948-50. Apr. 12, 47.54; Nov. 3, 43.24.

E-90. Old River Rice Co. Lat. 29°45', long. 94°53'. Records available: 1934, 1941, 1948-50. Apr. 12, 9.07; Nov. 3, 9.37.

F-25. Josh Mayes. Lat. 29°49', long. 94°43'. Records available: 1941, 1948-50. Apr. 10, 6.48; Nov. 1, 7.45.

F-42. G. Chambliss. In Anahuac, lat. 29°45', long. 94°41'. Records available: 1941, 1948-50. Apr. 10, 7.82; Nov. 1, 8.68.

G-8. U. S. Dept. of Agriculture. At old dipping vat, lat. 29°34', long. 94°30'. Records available: 1941, 1948-50. Apr. 10, 9.02; Nov. 1, 6.06.

G-69. U. S. Dept. of Agriculture. At old dipping vat, lat. 29°37', long. 94°34'. Records available: 1941, 1948-50. Apr. 10, 12.60; Nov. 1, 13.24.

H-80. R. Barrow. Lat. 29°30', long. 94°28'. Records available: 1941, 1948-50. Apr. 11, 0.12; Nov. 2, 1.02.

I-8. Seacrest Park. Lat. 29°39', long. 94°53'. Records available: 1948-50. Apr. 12, 97.32.

J-13. Sun Oil Co. Lat. 29°27', long. 94°42'. Records available: 1944, 1949-50. Apr. 11, 7.22; Nov. 2, 6.34.

K-7. R. Barrow. Lat. $29^{\circ}29'$, long. $94^{\circ}37'$. Records available: 1948-50. Apr. 11, 13.94; Nov. 2, 18.27.

Cochran County

1. Beck Gin Co. In Whiteface, lat. $33^{\circ}36'$, long. $102^{\circ}36'$. Records available: 1937-42, 1944-48, 1950. Feb. 15, 157.37.

5. Dave Linder. Lat. $33^{\circ}40'$, long. $102^{\circ}42'$. Records available: 1937-41, 1944-50. Feb. 15, 124.16.

10. John W. Lynch. Lat. $33^{\circ}47'$, long. $102^{\circ}45'$. Records available: 1937-41, 1944-45, 1947-49. Measurement discontinued.

11b. J. W. Lynch. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, lge. 105, lat. $33^{\circ}48'$, long. $102^{\circ}45'$. Records available: 1946-50. Feb. 15, 101.05.

Comal County

Measurements discontinued in wells 117, 118, 119, 120, 131, 155, 162, 171, and 183.

221. Albert Simon. Lat. $29^{\circ}44'$, long. $98^{\circ}08'$. Records available: 1939-50. Jan. 23, 165.80; Apr. 10, 166.60; Aug. 1, 167.69.

222. William Kraft. Lat. $29^{\circ}44'$, long. $98^{\circ}08'$. Records available: 1936, 1939-46, 1948-50. Aug. 1, 181.37; Dec. 8, 184.55.

223. L. S. Davis. Lat. $29^{\circ}45'$, long. $98^{\circ}09'$. Records available: 1936, 1939-50. Jan. 23, 209.85; Apr. 10, 211.00; Aug. 1, 212.28; Dec. 8, 217.55.

225. W. H. Harborth Estate. Lat. $29^{\circ}44'$, long. $98^{\circ}10'$. Records available: 1936, 1939-50. Jan. 23, 177.35; Apr. 10, 178.45; Aug. 1, 179.72; Dec. 8, 183.14.

232. Krueger Bros. Lat. $29^{\circ}43'$, long. $98^{\circ}13'$. Records available: 1937, 1939-49, 1950. Jan. 23, 195.67.

263a. Walter Kappelmacher. Lat. $29^{\circ}43'$, long. $98^{\circ}10'$. Records available: 1939-50. Jan. 23, 233.15.

271. Albert Wallhoeffler. Lat. $29^{\circ}45'$, long. $98^{\circ}05'$. Records available: 1936-50. Jan. 23, 90.34; Apr. 10, 90.64; Aug. 1, 91.13; Dec. 7, 92.16.

274. Charles Soechting. Lat. $29^{\circ}46'$, long. $98^{\circ}03'$. Records available: 1937-50. Jan. 23, 152.61; Apr. 10, 152.31; Aug. 1, 153.12; Dec. 7, 154.05.

278. Nancy Gruene. Lat. $29^{\circ}46'$, long. $98^{\circ}03'$. Records available: 1936-50. Jan. 23, 149.22; Apr. 10, 149.13; Aug. 1, 149.32; Dec. 7, 151.03.

291. Oscar Preiss. Lat. $29^{\circ}44'$, long. $98^{\circ}06'$. Records available: 1936, 1938-50. Jan. 23, 54.01; Apr. 10, 54.32; Aug. 1, 54.92; Dec. 7, 55.65.

326. William Schaeffer. Lat. $29^{\circ}38'$, long. $98^{\circ}13'$. Records available: 1934, 1936-50. Jan. 23, 39.77; Apr. 10, 40.35; Aug. 1, 44.15; Dec. 8, 44.91.

336. A. W. Feich. Lat. $29^{\circ}39'$, long. $98^{\circ}11'$. Records available: 1934, 1936-50. Jan. 23, 87.95; Apr. 10, 88.99; Aug. 1, 91.62; Dec. 8, 92.13.

373. L. Jentsch. Lat. $29^{\circ}40'$, long. $98^{\circ}09'$. Records available: 1936-50. Jan. 23, 26.02; Apr. 10, 26.40; Aug. 1, 27.91; Dec. 8, 29.05.

397. D. N. Barnett. Lat. $29^{\circ}37'$, long. $98^{\circ}15'$. Records available: 1937-40, 1944-45, 1948-50. Jan. 23, 191.50; Apr. 10, 192.60; Aug. 1, 197.80; Dec. 8, 193.60.

399. John Karbach. Lat. $29^{\circ}45'$, long. $98^{\circ}06'$. Records available: 1937-50. Jan. 23, 174.00; Aug. 1, 174.84; Dec. 7, 176.24.

430. U. S. Geol. Survey. At Davenport School. Lat. $29^{\circ}37'$, long. $98^{\circ}18'$. Land-surface datum is 851.73 feet above mean sea level. Records available: 1948-50.

430--Continued.

Daily highest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	198.2	198.7	197.7	200.0	199.3	199.8	201.9	203.9	204.9	204.6	205.3	205.1
2	198.1	198.7	197.7	200.0	199.3	199.5	201.6	204.1	204.9	204.6	205.4	205.2
3	198.0	198.7	197.6	199.9	199.4	199.2	201.5	204.3	204.8	204.6	205.4	205.2
4	198.1	198.7	197.6	199.9	199.5	199.0	201.6	204.5	204.7	204.7	205.4	205.0
5	198.2	198.7	197.5	199.9	199.7	198.8	201.7	204.7	204.8	204.8	205.4	205.1
6	198.3	198.6	197.5	199.8	199.8	198.8	201.9	204.8	204.8	204.9	.....	205.2
7	198.4	198.6	197.5	199.8	200.0	198.7	202.2	204.8	204.9	205.0	.....	205.2
8	198.3	198.5	197.7	199.8	200.1	198.8	202.5	205.0	205.1	205.1	.....	205.2
9	198.3	198.5	197.8	199.8	200.3	198.9	202.6	205.1	205.2	.....	.....	205.3
10	198.3	198.5	197.8	199.8	200.5	199.0	202.6	205.2	205.3	.....	.....	205.2
11	198.4	198.4	197.8	200.0	200.5	199.1	202.8	205.3	205.3	.....	.....	205.2
12	198.4	198.3	197.8	199.1	200.2	199.1	203.0	205.4	205.2	.....	.....	205.2
13	198.4	198.2	197.8	199.1	199.9	199.3	203.2	204.9	205.2	.....	.....	205.3
14	198.5	.....	197.8	199.2	199.6	199.5	202.8	204.1	205.4	.....	.....	205.3
15	198.5	.....	197.9	199.1	199.5	199.8	202.6	203.8	205.6	.....	.....	205.4
16	198.5	.....	198.0	199.9	199.5	200.0	202.2	203.7	205.8	.....	.....	205.4
17	198.5	.....	198.1	199.8	199.5	200.1	202.1	203.7	205.5	.....	205.0	205.3
18	198.5	.....	198.2	199.7	199.5	200.2	202.1	203.7	205.2	.....	205.0	205.3
19	198.6	.....	198.3	199.7	199.6	200.2	202.1	203.6	205.1	.....	204.9	205.3
20	198.7	.....	198.4	199.7	199.6	200.4	202.3	203.6	205.0	.....	205.0	205.8
21	198.6	.....	198.5	199.6	199.6	200.7	202.4	203.6	205.1	.....	205.0	205.4
22	198.6	.....	198.6	199.5	199.6	200.8	202.6	203.8	205.1	.....	.....	205.4
23	198.5	.....	198.8	199.5	199.8	200.7	202.6	204.0	205.0	.....	.....	205.3
24	198.6	197.4	199.0	199.3	199.9	200.9	202.7	204.2	204.9	.....	205.0	205.2
25	198.7	197.4	199.1	199.3	200.1	201.0	202.9	204.4	204.7	.....	204.9	205.1
26	198.8	197.5	199.1	199.3	200.1	201.1	203.1	204.5	204.6	.....	204.9	205.0
27	198.8	197.5	199.2	199.3	200.0	201.4	203.3	204.5	204.6	205.3	204.9	205.0
28	198.8	197.6	199.3	199.3	199.8	201.7	203.5	204.5	204.5	205.3	205.0	205.0
29	198.7	.....	199.6	199.4	199.7	201.9	203.7	204.7	204.6	205.3	205.0	205.1
30	198.7	.....	199.8	199.3	199.7	202.1	203.7	204.8	204.7	205.2	205.1	205.2
31	198.7	.....	199.9	.....	199.8	.....	203.8	204.9	.....	205.3	.....	205.2

431. U. S. Geol. Survey. In Landa Park in New Braunfels, lat. 29°42', long. 98°08'. Drilled unused observation well, diameter 7 to 3 inches, depth 230± feet. Land-surface datum is 642.7 feet above mean sea level. Records available: 1948-50.

Daily highest water level, from recorder graph, 1943

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 4	18.36	Nov. 19	18.37	Dec. 4	18.34	Dec. 18	18.30
5	18.36	20	18.37	5	18.34	19	18.39
6	18.39	21	18.37	6	18.36	20	18.39
7	18.41	22	18.37	7	18.37	21	18.39
8	18.41	23	18.36	8	18.38	22	18.30
9	18.41	24	18.36	9	18.37	23	18.39
10	18.43	25	18.32	10	18.39	24	18.39
11	18.43	26	18.32	11	18.39	25	18.40
12	18.43	27	18.32	12	18.39	26	18.31
13	18.41	28	18.34	13	18.39	27	18.39
14	18.39	29	18.32	14	18.40	28	18.39
15	18.39	30	18.32	15	18.30	29	18.39
16	18.39	Dec. 1	18.30	16	18.39	30	18.31
17	18.37	2	18.31	17	18.39	31	18.32
18	18.36	3	18.34				

Daily highest water level, from recorder graph, 1949

Jan.	1	18.41	Jan.	12	18.50	Jan.	23	18.46	Feb.	11	18.52
2	18.41		13	18.50		24	18.47		12	18.51	
3	18.41		14	18.50		25	18.47		13	18.49	
4	18.44		15	18.49		26	18.47		14	18.49	
5	18.44		16	18.49		27	18.46		15	18.52	
6	18.44		17	18.49		28	18.46		16	18.52	
7	18.44		18	18.49		29	18.46		17	18.55	
8	18.46		19	18.47		30	18.46		18	18.54	
9	18.45		20	18.47		31	18.46		19	18.55	
10	18.48		21	18.47		Feb. 1	18.49		20	18.56	
11	18.49		22	18.47		10	18.52		21	18.56	

431--Continued.

Daily highest water level, from recorder graph, 1949

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22	18.55	Apr. 6	18.18	May 16	16.89	July 15	17.31
Mar. 9	18.21	19	18.28	24	16.93	Aug. 25	17.75
21	18.24	20	18.12	June 16	17.11	Sept. 14	17.92
29	18.24						

Daily highest water level, from recorder graph, 1950

Day	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	17.54	17.87	17.84	17.89	18.13	18.35	18.42	18.39	18.59	18.59
2	.....	17.54	17.88	17.82	17.90	18.11	18.38	18.42	18.39	18.61	18.59
3	.....	17.53	17.88	17.83	17.79	18.11	18.42	18.42	18.40	18.60	18.60
4	.....	17.54	17.88	17.84	17.78	18.11	18.44	18.41	18.40	18.61	18.58
5	.....	17.55	17.87	17.86	17.76	18.11	18.47	18.40	18.41	18.60	18.58
6	.....	17.55	17.89	17.88	17.76	18.12	18.46	18.41	18.42	18.60	18.60
7	.....	17.55	17.89	17.89	17.76	18.15	18.47	18.43	18.42	18.59	18.60
8	17.63	17.53	17.90	17.90	17.76	18.17	18.48	18.42	18.42	18.60	18.60
9	17.63	17.53	17.89	17.93	17.76	18.18	.....	18.45	18.43	18.60	18.60
10	17.64	17.51	17.90	17.95	17.76	18.20	.....	18.49	18.44	18.60	18.61
11	17.63	17.51	17.91	17.95	17.76	18.20	.....	18.49	18.46	18.58	18.61
12	17.63	17.51	17.93	17.94	17.76	18.26	18.58	18.48	18.46	18.55	18.62
13	17.63	17.52	17.95	17.91	17.80	18.29	18.54	18.48	18.50	18.57	18.67
14	.....	17.52	17.94	17.90	17.81	18.25	18.46	18.49	18.51	18.55	18.63
15	.....	17.52	17.95	17.86	17.86	18.21	18.41	18.53	18.51	18.55	18.63
16	17.54	17.52	17.93	17.86	17.88	18.18	18.38	18.54	18.52	18.55	18.66
17	17.56	17.57	17.93	17.86	.....	18.16	18.38	18.51	18.52	18.55	18.64
18	17.56	17.58	17.92	17.86	.....	18.16	18.39	18.49	18.54	18.53	18.64
19	17.56	17.59	17.92	17.86	.....	18.16	18.38	18.47	18.55	18.49	18.64
20	17.57	17.59	17.91	17.87	.....	18.18	18.38	18.45	18.54	18.54	18.64
21	17.58	17.62	17.91	17.87	.....	18.20	18.38	18.46	18.54	18.58	18.64
22	17.57	17.64	17.91	17.87	.....	18.21	18.40	18.48	18.53	18.56	18.66
23	17.58	17.67	17.89	17.88	.....	18.22	18.42	18.47	18.54	18.58	18.65
24	17.58	17.70	17.86	17.90	.....	18.24	18.46	18.44	18.54	18.59	18.64
25	17.58	17.73	17.87	17.90	.....	18.24	18.48	18.43	18.55	18.58	18.64
26	17.58	17.73	17.83	17.92	18.05	18.25	18.48	18.41	18.56	18.58	18.62
27	17.57	17.73	17.83	17.91	18.06	18.28	18.51	18.40	18.56	18.56	18.62
28	17.56	17.74	17.83	17.88	18.09	18.31	18.47	18.40	18.59	18.58	18.61
29		17.76	17.85	17.87	18.15	18.32	18.44	18.39	18.58	18.59	18.61
30		17.83	17.85	17.87	18.15	18.33	18.44	18.39	18.58	18.59	18.62
31		17.85		17.87		18.34	18.45		18.59		18.63

Crosby County

1. J. T. Vaughn. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, blk. M, in Cone, lat. 33°47', long. 101°23'. Records available: 1937-40, 1942-44, 1946-50. Feb. 18, 117.95.

2. C. B. Travis. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, blk. M, lat. 33°46', long. 101°23'. Records available: 1937-40, 1942-44, 1947-50. Feb. 19, 111.36.

3. New Home School. NW. corner S. M. Walker survey, lat. 33°44', long. 101°23'. Records available: 1937-41, 1943-50. Feb. 19, 147.12.

3b. B. L. Hodges. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, blk. C, lat. 33°48', long. 101°32'. Records available: 1947-50. Feb. 18, 89.44.

4. J. A. McGlocklen. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 114, GTRR survey, lat. 33°41', long. 101°23'. Records available: 1937-45, 1949-50. Feb. 19, 145.30.

6. Miss D. M. Ralls. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, blk. A-278, lat. 33°40', long. 101°25'. Records available: 1937-40, 1946, 1949. No measurement made in 1950.

7. B. F. Lackey. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 920, blk. C3, lat. 33°40', long. 101°26'. Records available: 1937-50. Feb. 19, 109.77.

9. Dallas Joint Stock Land Bank. SW $\frac{1}{4}$ SW $\frac{1}{4}$ Smyer survey, lat. 33°40', long. 101°31'. Records available: 1937-38, 1942, 1947-50. Feb. 19, 86.37.

11b. Grady Joiner. NW. corner sec. 54, blk. C, lat. $33^{\circ}40'$, long. $101^{\circ}33'$. Records available: 1947-50. Feb. 18, 90.46.

12b. John Joiner. NW. corner NE $\frac{1}{4}$ sec. 36, blk. C, lat. $33^{\circ}45'$, long. $101^{\circ}31'$. Records available: 1947-50. Feb. 18, 108.38.

13a. Floyd Blankenship. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 60, blk. C, lat. $33^{\circ}45'$, long. $101^{\circ}33'$. Records available: 1947-49. No measurement made in 1950.

14. G. W. Carter. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 37, blk. C, lat. $33^{\circ}43'$, long. $101^{\circ}32'$. Records available: 1938, 1949-50. Feb. 18, 91.62.

17a. G. B. Parish. NW. corner NE $\frac{1}{4}$ sec. 10, blk. C, lat. $33^{\circ}46'$, long. $101^{\circ}28'$. Records available: 1947-50. Feb. 18, 110.30.

21a. Lynn Foster. NW. corner SW $\frac{1}{4}$ sec. 5, blk. C, lat. $33^{\circ}46'$, long. $101^{\circ}27'$. Records available: 1947-50. Feb. 18, 106.53.

340. T. M. Scott. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, blk. C3, lat. $33^{\circ}39'$, long. $101^{\circ}29'$. Records available: 1948-49. No measurement made in 1950.

343c. Roy Abell. NW. corner SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 907, blk. CS, lat. $33^{\circ}41'$, long. $101^{\circ}30'$. Records available: 1945, 1947, 1949-50. Feb. 19, 103.30.

412. Mr. Westerman. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1074, blk. C3, lat. $33^{\circ}36'$, long. $101^{\circ}30'$. Records available: 1947-50. Feb. 19, 104.22.

415a. Mrs. Hendricks. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 46, blk. C, lat. $33^{\circ}36'$, long. $101^{\circ}32'$. Records available: 1947-50. Feb. 18, 79.22.

Dawson County

101. F. King. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, blk. 35, T. 6 N, lat. $32^{\circ}45'$, long. $101^{\circ}53'$. Records available: 1938-40, 1944, 1949-50. Feb. 19, 119.87.

613. J. A. E. Gary. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 107, blk. 34, lat. $32^{\circ}55'$, long. $101^{\circ}51'$. Records available: 1937-38, 1944, 1949-50. Feb. 19, 54.13.

706. H. Richardson. SE. corner, sec. 12, blk. 35, lat. $32^{\circ}37'$, long. $101^{\circ}49'$. Records available: 1937-38, 1940, 1943-44, 1949-50. Feb. 20, 79.54.

709. Truett Shipley. SW. corner sec. 47, blk. 35, lat. $32^{\circ}38'$, long. $101^{\circ}51'$. Records available: 1937-40, 1949-50. Feb. 20, 61.49.

715. H. H. Barron. NW. corner SW $\frac{1}{4}$ sec. 21, blk. 35, lat. $32^{\circ}41'$, long. $101^{\circ}54'$. Records available: 1937-38, 1942-44, 1949-50. Feb. 20, 66.54.

Deaf Smith County

113a. Mr. Steffy. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 58, blk. K4, lat. $34^{\circ}59'$, long. $102^{\circ}23'$. Replacement for well 113. Records available: 1948-50. Feb. 14, 105.14.

130. Owner unknown. NE. corner J. M. Burns survey, lat. $35^{\circ}05'$, long. $102^{\circ}16'$. Records available: 1938, 1943-50. Feb. 14, 130.63.

150. I. F. Loving. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 79, blk. K4, lat. $34^{\circ}58'$, long. $102^{\circ}24'$. Records available: 1938-44, 1946-50. Feb. 14, 103.36.

201. W. R. Hastings. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 92, blk. K3, lat. $34^{\circ}55'$, long. $102^{\circ}27'$. Records available: 1937-38, 1948-50. Feb. 14, 105.49.

205. J. L. McGee. NW. corner sec. 50, blk. K3, lat. $34^{\circ}57'$, long. $102^{\circ}22'$. Records available: 1937-38, 1942-46, 1948-50. Feb. 14, 90.83.

207. Charles B. Miles. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, blk. K3, lat. $34^{\circ}55'$, long. $102^{\circ}18'$. Records available: 1936-41, 1943-50. Feb. 17, 61.84.

212. Alfred May. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. 3, lat. $34^{\circ}56'$, long. $102^{\circ}15'$. Records available: 1936-49. No measurement made in 1950.

216. C. C. Stewart. SW. corner SE $\frac{1}{4}$ sec. 14, blk. 3, lat. $34^{\circ}55'$, long. $102^{\circ}12'$. Records available: 1937-47, 1949-50. Feb. 17, 70.92.

217. W. E. Neal. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 21, blk. 3, lat. $34^{\circ}54'$, long. $102^{\circ}11'$. Records available: 1936-50. Feb. 16, 90.10.

219. J. E. Manz. NE. corner $NE\frac{1}{4}NW\frac{1}{4}$ sec. 11, blk. 3, lat. $34^{\circ}57'$, long. $102^{\circ}12'$. Records available: 1937-44, 1946-50. Feb. 17, 80.92.

220. C. T. Wimberly. SW. corner sec. 22, blk. 3, lat. $34^{\circ}54'$, long. $102^{\circ}13'$. Records available: 1937-50. Feb. 16, 95.83.

224. A. T. Fry. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 25, blk. 3 lat. $34^{\circ}53'$, long. $102^{\circ}14'$. Records available: 1937-44, 1946-50. Feb. 16, 59.46.

226. Jack Renfro. NW. corner $NW\frac{1}{4}NE\frac{1}{4}$ sec. 7, blk. K3, lat. $34^{\circ}54'$, long. $102^{\circ}17'$. Records available: 1936, 1938-50. Feb. 17, 60.09.

230. E. C. Reineaur. NW. corner $SW\frac{1}{4}$ sec. 6, blk. K3, lat. $34^{\circ}53'$, long. $102^{\circ}17'$. Records available: 1936-50. Feb. 17, 51.08.

234. H. M. Horton. Sec. 534, excess acreage strip, lat. $34^{\circ}52'$, long. $102^{\circ}16'$. Records available: 1937-47, 1950. Feb. 16, 51.38.

235. Lewis A. Smith. $SW\frac{1}{4}SE\frac{1}{4}$ sec. 5, blk. K3, lat. $34^{\circ}51'$, long. $102^{\circ}17'$. Records available: 1936-50. Feb. 17, 53.81.

236. Ray Kershen. SW. corner sec. 5, blk. K3, lat. $34^{\circ}51'$, long. $102^{\circ}17'$. Records available: 1937-50. Feb. 17, 54.91.

237. Ray Kershen. NW. corner sec. 5, blk. K3, lat. $34^{\circ}52'$, long. $102^{\circ}17'$. Records available: 1934, 1936-50. Feb. 17, 51.49.

241. Frank Wilde. NW. corner sec. 17, blk. K3, lat. $34^{\circ}51'$, long. $102^{\circ}18'$. Records available: 1937-50. Feb. 17, 55.24. ■

245. E. F. Plank. SW. corner $NW\frac{1}{4}NW\frac{1}{4}$ sec. 25, blk. K3, lat. $34^{\circ}52'$, long. $102^{\circ}19'$. Records available: 1934, 1936-50. Feb. 15, 55.01.

247. R. R. Lindsey. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 34, blk. K3, lat. $34^{\circ}54'$, long. $102^{\circ}20'$. Records available: 1937-50. Feb. 15, 28.36.

258. J. R. Davis. SW. corner $NE\frac{1}{4}$ sec. 77, blk. K3, lat. $34^{\circ}51'$, long. $102^{\circ}24'$. Records available: 1936-50. Feb. 15, 67.01.

261. D. L. McDonald. NW. corner $NW\frac{1}{4}SW\frac{1}{4}$ sec. 65, blk. K3, lat. $34^{\circ}52'$, long. $102^{\circ}24'$. Records available: 1914, 1936-50. Feb. 15, 64.23.

265. Reineaur Bros. NW. corner $SE\frac{1}{4}$ sec. 74, blk. K3, lat. $34^{\circ}54'$, long. $102^{\circ}24'$. Records available: 1937-50. Feb. 14, 80.43.

272. J. L. Hoffman. SW. corner $SE\frac{1}{4}SW\frac{1}{4}$ sec. 86, blk. K3, lat. $34^{\circ}53'$, long. $102^{\circ}26'$. Records available: 1936-50. Feb. 14, 81.29.

281. R. A. Freeman. NW. corner sec. 96, blk. K3, lat. $34^{\circ}52'$, long. $102^{\circ}27'$. Records available: 1937-41, 1944-50. Feb. 14, 80.50.

283. J. T. Gilbreath. North line of $NW\frac{1}{4}NE\frac{1}{4}$ sec. 133, blk. M7, lat. $34^{\circ}48'$, long. $102^{\circ}26'$. Records available: 1936-50. Feb. 15, 68.23.

288. Lee Hopson. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 63, blk. K3, lat. $34^{\circ}51'$, long. $102^{\circ}24'$. Records available: 1936-50. Feb. 7, 76.30; Feb. 14, 76.15.

291. Roy T. Slagle. NW. corner sec. 59, blk. K3, lat. $34^{\circ}50'$, long. $102^{\circ}23'$. Records available: 1936-50. Feb. 15, 68.95.

300. Ayres Estate. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 43, blk. K3, lat. $34^{\circ}50'$, long. $102^{\circ}22'$. Records available: 1937-48, 1950. Feb. 15, 56.5.

301. V. C. Hodges. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 43, blk. K 3, lat. $34^{\circ}50'$, long. $102^{\circ}21'$. Records available: 1937-41, 1943, 1945-50. Feb. 15, 51.65.

302. Noel Ewton. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 38, blk. K3, lat. $34^{\circ}50'$, long. $102^{\circ}20'$. Records available: 1936-50. Feb. 7, 54.53; Feb. 15, 54.69.

305. E. L. Adams. NW. corner sec. 100, blk. K3, lat. $34^{\circ}49'$, long. $102^{\circ}27'$. Records available: 1937, 1945-50. Feb. 7, 91.60; Feb. 15, 92.63.

311. H. H. Boardman. $SW\frac{1}{4}SE\frac{1}{4}SW\frac{1}{4}$ sec. 41, blk. K3, lat. $34^{\circ}48'$, long. $102^{\circ}21'$. Records available: 1934, 1936-50. Feb. 15, 53.96.

315. William Woulff. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 67, blk. M7, lat. $34^{\circ}47'$, long. $102^{\circ}20'$. Records available: 1936-50. Feb. 15, 60.38.

322. Dr. G. W. Heard. SW. corner $SE\frac{1}{4}$ sec. 112, blk. M7, lat. $34^{\circ}46'$, long. $102^{\circ}24'$. Records available: 1936-50. Feb. 2, 85.00; Feb. 15, 84.33.

326. Frank J. Knabe. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 114, blk. M7, lat. $34^{\circ}45'$, long. $102^{\circ}25'$. Records available: 1937-41, 1945-49. No measurement made in 1950.

331. Owen Andrews. SW. corner $NW\frac{1}{4}$ sec. 107, blk. M7, lat. $34^{\circ}45'$, long. $102^{\circ}24'$. Records available: 1937-50. Feb. 15, 88.60.

336. George M. Clingan. SW. corner $NE\frac{1}{4}$ sec. 86, blk. M7, lat. $34^{\circ}46'$, long. $102^{\circ}21'$. Records available: 1936-50. Feb. 15, 98.57.

340. Felix Urbanczyk. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 108, blk. M7, lat. $34^{\circ}45'$, long. $102^{\circ}24'$. Records available: 1936-50. Feb. 15, 89.17.

342. Ed. Dziuk. SE. corner $NE\frac{1}{4}SE\frac{1}{4}$ sec. 108, blk. M7, lat. $34^{\circ}46'$, long. $102^{\circ}23'$. Records available: 1937-45, 1947-49. No measurement made in 1950.

394. Paul M. Helmke. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 43, blk. M7, lat. $34^{\circ}46'$, long. $102^{\circ}17'$. Records available: 1945-50. Feb. 15, 81.93.

431. S. J. Barclay. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 152, blk. M7, lat. $34^{\circ}46'$, long. $102^{\circ}27'$. Records available: 1937-50. Feb. 15, 75.53.

486. Mrs. G. S. Parker. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 28, blk. K8, lat. $34^{\circ}51'$, long. $102^{\circ}30'$. Records available: 1937-39, 1941-42, 1944-49. No measurement made in 1950.

502. Carl H. Schroeder. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 50, blk. K8, lat. $34^{\circ}49'$, long. $102^{\circ}32'$. Records available: 1937-50. Feb. 7, 112.00; Feb. 14, 111.66.

506a. Alton Fraser. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 5, Gregg County School Land. Lat. $34^{\circ}38'$, long. $102^{\circ}33'$. Replacement for well 506. Records available: 1948-50. Feb. 14, 86.85.

513a. A. E. Acton. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 174, blk. M7, lat. $34^{\circ}45'$, long. $102^{\circ}30'$. Replacement for well 513. Records available: 1948-49. No measurement made in 1950.

514. Howard Gault. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 173, blk. M7, lat. $34^{\circ}45'$, long. $102^{\circ}30'$. Records available: 1937-39, 1942-50. Feb. 14, 114.57.

919. H. Casad. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 65, blk. M7, lat. $34^{\circ}46'$, long. $102^{\circ}19'$. Records available: 1939, 1941, 1945-50. Feb. 15, 91.37.

924. Ed. Dziuk. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 109, blk. M7, lat. $34^{\circ}46'$, long. $102^{\circ}24'$. Records available: 1942, 1944, 1946-47, 1949-50. Feb. 15, 77.20.

934. L. O. Wilson. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 85, blk. M7, lat. $34^{\circ}45'$, long. $102^{\circ}21'$. Records available: 1945-50. Feb. 15, 100.03.

Dimmit County

M9-9. Mr. Myers. Lat. $28^{\circ}37'$, long. $100^{\circ}00'$. Records available: 1929-39, 1941-43, 1945-49. No measurement made in 1950.

N7-34. Byrd Cattle Co. Lat. $28^{\circ}38'$, long. $99^{\circ}51'$. Records available: 1929-50. Aug. 16, 65.23.

N7-78. C. Schmitt. Lat. $28^{\circ}31'$, long. $99^{\circ}52'$. Records available: 1930-33, 1935-49. Measurement discontinued.

N7-125. A. J. Knaggs. In Carrizo Springs, lat. $28^{\circ}31'$, long. $99^{\circ}51'$. Records available: 1930-32, 1936-49. No measurement made in 1950.

N8-19. E. L. Omera. Lat. $28^{\circ}35'$, long. $99^{\circ}49'$. Records available: 1929-33, 1937-43, 1948-50. Aug. 16, 96.04.

N8-26. G. C. Riha. Lat. 28°34', long. 99°47'. Records available: 1929-41, 1943-46, 1948-50. Aug. 16, 139.96.

N8-28. G. W. Weston. Lat. 28°35', long. 99°47'. Records available: 1929-50. Aug. 16, 139.35.

N8-40. John Stahl. Lat. 28°32', long. 99°49'. Records available: 1929-33, 1935-48. No measurement made in 1950.

N8-103. Marrs McLean. Lat. 28°30', long. 99°41'. Records available: 1929-32, 1935-42, 1946-50. Aug. 15, 85.67.

N9-12. Federal Land Bank. Lat. 28°34', long. 99°35'. Records available: 1929-43, 1948-49. No measurement made in 1950.

N9-16. Boyd Bros. Lat. 28°34', long. 99°32'. Records available: 1929-33, 1935, 1937, 1939, 1942-50. Aug. 15, 109.5.

N9-25. Order of Calenthia. Lat. 28°31', long. 99°37'. Records available: 1929-33, 1935-40, 1942, 1944-46, 1948-50. Aug. 15, 70.25.

N9-32. P. J. Lewis. Lat. 28°31', long. 99°34'. Records available: 1929-33, 1937-41, 1947-49. No measurement made in 1950.

N9-33. P. J. Lewis. Lat. 28°31', long. 99°34'. Records available: 1932, 1936-44, 1946-50. Aug. 15, 53.45.

O7-3. G. W. Hatch. Lat. 28°36', long. 99°26'. Records available: 1929-44, 1946-50. Aug. 15, 125.95.

S1-16. C. W. Gilfillan & Son. Lat. 28°27', long. 99°53'. Records available: 1930-33, 1935-46, 1949. No measurement made in 1950.

S1-18. J. C. Johnson. Lat. 28°22', long. 99°52'. Records available: 1930-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	114.74	June 7	114.74	Sept. 5	115.11	Nov. 2	116.11
Apr. 6	116.32	July 10	115.16	Oct. 3	115.55	Dec. 8	116.37
May 2	115.04	Aug. 3	115.21				

S2-24. G. S. Gay. Lat. 28°27', long. 99°46'. Records available: 1928, 1930-33, 1935-43, 1946-50. Aug. 16, 152.73.

S2-27. J. A. McDonald. Lat. 28°27', long. 99°42'. Records available: 1929-33, 1935-39, 1942-50. Aug. 16, 82.42.

S2-78. Mr. McClaren. Lat. 28°24', long. 99°43'. Records available: 1929-33, 1935-50. Aug. 16, 205.82.

S2-102. J. P. Giles. Lat. 28°22', long. 99°40'. Records available: 1929-33, 1935-50.

Jan. 25	113.90	May 2	115.05	Aug. 3	115.38	Nov. 2	116.50
Mar. 9	114.29	June 7	115.16	Sept. 5	115.35	Dec. 8	116.36
Apr. 6	115.02	July 10	115.18	Oct. 3	115.34		

S3-10. H. H. Coffield. Lat. 28°23', long. 99°33'. Records available: 1929-33, 1936-48. No measurement made in 1950.

S3-16. Catarina Farms Co. Lat. 28°20', long. 99°39'. Records available: 1936-41, 1943, 1945-49. No measurement made in 1950.

S5-3. Catarina Farms Co. Lat. 28°19', long. 99°42'. Records available: 1929-33, 1935-50. Aug. 15, 147.78.

S5-5. Dolph Briscoe. Lat. 28°15', long. 99°48'. Records available: 1929-33, 1936-37, 1939-50. Aug. 15, 86.08.

S5-10. Catarina Farms Co. Lat. 28°17', long. 99°40'. Records available: 1929-33, 1935-39, 1944-50. Aug. 15, 109.91.

S6-4. O. V. Ray. Lat. 28°17', long. 99°40'. Records available: 1928, 1930-33, 1935-50. Aug. 15, 25.7.

T1-5. R. W. Wilson. Lat. $28^{\circ}27'$, long. $99^{\circ}27'$. Records available: 1930-32, 1934, 1936-41, 1943-50. Aug. 15, 38.65.

Duval County

55. L. N. Garcia. Lat. $27^{\circ}45'$, long. $98^{\circ}17'$. Records available: 1931, 1933-41, 1945, 1947-50. Feb. 6, 52.93.

61. Jose M. Sepulveda. Lat. $27^{\circ}48'$, long. $98^{\circ}21'$. Records available: 1933-41, 1943, 1945-49. No measurement made in 1950.

61a. Taylor Refining Co. 120 feet east of oil well number 1, lat. $27^{\circ}48'$, long. $98^{\circ}21'$. Records available: 1947-49. No measurement made in 1950.

69. Juan Peralez. Lat. $27^{\circ}46'$, long. $98^{\circ}23'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 6, 67.07.

70. M. Cantu. Lat. $27^{\circ}46'$, long. $98^{\circ}23'$. Records available: 1931, 1933-34, 1936-41, 1948-50. Feb. 6, 47.53.

71. Helena de Pena. Lat. $27^{\circ}46'$, long. $98^{\circ}24'$. Records available: 1931, 1933-41, 1943, 1945, 1947-50. Feb. 6, 39.23.

73. Severo Ranjel. Lat. $27^{\circ}47'$, long. $98^{\circ}25'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 6, 35.67.

143. Celidonio Ruiz. In Benavides, lat. $27^{\circ}35'$, long. $98^{\circ}24'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 6, 33.84.

144. Pete Coronado. In Benavides, lat. $27^{\circ}35'$, long. $98^{\circ}24'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 6, 34.28.

157. Francisco Vaello. Lat. $27^{\circ}34'$, long. $98^{\circ}26'$. Records available: 1933-41, 1945, 1948-50. Feb. 7, 89.67.

158. Marco Gomez. Lat. $27^{\circ}34'$, long. $98^{\circ}25'$. Records available: 1933-41, 1943, 1945, 1947-49. No measurement made in 1950.

173. Ismael Garcia Estate. Lat. $27^{\circ}35'$, long. $98^{\circ}22'$. Records available: 1933-41, 1943, 1945, 1948-50. Feb. 6, 49.95.

175. Mrs. Tom Cavanaugh. Lat. $27^{\circ}35'$, long. $98^{\circ}23'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 7, 45.31.

183. Lazaro Vela. Lat. $27^{\circ}39'$, long. $98^{\circ}16'$. Records available: 1931, 1933-34, 1936-41, 1943, 1945, 1947-50. Feb. 6, 59.41.

184. Eusebio Alanis. Lat. $27^{\circ}39'$, long. $98^{\circ}16'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 6, 41.88.

185. Cervando Saenz. Lat. $27^{\circ}37'$, long. $98^{\circ}17'$. Records available: 1931, 1933-41, 1943, 1945, 1947-50. Feb. 6, 34.50.

187. Ranchita Anjerlina. Lat. $27^{\circ}36'$, long. $98^{\circ}14'$. Records available: 1931, 1933-35, 1937-41, 1943, 1945, 1948-50. Feb. 6, 44.78.

188. Encarnacion Pena. Lat. $27^{\circ}36'$, long. $98^{\circ}17'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 6, 75.72.

189. Pedro Lopez. At San Jose, lat. $27^{\circ}34'$, long. $98^{\circ}18'$. Records available: 1931, 1933-41, 1943, 1945, 1947-50. Feb. 6, 62.03.

190. Margarita Lopez. About 0.5 mile south of San Jose, lat. $27^{\circ}34'$, long. $98^{\circ}18'$. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 6, 43.73.

201. Maria Villareal de Saenz. Lat. $27^{\circ}25'$, long. $98^{\circ}16'$. Records available: 1931, 1933-41, 1943, 1945-49. No measurement made in 1950.

203. N. E. Martinez. In Santa Cruz, lat. $27^{\circ}24'$, long. $98^{\circ}16'$. Records available: 1933-41, 1943, 1945-59. No measurement made in 1950.

204. Hilario Saenz. Lat. $27^{\circ}23'$, long. $98^{\circ}16'$. Records available: 1931-41, 1943, 1943, 1945-50. Feb. 4, 81.11.

211. J. Perez. Lat. 27°34', long. 98°21'. Records available: 1931, 1933-41, 1943, 1947-50. Feb. 4, 40.89.

230. San Antonio Loan & Trust Co. Lat. 27°23', long. 98°31'. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 4, 58.43.

240. Gus Minges. Lat. 27°27', long. 98°30'. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 7, 94.07.

271. J. Mann. Lat. 27°22', long. 98°28'. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 7, 85.52.

276. Hermann Dammier. Lat. 27°18', long. 98°30'. Records available: 1931, 1933-41, 1943, 1945, 1947-50. Feb. 7, 42.74.

289. Adolfo Garcia. Lat. 27°20', long. 98°24'. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 7, 45.64.

290. Andalias Garcia. Lat. 27°19', long. 98°24'. Records available: 1931, 1933-38, 1940-41, 1945, 1947-50. Feb. 7, 49.72.

291a. Trinity Gas Corp. Lat. 27°18', long. 98°24'. Records available: 1947-50. Feb. 7, 50.08.

292. Rafael Flores. Lat. 27°18', long. 98°25'. Records available: 1931, 1933-41, 1947-50. Feb. 7, 34.63.

297. San Antonio Loan & Trust Co. Lat. 27°17', long. 98°20'. Records available: 1931, 1933-41, 1943, 1945, 1947-50. Feb. 7, 54.13.

301. Virginia Garcia. Lat. 27°19', long. 98°20'. Records available: 1931, 1933-41, 1943, 1945, 1947-50. Feb. 4, 66.80.

302. Rafael Garcia. Lat. 27°20', long. 98°20'. Records available: 1933-41, 1943, 1945, 1947-50. Feb. 4, 35.72.

304. Rafael Garcia. Lat. 27°20', long. 98°20'. Records available: 1931, 1933-41, 1943, 1945, 1947-50. Feb. 4, 59.00.

315. Ruben Schultz. Lat. 27°18', long. 98°16'. Records available: 1932-39, 1941, 1943, 1945-50. Feb. 4, 49.71.

319. San Antonio Loan & Trust Co. Lat. 27°19', long. 98°15'. Records available: 1931, 1933-39, 1941, 1943, 1945-50. Feb. 4, 52.68.

322. Santona Hinojosa. About 0.75 mile east of La Copita, lat. 27°16', long. 98°17'. Records available: 1932-41, 1943, 1945-50. Feb. 4, 40.70.

322a. Santona Hinojosa. Lat. 27°16', long. 98°17'. Records available: 1947-49. No measurement made in 1950.

El Paso County

Measurements discontinued in wells 8, 9, 10, 18, 19, and 21.

30a. City of El Paso well 14. At San Antonio and Walnut Sts., lat. 31°46', long. 106°27'. Records available: 1937-48, 1950. Oct. 26, 28.66.

32a. City of El Paso well 17. At San Antonio and Tornillo Sts., lat. 31°45', long. 106°28'. Records available: 1939-48, 1950. Apr. 27, 35.55; Oct. 26, 31.23.

42. City of El Paso well 9. At Luna and Pera Sts., lat. 31°46', long. 106°27'. Records available: 1934-48, 1950. Apr. 27, 34.43; Oct. 26, 28.85.

48a. City of El Paso well 18. In Hadlock addition, lat. 31°46', long. 106°26'. Records available: 1940-50. Feb. 10, 37.80; Apr. 27, 35.81; Oct. 26, 29.68; Oct. 31, 28.42; Nov. 22, 26.85.

48b. City of El Paso test well 33. Near Franklin Canal, lat. 31°45', long. 106°25'. Land-surface datum is 3,696.37 feet above msl. Records available: 1940-50.

48b--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20	24.53	Apr. 22	25.33	July 21	25.36	Oct. 20	22.72
Feb. 20	27.54	May 18	25.61	Aug. 18	28.32	Nov. 21	19.75
Mar. 21	30.27	June 20	29.86	Sept. 18	25.61	Dec. 22	18.20

49. City of El Paso well 4. In Montana well field, lat. 31°46', long. 106°26'. Records available: 1935, 1937-50. Oct. 26, 74.52.

50. City of El Paso well 1. In Montana well field, lat. 31°46', long. 106°26'. Records available: 1935, 1937-38, 1950. June 21, 103.82; Aug. 18, 103.29; Sept. 18, 101.29; Oct. 26, 94.31; Nov. 24, 91.51.

52. City of El Paso well 3. In Montana well field, lat. 31°46', long. 106°25'. Records available: 1935-50. Oct. 26, 111.99; Oct. 31, 110.95; Nov. 22, 108.92.

53. Loretta College. At Clifton and Reynolds Sts., lat. 31°47', long. 106°26'. Records available: 1935-50. June 22, 150.62; Sept. 19, 146.25; Oct. 27, 137.67; Nov. 15, 134.81.

55. The Texas Co. 0.6 mile northeast of Ascarate, lat. 31°45', long. 106°24'. Records available: 1935-49. No measurement made in 1950.

59. Phelps-Dodge Refining Corp. well 1. Near Southern Pacific Railway at North Loop road, lat. 31°45', long. 106°23'. Records available: 1935-36, 1940-45, 1947. Measurement discontinued.

64. City of El Paso and U. S. Geol. Survey test well 1. On Carlsbad Highway, 3.1 miles east of city limits, lat. 31°47', long. 106°23'. Records available: 1937-50.

Jan. 20	268.15	Apr. 22	267.99	July 21	268.42	Oct. 20	268.57
Feb. 20	267.96	May 18	268.15	Aug. 18	268.54	Nov. 21	268.56
Mar. 21	268.09	June 20	268.06	Sept. 18	268.71	Dec. 22	268.44

67b. Texas & New Orleans Railway Co. well 3. Near south entrance to Fort Bliss, lat. 31°47', long. 106°26'. Records available: 1938-39, 1941-45, 1947. Measurement discontinued.

72. U. S. Dept. of the Army, Fort Bliss well 2. Lat. 31°48', long. 106°25'. Records available: 1935-45, 1947-48, 1950. Feb. 3, 225.73.

75b. City of El Paso test well 10. 0.6 mile south of Wilson road and 0.6 mile west of airport road, lat. 31°49', long. 106°24'. Records available: 1938-50.

Jan. 20	219.00	Apr. 22	220.36	July 21	222.69	Oct. 20	220.43
Feb. 20	218.61	May 18	220.49	Aug. 18	221.96	Nov. 21	219.78
Mar. 21	219.56	June 20	221.08	Sept. 18	221.04	Dec. 22	219.75

76. City of El Paso and U. S. Geol. Survey test well 2. Near southeast corner of Biggs Field, lat. 31°49', long. 106°23'. Records available: 1936-50.

Jan. 20	250.98	Apr. 22	251.90	July 21	252.98	Oct. 20	249.90
Feb. 20	251.09	May 18	252.24	Aug. 18	251.18	Nov. 21	248.77
Mar. 21	251.56	June 20	252.89	Sept. 18	250.68	Dec. 22	247.98

77. City of El Paso well 12. In Mesa well field, lat. 31°49', long. 106°24'. Records available: 1935-50. Jan. 23, 220.90; June 16, 231.75.

78c. City of El Paso test well 4. 1 mile north of city well 11, lat. 31°50', long. 106°25'. Records available: 1937-50. Jan. 23, 199.41; Feb. 20, 199.60; May 19, 199.91; June 21, 200.10; Sept. 18, 200.34; Oct. 27, 200.19; Nov. 22, 200.26.

112. City of El Paso old Mesa well 32. In Mesa well field, lat. 31°49', long. 106°25'. Records available: 1941-50. July 7, 1949, 220.09; June 19, 1950, 219.58.

128c. City of El Paso well 23. 2.5 miles north of Mesa well field, lat. 31°51', long. 106°25'. Records available: 1939-50.

Jan. 23	204.42	Apr. 22	204.73	July 20	205.05	Oct. 27	205.19
Feb. 20	204.57	June 19	204.85	Sept. 18	205.31	Nov. 22	205.21

136. City of El Paso and U. S. Geol. Survey test well 3. Lat. 31°54', long. 106°24'. Records available: 1936-50.

Jan. 20	248.84	Apr. 22	248.92	July 21	249.09	Oct. 20	249.21
Feb. 20	248.88	May 18	248.97	Aug. 18	249.18	Nov. 21	249.20
Mar. 21	248.88	June 20	249.00	Sept. 18	249.15	Dec. 22	249.28

139a. City of El Paso test well 29. Lat. $31^{\circ}57'$, long. $106^{\circ}25'$. Records available: 1940-45, 1947-50. Jan. 23, 337.98; June 21, 338.24.

143a. City of El Paso test well 30. Lat. $31^{\circ}59'$, long. $106^{\circ}25'$. Records available: 1940-45, 1947-50. Jan. 23, 318.41; June 21, 318.33.

Floyd County

5. M. C. Scheele. SW. corner sec. 127, blk. D2, lat. $34^{\circ}16'$, long. $101^{\circ}31'$. Records available: 1936-50. Feb. 18, 59.84.

14. Herman R. King. $SW\frac{1}{4}SW\frac{1}{4}SE\frac{1}{4}$ sec. 5, blk. C9, lat. $34^{\circ}16'$, long. $101^{\circ}27'$. Records available: 1936-38, 1940-50. Feb. 16, 66.85.

20. Tom McGehee. $SE\frac{1}{4}NE\frac{1}{4}SW\frac{1}{4}$ sec. 26, blk. B4, lat. $34^{\circ}17'$, long. $101^{\circ}25'$. Records available: 1947-50. Feb. 20, 91.17.

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. $101^{\circ}25'$. Records available: 1947-50. Feb. 20, 91.68.

32. Frank Whitfill. $NW\frac{1}{4}NW\frac{1}{4}NE\frac{1}{4}$ sec. 12, blk. C9, lat. $34^{\circ}15'$, long. $101^{\circ}24'$. Records available: 1937-43, 1945-50. Feb. 17, 99.43

42. D. Jackson. NW. corner $SW\frac{1}{4}$ sec. 14, blk. C9, lat. $34^{\circ}14'$, long. $101^{\circ}26'$. Records available: 1947-50. Feb. 16, 81.90.

53. Ben Quebe. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 99, blk. D2, lat. $34^{\circ}13'$, long. $101^{\circ}32'$. Records available: 1937, 1940, 1947-50. Feb. 17, 62.51.

55. Ben Quebe. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 89, blk. D2, lat. $34^{\circ}13'$, long. $101^{\circ}31'$. Records available: 1937, 1940, 1947-50. Feb. 18, 70.74.

56. Ben Quebe. SE. corner $SW\frac{1}{4}$ sec. 100, blk. D2, lat. $34^{\circ}13'$, long. $101^{\circ}31'$. Records available: 1940, 1947-50. Feb. 17, 67.38.

57. T. L. Wilhite. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 87, blk. D2, lat. $34^{\circ}13'$, long. $101^{\circ}29'$. Records available: 1936-50. Feb. 15, 77.18.

106. M. W. Alford. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 65, blk. D2, lat. $34^{\circ}11'$, long. $101^{\circ}31'$. Records available: 1934, 1937-46, 1948-50. Feb. 17, 78.52.

108. Ivan Thompson. NW. corner $SE\frac{1}{4}$ sec. 65, D2, lat. $34^{\circ}11'$, long. $101^{\circ}31'$. Records available: 1938-50. Feb. 18, 78.65.

110. Ivan Thompson. SE. corner $SW\frac{1}{4}$ sec. 65, blk. D2, lat. $34^{\circ}10'$, long. $101^{\circ}31'$. Records available: 1937, 1947-50. Feb. 18, 75.31.

111. Texas Land & Development Co. $SW\frac{1}{4}SW\frac{1}{4}SW\frac{1}{4}$ sec. 65, blk. D2, lat. $34^{\circ}11'$, long. $101^{\circ}32'$. Records available: 1914, 1936-50. Feb. 18, 74.20.

112. C. R. Roach. $NW\frac{1}{4}NW\frac{1}{4}NW\frac{1}{4}$ sec. 12, blk. D5, lat. $34^{\circ}10'$, long. $101^{\circ}32'$. Records available: 1914, 1936-45, 1947-50. Feb. 18, 74.07.

120. Francis Carthel. NW. corner sec. 1, blk. D5, lat. $34^{\circ}10'$, long. $101^{\circ}28'$. Records available: 1937-50. Feb. 17, 92.85.

138. John Carthel. $NE\frac{1}{4}SW\frac{1}{4}$ sec. 49, blk. D2, lat. $34^{\circ}09'$, long. $101^{\circ}27'$. Records available: 1947-49. No measurement made in 1950.

139. L. R. Collis. SE. corner sec. 2, blk. D5, lat. $34^{\circ}09'$, long. $101^{\circ}28'$. Records available: 1914, 1934, 1937-38, 1942-50. Feb. 18, 105.36.

140. C. Williams. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 2, blk. D5, lat. $34^{\circ}09'$, long. $101^{\circ}28'$. Records available: 1914, 1938-50. Feb. 15, 96.04.

143. Plainview-Lockney Farms. $SE\frac{1}{4}NW\frac{1}{4}SW\frac{1}{4}$ sec. 8, blk. D5, lat. $34^{\circ}09'$, long. $101^{\circ}30'$. Records available: 1914, 1936-47, 1949-50. Feb. 15, 95.00.

150. Mollie S. Gholson. NW. corner sec. 14, blk. D5, lat. $34^{\circ}09'$, long. $101^{\circ}33'$. Records available: 1936-48. Measurement discontinued.

153. J. C. Thomas & Sons. SW. corner $NW\frac{1}{4}$ sec. 15, blk. D5, lat. $34^{\circ}08'$, long. $101^{\circ}33'$. Records available: 1914, 1936-46, 1948-49. Mar. 18, 1949, 73.90. No measurement made in 1950.

157. Texas Land & Development Co. NW. corner sec. 10, blk. D5, lat. 34°09', long. 101°32'. Records available: 1934, 1937-50. Feb. 15, 80. 81.

161. Texas Land & Development Co. SW. corner NE $\frac{1}{4}$ sec. 10, blk. D5, lat. 34°08', long. 101°31'. Records available: 1914, 1936-50. Feb. 15, 95. 29.

185. Joe Anderson. Center west line sec. 64, blk. D2 lat. 34°11', long. 101°31'. Records available: 1945, 1947-50. Feb. 15, 81. 43.

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'. Records available: 1947-49. No measurement made in 1950.

216. Billie Staniforth. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 82, blk. Gm, lat. 34°12', long. 101°15'. Records available: 1939, 1947-50. Feb. 15, 193. 40.

263. Ewald Quebe. Lat. 34°13', long. 101°30'. Records available: 1947-50. Feb. 15, 83. 78.

264. H. F. Quebe. Lat. 34°14', long. 101°31'. Records available: 1947-50. Feb. 17, 64. 31.

265. G. B. Johnston. Lat. 34°14', long. 101°25'. Records available: 1947-50. Feb. 17, 86. 80.

326. W. C. Simms. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 68, blk. 1, lat. 33°59', long. 101°17'. Records available: 1937, 1939-43, 1945-50. Feb. 17, 149. 34.

409. A. V. and J. H. Campbell. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, blk. M, lat. 34°06', long. 101°31'. Records available: 1914, 1936-43, 1945-50. Feb. 17, 84. 53.

410a. W. C. McGrede. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 44, blk. D6, lat. 34°07', long. 101°32'. Records available: 1948-49. No measurement made in 1950.

414. Mrs. Harriet B. Robbins. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 46, blk. D6, lat. 34°08', long. 101°30'. Records available: 1914, 1938-45, 1949-50. Feb. 17, 100. 48.

416. J. R. Belt, Jr. NW. corner NE $\frac{1}{4}$ sec. 46, blk. D6, lat. 34°07', long. 101°30'. Records available: 1938-50. Feb. 18, 103. 67.

420. Walter Gloyna. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 47, blk. D6, lat. 34°07', long. 101°29'. Records available: 1947-50. Feb. 18, 111. 17.

421. J. R. Belt, Jr. NW. corner sec. 48, blk. D6, lat. 34°07', long. 101°29'. Records available: 1914, 1934, 1936-50. Feb. 18, 102. 56.

423. Judson Jones. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 48, blk. D6, lat. 34°07', long. 101°29'. Records available: 1947-50. Feb. 18, 93. 63.

428a. W. L. Thomas Estate. NW. corner F. Griggs survey, lat. 34°05', long. 101°29'. Records available: 1949-50. Feb. 17, 84. 90.

435. W. M. Summerlin. Center of L. C. Reed survey, at crossing of Burlington & Santa Fe Railways, in southwest part of Lockney, lat. 34°06', long. 101°27'. Records available: 1947-50. Feb. 18, 102. 20.

437. Lockney Oil Mill Co. On north side of Panhandle & Santa Fe Railway, lat. 34°06', long. 101°25'. Records available: 1937-49. Measurement discontinued.

441. Federal Land Bank. NW. corner sec. 50, blk. D3, lat. 34°08', long. 101°24'. Records available: 1937-49. Measurement discontinued.

442. Solon Clements. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 51, blk. D3, lat. 34°07', long. 101°24'. Records available: 1937-46, 1948-50. Feb. 6, 38. 92; Mar. 2, 38. 98; Apr. 7, 36. 70.

448. Buck Sams. NW. corner sec. 74, blk. G, lat. 34°06', long. 101°26'. Records available: 1940, 1947-50. Feb. 18, 89. 49.

451. Buck Sams. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 82, blk. G, lat. 34°06', long. 101°28'. Records available: 1937, 1947-49. Measurement discontinued.

459. Texas Land & Development Co. SW. corner M. Y. Price survey. Lat. 34°04', long. 101°30'. Records available: 1934, 1937-50. Feb. 17, 81. 33.

463. San Moore. NW. corner sec. 14, blk. N, lat. $34^{\circ}05'$, long. $101^{\circ}32'$. Records available: 1934, 1937-49. No measurement made in 1950.
467. C. J. Barnard. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, blk. N, lat. $34^{\circ}03'$, long. $101^{\circ}33'$. Records available: 1937-49. No measurement made in 1950.
472. Texas Land & Development Co. NW. corner J. K. Andrews survey, lat. $34^{\circ}04'$, long. $101^{\circ}30'$. Records available: 1938-50. Feb. 17, 80.34.
478. T. B. Mitchell. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 57, blk. G, lat. $34^{\circ}03'$, long. $101^{\circ}28'$. Records available: 1947-50. Feb. 18, 93.29.
486. Mrs. M. E. Morris. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 53, blk. 0, lat. $34^{\circ}03'$, long. $101^{\circ}23'$. Records available: 1937-50. Feb. 19, 37.92.
493. Henry Schacht. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 48, blk. D6, lat. $34^{\circ}07'$, long. $101^{\circ}29'$. Records available: 1945, 1947-49. No measurement made in 1950.
496. L. Ferguson. NW. corner L. C. Moore Homestead sec. 48, blk. D2, lat. $34^{\circ}08'$, long. $101^{\circ}27'$. Records available: 1947-50. Feb. 15, 113.44.
510. W. R. Crow. North end of J. R. Powell survey, lat. $34^{\circ}01'$, long. $101^{\circ}30'$. Records available: 1937-49. No measurement made in 1950.
511. T. B. Mitchell. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 48, blk. G, lat. $34^{\circ}02'$, long. $101^{\circ}28'$. Records available: 1937, 1947-49. No measurement made in 1950.
519. J. L. Faulkner. NE. corner SW $\frac{1}{4}$ sec. 44, blk. G, lat. $33^{\circ}59'$, long. $101^{\circ}27'$. Records available: 1936-50. Feb. 18, 60.21.
523. C. F. Harris. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 41, blk. G, lat. $34^{\circ}02'$, long. $101^{\circ}26'$. Records available: 1939-49. No measurement made in 1950.
525. W. Fry. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 52, blk. G, lat. $34^{\circ}02'$, long. $101^{\circ}24'$. Records available: 1937-50. Feb. 18, 49.23.
529. Panhandle & Santa Fe Railway. SW. corner SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 63, blk. 1, lat. $34^{\circ}00'$, long. $101^{\circ}20'$. Records available: 1937-40, 1942-50. Feb. 17, 110.10.
542. R. B. Gary. SW. corner sec. 8, blk. K, lat. $33^{\circ}56'$, long. $101^{\circ}31'$. Records available: 1939, 1947-50. Feb. 17, 80.81.
546. L. A. Williams. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, blk. K, lat. $33^{\circ}56'$, long. $101^{\circ}33'$. Records available: 1937, 1947-49. No measurement made in 1950.
562. H. W. Carver. NW $\frac{1}{4}$ J. A. H. survey, lat. $33^{\circ}52'$, long. $101^{\circ}21'$. Records available: 1937, 1939-43, 1945-46, 1948-50. Feb. 17, 141.50.
630. L. Ferguson. SW. corner sec. 58, blk. D2, lat. $34^{\circ}11'$, long. $101^{\circ}25'$. Records available: 1947-50. Feb. 18, 112.89.
652. Buck Sams. NW. corner SW $\frac{1}{4}$ sec. 72, blk. G, lat. $34^{\circ}05'$, long. $101^{\circ}28'$. Records available: 1947-50. Feb. 17, 86.46.
663. Chester Mitchell. NW. corner SW $\frac{1}{4}$ sec. 56, blk. G, lat. $34^{\circ}03'$, long. $101^{\circ}27'$. Records available: 1947-50. Feb. 18, 91.98.
704. Lee. Trice. NW. corner sec. 14, blk. G2, lat. $33^{\circ}58'$, long. $101^{\circ}23'$. Records available: 1945, 1947-49. No measurement made in 1950.
726. Wesley Carr. SE. corner NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, blk. K, lat. $33^{\circ}54'$, long. $101^{\circ}33'$. Records available: 1945, 1947-50. Feb. 17, 82.69.
727. T. B. Mitchell. Lat. $34^{\circ}03'$, long. $101^{\circ}28'$. Records available: 1947-49. No measurement made in 1950.
728. R. C. Mitchell. Lat. $34^{\circ}02'$, long. $101^{\circ}27'$. Records available: 1947-50. Feb. 18, 90.75.
729. Floyd Trowbridge. Lat. $33^{\circ}55'$, long. $101^{\circ}32'$. Records available: 1947-49. No measurement made in 1950.
730. Raymond Williams. Lat. $33^{\circ}57'$, long. $101^{\circ}22'$. Records available: 1947-50. Feb. 18, 134.73.

Fort Bend County

7. C. C. Cardiff well 1. Lat. $29^{\circ}44'$, long. $95^{\circ}50'$. Records available: 1931, 1933, 1939-50. Mar. 13, 66.93; Nov. 16, 74.34.
11. P. V. Cook well 3. Lat. $29^{\circ}45'$, long. $95^{\circ}50'$. Records available: 1932-33, 1939-50. Mar. 13, 65.14; Nov. 16, 68.89.
15. P. V. Cook well 1. Lat. $29^{\circ}44'$, long. $95^{\circ}51'$. Records available: 1931-33, 1939-50. Mar. 13, 69.94; Nov. 16, 73.38.
17. Mrs. H. L. Gordon. Lat. $29^{\circ}42'$, long. $95^{\circ}49'$. Records available: 1940-50. Mar. 13, 62.74; Nov. 16, 68.73.
20. L. Pauli. Lat. $29^{\circ}42'$, long. $95^{\circ}47'$. Records available: 1931, 1933, 1939-50. Mar. 13, 50.35; Nov. 16, 58.44.
21. L. Pauli. Lat. $29^{\circ}41'$, long. $95^{\circ}48'$. Records available: 1931-33, 1939-50. Mar. 13, 53.29; Nov. 16, 60.37.
26. C. Pillot well 1. Lat. $29^{\circ}41'$, long. $95^{\circ}41'$. Records available: 1939-50. Mar. 13, 42.46; Nov. 16, 52.26.
29. C. Pillot well 2. Lat. $29^{\circ}41'$, long. $95^{\circ}44'$. Records available: 1940-46, 1948-50. Mar. 13, 42.46; Nov. 17, 51.62.
30. B. Ray Woods well 2. Lat. $29^{\circ}44'$, long. $95^{\circ}55'$. Records available: 1940-50. Mar. 13, 70.66; Nov. 22, 73.63.
33. Earl McMillian. Lat. $29^{\circ}45'$, long. $95^{\circ}52'$. Records available: 1939-50. Mar. 15, 68.43; Nov. 16, 72.17.
75. Gulf Pipe Line Co. Lat. $29^{\circ}34'$, long. $95^{\circ}27'$. Records available: 1938-50. Feb. 17, 93.51; June 12, 93.90; Sept. 27, 102.64; Dec. 15, 101.52.
77. Ansel & Brinkman. Lat. $29^{\circ}36'$, long. $95^{\circ}28'$. Records available: 1945-50. Feb. 17, 77.18; Dec. 15, 85.42.
- A-2. Southern Pacific Lines. At Simonton, lat. $29^{\circ}40'$, long. $95^{\circ}58'$. Records available: 1947-50. Jan. 31, 29.11; Sept. 5, 31.11.
- B-26. M. A. McDonald. Lat. $29^{\circ}41'$, long. $95^{\circ}48'$. Records available: 1947-50. Jan. 27, 56.36; Sept. 5, 76.77.
- B-30. Mr. Settegast. Lat. $29^{\circ}41'$, long. $95^{\circ}46'$. Records available: 1941-42, 1948-50. Sept. 5, 78.70.
- D-15. Humble Oil & Refining Co. Lat. $29^{\circ}31'$, long. $95^{\circ}28'$. Records available: 1947-50. Jan. 25, 64.82; Sept. 7, 69.14.
- D-16. Julia Tague. Lat. $29^{\circ}30'$, long. $95^{\circ}27'$. Records available: 1947-50. Jan. 25, 42.34; Sept. 7, 43.71.
- D-22. Humble Oil & Refining Co. Lat. $29^{\circ}32'$, long. $95^{\circ}34'$. Records available: 1947-50. Jan. 25, 55.33; Sept. 7, 59.20.
- E-2. A. E. Myers. In Booth, lat. $29^{\circ}31'$, long. $95^{\circ}39'$. Records available: 1944, 1947-50. Jan. 27, 49.19; Sept. 6, 52.34.
- E-3. A. E. Myers. In Booth, lat. $29^{\circ}31'$, long. $95^{\circ}39'$. Records available: 1947-50. Jan. 27, 34.58; Sept. 6, 35.75.
- E-9. Humble Oil & Refining Co. Lat. $29^{\circ}33'$, long. $95^{\circ}36'$. Records available: 1947-50. Jan. 25, 47.72; Sept. 7, 52.14.
- E-10. Humble Oil & Refining Co. Lat. $29^{\circ}36'$, long. $95^{\circ}36'$. Records available: 1947-50. Jan. 25, 52.17; Sept. 7, 57.40.
- E-11. Humble Oil & Refining Co. Lat. $29^{\circ}33'$, long. $95^{\circ}35'$. Records available: 1947-50. Jan. 25, 54.50; Sept. 7, 59.50.
- E-21. Texas Prison System, Central State Farm 2. Lat. $29^{\circ}36'$, long. $95^{\circ}39'$. Records available: 1930, 1947-50. Jan. 27, 41.30.

E-22. Texas Prison System, Central State Farm 2. Lat. 29°36', long. 95°39'. Records available: 1945, 1947-50. Jan. 27, 43.57; Sept. 7, 47.43

F-37. Cockburn Oil Co. On K. Kzierzanowski lease, lat. 29°31', long. 95°51'. Records available: 1947-50. Jan. 31, 40.37; Sept. 8, 43.77.

F-48. W. L. Ansel well 1. Lat. 29°35', long. 95°54'. Records available: 1947-48, 1950. Jan. 31, 47.70.

F-50. W. L. Ansel well 2. Lat. 29°36', long. 95°54'. Records available: 1947-50. Jan. 31, 49.53; Sept. 5, 51.62.

G-25. Gulf Oil Corp. On J. M. Moore lease, lat. 29°33', long. 95°56'. Records available: 1947, 1949-50. Jan. 31, 32.45; Sept. 5, 33.85.

H-16. Jack Wendt well 1. Lat. 29°25', long. 95°56'. Records available: 1947-50. Jan. 31, 26.21; Sept. 8, 30.89.

I-15. Gulf Oil Corp. On T. W. Davis lease, lat. 29°28', long. 95°45'. Records available: 1947-50. Jan. 30, 13.10; Sept. 8, 13.59.

I-16. Gulf Oil Corp. On T. W. Davis lease, lat. 29°28', long. 95°45'. Records available: 1947-50. Jan. 30, 15.51; Sept. 8, 15.60.

I-22. Walter Gless. Lat. 29°25', long. 95°45'. Records available: 1947-48, 1950. Jan. 30, 24.75.

I-24. C. A. Danklefs well 1. Lat. 29°22', long. 95°45'. Records available: 1948-50. Jan. 30, 23.86.

I-25. C. A. Danklefs well 2. Lat. 29°22', long. 95°45'. Records available: 1944, 1948-50. Jan. 30, 23.16; Sept. 8, 46.34.

I-35. W. L. Goldston. On E. C. Farmer lease, lat. 29°21', long. 95°50'. Records available: 1947-49. Measurement discontinued.

J-5. Humble Oil & Refining Co. Lat. 29°29', long. 95°39'. Records available: 1947-49. Measurement discontinued.

J-9. Cecil Hagen. On Wolters lease, lat. 29°28', long. 95°35'. Records available: 1947-50. Jan. 27, 18.54; Sept. 6, 19.26.

K-2. The Texas Co. On Wolters lease, lat. 29°28', long. 95°34'. Records available: 1940, 1947-50. Jan. 27, 31.28; Sept. 6, 33.10.

K-3. Houston Oilfield Equipment Co. Lat. 29°28', long. 95°34'. Records available: 1947-50. Jan. 27, 21.87; Sept. 6, 22.86.

L-3. Owner unknown. Lat. 29°18', long. 95°39'. Records available: 1947, 1949-50. Jan. 30, 22.45; Sept. 6, 24.75.

Gaines County

2. Carrol Cobb. SW $\frac{1}{4}$ sec. 20, blk. A21, P. S. L., lat. 32°36', long. 102°38'. Records available: 1937-38, 1940-41, 1943, 1949-50. Feb. 18, 54.93.

6a. Owner unknown. NW $\frac{1}{4}$ sec. 160, blk. G, lat. 32°40', long. 102°36'. Records available: 1938-40, 1943, 1949-50. Feb. 18, 41.73.

Galveston County

11. A. A. Davis. In Friendswood, lat. 29°31', long. 95°12'. Records available: 1939-42, 1948-50. Nov. 7, 110.45.

16. Cecil Brown. In Friendswood, lat. 29°31', long. 95°12'. Records available: 1939-41, 1943-44, 1947-50. May 8, 104.79; Nov. 7, 110.88.

17. Old Friendswood School. In Friendswood, lat. 29°31', long. 95°11'. Records available: 1941-42, 1944-50. May 2, 104.18; Nov. 7, 110.79.

28. Galveston, Houston & Henderson Railroad. In League City, lat. 29°30', long. 95°05'. Records available: 1931-33, 1935, 1939-50. May 2, 94.50; Nov. 7, 98.97.

29. Emil Schenk. In League City, lat. $29^{\circ}30'$, long. $95^{\circ}05'$. Records available: 1939, 1941-42, 1944-50. May 2, 94.58; Nov. 7, 99.09.
42. J. Freund. In Kemah, lat. $29^{\circ}32'$, long. $95^{\circ}00'$. Records available: 1939-50. May 2, 71.70; Nov. 8, 74.95.
60. Dr. C. A. Davis. Lat. $29^{\circ}32'$, long. $95^{\circ}09'$. Records available: 1939, 1941-42, 1944-50. May 2, 94.88; Nov. 8, 110.65.
81. J. M. West. Lat. $29^{\circ}29'$, long. $95^{\circ}10'$. Records available: 1931, 1939, 1941, 1944-50. May 2, 103.99; Nov. 7, 107.63.
82. Missouri Pacific Railroad Co. In Algoa, lat. $29^{\circ}03'$, long. $95^{\circ}10'$. Records available: 1939, 1941, 1944-50. May 5, 108.32.
89. P. V. Leavenworth. Lat. $29^{\circ}29'$, long. $95^{\circ}08'$. Records available: 1941-42, 1944-50. May 2, 87.85; Nov. 7, 91.71.
115. J. W. Palmer. Lat. $29^{\circ}26'$, long. $95^{\circ}01'$. Records available: 1932-33, 1935-50. May 3, 72.32; Nov. 9, 74.47.
130. Dr. Patton. Lat. $29^{\circ}28'$, long. $95^{\circ}05'$. Records available: 1939, 1941, 1945-50. May 2, 81.08; Nov. 8, 81.13.
162. D. C. Richards. Lat. $29^{\circ}29'$, long. $94^{\circ}56'$. Records available: 1941-42, 1944-50. May 3, 81.22; Nov. 9, 80.00.
195. Pan-American Production Co. Lat. $29^{\circ}24'$, long. $94^{\circ}58'$. Records available: 1939, 1941-50. May 4, 94.61; Nov. 9, 92.49.
205. Galveston, Houston & Henderson Railroad. At La Marque, lat. $29^{\circ}22'$, long. $94^{\circ}58'$. Records available: 1931, 1939, 1941-50. May 4, 78.67; Nov. 9, 77.54.
233. Monsanto Chemical Co. In Texas City, lat. $29^{\circ}22'$, long. $94^{\circ}53'$. Records available: 1939, 1941, 1943-49. No measurement made in 1950.
243. Stone Oil Co. In Texas City, lat. $29^{\circ}22'$, long. $94^{\circ}54'$. Records available: 1939-42, 1944, 1946-50. May 4, 127.55; Nov. 14, 121.25.
244. Stone Oil Co. In Texas City, lat. $29^{\circ}22'$, long. $94^{\circ}54'$. Records available: 1939-50. May 4, 133.10; Nov. 14, 139.70.
396. Sun Oil Co. and Houston Farms and Development Co. Lat. $29^{\circ}16'$, long. $95^{\circ}01'$. Drilled stock well, diameter 7 to 5 inches, screens at 804-827 and 873-923 feet. Records available: 1939, 1941-42, 1948-49. No measurement made in 1950.
351. R. S. Wesmorland. Lat. $29^{\circ}20'$, long. $94^{\circ}59'$. Records available: 1939, 1941, 1944-50. May 5, 78.87; Nov. 13, 80.79.
382. Maco Stewart. Lat. $29^{\circ}20'$, long. $94^{\circ}57'$. Records available: 1939, 1941-50. May 5, 71.39; Nov. 13, 70.00.
392. Sun Oil Co. and J. D. Hughes. Lat. $29^{\circ}16'$, long. $95^{\circ}03'$. Records available: 1944-50. May 5, 54.47; Nov. 8, 56.06.
475. H. W. Thompson. Lat. $29^{\circ}31'$, long. $95^{\circ}05'$. Records available: 1939, 1941, 1944-50. May 2, 91.10; Nov. 7, 95.69.
482. Mrs. Anna Varnell. In League City, lat. $29^{\circ}30'$, long. $95^{\circ}05'$. Records available: 1939, 1941, 1944-50. May 2, 94.42; Nov. 7, 98.96.
566. Stanolind Oil & Gas Co. Lat. $29^{\circ}27'$, long. $95^{\circ}00'$. Records available: 1939, 1941-42, 1944-50. May 3, 79.00; Nov. 9, 84.37.
570. C. L. Dobbins. Lat. $29^{\circ}27'$, long. $95^{\circ}01'$. Records available: 1941, 1944-50. May 3, 78.88; Nov. 9, 80.75.
604. Maco Stewart and Humble Oil & Refining Co. Lat. $29^{\circ}27'$, long. $95^{\circ}00'$. Records available: 1941-42, 1944-50. May 3, 85.08.
678. City of Galveston well 17-N. In old Alta Loma well field, near Alta Loma, lat. $29^{\circ}22'$, long. $95^{\circ}04'$. Records available: 1893-94, 1907, 1911, 1913, 1939, 1941-50. May 5, 100.68; Nov. 13, 95.68.

688. City of Galveston test well 1. In Alta Loma, lat. 29°22', long. 95°04'. Records available: 1941-50. May 5, 103.08; Nov. 13, 99.52.

689. City of Galveston test well 2. Lat. 29°23', long. 95°06'. Records available: 1941-50.

Daily highest water level from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	106.0	105.5	105.3	104.9	105.4	105.8	106.5	.....	106.7	106.0	106.6
2	.....	106.0	105.5	105.1	104.9	105.4	105.9	106.5	.....	106.6	106.1	106.6
3	.....	106.0	105.4	105.1	104.9	105.4	105.9	106.5	.....	106.7	106.1	106.6
4	.....	106.0	105.4	105.1	104.9	105.4	105.9	106.5	.....	106.6	106.1	106.6
5	.....	106.0	105.4	105.2	104.9	105.4	105.9	106.5	.....	106.6	106.2	106.6
6	.....	105.9	105.4	105.3	104.9	105.4	106.0	106.5	.....	106.6	106.2	106.7
7	.....	105.9	105.3	105.2	104.9	105.4	106.0	106.6	.....	106.5	106.2	106.6
8	.....	105.9	105.3	105.2	105.0	105.5	106.0	106.6	.....	106.5	106.2	106.6
9	106.38	105.9	105.4	105.2	105.0	105.5	106.0	106.6	.....	106.5	106.2	106.6
10	106.3	105.9	105.3	105.2	105.0	105.5	106.0	106.6	.....	106.4	106.3	106.6
11	106.3	105.7	105.3	105.2	105.1	105.5	106.0	.....	.....	106.4	106.4	106.6
12	106.3	105.6	105.3	105.3	105.1	105.5	106.1	.....	.....	106.4	106.4	106.6
13	106.3	105.6	105.3	105.3	105.0	105.5	106.1	.....	106.8	106.3	106.4	106.6
14	106.3	105.7	105.4	105.3	105.0	105.6	106.2	.....	106.8	106.3	106.4	106.6
15	106.3	105.7	105.3	105.3	105.0	105.6	106.1	.....	106.8	106.3	106.4	106.6
16	106.3	105.7	105.3	105.2	105.0	105.6	106.1	.....	106.8	106.3	106.5	106.6
17	106.3	105.7	105.3	105.1	105.1	105.7	106.2	.....	106.8	106.2	106.5	106.6
18	106.2	105.7	105.3	105.2	105.1	105.6	106.2	.....	106.8	106.1	106.5	106.6
19	106.2	105.6	105.3	105.2	105.1	105.7	106.3	.....	106.8	106.1	106.5	106.6
20	105.3	105.6	105.3	105.2	105.1	105.7	106.3	.....	.....	106.1	106.5	106.6
21	106.2	105.5	105.3	105.2	105.1	105.7	106.3	.....	.....	106.1	106.6	106.4
22	106.1	105.5	105.3	105.2	105.2	105.7	106.4	.....	.....	106.1	106.6	106.5
23	106.1	105.5	105.3	105.2	105.2	105.8	106.4	.....	.....	106.1	106.7	106.5
24	106.1	105.5	105.3	105.0	105.2	105.8	106.4	.....	.....	106.1	106.7	106.5
25	106.1	105.5	105.3	105.1	105.2	105.8	106.4	106.7	106.7	106.1	106.7	106.4
26	106.1	105.5	105.2	105.1	105.3	105.8	106.5	106.7	106.7	106.1	106.7	106.4
27	106.1	105.5	105.1	105.1	105.3	105.9	106.5	106.7	106.6	106.0	106.7	106.4
28	106.0	105.5	105.2	105.0	105.3	105.9	106.5	.....	106.6	106.0	106.7	106.4
29	106.0		105.2	105.0	105.3	105.8	106.5	.....	106.6	106.0	106.6	106.3
30	106.0		105.4	105.0	105.3	105.8	106.5	.....	106.7	106.0	106.6	106.3
31	106.0		105.3		105.4		106.5	.....	.....	106.0		106.2

691. City of Galveston test well 3-A. In Hitchcock, lat. 29°20', long. 95°01'. Records available: 1941-50. May 5, 74.10; Nov. 13, 74.75.

699. Pure Oil Co. Lat. 29°25', long. 95°00'. Records available: 1941-42, 1944-50. May 3, 93.15; Nov. 9, 92.36.

700. Chester Eignus. Lat. 29°31', long. 95°12'. Records available: 1941-42, 1944-50. May 2, 103.48; Nov. 7, 109.94.

708. Phillips Petroleum Co. Lat. 29°27', long. 95°06'. Records available: 1941-42, 1944-50. May 2, 60.41; Nov. 8, 50.65.

709. Phillips Petroleum Co. Lat. 29°08', long. 95°07'. Records available: 1941-42, 1944-50. Nov. 8, 82.68.

710. Stanolind Oil & Gas Co. Lat. 29°19', long. 95°11'. Records available: 1941, 1943-50. May 5, 78.09; Nov. 8, 79.59.

711. Stanolind Oil & Gas Co. Lat. 29°19', long. 95°06'. Records available: 1941-42, 1944-50. May 5, 27.74; Nov. 8, 28.44.

787. City of Galveston test well 8-11. Lat. 29°25', long. 95°08'. Records available: 1942-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	103.28	Apr. 24	102.49	July 21	103.23	Oct. 23	103.15
Feb. 24	102.83	May 25	102.75	Aug. 25	104.59	Nov. 24	105.47
Mar. 27	102.58	June 26	103.33	Sept. 25	104.93	Dec. 21	105.20

Guadalupe County

316. Alvin Fresinhahn. 400 feet north of U. S. Highway 81. 0.1 mile east of Guadalupe-Bexar County line, lat. $29^{\circ}35'$, long. $98^{\circ}18'$. Records available: 1933, 1937-50. Feb. 1, 115.92; Apr. 10, 118.84.

Hale County

15. S. C. Hutchinson. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 4, blk. S1, lat. $34^{\circ}15'$, long. $101^{\circ}56'$. Records available: 1941-50. Feb. 18, 66.15.

17a. L. W. Guthrie. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 8, blk. S1, lat. $34^{\circ}15'$, long. $101^{\circ}57'$. Records available: 1942-44, 1946, 1948-49. No measurement made in 1950.

36. G. D. Lewellen. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 18, blk. 06, lat. $34^{\circ}12'$, long. $101^{\circ}58'$. Records available: 1936-38; 1941-50. Feb. 18, 87.59.

68. Tom Bostic. East side of $SE\frac{1}{4}$ sec. 23, blk. S1, lat. $34^{\circ}15'$, long. $102^{\circ}01'$. Records available: 1939, 1947-49. No measurement made in 1950.

70. Tom Bostic. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 12, blk. S1, lat. $34^{\circ}18'$, long. $102^{\circ}00'$. Records available: 1947-49. No measurement made in 1950.

81. S. E. Curry. 650 feet east of NW. corner sec. 51, blk. K, lat. $34^{\circ}14'$, long. $101^{\circ}56'$. Records available: 1945-50. Feb. 18, 68.11.

86. R. V. Craig. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 12, blk. 06, lat. $34^{\circ}13'$, long. $101^{\circ}58'$. Records available: 1947-50. Feb. 18, 87.42.

93. R. A. McAlister. $NW\frac{1}{4}SW\frac{1}{4}NW\frac{1}{4}$ sec. 8, blk. 06, lat. $34^{\circ}14'$, long. $101^{\circ}59'$. Records available: 1947-50. Feb. 18, 93.27.

103. Carl Meyer. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 8, blk. C4, lat. $34^{\circ}17'$, long. $101^{\circ}53'$. Records available: 1936-50. Feb. 18, 55.31.

104. W. A. Painter. Center $SE\frac{1}{4}$ sec. 31, blk. S1, lat. $34^{\circ}16'$, long. $101^{\circ}52'$. Records available: 1947-49. Feb. 18, 60.38.

105. Texas Land & Development Co. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 27, blk. S1, lat. $34^{\circ}15'$, long. $101^{\circ}51'$. Records available: 1937-46, 1948-50. Feb. 18, 63.05.

123. J. Smith. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 24, blk. JK, lat. $34^{\circ}13'$, long. $101^{\circ}53'$. Records available: 1914, 1936-50. Feb. 15, 73.01.

124b. Lester James. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 4, blk. JK4, lat. $34^{\circ}11'$, long. $101^{\circ}52'$. Records available: 1942-49. No measurement made in 1950.

125. E. E. Clark. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 1, blk. JK4, lat. $34^{\circ}11'$, long. $101^{\circ}55'$. Records available: 1937-43, 1945-50. Feb. 17, 92.15.

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. $101^{\circ}52'$. Records available: 1947-49. No measurement made in 1950.

154. W. H. Smith. SW corner $SE\frac{1}{4}$ sec. 22, blk. JK, lat. $34^{\circ}12'$, long. $101^{\circ}55'$. Records available: 1947-49. No measurement made in 1950.

163. S. E. Curry. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 4, blk. JK, lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Records available: 1943-47, 1949-50. Feb. 18, 65.24.

164. S. E. Curry. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 4, blk. JK, lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Records available: 1940, 1943-50. Feb. 18, 66.62.

165. A. B. Tarwater. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 4, blk. JK, lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Records available: 1939, 1943-50. Feb. 15, 67.09.

202. Texas Land & Development Co. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 20, blk. C3, lat. $34^{\circ}19'$, long. $101^{\circ}46'$. Records available: 1934, 1936-50. Feb. 14, 80.18.

206. Texas Land & Development Co. Just east of Richard William survey, lat. $34^{\circ}19'$, long. $101^{\circ}44'$. Records available: 1936-49. No measurement made in 1950.

208. Texas Land & Development Co. $SW\frac{1}{4}$ J. P. Lattimore survey, lat. $34^{\circ}19'$, long. $101^{\circ}43'$. Records available: 1936-43, 1945-50. Feb. 14, 77.96.

210. Dr. M. Howell. NE $\frac{1}{4}$ D. R. McVicker survey, lat. 34°19', long. 101°43'. Records available: 1936-50. Feb. 14, 78.32.
212. Ray Smith. West center of C. R. McVicker strip, west of sec. 55, blk. M14, lat. 34°19', long. 101°42'. Records available: 1938-50. Feb. 14, 74.25.
219. J. C. Pace. NW corner SE $\frac{1}{4}$ sec. 4, blk. JK3, lat. 34°17', long. 101°45'. Records available: 1947-50. Feb. 14, 78.63.
220. W. M. Toliver. Formerly Texas Land & Development Co. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, blk. JK3, lat. 34°16', long. 101°44'. Records available: 1934, 1936-45, 1947-50. Feb. 14 71.02.
225. M. L. Monroe. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, blk. C3, lat. 34°17', long. 101°46'. Records available: 1947-49. No measurement made in 1950.
233. R. Carter. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, blk. JK3, lat. 34°14', long. 101°45'. Records available: 1914, 1936-41, 1943-50. Feb. 14, 79.80.
238. Dr. McKinley Howell. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, blk. JK3, lat. 34°14', long. 101°44'. Records available: 1914, 1936-50. Feb. 14, 65.30.
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'. Records available: 1937, 1947-49. No measurement made in 1950.
246. J. C. Sherman. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 34, blk. JK2, lat. 34°12', long. 101°43'. Records available: 1936-49. Measurement discontinued.
255. C. H. Slaton. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, blk. JK2, lat. 34°11', long. 101°47'. Records available: 1914, 1937-49. No measurement made in 1950.
259. C. J. Ebeling. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, blk. JK2, lat. 34°11', long. 101°49'. Records available: 1914, 1936-49. No measurement made in 1950.
305. T. H. Ringwald. On strip land, 0.55 mile east of SW. corner of sec. 54, blk. M14, lat. 34°19', long. 101°41'. Records available: 1937-50. Feb. 14, 84.40.
307. B. F. Whitfield. Formerly Texas Land & Development Co. On strip land, 0.3 mile east of SW. corner of sec. 53, blk. M14, lat. 34°19', long. 101°40'. Records available: 1934, 1936-50. Feb. 14, 81.20.
316. Homer Rook. NE $\frac{1}{4}$ S. D. Lemaster survey, lat. 34°18', long. 101°40'. Records available: 1936-50. Feb. 14, 65.67.
- 317a. Henry Duncan. NE $\frac{1}{4}$ J. F. Owens survey, lat. 34°18', long. 101°40'. Records available: 1948-50. Feb. 14, 65.46.
323. P. I. Williams. North side NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 131, blk. D2, lat. 34°16', long. 101°35'. Records available: 1947-50. Feb. 14, 76.10.
- 330a. E. H. Cox. NE $\frac{1}{4}$ J. M. Martin survey, lat. 34°14', long. 101°39'. Records available: 1948-50. Feb. 14, 62.82.
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'. Records available: 1947-50. Feb. 14, 63.40.
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'. Records available: 1947-50. Feb. 14, 68.55.
338. Dr. J. H. Stewart. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 110, blk. D2, lat. 34°14', long. 101°34'. Records available: 1914, 1936-50. Feb. 14, 59.20.
357. G. D. Lewellen. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, blk. D6, lat. 34°11', long. 101°38'. Records available: 1937-49. No measurement made in 1950.
367. B. R. Bassell. NW $\frac{1}{4}$ J. Pendley survey, lat. 34°13', long. 101°39'. Records available: 1947-49. No measurement made in 1950.
370. D. A. Reading. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, blk. D4, lat. 34°13', long. 101°40'. Records available: 1936-50. Feb. 13, 59.19.
373. R. C. Palmer. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, blk. D4, lat. 34°13', long. 101°40'. Records available: 1947-49. No measurement made in 1950.

402. N. R. Johnson. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 40, blk. JK2, lat. 34°11', long. 101°42'. Records available: 1937-50. Feb. 20, 41.23.

422. Mrs. J. B. Long. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 20, blk. D5, lat. 34°09', long. 101°35'. Records available: 1937-45, 1947-48. No measurement made in 1950.

427. C. M. Smith. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, blk. D5, lat. 34°09', long. 101°34'. Records available: 1914, 1936-50. Feb. 18, 66.87.

428. C. M. Smith. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, blk. D5, lat. 34°09', long. 101°34'. Records available: 1936-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 6	67.15	Apr. 30	72.10	July 31	70.73	Oct. 31	71.70
28	73.02	May 31	73.15	Aug. 31	76.40	Nov. 30	71.30
Mar. 31	71.32	June 30	72.90	Sept. 30	72.05		

433a. Lizzie B. Morris. SW. corner on west 186 acres in sec. 37, blk. D6, lat. 34°07', long. 101°35'. Records available: 1938-50. Feb. 16, 37.63.

435. H. O. Thompson. SW. corner NE $\frac{1}{4}$ sec. 35, blk. D6, lat. 34°07', long. 101°36'. Records available: 1937-45, 1947-49. No measurement made in 1950.

436. I. B. Rankin. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, blk. D6, lat. 34°07', long. 101°37'. Records available: 1936-50. Feb. 16, 73.84.

449. G. A. Benefield. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. D7, lat. 34°06', long. 101°43'. Records available: 1936-50. Feb. 16, 69.54.

454. B. F. Smith. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, blk. N, lat. 34°06', long. 101°33'. Records available: 1914, 1936-41, 1943-50. Feb. 16, 79.80.

462. R. E. Keniston. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, blk. N, lat. 34°05', long. 101°34'. Records available: 1914, 1936-49. No measurement made in 1950.

463. R. E. Keniston. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, blk. N, lat. 34°05', long. 101°34'. Records available: 1914, 1937-50. Feb. 16, 61.46.

467. M. E. Courtney. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, blk. N, lat. 34°05', long. 101°37'. Records available: 1937-50. Feb. 16, 44.60.

470. N. H. Neer. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, blk. D7, lat. 34°03', long. 101°39'. Records available: 1936-50. Feb. 16, 35.53.

497. S. E. Curry. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, blk. D5, lat. 34°09', long. 101°36'. Records available: 1945-50. Feb. 19, 60.87.

539a. Fred Rastetter. SE. corner sec. 29, blk. A, lat. 34°05', long. 101°48'. Records available: 1949-50. Feb. 16, 72.68.

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'. Records available: 1947-50. Feb. 16, 62.96.

547. O. C. McClain. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 40, blk. A1, lat. 34°07', long. 101°44'. Records available: 1936-48. Measurement discontinued.

552. H. S. Dunaway. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, blk. A, lat. 34°03', long. 101°46'. Records available: 1914, 1934, 1936-49. No measurement made in 1950.

553. B. Jacobs. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, blk. A1, lat. 34°03', long. 101°46'. Records available: 1914, 1934, 1936-50. Feb. 20, 62.45.

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'. Records available: 1947-50. Feb. 16, 67.96.

564. T. F. Mounts. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 20, blk. A1, lat. 34°04', long. 101°48'. Records available: 1937-50. Feb. 16, 66.89.

567. J. B. Maxey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, blk. A1, lat. 34°04', long. 101°49'. Records available: 1936-48. Measurement discontinued.

569. O. C. Sanders. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, blk. A1, lat. 34°02', long. 101°49'. Records available: 1914, 1936-50. Feb. 16, 61.86.

617. J. E. Laney. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, blk. JD, lat. 34°07', long. 101°54'. Records available: 1937, 1947-50. Feb. 18, 62.65.

623. Sunshine School. SW. corner sec. 6, blk. 02, lat. 34°06', long. 102°03'. Records available: 1937-38, 1949. Measurement discontinued.

641. B. A. Dalton. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, blk. 02, lat. 34°10', long. 102°04'. Records available: 1947-50. Feb. 17, 76.90.

661. J. W. Ewen. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, blk. JK4, lat. 34°08', long. 101°54'. Records available: 1947-50. Feb. 18, 76.84.

714. W. E. Burnett. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 30, blk. A3, lat. 33°59', long. 101°58'. Records available: 1947-50. Feb. 18, 85.71.

720b. P. R. Caraway. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, lat. 33°54', long. 102°04'. Records available: 1938-39, 1941, 1943, 1946, 1948. No measurement made in 1950.

724. Mrs. H. D. Johnson. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, Sabine County School land, lat. 33°54', long. 101°59'. Records available: 1937-41, 1944, 1947-49. No measurement made in 1950.

798. W. E. Burnett. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 30, blk. A3, lat. 33°59', long. 101°57'. Records available: 1947-50. Feb. 18, 86.00.

816. A. M. Eason. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, blk. R, lat. 33°58', long. 101°43'. Records available: 1936-50. Feb. 19, 58.53.

828. John Bowling. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, blk. A4, lat. 33°59', long. 101°51'. Records available: 1937-50. Feb. 19, 79.70.

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'. Records available: 1947-50. Feb. 19, 81.25.

837. F. L. Hunzicker. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 54, blk. A4, lat. 33°57', long. 101°46'. Records available: 1936-50. Feb. 19, 63.76.

840. Debb McLaughlin. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, blk. R, lat. 34°56', long. 101°41'. Records available: 1937-43, 1945-50. Feb. 19, 64.95.

848. Mrs. J. E. Cheney. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 75, blk. A4, lat. 33°53', long. 101°51'. Records available: 1937-42, 1948-50. Feb. 18, 98.72.

852. Abernathy Cemetery. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. D, blk. X, lat. 33°50', long. 101°51'. Records available: 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3	120.86	Apr. 20	121.54	June 30	121.82	Oct. 16	122.62
28	121.06	May 1	121.32	Aug. 7	122.12	Nov. 10	122.70
7	121.16	June 1	121.57	Sept. 1	122.10	Dec. 4	122.75

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'. Records available: 1937-50. Feb. 18, 87.22.

906. Floyd Reagan. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 59, blk. R, lat. 34°01', long. 101°36'. Records available: 1936-50. Feb. 18, 44.58.

923. D. C. Bayley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, blk. R, lat. 34°01', long. 101°41'. Records available: 1937-50. Feb. 18, 54.21.

936. B. E. Porter. NW $\frac{1}{4}$ NW $\frac{1}{4}$ C. K. Andrews survey, east of sec. 38, blk. R, lat. 33°58', long. 101°37'. Records available: 1936-49. Measurement discontinued.

956. J. W. Heard. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, blk. R, lat. 33°57', long. 101°41'. Records available: 1937-50. Feb. 19, 71.57.

958. Luther Bain. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. R, lat. 33°56', long. 101°41'. Records available: 1936-50. Feb. 19, 66.24.

971. L. S. Claitor. NW. corner sec. 15, blk. CL, lat. 33°54', long. 101°36'. Records available: 1938-50. Feb. 18, 69.85.

1231. S. Simpson. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, blk. JK2, lat. 34°13', long. 101°43'. Records available: 1947-49. No measurement made in 1950.

1336. S. E. Curry. NW. corner John Kisor homestead, lat. $34^{\circ}12'$, long. $101^{\circ}42'$. Records available: 1945-47, 1949. No measurement made in 1950.

1403. Ralph Walker. SW. corner F. Bradford survey, lat. $34^{\circ}09'$, long. $101^{\circ}41'$. Records available: 1947-50. Feb. 16, 61.08.

1417. Ralph Walker. SW. corner L. G. Hoffman survey, lat. $34^{\circ}08'$, long. $101^{\circ}42'$. Records available: 1947-49. No measurement made in 1950.

1430. A. H. Schrock. $NW\frac{1}{4}NE\frac{1}{4}NW\frac{1}{4}$ sec. 15, blk. D7, lat. $34^{\circ}05'$, long. $101^{\circ}39'$. Records available: 1945, 1947-50. Feb. 16, 51.95.

1433. C. C. Castleberry. $NW\frac{1}{4}NW\frac{1}{4}SW\frac{1}{4}$ sec. 31, blk. D6, lat. $34^{\circ}07'$, long. $101^{\circ}38'$. Records available: 1947-50. Feb. 16, 63.75.

1436. H. O. Thompson. NW. corner sec. 34, blk. D6, lat. $39^{\circ}07'$, long. $101^{\circ}37'$. Records available: 1947-50. Feb. 16, 70.70.

1437. H. O. Thompson. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 34, blk. D6, lat. $34^{\circ}07'$, long. $101^{\circ}37'$. Records available: 1944, 1947-50. Feb. 16, 70.33.

1529. R. O. Burnett. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 20, blk. D7, lat. $34^{\circ}04'$, long. $101^{\circ}43'$. Records available: 1947-49. No measurement made in 1950.

1604. J. E. Laney. 3 miles east of NE. corner sec. 8, blk. JD, lat. $34^{\circ}06'$, long. $101^{\circ}52'$. Records available: 1947-49. No measurement made in 1950.

1609. W. P. Shannon. $SE\frac{1}{4}$ sec. 21, blk. A2, lat. $34^{\circ}04'$, long. $101^{\circ}52'$. Records available: 1947-50. Feb. 16, 73.30.

1921. J. V. Newton. $SW\frac{1}{4}NW\frac{1}{4}$ sec. 16, blk. CL, lat. $33^{\circ}53'$, long. $101^{\circ}36'$. Records available: 1947-49. No measurement made in 1950.

Harris County

6a. C. H. Burton. At east edge of Waller, lat. $30^{\circ}03'$, long. $95^{\circ}55'$. Records available: 1931-35, 1939-50. Feb. 27, 6.58; June 16, 5.59; Sept. 28, 10.88; Dec. 18, 13.44.

11. H. J. Moore. Lat. $30^{\circ}02'$, long. $95^{\circ}53'$. Records available: 1931-33, 1936-50. Feb. 23, 44.13; June 16, 44.30; Sept. 28, 45.49; Dec. 18, 47.00.

14. J. A. Hafner. Lat. $30^{\circ}03'$, long. $95^{\circ}53'$. Records available: 1931-34, 1936-50. Feb. 27, 61.30; June 16, 65.45; Sept. 28, 79.05; Dec. 14, 66.76.

31. R. L. Burton. Lat. $30^{\circ}02'$, long. $95^{\circ}51'$. Records available: 1931-33, 1935-36, 1938-50. Feb. 23, 50.93; June 16, 66.95; Sept. 28, 82.09; Dec. 18, 58.37.

33. W. G. Neeley. In Hockley, lat. $30^{\circ}01'$, long. $95^{\circ}50'$. Records available: 1931-50. Feb. 23, 19.00; June 15, 26.12; Sept. 28, 39.21; Dec. 18, 39.29.

35. Dr. A. N. Boyd. Lat. $30^{\circ}01'$, long. $95^{\circ}49'$. Records available: 1931-50. Feb. 23, 27.07; June 15, 24.22; Sept. 28, 29.78; Dec. 18, 31.48.

40. Ira Southard. Near Hockley, lat. $30^{\circ}01'$, long. $95^{\circ}50'$. Records available: 1940-50. Mar. 15, 60.75; Nov. 22, 64.18.

69. W. F. Klenk. Lat. $30^{\circ}03'$, long. $95^{\circ}29'$. Records available: 1944-50. Feb. 15, 22.58; June 21, 22.22; Sept. 22, 24.63; Dec. 11, 26.19.

70. E. W. Klenk. Lat. $30^{\circ}03'$, long. $95^{\circ}29'$. Records available: 1938, 1944-50. Feb. 15, 24.41; June 21, 23.33; Sept. 22, 25.13; Dec. 11, 26.00.

95. H. C. Middlestead. Lat. $30^{\circ}03'$, long. $95^{\circ}25'$. Records available: 1931-36, 1939-50. Feb. 15, 6.80; June 21, 12.38; Sept. 22, 19.20; Dec. 11, 21.56.

97. H. C. Middlestead. Lat. $30^{\circ}03'$, long. $95^{\circ}26'$. Records available: 1931-36, 1938-44, 1946-50. Feb. 15, 2.29; June 21, 5.91; Sept. 22, 9.75.

98. John Jones. Lat. $30^{\circ}00'$, long. $95^{\circ}28'$. Records available: 1943-50. Feb. 14, 30.76.

100. D. D. Mintz. Lat. $30^{\circ}00'$, long. $95^{\circ}27'$. Records available: 1944-50. Feb. 15, 36.83; June 21, 35.45; Sept. 22, 36.86; Dec. 11, 37.94.

104. George Glameyer. Lat. 30°01', long. 95°25'. Records available: 1931, 1938-50. Feb. 15, 9.83; June 21, 11.88; Sept. 22, 17.22; Dec. 11, 18.95.

108. R. L. Glazner. Lat. 30°01', long. 95°26'. Records available: 1943-50. June 21, 39.14; Sept. 22, 43.36; Dec. 11, 42.75.

134. Ira Southard well 1. Lat. 29°54', long. 95°49'. Records available: 1931, 1939-50. Mar. 14, 59.34.

134a. Ira Southard well 3. Lat. 29°54', long. 95°49'. Records available: 1939, 1941-42, 1947-50. Mar. 14, 60.64; Nov. 22, 62.77.

136. Jess Freeman well 1. Lat. 29°52', long. 95°48'. Records available: 1931, 1933, 1939-50. Mar. 14, 61.25; Nov. 20, 65.81.

139. Oscar Kemp well 1. Lat. 29°53', long. 95°47'. Records available: 1931-33, 1939-50. Mar. 14, 58.97; Nov. 20, 66.50.

140. Oscar Kemp well 2. Lat. 29°53', long. 95°47'. Records available: 1939-50. Mar. 14, 59.04; Nov. 20, 67.24.

157. H. J. Longenbaugh well 2. Lat. 29°55', long. 95°47'. Records available: 1940-44, 1946, 1948-50. Mar. 15, 41.94; Nov. 22, 48.10.

167. E. C. Smith. Lat. 29°58', long. 95°43'. Records available: 1931-36, 1938-50. Feb. 23, 16.30; June 15, 19.00; Sept. 28, 26.68; Dec. 18, 22.83.

169a. Ben Pugh. Lat. 29°59', long. 95°45'. Records available: 1938-50. Mar. 15, 13.91; Nov. 22, 20.32.

171. E. H. Juergen. In Cypress, lat. 29°58', long. 95°41'. Records available: 1931-50. Feb. 23, 13.09; June 15, 12.80; Sept. 28, 13.60; Dec. 18, 14.54.

178. K. P. Black. Lat. 29°55', long. 95°38'. Records available: 1931-33, 1935-36, 1939-50. Feb. 27, 1.48; June 15, 3.24; Sept. 28, 9.41; Dec. 18, 11.59.

182. Joel Schmidt. Lat. 29°54', long. 95°41'. Records available: 1939, 1941-50. Nov. 20, 41.56.

186. T. B. Tucker well 3. Lat. 29°53', long. 95°44'. Records available: 1931, 1939-50. Mar. 14, 37.16; Nov. 17, 45.28.

196. Humble Pipe Line Co. Lat. 29°54', long. 95°37'. Records available: 1940, 1948-50. Feb. 23, 32.62; June 15, 35.08; Sept. 28, 49.80; Dec. 18, 41.26.

211. Amerada-Stanolind. Lat. 29°54', long. 95°35'. Records available: 1946-50. Feb. 20, 51.84; June 15, 56.08; Sept. 28, 63.52; Dec. 18, 59.63.

221. S. Terpstra. Lat. 29°56', long. 95°31'. Records available: 1938-50. Feb. 20, 52.35; June 20, 53.31.

225. Trinity & Brazos Valley Railway Co. Lat. 29°55', long. 95°31'. Records available: 1938-50. Feb. 14, 70.48; June 20, 71.29; Sept. 26, 83.51; Dec. 11, 79.02.

226. W. A. Fraser. Lat. 29°55', long. 95°34'. Records available: 1941-43, 1945-50. Feb. 20, 51.84; June 16, 54.31; Dec. 18, 60.20.

229. F. S. Clancy. Lat. 29°56', long. 95°33'. Records available: 1946-50. Dec. 7, 60.62.

230. Amerada-Stanolind. Lat. 29°53', long. 95°31'. Records available: 1946-48, 1950. June 15, 67.26.

231. Jack Frazier Drilling Co. Lat. 29°51', long. 95°29'. Records available: 1946-50. Feb. 20, 68.88; June 20, 67.53; Sept. 22, 72.18; Dec. 8, 74.47.

249. United Gas Corp. Lat. 29°54', long. 95°26'. Records available: 1946-50. Feb. 16, 38.52. June 21, 37.70; Sept. 22, 41.27; Dec. 8, 44.01.

253. Homer J. Moore. Lat. 29°56', long. 95°25'. Records available: 1944-50. Feb. 20, 69.34; Sept. 22, 79.53; Dec. 8, 77.23.

255. J. M. Blake. Lat. 29°57', long. 95°25'. Records available: 1937-50. Feb. 16, 8.68; June 21, 10.13; Sept. 22, 22.27; Dec. 8, 25.6.

258. F. M. Corzelius. Lat. 29°57', long. 95°24'. Records available: 1946-50. Feb. 16, 54.62; June 19, 58.61; Sept. 21, 62.64.

264. H. Weary. Lat. 29°58', long. 95°23'. Records available: 1931-33, 1937-50. Feb. 16, 58.54; June 21, 58.38; Sept. 21, 62.37; Dec. 8, 62.90.

268. City of Houston test well 10-A. In Westfield, lat. 30°01', long. 95°24'. Records available: 1939-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	53.48	Apr. 24	52.56	July 21	53.44	Oct. 23	56.00
Feb. 24	53.26	May 25	52.52	Aug. 25	54.53	Nov. 24	56.58
Mar. 27	52.95	June 26	52.83	Sept. 25	55.44	Dec. 21	56.91

269. City of Houston test well 7. In Westfield, lat. 30°01', long. 95°24'. Records available: 1939-50.

Jan. 24	9.44	Apr. 24	12.35	July 21	15.20	Oct. 23	18.83
Feb. 24	10.64	May 25	13.46	Aug. 25	16.50	Nov. 24	20.44
Mar. 27	11.51	June 26	14.42	Sept. 25	17.65	Dec. 21	21.60

280. Pan-American Pipe Line Co. Lat. 29°52', long. 95°10'. Records available: 1940, 1943-50. Feb. 7, 71.53; Sept. 19, 72.05; Dec. 4, 93.83.

286. Jack Frazier Drilling Co. Lat. 29°52', long. 95°15'. Records available: 1940, 1943-50. Feb. 16, 74.41; June 19, 74.94; Sept. 21, 77.77; Dec. 6, 77.76.

290. J. C. Townes. Lat. 29°55', long. 95°16'. Records available: 1943-49. Measurement discontinued.

291. A. T. McDannald. Lat. 29°55', long. 95°15'. Records available: 1931, 1943-50. Feb. 16, 52.75; June 19, 53.24; Sept. 21, 54.49; Dec. 8, 55.80.

302. Rebel Oil Co. Formerly McDannald Oil Co. Lat. 29°58', long. 95°13'. Records available: 1939-41, 1943-50. Feb. 15, 74.01; June 19, 74.48; Sept. 21, 77.92; Dec. 8, 80.96.

305. A. T. McDannald. Lat. 29°55', long. 95°15'. Records available: 1943-50. Feb. 16, 6.49; June 19, 6.57; Sept. 21, 9.45; Dec. 8, 11.42.

306. Bender Estate. Lat. 29°59', long. 95°12'. Records available: 1945-50. Feb. 15, 67.29; June 19, 67.68; Sept. 21, 70.58; Dec. 8, 72.34.

326. Gulf Pipe Line Co. Lat. 29°52', long. 95°03'. Records available: 1931, 1947-50. Feb. 7, 75.05; June 7, 76.06; Sept. 19, 80.56; Dec. 4, 82.05.

334a. E. M. Dunks. Lat. 30°01', long. 95°05'. Records available: 1947-50. Feb. 7, 6.37; June 7, 6.27; Sept. 19, 13.68; Dec. 4, 16.60.

336. Sinclair Refining Co. Lat. 30°03', long. 95°05'. Records available: 1947-50. Feb. 7, 22.55; June 7, 26.88; Sept. 19, 40.05; Dec. 4, 31.26.

352. A. E. Thompson. Lat. 29°52', long. 95°49'. Records available: 1939-41, 1943-50. Mar. 14, 63.85.

362. E. G. Stockdick well 2. Lat. 29°49', long. 95°46'. Records available: 1931-33, 1938-50. Mar. 14, 57.30; Nov. 16, 65.84.

367. W. C. Hickman. Lat. 29°48', long. 95°46'. Records available: 1930, 1938-50. Mar. 14, 57.24; Nov. 20, 67.81.

370. J. M. Johnson. Lat. 29°47', long. 95°46'. Records available: 1929-31, 1938-44, 1948-49. No measurement made in 1950.

371. L. E. Morrison. Lat. 29°45', long. 95°46'. Records available: 1939-50. Mar. 13, 55.82; Nov. 22, 66.38.

380. W. H. Hegar. Lat. 29°52', long. 95°43'. Records available: 1938-48. Measurement discontinued.

381. W. H. Hegar. Lat. 29°52', long. 95°45'. Records available: 1931-33, 1939-50. Mar. 14, 34.41; Nov. 17, 35.35.

382. W. C. Stockdick. Lat. 29°50', long. 95°44'. Records available: 1939-50. Mar. 14, 55.50.

384. A. J. Jordens. Lat. 29°49', long. 95°44'. Records available: 1932-33, 1939-50. Mar. 14, 53.13; Nov. 16, 65.85.

385. A. J. Jordens. Lat. 29°49', long. 95°44'. Records available: 1933, 1939-50. Mar. 14, 51.35; Nov. 16, 62.23.

399. Gertie Rice Farm. Lat. 29°51', long. 95°41'. Records available: 1939-50. Apr. 14, 38.37; Nov. 20, 42.47.

420. E. A. Showers. Lat. 29°44', long. 95°32'. Records available: 1946-50. Feb. 21, 60.72; June 13, 56.70; Sept. 29, 76.20; Dec. 18, 72.53.

422. Cities Service Oil Co. Lat. 29°44', long. 95°33'. Records available: 1946-50. June 13, 60.97; Sept. 27, 77.75.

424. Buffalo Oaks. Lat. 29°44', long. 95°35'. Records available: 1946-50. Feb. 22, 70.27; June 13, 72.27; Dec. 15, 81.62.

456. Frank Willberg. In southeast part of Fairbanks, lat. 29°50', long. 95°31'. Records available: 1931, 1939-50. Feb. 23, 71.48; June 15, 70.47; Sept. 29, 78.48; Dec. 18, 79.06.

473. H. W. Rasmussen. Lat. 29°45', long. 95°30'. Records available: 1938-50. Feb. 21, 81.49; June 13, 83.30; Dec. 19, 91.93.

480. John Pillot. Lat. 29°44', long. 95°40'. Records available: 1941-50. Mar. 13, 52.70.

489. City of Houston test well 4a. Lat. 29°42', long. 95°37'. Records available: 1939-50. Feb. 21, 55.83; June 13, 61.77; Sept. 27, 80.08; Dec. 15, 67.85.

490. City of Houston test well 5. In Alief, lat. 29°42', long. 95°35'. Records available: 1939-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	102.44	Apr. 24	101.14	July 21	104.56	Oct. 23	112.96
Feb. 24	101.95	May 25	101.74	Aug. 25	108.90	Nov. 24	112.73
Mar. 27	101.49	June 26	102.72	Sept. 25	111.80	Dec. 21	112.74

498. Brae Burn County Club. Lat. 29°40', long. 95°31'. Records available: 1937-50. Feb. 21, 65.54. Measurement discontinued.

504. Dr. E. W. K. Andrau. Lat. 29°43', long. 95°35'. Records available: 1946-50. Feb. 21, 64; June 13, 74; Dec. 15, 73.

512. Joe Kowis. Lat. 29°49', long. 95°29'. Records available: 1931-50. Feb. 23, 0.2; June 15, 1.84; Sept. 29, 7.82; Dec. 18, 13.70.

519. Felix Meyers. Lat. 29°48', long. 95°27'. Records available: 1937-50. Feb. 23, 1.69; June 15, 4.90; Sept. 29, 10.96; Dec. 18, 16.5.

538. The Bayou Club. Lat. 29°46', long. 95°27'. Records available: 1940, 1943-50. Feb. 9, 104.67; June 8, 106.03; Sept. 20, 114.54; Dec. 5, 114.95.

585. Houston Textile Mills Inc. Lat. 29°49', long. 95°22'. Records available: 1931, 1938-41, 1949-50. Feb. 14, 153.22; June 21, 157.09; Sept. 22, 167.38; Dec. 20, 168.40.

591. City of Houston well 3. Lat. 29°48', long. 95°24'. Records available: 1938-50. Feb. 9, 174.49; June 8, 176.17; Sept. 20, 189.32; Dec. 5, 183.69.

602. River Oaks Country Club well 1. Lat. 29°45', long. 95°25'. Records available: 1931-50. Feb. 10, 128.03; June 8, 129.46; Sept. 20, 140.89; Dec. 19, 139.32.

604. Horlock Ice Co. Lat. 29°46', long. 95°24'. Records available: 1937-50. Feb. 9, 97.13; June 9, 99.10; Sept. 20, 101.80; Dec. 5, 101.63.

607. Henke & Pillot. Lat. 29°46', long. 95°23'. Records available: 1931, 1943-48. Measurement discontinued.

619. City of Houston. Lat. 29°45', long. 95°22'. Records available: 1931-49.

Jan. 24	145.59	May 25	147.18	Aug. 25	155.03	Nov. 24	156.35
Feb. 24	145.86	June 26	150.76	Sept. 25	159.14	Dec. 21	157.23
Mar. 27	145.08	July 21	149.48	Oct. 23	156.74		

651a. L. P. Mallett. Lat. $29^{\circ}53'$, long. $95^{\circ}23'$. Records available: 1938-50. Feb. 10, 102.71; June 19, 102.67; Sept. 22, 108.57; Dec. 6, 110.49.

651b. L. P. Mallett. Lat. $29^{\circ}53'$, long. $95^{\circ}23'$. Records available: 1938-50. Feb. 10, 8.53; June 19, 12.27; Sept. 21, 16.72; Dec. 6, 20.20.

651d. Joe Morales. Lat. $29^{\circ}52'$, long. $95^{\circ}21'$. Records available: 1938-50. Feb. 15, 110.11; June 19, 112.17; Sept. 21, 115.78; Dec. 6, 118.72.

656. Texas Creosoting Co. Lat. $29^{\circ}49'$, long. $95^{\circ}21'$. Records available: 1931-50. Feb. 7, 159.54; June 8, 158.56; Sept. 19, 167.64; Dec. 1, 170.00.

663. South Texas Cotton Oil Co. well 1. Lat. $29^{\circ}47'$, long. $95^{\circ}20'$. Records available: 1931, 1938-50. Feb. 7, 89.94; June 7, 90.36; Sept. 19, 92.16; Dec. 1, 92.32.

664. South Texas Cotton Oil Co. well 3. Lat. $29^{\circ}47'$, long. $95^{\circ}20'$. Records available: 1946-50. Feb. 7, 163.92; June 7, 165.99; Sept. 19, 171.88; Dec. 1, 174.63.

666a. Houston Foundry & Machine Co. At White and Weber Sts., Houston, lat. $29^{\circ}46'$, long. $95^{\circ}21'$. Records available: 1938-50. Feb. 9, 122.63; June 9, 119.92; Sept. 20, 126.09; Dec. 5, 127.10.

711. San Jacinto Hotel. At 820 Main St., Houston, lat. $29^{\circ}45'$, long. $95^{\circ}21'$. Records available: 1940-50. Feb. 2, 191.90; June 1, 194.79; Sept. 11, 207.33.

748. Gulf Pipe Line Co. Lat. $29^{\circ}47'$, long. $95^{\circ}47'$. Records available: 1931, 1939-50. Feb. 7, 155.93; June 7, 158.70; Sept. 19, 165.32; Dec. 1, 168.18.

751. The Texas Pipe Line Co. Lat. $29^{\circ}47'$, long. $95^{\circ}47'$. Records available: 1931, 1937-50. Feb. 8, 162.27; June 6, 165.28; Sept. 15, 172.00; Nov. 30, 174.04.

757. Layne-Bowler Co. Lat. $29^{\circ}46'$, long. $95^{\circ}17'$. Records available: 1931-50. Feb. 8, 174.43; June 8, 177.85; Sept. 15, 184.83; Nov. 30, 191.70.

759. Port City Compress & Warehouse Co. Lat. $29^{\circ}45'$, long. $95^{\circ}17'$. Records available: 1931-50. Feb. 8, 177.45; June 6, 188.43; Sept. 15, 196.11; Dec. 1, 197.39.

787a. American Service Co. well 2. At 1623 Westheimer St., Houston, lat. $29^{\circ}44'$, long. $95^{\circ}24'$. Records available: 1938-45, 1947-48. Measurement discontinued.

788. Shepherd Laundries. At 2400 Louisiana St., Houston, lat. $29^{\circ}44'$, long. $95^{\circ}22'$. Records available: 1930, 1938-41, 1948-50. Feb. 10, 179.58; June 9, 179.15; Sept. 20, 180.97; Dec. 5, 182.36.

797. Rice Institute. Lat. $29^{\circ}43'$, long. $95^{\circ}29'$. Records available: 1931, 1949-50. Feb. 9, 109.79; June 8, 109.80; Sept. 20, 109.90; Dec. 5, 110.00.

798. Rice Institute. Lat. $29^{\circ}43'$, long. $95^{\circ}29'$. Records available: 1931, 1938-42, 1949-50. Feb. 9, 111.06; June 8, 113.44; Sept. 20, 120.32; Dec. 5, 119.80.

798a. H. C. Weiss. At South Main and Sunset Sts., Houston, lat. $29^{\circ}43'$, long. $95^{\circ}23'$. Records available: 1938-50. Feb. 9, 109.67; Dec. 5, 119.

807a. City of Bellaire well 1. Lat. $29^{\circ}42'$, long. $95^{\circ}28'$. Records available: 1938-42, 1946-50. Feb. 9, 115.75; June 8, 118.70; Dec. 5, 127.90.

812. Harris County School for Girls. Lat. $29^{\circ}42'$, long. $95^{\circ}28'$. Records available: 1943-50. Feb. 9, 97.12; June 8, 98.32; Sept. 20, 110.70; Dec. 5, 107.34.

853. Houston Ice & Cold Storage Co. At 2715 McKinney St., Houston, lat. $29^{\circ}44'$, long. $95^{\circ}20'$. Records available: 1937-50. Feb. 2, 140.36; June 1, 146.38; Sept. 11, 145.07; Nov. 28, 147.01.

854. Houston Ice & Cold Storage Co. At 2715 McKinney St., Houston, lat. $29^{\circ}44'$, long. $95^{\circ}20'$. Records available: 1937-50. Feb. 2, 136.86; June 1, 138.80; Sept. 11, 126.90; Nov. 28, 125.28.

876. Houston Country Club. Lat. $29^{\circ}43'$, long. $95^{\circ}18'$. Records available: 1937-50. Feb. 2, 159.16; June 1, 163.93; Sept. 11, 169.85; Nov. 28, 171.97.

878. Gulf Atlantic Warehouse Co. Anderson-Clayton Turning Basin, Houston, lat. $29^{\circ}44'$, long. $95^{\circ}17'$. Records available: 1937-50. Feb. 2, 168.86; June 1, 174.68; Sept. 11, 183.34; Nov. 28, 193.50.

879. City of Houston, Magnolia Park well 2. At 7300 Canal St., Houston, lat. 29°44', long. 95°17'. Records available: 1938-42, 1945-50.

Daily highest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	178.4	177.9	180.4	180.8	181.2	182.7	184.8	187.6	191.0	192.4	193.7	.....
2	178.2	178.0	180.5	180.7	181.3	182.6	184.8	187.8	190.9	192.3	193.7	.....
3	178.1	178.1	180.4	180.6	181.4	182.6	184.6	188.0	190.6	192.5	193.7	.....
4	178.1	178.3	180.4	180.7	181.6	182.7	184.5	188.3	190.5	192.6	193.8	.....
5	178.3	178.1	180.3	181.0	181.6	182.6	184.5	188.4	190.5	192.9	193.5	.....
6	178.3	178.1	180.2	181.1	181.8	182.5	184.6	188.5	190.6	193.0	193.4	.....
7	178.3	178.2	180.2	181.2	181.8	182.7	184.5	188.6	190.8	192.9	193.3	.....
8	177.9	178.4	180.4	181.2	181.7	182.8	184.4	188.9	191.0	192.8	193.3	.....
9	176.7	178.6	180.5	181.1	181.9	182.9	184.3	189.1	191.1	192.7	193.2	.....
10	176.6	178.8	180.5	181.1	181.9	183.0	184.2	189.2	191.2	192.8	193.4	.....
11	176.8	178.6	180.5	181.1	182.1	183.1	184.4	189.4	191.3	192.8	193.1	.....
12	176.8	178.5	180.3	181.4	182.2	183.1	184.5	189.6	191.4	193.0	192.9	.....
13	176.8	178.3	180.3	181.6	182.3	183.2	184.7	189.5	191.6	193.0	192.8	.....
14	176.8	178.8	180.3	181.7	182.2	183.3	184.8	189.5	191.9	193.1	192.8	.....
15	176.7	179.1	180.3	181.6	182.2	183.4	184.9	189.6	191.9	193.0	193.0	.....
16	176.7	179.4	180.3	181.4	182.2	183.5	185.0	189.8	192.0	192.9	193.1	.....
17	176.7	179.5	180.4	181.3	182.3	183.7	185.1	190.0	192.0	193.0	193.1	.....
18	176.8	179.7	180.2	181.3	182.4	183.5	185.2	190.1	192.0	193.2	193.0	.....
19	177.0	179.6	180.2	181.4	182.5	183.4	185.4	190.1	192.0	193.3	192.8	.....
20	177.1	179.6	180.0	181.6	182.4	183.5	185.7	190.0	192.2	193.4	192.8	.....
21	177.2	179.6	180.0	181.6	182.3	183.5	185.9	189.9	192.2	193.4	192.9	193.4
22	177.1	179.6	180.2	181.5	182.2	183.9	186.2	190.0	192.3	193.4	192.8	193.4
23	177.1	179.7	180.3	181.4	182.1	184.0	186.2	190.1	192.4	193.4	192.9	193.3
24	177.2	179.8	180.3	181.1	182.4	184.1	186.3	190.2	192.4	193.5	192.9	193.2
25	177.4	179.9	180.4	181.1	182.5	184.2	186.5	190.5	192.4	193.6	193.1	192.9
26	177.5	180.0	180.2	181.4	182.5	184.3	186.8	190.5	192.3	193.8	193.0	192.9
27	177.8	180.0	180.2	181.4	182.6	184.2	186.9	190.4	192.3	193.9	192.9	192.9
28	177.7	180.1	180.3	181.4	182.5	184.4	187.1	190.4	192.4	193.8	193.3	192.8
29	177.6		180.5	181.4	182.4	184.6	187.5	190.6	192.3	193.6	.....	192.8
30	177.6		180.8	181.3	182.5	184.8	187.5	190.6	192.4	193.5	.....	192.7
31	177.8		180.8		182.7		187.4	190.9		193.6		192.5

881. Terminal Compress & Warehouse Co. At 82d and Harrisburg Sts., Houston, lat. 29°43', long. 95°16'. Records available: 1931, 1937-50. Feb. 2, 178.14; June 1, 185.64; Sept. 11, 193.93; Nov. 29, 195.54.

883. Tennessee Coal & Iron Railroad Co., well 1, U. S. Steel Co. Lat. 29°43', long. 95°15'. Records available: 1938-48. Measurement discontinued.

898a. Allen Estate. At Park Place and Popular Sts., Houston, lat. 29°41', long. 95°17'. Records available: 1937-50. Feb. 2, 165.37; June 1, 171.08; Sept. 11, 180.12; Nov. 28, 181.89.

909. J. W. Madden. Lat. 29°37', long. 95°18'. Records available: 1931, 1934, 1940-50. Feb. 17, 60.20; June 12, 63.33; Dec. 15, 64.15.

933. Champion Paper & Fibre Co. test well. Lat. 29°49', long. 95°13'. Records available: 1939-50. Feb. 7, 146.06; June 7, 147.17; Sept. 19, 155.05; Dec. 4, 156.04.

934. Champion Paper & Fibre Co. Lat. 29°49', long. 95°13'. Records available: 1939-50. Feb. 8, 84.76; June 7, 85.34; Sept. 19, 86.84; Dec. 4, 87.94.

936. The Texas Co., well 2. At Camp Beatty. Lat. 29°47', long. 95°12'. Records available: 1940, 1942-50. Feb. 8, 154.6.

939. San Jacinto Ordnance Depot, well 2. Lat. 29°44', long. 95°07'. Records available: 1941, 1943-50. Feb. 8, 160.85; June 7, 166.05; Sept. 18, 168.60; Nov. 30, 168.84.

940. San Jacinto Ordnance Depot, well 1. Lat. 29°45', long. 95°06'. Records available: 1941, 1943-50. Feb. 8, 154.85; June 7, 159.08; Sept. 18, 162.33; Nov. 30, 161.00.

943. Gulf Pipe Line Co. At Lynchburg pump station, lat. 29°46', long. 95°04'. Records available: 1943-50. Feb. 8, 118.00; June 7, 119.66; Sept. 19, 122.30; Dec. 4, 122.40.

947. Leon J. Vetrano. Lat. 29°50', long. 95°06'. Records available: 1940, 1943-50. Feb. 7, 93.73; Sept. 18, 103.78; Dec. 4, 98.69.

1100d. Du Pont Chemical Plant. Lat. 29°42', long. 95°02'. Records available: 1947-50. Feb. 6, 149.06; June 5, 153.08; Sept. 14, 157.35; Nov. 29, 161.57.

1100e. Du Pont Chemical Plant. Lat. 29°41', long. 95°02'. Records available: 1947-50. Feb. 6, 158.90; June 5, 164.10; Sept. 15, 168.08; Nov. 29, 165.64.

1100f. Du Pont Chemical Plant. Lat. 29°41', long. 95°05'. Records available: 1947-50. Feb. 6, 155.63; June 5, 160.15; Sept. 14, 164.70.

1101a. M. M. Graves Estate. Lat. 29°42', long. 95°06'. Records available: 1931-32, 1934, 1939-49. Measurement discontinued.

1104. City of La Porte well 1. At La Porte water plant, lat. 29°39', long. 95°01'. Records available: 1930-31, 1937, 1940-50. Feb. 3, 141.60; June 5, 140.55; Sept. 13, 144.40; Nov. 29, 132.70.

1106. West & Siabara. Lat. 29°39', long. 95°05'. Records available: 1946-50. Feb. 3, 133.43; Nov. 30, 141.14.

1117. Humble Oil & Refining Co. Lat. 29°37', long. 95°07'. Records available: 1940, 1944-50. Feb. 3, 121.45; Sept. 13, 134.27; Nov. 30, 128.09.

1152a. City of Galena Park well 1. In Galena Park at waterworks, lat. 29°44', long. 95°14'. Records available: 1937, 1939-50. Feb. 8, 218.73; June 6, 220.96; Sept. 15, 237.95; Dec. 1, 237.72.

1161. Sinclair Refining Co., well 6. Lat. 29°42', long. 95°14'. Records available: 1924, 1937-50.

Daily highest water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	213.1	219.6	225.7	228.5	229.1	225.7	228.3	236.4	238.5	236.4	237.1	237.5
2	212.8	219.4	225.9	228.8	229.3	225.3	228.3	236.7	239.0	236.4	237.0	237.5
3	212.8	220.8	226.1	228.8	229.6	224.8	228.1	236.7	239.2	236.3	237.2	237.7
4	213.6	220.4	226.2	228.9	229.9	224.8	228.4	236.5	239.7	236.3	236.8	237.9
5	213.5	220.5	226.2	229.0	230.2	224.6	228.7	236.4	239.4	236.9	236.4	237.9
6	212.7	212.7	226.3	228.9	229.6	224.1	228.6	237.0	239.7	236.8	236.3	238.5
7	212.7	221.2	226.1	228.9	228.1	223.6	228.3	237.6	239.7	236.1	236.3	238.5
8	212.4	221.4	226.5	228.9	227.9	223.4	228.2	237.9	239.4	235.6	236.2	238.7
9	215.0	221.8	224.8	229.0	227.6	223.2	228.1	238.2	239.0	235.4	236.3	239.3
10	214.6	222.3	223.6	228.9	227.5	223.1	228.1	238.6	239.0	235.4	236.4	239.2
11	214.6	222.5	223.9	229.0	227.4	223.4	228.1	238.8	239.0	235.6	236.3	239.6
12	215.0	222.5	224.1	228.9	227.3	223.7	227.3	239.4	239.8	235.3	236.6	240.3
13	215.9	222.4	225.1	228.9	227.1	223.9	227.2	239.7	239.9	235.0	236.6	240.2
14	215.7	223.1	225.4	228.9	226.5	224.0	227.5	239.7	240.9	235.1	236.7	240.4
15	215.4	223.3	225.7	228.9	225.9	224.2	228.7	238.7	241.0	235.2	237.0	240.4
16	215.2	223.5	225.8	228.8	225.9	225.0	229.3	238.5	240.6	235.5	237.0	240.0
17	215.2	223.7	226.0	228.7	226.4	225.4	229.8	238.3	240.3	236.0	237.1	239.6
18	215.1	224.0	224.0	228.5	226.8	225.6	230.4	237.9	240.1	236.4	236.9	239.5
19	215.2	223.8	223.8	228.5	226.8	225.6	230.6	237.4	240.3	236.6	236.9	239.4
20	216.4	223.8	226.6	228.6	226.9	225.6	230.9	237.6	240.3	236.7	236.8	239.3
21	216.2	223.7	226.9	228.5	225.7	225.8	231.7	237.5	240.3	236.8	237.2	239.2
22	216.7	223.8	227.2	228.4	225.6	226.3	232.6	236.9	240.4	236.6	237.1	239.1
23	217.1	224.0	227.2	228.3	225.5	226.7	232.9	236.5	240.0	236.6	237.0	238.8
24	217.8	224.1	227.6	228.3	225.5	226.3	233.2	235.9	239.8	237.0	236.9	238.3
25	218.2	224.1	227.5	227.9	225.5	225.9	233.8	236.1	239.8	237.2	236.9	237.5
26	218.3	224.8	227.4	227.9	225.8	225.7	234.4	236.3	238.7	237.3	236.8	237.0
27	218.2	225.8	227.2	227.8	226.0	226.2	234.7	236.7	238.3	237.4	236.8	236.6
28	218.2	225.5	228.1	228.1	226.0	226.9	235.1	236.6	237.8	237.6	237.0	236.2
29	218.0		228.3	228.0	226.0	227.6	235.7	236.8	237.2	237.5	237.1	235.8
30	218.2		228.2	228.1	225.8	228.2	235.6	237.2	237.0	237.3	237.6	235.8
31	219.7		228.1		226.3		235.9	238.1		237.3		235.9

1170. Houston Lighting & Power Co. At Deepwater plant. Lat. 29°43', long. 95°13'. Records available: 1936-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	215	May 2	231	Aug. 1	239	Oct. 4	236
Feb. 2	219	June 2	223	Sept. 5	241	Nov. 3	238
Mar. 1	226	July 3	229	15	241	Dec. 4	238
Apr. 3	229						

1181. Phillips Petroleum Co., well 1. At tank farm, lat. 29°43', long. 95°12'. Records available: 1929, 1945-50. Feb. 3, 231.33; June 5, 237.63; Sept. 14, 251.04; Nov. 27, 246.35.

1182. Port Terminal Railroad Co. At Pasadena, near southeast corner of Crown Refinery, lat. 29°43', long. 95°12'. Records available: 1939-50. Feb. 3, 241.28; June 6, 245.18; Sept. 14, 259.02; Nov. 27, 252.91.

1187. City of Pasadena well 1. South well of four at City Hall in Pasadena, lat. 29°42', long. 95°12'. Records available: 1937-41, 1944-50. Feb. 3, 220.89; Nov. 27, 240.55.

1205. City of South Houston well 1. South well of five at waterworks. Lat. 29°39', long. 95°14'. Records available: 1940-50. Feb. 2, 146.43; June 5, 145.97; Sept. 13, 148.97; Nov. 28, 149.70.

1209. Texas Fireworks Distributing Co. At South Houston, lat. 29°39', long. 95°13'. Records available: 1932-33, 1935-50. Feb. 3, 42.54; Sept. 13, 45.82; Nov. 28, 45.22. Measurement discontinued.

1229. City of Houston test well 8. On Spencer Highway, lat. 29°39', long. 95°11'. Records available: 1939-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	183.04	Apr. 24	183.20	July 21	190.89	Oct. 23	193.17
Feb. 24	184.01	May 25	183.38	Aug. 25	185.70	Nov. 24	196.44
Mar. 27	184.55	June 26	188.00	Sept. 25	187.38	Dec. 21	198.63

1230. City of Houston test well 9. On Spencer Highway, lat. 29°39', long. 95°11'. Records available: 1939-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	199.85	Apr. 24	204.16	July 21	211.06	Oct. 23	219.34
Feb. 24	202.54	May 25	203.76	Aug. 25	216.58	Nov. 24	219.80
Mar. 27	204.75	June 26	207.47	Sept. 25	219.87	Dec. 21	219.71

1234. City of South Houston well 3. At city waterworks in South Houston, lat. 29°39', long. 95°14'. Records available: 1942-47, 1949-50. Feb. 2, 112.43; June 5, 111.46; Sept. 13, 115.47; Nov. 28, 116.42.

1237. East End Waterworks, Meadowbrook 2. Lat. 29°40', long. 95°15'. Records available: 1941, 1949-50. Feb. 2, 187.94; June 2, 197.12.

1267. City of South Side Place well 3. At city water works, lat. 29°42', long. 95°26'. Records available: 1941, 1943-50. Feb. 9, 121.00; June 8, 121.93; Sept. 20, 133.30; Dec. 5, 134.01.

1297. State of Texas. Pioneer Airport. Lat. 29°38', long. 95°17'. Records available: 1939, 1949-50. Feb. 2, 124.10; June 1, 124.70; Sept. 13, 131.87; Nov. 28, 132.54.

1299. U. S. Dept. of the Army. Ellington Field 2. Lat. 29°36', long. 95°10'. Records available: 1941, 1948-50. Feb. 3, 117.68; June 5, 122.77.

1322. S. Siabara. Lat. 29°34', long. 95°08'. Records available: 1937, 1935, 1940, 1948-50. Feb. 3, 114.55; Nov. 28, 120.22.

1360. S. Siabara. About 0.25 mile west of Webster, lat. 29°32', long. 95°06'. Records available: 1931-33, 1936-50. Feb. 3, 104.06; June 5, 108.16; Sept. 13, 113.57; Nov. 28, 99.63.

1369. City of South Houston well 2. At waterworks in South Houston, lat. 29°39', long. 95°14'. Records available: 1941, 1944-50. Feb. 2, 185.84; June 5, 191.35; Sept. 13, 204.36; Nov. 29, 204.20.

1370. City of Jacinto City. Lat. 29°46', long. 95°14'. Records available: 1944-46, 1948-50. June 8, 190.07; Sept. 18, 199.70.

1374. Harris County Water Control & Improvement District No. 11, well 1. Lat. 29°46', long. 95°12'. Records available: 1940, 1942-50. Feb. 8, 199.81.

1398. Mission Manufacturing Co., well 2. On U. S. Highway 59, lat. 29°48', long. 95°20'. Records available: 1939, 1943-47. Measurement discontinued.

1414. Harris County Water Control & Improvement District No. 3, well 2. At 816 Rosslyn St. in Garden Oaks subdivision, lat. 29°49', long. 95°25'. Records available: 1940, 1943-48. Measurement discontinued.

1417. Houston Lighting & Power Co., well 1. Lat. 29°37', long. 95°27'. Records available: 1943-50. Feb. 17, 115.86; June 13, 126.12; Sept. 27, 130.10; Dec. 15, 124.70.

1418. W. B. Nelson. On Hall road, lat. 29°35', long. 95°15'. Records available: 1943-50. Feb. 17, 153.17; June 12, 159.10; Sept. 27, 172.81; Dec. 15, 166.20.

1420. City of Galena Park, well 2. At city waterworks in Galena Park, lat. 29°44', long. 95°13'. Records available: 1942-50. Feb. 8, 224.10; Sept. 15, 240.90.

1421. Tennessee Coal & Iron Railroad Co., well 2. U. S. Steel. At Clinton docks, lat. 29°43', long. 95°15'. Records available: 1943-44, 1946-50. Feb. 8, 202.73; June 6, 208.48; Sept. 15, 223.65; Dec. 1, 224.79.

1422. Mission Manufacturing Co., well 1. About 50 feet west of well 1398, lat. 29°48', long. 95°20'. Records available: 1943-50. Feb. 7, 145.38; June 8, 145.67; Sept. 19, 152.13.

1423. Clarence Nelson. Lat. 29°36', long. 95°14'. Records available: 1946-50. Feb. 17, 151.53; Sept. 27, 170.77; Dec. 15, 163.95.

1424. Harris County Water Control & Improvement District No. 3, well 3. At Alba and Sue Barnett Sts. in Garden Oaks subdivision, lat. 29°49', long. 95°25'. Records available: 1946-50. Feb. 9, 135.56; June 9, 146.00; Dec. 5, 164.30.

1500. Texas-Gulf Production Co. Lat. 29°58', long. 95°16'. Records available: 1943-44, 1946-50. Feb. 16, 112.00; June 19, 113.40; Sept. 21, 116.65; Dec. 6, 119.28.

1503. R. R. Michel test hole number 0-1. Lat. 30°05', long. 95°37'. Records available: 1940-44, 1946-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	34.18	Apr. 24	33.84	July 21	34.01	Oct. 23	34.67
Feb. 24	34.25	May 25	34.10	Aug. 25	34.09	Nov. 24	35.00
Mar. 27	33.92	June 26	34.03	Sept. 25	34.37	Dec. 21	34.89

1504. Bogs Estate test hole N-1. Lat. 30°07', long. 95°35'. Records available: 1940-50.

Jan. 24	22.94	Apr. 24	22.24	July 21	21.30	Oct. 23	23.01
Feb. 24	22.38	May 25	22.09	Aug. 25	21.92	Nov. 24	23.52
Mar. 27	22.08	June 26	20.99	Sept. 25	22.53	Dec. 21	23.86

1505. Wm. Tautenhahn test hole U-1. Lat. 30°01', long. 95°24'. Records available: 1940-50.

Jan. 24	14.58	Apr. 24	13.24	July 21	14.66	Oct. 23	18.70
Feb. 24	12.66	May 25	13.72	Aug. 25	16.87	Nov. 24	19.60
Mar. 27	13.29	June 26	14.09	Sept. 25	18.07	Dec. 21	19.39

1506. Sinclair-Prairie Oil Co. Lat. 29°53', long. 95°30'. Records available: 1943-50. Feb. 14, 74.24; June 20, 74.27; Sept. 26, 83.46; Dec. 11, 82.38.

1507. Stanolind Oil & Gas Co. Lat. 29°53', long. 95°29'. Records available: 1944-50. Feb. 14, 76.42; June 20, 76.50; Sept. 26, 85.30; Dec. 11, 84.48.

Hays County

110. M. O. Rogers. Lat. 30°07', long. 97°58'. Records available: 1937, 1940-46, 1948-50. Apr. 12, 56.90; Aug. 3, 55.40; Dec. 6, 54.83.

126. F. W. Zimmerman. Lat. 30°04', long. 97°59'. Records available: 1937, 1940-46, 1948-50. Apr. 12, 95.10; Aug. 3, 94.46; Dec. 8, 95.02. Measurement discontinued.

234a. N. E. Hughes. Lat. 29°54', long. 98°05'. Records available: 1940-46, 1948-50. Apr. 11, 18.27; Aug. 2, 20.68; Dec. 6, 20.74. Measurement discontinued.

349. E. Brooks. Lat. 29°53', long. 97°57'. Records available: 1937, 1940-50. Apr. 11, 163.39; Aug. 2, 166.22; Dec. 6, 166.62.

Measurement discontinued in wells 504, 505, 506, and 507.

524. H. W. Hageman. Lat. 29°54', long. 97°55'. Records available: 1937-50. Apr. 12, 33.95; Aug. 2, 32.63; Dec. 6, 33.10.

528. F. N. Whaley. Lat. 29°55', long. 97°54'. Records available: 1937-50. Apr. 12, 96.41; Aug. 3, 96.15; Dec. 6, 96.53.

529. Nicholas Thiele. At south edge of Kyle, lat. 29°59', long. 97°52'. Records available: 1937-50. Apr. 12, 142.76; Aug. 3, 142.3; Dec. 6, 142.21.

534. J. J. Horton. In Buda, lat. 30°05', long. 97°50'. Records available: 1937-50. Apr. 12, 129.71; Aug. 3, 129.67.

535. Thomas Yoe. On U. S. Highway 81, 0.2 mile south of Hays-Travis County line, lat. 30°05', long. 97°48'. Records available: 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	26.83	Apr. 27	26.73	July 26	27.03	Oct. 25	26.36
Feb. 24	26.32	May 31	26.25	Aug. 23	26.77	Nov. 22	26.46
Mar. 28	26.31	June 26	25.68	Sept. 25	27.12	Dec. 19	26.55

543. W. P. Donaldson. Lat. 29°51', long. 97°58'. Records available: 1937-50. Apr. 11, 67.39; Aug. 1, 72.78; Dec. 6, 74.62. Measurement discontinued.

553. G. M. Jackson. 3 miles southwest of San Marcos, lat. 29°51', long. 97°58'. Records available: 1937-50. Apr. 11, 120.20; Aug. 1, 119.94; Dec. 6, 120.74.

Measurement discontinued in wells 586, 590, 591, 614, 615, 629, 677, 677a, 678, and 706.

Hockley County

7. Mr. Pickard. South line of lab. 23, William Tubbs survey, lat. 33°35', long. 102°15'. Records available: 1937-40, 1944-48. Measurement discontinued.

24. R. Y. Hughen. SW $\frac{1}{4}$ sec. 99, blk. A, R. M. Thomson survey, lat. 33°47', long. 102°08'. Records available: 1937-50. Feb. 17, 25.33.

25a. Walter Weige. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 98, blk. A, lat. 33°47', long. 102°09'. Records available: 1947-50. Feb. 17, 27.07.

28. Dan Jackson and Paul Whitfield. NW. corner SW $\frac{1}{4}$ sec. 106, blk. A, R. M. Thomson survey, lat. 33°47', long. 102°10'. Records available: 1937-50. Feb. 17, 35.96.

126. W. M. Alexander. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 89, blk. A, lat. 33°45', long. 102°08'. Records available: 1938-50. Feb. 17, 20.11.

247a. A. N. Riley. NW $\frac{1}{4}$ lab. 3, lge. 78, Reeves C.S.L., lat. 33°40', long. 102°31'. Records available: 1944-50. Feb. 18, 105.57.

263a. C. E. Roloff. SE. corner NW $\frac{1}{4}$ lge. 731, S. C. O., lat. 33°39', long. 102°23'. Records available: 1947-50. Feb. 18, 108.37.

403a. Albert Ellis. NW. corner NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 111, blk. A, lat. 33°48', long. 102°11'. Records available: 1947-49. No measurement made in 1950.

429b. H. R. Johnston. SW. corner NE $\frac{1}{4}$ sec. 52, blk. A, lat. 33°41', long. 102°06'. Records available: 1947-50. Feb. 18, 93.64.

434. C. E. Pendergrass. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 74, blk. A, lat. 33°44', long. 102°10'. Records available: 1938, 1944-50. Feb. 17, 131.48.

443a. Mr. Nicholson. SE $\frac{1}{4}$ sec. 87, blk. A, lat. 33°45', long. 102°06'. Records available: 1944-45, 1947-50. Feb. 17, 76.27.

458. R. L. Burdette. NE. corner NE $\frac{1}{4}$ sec. 102, blk. A, lat. 33°48', long. 102°05'. Records available: 1938, 1947-49. No measurement made in 1950.

576. M. L. Goolsby. SW $\frac{1}{4}$ NW $\frac{1}{4}$ lbr. 2, lge. 29, Hood C.S.L., lat. 33°33', long. 102°21'. Records available: 1944, 1946-50. Feb. 18, 89.92.

587. I. N. Johnson. SE $\frac{1}{4}$ SE $\frac{1}{4}$ lbr. 13, lge. 733, C.S.L., lat. 33°37', long. 102°23'. Records available: 1939-42, 1944-45, 1947-50. Feb. 18, 95.70.

717. Panhandle & Santa Fe Railway Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ lbr. 6, lge. 2, lat. 33°34', long. 102°07'. Records available: 1939, 1945, 1948-50. Feb. 28, 97.27.

827a. Roy Dopson. Lab. 14, lge. 10, Donley C.S.L., lat. 33°25', long. 102°06'. Records available: 1944-46, 1948-50. Feb. 28, 99.25.

Jackson County

5. Jackson County. At Cordele School, lat. 29°11', long. 96°38'. Records available: 1934-36, 1938-50. Mar. 21, 38.46.

6. N. J. Marthiljohni. Lat. $29^{\circ}06'$, long. $96^{\circ}44'$. Records available: 1934-35; 1938-41, 1946-50. Mar. 21, 37.39.

7. D. W. Schropshire. Lat. $29^{\circ}04'$, long. $96^{\circ}47'$. Records available: 1934-36, 1938-50. Mar. 21, 42.24.

11a. Nellie Miller Estate. Lat. $29^{\circ}03'$, long. $96^{\circ}45'$. Records available: 1936, 1938-42, 1944-50. Mar. 21, 37.02.

14. Mrs. C. V. Watson. Lat. $29^{\circ}09'$, long. $96^{\circ}37'$. Records available: 1934-36, 1938-50. Mar. 21, 35.68.

56. A. H. Nagel. At Cordele, lat. $29^{\circ}07'$, long. $96^{\circ}37'$. Records available: 1934-36, 1938-50. Mar. 21, 37.04.

57. S. G. Drushel. Lat. $29^{\circ}05'$, long. $96^{\circ}37'$. Records available: 1934-36, 1938-46, 1948-50. Mar. 21, 40.80.

64. Wm. Clifford. Lat. $29^{\circ}58'$, long. $96^{\circ}42'$. Records available: 1934-36, 1938-45, 1947-50. Mar. 22, 40.56.

66. S. J. and E. F. Swenson. Lat. $29^{\circ}02'$, long. $96^{\circ}37'$. Records available: 1934-36, 1938-50. Mar. 21, 36.89.

69. A. E. Westhoff. Lat. $29^{\circ}01'$, long. $96^{\circ}37'$. Records available: 1934-36, 1938-50. Mar. 21, 34.12.

71. W. Rogers. Lat. $29^{\circ}57'$, long. $98^{\circ}42'$. Records available: 1934-36, 1938-44, 1946-50. Mar. 22, 34.03.

78. Rose, Sample, Taylor, & Bagby. Lat. $28^{\circ}59'$, long. $96^{\circ}37'$. Records available: 1934-35, 1938-50. Mar. 21, 30.79.

88. A. E. Westhoff. Lat. $28^{\circ}53'$, long. $96^{\circ}35'$. Records available: 1909, 1934-36, 1938, 1942-50. Mar. 22, 29.44.

103. A. C. Wilbeck. Lat. $29^{\circ}04'$, long. $96^{\circ}34'$. Records available: 1934-36, 1938-47, 1949-50. Mar. 21, 36.94.

105. A. M. Robinson. Lat. $29^{\circ}06'$, long. $96^{\circ}30'$. Records available: 1934, 1942-47, 1949-50. Mar. 21, 35.97.

108a. Sugarland Fig Growers Association. In Ganado, lat. $29^{\circ}02'$, long. $96^{\circ}30'$. Records available: 1934, 1936, 1938-50. Mar. 21, 29.28.

122. Eli Bell. Lat. $28^{\circ}56'$, long. $96^{\circ}27'$. Records available: 1934, 1942-47, 1949-50. Mar. 22, 28.42.

229. W. A. Utzman. Lat. $28^{\circ}51'$, long. $96^{\circ}38'$. Records available: 1934-36, 1938-50. Mar. 22, 38.34.

230. Royal Dedman. Lat. $28^{\circ}53'$, long. $96^{\circ}34'$. Records available: 1934-36, 1938-50. Mar. 22, 37.85.

304. O. B. Fenner. Lat. $29^{\circ}11'$, long. $96^{\circ}41'$. Records available: 1942-43, 1947, 1949. No measurement made in 1950.

305. O. B. Fenner. Lat. $29^{\circ}11'$, long. $96^{\circ}41'$. Records available: 1942, 1947, 1949-50. Mar. 21, 47.27.

313. G. A. Harrison. Lat. $29^{\circ}00'$, long. $96^{\circ}35'$. Records available: 1942-50. Mar. 21, 34.69.

318. George Carstien. Lat. $29^{\circ}07'$, long. $96^{\circ}30'$. Records available: 1942-47, 1949-50. Mar. 21, 34.08.

322. Mrs. B. W. Martin. Lat. $29^{\circ}04'$, long. $96^{\circ}31'$. Records available: 1940-47, 1950. Mar. 21, 32.09.

337. Rose & Sample. Lat. $28^{\circ}56'$, long. $96^{\circ}25'$. Records available: 1942-47, 1949. No measurement made in 1950.

357. A. V. Raplee. Lat. $28^{\circ}43'$, long. $96^{\circ}22'$. Records available: 1942-50. Mar. 23, 18.56.

Jim Wells County

193. M. Morales. Lat. $27^{\circ}38'$, long. $98^{\circ}13'$. Records available: 1933, 1935-41, 1943, 1945, 1946-50. Feb. 10, 25.29.

206. Emilio Barrera. Lat. $27^{\circ}36'$, long. $98^{\circ}12'$. Records available: 1933, 1935-41, 1943, 1945, 1947-50. Feb. 10, 56.08.

207. Roman Saenz. Lat. $27^{\circ}35'$, long. $98^{\circ}11'$. Records available: 1933, 1935-41, 1943, 1945, 1947-50. Feb. 10, 77.11.

221. Feliz Perez Cadena. Lat. $27^{\circ}34'$, long. $98^{\circ}11'$. Records available: 1933, 1935-41, 1943, 1947-50. Feb. 10, 52.79.

222. Manuel Cadena. Lat. $27^{\circ}34'$, long. $98^{\circ}11'$. Records available: 1933, 1935-41, 1943, 1945, 1947-50. Feb. 10, 52.69.

242. Hormigas Well. King Estate. Lat. $27^{\circ}33'$, long. $98^{\circ}05'$. Records available: 1933, 1943-50. Jan. 10, 97.93, Feb. 10, 97.63; May 16, 97.63; Nov. 16, 101.74.

252. Cerapio Hinojosa. Lat. $27^{\circ}26'$, long. $98^{\circ}13'$. Records available: 1933, 1935-41, 1943, 1945, 1947-50. Feb. 8, 61.75.

253. San Juan Hinojosa. Lat. $27^{\circ}26'$, long. $98^{\circ}13'$. Records available: 1933, 1935-41, 1943, 1945, 1947-50. Feb. 8, 65.60.

269. R. P. Wynne. Lat. $27^{\circ}25'$, long. $98^{\circ}07'$. Records available: 1933, 1943-50. Feb. 8, 88.08.

272. Miguel de los Santos. Lat. $27^{\circ}23'$, long. $98^{\circ}13'$. Records available: 1933, 1945, 1947-50. Feb. 8, 83.94.

272a. Fidencio de los Santos. Lat. $27^{\circ}23'$, long. $98^{\circ}13'$. Records available: 1947-50. Feb. 8, 86.81.

292. W. A. Cobb. Lat. $27^{\circ}21'$, long. $98^{\circ}07'$. Records available: 1933, 1943, 1945, 1949-50. Feb. 11, 93.31.

292a. Storm Nursery. Lat. $27^{\circ}22'$, long. $98^{\circ}07'$. Records available: 1947-50. Feb. 11, 93.67.

307. A. R. Clarke. Lat. $27^{\circ}20'$, long. $98^{\circ}13'$. Records available: 1932, 1943, 1945, 1947-50. Feb. 8, 76.78.

316. C. T. Hewitt. Lat. $27^{\circ}21'$, long. $98^{\circ}08'$. Records available: 1933, 1943-45, 1947-48. Measurement discontinued.

329. Texas & New Orleans Railroad Co. Lat. $27^{\circ}21'$, long. $98^{\circ}07'$. Records available: 1932, 1943-50. Feb. 11, 95.39.

330. L. H. Franz. Lat. $27^{\circ}20'$, long. $98^{\circ}07'$. Records available: 1933, 1943, 1947, 1949-50. Feb. 8, 89.85.

346. Charlie Premont. Lat. $27^{\circ}18'$, long. $98^{\circ}11'$. Records available: 1932, 1943-45, 1947-50. Feb. 8, 63.58.

357. Nelson English. Lat. $27^{\circ}20'$, long. $98^{\circ}07'$. Records available: 1932, 1943-45, 1947-50. Feb. 9, 84.27.

359. E. J. Corrigan. Lat. $27^{\circ}18'$, long. $98^{\circ}07'$. Records available: 1928, 1932, 1943-45, 1947-50. Feb. 8, 77.85.

374. E. G. Maun. Lat. $27^{\circ}15'$, long. $98^{\circ}12'$. Records available: 1932-33, 1935, 1937-38, 1943-50. Feb. 8, 55.08.

377a. Dale Maun. Lat. $27^{\circ}15'$, long. $98^{\circ}10'$. Records available: 1947-49. No measurement made in 1950.

382. J. H. Patzakowsky. Lat. $27^{\circ}17'$, long. $98^{\circ}09'$. Records available: 1933, 1943, 1945, 1947-49. No measurement made in 1950.

392a. B. W. Voght. In La Gloria, lat. 27°17', long. 98°07'. Records available: 1947-50. Feb. 8, 87.61.

397. John Minten. Lat. 27°17', long. 98°05'. Records available: 1933, 1943-50. Feb. 8, 38.56.

399. O. M. Boone. Lat. 27°16', long. 98°07'. Records available: 1932, 1943-50. Feb. 8, 81.47.

429. Clyde Wright. Lat. 27°20', long. 98°06'. Records available: 1943, 1945-50. Feb. 8, 82.27.

431. J. R. Friesen. Lat. 27°20', long. 98°06'. Records available: 1943, 1945-50. Feb. 8, 89.00.

Kinney County

XK-1. Ethel Whitaker. Lat. 29°13', long. 100°06'. Records available: 1937-50. Apr. 4, 67.74; Aug. 8, 69.82; Dec. 7, 73.89.

XK-5. Judge John Fritter. Lat. 29°16', long. 100°19'. Records available: 1937-50. Apr. 4, 30.15; Aug. 8, 33.72; Dec. 7, 34.62.

XK-9. C. J. Poehler. Lat. 29°18', long. 100°27'. Records available: 1937-50. Apr. 5, 35.98; Aug. 9, 39.77; Dec. 7, 40.92.

XK-11. J. F. Beidler. Lat. 29°19', long. 100°32'. Records available: 1937-50. Apr. 5, 26.63; Aug. 10, 28.46; Dec. 7, 27.89.

XK-12. J. F. Beidler. Lat. 29°21', long. 100°37'. Records available: 1937-50. Apr. 5, 27.55; Aug. 10, 29.75; Dec. 7, 30.37.

XK-13. Howard Roberts. Lat. 29°23', long. 100°41'. Records available: 1937-50. Apr. 5, 62.77; Aug. 10, 63.19; Dec. 7, 64.41.

XK-17. Jimmy Lowrance. Lat. 29°19', long. 100°25'. Records available: 1937-50. Apr. 4, 50.17; Aug. 9, 50.15; Dec. 7, 50.22.

XK-114. E. Webb. Lat. 29°25', long. 100°25'. Records available: 1938-50. Apr. 5, 66.25; Aug. 10, 68.26; Dec. 7, 69.09.

XK-116. J. D. Harwood. Lat. 29°27', long. 100°25'. Records available: 1938-50. Apr. 5, 135.25; Aug. 10, 136.90; Dec. 7, 136.26.

XK-170. Nolan & Postell. Lat. 29°25', long. 100°15'. Records available: 1940-42, 1946-50. Apr. 5, 195.01; Aug. 9, 200.49; Dec. 7, 191.19.

XK-180. N. P. Petersen. Lat. 29°23', long. 100°16'. Records available: 1938-43, 1946-48, 1950. Apr. 5, 175.24; Aug. 9, 175.65; Dec. 7, 179.11.

XK-187. Mrs. G. A. Harrison. Lat. 29°16', long. 100°16'. Records available: 1938-47, 1949-50. Apr. 4, 77.40; Aug. 8, 77.48; Dec. 7, 78.55.

XK-198. Charley Zinsmeister. Lat. 29°19', long. 100°29'. Records available: 1938-50. Aug. 10, 44.86; Dec. 7, 47.03.

XK-199. E. Webb. Lat. 29°19', long. 100°24'. Records available: 1939-50. Apr. 5, 37.74; Aug. 9, 38.01; Dec. 7, 39.60.

Kleberg County

8. Cola Blanco. King Estate. Lat. 27°36', long. 97°53'. Records available: 1932, 1934-35, 1943, 1945-50. Feb. 2, 102.09.

9. Protero. King Estate. Lat. 27°33', long. 97°54'. Records available: 1932, 1934-35, 1943, 1945-47, 1949-50. Feb. 2, 111.95.

13. Tamales. King Estate. Lat. 27°32', long. 98°02'. Records available: 1932-35, 1938-41, 1943-50. Jan. 10, 95.65; Feb. 10, 94.88; May 16, 94.95; Nov. 16, 100.65.

15. Puertos. King Estate. Lat. 27°32', long. 97°59'. Records available: 1932-35, 1938-41, 1943-50. Nov. 16, 92.12.

23. Caldero. King Estate. Lat. 27°30', long. 97°57'. Records available: 1932-35, 1938-41, 1943-44, 1946-50. Feb. 2, 109.00.
31. Liberty. King Estate. Lat. 27°29', long. 97°55'. Records available: 1932-34, 1938-41, 1943-47, 1949-50. Feb. 2, 93.86.
35. Silo. King Estate. Lat. 27°29', long. 97°54'. Records available: 1932-35, 1938-41, 1943-47, 1949-50. Feb. 2, 99.58.
64. Rincon Caesar. King Estate. Lat. 27°15', long. 97°51'. Records available: 1932-35, 1938-41, 1943-45, 1947-49. No measurement made in 1950.
75. Rancho Verde. King Estate. Lat. 27°42', long. 97°50'. Records available: 1932, 1943-46, 1949-50. Dec. 15, 1932, 32.50; Dec. 16, 1943, 62.43; May 6, 1944, 59.84; Mar. 15, 1945, 71.06; Feb. 17, 1949, 114.80; Feb. 10, 1950, 111.77.
188. J. R. Trussell. Lat. 27°27', long. 97°51'. Records available: 1932-35, 1938-41, 1943-50. Feb. 10, 84.84.
190. L. E. Flato and others. Lat. 27°27', long. 97°51'. Records available: 1932-35, 1938-41, 1943-45, 1947-49. No measurement made in 1950.
282. Pete Christensen. Lat. 27°20', long. 97°49'. Records available: 1933-34, 1938-40, 1943-45, 1947-49. No measurement made in 1950.
372. Caesar Pens. King Estate. Lat. 27°33', long. 97°50'. Records available: 1932, 1934-35, 1943, 1945-50. Feb. 10, 103.40.
374. Palo Marcado. King Estate. Lat. 27°31', long. 97°45'. Records available: 1933-34, 1943-49. No measurement made in 1950.
375. Noria Honda. King Estate. Lat. 27°31', long. 97°42'. Records available: 1933-35, 1938, 1940-41, 1943-50. Feb. 2, 41.63.
376. Leoncitas. King Estate. Lat. 27°29', long. 97°45'. Records available: 1933-34, 1943-47, 1949-50. Feb. 11, 74.70.
377. Mesquite. King Estate. Lat. 27°29', long. 97°43'. Records available: 1933-34, 1943-44, 1946-47, 1949-50. Feb. 11, 52.71.
380. Telephone 1. King Estate. Lat. 27°28', long. 97°41'. Records available: 1933-34, 1938, 1940-41, 1943-47, 1949-50. Feb. 11, 37.48.
384. Aljibes. King Estate. Lat. 27°31', long. 97°37'. Records available: 1933-34, 1938-40, 1941, 1943, 1945-50. Feb. 11, 23.60.
385. Palacios. King Estate. Lat. 27°32', long. 97°38'. Records available: 1933-35, 1938, 1940-41, 1943-45, 1947, 1949-50. Feb. 11, 30.10.
386. Chiltipin. King Estate. Lat. 27°32', long. 97°35'. Records available: 1943-45, 1947-50. Feb. 11, 26.77.

Lamb County

1. H. H. Engleking. NW. corner SE $\frac{1}{4}$ sec. 14, blk. W, lat. 34°18', long. 102°36'. Records available: 1936-47, 1949-50. Feb. 17, 70.62.
- 3a. J. P. Crawford. NW. corner SW $\frac{1}{4}$ sec. 30, blk. W, lat. 34°16', long. 102°36'. Records available: 1934, 1936-50. Feb. 17, 34.61.
6. Albert Lavigne. NW. corner SW $\frac{1}{4}$ sec. 35, blk. W, lat. 34°16', long. 102°36'. Records available: 1934, 1936-50. Feb. 17, 34.61.
7. Lillie Bickle. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 46, blk. W, lat. 34°14', long. 102°36'. Records available: 1934, 1936-44, 1946-47, 1949-50. Feb. 17, 22.32.
8. J. L. Withrow. NW. corner NE $\frac{1}{4}$ sec. 51, blk. W, lat. 34°14', long. 102°36'. Records available: 1936-50. Feb. 17, 20.12.
13. John Fryie. NW. corner sec. 45, blk. W, lat. 34°15', long. 102°35'. Records available: 1934, 1936-50. Feb. 17, 27.69.
16. E. K. Warren. NW. corner NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, blk. W, lat. 34°16', long. 102°35'. Records available: 1936-50. Feb. 17, 41.40.

19. John Allen. NW. corner $SE\frac{1}{4}$ sec. 36, blk. W, lat. $34^{\circ}15'$, long. $102^{\circ}35'$. Records available: 1913, 1936-45, 1947-50. Feb. 17, 27.60.

30. J. M. Young. $NE\frac{1}{4}NE\frac{1}{4}SE\frac{1}{4}$ sec. 38, blk. W. lat. $34^{\circ}15'$, long. $102^{\circ}32'$. Records available: 1936-50. Feb. 17, 29.15.

38. Andrew Dutton. $SE\frac{1}{4}NE\frac{1}{4}NE\frac{1}{4}$ sec. 57, blk. 2, lat. $34^{\circ}15'$, long. $102^{\circ}29'$. Records available: 1936-38, 1943-50. Feb. 17, 41.65.

46b. Gus Parish. $NE\frac{1}{4}NE\frac{1}{4}$ sec. 78, blk. 2, W. E. H. subdivision, lat. $34^{\circ}13'$, long. $102^{\circ}24'$. Records available: 1946-50. Feb. 16, 39.84.

50b. Bruce Higgens. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 81, blk. 2, lat. $34^{\circ}12'$, long. $102^{\circ}22'$. Records available: 1942-50. Feb. 16, 49.20.

54. R. G. Wilson. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 39, blk. 1, Halsell subdivision, lat. $34^{\circ}18'$, long. $102^{\circ}21'$. Records available: 1937-38, 1942-50. Feb. 16, 95.77.

56. N. F. Cleavinger. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 53, blk. 1, lat. $34^{\circ}16'$, long. $102^{\circ}19'$. Records available: 1940, 1942-45, 1947-49. No measurement made in 1950.

57. E. M. Gettys. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 59, blk. 1, W. E. H. survey. Lat. $34^{\circ}15'$, long. $102^{\circ}19'$. Records available: 1942-49. No measurement made in 1950.

57d. E. M. Gettys. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 59, blk. 1. Lat. $34^{\circ}14'$, long. $102^{\circ}19'$. Records available: 1942-49. No measurement made in 1950.

60. S. A. Davis. NW. corner $SE\frac{1}{4}$ sec. 69, blk. 1. Lat. $34^{\circ}14'$, long. $102^{\circ}18'$. Records available: 1937-50. Feb. 16, 74.57.

62f. Robertson Bros. $SW\frac{1}{4}NW\frac{1}{4}$ sec. 8, blk. A. Lat. $34^{\circ}14'$, long. $102^{\circ}09'$. Records available: 1942-45, 1947-50. Feb. 16, 101.80.

62h. F. W. Dodson. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 17, blk. A. Lat. $34^{\circ}12'$, long. $102^{\circ}11'$. Records available: 1942-50. Feb. 16, 92.32.

63b. H. B. Carson. SW. corner sec. 4, blk. 4. Lat. $34^{\circ}14'$, long. $102^{\circ}05'$. Records available: 1942-45, 1947-49. No measurement made in 1950.

70a. I. V. Fent. NW. corner sec. 6, blk. B. Lat. $34^{\circ}06'$, long. $102^{\circ}07'$. Records available: 1938, 1942-49. No measurement made in 1950.

71. A. S. Nafzger. $NW\frac{1}{4}NW\frac{1}{4}$ sec. 29, blk. 02, lat. $34^{\circ}08'$, long. $102^{\circ}07'$. Records available: 1937, 1942-45, 1947-50. Feb. 16, 67.22.

76. F. E. Gladden. NW. corner $NE\frac{1}{4}$ sec. 12, blk. TI, TAT survey, lat. $34^{\circ}11'$, long. $102^{\circ}14'$. Records available: 1937-39, 1941-44, 1946-50. Feb. 16, 75.45.

88. Halsell Cattle Co. $SW\frac{1}{4}$ lab. 20, lge. 238. Lat. $34^{\circ}06'$, long. $102^{\circ}25'$. Records available: 1937-50. Feb. 17, 36.29.

231. Vincent Peterman. Center of $NE\frac{1}{4}$ lab. 16, lge. 218. Lat. $34^{\circ}06'$, long. $102^{\circ}35'$. Records available: 1937-42, 1946-50. Feb. 17, 92.61.

236. L. D. Criswell. $NW\frac{1}{4}SE\frac{1}{4}$ lab. 24, lge. 649, lat. $33^{\circ}59'$, long. $102^{\circ}23'$. Records available: 1937-38, 1940-48. No measurement made in 1950.

243. Les Barker. Center of lab. 5, lge. 664, lat. $33^{\circ}56'$, long. $102^{\circ}21'$. Records available: 1937-48, 1950. Feb. 17, 75.40.

307. Hubert Couch. $NE\frac{1}{4}SE\frac{1}{4}$ sec. 125, blk. A, lat. $33^{\circ}49'$, long. $102^{\circ}12'$. Records available: 1937, 1947-50. Feb. 17, 41.54.

322. R. A. Hipps. Formerly Yellow House Land Co. NW. corner lab. 16, lge. 671, lat. $33^{\circ}53'$, long. $102^{\circ}16'$. Records available: 1937-50. Feb. 17, 47.69.

341a. Yellow House Land Co. SE. corner $NW\frac{1}{4}NE\frac{1}{4}$ lab. 23, lge. 671. Lat. $33^{\circ}52'$, long. $102^{\circ}14'$. Records available: 1938-50. Feb. 17, 51.12.

Liberty County

10. C. W. Dove. Lat. $30^{\circ}19'$, long. $95^{\circ}02'$. Records available: 1945, 1948-50. Apr. 5, 3.90; Oct. 30, 8.64.

13. Corrigan Lumber Co. In Cleveland. Lat. 30°20', long. 95°05'. Records available: 1945, 1948-50. Apr. 5, 21.90; Oct. 30, 24.12.
20. M. A. Ellis. Lat. 30°24', long. 95°00'. Records available: 1943, 1948-50. Apr. 5, 27.09; Oct. 30, 27.83.
24. J. W. Whatley. Lat. 30°22', long. 94°58'. Records available: 1945, 1948-50. Apr. 5, 29.21; Oct. 30, 28.92.
28. Harvard Ranch. Lat. 30°13', long. 94°57'. Records available: 1945, 1948-50. Apr. 5, 43.46; Oct. 30, 48.13.
60. C. Die. Lat. 30°25', long. 94°54'. Records available: 1945, 1948-50. Apr. 5, 47.29; Oct. 30, 47.27.
61. C. Die. Lat. 30°25', long. 94°53'. Records available: 1945, 1948-50. Apr. 5, 52.04; Oct. 30, 54.94.
71. John Griffin. Lat. 30°26', long. 94°45'. Records available: 1945, 1948-50. Apr. 5, 39.56; Oct. 30, 44.5.
77. W. A. Conner. Lat. 30°07', long. 94°55'. Records available: 1945, 1948-50. Apr. 5, 61.42; Oct. 19, 78.93.
81. D. A. Reidland. Lat. 30°06', long. 94°58'. Records available: 1945, 1948-50. Apr. 3, 54.99; Oct. 31, 82.10.
85. E. J. Stoesser well 1. Lat. 30°04', long. 95°00'. Records available: 1944, 1948-50. Apr. 3, 61.51; Oct. 31, 85.92.
88. Leo Moreau. Lat. 30°02', long. 94°57'. Records available: 1945, 1948-50. Apr. 3, 67.66; Oct. 19, 73.98.
98. Magnolia Pipe Line Co. Lat. 30°02', long. 95°01'. Records available: 1945, 1948-50. Apr. 3, 58.30; Oct. 18, 83.02.
124. Peoples Lumber & Supply Co. In Dayton. Lat. 30°02', long. 94°53'. Records available: 1945, 1948-50. Apr. 3, 63.66.
125. Humble Pipe Line Co. Lat. 30°00', long. 94°53'. Records available: 1945, 1948-50. Apr. 3, 62.61; Oct. 19, 73.98.
133. J. M. Traeger. Lat. 30°01', long. 94°50'. Records available: 1945, 1948-50. Apr. 3, 20.87.
141. Russ Mitchell Co. Lat. 30°05', long. 94°54'. Records available: 1936, 1948-50. Apr. 3, 61.92; Oct. 18, 88.25.
152. S. E. Viles. Lat. 30°09', long. 94°43'. Records available: 1945, 1948-50. Apr. 5, 38.31; Oct. 31, 45.27.
173. Hamill and Smith. Lat. 30°05', long. 94°38'. Records available: 1938, 1948-50. Apr. 6, 32.39; Oct. 20, 46.03.
178. City of Liberty. In Liberty. Lat. 30°03', long. 94°47'. Records available: 1944, 1948-50. Apr. 5, 0.93; Oct. 19, 6.18.
179. City of Liberty well 3. In Liberty. Lat. 30°03', long. 94°47'. Records available: 1943-44, 1948-50. Apr. 5, 22.37; Oct. 19, 30.24.
182. City of Liberty. In Liberty. Lat. 30°03', long. 94°47'. Records available: 1944, 1948-50. Apr. 5, 9.41; Oct. 19, 14.69.
185. Layl Sandwich shop. In Liberty. Lat. 30°03', long. 94°47'. Records available: 1944, 1948-49. Measurement discontinued.
216. Devers Canal Co. Lat. 29°56', long. 94°46'. Records available: 1944, 1948-50. Oct. 20, 6.73.
222. A. R. Milintz. Lat. 29°58', long. 94°43'. Records available: 1945, 1948-50. Apr. 6, 18.36; Oct. 20, 21.58.
227. Texas Pipe Line Co. Lat. 29°59', long. 94°36'. Records available: 1938, 1948-50. Apr. 7, 26.18.

229. V. D. Myers. Lat. $30^{\circ}01'$, long. $94^{\circ}34'$. Records available: 1945, 1948-50. Apr. 7, 6.44; Oct. 20, 8.11.

234. B. H. Willis Estate. Lat. $30^{\circ}00'$, long. $94^{\circ}30'$. Records available: 1945, 1948-50. Apr. 7, 13.20; Oct. 20, 14.99.

237. Sinclair Pipe Line Co. Lat. $30^{\circ}01'$, long. $94^{\circ}30'$. Records available: 1945, 1948-50. Apr. 7, 18.57; Oct. 20, 22.32.

Lubbock County

3a. E. E. Winters. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 43, blk. P. Lat. $33^{\circ}45'$, long. $102^{\circ}03'$. Records available: 1938-40, 1943-46, 1948-49. No measurement made in 1950.

35a. A. M. Becton. NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 138, blk. C. Lat. $33^{\circ}47'$, long. $101^{\circ}36'$. Records available: 1947-50. Feb. 13, 97.72.

37. Claude H. Dalton. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 149, blk. C. Lat. $33^{\circ}46'$, long. $101^{\circ}38'$. Records: 1937, 1939-50. Feb. 13, 79.35.

50a. L. D. Phillips. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, blk. D7. Lat. $33^{\circ}42'$, long. $101^{\circ}40'$. Records available: 1947-50. Feb. 13, 80.95.

64a. W. O. Fortenberry. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 30, blk. D. Lat. $33^{\circ}44'$, long. $101^{\circ}49'$. Records available: 1937-49. No measurement made in 1950.

74a. J. S. George. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 37, blk. A. Lat. $33^{\circ}40'$, long. $101^{\circ}51'$. Records available: 1938-47, 1949. No measurement made in 1950.

75b. J. B. Taylor. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, blk. A. Lat. $33^{\circ}41'$, long. $101^{\circ}51'$. Records available: 1947-50. Feb. 13, 72.57.

77a. J. H. Felton. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, blk. A. Lat. $33^{\circ}41'$, long. $101^{\circ}50'$. Records available: 1938, 1940, 1943-50. Feb. 13, 79.98.

81. J. E. Vickers. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, blk. A. Lat. $33^{\circ}39'$, long. $101^{\circ}50'$. Records available: 1936-50. Feb. 14, 46.00.

83. Billy Meyers. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, blk. A. Lat. $33^{\circ}39'$, long. $101^{\circ}52'$. Records available: 1947-50. Feb. 13, 48.58.

99. R. B. Gray. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, blk. P. Lat. $33^{\circ}43'$, long. $102^{\circ}04'$. Records available: 1937-38, 1940, 1942-50. Feb. 16, 35.98.

101. J. E. Armes. SW. corner sec. 38, blk. P. Lat. $33^{\circ}41'$, long. $102^{\circ}04'$. Records available: 1937-43, 1945, 1947, 1949-50. Feb. 16, 71.56.

106a. Bob Crump. NE. corner NE $\frac{1}{4}$ sec. 28, blk. D5. Lat. $33^{\circ}41'$, long. $102^{\circ}00'$. Records available: 1947-50. Feb. 17, 41.46.

107. B. G. Lokey. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, blk. D5. Lat. $33^{\circ}41'$, long. $101^{\circ}59'$. Records available: 1937-50. Feb. 17, 51.35.

114. G. W. McCleary. SW. corner NW $\frac{1}{4}$ sec. 29, blk. JS. Lat. $33^{\circ}38'$, long. $101^{\circ}58'$. Records available: 1947-50. Feb. 16, 64.96.

114a. G. W. McCleary. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, blk. JS. Lat. $33^{\circ}38'$, long. $101^{\circ}58'$. Records available: 1947-49. Measurement discontinued.

114b. G. W. McCleary. NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, blk. JS. Lat. $33^{\circ}38'$, long. $101^{\circ}58'$. Records available: 1947-50. Feb. 16, 60.85.

118. T. C. James. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, blk. JS. Lat. $33^{\circ}36'$, long. $101^{\circ}59'$. Records available: 1936-50. Feb. 16, 90.93.

119a. V. L. Cade. NW. corner SE $\frac{1}{4}$ sec. 2, blk. D6. Lat. $33^{\circ}35'$, long. $101^{\circ}59'$. Records available: 1947-50. Feb. 16, 85.68.

121. Mrs. Brown. SE $\frac{1}{4}$ sec. 1, blk. D6, lat. $33^{\circ}35'$, long. $101^{\circ}58'$. Records available: 1937-45, 1947-50. Feb. 16, 82.64.

123. R. C. Robbs. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. JS. Lat. $33^{\circ}35'$, long. $101^{\circ}57'$. Records available: 1936-50. Feb. 16, 71.74.

128. Rufus Rush. West line of SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, blk. E2, lat. 33°36', long. 101°54'. Records available: 1936-48. Measurement discontinued.

132. J. W. Ross, Jr. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, blk. E2. Lat. 33°35', long. 101°55'. Records available: 1947-50. Feb. 15, 53.48.

132a. J. W. Ross, Jr. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, blk. JS. Lat. 33°35', long. 101°55'. Records available: 1947-49. No measurement made in 1950.

138. S. F. Faulkner. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, blk. JS, lat. 33°37', long. 101°57'. Records available: 1937-43, 1945-50. Feb. 16, 46.12.

139. J. W. Ellis. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, blk. JS. Lat. 33°38', long. 101°56'. Records available: 1937-50. Feb. 17, 30.41.

150a. M. C. Gibson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, blk. A, between U. S. Highway 84 and Panhandle & Santa Fe Railway. Lat. 33°38', long. 101°55'. Records available: 1938-48. No measurement made in 1950.

151. R. C. Hopping. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, blk. Lat. 33°37', long. 101°54'. Records available: 1937-50. Feb. 15, 36.57.

154. John King. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, blk. A. Lat. 33°35', long. 101°54'. Records available: 1937-47, 1949-50. Feb. 15, 48.71.

156. J. M. Phillips. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, blk. A. Lat. 33°36', long. 101°53'. Records available: 1936-50. Feb. 15, 59.24.

188. Texas State Experiment Station No. 8. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, blk. 0. Lat. 33°35', long. 101°47'. Records available: 1937-50. Feb. 17, 77.64.

216. Mr. Darby. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. RG. Lat. 33°36', long. 101°40'. Records available: 1937, 1944-50. Feb. 14, 51.90.

219. E. N. Harrison. NW. corner sec. 5, blk. RG. Lat. 33°38', long. 101°41'. Records available: 1937-50. Feb. 14, 46.12.

222. R. T. Groves. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. RG. Lat. 33°38', long. 101°39'. Records available: 1937-50. Feb. 14, 54.34.

223. W. C. Grimes. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11, blk. PG. Lat. 33°37', long. 101°38'. Records available: 1937-50. Feb. 14, 39.74.

234a. R. A. Boyd. SW $\frac{1}{4}$ lab. 12, lge. 4. Lat. 33°34', long. 101°38'. Records available: 1947-50. Feb. 14, 62.35.

301. Mrs. Francis Neutzler. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 68, blk. S. Lat. 33°28', long. 101°47'. Records available: 1937, 1939-41, 1943-50. Feb. 16, 59.09.

314. C. M. Bender. SW. corner SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, blk. B. Lat. 33°33', long. 101°54'. Records available: 1937-50. Feb. 15, 52.92.

316. E. A. Hankins. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, blk. E2. Lat. 33°33', long. 101°55'. Records available: 1937-39, 1942-43, 1945-47, 1949-50. Feb. 17, 64.33.

319a. S. J. Paschall. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, blk. E2. Lat. 33°31', long. 101°54'. Records available: 1947-50. Feb. 15, 79.00.

331a. James Locker. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, blk. CB. Lat. 33°27', long. 102°01'. Records available: 1938-45, 1947-50. Feb. 16, 75.46.

338. George Langford. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, blk. A. Lat. 33°32', long. 101°59'. Records available: 1947-50. Feb. 16, 70.00.

339. J. E. Hinson. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 34, blk. AK. Lat. 33°32', long. 101°58'. Records available: 1937, 1939-50. Feb. 16, 67.75.

355. J. A. Medlock. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, blk. CB. Lat. 33°29', long. 102°03'. Records available: 1937-50. Feb. 16, 86.16.

369. J. P. Clark. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, blk. 20. Lat. 33°26', long. 101°51'. Records available: 1936, 1938, 1940, 1942-50. Feb. 16, 86.25.

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'. Records available: 1947-50. Feb. 15, 90.68.

372. W. P. Martin. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13, blk. 20. Lat. 33°23', long. 101°48'. Records available: 1937-38, 1944-45, 1947, 1949-50. Feb. 15, 95.25.

375a. V. P. Henrich. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, blk. 20. Lat. 33°24', long. 101°44'. Records available: 1947-50. Feb. 15, 82.98.

376b. L. L. Green. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, blk. 20. Lat. 33°24', long. 101°45'. Records available: 1947-49. No measurement made in 1950.

379c. H. F. Schilling. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, blk. 24, lat. 33°24', long. 101°41'. Records available: 1947-50. Feb. 15, 86.23.

383. H. B. Hobgood. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, blk. CB. Lat. 33°28', long. 102°03'. Records available: 1937-40, 1942, 1944-49. No measurement made in 1950.

387. W. J. Garrett. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, blk. B, lat. 33°34', long. 101°53'. Records available: 1937-46, 1948. Measurement discontinued.

389. E. Scott Jones. Center NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, blk. B, lat. 33°34', long. 101°54'. Records available: 1937-45, 1949-50. Feb. 15, 28.10.

392. Mrs. Betty Lindsey and others. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, blk. D6, lat. 33°34', long. 102°04'. Records available: 1937-39, 1942-50. Feb. 16, 94.40.

395. H. W. Stanton. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 16, blk. A, lat. 33°37', long. 101°51'. Records available: 1937-45, 1948-50. Feb. 15, 54.73.

398. E. E. Ireland. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, blk. D5, lat. 33°39', long. 101°57'. Records available: 1937-47, 1949-50. Feb. 17, 18.96.

401. Virginia Bacon. SE. corner SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 39, blk. D, lat. 33°42', long. 101°50'. Records available: 1937-48. Measurement discontinued.

402. Fort Worth & Denver Railway Co. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 65, blk. A, lat. 33°39', long. 101°43'. Records available: 1937-50. Feb. 13, 43.87.

403. J. E. Smiley. SW. corner SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 56, blk. A, lat. 33°38', long. 101°44'. Records available: 1937-49. Measurement discontinued.

421. E. E. Elliott. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, blk. JS. Lat. 33°39', long. 101°58'. Records available: 1947-49. No measurement made in 1950.

448a. A. L. Faubion. NW. corner NE $\frac{1}{4}$ sec. 28, blk. D, lat. 33°44', long. 101°47'. Records available: 1947-50. Feb. 13, 110.82.

448b. C. R. Nix. NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, blk. D7, lat. 33°45', long. 101°49'. Records available: 1947-50. Feb. 13, 114.29.

448c. C. R. Nix. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, blk. D7, lat. 33°45', long. 101°49'. Records available: 1947-50. Feb. 13, 108.01.

473. F. H. Cannon. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 147, blk. C, lat. 33°47', long. 101°38'. Records available: 1947-50. Feb. 13, 98.48.

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'. Records available: 1947-50. Feb. 13, 96.76.

490. George D. Whiting. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 148, blk. C, lat. 33°45', long. 101°38'. Records available: 1947-50. Feb. 13, 88.84.

492. Donald Bledsoe. NW. corner SE $\frac{1}{4}$ sec. 149, blk. C, lat. 33°45', long. 101°38'. Records available: 1944, 1947-50. Feb. 13, 80.84.

497. A. B. Steen. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, blk. D7, lat. 33°44', long. 101°39'. Records available: 1947-50. Feb. 13, 92.57.

498. V. C. and Ed Snodgrass. NW. corner SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 151, blk. C, lat. 33°44', long. 101°38'. Records available: 1941, 1944-45, 1947-50. Feb. 13, 93.90.

509. E. A. Hendrick. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 94, blk. C, lat. 33°42', long. 101°35'. Records available: 1947-50. Feb. 14, 86.33.

514. E. A. Hendrick. $SE\frac{1}{4}NE\frac{1}{4}SW\frac{1}{4}$ sec. 94, blk. C, lat. $33^{\circ}41'$, long. $101^{\circ}35'$. Records available: 1947-50. Feb. 14, 89.91.

515. E. A. Hendrick. $NE\frac{1}{4}SE\frac{1}{4}SE\frac{1}{4}$ sec. 94, blk. C, lat. $33^{\circ}42'$, long. $101^{\circ}34'$. Records available: 1947-50. Feb. 14, 94.16.

528a. Aubrey Pounds. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 127, blk. C, lat. $33^{\circ}37'$, long. $101^{\circ}37'$. Records available: 1947-50. Feb. 14, 68.88.

528b. C. C. Sherrod. $NW\frac{1}{4}NE\frac{1}{4}NW\frac{1}{4}$ sec. 126, blk. C, lat. $33^{\circ}37'$, long. $101^{\circ}37'$. Records available: 1947-50. Feb. 14, 74.32.

560. G. L. Manning. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 39, blk. D7, lat. $33^{\circ}40'$, long. $101^{\circ}42'$. Records available: 1947-50. Feb. 13, 56.88.

571. H. W. Lasater. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 12, blk. RG, lat. $33^{\circ}37'$, long. $101^{\circ}40'$. Records available: 1944, 1947-50. Feb. 14, 43.26.

583. LaVerne Pounds. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 75, blk. RG, lat. $33^{\circ}36'$, long. $101^{\circ}39'$. Records available: 1947-49. No measurement made in 1950.

583a. Douglas Pounds. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 160, blk. C, lat. $33^{\circ}36'$, long. $101^{\circ}38'$. Records available: 1947-50. Feb. 14, 48.01.

595. C. C. Sherrod. $SW\frac{1}{4}NW\frac{1}{4}$ sec. 68, blk. A, lat. $33^{\circ}36'$, long. $101^{\circ}43'$. Records available: 1947-50. Feb. 14, 61.47.

601. Robert S. Collins. $SE\frac{1}{4}SE\frac{1}{4}$ sec. 25, blk. A, lat. $33^{\circ}36'$, long. $101^{\circ}46'$. Records available: 1947-50. Feb. 14, 66.59.

609. H. M. Kinnard, Jr. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 45, blk. A, lat. $33^{\circ}38'$, long. $101^{\circ}46'$. Records available: 1947-50. Feb. 13, 40.91.

630a. Cecil Brashear. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 61, blk. A, lat. $33^{\circ}42'$, long. $101^{\circ}44'$. Records available: 1947-50. Feb. 13, 71.91.

644a. G. L. Manning. NE. corner $NW\frac{1}{4}NW\frac{1}{4}$ sec. 4, blk. D3, lat. $33^{\circ}40'$, long. $101^{\circ}48'$. Records available: 1947-50. Feb. 13, 72.10.

650. Elmer Edwards. $NE\frac{1}{4}SW\frac{1}{4}$ sec. 6, blk. D3, lat. $33^{\circ}40'$, long. $101^{\circ}47'$. Records available: 1947-50. Feb. 13, 73.60.

689a. Dick Adams. NW. corner $SW\frac{1}{4}$ sec. 11, blk. A, lat. $35^{\circ}37'$, long. $101^{\circ}52'$. Records available: 1947-50. Feb. 15, 51.91.

690. O. C. Horne. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 1, blk. D4, lat. $33^{\circ}38'$, long. $101^{\circ}52'$. Records available: 1947-50. Feb. 15, 49.70.

702. L. E. McMenemy. $NW\frac{1}{4}NE\frac{1}{4}NW\frac{1}{4}$ sec. 12, blk. D2, lat. $33^{\circ}41'$, long. $101^{\circ}54'$. Records available: 1947-50. Feb. 17, 83.24.

734. E. E. Elliott. $SW\frac{1}{4}SW\frac{1}{4}NW\frac{1}{4}$ sec. 24, blk. JS, lat. $33^{\circ}38'$, long. $101^{\circ}58'$. Records available: 1947-50. Feb. 16, 52.76.

766. Lloyd Huffaker. $SW\frac{1}{4}NW\frac{1}{4}$ sec. 3, blk. D6, lat. $33^{\circ}35'$, long. $102^{\circ}01'$. Records available: 1947-50. Feb. 16, 90.75.

766a. Lloyd Huffaker. $SE\frac{1}{4}$ sec. 3, blk. D6, lat. $33^{\circ}35'$, long. $102^{\circ}00'$. Records available: 1947-50. Feb. 16, 88.45.

775a. M. L. Sheppard. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 9, blk. D6, lat. $33^{\circ}32'$, long. $102^{\circ}02'$. Records available: 1947-50. Feb. 16, 82.64.

776. S. B. Nelson. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 10, blk. D6, lat. $33^{\circ}32'$, long. $102^{\circ}01'$. Records available: 1947-50. Feb. 16, 84.58.

776a. S. B. Nelson. $SW\frac{1}{4}NE\frac{1}{4}$ sec. 10, blk. D6, lat. $33^{\circ}32'$, long. $102^{\circ}00'$. Records available: 1947-50. Feb. 16, 81.17.

786. Johnny Patterson. $SE\frac{1}{4}NE\frac{1}{4}$ sec. 29, blk. CB, lat. $33^{\circ}29'$, long. $102^{\circ}00'$. Records available: 1947-50. Feb. 16, 104.74.

787. R. S. Hobgood. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 71, blk. 20, lat. $33^{\circ}26'$, long. $102^{\circ}02'$. Records available: 1947-50. Feb. 16, 86.52.

787a. R. S. Hobgood. NW $\frac{1}{4}$ sec. 130, blk. 20, lat. 33°26', long. 102°02'. Records available: 1947-50. Feb. 16, 88.72.

818a. J. B. Patterson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, blk. 20, lat. 33°23', long. 101°46'. Records available: 1947-50. Feb. 15, 98.04.

820a. F. H. Griffin. SW. corner sec. 8, blk. 20, lat. 33°24', long. 101°47'. Records available: 1945, 1947-50. Feb. 15, 96.45.

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'. Records available: 1942-43, 1945, 1947-50. Feb. 16, 88.84.

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'. Records available: 1947-50. Feb. 16, 76.71.

847. Texas Highway Department. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, blk. E, lat. 33°31', long. 101°50'. Records available: 1939, 1944-45, 1947-50. Feb. 15, 80.58.

853a. Glenn M. Wages. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, blk. S, lat. 33°32', long. 101°47'. Records available: 1947-50. Feb. 15, 48.97.

868a. W. T. Lemon. SW. corner NW $\frac{1}{4}$ sec. 75, blk. S, lat. 33°27', long. 101°47'. Records available: 1947-50. Feb. 15, 75.27.

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'. Records available: 1947-50. Feb. 14, 88.28.

887b. Earl Rogers. NE $\frac{1}{4}$ lab. 28, lge. 4, San Augustine County School Land. Lat. 33°33', long. 101°38'. Records available: 1947-50. Feb. 14, 71.74.

Lynn County

605. L. King. NE. corner sec. 396, blk. 5, lat. 33°16', long. 101°48'. Records available: 1937-40, 1942-44, 1949. No measurement made in 1950.

701. E. E. Fagg. NE $\frac{1}{4}$ sec. 41, blk. 8, lat. 33°00', long. 101°48'. Records available: 1937-38, 1942, 1943-44, 1949-50. Feb. 19, 63.92.

703. Levi Gray. SW. corner NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, blk. 8, lat. 33°00', long. 101°48'. Records available: 1937-40, 1946-50. Feb. 19, 63.59.

705. M. M. Davis. SW. corner NE $\frac{1}{4}$ sec. 208, blk. 4, lat. 33°05', long. 101°47'. Records available: 1937-40, 1949-50. Feb. 19, 21.43.

711. Carl Griffin. SW. corner NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 207, blk. 4, lat. 33°06', long. 101°48'. Records available: 1937-38, 1949-50. Feb. 19, 17.40.

713a. City of Tahoka. In Tahoka, 100 feet northeast of city standpipe, lat. 33°10', long. 101°47'. Records available: 1938-40, 1942-44, 1949. Measurement discontinued.

Matagorda County

3. Southern Pacific Railroad Co. About 0.6 mile west of highway intersection at Midfield, lat. 28°56', long. 96°13'. Records available: 1934, 1938-41, 1943-46, 1948-50. Mar. 23, 6.20.

33. Turtle Bay School. Lat. 28°43', long. 96°17'. Records available: 1938-42, 1944-46, 1948-50. Mar. 23, 17.82.

40. City of Palacios. At waterworks in Palacios, lat. 28°42', long. 96°12'. Records available: 1934, 1938-46, 1948-50. Mar. 23, 13.39.

Maverick County

M3-3. M. Rambie. About 0.2 mile west of well M3-7, lat. 28°55', long. 100°03'. Records available: 1948-49. No measurement made in 1950.

M3-7. M. Rambie. About 100 years north of ranchhouse. Lat. 28°56', long. 100°06'. Records available: 1930, 1947-50. Aug. 17, 34.90.

M3-7a. M. Rambie. About 100 feet south of ranchhouse. Lat. 28°55', long. 100°06'. Records available: 1946-50. Aug. 17, 46.40.

Medina County

I-2-7. Alfred Schlentz. Lat. 29°27', long. 99°11'. Records available: 1930, 1934, 1937-45, 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	204.00	May 1	202.13	Aug. 1	199.33	Nov. 1	210.36
Feb. 23	200.63	June 1	201.51	Sept. 1	207.72	Dec. 3	213.24
Mar. 28	197.95	July 3	202.17	Oct. 2	207.13		

I-3-3. Gus Britch. Lat. 29°24', long. 99°07'. Records available: 1930, 1934, 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	188.34	May 1	196.43	Aug. 1	196.57	Nov. 1	207.11
Feb. 23	182.60	June 1	191.16	Sept. 1	198.38	Dec. 3	221.2
Mar. 28	192.40	July 3	193.59	Oct. 2	200.75		

I-3-4. H. W. McClain. Lat. 29°26', long. 99°06'. Records available: 1930, 1934, 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	194.29	May 1	194.70	Aug. 1	196.10	Nov. 3	200.33
Feb. 23	194.22	June 1	195.58	Sept. 1	197.48	Dec. 4	202.56
Mar. 28	194.66	July 3	195.08	Oct. 2	198.71		

I-4-18. Ross Kennedy Estate. Lat. 29°19', long. 99°24'. Records available: 1930, 1934, 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	226.91	May 1	228.78	Aug. 3	231.58	Nov. 3	240.40
Feb. 23	227.10	June 2	228.96	Sept. 1	233.27	Dec. 6	242.58
Mar. 28	227.93	July 3	229.78	Oct. 2	235.15		

I-4-28. Will Kelly. Lat. 29°15', long. 99°20'. Records available: 1930, 1934, 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	216.56	May 1	217.93	Aug. 1	224.73	Nov. 3	230.99
Feb. 23	216.18	June 2	218.12	Oct. 2	223.87	Dec. 6	229.14
Mar. 28	217.17	July 3	220.13				

I-4-30. Virgil Johnson. Lat. 29°10', long. 99°19'. Records available: 1930, 1934, 1937-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	52.14	May 1	54.47	Aug. 1	56.30	Nov. 3	61.11
Feb. 23	51.66	June 2	54.56	Sept. 1	58.02	Dec. 6	64.61
Mar. 28	52.65	July 3	54.59	Oct. 2	59.62		

XM-3. John Krenmueller. Lat. 29°20', long. 98°59'. Records available: 1937-45, 1947-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 23	59.31	June 2	60.58	Sept. 1	62.48	Nov. 1	64.30
Mar. 28	60.40	July 3	62.45	Oct. 2	62.85	Dec. 5	66.45
May 1	60.37	Aug. 2	65.34				

Montgomery County

22. City of Conroe. In Conroe, lat. 30°18', long. 95°27'. Records available: 1931, 1939-50. Feb. 14, 1.16; June 20, 1.23; Sept. 26, 3.22; Dec. 7, 6.55.

29. Brown Estate. Lat. 30°17', long. 95°27'. Records available: 1931-36, 1938-50. Feb. 14, 15.83; June 20, 14.52; Sept. 26, 21.28; Dec. 7, 23.16.

45. Blair & Sons. At Tamina, lat. 30°10', long. 95°26'. Records available: 1931-36, 1938-50. Feb. 14, 12.88; June 20, 16.28; Sept. 26, 17.39; Dec. 7, 19.30.

46. E. W. Castleschoult. Lat. 30°10', long. 95°27'. Records available: 1931-36, 1938-50. Feb. 14, 27.43; June 20, 27.66; Sept. 23, 27.86; Dec. 7, 28.15.

57. R. E. Hix and J. W. Bolinghouse. Lat. 30°20', long. 95°28'. Records available: 1940-50. Feb. 14, 40.86; June 20, 35.78; Sept. 23, 40.64; Dec. 7, 41.38.

140. J. M. Liles test hole R-2. Lat. 30°19', long. 95°27'. Records available: 1940-50. Feb. 14, 6.46; June 20, 6.69; Sept. 23, 10.33; Dec. 7, 11.45.

Nacogdoches County

322. Southland Paper Mills, Inc. well C7-0. Lat. 31°27', long. 94°45'. Records available: 1941-50. May 19, 179.15; July 24, 181.80.

325. Southland Paper Mills, Inc. well C9-0. Lat. $31^{\circ}27'$, long. $94^{\circ}34'$. Records available: 1941-50. Feb. 7, 192.83; May 19, 197.92; July 24, 200.61.

331. Southland Paper Mills, Inc. well W4-0. Lat. $31^{\circ}29'$, long. $94^{\circ}42'$. Records available: 1941-50. Feb. 15, 137.50; May 19, 140.88; July 24, 144.24.

Parmer County

4. H. McMillan. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 13, T. 16 S., lat. $34^{\circ}20'$, long. $102^{\circ}57'$. Records available: 1937, 1949-50. Feb. 13, 116.28.

6. Mrs. K. Hamlin. $SE\frac{1}{4}NE\frac{1}{4}$ sec. 4, T. 16 S., lat. $34^{\circ}22'$, long. $102^{\circ}59'$. Records available: 1937-38, 1942-43, 1945, 1948-50. Feb. 13, 153.05.

9. J. T. Coburn. Formerly J. A. Jones. $NE\frac{1}{4}SW\frac{1}{4}$ sec. 11, T. 9 S., lat. $34^{\circ}26'$, long. $102^{\circ}58'$. Records available: 1937-39, 1948-50. Feb. 13, 213.59.

10. J. M. Gunn. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 28, T. 7 S., lat. $34^{\circ}29'$, long. $102^{\circ}54'$. Records available: 1937-38, 1948-50. Feb. 14, 167.13.

11a. T. J. Hawks. $SE\frac{1}{4}NW\frac{1}{4}$ sec. 8, Davis survey, lat. $34^{\circ}42'$, long. $102^{\circ}34'$. Records available: 1938-39, 1948-50. Feb. 14, 118.82.

12. Capital Syndicate. Northeast part of sec. 11, T. 7 S., lat. $34^{\circ}32'$, long. $102^{\circ}51'$. Records available: 1937-38, 1948-50. Feb. 14, 161.93.

15. A. C. Hays. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 20, T. 1 N., R. 5 E., lat. $34^{\circ}40'$, long. $102^{\circ}35'$. Records available: 1937-38, 1942, 1947-50. Feb. 14, 140.88.

20. J. W. Cobb. $SW\frac{1}{4}SW\frac{1}{4}$ sec. 7, Harrah survey, lat. $34^{\circ}39'$, long. $102^{\circ}33'$. Records available: 1947-50. Feb. 20, 113.56.

323. W. L. Clappitt. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 17, T. 15 S., lat. $34^{\circ}20'$, long. $102^{\circ}55'$. Records available: 1937, 1948-50. Feb. 13, 102.16.

Randall County

83a. Owner unknown. SW. corner $NE\frac{1}{4}$ sec. 28, blk. B5, lat. $34^{\circ}59'$, long. $101^{\circ}58'$. Records available: 1938-43, 1946-50. Mar. 11, 79.10. Measurement discontinued.

100. J. N. Sea. NW. corner $NW\frac{1}{4}$ sec. 63, blk. B5, lat. $34^{\circ}56'$. Records available: 1937, 1941-42, 1948-49. No measurement made in 1950.

103. W. H. Bush Estate. $SW\frac{1}{4}NW\frac{1}{4}NW\frac{1}{4}$ sec. 64, blk. B5, lat. $34^{\circ}57'$, long. $101^{\circ}54'$. Records available: 1937-43, 1946-50. Feb. 11, 9.11.

110. Price Bros. NW. corner $NW\frac{1}{4}$ sec. 66, blk. B5, lat. $34^{\circ}57'$, long. $101^{\circ}56'$. Records available: 1937, 1941-43, 1946-50. Feb. 16, 50.68.

117. Melton Dooley. $NE\frac{1}{4}NW\frac{1}{4}$ sec. 128, blk. B5, lat. $34^{\circ}54'$, long. $101^{\circ}54'$. Records available: 1937-43, 1946-49. Measurement discontinued.

145a. Owner unknown. SE. corner $NE\frac{1}{4}$ sec. 10, blk. B5, lat. $35^{\circ}00'$, long. $102^{\circ}03'$. Records available: 1938-42, 1946-50. Feb. 16, 111.00.

189a. W. F. Miller. $NE\frac{1}{4}SE\frac{1}{4}SW\frac{1}{4}$ sec. 109, blk. M8, lat. $34^{\circ}45'$, long. $101^{\circ}49'$. Records available: 1938-41, 1947-50. Feb. 16, 91.09.

San Patricio County

58. J. D. Mills. Lat. $27^{\circ}54'$, long. $97^{\circ}21'$. Records available: 1938-42, 1947, 1949. No measurement made in 1950.

69. O. V. Coopender. Lat. $27^{\circ}53'$, long. $97^{\circ}22'$. Records available: 1938-42, 1945, 1947, 1949-50. Nov. 14, 18.62.

80. Lewis Caldwell. Lat. $27^{\circ}52'$, long. $97^{\circ}21'$. Records available: 1938-42, 1945, 1947, 1949-50. Nov. 14, 15.81.

85. W. H. Bryan. Lat. $27^{\circ}53'$, long. $97^{\circ}21'$. Records available: 1938-42, 1945, 1947, 1949-50. Nov. 14, 16.56.

129. B. A. Linderman. Lat. $27^{\circ}54'$, long. $97^{\circ}19'$. Records available: 1938-42, 1945, 1947, 1949. No measurement made in 1950.

140. Bruce Hannah. Lat. $27^{\circ}52'$, long. $97^{\circ}20'$. Records available: 1938-42, 1945, 1947, 1949-50. Nov. 14, 17, 69.

144. Fred McMullen. Lat. $27^{\circ}52'$, long. $97^{\circ}21'$. Records available: 1938-42, 1943, 1947, 1949-50. Nov. 14, 15, 93.

Swisher County

1. Will Vaughn. NW. corner sec. 10, blk. M6, lat. $34^{\circ}40'$, long. $101^{\circ}55'$. Records available: 1937, 1943, 1947-50. Feb. 13, 89, 38.

2. I. Irlbeck. NW $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 63, blk. M8, lat. $34^{\circ}41'$, long. $101^{\circ}51'$. Records available: 1937-50. Feb. 13, 77, 68.

36. W. C. Cowan. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, blk. W1, lat. $34^{\circ}35'$, long. $101^{\circ}48'$. Records available: 1934, 1937, 1940-49. No measurement made in 1950.

37. H. H. Terrell. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, blk. W1, lat. $34^{\circ}34'$, long. $101^{\circ}48'$. Records available: 1937-44, 1946-50. Feb. 17, 68, 83.

38. H. A. Terrell. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, blk. W1, lat. $34^{\circ}34'$, long. $101^{\circ}47'$. Records available: 1937-40, 1942-47, 1949. No measurement made in 1950.

40. Murry Vise. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, blk. W1, lat. $34^{\circ}36'$, long. $101^{\circ}46'$. Records available: 1937, 1943, 1947-50. Feb. 13, 64, 34.

50. C. W. Rousseau. NW $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, blk. W1, half a block north and half a block east of Tulia High School, lat. $34^{\circ}32'$, long. $101^{\circ}45'$. Records available: 1937-41, 1943, 1946-50. Feb. 18, 64, 08.

59. C. G. Jordan. NW $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 23, blk. M6, lat. $34^{\circ}33'$, long. $101^{\circ}56'$. Records available: 1937, 1947-48. No measurement made in 1950.

80. Marshall Vaughn. SW $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 77, blk. M8, lat. $34^{\circ}32'$, long. $101^{\circ}50'$. Records available: 1947-50. Feb. 13, 71, 28.

101. C. J. Levitt. NW $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 95, blk. M9, lat. $34^{\circ}41'$, long. $101^{\circ}43'$. Records available: 1947-50. Feb. 13, 72, 31.

108. Joe Richardson. Lab. 24, lge. 4, S. J. C. S. L., lat. $34^{\circ}38'$, long. $101^{\circ}30'$. Records available: 1934, 1937, 1943, 1945-50. Feb. 14, 77, 26.

113. Mrs. G. M. Tucker. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 198, blk. M9, lat. $34^{\circ}37'$, long. $101^{\circ}37'$. Records available: 1937, 1943, 1947-50. Feb. 13, 63, 98.

115. W. W. Parker. SW $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 164, blk. M9, lat. $34^{\circ}38'$, long. $101^{\circ}39'$. Records available: 1937, 1943, 1945-50. Feb. 13, 62, 98.

119. W. A. Byrd. SW $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, blk. RC, lat. $34^{\circ}36'$, long. $101^{\circ}42'$. Records available: 1943, 1947-50. Feb. 13, 56, 36.

124. W. C. Watson. SW $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 125, blk. M10, lat. $34^{\circ}34'$, long. $101^{\circ}34'$. Records available: 1937, 1943, 1947-49. No measurement made in 1950.

127. W. B. Ballard. SW $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 124, blk. M10, lat. $34^{\circ}35'$, long. $101^{\circ}34'$. Records available: 1937, 1943, 1945-50. Feb. 14, 58, 04.

139. E. B. McCrary. NE $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. M15, lat. $34^{\circ}34'$, long. $101^{\circ}41'$. Records available: 1943, 1945-50. Feb. 14, 52, 84.

165. W. L. Pevehouse. NE. corner NE $\frac{1}{4}$ sec. 33, blk. B3, lat. $34^{\circ}38'$, long. $101^{\circ}30'$. Records available: 1943, 1945-50. Feb. 14, 80, 87.

167. A. J. Harris. NW $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 116, blk. M10, lat. $34^{\circ}37'$, long. $101^{\circ}33'$. Records available: 1937, 1943, 1945-50. Feb. 14, 57, 50.

215. Alvin Stark. NE $\frac{1}{2}$ SW $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 108, blk. A, lat. $34^{\circ}27'$, long. $101^{\circ}35'$. Records available: 1937, 1943, 1946-50. Feb. 14, 66, 35.

231. L. L. Armor. SW $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 87, blk. B2, lat. $34^{\circ}24'$, long. $101^{\circ}34'$. Records available: 1937, 1943-50. Feb. 14, 68, 34.

233. L. L. Armor. SW $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 88, blk. B2, lat. $34^{\circ}23'$, long. $101^{\circ}34'$. Records available: 1937, 1943, 1947-50. Feb. 14, 68, 85.

247. R. J. Pool. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 80, blk. B2, lat. 34°21', long. 101°33'. Records available: 1937, 1943, 1948-50. Feb. 14, 69.43.
255. Dr. H. H. Hicks. NW. corner NE $\frac{1}{4}$ sec. 2, blk. B6, lat. 34°22', long. 101°37'. Records available: 1937-38, 1940-50. Feb. 14, 53.53.
299. E. V. Elkins. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 152, blk. A, lat. 34°31', long. 101°38'. Records available: 1943, 1945-50. Feb. 14, 50.49.
302. J. D. Vaughn. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, blk. W1, lat. 34°31', long. 101°46'. Records available: 1934, 1937, 1949-50. Feb. 15, 67.18.
305. J. L. Cantrell. NW. corner NE $\frac{1}{4}$ sec. 25, blk. W1, lat. 34°30', long. 101°44'. Records available: 1937-50. Feb. 15, 40.71.
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'. Records available: 1947-50. Feb. 15, 57.52.
310. Clyde Wilkins. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, blk. M15, lat. 34°30', long. 101°41'. Records available: 1947-50. Feb. 15, 75.42.
332. W. F. Kerr. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, blk. M13, lat. 34°25', long. 101°45'. Records available: 1937-50. Feb. 15, 75.74.
333. W. A. Snell. NW. corner NE $\frac{1}{4}$ sec. 37, blk. M13, lat. 34°24', long. 101°46'. Records available: 1947-50. Feb. 15, 86.57.
354. V. A. Beck. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 52, blk. M13 in Kress. Lat. 34°21', long. 101°45'. Records available: 1936-46, 1948-50. Feb. 15, 73.34.
359. E. E. Farmway. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 57, blk. M13, lat. 34°21', long. 101°47'. Records available: 1937-50. Feb. 15, 89.75.
368. C. F. Harris. On R. F. Hudgins survey, lat. 34°19', long. 101°44'. Records available: 1936-50. Feb. 14, 90.79.
370. Neeley Culp. On R. F. Hudgins survey, lat. 34°19', long. 101°43'. Records available: 1936-49. No measurement made in 1950.
376. H. F. Axtell. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 52, blk. M14, 12.5 miles south of Tulia, lat. 34°21', long. 101°42'. Records available: 1947-50. Feb. 14, 90.38.
383. S. R. Golden. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 54, blk. M14, lat. 34°18', long. 101°41'. Records available: 1914, 1934, 1936-50. Feb. 14, 88.58.
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'. Records available: 1937, 1943, 1949. Feb. 16, 107.81.
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'. Records available: 1937, 1945-50. Feb. 16, 113.20.
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'. Records available: 1937, 1948-50. Feb. 16, 96.28.
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'. Records available: 1947-50. Feb. 15, 101.36.
418. O. Milner. NW. corner sec. 93, blk. M11, lat. 34°22', long. 101°57'. Records available: 1937, 1943, 1946, 1948-50. Feb. 15, 83.60.
421. A. V. Perryman. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, blk. K3, lat. 34°19', long. 101°59'. Records available: 1942-50. Feb. 15, 69.70.
429. Clifton Reed. NW. corner strip sec. 66, J. A. Ward survey, lat. 34°41', long. 101°50'. Records available: 1937, 1939-50. Feb. 15, 110.09.
433. E. E. Cox. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, blk. K, lat. 34°24', long. 101°29'. Records available: 1947-50. Feb. 15, 102.80.
438. Frederick Rousser. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. K, lat. 34°23', long. 101°51'. Records available: 1947-49. No measurement made in 1950.
448. C. A. Davis. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20, blk. C4, lat. 34°21', long. 101°49'. Records available: 1947-50. Feb. 15, 90.25.

480. R. Q. Silverthorne. NE. corner NW $\frac{1}{4}$ sec. 35, blk. K, lat. 34°20', long. 101°56'. Records available: 1947-49. No measurement made in 1950.
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'. Records available: 1947-50. Feb. 16, 97.19.
507. Clyde Bradford. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 68, blk. M8, lat. 34°37', long. 101°52'. Records available: 1947-50. Feb. 13, 82.97.
702. Charles T. Herring. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 112, blk. A, lat. 34°31', long. 101°34'. Records available: 1943, 1947-50. Feb. 14, 46.15.
704. C. L. Gunter. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 117, blk. A, lat. 34°28', long. 101°36'. Records available: 1947-50. Feb. 14, 40.22.
705. C. L. Gunter. SE. corner SE $\frac{1}{4}$ sec. 117, blk. A, lat. 34°28', long. 101°35'. Records available: 1947-50. Feb. 14, 55.55.
707. H. M. Solomon. NE. corner NE $\frac{1}{4}$ sec. 18, blk. A, lat. 34°28', long. 101°35'. Records available: 1947-49. Measurement discontinued.
709. J. C. Johnson. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 95, blk. A, lat. 34°28', long. 101°32'. Records available: 1947-50. Feb. 14, 93.86.
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'. Records available: 1947-50. Feb. 14, 60.57.
806. L. B. LeMaster. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, blk. W1, lat. 34°30', long. 101°45'. Records available: 1947-50. Feb. 15, 63.90.
815. Roy Stockett. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, blk. M13, lat. 34°27', long. 101°43'. Records available: 1947-50. Feb. 15, 73.48.
821. W. Boston. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, blk. M13, lat. 34°25', long. 101°47'. Records available: 1947-50. Feb. 16, 93.89.
858. W. Sorelle. NE. corner NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 41, blk. M13, lat. 34°24', long. 101°44'. Records available: 1947-50. Feb. 17, 67.50.
889. A. A. Boling. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 38, blk. M14, lat. 34°23', long. 101°40'. Records available: 1947-50. Feb. 15, 79.60.
895. J. S. Vars. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, blk. M15, lat. 34°28', long. 101°42'. Records available: 1947-49. No measurement made in 1950.
896. Roy Stockett. NW. corner NE $\frac{1}{4}$ sec. 16, blk. M15, lat. 34°28', long. 101°42'. Records available: 1947-50. Feb. 15, 60.65.
932. Harry Chenoweth. SW. corner SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, blk. K2, lat. 34°26', long. 101°53'. Records available: 1947-49. No measurement made in 1950.
935. F. L. Lemley. SW. corner SW $\frac{1}{4}$ sec. 5, blk. K, lat. 34°25', long. 101°50'. Records available: 1947-50. Feb. 16, 92.75.
936. F. L. Lemley. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, blk. K, lat. 34°25', long. 101°50'. Records available: 1947-50. Feb. 16, 99.34.
947. Otis Harman. NW. corner NW $\frac{1}{4}$ sec. 23, blk. M11, lat. 34°29', long. 101°52'. Records available: 1947-49. No measurement made in 1950.

Terry County

16. Challis Baptist Church. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 64, blk. 4X, lat. 33°16', long. 102°14'. Records available: 1937-44, 1949-50. Feb. 18, 86.41.
- 17a. Mr. Watkins. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, blk. 4X, lat. 34°18', long. 102°14'. Records available: 1938-40, 1943-44, 1949. No measurement made in 1950.
- 21a. Mr. Crump. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18, blk. 4X, lat. 33°21', long. 102°12'. Records available: 1939-44, 1949-50. Feb. 18, 60.86.

Travis County

261. H. C. Warren. Lat. 30°17', long. 97°41'. Records available: 1940-46, 1948-50. Apr. 13, 225.49; Aug. 7, 225.46; Dec. 6, 226.50.

266. J. D. Dillingham. Lat. 30°26', long. 97°41'. Records available: 1940-46, 1948-50. Apr. 13, 242.18; Aug. 7, 241.26; Dec. 6, 242.49.

280. Travis County. Lat. 30°24', long. 97°42'. Records available: 1939-46, 1948-50. Apr. 13, 11.50; Aug. 7, 13.70; Dec. 6, 19.11.

284. Robinson Bros. Lat. 30°23', long. 97°43'. Records available: 1940-46, 1948-50. Aug. 7, 182.07.

322. John Teagle. Lat. 30°21', long. 97°41'. Records available: 1940-46, 1948-50. Apr. 14, 177.98; Aug. 7, 177.56; Dec. 6, 178.53.

323. Joe Crow. Formerly Fred Parsons. Lat. 30°20', long. 97°41'. Records available: 1940-48, 1948-50. Apr. 14, 93.61; Aug. 7, 93.69; Dec. 6, 93.91.

327. Walling Estate. Lat. 30°19', long. 97°42'. Records available: 1940-46, 1948-50. Apr. 14, 177.99; Aug. 7, 178.45; Dec. 6, 180.08.

328. Walling Estate. Lat. 30°19', long. 97°42'. Records available: 1940-46, 1948-50. Apr. 14, 19.48; Aug. 7, 19.97; Dec. 6, 20.32.

331. J. C. Campbell, Jr. Lat. 30°19', long. 97°42'. Records available: 1940-46, 1948-50. Aug. 7, 124.88; Dec. 6, 124.60. Measurement discontinued.

343. Travis County Water Dist. No. 2. Lat. 30°21', long. 97°43'. Records available: 1940-46, 1948-49.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	177.11	Apr. 27	176.50	July 26	176.00	Oct. 25	177.04
Feb. 24	175.55	May 31	173.25	Aug. 23	176.66	Nov. 22	177.16
Mar. 27	176.48	June 26	174.46	Sept. 25	176.89	Dec. 19	177.37

392. Tom Williams. Lat. 30°23', long. 97°44'. Records available: 1940-46, 1948-50. Apr. 14, 15.70; Dec. 6, 16.22.

414. J. R. McElroy. Lat. 30°25', long. 97°45'. Records available: 1940-46, 1948-50. Apr. 14, 39.75; Aug. 7, 40.38; Dec. 6, 39.81.

460. Rosa Dellanna. Lat. 30°16', long. 97°46'. Records available: 1937, 1941-50.

Jan. 27	86.01	Apr. 27	84.78	July 26	83.28	Oct. 25	84.64
Feb. 24	86.12	May 31	79.82	Aug. 23	83.52	Nov. 22	86.58
Mar. 28	84.98	June 26	85.69	Sept. 25	84.04	Dec. 19	85.64

483. S. N. Allred. Lat. 30°13', long. 97°48'. Records available: 1939, 1941-49. Measurement discontinued.

502. H. S. Lawson heirs. Lat. 30°11', long. 97°46'. Records available: 1937-50.

Jan. 25	14.07	Apr. 25	7.30	July 26	10.69	Oct. 25	15.55
Feb. 24	8.32	May 31	7.00	Aug. 23	12.61	Nov. 22	16.38
Mar. 28	10.65	June 26	8.35	Sept. 25	14.14	Dec. 19	17.12

527. Sarah Moore. About 300 feet south of Cedar Valley post office, lat. 30°13', long. 97°57'. Records available: 1937-50.

Jan. 27	6.81	Apr. 27	1.26	July 26	4.97	Oct. 25	9.84
Feb. 24	3.85	May 31	3.53	Aug. 23	6.18	Nov. 22	10.71
Mar. 29	4.32	June 26	4.30	Sept. 25	7.45	Dec. 19	11.62

616. J. R. Moore. Lat. 30°14', long. 97°55'. Records available: 1938-46, 1948. Measurement discontinued.

618. Homer Heep. Lat. 30°06', long. 97°48'. Records available: 1938-50.

Jan. 25	23.57	Apr. 27	20.01	July 26	24.04	Oct. 25	26.18
Feb. 24	18.67	May 31	21.89	Aug. 23	25.54	Nov. 22	26.61
Mar. 28	20.20	June 26	20.66	Sept. 25	25.65	Dec. 19	26.94

619. United Gas Pipe Line Co. At Buda pump station, lat. 30°05', long. 97°47'. Land-surface datum is 735.98 feet above mean sea level. Records available: 1943-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	175.30	Apr. 27	173.81	June 26	169.46	Oct. 25	170.90
Feb. 24	174.78	May 31	172.32	Aug. 23	169.83	Nov. 22	172.22
Mar. 28	174.98	June 26	170.43	Sept. 25	172.37	Dec. 19	173.16

687. Mrs. Elizabeth Gentsch. Lat. 30°13', long. 97°47'. Records available: 1939, 1941-46, 1948-50. Apr. 12, 216.20; Aug. 3, 216.45; Dec. 7, 220.84.

890. C. H. Bird. Lat. 30°08', long. 97°48'. Records available: 1937-38, 1941-46, 1948-50.

Jan. 27	16.06	Apr. 27	15.90	July 26	16.05	Oct. 25	16.34
Feb. 24	15.78	May 31	16.99	Aug. 23	16.14	Nov. 22	16.68
Mar. 28	15.76	June 26	16.16	Sept. 25	16.19	Dec. 19	19.68

892. C. H. Bird. Formerly Russell C. Faulkner. Lat. 30°08', long. 97°48'. Records available: 1941-46, 1948-50. Apr. 12, 110.96; Aug. 3, 110.91; Dec. 7, 111.73.

Uvalde County

H-2-4. H. I. Holmes. Lat. 29°23', long. 99°42'. Records available: 1929-50. Jan. 24, 148.27; Apr. 4, 150.70; Aug. 8, 153.59; Dec. 6, 167.56.

H-2-5. Mrs. W. E. Fitzgerald. Lat. 29°27', long. 99°40'. Records available: 1929-50. Jan. 24, 57.16; Apr. 4, 57.49; Aug. 8, 87.17; Dec. 6, 92.00.

H-4-6. Briscoe, Fenley & Spangler. Lat. 29°14', long. 99°51'. Records available: 1929-42; 1944-50. Jan. 24, 65.66; Apr. 4, 67.25; Aug. 8, 69.84; Dec. 6, 76.25.

H-4-28. J. R. Ingraham. Lat. 29°12', long. 99°54'. Records available: 1929-33, 1935-50. Apr. 4, 19.98; Aug. 8, 22.33; Dec. 7, 24.17.

H-4-34. John Rosenow. Lat. 29°15', long. 99°58'. Records available: 1939-50. Jan. 24, 156.21; Apr. 4, 159.90; Aug. 8, 168.36; Dec. 7, 172.95.

H-4-35. John Rosenow. Lat. 29°16', long. 99°59'. Records available: 1939-45, 1947-50. Apr. 4, 60.35; Dec. 7, 75.40.

H-5-1. City of Uvalde. Lat. 29°12', long. 99°46'. Land-surface datum is 904.85 feet above mean sea level. Records available: 1929-32, 1934-50.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	33.7	33.6	33.9	34.9	35.5	36.0	36.8	37.6	38.3	39.1	40.4	41.7
2	33.6	33.7	34.0	34.9	35.5	36.0	36.8	37.6	38.4	39.1	40.5	41.8
3	33.6	33.7	33.9	34.9	35.6	36.0	36.9	37.6	38.4	39.2	40.5	41.9
4	33.6	33.7	34.0	35.0	35.6	36.0	36.9	37.7	38.4	39.2	40.6	41.9
5	33.6	33.6	34.0	35.0	35.7	36.0	37.0	37.7	38.5	39.2	40.6	42.0
6	33.7	33.6	34.0	35.1	35.7	36.0	37.1	37.7	38.5	39.2	40.6	42.0
7	33.7	33.6	34.0	35.1	35.7	36.0	37.1	37.7	38.6	39.2	40.7	42.1
8	33.6	33.6	34.1	35.1	35.8	36.1	37.2	37.8	38.6	39.3	40.8	42.1
9	33.6	33.6	34.1	35.1	35.8	36.1	37.2	37.8	38.7	39.3	40.8	42.2
10	33.6	33.6	34.1	35.2	35.9	36.1	37.3	37.8	38.7	39.3	40.8	42.2
11	33.6	33.6	34.1	35.3	35.8	36.2	37.3	37.9	38.8	39.4	40.9	42.3
12	33.6	33.6	34.2	35.3	35.7	36.2	37.3	37.9	38.8	39.4	40.9	42.4
13	33.6	33.6	34.2	35.3	35.7	36.2	37.3	37.9	38.9	39.4	41.0	42.4
14	33.6	33.7	34.2	35.3	35.7	36.3	37.2	38.0	39.0	39.5	41.0	42.5
15	33.6	33.7	34.3	35.2	35.7	36.3	37.2	38.0	39.0	39.5	41.1	42.5
16	33.6	33.7	34.3	35.1	35.8	36.3	37.2	38.0	39.1	39.6	41.2	42.6
17	33.6	33.7	34.4	35.1	35.8	36.4	37.2	38.1	39.0	39.6	41.2	42.6
18	33.6	33.7	34.4	35.2	35.7	36.4	37.2	38.1	39.0	39.7	41.2	42.6
19	33.6	33.7	34.5	35.2	35.8	36.4	37.3	38.1	39.1	39.7	41.2	42.7
20	33.6	33.8	34.5	35.2	35.8	36.4	37.3	38.1	39.1	39.8	41.3	42.7
21	33.6	33.7	34.6	35.2	35.8	36.5	37.4	38.1	39.1	39.8	41.4	42.8
22	33.6	33.8	34.6	35.2	35.8	36.5	37.4	38.2	39.1	39.8	41.4	....
23	33.6	33.8	34.6	35.2	35.9	36.4	37.4	38.2	39.1	39.8	41.5	....
24	33.6	33.8	34.7	35.2	35.9	36.5	37.4	38.3	39.2	39.9	41.5	....
25	33.6	33.8	34.7	35.3	35.9	36.5	37.5	38.3	39.1	40.0	41.5	....
26	33.6	33.8	34.7	35.4	35.9	36.5	37.5	38.4	39.1	40.1	41.5	....
27	33.7	33.9	34.8	35.4	35.9	36.6	37.6	38.4	39.1	40.1	41.6	....

H-5-1--Continued.

Daily noon water level, from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
28	33.6	33.9	34.8	35.4	35.9	36.7	37.6	38.3	39.1	40.2	41.0	....
29	33.6		34.9	35.4	35.9	36.8	37.6	38.3	39.1	40.2	41.7	....
30	33.6		34.9	35.5	36.0	36.8	37.7	38.3	39.1	40.3	41.7	....
31	33.6		34.9		36.0		37.7	38.3		40.4		....

H-5-22. Jack Dean. Lat. 29°14', long. 99°47'. Records available: 1929-50. Jan. 24, 61.02; Apr. 4, 62.50; Aug. 8, 65.57; Dec. 6, 70.34.

H-5-26. George Kennedy. Lat. 29°18', long. 99°43'. Records available: 1929-38, 1940-44, 1946-50. Apr. 4, 165.60; Aug. 8, 169.01; Dec. 6, 174.28.

H-5-51. O. T. Caldwell. Lat. 29°09', long. 99°49'. Records available: 1929-50. Jan. 25, 39.30; Apr. 4, 40.21; Aug. 8, 42.27; Dec. 8, 47.19.

H-6-8. K. K. Woodley. Lat. 29°18', long. 99°36'. Records available: 1929-33, 1935-50. Apr. 4, 68.61; Aug. 8, 69.42; Dec. 6, 69.57.

H-6-10. Herbert Stevens. Lat. 29°18', long. 99°30'. Records available: 1929-33, 1935-44, 1946-50. Apr. 4, 65.71; Aug. 8, 65.77; Dec. 6, 67.01.

H-6-16. Cecil Reagan. Lat. 29°15', long. 99°35'. Records available: 1929-34, 1936-38, 1940-44, 1946-50. Jan. 24, 175.03; Aug. 8, 178.82; Dec. 6, 185.26.

H-8-63. Uvalde County Public School. Lat. 29°08', long. 99°42'. Records available: 1945-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	31.61	May 2	31.94	Aug. 3	32.82	Nov. 2	35.46
Mar. 9	31.75	June 7	31.98	Sept. 5	33.17	Dec. 6	34.25
Apr. 6	32.07	July 10	32.59	Oct. 3	32.82		

XU-9. Frank Kirchgraber. Lat. 29°14', long. 100°02'. Records available: 1937-50. Apr. 4, 58.16; Aug. 8, 59.68; Dec. 7, 62.02.

XU-10. Texas & New Orleans Railroad Co. At Cline, lat. 29°14', long. 100°04'. Records available: 1937-50. Apr. 4, 40.13; Aug. 8, 41.96; Dec. 7, 45.99.

Val Verde County

XV-2. Otto Koog. Lat. 29°22', long. 100°51'. Records available: 1937-44, 1946-50. Apr. 5, 68.14; Aug. 10, 81.13; Dec. 7, 78.44.

XV-3. Patricio Confreres. Lat. 29°22', long. 100°52'. Records available: 1937-50. Apr. 5, 37.30; Aug. 10, 38.19; Dec. 7, 40.12.

Waller County

152. Mr. Meyers. Lat. 30°04', long. 95°59'. Records available: 1931-50. Feb. 27, 2.46; June 16, 3.62.

223. T. B. Tucker. Lat. 29°52', long. 95°53'. Records available: 1931, 1935, 1939-50. Mar. 14, 68.70; Nov. 21, 72.72.

225. L. E. Morrison well 2. Lat. 29°50', long. 95°53'. Records available: 1940-50. Mar. 14, 74.82; Nov. 21, 91.18.

235. John Cope. Lat. 29°46', long. 95°51'. Records available: 1931, 1933, 1939-50. Mar. 13, 68.40; Nov. 22, 64.69.

239. Lyn Hebert. Lat. 29°55', long. 95°56'. Records available: 1941-50. Mar. 15, 62.94; Nov. 20, 79.74.

240. B. Ray Woods well 3. Lat. 29°47', long. 95°55'. Records available: 1940-46, 1948-50. Mar. 13, 63.79.

242. Robichaux & Thompson. Lat. 29°50', long. 95°57'. Records available: 1941-50. Mar. 14, 66.23; Nov. 21, 65.78.

245. G. P. Nelson well 2. Lat. 29°52', long. 95°57'. Records available: 1941-50. Mar. 14, 63.96; Nov. 21, 77.18.

246. A. E. Thompson well 2. Lat. $29^{\circ}53'$, long. $95^{\circ}54'$. Records available: 1940-46, 1948-50. Mar. 14, 61.84; Nov. 21, 68.49.

247. T. B. Tucker well 5. Lat. $29^{\circ}51'$, long. $95^{\circ}53'$. Records available: 1939-50. Mar. 14, 72.20; Nov. 21, 76.10.

252. J. A. Kimball. Lat. $29^{\circ}48'$, long. $95^{\circ}50'$. Records available: 1940-50. Mar. 14, 69.71; Nov. 16, 72.54.

Wharton County

1. Bob Ragsdale. Lat. $29^{\circ}15'$, long. $96^{\circ}34'$. Records available: 1940-47, 1949-50. Mar. 20, 41.48.

8. Lester Glaze. About 0.7 mile west of Round Mott School, lat. $29^{\circ}13'$, long. $96^{\circ}28'$. Records available: 1935, 1938-50. Mar. 20, 40.53.

31. H. F. Sharp. Lat. $29^{\circ}11'$, long. $96^{\circ}25'$. Records available: 1934-35, 1938-50. Mar. 20, 29.18.

32. Harfst. Bros. Lat. $29^{\circ}13'$, long. $96^{\circ}22'$. Records available: 1934-35, 1938-50. Mar. 20, 32.14.

33. Harfst Bros. Lat. $29^{\circ}17'$, long. $96^{\circ}22'$. Records available: 1934-35, 1938-42, 1946, 1949-50. Mar. 20, 37.61.

57. W. A. Harrison. Lat. $29^{\circ}23'$, long. $96^{\circ}10'$. Records available: 1934, 1941-50. Mar. 24, 14.79.

66. J. J. Pendegrass. Lat. $29^{\circ}38'$, long. $96^{\circ}18'$. Records available: 1940-50. Mar. 24, 26.92.

70a. J. J. Vacek. Lat. $29^{\circ}31'$, long. $96^{\circ}06'$. Records available: 1935, 1938-50. Feb. 24, 9.18.

81. William J. Corman. In Lissie, lat. $29^{\circ}33'$, long. $96^{\circ}13'$. Records available: 1940-45, 1947-50. Feb. 24, 20.49.

84. Fred Fotjek. Lat. $29^{\circ}32'$, long. $96^{\circ}09'$. Records available: 1940-50. Mar. 24, 22.11.

96. Frank Bucek. Lat. $29^{\circ}25'$, long. $96^{\circ}04'$. Records available: 1934-35, 1938-50. Mar. 24, 21.88.

108. City of Wharton. In Wharton, lat. $29^{\circ}18'$, long. $96^{\circ}06'$. Records available: 1934-36, 1938-48, 1950. Mar. 24, 27.97.

109. City of Wharton. In Wharton, lat. $29^{\circ}18'$, long. $96^{\circ}06'$. Records available: 1934-35, 1937-50. Mar. 24, 33.54.

148. Central Power & Light Co. In El Campo, lat. $29^{\circ}11'$, long. $96^{\circ}16'$. Records available: 1941-47, 1950. Mar. 22, 42.37.

165. H. P. Stockton. Lat. $29^{\circ}06'$, long. $96^{\circ}25'$. Records available: 1934-35, 1938-50. Mar. 20, 26.62.

173. Stoval & Appling. Lat. $29^{\circ}00'$, long. $96^{\circ}20'$. Records available: 1934-35, 1938-47, 1949-50. Mar. 20, 13.16.

178. A. Johnson. Lat. $29^{\circ}04'$, long. $96^{\circ}17'$. Records available: 1934-35, 1938-47, 1949-50. Mar. 20, 22.02.

181. C. C. Appling. Lat. $29^{\circ}05'$, long. $96^{\circ}15'$. Records available: 1934-35, 1938-50. Mar. 23, 30.56.

186. Otto Mickelson. Lat. $29^{\circ}05'$, long. $96^{\circ}13'$. Records available: 1935, 1938-50. Mar. 23, 18.25.

200. J. L. Myatt. Lat. $29^{\circ}04'$, long. $96^{\circ}16'$. Records available: 1940-47, 1949. No measurement made in 1950.

209. J. C. Allen. Lat. $29^{\circ}08'$, long. $96^{\circ}10'$. Records available: 1934-35, 1938-47, 1949-50. Mar. 23, 13.95.

239. Gulf, Colorado and Santa Fe Railway Co. Lat. $29^{\circ}13'$, long. $95^{\circ}55'$. Records available: 1934-35, 1938-47, 1949. No measurement made in 1950.

241. Texas Gulf Sulphur Co. At New Gulf, 400 feet northeast of timekeeper's office. lat. $29^{\circ}15'$, long. $95^{\circ}53'$. Records available: 1934-35, 1937-50. Mar. 22, 29.87.

Williamson County

342. McCann Estate. Lat. $30^{\circ}33'$, long. $97^{\circ}42'$. Records available: 1941-43, 1945, 1949-50. Apr. 13, 39.76; Aug. 4, 45.13.

344. W. O. Garrison. Lat. $30^{\circ}33'$, long. $97^{\circ}41'$. Records available: 1940-45, 1948-50. Apr. 13, 117.66; Aug. 4, 118.60; Dec. 6, 119.98.

346. F. C. Martiness. Lat. $30^{\circ}34'$, long. $97^{\circ}41'$. Records available: 1940-46, 1948-50. Apr. 13, 134.76; Dec. 6, 137.72.

353. Walter Thwing. Lat. $30^{\circ}36'$, long. $97^{\circ}41'$. Records available: 1940-46, 1948-50. Apr. 13, 128.11; Aug. 4, 128.84; Dec. 5, 129.70.

418. Henry Hartman. Lat. $35^{\circ}36'$, long. $97^{\circ}40'$. Records available: 1940-43, 1945, 1948-50. Apr. 13, 97.17; Aug. 4, 99.23; Dec. 5, 102.57.

889. R. T. Love. Lat. $30^{\circ}32'$, long. $97^{\circ}41'$. Records available: 1940-46, 1948-50. Aug. 7, 97.40; Dec. 6, 98.98.

922. R. R. Stolley. Lat. $39^{\circ}29'$, long. $97^{\circ}40'$. Records available: 1940-46, 1948-50. Apr. 13, 132.98; Aug. 7, 137.10; Dec. 6, 135.61.

Zavala County

H7-13. Roy Cornett. Lat. $29^{\circ}00'$, long. $99^{\circ}51'$. Drilled stock well, diameter 10 inches, depth 172 feet. Land-surface datum is 787.54 feet above msl. Records available: 1928-33, 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 8, 1928	110.55	Feb. 28, 1930	114.45	July 22, 1930	114.90	Mar. 21, 1932	117.70
Nov. 7, 1929	113.30	Mar. 12	114.45	Aug. 27,	115.15	Aug. 28	117.95
Nov. 19	113.45	Apr. 9	114.70	Sept. 29	115.05	Apr. 11, 1933	119.35
23	113.35	18	114.55	May 14, 1931	116.15	Sept. 15, 1948	135.50
Dec. 18	113.45	May 20	114.80	Oct. 29	116.50	Aug. 10, 1949	137.42
Jan. 16, 1930	113.85	June 23	114.90	Jan. 13, 1932	117.15	Aug. 17, 1950	138.93

H7-20. W. A. Butler. Lat. $29^{\circ}01'$, long. $99^{\circ}50'$. Records available: 1929-33, 1938-42, 1944-50. Aug. 17, 75.08.

H8-68. A. D. Walker. Lat. $29^{\circ}00'$, long. $99^{\circ}48'$. Records available: 1948-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	58.31	May 2	59.38	Aug. 3	61.36	Nov. 2	62.75
Mar. 9	58.72	June 7	59.43	Sept. 5	62.22	Dec. 8	62.96
Apr. 6	59.11	July 10	60.53	Oct. 3	62.55		

M3-29. Hal Mangum. Lat. $28^{\circ}55'$, long. $100^{\circ}03'$. Records available: 1930, 1932-33, 1936-38, 1946-49. No measurement made in 1950.

M6-10. W. M. Van Cleve. Lat. $28^{\circ}45'$, long. $100^{\circ}04'$. Records available: 1930-34, 1936-46, 1948-50. Aug. 16, 99.87.

M6-16. J. S. Steward. Lat. $28^{\circ}44'$, long. $100^{\circ}02'$. Records available: 1930-40, 1942-50. Aug. 16, 52.32.

M6-16a. J. S. Steward. Lat. $28^{\circ}44'$, long. $100^{\circ}02'$. Records available: 1947-50. Aug. 16, 73.96.

M6-18. N. E. Ware. Lat. $28^{\circ}42'$, long. $100^{\circ}02'$. Records available: 1948-50. Aug. 16, 68.84.

M6-19. L. D. Van Cleve. Lat. $28^{\circ}40'$, long. $100^{\circ}02'$. Records available: 1930-50. Aug. 16, 80.44.

M9-1. T. B. Mear. In Cometa, lat. $28^{\circ}39'$, long. $100^{\circ}00'$. Records available: 1928-34, 1936-50. Aug. 16, 96.29.

N1-24. J. C. Williams. Lat. 28°57', long. 99°52'. Records available: 1929-33, 1935-50. Aug. 17, 194. 19.

N1-39. R. W. Norton. Lat. 28°56', long. 99°58'. Records available: 1930-33, 1946-50 Aug. 17, 101.91.

N1-40. I. T. Pryor. Lat. 28°55', long. 99°52'. Records available: 1930-35, 1937-44 1946-50. Aug. 17, 183.29.

N1-83. I. T. Pryor, Jr. Lat. 28°56', long. 99°51'. Records available: 1938-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	92.90	May 2	91.45	Aug. 3	92.21	Nov. 2	94.04
Mar. 9	95.13	June 7	92.77	Sept. 5	91.88	Dec. 8	91.02
Apr. 6	93.43	July 10	92.00	Oct. 3	91.44		

N1-90. Mathews Ranch. Lat. 28°56', long. 99°55'. Records available: 1946-50.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	184.35	May 2	192.33	Aug. 3	197.77	Nov. 2	215.09
Mar. 9	189.89	June 7	187.22	Sept. 5	190.58	Dec. 8	212.24
Apr. 6	197.66	July 10	193.47	Oct. 3	191.13		

N1-92. Mathews Ranch. About 150 feet north of State Highway 76, lat. 28°56', long. 99°57'. Records available: 1947-50. Aug. 17, 100.54.

N4-46. K and M Ranch. Drilled irrigation well, diameter 10 inches, depth 948 feet. Land-surface datum is 596.64 feet above msl. Records available: 1928, 1948-50. Dec. 14, 1928, 91.0; Sept. 17, 1948, 141.71; Aug. 10, 1949, 123.72; Aug. 16, 1950, 149.9.

N5-21. A. N. Box. Lat. 28°46', long. 99°46'. Records available: 1948-50. Jan. 25, 155.53; Mar. 9, 188.45; May 2, 187.85; June 7, 147.45; July 10, 180.12; Sept. 5, 182.19; Oct. 3, 200.21.

N5-30. Richie Bros. Lat. 28°42', long. 99°48'. Records available: 1947-49. No measurement made in 1950.

N5-39. Richie Bros. Lat. 28°42', long. 99°48'. Records available: 1929-49. No measurement made in 1950.

N5-40. Richie Bros. Lat. 28°41', long. 99°47'. Records available: 1929-50. Aug. 17, 160.7.

N5-55. Cribbs & Davidson. Lat. 28°40', long. 99°47'. Records available: 1929-49. No measurement made in 1950.

N5-60. Julius De Winnie. Lat. 28°41', long. 99°45'. Records available: 1929-33, 1936-41, 1944, 1946-50. Aug. 16, 183.05.



