UNITED STATES DEPARTMENT OF THE INTERIOR

WATER LEVELS AND ARTESIAN PRESSURE IN OBSERVATION WELLS IN THE UNITED STATES IN 1944

PART 4. SOUTH-CENTRAL STATES

Prepared in cooperation with the States of
ARKANSAS, LOUISIANA, OKLAHOMA, and TEXAS
and other agencies

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1019

UNITED STATES DEPARTMENT OF THE INTERIOR
J. A. Krug, Secretary
GEOLOGICAL SURVEY
W. E. Wrather, Director

Water-Supply Paper 1019

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BY
A. N. SAYRE
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INTRODUCTION

By A. N. Sayre and others

Significance of records of water level and artesian pressure

The rock formations of the earth are great natural underground reservoirs in which a part of the water derived from rain and snow is stored to supply wells and springs and to maintain the flow of streams during periods of fair weather. Water levels in wells register the stages of these natural reservoirs; they show the extent to which water supplies are depleted by drought or by heavy pumping, whether for public waterworks, irrigation, or industrial uses, and the extent to which they are replenished in seasons of abundant rainfall or melting snow. The changes in pressure recorded on flowing wells indicate depletion or replenishment of the artesian reservoirs.

Annual publication of records by Geological Survey

The regular publication of records of water level and artesian pressure in the United States was begun by the Geological Survey in 1935 and has continued yearly since. The records for the entire country were published in a single volume each year through 1939. Beginning with 1940 the 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. (See fig. 1.) The following table gives the numbers of these reports. This series of water-supply papers is in a sense an inventory, year by year, of the ground-water supplies of such parts of the country as have been covered.

Water-supply papers on water levels and artesian pressure in observation wells in the United States

Year	North-eastern States	South-eastern States	North-central States	South-central States	North-western States	South-western States and Hawaii
1935	777	777	777	777	777	777
1936	817	817	817	817	817	817
1937	840	840	840	840	840	840
1938	845	845	845	845	845	845
1939	886	886	886	886	886	886
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

Scope of present volume

The present volume covers the south-central States and gives records of water level and artesian pressure in about 1,298 observation wells of the Geological Survey and cooperating agencies in Arkansas, Louisiana, Oklahoma, and Texas. Of these wells, 24 are equipped with automatic water-stage recorders. For some wells not previously reported complete records of water level are given in this volume, including those of the years before 1944. For wells whose previous records have been published this volume gives only the current records. If a complete description of a well has been published in a previous report, only the well or the well number and a brief identifying description are given in this report. The numbers in parentheses immediately following a well number are those of the water-supply papers in which earlier records of that well are given and the pages on which they appear. An asterisk indicates that a description of the well is given in the paper whose number is so marked. This report includes about 5,880 individual determinations of water level and artesian pressure.

Land-surface datum

Before 1943, in Geological Survey reports, 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. It had been considered inadvisable to adopt a standard procedure in expressing water levels and artesian heads until after a period of trial with datum planes of different kinds. In 1943, however, it was decided that uniform practice should

be adopted. Accordingly precise datum planes were established approximating the land surface at each well. The water levels and artesian heads for all wells listed in this report are given in reference to land-surface datum planes. If the water levels or artesian heads are referred to land-

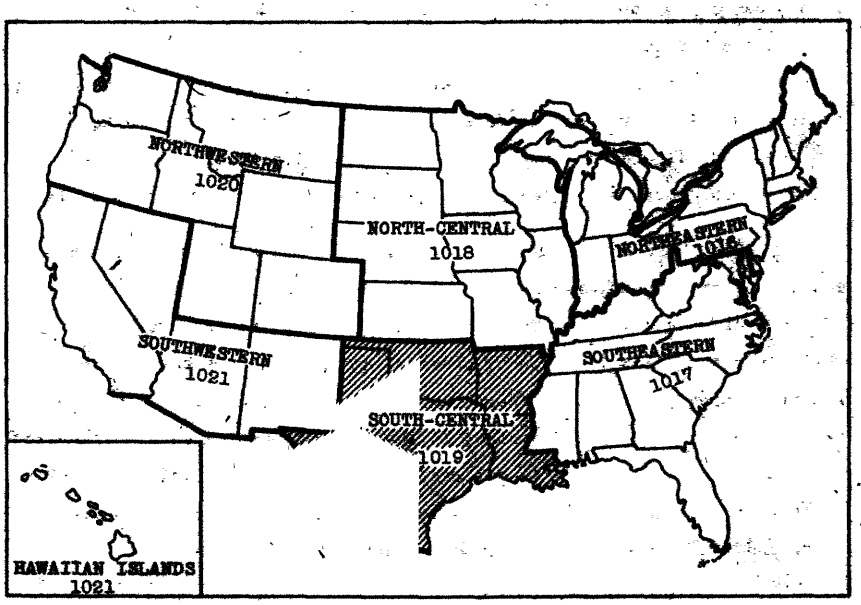

Figure 1.--Outline map of the United States showing sections of the country covered by the six water-supply papers on water levels and artesian pressure in observation wells in 1944. The shaded section represents the part of the country covered by this volume.

surface datum for the first time, a conversion factor is given in the descriptive matter preceding them in order to facilitate comparison of the older and newer records. Wherever the conversion factor is given in earlier reports it is not repeated in this report. New data as to the positions of the measuring point and of the bench marks, in feet above or below land-surface datum plane, will be published in succeeding annual reports.

Network of key observation wells

During 1942 the Geological Survey established a network of key observation wells in order to make available current information on general

ground-water conditions over the country. These wells were selected because the fluctuations of water level in them are believed to be typical, and they represent the general fluctuations that occur in the parts of the country in which the wells are situated. At the end of 1944 the network included about 160 wells in 45 States. About 40 of the wells were established expressly for the network in 1942 and about 20 were established in 1943; the other 100 were selected from wells measured regularly in connection with cooperative ground-water investigations. The coverage of the country is still far from adequate, and it is expected that some wells not now included will be added to the network from time to time.

Changes in ground-water level in 1944 in the south-central part of the United States

In 1944 the precipitation in each of the 4 States in the south-central section of the country was above normal and the water levels in many wells of the section rose. The fluctuations of both water level and artesian pressure in wells depend, however, on many factors besides the amount of precipitation. In certain of the observation wells there are fluctuations caused by differences in the rate of pumping or artesian flow from other wells in the area, but most of the observation wells are not noticeably affected by pumping or artesian flow. A summary of the changes in ground-water level is given in the chapter for each State.

Acknowledgments

Acknowledgments for effective services in the preparation of this water-supply paper are due Miss Dorothy M. Ireland, Rodney Hart, and Misses Gladys Case, Nauvoo Morris, and Frances Head. Miss Ireland had general charge of the assembling of the several reports and did most of the editing; Mr. Hart prepared the illustrations; and Misses Case, Morris, and Head did the offset typing.

ARKANSAS

GRAND PRAIRIE REGION

By R. G. Kazmann and Kyle Engler

The Grand Prairie region of Arkansas comprises Arkansas County, large parts of Lonoke and Prairie Counties, and small parts of Jefferson and Monroe Counties. Measurements of depth to water level in wells in this area were continued in 1944 in cooperation with the Arkansas Agricultural Experiment Station. This is the eighteenth successive year in which a well-measurement program has been conducted in this region, the first measurements having been made in September 1927 by the Federal Geological Survey, in cooperation with the Arkansas Geological Survey. The work in 1944 was done by employees of the State Agricultural Experiment Station under the supervision of Professor Kyle Engler, assisted by J. W. White, assistant director in charge of the Rice Branch Experiment Station. The Federal Land Bank of St. Louis also cooperated in making these measurements.

A discussion of the conditions affecting the ground-water resources of the Grand Prairie region, where rice is extensively cultivated and must be irrigated, and an account of the early pumping operations and their effect on the general static level of the ground water are given in an earlier report,[1] which contains also records of 18 wells from the time of their first measurement. Later reports bring these records up-to-date and add the records of other wells as measurements in them are begun. In June 1945 a comprehensive report summarizing all of the work done in the cooperative investigations was published by the University of Arkansas.[2]

1/ Water levels and artesian pressure in observation wells in the United States in 1935, with statements concerning previous work and results: U. S. Geol. Survey Water-Supply Paper 777, pp. 5-8, 1936.

2/ Engler, Kyle, Thompson, D. G., and Kazmann, R. G., Ground-water supplies for rice irrigation in the Grand Prairie region, Ark.: University of Arkansas, College of Agriculture Bull. 457, 56 pp., June 1945.

The trend of water level or artesian head from year to year in the Grand Prairie region may be determined by annual measurements made in the spring, as late as possible but before pumping for rice irrigation is begun. Accordingly, for most of the wells in most years only the single measurement in the spring has been made. In some years, however, measurements were also made in the fall, after the irrigation season had ended. These give some idea as to the effects of pumping during the preceding summer; but, because local irregularities due to that pumping have not been straightened out, they are not so conclusive as measurements made during the following spring. Owing to the war, no measurements were made in the fall of 1944. For well 280, which is equipped with an automatic water-stage recorder, measurements are given of the depth to water level at the times the recorder charts were changed, which was generally once a week. A continuous record of the fluctuations of water level in this well has been obtained since August 1928.

In general, the difference in the fluctuations of water level from place to place throughout the region is due chiefly to differences in quantity of water pumped for irrigation in the various parts of the region, but the greatest differences, which occur in the extreme southeastern part of the region, probably are due to differences in the stage of the White River. The water levels in all wells in the Grand Prairie region fluctuate as a result of changes in atmospheric pressure, at times as much as 0.8 foot in 24 hours and more than 1 foot in a few days. To make accurate comparisons of the water level on corresponding dates in different years, corrections for such fluctuations must be made by comparing the atmospheric pressures, as determined from barograph records at some place nearby, at the time of measurements in the successive years.

In accordance with new standards adopted by the Geological Survey the measuring point at each well is being tied in to a datum plane that is approximately the land surface at the well. Inasmuch as a number of wells have not yet been tied in, the measurements in these wells for 1944 are not included in this report. Except as noted, only those wells whose measuring-point elevations have been determined relative to the land surface are included. The measuring points of all other wells in which measurements have been made will be tied in to land-surface datum as soon as possible. The measurements will then be corrected to the new datum and published.

WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

Arkansas County

280 (*777, pp. 13-14; 817, pp. 4-5; 840, p. 14; 845, pp. 8-9; 886, p. 11; 909, p. 10; 939, pp. 6-7; 947, p. 9; *989, p. 7). Fred Hederich. NW¼NW¼ sec. 3, T. 3 S., R. 5 W.; about 0.5 mile south and 1 mile east of Stuttgart. Equipped with automatic water-stage recorder. Comparison of the record for 1944 with the records for previous years may be made by reference to a graph, showing the lowest water level reached each day from August 1928, when the recorder was installed, to the end of 1937. (See Water-Supply Paper 840, p. 9.)

Water level, in feet below land-surface datum, 1944

Date	Hour	Water level	Date	Hour	Water level
Jan. 1	1:35 p.m.	92.70	July 1	8:30 p.m.	96.02
8	1:45 p.m.	92.62	8	8:25 p.m.	94.91
15	2:00 p.m.	92.29	15	3:15 p.m.	96.97
22	6:00 p.m.	92.43	22	6:20 p.m.	97.30
29	11:05 a.m.	92.66	29	8:15 a.m.	96.93
Feb. 5	12:35 p.m.	92.47	Aug. 5	7:40 a.m.	94.80
12	2:25 p.m.	93.05	12	6:05 p.m.	96.18
19	2:00 p.m.	92.68	19	5:40 p.m.	97.59
26	5:00 p.m.	92.29	26	3:00 p.m.	94.99
Mar. 4	2:00 p.m.	92.07	Sept. 2	7:40 p.m.	94.65
11	2:00 p.m.	92.92	9	7:40 p.m.	94.35
18	4:05 p.m.	91.99	17	1:00 p.m.	94.50
25	6:30 p.m.	93.18	23	5:50 p.m.	94.25
27	6:15 p.m.	92.29	Oct. 1	3:30 p.m.	94.21
Apr. 1	5:30 p.m.	92.20	8	12:40 p.m.	94.24
8	5:50 p.m.	92.05	14	7:30 p.m.	94.03
15	6:25 p.m.	91.76	22	12:45 p.m.	94.28
22	4:50 p.m.	92.05	29	4:40 p.m.	93.85
29	6:50 p.m.	92.31	Nov. 5	12:30 p.m.	93.90
May 6	6:45 p.m.	92.21	12	12:30 p.m.	93.82
13	8:00 p.m.	92.27	18	5:45 p.m.	93.81
20	7:50 p.m.	91.94	25	2:15 p.m.	93.56
27	8:00 p.m.	92.29	Dec. 2	3:40 p.m.	94.21
June 3	7:45 p.m.	92.05	9	5:15 p.m.	93.62
10	8:15 p.m.	94.62	16	5:05 p.m.	93.63
17	8:30 p.m.	94.88	23	3:50 p.m.	93.73
24	8:10 p.m.	96.16	30	4:00 p.m.	93.92

The following table gives the highest and lowest water levels reached during the period 1938-44 in feet below land surface. The high stages are due in part to extremely low atmospheric pressure. Water levels given in the table have not been corrected for barometric fluctuations.

Year	Date	Lowest water level	Date	Highest water level
1938	Sept. 4	93.90	Feb. 18	87.71
1939	Aug. 21	94.86	Jan. 29	88.00
1940	Aug. 6	94.69	Apr. 17	89.12
1941	Aug. 17	94.90	Apr. 21	89.58
1942	Aug. 3	94.72	Apr. 9	90.10
1943	Aug. 27	96.92	May 24	90.84
1944	Aug. 20	97.62	Apr. 11	91.61

205 (*777, p. 12; 817, p. 5; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 9; *989, p. 8). D. F. Fowler. Near NW. corner sec. 4, T. 2 S., R. 5 W. Water level, in feet below land-surface datum, 1944: Apr. 19, 4:55 p.m., 97.36.

210 (*845, p. 10; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 9; *989, p. 8). W. H. Kornbaum. SE¼NE¼ sec. 1, T. 2 S., R. 5 W. Water level, in feet below land-surface datum, 1944: Apr. 21, 3:10 p.m., 95.91.

245 (*909, p. 11; 939, p. 7; 947, p. 9; *989, p. 8). J. W. Darrough. Near NW. corner sec. 22, T. 2 S., R. 4 W. No measurements made in 1944.

261 (*777, p. 13; 817, p. 5; 886, p. 11; 939, p. 7; 947, p. 9; *989, p. 8). W. M. Trice. SW¼SE¼ sec. 9, T. 2 S., R. 3 W. No measurements made in 1944.

274 (*909, p. 12; 939, p. 7; 947, p. 9; *989, p. 8). W. W. Crum. NW¼ sec. 29, T. 3 S., R. 6 W. Water level, in feet below land-surface datum, 1944: Apr. 5, 2:45 p.m., 23.28.

293 (*845, p. 10; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 9; *989, p. 9). J. C. Gleason. SW¼NW¼ sec. 12, T. 3 S., R. 5 W., a short distance south of railroad. No measurements made in 1944.

305 (*909, p. 12; 939, p. 7; 947, p. 9; 989, p. 9). Pearl Clow. NW¼NW¼ sec. 32, T. 3 S., R. 5 W. No measurements made in 1944.

311 (*840, p. 18; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 9; *989, p. 9). W. J. Schrock. NW¼ sec. 5, T. 3 S., R. 4 W. Water level, in feet below land-surface datum, 1944: Apr. 7, 9:40 a.m., 102.83.

318 (*777, p. 15; 817, p. 5; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 9; *989, p. 9). University of Arkansas. SE¼SE¼ sec. 3, T. 3 S., R. 4 W. Water level, in feet below land-surface datum, 1944: Apr. 7, 10:45 a.m., 88.00.

344 (*840, p. 18; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; *989, p. 9). F. T. Hill. NW¼NW¼ sec. 26, T. 3 S., R. 4 W. Water level, in feet below land-surface datum, 1944: Apr. 8, 1:30 p.m., 93.99.

353 (*840, p. 19; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; 989, p. 9). R. L. Mitchell. NE¼SE¼ sec. 6, T. 3 S., R. 3 W. No measurements made in 1944.

355 (*909, p. 13; 939, p. 7; 947, p. 10; *989, p. 9). W. A. Fehrenbaker. SE¼NE¼ sec. 21, T. 3 S., R. 3 W. No measurements made in 1944.

362 (*909, p. 13; 939, p. 7; 947, p. 10; *989, p. 9). H. Bothe Estate. NW¼ sec. 22, T. 3 S., R. 2 W. No measurements made in 1944.

364 (*909, p. 14; 939, p. 7; 947, p. 10; *989, p. 9). J. T. McWilliams. SE¼NE¼ sec. 35, T. 3 S., R. 2 W. No measurements made in 1944.

374A (*886, p. 12; 947, p. 10; 989, p. 9). Charles W. MacDougall. NE¼NW¼ sec. 1, T. 4 S., R. 5 W. No measurements made in 1944.

378 (*886, p. 13; 939, p. 7; 947, p. 10; *989, p. 9). Yeske. Near SE. corner sec. 13, T. 4 S., R. 5 W. No measurements made in 1944.

392A (*777, p. 15; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; 989, p. 9). Fred E. Hillman. SW¼ sec. 1, T. 4 S., R. 4 W. No measurements made in 1944.

412 (*840; p. 19; 845, p. 12; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; *989, p. 9). Fred Dupslaff. NW¼ sec. 5, T. 4 S., R. 2 W. No measurements made in 1944.

414 (*840, p. 19; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; 989, p. 9). J. T. McWilliams. Near NE. corner, sec. 11, T. 4 S., R. 2 W. No measurements made in 1944.

415 (*909, p. 14; 939, p. 7; 947, p. 10; *989, p. 9). J. W. Watkins. SW¼SE¼ sec. 19, T. 4 S., R. 2 W. No measurements made in 1944.

437 (*886, p. 13; 909, p. 11; 939, p. 7; 947, p. 10; 989, p. 9). B. L. Williams. Near SW. corner sec. 7, T. 5 S., R. 4 W. No measurements made in 1944.

440 (*845, p. 11; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; *989, p. 9). American Southern Trust Co. SE¼NE¼ sec. 12, T. 5 S., R. 4 W. No measurements made in 1944.

456 (*777, p. 15; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; *989, p. 10). E. W. McCuskey. Near NW. corner NE¼ sec. 16, T. 5 S., R. 3 W. No measurements made in 1944.

457A (*909, p. 15; *939, p. 8 ; 947, p. 9). Missouri State Insurance Co. (?). SE¼SE¼ sec. 31, T. 5 S., R. 3 W. Water levels, in feet below land-surface datum: Apr. 7, 1943, 5:10 p.m., 72.74; Apr. 12, 1944, 12:35 p.m., 73.69.

461 (*886, p. 13; 909, p. 11; 939, p. 7; *989, p. 10). Dewitt Bank & Trust Co. NW¼SW¼ sec. 34, T. 5 S., R. 2 W. Water level, in feet below land-surface datum, 1944: Apr. 11, 4:55 p.m., 60.97.

475 (*840, p. 20; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; *989, p. 10). Ben Lowe. SW¼SE¼ sec. 21, T. 6 S., R. 3 W. No measurements made in 1944.

491 (*909, p. 16; 939, p. 7; 947, p. 10; *989, p. 10). Cunningham & Felt. Spanish grant 2358, equivalent to sec. 24, T. 7 S., R. 4 W. No measurements made in 1944.

492 (*909, p. 16; 939, p. 7; 947, p. 10; *989, p. 10). A. M. Lowe. SE. corner sec. 3, T. 7 S., R. 3 W. No measurements made in 1944.

499 (*777, p. 16; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; 989, p. 10). Quandt & Lowe. Spanish grant 2300, equivalent to sec. 27 or 34, T. 7 S., R. 3 W. No measurements made in 1944.

501 (*777, p. 16; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; 989, p. 10). W. J. Bohnert. SW¼ (?) sec. 32, T. 7 S., R. 5 W. No measurements made in 1944.

506 (*840, p. 22; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; 989, p. 10). J. M. Satchfield. SE¼SW¼ sec. 17, T. 7 S., R. 2 W. No measurements made in 1944.

507 (*777, p. 17; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 11; 909, p. 11; 939, p. 7; 947, p. 10; *989, p. 10). J. M. Satchfield. Near SW. corner sec. 16, T. 7 S., R. 2 W. No measurements made in 1944.

514 (*909, p. 17; 939, p. 7; 947, p. 10; 989, p. 10). J. M. Satchfield. SE¼NW¼ sec. 33, T. 7 S., R. 2 W. No measurements made in 1944.

B87 (*909, p. 17; 939, p. 7; 947, p. 10; *989, p. 10). W. E. Boyd. Center north side sec. 31, T. 2 S., R. 5 W. No measurements made in 1944.

B91 (*909, p. 17; 939, p. 7; 947, p. 10; *989, p. 10). Enders. SE¼ sec. 10, T. 2 S., R. 4 W. No measurements made in 1944.

B110 (*909, p. 17; 939, p. 7; 947, p. 10; *989, p. 10). N½ sec. 20, T. 3 S., R. 5 W. No measurements made in 1944.

B133 (*909, p. 17; 939, p. 7; 947, p. 10; *989, p. 10). Snow Wilson (Goetz). SW¼NW¼ sec. 21, T. 4 S., R. 5 W. No measurements made in 1944.

B171 (*909, p. 17; 939, p. 7; 947, p. 10; *989, p. 10). South side sec. 13, T. 5 S., R. 3 W. No measurements made in 1944.

B189 (*909, p. 18; 939, p. 7; 947, p. 10; *989, p. 10). W. J. Bohnert. NW¼ sec. 32, T. 7 S., R. 3 W., on State Highway 1. No measurements made in 1944.

B192 (*909, p. 18; 939, p. 7; 947, p. 10; *989, p. 10). Sec. 5, T. 8 S., R. 3 W. No measurements made in 1944.

Jefferson County

270 (*840, p. 17; 845, p. 9; 886, p. 14; 909, p. 18; 939, p. 9; 947, p. 10; 989, p. 11). V. D. Harlin. NW¼ (?) sec. 24 (?), T. 3 S., R. 7 W. No measurements made in 1944.

Lonoke County

1 (*840, p. 15; 845, p. 9; 886, p. 14; 909, p. 18; 939, p. 9; 947, p. 10; 989, p. 11). NW. corner sec. 11, T. 2 N., R. 9 W. No measurements made in 1944.

5 (*909, p. 18; 939, p. 9; 947, p. 10; *989, p.11). Carl Lilly. SE. corner SW¼ sec. 31, T. 3 N., R. 7 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 3:25 p.m., 62.60.

8 (*840, p. 16; 845, p. 9; 886, p. 14; 909, p. 18; 939, p. 9; 947, p. 10; *989, p. 11). Owner unknown. Near NW. corner sec. 4, T. 2 N., R. 8 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 2:25 p.m., 53.00.

10 (*777, p. 8; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 14; 909, p. 18; 939, p. 9; 947 p. 10; *989, p. 11). G. G. Fitch. Near NW. corner NE¼SE¼ sec. 12, T. 2 N., R. 8 W. No measurements made in 1944.

19 (*909, p. 19; 939, p. 9; 947, p. 10; *989, p. 11). Charles G. Miller. SW¼ sec. 26, T. 2 N., R. 8 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 4:55 p.m., 53.79.

27 (*909, p. 19; 939, p. 9; 947, p. 10; *989, p. 11). J. T. Kelly. NE¼NW¼ sec. 1, T. 2 N., R. 7 W. Water level, in feet below land-surface datum, 1944: Apr. 25, 10:40 a.m., 67.30.

28 (*840, p. 16; 845, p. 9; 886, p. 14; 909, p. 18; 939, p. 9; 947, p. 10; *989, p. 11). G. Koch. SW¼NE¼ sec. 9, T. 2 N., R. 7 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 3:40 p.m., 71.67.

37 (*909, p. 19; 939, p. 9; 947, p. 10; *989, p. 11). SW¼SE¼ sec. 29, T. 2 N., R. 7 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 5:05 p.m., 59.35.

61 (*886, p. 14; 909, p. 18; 939, p. 9; 947, p. 10; *989, p. 11). Lonoke County Bank, Bishop farm. 15 miles north of SW. corner SW¼ sec. 4, T. 1 N., R. 8 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 12:10 p.m., 50.80.

126 (*777, p. 10; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 14; 909, p. 18; 939, p. 9; 947, p. 10; *989, p. 11). Vennum & Patterson. NW¼NW¼ sec. 12, T. 1 S., R. 7 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 9:25 a.m., 40.13.

127 (*840, p. 17; 845, p. 9; 886, p. 14; 909, p. 18; 939, p. 9; 947, p. 10; *989, p. 11). Vennum & Patterson. SE¼NE¼ sec. 14, T. 1 S., R. 7 W. Water level, in feet below land-surface datum, 1944: Apr. 24, 9:05 a.m., 37.32.

Monroe County

178 (*909, p. 20; 939, p. 9; 947, p. 10; *989, p. 11). Kreimeir Estate. SW¼NW¼ sec. 22, T. 1 S., R. 4 W. Water level, in feet below land-surface datum, 1944: Apr. 20, 5:40 p.m., 74.68.

...eo (*886, p. 15; 909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). Hugh H. Burns. NE¼NW¼ sec. 19, T. 1 S., R. 3 W. No measurements made in 1944.

Prairie County

45 (*909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). Frank Dvorak. NE¼SW¼ sec. 19, T. 2 N., R. 6 W. Water level, in feet below land-surface datum, 1944: Apr. 25, 1:35 p.m., 78.92.

55 (*777, p. 9; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 16; 909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). George Jensen (?). Near SW. corner sec. 13, T. 2 N., R. 5 W. Water level, in feet below land-surface datum, 1944: Apr. 23, 5:30 p.m., 62.57.

88 (*886, p. 16; 909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). Herman Hardke. NE¼NE¼ sec. 8, T. 1 N., R. 6 W. Water level, in feet below land-surface datum, 1944: Apr. 22, 11:15 p.m., 63.25.

97 (*909, p. 21; 939, p. 9; 947, p. 10; *989, p. 12). J. A. Papan. SW. corner sec. 20, T. 1 N., R. 6 W. Water level, in feet below land-surface datum, 1944: Apr. 22, 10:00 a.m., 63.19.

100 (*840, p. 16; 845, p. 9; 886, p. 16; 909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). George Ballo. SW¼SW¼ sec. 25, T. 1 N., R. 6 W. No measurements made in 1944.

110 (*909, p. 21; 939, p. 9; 947, p. 10; *989, p. 12). F. W. Sickel. NW¼NE¼ sec. 15, T. 1 N., R. 5 W. Water level, in feet below land-surface datum, 1944: Apr. 21, 5:20 p.m., 83.72.

122 (*886, p. 16; 909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). George Randall. SE¼NE¼ sec. 29, T. 1 N., R. 4 W. Water level, in feet below land-surface datum, 1944: Apr. 21, 4:15 p.m., 78.07.

135 (*777, p. 11; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 16; 909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). C. D. Hohe. SW¼NW¼ sec. 27, T. 1 S., R. 6 W. Water level, in feet below land-surface datum, 1944: Apr. 19, 3:40 p.m., 46.89.

144 (*777, p. 11; 817, p. 5; 840, p. 15; 845, p. 9; 886, p. 16; 909, p. 20; 939, p. 9, 947, p. 10; *989, p. 12). Powell. SE¼NE¼ sec. 8, T. 1 S., R. 5 W. No measurements made in 1944.

201 (*845, p. 10; 886, p. 16; 909, p. 20; 939, p. 9; 947, p. 10; *989, p. 12). N½NW¼ sec. 14, T. 2 S., R. 6 W., a short distance south of old railroad grade. Water level, in feet below land-surface datum, 1944: Apr. 19, 2:25 p.m., 48.99.

LOUISIANA

By G. C. Taylor and T. P. Shelley

PROGRAM OF WORK

Ground-water investigations in Louisiana were continued in 1944 in cooperation with the Geological Survey, Louisiana Department of Conservation, and the Louisiana Department of Public Works. The investigations, which have been conducted on a cooperative basis since 1938, include the periodic measurement of water levels and artesian pressures in a number of key wells.

During 1944 a total of 1,617 water-level measurements was made in 228 selected wells in 25 parishes. Weekly measurements were made in 16 wells, and monthly measurements were made in 52 wells. All other measurements were made at irregular intervals.

Automatic water-stage recorders were operated on 16 wells during 1944 although at the end of the year only 13 wells were so equipped. Nine of the recorders are installed on wells in or near the Baton Rouge industrial district; two are installed on wells in the Lake Charles industrial area; one is on a well near Lafayette, at the eastern margin of the rice-farming area; and one is on a well at the Shell Oil Co. refinery in Norco. Figure 2 shows the location of all wells in Louisiana for which water-level records were obtained during 1944.

All water-level measurements were made by members of the technical staff with the exception of those for well Al-29, at Elizabeth, and well Sc-6, at Norco; measurements in these wells were obtained through the cooperation of W. E. Emigh, of the Calcasieu Sulphate Paper Co., and J. L. Davies, of the Shell Oil Co., respectively.

The observation-well program for 1944 was largely related to studies of conditions in areas where ground-water supplies are of critical importance in the production of materials of war. An intensive study was begun early in the year at Baton Rouge in response to a request by the War Production Board. Water-level records in the Lake Charles area have been

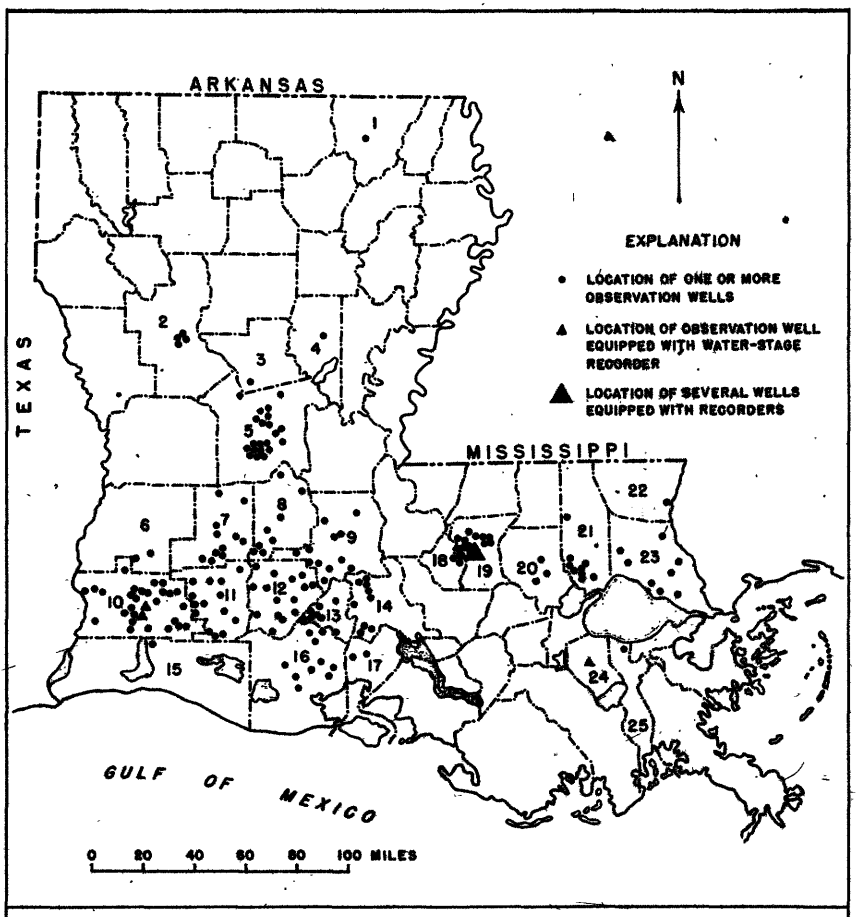

Figure 2.—Map of Louisiana showing location of observation wells.

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of considerable assistance in answering questions of the War Production Board with regard to new industrial-well installations. Measurements were continued in the Alexandria area where wells supply several million gallons of water a day to camps and airfields of the United States Army.

FLUCTUATIONS OF WATER LEVEL

Northern Louisiana.--No ground-water investigations were made in northern Louisiana during 1944. One measurement of water level in a key well at Bastrop, in Morehouse Parish, shows a rise of 1.27 feet over the measurement made in January 1943.

Central Louisiana.--The observation-well program in central Louisiana was somewhat expanded in 1944. It included 27 wells in Natchitoches, Grant, LaSalle, and Rapides Parishes in which 260 water-level measurements were made. Of these measurements, 6 were made in 4 wells in Natchitoches Parish, 2 were made in 1 well in Grant Parish, 1 was made in a well in LaSalle Parish, and 251 were made in 21 wells in Rapides Parish.

The water level in the well in Grant Parish showed a decline of 3.57 feet during the year. In Natchitoches Parish water levels in wells located 2 to 4 miles south of Natchitoches and screened in the Wilcox sands showed declines of from 5.7 to 6 feet during the year. These declines may be attributed to pumpage from a well, screened in Wilcox sand, at the new pumping station, about 5 miles south of Natchitoches. The water level in well Na-69, at the same pumping station and screened in Sparta sand, showed a decline of 29.79 feet between August 16 and October 22. This well yields about 175 gallons a minute, and has been pumped almost continually since its completion in August 1944. No other wells in the Natchitoches area are screened in the Sparta sand.

Water levels in wells in Rapides Parish showed no appreciable changes from 1943, except in the Alexandria area. During the spring and early summer months the water levels in wells in Alexandria showed a recovery of from 10 to 20 feet over the 1943 levels. This was probably the result of the decreased pumpage in the urban area made possible by the new supply obtained from Bayou Rapides well field, about 6 miles northwest of Alexandria. The recovery was only temporary, however. Water levels in wells in the urban area fell progressively during the autumn months and in late October the level in well 26 (see fig. 3) was the lowest ever recorded.

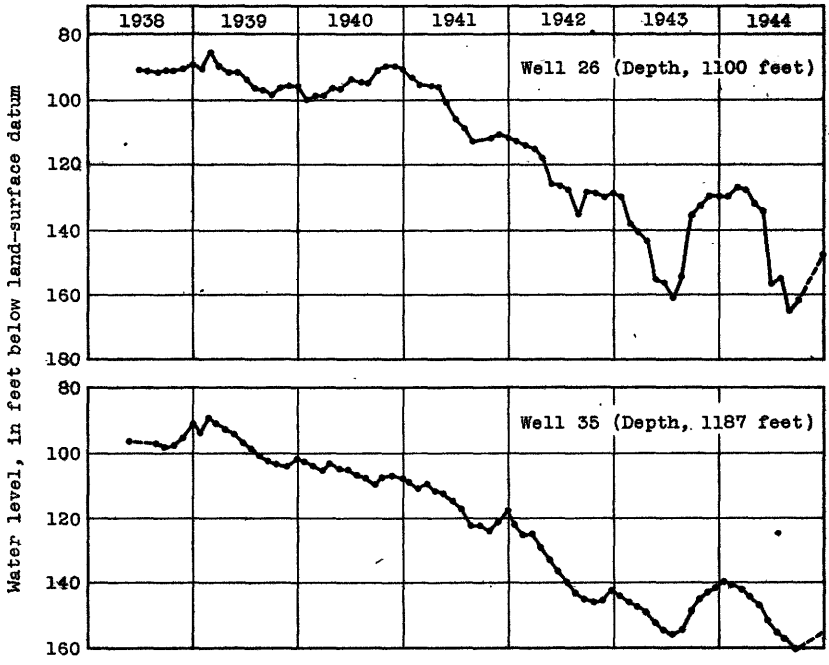

Figure 3.—Graphs showing fluctuations of water level in two wells at Alexandria, La., 1938-44.

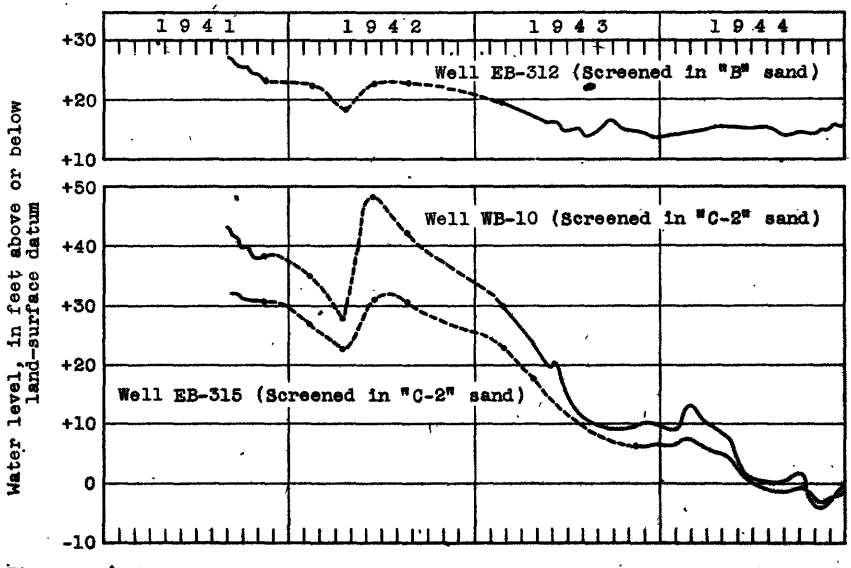

Figure 4.—Graphs showing fluctuations of water level in three typical wells in the Baton Rouge, La., area, 1941-44.

in this well. The water level was more than 28 feet lower than it had been the same time the previous year.

The water level in well La-41, in LaSalle Parish, showed no appreciable change from the 1943 level.

Southwestern Louisiana.--During 1944, about 590 measurements of water

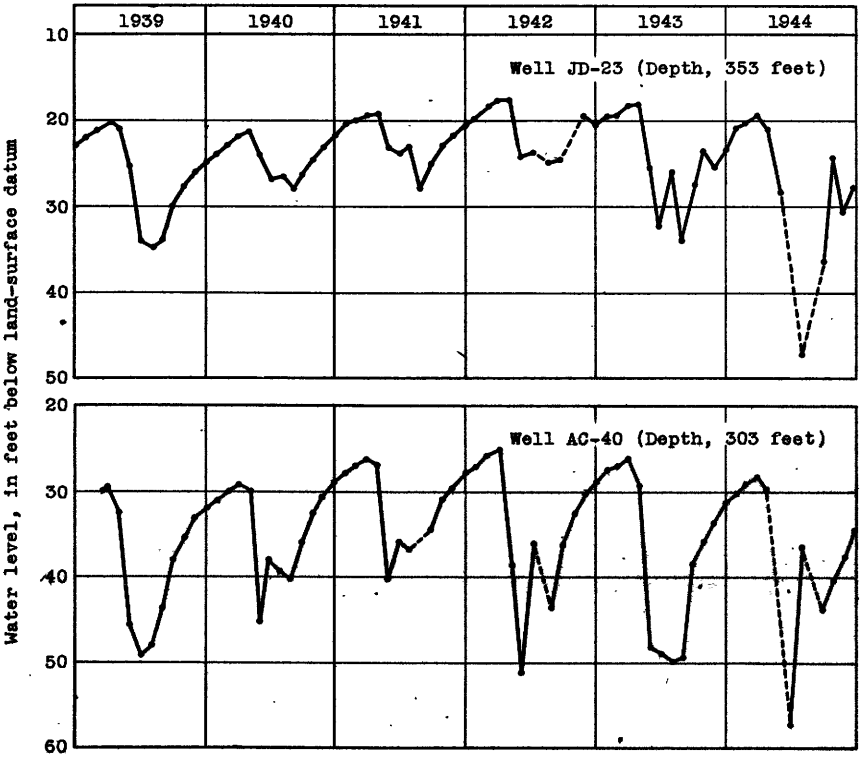

Figure 5.— Graphs showing influence of pumpage on water levels in wells in the rice area of southwestern Louisiana.

level were made in 121 wells in 12 parishes in southwestern Louisiana. Measurements were made in each parish as follows: 55 in 12 wells in Allen Parish; 46 in 13 wells in Acadia Parish; 3 in 2 wells in Beauregard Parish; 141 in 29 wells in Calcasieu Parish; 2 in 1 well in Cameron Parish; 31 in 8 wells in Evangeline Parish; 6 in 2 wells in Iberia Parish; 59 in 14 wells in Jefferson Davis Parish; 101 in 9 wells in Lafayette Parish; 40 in 12 wells in St. Landry Parish; 54 in 9 wells in St. Martin Parish; and 32 in 10 wells in Vermilion Parish. Measurements were made in wells located in

five parishes in which no observation wells were measured prior to 1944. The enlargement of the observation-well program has enabled the piezometric maps to be expanded so that, at present, they cover almost all of the rice-farming area.

Because of very dry weather in the rice-farming area of southwestern

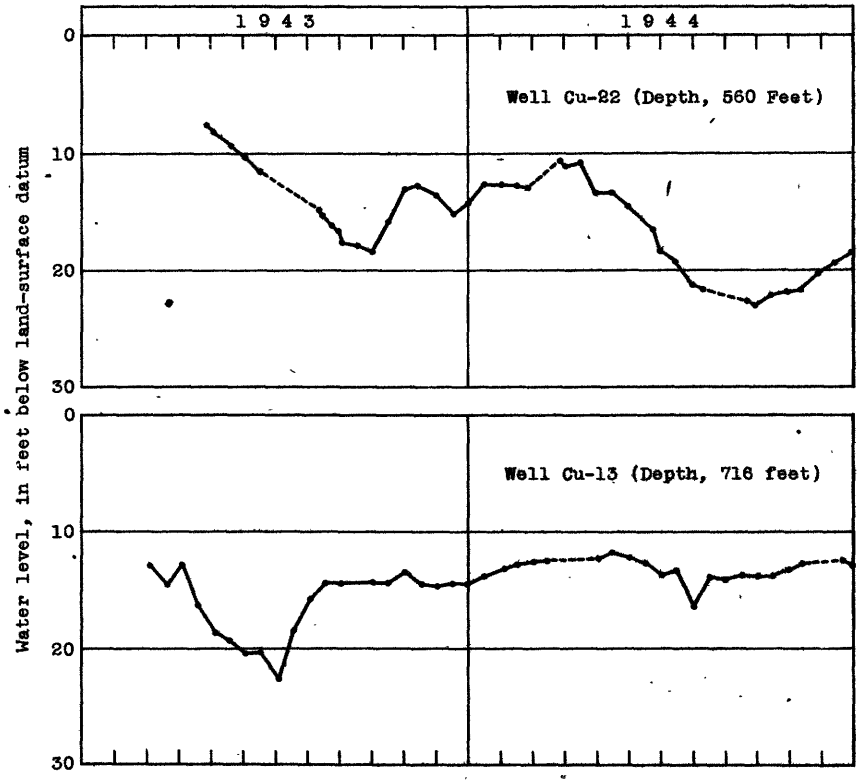

Figure 6.—Graphs showing fluctuations of water level in two wells in the Lake Charles industrial area, Calcasieu Parish, La.

Louisiana during June and July of 1944, more ground water was pumped for irrigation than had ever been pumped before. As a result, water levels in wells declined to a maximum recorded low, as shown graphically on figure Precipitation was above normal in August, and water levels recovered rapidly during the month. However, at the end of the year water levels in all observation wells in the area, which are measured at monthly intervals, were from 1.5 to 6.9 feet below levels measured at the end of 1943.

Pronounced declines in water level occurred in 1944 in the "500-foot" sand of the Lake Charles area. Increased consumption of ground water for industrial use is largely responsible for this, although pumpage of water for rice irrigation contributed to the decline. At the end of 1944 the water level in well Cu-22, which is equipped with a continuous water-stage recorder, was 4.41 feet lower than at the end of 1943. The rate and magnitude of the decline is shown graphically on figure 6. Water levels in the "700-foot" sand showed little fluctuation because there are fewer wells screened in it, pumpage from it is less variable, and several of the industrial wells screened in it were not pumped at all during 1944.

Southeastern Louisiana.--About 760 water-level measurements were made in 79 wells in 8 parishes of southeastern Louisiana during 1944. Of these, 694 were made in 53 wells in East Baton Rouge Parish; 1 in 1 well in Jefferson Parish; 6 in 3 wells in Livingston Parish; 16 in 8 wells in St. Tammany Parish; 18 in 9 wells in Tangipahoa Parish; 29 in 3 wells in West Baton Rouge Parish; and 2 in 1 well in Washington Parish. Records for well Sc-6 in St. Charles Parish were taken from recorder charts.

Water levels in the "400-foot" and "600-foot" sands of the Baton Rouge area which supply the larger part of the water used in cooling operations, declined during the summer of 1944 to the maximum recorded low. Figure 7 shows graphically the water levels in 4 wells screened in the "shallow" sands--which have been labelled the "A-1" (the "400-foot") and the "A-2" (the "600-foot") sands for convenience in reference. Figure 7 also shows the total industrial pumpage in millions of gallons a day for each month during the past 5 years. The graphs show that there is a very intimate relationship between the rate of withdrawal and the position of water levels. The sharp recovery which occurred during the late fall months of 1944 was the result of pumpage reductions made possible, in part, by water-conservation measures.

Water levels in wells in the Baton Rouge industrial district screened in sands at depths of 1,200 to 1,700 feet--termed the "B" sands for convenience in reference--showed very little decline during the year. This is probably because there are no industrial wells screened in the "B" sands.

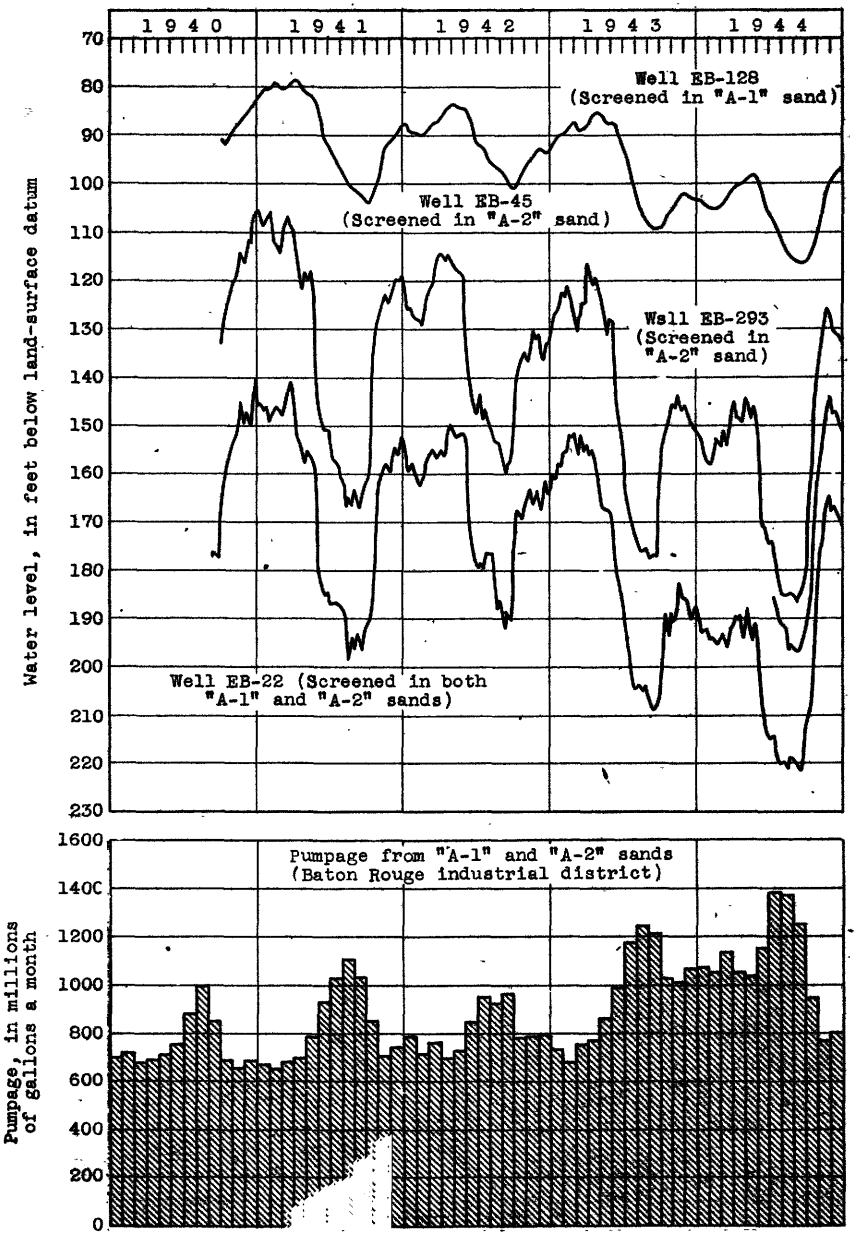

Figure 7.—Graphs showing the relation of pumpage to water levels in wells in the industrial district of the Baton Rouge, La., area, 1940–44.

A continued decline of water levels in wells in the Baton Rouge area screened in the deep sands, those below a depth of 1,700 feet, is shown in figure 4. These sands, labelled the "C" sands for purposes of study, supply a maximum of about 20 million gallons of water a day to wells in or near the Baton Rouge industrial district. As the graphs show, there has been a decline of more than 35 feet in well EB-315, and more than 50 feet in well WB-10 since the late summer of 1942. Water levels fell below the land surface in these wells for the first time in 1944.

No marked changes in water level occurred in wells in southeastern Louisiana outside the Baton Rouge area. Artesian pressures in the flowing wells located in the strawberry-irrigation area generally showed a decline of a few tenths of a foot from those of the preceding year. Water levels in well Sc-6 were consistently lower during 1944 than during 1943. At the end of the year a net decline of 3.2 feet was apparent in this well.

WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

Acadia Parish

Ac-1 (*845, p. 148). W. M. Hoyt. 1.2 miles from Midland toward Estherwood, on Highway 90. Water level, in feet below land-surface datum, 1940: Jan. 6, 23.36. No measurements made in 1941-44.

Ac-2 (*845, p. 148). W. M. Hoyt. 1.2 miles from Midland toward Estherwood, on Highway 90. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 15.20 feet. Water levels, in feet below land-surface datum: Jan. 6, 1940, 12.39; Apr. 3, 1940, 9.58; Apr. 9, 1941, 7.25. No measurements made in 1942-44.

Ac-5 (*886, p. 232; 909, p. 28; 939, p. 16; 947, p. 20; *989, p. 22). Mrs. W. S. Bruner. NW¼ sec. 15, T. 8 S., R. 2 E. Water level, in feet below land-surface datum, 1944: Jan. 17, 45.11.

Ac-6. Holt & LeBlanc. NE¼ sec. 27, T. 9 S., R. 2 E. Used irrigation well, equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.50 feet. Land-surface datum is 33.14 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1939	32.59	Apr. 4, 1940	30.40	Apr. 9, 1941	28.30
Dec. 18	33.07	Sept.23	35.48		

Ac-7 (*886, p. 233; 909, p. 28; 947, p. 20; *989, p. 22). Losen Leger. NW¼NE¼ sec. 9, T. 10 S., R. 2 E.

Water level, in feet below land-surface datum, 1944

Jan. 17	28.43	May 10	40.30	Sept.29	37.05
Apr. 12	26.69	26	37.25		

Ac-8. A. C. Dischler. SE¼ sec. 12, T. 10 S., R. 1 E. Used drilled irrigation well, diameter 12 inches, depth 300 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.60 feet. Land-surface datum is 25.99 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1939	26.10	Apr. 3, 1940	23.93	Apr. 9, 1941	21.68
Dec. 18	26.79	Sept.21	29.14		

Ac-9. Sidney J. Richard. NE¼NW¼ sec. 24, T. 10 S., R. 1 W. Used drilled irrigation well, equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe line being 3.00 feet. Land-surface datum is 18.86 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 7, 1939	18.92	Dec. 18, 1939	19.97	Sept.23, 1940	22.40
Apr. 20	18.01	Apr. 3, 1940	16.80	Apr. 9, 1941	14.39
Sept.15	25.78				

Ac-12. Steven Fontenot. NW¼ sec. 24, T. 8 S., R. 1 W. Used drilled irrigation well, diameter 24 inches, depth 299 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.20 feet. Water levels, in feet below land-surface datum, 1939: Feb. 6, 32.32; Apr. 17, 32.27. No measurements made in 1940-44.

Ac-15. Arthur Loewer. NW¼ sec. 5, T. 8 S., R. 1 E. Used drilled irrigation well, diameter 30 to 12 inches, depth 312 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.10 feet. Land-surface datum is 46.21 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Feb. 7, 1939	42.68	Apr. 6, 1940	41.26	Apr. 10, 1941	38.73
Dec. 21	44.72	Sept.24	50.20		

Ac-17. Dr. F. N. Hayes. SW¼ sec. 3, T. 8 S., R. 1 W. Used drilled irrigation well, depth 335 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.80 feet. Land-surface datum is 44.39 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 10, 1939, 42.06; Dec. 20, 1939, 44.41; Apr. 8, 1940, 40.69. No measurements made in 1941-44.

Ac-18. Dr. F. N. Hayes. SE¼ sec. 42, T. 7 S., R. 1 W. Used drilled irrigation well, depth 335 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.70 feet. Land-surface datum is 41.40 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 10, 1939, 39.00; Dec. 20, 1939, 41.38; Apr. 8, 1940, 37.69; Apr. 10, 1941, 35.19. No measurements made in 1942-44.

Ac-19 (*886, p. 233). Joseph Ohlenforst. SE¼ sec. 42, T. 7 S., R. 1 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum being 3.00 feet. Land-surface datum is 41.17 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 6, 1940, 37.18; Apr. 10, 1941, 34.68. No measurements made in 1942-44.

Ac-20. Lorenz Zaunbrecher. NE¼ sec. 35, T. 7 S., R. 1 W. Used drilled irrigation well, diameter 12 inches, depth 348 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.20 feet. Land-surface datum is 41.64 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 15, 1939, 38.49; Dec. 21, 1939, 40.88; Apr. 8, 1940, 37.20; Sept. 24, 1940, 45.97. No measurements made in 1941-44.

Ac-22 (*886, p. 233; 909, p. 28; 939, p. 16; 947, p. 20; *989, p. 22). Harry Frey. S½ sec. 19, T. 7 S., R. 1 E. Water levels, in feet below land-surface datum, 1944: Jan. 17, 52.40; Apr. 12, 61.72; May 26, 56.40; Sept. 27, 59.48.

Ac-25. Raymond McManas. SE¼ sec. 21, T. 7 S., R. 1 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.70 feet. Land-surface datum is 42.75 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 15, 1939, 40.60; Dec. 20, 1939, 43.08; Apr. 8, 1940, 39.37; Sept. 24, 1940, 47.92. No measurements made in 1941-44.

Ac-27. Mrs. M. L. Vincent. SE¼ sec. 30, T. 7 S., R. 1 W. Used drilled irrigation well, diameter 12 inches, depth 120 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.00 feet. Land-surface datum is 39.70 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 16, 1939, 36.75; Dec. 20, 1939, 44.00; Apr. 8, 1940, 35.76. No measurements made in 1941-44.

Ac-32 (*886, p. 233). John Wilfert. SW¼ sec. 10, T. 7 S., R. 1 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.30 feet. Land-surface datum is 46.77 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 8, 1940, 41.48; Apr. 10, 1941, 39.06. No measurements made in 1942-44.

Ac-34 (*886, p. 233; 909, p. 29; 939, p. 16; 947, p. 20; *989, p. 22). Dr. F. N. Hayes. SW¼ sec. 10, T. 7 S., R. 2 W. Water levels, in feet below land-surface datum, 1944: Jan. 17, 41.65; Apr. 12, 38.89.

Ac-35 (*886, p. 233; 909, p. 29; 939, p. 16; 947, p. 20; *989, p. 23). Onezime Doucet. NW¼ sec. 22, T. 8 S., R. 2 W. Water levels, in feet below land-surface datum, 1944: Jan. 17, 37.74; Apr. 12, 36.06; Sept. 27, 51.80.

Ac-36. Morris Miller. NW¼NW¼ sec. 12, T. 8 S., R. 1 W. Used drilled irrigation well, diameter 12 inches, depth 370 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 6.00 feet. Land-surface datum is 40.23 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-40

Date	Water level	Date	Water level	Date	Water level
Feb. 18, 1939	37.78	Apr. 8, 1940	36.57	Apr. 10, 1941	33.91
Dec. 21	40.24	Sept. 24	45.40		

Ac-40 (*886, p. 234; 909, p. 29; 939, p. 16; 947, p. 21; *989, p. 23) H. A. Kerr. NE¼ sec. 1, T. 9 S., R. 1 W. Measuring point, top of pit, at land-surface datum, which is 31.91 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	30.20	Apr. 28	29.92	Sept. 27	44.18	Nov. 25	37.50
Feb. 25	29.19	June 27	57.14	29	43.80	Dec. 29	34.38
Mar. 31	28.13	July 27	36.14	Oct. 27	40.30		

Ac-44. Mr. W. L. Trimble. NW¼ sec. 6, T. 9 S., R. 1 E. Used drilled irrigation well, equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.70 feet. Land-surface datum is 35.11 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 14, 1939, 32.63; Dec. 22, 1939, 35.54; Apr. 6, 1940, 32.15; Sept. 24, 1940, 40.38. No measurements made in 1941-44.

Ac-47. Mrs. W. J. Zaunbrecher. NE¼ sec. 18, T. 8 S., R. 1 E. Used drilled irrigation well, equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.70 feet. Land-surface datum is 38.13 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 14, 1939, 34.80; Dec. 20, 1939, 37.89; Apr. 6, 1940, 34.28; Sept. 24, 1940, 43.25. No measurements made in 1941-44.

Ac-48. Winston Atteberry. SW¼ sec. 20, T. 7 S., R. 1 E. Used drilled irrigation well, diameter 12 inches, depth 320 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 44.70 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 14, 1939, 39.67; Dec. 21, 1939, 42.59; Apr. 6 1940, 39.23; Sept. 24, 1940, 47.90. No measurements 1941-44.

Ac-51. Allen Laughlin. SE¼ sec. 14, T. 7 S., R. 1 E. Unused drilled well, depth 282 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.30 feet. Land-surface datum is 51.41 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Mar. 16, 1939	45.77	Dec. 20, 1939	48.25	Sept.23, 1940	54.20
Apr. 17	46.00	Apr. 5, 1940	45.27	Apr. 10, 1941	43.03
Sept.16	55.60				

Ac-55. W. E. Trimble. SW¼ sec. 24, T. 7 S., R. 1 E. Unused drilled well. Measuring point, top of pit at land-surface datum, which is 49.79 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 16, 1939, 43.24; Dec. 20, 1939, 45.28; Apr. 6, 1940, 42.30; Sept. 23, 1940, 50.20. No measurements made in 1941-44.

Ac-56 (a886, p. 234; 909, p. 29; 939, p. 17; 947, p. 21; a989, p. 23). Henry Bieber. NW¼ sec. 36, T. 7 S., R. 1 E. Water levels, in feet below land-surface datum, 1944: Apr. 12, 43.76; Sept. 29, 59.40.

Ac-57. Henry Bieber. SW¼SE¼ sec. 27, T. 7 S., R. 1 E. Used drilled irrigation well, diameter 10 inches, depth 300 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.90 feet. Land-surface datum is 49.77 feet above Gulf level. Water levels, in feet below land-surface datum: Mar. 16, 1939, 44.92; Apr. 6, 1940, 44.42; May 23, 1940, 53.55; Apr. 10, 1941, 42.19. No measurements made in 1942-44.

Ac-59. Fred Loewer. NE¼ sec. 33, T. 7 S., R. 1 E. Used drilled irrigation well, diameter 12 inches, depth 308 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.60 feet. Land-surface datum is 49.60 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 18, 1939, 45.02; Dec. 21, 1939, 47.85; Apr. 6, 1940, 44.55; Sept. 23, 1940, 53.82. No measurements made in 1941-44.

Ac-61. Spears & Spears. NE¼ sec. 18, T. 7 S., R. 2 E. Used drilled irrigation well. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.10 feet. Land-surface datum is 56.13 feet above mean Gulf level. No measurements made in 1942-44.

Ac-61. Spears & Spears--Continued.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Mar. 20, 1939	49.97	Dec. 21, 1939	52.18	Sept.23, 1940	57.07
Apr. 17	49.88	Apr. 6, 1940	49.49	Apr. 10, 1941	47.35
Sept.16	58.22				

Ac-66. Mrs. August Zaumbrecher. SW¼ sec. 3, T. 8 S., R. 1 E. Used drilled irrigation well. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.90 feet. Land-surface datum is 41.79 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 21, 1939, 37.41; Dec. 20, 1939, 40.27; Apr. 6, 1940, 36.96. No measurements made in 1941-44.

Ac-76. John Bischoff. SW¼ sec. 11, T. 8 S., R. 1 E. Used drilled irrigation well. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 41.21 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Mar. 22, 1939	37.04	Dec. 20, 1939	39.90	Sept.23, 1940	45.72
Apr. 18	42.42	Apr. 4, 1940	36.64	Apr. 10, 1941	34.37
Sept.16	47.90				

Ac-78. Walter Bruner. NW¼ sec. 13, T. 8 S., R. 1 E. Drilled well, depth 376 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface along pipe being 3.60 feet. Land-surface datum is 40.34 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 22, 1939, 36.46; Apr. 4, 1940, 36.05; Sept. 23, 1940, 44.92. No measurements made in 1941-44.

Ac-82. S. F. Link. NW¼ sec. 24, T. 8 S., R. 1 E. Used drilled irrigation well, diameter 10 inches, depth 313 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.40 feet. Land-surface datum is 34.91 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Mar. 22, 1939	31.33	Dec. 20, 1939	34.11	Sept.23, 1940	39.66
Apr. 18	33.48	Apr. 4, 1940	30.93	Apr. 10, 1941	28.68
Sept.16	41.70				

Ac-89. Leonard Trevis. NW¼ sec. 29, T. 8 S., R. 1 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.70 feet. Land-surface datum is 32.70 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Mar. 23, 1939	29.77	Apr. 6, 1940	29.36	Apr. 10, 1941	26.74
Dec. 20	32.88	Sept.24	38.07		

Ac-94. J. B. Stakes. NW¼NE¼ sec. 33, T. 8 S., R. 1 E. Used drilled irrigation well, diameter 12 inches, depth 306 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 32.17 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Mar. 25, 1939	28.30	Dec. 20, 1939	31.31	Sept.24, 1940	36.44
Apr. 18	30.26	Apr. 6, 1940	27.94	Apr. 10, 1941	25.43
Sept.16	39.25				

Ac-104 (#886, p. 234). Hanle Hartwell. SW¼ sec. 2, T. 9 S., R. 1 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.80 feet. Land-surface datum is 36.36 feet above mean Gulf level. No measurements made in 1941-43.

Water level, in feet below land-surface datum, 1940-41, 1944

Date	Water level	Date	Water level	Date	Water level
Apr. 4, 1940	33.74	Apr. 8, 1941	31.34	Sept.29, 1944	47.31
Sept.24	41.41	Apr. 4, 1944	32.68		

Ac-115. C. A. Savoy. South corner of irregular sec. 77, T. 8 S., R. 2 E. Used drilled irrigation well, depth 294 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 51.65 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1939-41, 1944

Mar. 29, 1939	47.21	Apr. 10, 1941	44.95	Oct. 27, 1944	64.03
Dec. 20	49.53	Apr. 12, 1944	47.10	Nov. 25	52.05
Apr. 4, 1940	46.71	June 14	56.76	Dec. 29	48.39
Sept.23	54.42	Sept.29	62.06		

Ac-117. David Bergeron. SE¼ sec. 7, T. 8 S., R. 3 E. Used drilled irrigation well, diameter 10 inches, depth 377 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.40 feet. Land-surface datum is 43.98 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 29, 1939, 38.96; Dec. 20, 1939, 40.88; Apr. 4, 1940, 38.76; Sept. 23, 1940, 42.40. No measurements made in 1941-44.

Ac-118. C. J. Thibodeau. NW¼ sec. 23, T. 8 S., R. 2 E. Used drilled well, diameter 10 inches, depth 385 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.30 feet. Land-surface datum is 45.87 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1939: Mar. 29, 43.18; Dec. 20, 44.65. No measurements made in 1940-44.

Ac-119. W. S. Bruner Estate. SE¼ sec. 15, T. 8 S., R. 2 E. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.70 feet. Land-surface datum is 46.17 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 30, 1939, 42.67; Apr. 4, 1940, 42.35; Sept. 23, 1940, 48.26. No measurements made in 1941-44.

Ac-123. Clovis Thibodeau. SW¼ sec. 16, T. 8 S., R. 2 E. Measuring point, top of pit, at land-surface datum. Land-surface datum is 42.56 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 30, 1939, 38.96; Apr. 18, 1940, 38.35; Sept. 23, 1940, 45.48; Apr. 10, 1941, 36.32. No measurements made in 1942-44.

Ac-124. Walt Bruner. NW¼ sec. 63, T. 8 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.30 feet. Land-surface datum is 41.97 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Mar. 30, 1939	36.80	Dec. 20, 1939	41.42	Sept.23, 1940	45.96
Apr. 18	40.02	Apr. 4, 1940	38.48	Apr. 10, 1941	39.26
Sept.16	47.92				

Ac-128. Theodore Heiner. N½ sec. 17, T. 9 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.10 feet. Land-surface datum is 36.85 feet above mean Gulf level. No measurements made in 1942-44.

Ac-128. Theodore Heiner--Continued.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Mar. 31, 1939	34.90	Dec. 19, 1939	37.21	Sept.24, 1940	40.90
Apr. 19	36.57	Apr. 4, 1940	34.11	Apr. 9, 1941	31.92
Sept.15	44.07				

Ac-135. Overy Arecnaux. SW¼ sec. 1, T. 9 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 36.66 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Apr. 3, 1939	33.90	Dec. 18, 1939	35.77	Sept.23, 1940	38.16
19	34.53	Apr. 4, 1940	33.26	Apr. 9, 1941	30.85

Ac-136. Holt & Cunningham. NW¼ sec. 60, T. 8 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 7.00 feet. Land-surface datum is 37.56 feet above mean Gulf level. No measurement made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Apr. 3, 1939	32.98	Apr. 4, 1940	33.55	Apr. 9, 1941	31.17
Dec. 19	43.08	Sept.25	38.48		

Ac-137. Kennedy Estate. SE¼ sec. 48, T. 8 S., R. 3 E. Used drilled irrigation well. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.60 feet. Land-surface datum is 40.80 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 19, 1939, 37.28; Dec. 28, 1939, 38.55; Apr. 4, 1940, 36.57. No measurements made in 1941-44.

Ac-138. Walter Larcade. NW¼ sec. 34, T. 8 S., R. 3 E. Used drilled irrigation well. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.70 feet. Land surface datum is 43.93 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1939-41, 1944

Apr. 3, 1939	39.20	Apr. 4, 1940	39.00	Apr. 12, 1944	37.44
Sept.16	42.39	Sept.23	40.49	Oct. 5	49.99
Dec. 18	40.38	Apr. 9, 1941	36.81		

Ac-139 (*886, p. 234). Emile Petit Jean. SE¼ sec. 13, T. 9 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.30 feet. Land-surface datum is 34.84 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 4, 1940, 31.78; Apr. 9, 1941, 29.40. No measurements made in 1942-44.

Ac-140. Albert Hains. NW¼ sec. 25, T. 9 S., R. 2 E. Drilled irrigation well, depth 322 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.70 feet. Land-surface datum is 32.12 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Apr. 3, 1939	30.38	Apr. 4, 1940	29.02	Apr. 9, 1941	26.76
Dec. 18	31.46	Sept.23	33.47		

Ac-142. John Hoffpauir. NW¼ sec. 8, T. 10 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.20 feet. Land-surface datum is 26.99 feet above mean Gulf level. No measurements made in 1942-44.

Ac-142. John Hoffpauir--Continued.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Apr. 4, 1939	27.92	Dec. 18, 1939	25.82	Sept.23, 1940	30.45
20	29.00	Feb. 15, 1940	20.50	Apr. 9, 1941	19.95
Sept.15	34.59				

Ac-143. Earl Jeffers. NW¼ sec. 19, T. 10 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.00 feet. Land-surface datum is 23.21 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Apr. 4, 1939	22.86	Apr. 3, 1940	20.85	Apr. 9, 1941	18.78
Dec. 18	25.09	Sept.21	25.64		

Ac-144. J. W. Adcock. SE¼ sec. 39, T. 10 S., R. 2 E. Used drilled irrigation well, diameter 9-5/8 inches, depth 326 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.20 feet. Land-surface datum is 21.65 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Apr. 4, 1939	21.11	Apr. 3, 1940	19.42	Apr. 9, 1941	17.23
Dec. 18	22.06	Sept.23	23.21		

Ac-145 (*886, p. 234). A. F. Horn. NW¼ sec. 11, T. 10 S., R. 1 E. Measuring point, bottom edge of inclined discharge pipe, the distance from the measuring point to land-surface datum along pipe being 2.90 feet. Land-surface datum is 23.55 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 3, 1940, 21.44; Sept. 23, 1940, 27.36; Apr. 9, 1941, 19.28. No measurements made in 1942-44.

Ac-147 (*886, p. 235). Ed Faulk. SW¼ sec. 34, T. 10 S., R. 1 E. Measuring point, bottom edge of inclined discharge pipe, the distance from the measuring point to land-surface datum along pipe being 3.00 feet. Land-surface datum is 17.78 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 3, 1940, 15.81; Sept. 23, 1940, 19.90; Apr. 9, 1941, 13.45. No measurements made in 1942-44.

Ac-148. L. A. Habetz. NE¼ sec. 4, T. 10 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.40 feet. Land-surface datum is 30.50 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

May 2, 1939	33.76	Apr. 3, 1940	27.94	Apr. 9, 1941	25.09
Dec. 18	30.66	Sept.23	32.80		

Ac-149. Z. N. Dupont. SE¼ sec. 8, T. 10 S., R. 2 E. Used drilled irrigation well, diameter 12 inches, depth 264 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.00 feet. Land-surface datum is 26.44 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

May 2, 1939	30.97	Apr. 3, 1940	24.11	Apr. 9, 1941	22.64
Dec. 18	26.80	Sept.23	28.81		

Ac-152 (*886, p. 235). L. W. Hoyt. NW¼ sec. 4, T. 11 S., R. 1 W. Measuring point, bottom edge of inclined discharge pipe, the distance from the measuring point to the land-surface datum along pipe being 3.70 feet. Land-surface datum is 15.50 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 3, 1940, 14.31; Apr. 9, 1941, 11.97; Apr. 13, 1944, 13.21; Sept. 27, 1944, 24.94.

Ac-156. Louisiana Irrigation Co. NW¼ sec. 10, T. 10 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 1.50 feet. Land-surface datum is 29.08 feet above mean Gulf level. Water levels, in feet below land-surface datum: Dec. 18, 1939, 29.23; Apr. 3, 1940, 26.60; Sept. 23, 1940, 31.24; Apr. 9, 1941, 25.52. No measurements made in 1942-44.

Ac-157. Henry Habet . SE¼ sec. 4, T. 10 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.80 feet. Land-surface datum is 29.10 feet above mean Gulf level. Water levels, in feet below land-surface datum: Dec. 18, 1939, 29.24; Apr. 3, 1940, 26.56; Apr. 9, 1941, 25.71. No measurements made in 1942-44.

Ac-158. Plattsmier-Hulin, Inc. SW¼ sec. 4, T. 10 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.40 feet. Land-surface datum is 30.12 feet above mean Gulf level. Water levels, in feet below land-surface datum: Dec. 18, 1939, 30.59; Apr. 3, 1940, 27.90; Sept. 23, 1940, 32.87; Apr. 9, 1941, 26.85. No measurements made in 1942-44.

Ac-159. Lenet. SW¼ sec. 4, T. 10 S., R. 2 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.80 feet. Land-surface datum is 29.96 feet above mean Gulf level. Water levels, in feet below land-surface datum: Dec. 26, 1939, 29.59; Apr. 3, 1940, 27.25. No measurements made in 1941-44.

Ac-163. Girard Hoffpau. SW¼ sec. 54, T. 10 S., R. 1 W. Used drilled irrigation well, depth 294 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to the land-surface datum along pipe being 5.90 feet. Land-surface datum is 16.09 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 9, 1940, 17.27; Apr. 3, 1940, 14.83; Apr. 9, 1941, 10.30. No measurements made in 1942-44.

Ac-174. S. L. Wright. NW¼ sec. 19, T. 10 S., R. 1 E. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 1.90 feet. Land-surface datum is 21.17 feet above mean Gulf level. Water levels, in feet below land-surface datum, Aug. 24, 1939, 30.43; Dec. 18, 1939, 22.66; Apr. 3, 1940, 19.58; Apr. 9, 1941, 17.16. No measurements made in 1942-44.

Ac-175 (*886, p. 236; 909, p. 30; 947, p. 21; *989, p. 23). Leon P. Lapleau. North line sec. 46, T. 10 S., R. 2 W. Water levels, in feet below land-surface datum, 1944: Jan. 17, 9.99; Sept. 27, 21.13.

Ac-176. W. E. Lawson Estate. NE¼NE¼ sec. 25, T. 10 S., R. 1 E. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 1.80 feet. Land-surface datum is 23.47 feet above mean Gulf level. Water levels, in feet below land-surface datum: Dec. 28, 1939, 23.70; Apr. 3, 1940, 21.31; Sept. 21, 1940, 25.75. No measurements made in 1941-44.

Ac-177. Davis Boudreaus. Sec. 30, T. 10 S., R. 2 E. Used drilled irrigation well, diameter 10 inches, depth 301 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.20 feet. Land-surface datum is 22.91 feet above mean Gulf level. Water levels, in feet below land-surface datum: Dec. 28, 1939, 22.96; Apr. 3, 1940, 20.66; Sept. 21, 1940, 24.75; Apr. 9, 1941, 15.97. No measurements made in 1942-44.

Ac-179 (*886, p. 235; 909, p. 30; 939, p. 17; 947, p. 21; *989, p. 23). Dr. F. N. Hayes. NW¼ sec. 54, T. 8 S., R. 1 W. Measuring point, bottom edge of inclined discharge pipe, the distance from the measuring point to land-surface datum being 6.5 feet. Land-surface datum is 34.41 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Jan. 17, 33.66; Apr. 12, 30.85; Sept. 27, 47.30.

Ac-180. Chas. Houssiere. SW¼SW¼ sec. 2, T. 8 S., R. 1 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.50 feet. Land-surface datum is 44.06 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-44

Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1939	43.22	Dec. 20, 1939	44.10	Sept.24, 1940	49.06
Apr. 17	41.45	Apr. 8, 1940	40.37	Apr. 10, 1941	37.86

Ac-181. Lozen Leger. SE¼ sec. 9, T. 10 S., R. 2 E. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.90 feet. Land-surface datum is 28.53 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 9, 1940, 27.53; Apr. 3, 1940, 25.57; Sept. 23, 1940, 30.18; Apr. 9, 1941, 24.60. No measurements made in 1942-44.

Ac-184. Glassell & Glassell. NE¼NE¼ sec. 42, T. 9 S., R. 2 W. Observation well, diameter 4 inches, depth 150 feet. Equipped with air-lift pump. Measuring point, inside edge of elbow, the distance from the measuring point to land-surface datum being 2.00 feet. Land-surface datum is 16.13 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 20, 1940, 14.32; Apr. 8, 1940, 13.46; Sept. 24, 1940, 19.58; Apr. 10, 1941, 10.61. No measurements made in 1942-44.

Ac-185. Walter Larcade. SW¼ sec. 23, T. 9 S., R. 2 E. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from the measuring point to land-surface datum along pipe being 5.70 feet. Land-surface datum is 33.56 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 10, 1940, 32.96; Apr. 4, 1940, 31.14; Sept. 23, 1940, 36.08; Apr. 9, 1941, 29.50. No measurements made in 1942-44.

Ac-188. Jules Baronet. SE¼ sec. 9, T. 10 S., R. 1 E. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.50 feet. Land-surface datum is 22.97 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1940-44

Mar. 16, 1940	21.63	Apr. 9, 1941	18.85	May 10, 1944	24.00
Apr. 4	21.16	12, 1944	19.91	Sept.29	33.15
Sept.23	27.06				

Ac-189. Onezie Vincent. NW¼ sec. 15, T. 10 S., R. 1 E. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 8.70 feet. Land-surface datum is 24.56 feet above mean Gulf level. Water levels, in feet below land-surface datum, Mar. 14, 1940, 23.13; Apr. 4, 1940, 22.67; Sept. 23, 1940, 28.96; Apr. 9, 1941, 20.38. No measurements made in 1942-44.

Ac-196. W. P. Gray. SW¼ sec. 15, T. 9 S., R. 1 W. Used drilled irrigation well, diameter 11-5/8 inches, depth 296 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 28.71 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 20, 1940, 20.67; Apr. 8, 1940, 20.20; Sept. 24, 1940, 27.38; Apr. 10, 1941, 17.57. No measurements made in 1942-44.

Ac-197. Albert Thibodeau. NE¼ sec. 29, T. 9 S., R. 2 W. Measuring point, top of 4-inch casing, the distance from the measuring point to land-surface datum being 3.90 feet. Land-surface datum is 17.41 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 19, 1940, 11.19; Apr. 9, 1940, 10.78; Sept. 24, 1940, 15.08. No measurements made in 1941-44.

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Al-1 (*886, p. 235; 909, p. 30). R. R. McClelland. SE¼ sec. 35, T. 6 S., R. 3 W. Measuring points: (1) Floor of recorder shelter at land-surface datum; and (2) top of 24-inch pit casing, 1.00 foot below land-surface datum which is 54.53 feet above mean Gulf level. Recorder removed July 18, 1941. No measurements made in 1942-43.

Water level, in feet below land-surface datum, 1941, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1941	44.55	Mar. 6, 1941	45.65	May 9, 1941	43.97
9	45.95	13	45.63	16	45.34
16	37.49	27	43.66	23	46.84
23	45.11	Apr. 5	44.84	June 6	46.32
30	44.99	13	45.15	13	45.82
Feb. 6	44.50	19	44.94	July 11	46.53
13	45.25	25	44.70	Apr. 12, 1944	45.58
20	45.55	May 2	44.77	Sept. 22	44.19
27	44.91				

Al-2. Town of Oakdale. NW¼ sec. 10, T. 3 S., R. 3 W., in Oakdale, at watsr tower. Used drilled public-supply well, diameter 6 inches, depth 365 feet. Equipped with air-lift pump. Measuring point, lower outside edge of 2-inch gravel-induction pipe, 0.35 foot above top of concrete base and 1.70 feet above land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 12, 63.25; Sept. 22, 73.13.

Al-7 (*909, p. 30; 939, p. 17; 947, p. 21; *989, p. 23). M. Carroll. NW¼ sec. 36, T. 4 S., R. 4 W. Water level, in feet below land-surface datum, 1944: Sept. 22, 48.29.

Al-11. Onezie Vincent. SE¼ sec. 8, T. 5 S., R. 3 W. Used drilled irrigation well, diameter 12 inches, depth 160 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.60 feet Water levels, in feet below land-surface datum: Jan. 15, 1940, 49.56; Apr. 12, 1944, 48.69; Sept. 22, 1944, 50.80.

Al-15. Ben Daigle. SW¼ sec. 27, T. 5 S., R. 3 W. Used drilled irrigation well, diameter 12 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.10 feet. Water levels, in feet below land-surface datum: Jan. 15, 1940, 50.49; Apr. 12, 1944, 50.20; Sept. 22, 1944, 54.70.

Al-16 (*909, p. 31; 939, p. 17; 947, p. 21; *989, p. 23). Mr. , Lausanne. Formerly owned by Sam Fisher. SE¼ sec. 22, T. 5 S., R. 4 W. Water levels, in feet below land-surface datum, 1944: Apr. 12, 37.69; Sept. 22, 39.25.

Al-17 (*909, p. 31; 939, p. 17; 947, p. 21; *989, p. 23). Town of Kinder. Near south wall of waterworks building, in Kinder.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	31.96	Apr. 28	31.20	Aug. 25	34.22	Oct. 28	35.38
Feb. 25	31.47	June 23	32.28	Sept. 21	34.98	Nov. 30	35.19
Mar. 31	31.10	July 27	34.16	29	35.17	Dec. 29	34.78
Apr. 12	31.06						

Al-18. Fred Rostom. NE¼ sec. 6, T. 6 S., R. 4 W. Used drilled irrigation well, diameter 12 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Water levels, in feet below land-surface datum: Jan. 16, 1940, 30.74; Apr. 12, 1944, 27.91; Sept. 21, 1944, 30.09.

Al-20. C. I. Kuntz. SW¼ sec. 14, T. 7 S., R. 5 W. Used drilled irrigation well, diameter 12 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.20 feet. Water levels, in feet below land-surface datum: Jan. 16, 1940, 36.81; Apr. 12, 1944, 32.58; Sept. 21, 1944, 39.30.

Al-21. Frank Odom. NE¼ sec. 28, T. 6 S., R. 4 W. Used drilled irrigation well, diameter 12 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.70 feet. Water levels, in feet below land-surface datum: Jan. 16, 1940, 36.81; Apr. 12, 1944, 34.04; Sept. 21, 1944, 39.40.

Al-22. Frank Odom. SW¼ sec. 20, T. 6 S., R. 4 W. Used drilled irrigation well, diameter 12 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.00 feet. Water levels, in feet below land-surface datum: Jan. 16, 1940, 33.03; Sept. 21, 1944, 32.89.

Al-29 (*909, p. 31; 939, pp. 17, 18; 947, p. 21; *989, p. 24). Calcasieu Sulphate Paper Co. In Elizabeth, east of paper mill. Recorder removed June 15, 1944.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	45.45	Feb. 17	51.63	Mar. 30	44.46	May 11	45.05
10	47.99	24	51.90	Apr. 6	42.45	18	50.25
19	43.47	Mar. 2	51.45	13	46.20	25	41.15
27	46.62	9	53.85	20	42.46	June 1	45.05
Feb. 3	44.25	16	53.62	27	42.46	8	50.65
10	52.35	23	47.60	May 4	42.46	15	52.75

Avoyelles Parish

Av-18. (*845, p. 146; 886, p. 236; 909, p. 31; 939, p. 18; 947, p. 22; *989, p. 24). Haas Investment Co. On Shirley Plantation, on parish line, in sec. 28, T. 1 S., R. 2 E. No measurements made in 1944.

Beauregard Parish

Be-2 (*989, p. 24). Southern Pacific Railway. NE¼SE¼ sec. 29, T. 6 S., R. 8 W. Water level, in feet below land-surface datum, 1944: Apr. 27, 41.54.

Be-17. N. Knight, NE¼NW¼ sec. 5, T. 7 S., R. 9 W. Unused drilled stock well, diameter 4 inches, depth 300 feet. No pump. Measuring point, top of casing, at land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 26, 40.74; Sept. 19, 42.26.

Calcasieu Parish

Cu-2 (*909, p. 32; 939, p. 18; 947, p. 22; *989, p. 24). Town of Vinton. Westernmost of three air-lift wells at ice plant, in Vinton. Land-surface datum is 14.89 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Jan. 28	4.23	Apr. 28	3.98	July 27	6.65	Oct. 28	7.37
Mar. 28	5.79	May 30	2.60	Sept. 18	7.51	Nov. 30	7.01
Apr. 11	3.79	June 21	3.95				

Cu-5 (*909, p. 32; 939, p. 18; 947, p. 22; *989, p. 24). Jim Turner. SE¼ sec. 8, T. 8 S., R. 8 W. Land-surface datum is 26.26 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Apr. 12	10.25	May 29	9.29	Oct. 24	12.61	Dec. 22	9.17
25	9.89	Sept. 19	9.05	Nov. 22	9.45		

Cu-13 (*989, p. 24). Magnolia Petroleum Co. SW¼SE¼ sec. 4, T. 10 S., R. 9 W.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14.23	.....	12.68	.....	12.12	12.11	13.67	16.16	13.98	13.73	13.08	.....
2	14.27	.....	12.64	.....	12.02	12.11	13.60	16.17	13.91	13.76	13.01	.....
3	14.28	13.01	12.57	.....	11.97	12.24	13.67	16.15	13.90	13.77	12.96	.....
4	13.97	13.20	12.46	.....	11.94	12.42	13.73	16.16	13.92	13.77	12.92	.....
5	13.83	13.13	12.44	.....	12.01	12.57	13.68	16.17	13.88	13.72	12.90	.....
6	14.00	13.24	12.19	.....	11.96	12.30	13.55	16.28	13.83	13.66	12.88	.....
7	13.95	13.09	12.63	.....	11.95	12.16	13.15	16.42	13.80	13.65	12.86	.....
8	13.98	12.79	12.86	.....	11.89	12.13	12.99	16.63	13.78	13.63	12.81	.....
9	14.26	12.93	12.75	.....	11.86	12.19	12.94	16.91	13.74	13.62	12.74	.....
10	13.98	12.64	12.60	.....	11.89	12.23	12.93	16.67	13.67	13.63	12.73	.....
11	14.00	13.19	12.43	.....	11.92	12.22	12.94	16.68	13.64	13.61	12.72	.....
12	14.08	13.33	12.51	.....	11.94	12.17	13.03	16.08	13.69	13.57	12.72	.....
13	14.15	13.06	12.60	.....	11.94	12.19	13.09	15.06	13.71	13.55	12.72	.....
14	14.18	12.54	12.56	.....	12.06	12.28	13.11	14.41	13.72	13.58	12.67	.....
15	13.75	12.97	12.50	.....	11.92	12.34	13.14	13.82	13.75	13.64	12.64	.....
16	13.71	12.77	12.30	.....	11.88	12.64	13.18	13.86	13.79	13.76	12.63	.....
17	13.67	12.63	12.27	.....	11.85	12.58	13.19	13.94	13.80	13.78	12.63	.....
18	13.70	12.88	12.16	.....	11.85	12.65	13.17	14.02	13.81	13.43	12.63	.....
19	13.60	12.88	11.98	.....	11.85	12.69	13.16	14.10	13.83	13.19	12.61	.....
20	13.57	12.73	12.18	.....	11.83	12.70	13.18	14.17	13.82	13.05	12.59	.....
21	13.56	12.71	12.23	.....	11.85	12.75	13.24	14.20	13.85	13.00	12.59	.....
22	13.52	12.60	12.12	.....	11.81	12.76	13.47	14.14	13.86	13.05	12.64	.....
23	13.47	12.49	12.16	.....	11.84	12.81	14.05	14.11	13.85	13.25	12.64	12.46
24	13.38	12.59	12.07	.....	11.93	12.84	14.41	14.11	13.87	13.36	12.64	12.48
25	13.27	12.60	11.98	.....	11.95	12.91	14.61	14.10	13.91	13.39	12.63	12.63
26	13.12	12.49	11.97	.....	12.08	12.87	14.70	14.06	13.92	13.39	12.57	12.55
27	13.44	12.55	12.01	.....	12.09	12.77	14.80	14.04	13.93	13.43	12.56	12.58
28	13.45	12.44	.....	12.23	12.11	12.95	14.89	14.08	13.90	13.47	.....	12.59
29	13.42	12.62	.....	12.18	12.10	13.27	15.24	14.09	13.74	13.44	.....	12.60
30	13.41	.....	.....	12.15	12.08	13.53	15.73	14.08	13.69	13.27	.....	12.64
31	13.42	.....	.....	.....	12.08	.....	16.03	14.01	.....	13.16	.....	12.74

Cu-18 (*989, p. 24). W. T. Burton. NE¼NW¼ sec. 20, T. 10 S., R. 9 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	31.70	Apr. 28	30.56	June 21	31.72	Sept.18	33.51
Mar. 28	30.99	May 29	31.08	July 28	32.78	Nov. 30	32.68

Cu-19 (*989, p. 25). Bell Estate. SW¼SE¼ sec. 10, T. 10 S., R. 10 W. Land-surface datum is 11.74 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Jan. 31	11.79	Apr. 28	11.22	June 21	13.72	Oct. 28	19.21
Mar. 28	10.90	May 29	12.02	July 28	17.27	Nov. 30	17.77
Apr. 11	11.18						

Cu-22 (*989, p. 25). Magnolia Petroleum Co. SE¼SE¼ sec. 8, T. 10 S., R. 9 W. Land-surface datum is 4.17 feet above mean Gulf level.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14.38	12.70	.....	11.00	13.18	14.52	18.30	21.10	.....	22.97	21.86	20.38
2	14.12	12.97	.....	10.92	13.15	14.65	18.33	21.08	.....	22.81	21.89	20.26
3	14.45	13.10	.....	11.27	13.03	14.71	18.38	21.00	.....	22.60	21.75	20.08
4	14.55	13.50	.....	11.38	12.93	14.84	18.60	21.07	.....	22.53	21.81	19.90
5	14.64	.....	.....	11.27	12.78	14.98	18.78	21.17	.....	22.55	21.83	19.67
6	14.58	.....	.....	11.36	12.77	15.19	18.89	21.32	.....	22.73	21.80	19.69
7	14.12	13.66	.....	11.30	12.73	15.38	18.97	21.57	.....	22.93	21.64	19.87
8	14.00	13.73	.....	11.30	12.67	15.38	19.10	.....	.....	23.08	21.42	19.91
9	13.81	13.90	.....	11.29	12.56	.....	19.28	.....	.....	23.00	21.31	19.75

Cu-22. Magnolia Petroleum Co.--Continued.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
10	13.37	13.91	.....	11.22	12.58	.....	19.27	.....	.....	22.97	21.57	19.63
11	13.27	13.70	.....	11.52	12.55	.....	19.47	.....	.....	22.74	21.53	19.79
12	13.14	.....	.....	.....	12.70	.....	.....	.....	.....	22.66	21.50	19.79
13	12.97	13.35	.....	.....	13.09	.....	.....	.....	.....	22.52	21.34	19.65
14	12.88	12.87	.....	.....	13.21	.....	19.45	.....	.....	22.37	21.42	19.68
15	12.63	13.04	.....	.....	13.18	.....	19.38	.....	.....	22.26	21.52	19.62
16	12.69	12.79	.....	10.85	13.30	.....	19.33	.....	.....	22.05	21.70	19.62
17	12.56	12.64	.....	11.07	13.32	.....	19.47	.....	.....	21.88	21.52	19.62
18	12.64	12.93	.....	11.22	13.45	.....	19.57	.....	.....	21.79	21.32	19.50
19	12.53	12.99	.....	11.23	.....	.....	19.68	.....	22.77	21.62	21.13	19.57
20	12.51	13.02	.....	11.50	.....	.....	19.72	.....	22.76	21.70	21.16	19.40
21	12.39	12.93	.....	11.69	12.99	16.30	19.83	.....	22.74	21.94	21.19	19.25
22	12.27	12.83	.....	11.81	12.92	16.54	19.93	.....	22.81	22.06	21.20	19.35
23	12.18	.....	.....	11.66	12.97	16.81	20.01	.....	22.90	22.04	21.18	19.29
24	12.08	.....	.....	12.00	12.88	17.08	20.07	.....	23.05	22.08	21.15	19.14
25	11.95	.....	.....	12.09	12.90	17.31	20.14	.....	22.99	22.24	20.68	19.03
26	11.77	.....	.....	12.43	.....	17.50	20.10	.....	22.85	22.33	20.54	18.99
27	11.69	.....	.....	12.74	.....	17.63	20.22	.....	22.72	22.47	20.53	19.02
28	12.37	.....	10.67	13.22	.....	17.76	20.45	.....	22.36	22.44	20.45	19.01
29	.....	.....	10.94	13.15	.....	18.00	20.75	.....	22.69	22.23	20.43	18.93
30	.....	.....	11.07	13.08	14.35	18.12	20.93	.....	22.97	22.03	20.46	18.76
31	13.01	.....	11.03	.....	14.42	.....	21.08	.....	.....	21.98	.....	18.41

Cu-25. Lake Charles Country Club. NW¼SW¼ sec. 22, T. 10 S., R. 9 W. Used drilled public-supply well, diameter 4 inches, depth 450 feet. Equipped with suction pump. Measuring point, top of 4-inch tee, at land-surface datum. Water levels, in feet below land-surface datum: Jan. 18, 1943, 9.60; Sept. 9, 1943, 22.15; Apr. 11, 1944, 16.23; Sept. 20, 1944, 27.70.

Cu-42. Long-Bell Lumber Co. NW¼NE¼ sec. 29, T. 9 S., R. 8 W. Used drilled domestic well, diameter 6 inches, depth 504 feet. Equipped with suction pump. Measuring point, top of 6-inch casing, 0.20 foot above land-surface datum. Water levels, in feet below land-surface datum: Jan. 19, 1943, 10.76; Sept. 9, 22.67; Apr. 12, 1944, 14.86; Sept. 19, 1944, 25.75.

Cu-56. Cable Lodges. SE¼NE¼ sec. 32, T. 9 S., R. 9 W. Used drilled domestic well, diameter 3 inches, depth 370 feet. Equipped with suction pump. Measuring point, top of 3-inch casing, 4.70 feet below land-surface datum: Jan. 20, 1943, 16.37; Sept. 10, 1943, 30.85; Apr. 11, 1944, 37.46.

Cu-59 (*989, p. 25). Thomas Simmons. NE¼NW¼ sec. 27, T. 9 S., R. 9 W. Land-surface datum is 18.84 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	70.07	May 29	67.92	Sept.18	69.64	Nov. 22	67.65
Mar. 28	67.18	June 21	69.52	Oct. 24	66.85	Dec. 22	69.95
Apr. 28	67.79	July 27	70.19				

Cu-115. Krause & Managan. SE¼SE¼ sec. 11, T. 9 S., R. 10 W., on south bank of Calcasieu River. Used drilled industrial well, diameter 4 inches, depth 348 feet. Equipped with suction pump. Measuring point, top of highest point on 4-inch casing, 0.20 foot above land-surface datum which is 9.10 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1943-44

Date	Water level	Date	Water level	Date	Water level
Aug. 13, 1943	8.88	Apr. 28, 1944	.90	Oct. 24, 1944	7.22
Sept. 8	5.90	May 30	1.63	Nov. 22	6.22
Jan. 28, 1944	3.54	June 21	4.35	Dec. 22	5.25
Mar. 28	2.34	July 27	6.59		

Cu-120 (*989, p. 75). Mathieson Alkali Co. SE¼NW¼ sec. 36, T. 11 S., R. 10 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	3.73	Apr. 28	3.29	July 28	7.80	Oct. 28	9.40
Mar. 28	3.25	May 29	3.67	Sept.19,	10.17	Nov. 30	9.02
Apr. 11	3.18						

Cu-125. Cooper Patterson. NE¼NW¼ sec. 34, T. 10 S., R. 10 W. Used drilled domestic well, diameter 24 inches, depth 700 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.45 feet. Water levels, in feet below land-surface datum: Sept. 8, 1943, 12.38; Apr. 11, 1944, 10.23; Sept. 19, 1944, 19.64.

Cu-128. W. D. Jones. NE¼SE¼ sec. 25, T. 9 S., R. 8 W. Unused drilled stock well, diameter 4 to 2⅛ inches, depth 418 feet. No pump. Measuring point, top of 4-inch casing, 0.50 foot above land-surface datum which is 10.00 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1943-44

Date	Water level	Date	Water level	Date	Water level
Sept. 7, 1943	17.38	May 29, 1944	11.21	Oct. 24, 1944	19.48
Jan. 28, 1944	11.75	June 21	13.90	Nov. 22	18.30
Mar. 28	10.23	July 27	20.00	Dec. 22	17.47
Apr. 28	9.87	Sept.18	21.56		

Cu-133. Shell Petroleum Co. NE¼NE¼ sec. 13, T. 9 S., R. 7 W. Used drilled industrial well, diameter 9 inches, depth 291 feet. Equipped with turbine pump. Measuring point, top of concrete pump base, 0.30 foot above land-surface datum. Water levels, in feet below land-surface datum: Sept. 15, 1943, 24.02; Sept. 20, 1944, 28.76.

Cu-147. J. S. Metzer. NE¼NW¼ sec. 18, T. 10 S., R. 6 W. Unused drilled irrigation well, diameter 24 to 10 inches, depth 359 feet. No pump. Measuring point, top of pit casing, 3.00 feet below land-surface datum. Water levels, in feet below land-surface datum: Sept. 23, 1943, 15.22; Apr. 13, 1944, 9.78; Sept. 20, 1944, 17.05.

Cu-152. Bell City School. NE¼SE¼ sec. 3, T. 11 S., R. 6 W. Used drilled public-supply well, diameter 4 inches. Equipped with suction pump. Measuring point, top of 4-inch casing, 0.50 foot above land-surface datum. Water level, in feet below land-surface datum, 1944: Apr. 13, 3.10.

Cu-161. Calcasieu-Marine National Bank. SE¼SE¼ sec. 26, T. 11 S., R. 7 W. Unused drilled irrigation well, diameter 24 to 12 inches. Equipped with dismantled turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 1.60 feet. Water levels, in feet below land-surface datum, 1944: Apr. 11, 10.11; Sept. 20, 26.40.

Cu-163. Stanolind Oil & Gas Co. NW¼SE¼ sec. 5, T. 11 S., R. 7 W. Used drilled irrigation well, diameter 24 to 10 inches, depth 700 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.50 feet. Water levels, in feet below land-surface datum: Sept. 29, 1943, 18.92; Apr. 11, 1944, 11.69; Sept. 20, 1944, 22.53.

Cu-170 (*989, p. 25). A. L. Gayle. NW¼NW¼ sec. 1, T. 11 S., R. 6 W. Water level, in feet below land-surface datum, 1944: Jan. 28, 11.12.

Cu-175. L. G. Wittler. SE¼NE¼ sec. 4, T. 11 S., R. 8 W. Used drilled domestic well, diameter 4 to 2½ inches, depth 240 feet. Equipped with suction pump. Measuring point, top of 4-inch casing, 0.60 foot above land-surface datum.

Water level, in feet below land-surface datum, 1943-44

Sept.30, 1943	25.87	Apr. 28, 1944	23.00	June 21, 1944	24.28
Mar. 28, 1944	23.94	May 29	22.66		

Cu-205. Frank Gibson. SE¼SE¼ sec. 22, T. 8 S., R. 8 W. Used drilled irrigation well, diameter 18 to 8 inches, depth 354 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.30 feet. Water levels, in feet below land-surface datum: Oct. 5, 1943, 21.94; Apr. 12, 1944, 11.07; Sept. 19, 1944, 22.37.

Cu-215. Newport Industries. SW¼SE¼ sec. 18, T. 7 S., R. 10 W. Used drilled industrial well, diameter 12 to 8 inches, depth 365 feet. Measuring point, upper edge of hole in pump base, 0.20 foot above top of concrete block and 0.65 foot above concrete floor, which is at land-surface datum. Water levels, in feet below land-surface datum: Oct. 7, 1943, 39.58; Apr. 11, 1944, 37.44; Sept. 19, 42.20.

Cu-222 (*989, p. 26). Hardy Johnson. NW¼SW¼ sec. 3, T. 9 S., R. 13 W. Land-surface datum is 26.11 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	3.02	Apr. 28	2.28	July 27	4.87	Oct. 28	5.41
Mar. 28	2.73	May 30	2.03	Sept.18	5.44	Nov. 30	4.96
Apr. 11	2.63	June 21	3.14				

Cu-228. R. Boyer. SW¼NW¼ sec. 14, T. 9 S., R. 12 W. Used drilled domestic well, diameter 4 inches, depth 425 feet. Equipped with jet pump. Measuring point, lower lip of horizontal discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.70 feet. Water-levels, in feet below land-surface datum: Oct. 8, 1943, 8.64; Apr. 11, 1944, 10.08; Sept. 18, 1944, 14.52.

Cu-240. Owner unknown. NW¼NW¼ sec. 28, T. 9 S., R. 11 W. Unused drilled industrial well, diameter 6 inches, depth 500 feet. No pump. Measuring point, top of 6-inch casing, 1.00 foot above land-surface datum. Water levels, in feet below land-surface datum: Nov. 4, 1943, 8.46; Apr. 11, 1944, 7.40; Sept. 19, 1944, 11.67.

Cu-262. School Board. NW¼NW¼ sec. 6, T. 11 S., R. 10 W. Unused drilled domestic well, diameter 2⅛ inches, depth 500 feet. Equipped with suction pump. Measuring point, top of 2⅛-inch casing, 0.70 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 11, 4.37; Sept. 19, 9.61.

Cu-267. Owner unknown. SE¼SW¼ sec. 8, T. 11 S., R. 8 W. Unused drilled industrial well, diameter 6 inches, depth 500 feet. No pump. Measuring point, top of reducer, 1.70 feet above land-surface datum.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Apr. 11	12.04	Oct. 24	17.47	Dec. 22	15.95
Sept.18	16.94	Nov. 22	16.42		

Cu-440. Owner unknown. NE¼NW¼ sec. 2, T. 10 S., R. 8 W. Unused drilled domestic well, diameter 4 inches, depth 500 feet. No pump. Measuring point, top of reducer, 4.00 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Feb. 15, 14.92; Apr. 11, 13.62.

Cameron Parish

Cn-8 (*989, p. 26). Broussard Estate. SW¼SE¼ sec. 13, T. 12 S., R. 9 W. Water levels, in feet with reference to land-surface datum, 1944: Apr. 11, +9.41; Sept. 20, -6.52.

East Baton Rouge Parish

Eb-4. Standard Oil Co. of New Jersey. N½ irregular ses. 44, T. 7 S., R. 1 W., Baton Rouge refinery, cold settling plant. Unused drilled industrial well, diameter 12 inches, depth 698 feet, screens at 337 to 438 and 532 to 692 feet. Measuring point, top of floor of recorder shelter, 0.40 feet above land-surface datum. Land-surface datum is 67.88 feet above mean Gulf level.

EB-4. Standard Oil Co. of New Jersey--Continued.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	230.8	.....	.....	185.4	171.0
2	.....	231.3	.....	.....	183.2	171.1
3	.....	232.2	.....	.....	182.4	172.7
4	.....	232.5	.....	.....	182.1	174.0
5	.....	232.3	.....	.....	183.8	176.5
6	.....	233.0	.....	.....	183.2	177.5
7	.....	232.7	.....	233.0	182.8	177.4
8	.....	229.8	.....	233.1	182.6	178.6
9	.....	230.6	.....	221.7	180.0	178.6
10	a 222.8	231.8	.....	221.1	177.6	175.9
11	a 222.9	232.7	a 232.3	221.1	178.1	175.8
12	.....	232.5	230.4	218.9	176.9	177.0
13	225.6	232.1	231.7	217.3	176.4	177.1
14	226.0	231.9	231.5	210.5	175.7	176.9
15	225.8	232.7	234.1	211.0	175.6	175.5
16	227.6	232.7	233.2	211.1	175.6	175.2
17	228.1	232.6	233.5	205.7	173.1	173.0
18	228.6	231.7	234.1	203.5	173.1	170.4
19	225.6	232.0	232.7	201.8	173.0	172.2
20	226.6	231.9	230.3	200.3	173.2	173.7
21	228.5	230.4	228.5	196.1	173.5	178.3
22	228.7	231.7	229.9	195.5	174.2	177.8
23	229.0	231.4	.....	195.7	172.0	178.1
24	229.6	232.0	.....	194.9	171.7	177.7
25	229.3	231.1	.....	192.3	171.8	179.0
26	230.6	.....	.....	189.4	170.3	180.0
27	230.5	.....	.....	191.3	169.5	179.0
28	232.5	.....	.....	189.8	172.0	178.9
29	230.8	.....	a 227.2	192.3	171.3	180.7
30	231.4	.....	.....	190.9	173.0	176.9
31	231.4	.....	.....	187.3	.....	176.3

a Tape measurement.

EB-9. Standard Oil Co. of New Jersey. N½ irregular sec. 44, T. 7 S., R. 1 W., Baton Rouge refinery, paraffine plant. Unused drilled industrial well, diameter 12 inches, depth 701 feet, screens at 350 to 440 and 530 to 690 feet. Measuring point, top of valve, 2.00 feet above land-surface datum.

Water levels, in feet below land-surface datum, 1940, 1944

Date	Water level	Date	Water level	Date	Water level
July 22, 1940	180.53	Aug. 25, 1944	238.10	Nov. 23, 1944	201.40
Aug. 30	192.87	Sept. 21	239.66	30	193.71
July 10, 1944	233.66	Oct. 13	233.70	Dec. 7	198.74
13	235.65	23	217.20	14	185.60
17	238.00	Nov. 10	195.71	21	188.33
Aug. 19	241.54	16	193.30	28	191.16

EB-10. Standard Oil Co. of New Jersey. N½ irregular sec. 44, T. 7 S., R. 1 W. Baton Rouge refinery, paraffine plant. Unused drilled industrial well, diameter 12 inches, depth 710 feet, screens 340 to 440 and 543 to 705 feet. Measuring point, top inside edge of flange, 0.85 foot above land-surface datum.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 16	224.67	June 13	242.19	Oct. 13	240.75	Nov. 30	201.53
21	226.73	15	225.61	23	225.51	Dec. 7	207.25
July 7	230.94	Aug. 19	246.86	Nov. 10	196.52	14	186.14
10	231.02	25	244.02	16	193.00	21	188.30
12	241.81	Sept. 21	246.49	23	209.27	28	192.47

Eb-15 (*909, p. 32; 939, p. 19; 947, p. 23; *989, p. 26). Standard Oil Co. of Louisiana. At Baton Rouge refinery, southeast of tank 67.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	189.0	192.4	192.1	183.7	183.6	183.4	207.7	214.2	214.2	210.5	178.6	171.6
2	188.8	192.7	191.8	183.4	183.2	185.6	208.3	214.7	213.6	210.1	177.7	171.8
3	188.9	192.5	192.8	181.9	181.9	187.5	208.3	215.5	212.0	210.8	176.8	172.9
4	189.0	192.8	193.5	181.7	181.6	188.9	208.9	215.4	212.1	209.9	174.9	172.5
5	189.1	192.1	192.9	181.6	181.6	189.8	209.0	215.0	212.0	218.2	175.2	172.6
6	189.7	193.2	190.5	181.4	181.0	190.7	209.2	216.1	211.7	218.6	174.8	172.7
7	189.8	193.1	191.6	182.1	180.8	193.1	208.1	215.1	211.6	208.4	175.1	173.0
8	187.9	.....	191.7	184.9	182.0	194.6	208.0	215.6	212.1	207.5	174.6	173.0
9	190.6	.....	189.9	185.6	181.6	194.3	208.2	215.8	211.2	206.8	175.1	171.4
10	191.0	.....	190.8	185.9	183.6	198.7	208.3	216.0	211.1	207.4	174.4	171.1
11	191.8	a191.5	192.1	187.6	181.9	200.9	208.3	215.8	211.4	207.4	172.9	170.2
12	192.2	.....	190.2	186.8	182.4	201.2	208.6	214.8	210.1	206.4	172.3	169.5
13	192.2	.....	189.8	186.9	181.0	200.2	208.6	214.5	211.4	205.4	171.4	169.2
14	192.2	.....	190.2	186.7	181.0	201.8	208.5	214.4	210.9	202.0	172.1	169.1
15	192.3	.....	191.5	187.9	182.2	202.2	208.6	215.1	211.8	201.9	172.6	168.2
16	192.7	.....	190.7	187.6	181.3	203.3	208.3	214.9	211.6	200.6	173.7	167.6
17	192.5	.....	190.0	187.9	183.5	204.1	210.6	214.7	211.6	197.4	172.7	166.6
18	192.4	191.4	190.0	185.3	183.9	205.2	212.2	215.3	212.2	195.2	173.7	164.2
19	192.4	191.0	190.8	186.2	182.9	205.6	211.3	215.7	211.3	195.2	173.6	165.7
20	192.0	190.3	190.8	186.8	183.0	205.4	210.3	215.1	210.7	194.0	173.9	165.5
21	191.0	191.1	190.7	186.3	181.6	.....	211.5	215.2	209.6	193.2	174.3	167.8
22	191.1	192.4	190.7	186.7	179.9	.....	211.1	215.3	209.7	192.4	174.7	168.6
23	189.5	192.5	190.9	184.9	178.2	.....	211.2	215.2	209.7	190.4	173.1	169.1
24	190.1	192.9	190.4	186.0	176.5	205.0	212.0	214.0	214.4	189.4	172.8	168.8
25	191.0	191.9	190.2	185.8	176.4	205.6	213.4	214.1	212.3	187.7	171.2	170.6
26	192.3	192.6	189.7	184.5	176.1	206.3	213.1	214.0	213.7	185.1	171.4	172.0
27	192.3	192.6	189.5	185.8	176.7	206.5	213.1	214.1	211.7	185.4	170.9	172.0
28	192.0	192.5	189.9	185.2	176.1	206.5	215.5	214.1	211.6	184.3	171.9	170.8
29	192.3	192.2	188.4	187.0	177.6	207.1	214.7	213.9	211.5	184.0	172.4	170.2
30	192.8	.....	186.7	185.1	179.1	207.4	214.4	214.0	210.8	182.7	171.1	170.0
31	192.9	.....	184.4	.....	180.2	.....	214.0	213.9	.....	180.8	.....	169.9

a Tape measurement.

EB-17. Standard Oil Co. of New Jersey. Irregular sec. 44, T. 7 S., R. 1 W., Baton Rouge refinery, west of no. 1 boilerhouse. Unused drilled industrial well, diameter 8 inches, depth 1,567 feet, screens at 1,191 to 1,270 and 1,492 to 1,554 feet. Measuring point, top of 12-inch plate capping well, 0.10 foot above land-surface datum.

Water level, in feet with reference to land-surface datum, 1940, 1944

Date	Water level	Date	Water level	Date	Water level
Aug. 30, 1940	+13.9	June 16, 1944	+0.17	Sept. 23, 1944	-1.16
Oct. 4	+13.5	July 31	-1.13	Oct. 23	-1.22
Apr. 28, 1944	+.66	Aug. 19	-1.00	Dec. 16	+.54
May 13	+1.50				

EB-20. Standard Oil Co. of New Jersey well 20. Irregular sec. 43, T. 7 S., R. 1 W., Baton Rouge refinery, southwest of tank 735, north tank field. Drilled industrial well, diameter 12 inches, depth 665 feet, screens at 334 to 434 and 503 to 665 feet. Measuring point, top of wood platform, south side, 1.30 feet above land-surface datum.

Daily noon water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 25	a 195.96	Nov. 6	183.2	Nov. 14	177.5	Nov. 22	174.7
27	a 191.40	7	182.4	15	178.7	23	174.0
31	a 187.93	8	182.3	16	178.3	24	173.2
Nov. 1	186.1	9	183.0	17	176.9	25	171.6
2	185.6	10	181.8	18	176.8	26	171.8
3	184.3	11	179.8	19	176.8	27	171.1
4	183.1	12	178.6	20	176.6	28	173.1
5	183.4	13	177.2	21	177.0	29	172.9

a Tape measurement.

EB-20. Standard Oil Co. of New Jersey well 20--Continued.

Daily noon water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 30	174.9	Dec. 8	179.2	Dec. 16	175.3	Dec. 24	179.4
Dec. 1	173.8	9	178.7	17	173.2	25	181.7
2	174.3	10	176.6	18	171.8	26	183.2
3	173.8	11	176.0	19	173.1	27	181.4
4	175.8	12	175.8	20	174.4	28	181.1
5	176.9	13	176.8	21	179.3	29	180.3
6	178.2	14	176.4	22	179.3	30	178.2
7	177.9	15	175.4	23	180.0	31	177.5

EB-22 (*909, p. 33; 939, p. 19; 147, p. 23; *989, p. 26). Standard Oil Co. of Louisiana. At Baton Rouge refinery, southeast of tank 67.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	188.9	193.6	193.6	191.8	192.2	195.7	214.4	219.6	219.2	.....	176.7	164.7
2	188.5	193.9	193.6	191.9	191.6	196.6	214.7	219.7	219.3	.....	176.5	165.0
3	188.4	193.6	193.7	191.3	190.7	198.1	215.4	219.7	219.0	.....	175.9	165.5
4	188.4	194.3	196.2	191.3	189.0	.....	215.8	219.6	219.2	.....	174.4	166.1
5	188.7	194.0	196.4	190.5	188.6	.....	215.2	219.9	218.9	.....	175.5	166.3
6	189.4	193.7	196.0	190.2	189.7	.....	215.0	219.9	218.7	a210.4	173.8	167.0
7	188.8	194.5	195.8	189.3	189.8	.....	213.3	219.8	218.4	.....	172.9	167.6
8	189.7	194.8	195.6	189.1	190.0	.....	213.2	217.5	218.3	.....	173.6	168.1
9	191.0	193.9	195.1	188.6	190.5	203.2	213.4	218.1	219.4	208.6	174.2	168.7
10	191.9	193.9	194.3	187.0	190.3	203.6	213.7	219.9	218.4	208.4	173.3	166.7
11	192.1	193.9	195.1	188.5	190.4	204.4	213.9	220.0	219.0	209.3	172.8	165.9
12	192.5	194.1	195.2	189.5	189.8	204.8	214.4	219.4	217.3	209.6	171.3	166.9
13	192.9	194.0	195.3	190.1	189.3	204.8	216.4	219.5	219.1	207.8	170.1	167.3
14	192.2	193.8	195.8	190.5	189.4	205.1	215.1	219.3	219.8	206.9	170.3	167.2
15	192.4	194.0	195.9	190.7	190.3	207.4	213.8	220.2	221.5	206.4	170.0	165.2
16	191.6	194.8	196.0	191.4	192.9	208.3	215.3	220.4	220.8	205.2	168.7	165.1
17	192.8	194.5	195.5	188.8	192.9	211.8	215.8	220.3	220.9	200.4	168.5	163.6
18	192.3	195.0	195.2	189.8	193.1	212.5	217.0	220.3	221.8	198.2	169.1	162.9
19	192.4	195.2	194.2	189.7	194.4	212.9	216.2	220.4	220.3	199.7	169.5	164.2
20	192.4	194.9	194.1	190.0	194.9	211.2	217.0	220.7	219.3	198.3	169.6	165.6
21	192.5	194.8	193.6	190.1	193.8	212.8	217.5	220.7	215.6	195.4	171.0	167.6
22	192.2	195.1	193.8	190.6	192.5	212.4	218.1	22.05	218.1	191.7	167.2	168.9
23	192.2	195.1	193.7	192.0	191.8	212.0	218.4	219.7	218.8	190.7	165.9	169.2
24	192.3	195.4	193.4	191.0	191.3	212.8	218.9	219.3	220.6	188.7	165.6	168.8
25	192.4	195.0	192.7	192.1	191.7	214.0	219.2	218.7	217.4	186.8	164.6	171.9
26	193.1	195.1	193.1	191.0	192.0	214.4	219.6	219.1	214.4	185.4	164.5	173.5
27	193.3	194.9	192.5	192.5	192.7	214.3	219.0	219.1	213.4	182.7	163.9	170.8
28	192.2	195.0	192.6	194.1	192.9	214.3	219.6	218.3	213.1	179.6	164.9	171.0
29	193.7	194.2	193.1	192.5	193.2	215.0	219.2	218.3	213.1	180.2	165.1	168.7
30	194.6	.....	192.6	191.6	193.0	214.1	219.0	219.4	.....	179.4	164.2	166.3
31	194.8	.....	191.7	.....	193.6	.....	219.2	218.5	.....	177.5	.....	167.1

a Tape measurement.

EB-28. Standard Oil Co. of Louisiana well 28. Irregular sec. 44, sec. 44, T. 7 S., R. 1 W., Baton Rouge refinery, southwest of tank 177, southeast tank field. Unused drilled industrial well, diameter 8 inches, depth 1,608 feet, screens at 1,201 to 1,280 and 1,500 to 1,600 feet. Measuring point, top of shelter floor, 1.20 feet above land-surface datum.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Date	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.13	5.44	5.47	5.52	4.63
2	5.11	5.48	5.45	5.50	4.68
3	4.99	5.54	5.34	5.50	4.63
4	5.02	5.48	5.27	5.53	4.55
5	4.99	5.43	5.32	5.29	4.44
6	5.03	5.41	5.32	5.19	4.30
7	5.05	5.42	5.34	5.25	4.28
8	5.12	5.36	5.31	5.21	4.38

EB-28. Standard Oil Co. of Louisiana well 28--Continued.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Date	Aug.	Sept.	Oct.	Nov.	Dec.
9	5.06	5.29	5.31	..t.	4.45
10	5.05	5.18	5.38	5.04	4.36
11	5.01	5.13	5.30	5.04	4.37
12	5.05	5.17	5.25	5.04	4.45
13	5.05	5.19	5.29	4.97	4.39
14	5.05	5.19	5.33	4.88	4.43
15	5.09	5.26	5.30	4.87	4.46
16	5.13	5.34	5.38	4.89	4.39
17	5.14	5.38	5.47	4.87	4.39
18	5.11	5.43	5.43	4.84	4.35
19	5.15	5.44	5.38	4.69	4.42
20	5.13	5.45	5.38	4.74	4.48
21	5.41	5.47	5.48	4.79	4.40
22	5.57	5.46	5.58	4.78	4.41
23	5.61	5.49	5.67	4.80	4.46
24	5.70	5.49	5.55	4.76	4.48
25	5.60	5.45	5.49	4.66	4.47
26	5.55	5.46	5.55	4.69	4.42
27	5.52	5.50	5.57	4.71	4.54
28	5.51	5.48	5.59	4.65	4.49
29	5.55	5.40	5.49	4.59	4.50
30	5.51	5.32	5.49	4.62	4.10
31	5.50	....	5.57	....	4.32

EB-45 (*909, p. 33; 939, p. 20; 947, p. 24; *989, p. 27). Standard Oil Co. of Louisiana. At Baton Rouge refinery, east well on dock approach.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7	151.88	Apr. 7	146.08	June 16	171.14	Sept.29	181.02
14	154.05	14	148.30	23	172.06	Oct. 13	170.96
21	155.88	21	148.60	30	174.30	23	149.99
28	157.57	28	149.67	July 7	173.91	Nov. 3	139.04
Feb. 4	158.12	May 5	146.08	14	178.41	10	134.80
11	156.22	12	144.94	21	180.56	16	131.09
18	153.53	17	146.46	28	184.10	25	124.91
25	153.33	19	149.10	Aug. 4	194.81	30	126.87
Mar. 3	154.74	22	147.40	19	184.30	Dec. 7	129.68
10	151.80	26	146.45	Sept. 1	184.61	14	130.43
17	154.02	June 2	157.87	8	185.79	21	130.83
24	152.24	9	168.37	25	183.81	28	132.57
31	148.21						

EB-51. Standard Oil Co. of Louisiana well 11. At Baton Rouge refinery. Unused drilled industrial well, diameter 10 inches, depth 886 feet, screens at 538 to 826 and 666 to 886 feet. Measuring point, top inside edge of casing, 14.5 feet above land-surface datum. Water levels, in feet below land-surface datum: Nov. 1, 1940, 42.99; Nov. 8, 81.42; Apr. 28, 1944, 60.27; May 13, 1944, 47.18. No measurements made in 1941-43.

EB-53 (*909, p. 33; 939, p. 20; 947, p. 24; *989, p. 27). Standard Oil Co. of Louisiana. Measurements discontinued.

EB-74 (*909, p. 33; 939, p. 21; 947, p. 28; *989, p. 28). Solvay Process Co. Measurements discontinued.

EB-78. Solvay Process Co. Sec. 42, T. 6 S., R. 1 W. Used drilled industrial well, diameter 12 inches, depth 425 feet, screen at 332 to 425 feet. Measuring point, top of 1½-inch hole, northwest side pump base, 1.90 feet above land-surface datum. Water level, in feet below land-surface datum, 1944: Dec. 22, 192.30.

EB-83 (*989, p. 27). Gulf States Utilities. In Baton Rouge, at power house on Government Street, about 20 feet west of building and 50 feet from street curb.

EB-83. Gulf States Utilities--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	9.31	May 8	11.38	Aug. 19	20.57	Oct. 30	21.46
Feb. 19	7.79	June 14	17.58	Sept.28	19.37	Dec. 1	21.60
Mar. 28	10.18						

EB-84 (*989, p. 30). Baton Rouge Water Works Co. In Baton Rouge, in W½ sec. 74, T. 7 S., R. 1 E., well 1 at southeast corner of pumping station at Bogan Place, on Lula Avenue.

Water level, in feet with reference to land-surface datum, 1944

Jan. 25	-5.24	May 10	+2.20	Aug. 22	+0.08	Oct. 30	+0.77
Feb. 19	+1.74	June 20	-4.15	Sept.25	+.40	Dec. 11	+1.34
Mar. 27	+1.18						

EB-86 (*989, p. 30). Baton Rouge Water Works Co. In Baton Rouge, in sec. 74, T. 7 S., R. 1 E., well 10 at Bogan Place pumping station, on Lula Avenue.

Water level, in feet below land-surface datum, 1944

Jan. 25	7.18	May 10	11.85	Aug. 22	18.78	Oct. 30	19.09
Feb. 19	7.74	June 20	15.45	Sept.25	17.51	Dec. 11	18.54
Mar. 27	10.82						

EB-88 (*989, p. 30). Baton Rouge Water Works Co. In Baton Rouge, in W½ sec. 74, T. 7 S., R. 1 E., well 9 at Bogan Place pumping station, on Lula Avenue.

Water level, in feet below land-surface datum, 1944

Jan. 25	5.90	May 11	10.90	Aug. 22	17.21	Oct. 30	18.12
Feb. 19	7.40	June 20	13.57	Sept.25	16.15	Dec. 11	16.87
Mar. 27	9.36						

EB-89 (*989, p. 30). Baton Rouge Water Works Co. In Baton Rouge, in W½ sec. 74, T. 7 S., R. 1 E., well 3 at Bogan Place pumping station on Lula Avenue.

Water level, in feet with reference to land-surface datum, 1944

Jan. 25	-3.05	May 11	+1.40	Aug. 22	-1.44	Oct. 31	-1.50
Feb. 19	+.50	June 20	-1.46	Sept.25	-.60	Dec. 11	-.17
Apr. 27	+.72						

EB-90 (*989, p. 30). Baton Rouge Water Works Co. In Baton Rouge, in W½ sec. 74, T. 7 S., R. 1 E., well 8 at Bogan Place pumping station, on Lula Avenue.

Water level, in feet below land-surface datum, 1944

Jan. 25	5.67	Mar. 27	10.05	June 20	15.48	Oct. 30	18.50
Feb. 19	8.00	May 10	11.18	Sept.23	16.81	Dec. 11	17.33

EB-91 (*989, p. 29). Baton Rouge Water Works Co. In Baton Rouge, in W½ sec. 74, T. 7 S., R. 1 E., well 13 at Bogan Place pumping station, on Lula Avenue.

Water level, in feet with reference to land-surface datum, 1944

Jan. 25	-1.09	Mar. 27	+2.44	June 20	+2.00	Oct. 30	+2.25
Feb. 19	+1.77	May 10	+4.42	Sept.25	+2.27	Dec. 11	+2.70

EB-92 (*989, p. 29). Baton Rouge Water Works Co. In Baton Rouge, in W½ sec. 74, T. 7 S., R. 1 E., well 11 at Bogan Place pumping station, on Lula Avenue.

Water level, in feet below land-surface datum, 1944

Jan. 25	4.75	Mar. 27	8.02	June 20	12.39	Oct. 30	16.31
Feb. 19	6.05	May 11	9.34	Sept.25	14.67	Dec. 11	15.25

EB-94 (*989, p. 29). Baton Rouge Water Works Co. In Baton Rouge, in W½ sec. 74, T. 7 S., R. 1 E., well 5 at Bogan Place pumping station, Lula Avenue.

Water level, in feet above land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	1.19	Mar. 27	4.18	June 20	2.30	Oct. 30	3.01
Feb. 19	4.08	May 11	4.79	Sept.25	3.24	Dec. 11	4.01

EB-95 (*989, p. 29). Baton Rouge Water Works Co. In Baton Rouge, well 4 at Lafayette Street station.

Water level, in feet above land-surface datum, 1944

Jan. 7	7.48	Feb. 4	7.88	Mar. 3	12.56	Mar. 31	9.62
14	8.15	11	9.16	10	8.99	Apr. 7	8.96
21	8.57	18	4.69	17	8.44	14	9.16
28	8.03	25	7.08	24	8.44	28	10.59

EB-96 (*989, p. 29). Baton Rouge Water Works Co. In Baton Rouge, well 12 at Lafayette Street station. Water level, in feet above land-surface datum, 1944: Jan. 25, 0.12.

EB-101 (*989, p. 31). Suburban Water Co. In Baton Rouge, in sec. 41, T. 6 S., R. 1 W., Garden City subdivision well 1, at Iberia Street and Baton Rouge Avenue.

Water level, in feet above land-surface datum, 1944

Jan. 25	5.1	Mar. 27	5.84	June 20	4.70	Sept.25	4.73
Feb. 19	5.05	May 10	6.10	Aug. 22	3.95	Oct. 30	3.25

EB-112 (*989, p. 31). Kean Laundry. Measurements discontinued.

EB-125 (*909, p. 34; 939, p. 21; 947, p. 25; *989, p. 31). Peoples Ice & Fuel Co. In Baton Rouge, at 1931 Railroad Avenue.

Water level, in feet below land-surface datum, 1944

May 17	103.51	Aug. 18	a 141.03	Nov. 7	a 112.02	Dec. 1	a 116.04
July 21	a 137.16	25	a 141.22	10	109.77	8	a 114.06
28	a 138.35	Sept. 1	a 132.92	16	a 116.70	15	104.15
Aug. 4	a 139.55	Oct. 27	a 127.22	24	a 116.76	22	a 113.85
11	a 140.03						

a Nearby well pumping.

EB-128 (*909, p. 34; 939, p. 21; 947, p. 25; *989, p. 31). Ice Service, Inc. In Baton Rouge, at 135 South 15th Street.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June
1	102.72	104.30	104.12	101.37	99.12	98.38
2	102.49	104.11	104.06	101.18	99.08	98.52
3	102.63	104.16	104.00	101.12	99.03	98.62
4	102.67	104.34	103.85	101.05	98.99	98.86
5	102.67	104.38	103.69	101.02	99.01	99.09
6	102.68	104.34	103.54	100.96	98.94	99.28
7	102.67	104.38	103.59	100.85	98.80	99.58
8	102.64	104.41	103.59	100.75	98.67	99.88
9	102.68	104.48	103.54	100.46	98.63	100.09
10	102.75	104.51	103.46	100.29	98.64	100.37
11	102.79	104.67	103.20	100.13	98.50	100.49
12	102.83	104.78	103.06	100.03	98.53	100.66
13	102.84	104.77	103.00	99.92	98.40	100.99
14	102.83	104.56	102.92	99.82	98.22	101.28
15	102.84	104.65	102.85	99.70	98.13	101.60
16	102.96	104.57	102.75	99.65	98.03	101.90
17	103.07	104.53	102.69	99.65	98.04	102.[illegible]
18	103.16	104.62	102.60	99.64	98.02	102.[illegible]
19	103.16	104.56	102.39	99.58	98.02	102.[illegible]
20	103.25	104.40	102.41	99.55	98.02	103.1[illegible]

EB-128. Ice Service, Inc.--Continued.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June
21	103.37	104.35	102.41	99.52	97.98	103.49
22	103.37	104.33	102.33	99.42	97.99	103.86
23	103.38	104.33	102.19	99.31	98.04	.....
24	103.43	104.30	102.16	99.29	98.06	104.29
25	103.46	104.34	102.10	99.23	98.07	104.43
26	103.59	104.27	101.94	99.13	98.08	104.68
27	103.68	104.18	101.82	99.15	98.08	104.98
28	103.78	104.13	101.73	99.22	98.03	105.21
29	103.78	104.11	101.65	99.21	98.09	105.49
30	103.80	.....	101.56	99.14	98.11	105.73
31	103.90	.....	101.49	.....	98.25	.....

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	105.89	110.83	114.55	115.48	108.38	99.18
2	106.01	111.08	114.80	116.41	108.01	99.05
3	106.19	111.43	114.84	115.27	107.62	99.08
4	106.22	111.53	114.85	115.23	107.24	98.66
5	106.38	111.60	114.84	115.23	106.89	98.41
6	106.58	111.67	114.89	115.29	106.64	98.09
7	106.73	111.87	114.99	115.18	106.25	97.98
8	106.85	112.06	115.04	114.99	105.78	98.09
9	106.98	112.17	115.04	114.88	105.34	98.06
10	107.10	112.33	115.20	114.79	105.11	97.91
11	107.20	112.51	115.31	114.80	104.74	97.86
12	107.33	112.62	115.28	114.61	104.38	97.79
13	107.47	112.71	115.34	114.55	103.99	97.71
14	107.87	112.82	115.39	114.38	103.63	97.70
15	107.94	113.06	115.47	114.22	103.25	97.64
16	108.11	113.26	115.56	113.98	102.99	97.49
17	108.24	113.44	115.56	.....	102.77	97.29
18	108.30	113.63	115.63	113.42	102.41	97.10
19	108.54	113.59	115.64	113.07	101.93	97.50
20	108.75	113.65	115.65	112.85	101.79	96.93
21	108.94	113.75	115.69	112.58	101.45	96.83
22	109.11	113.81	115.69	112.25	101.24	96.82
23	109.18	113.90	115.65	111.91	100.95	96.81
24	109.39	114.03	115.60	111.59	100.74	96.73
25	109.53	114.16	115.62	111.17	100.27	96.68
26	109.68	114.21	115.71	110.85	100.01	96.72
27	109.94	114.22	115.65	110.50	99.83	96.73
28	110.13	114.26	115.60	110.03	99.67	96.76
29	110.35	114.34	115.55	109.58	99.40	96.76
30	110.46	114.40	115.55	109.15	99.29	96.83
31	110.64	114.45	.....	108.80	.....	96.69

EB-282 (#989, p. 32). Town of Zachary. In Zachary, in N½ sec. 40, T. 5 S., R. 1 E., about 20 feet north of sunken reservoir behind water plant.

Water level, in feet with reference to land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	+4.13	May 8	+2.76	Aug. 19	-0.59	Oct. 30	-1.60
Feb. 20	+4.17	June 15	+1.67	Sept.25	-1.03	Nov. 28	-1.65
Mar. 25	+3.83						

EB-283 (#989, p. 32). Town of Zachary. In Zachary, in N½ sec. 40, T. 5 S., R. 1 E., about 75 feet northeast of sunken reservoir behind water plant.

EB-283. Town of Zachary--Continued.

Water level, in feet above land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	24.9	May 8	26.0	Aug. 19	22.4	Oct. 30	21.7
Feb. 20	25.3	June 15	23.5	Sept. 9	22.1	Nov. 28	21.6
Mar. 25	26.0						

EB-293. Consolidated Chemical Corporation. Sec. 37, T. 6 S., R. 1 W., in back of pumphouse. Unused drilled industrial well, diameter 24 inches, depth 606 feet. Measuring point, top of recorder platform, 0.5 foot below land-surface datum.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	190.4	195.4	190.2	159.8	143.5
2	.....	190.5	195.8	190.0	159.0	142.9
3	.....	189.8	195.8	189.9	158.5	142.8
4	184.5	190.4	196.1	188.9	157.7	142.7
5	184.6	190.8	196.0	188.1	158.7	142.4
6	184.5	191.0	195.9	188.0	158.8	143.3
7	184.4	191.1	195.8	.....	158.5	145.9
8	184.1	191.2	195.9	.....	157.3	.....
9	184.1	190.9	195.7	.....	156.6	147.8
10	184.2	191.0	195.7	.....	155.9	147.4
11	184.4	191.3	195.9	.....	154.3	147.0
12	184.7	191.4	195.5	.....	153.3	146.9
13	185.1	192.6	195.6	185.9	152.1	147.1
14	185.5	193.0	195.7	183.6	151.1	147.2
15	185.7	193.9	195.9	181.7	150.6	147.0
16	186.1	194.7	196.0	180.0	150.4	147.1
17	186.6	194.9	195.6	178.4	.....	146.4
18	186.8	195.6	196.6	176.8	148.6	145.9
19	187.0	195.6	196.3	175.4	147.7	146.2
20	186.8	195.7	195.7	173.9	147.2	146.5
21	187.4	195.7	194.3	172.0	147.3	146.9
22	187.9	195.3	194.2	171.3	146.9	148.0
23	188.3	194.9	194.0	170.2	146.7	148.4
24	188.6	193.4	193.9	168.5	146.6	148.6
25	188.9	194.6	194.0	167.5	146.0	150.9
26	189.2	195.1	192.5	165.2	145.7	151.1
27	.....	195.4	191.9	164.1	145.1	151.6
28	189.6	195.6	191.2	163.2	145.3	151.8
29	189.7	195.4	190.8	162.9	145.5	.....
30	189.9	195.5	190.3	162.5	143.4	149.5
31	190.2	195.2	.....	161.3	.....	147.8

EB-299 (*989, p. 32). Staring & Kirby. In Baton Rouge, at corner of Istrouma Avenue and Haber Street, Capitol Heights.

Water level, in feet above land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	15.3	May 9	15.6	Aug. 19	13.7	Oct. 30	12.8
Feb. 19	15.6	June 14	15.1	Sept.23	13.1	Dec. 1	13.0
Mar. 28	16.0	19	15.1				

EB-300 (*989, p. 32). Scheinuk Florist. In Baton Rouge, in W½ sec. 82, T. 7 S., R. 1 E., at junction of Jefferson Highway and Government Street.

Water level, in feet above land-surface datum, 1944

Jan. 26	4.70	May 9	4.69	Aug. 19	2.93	Oct. 30	2.00
Feb. 19	4.4	June 14	4.45	Sept.23	2.18	Dec. 1	2.32
Mar. 28	4.70						

EB-301 (*989, p. 32). Mrs. H. B. Witter. At Baton Rouge, in W½ sec. 91, T. 7 S., R. 1 E., behind barn at Cedar Lodge Plantation, on Jefferson Highway.

Water level, in feet above land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	12.6	May 9	12.6	Aug. 12	11.3	Oct. 30	10.7
Feb. 19	12.2	June 14	12.6	Sept.23	10.7	Dec. 1	10.6
Mar. 28	12.9						

EB-302 (*989, p. 33). H. A. Bozeman. NW. corner sec. 3, T. 7 S., R. 2 E., 3.5 miles east of intersection of U. S. Highways 61 and 190, on south side of Highway 190, behind residence.

Water level, in feet above land-surface datum, 1944

Jan. 24	29.7	May 9	27.9	Aug. 19	26.7	Oct. 30	26.7
Feb. 19	29.7	June 14	27.9	Sept.23	26.7	Dec. 1	25.7
Mar. 28	28.8						

EB-303 (*989, p. 33). Greenwell Springs Sanitarium well 1. E½ sec. 49, T. 5 S., R. 2 E., on east side of State Highway 37, 60 feet northwest of water tower, east of well 2.

Water level, in feet above land-surface datum, 1944

Jan. 24	23.0	May 9	22.0	Aug. 21	21.6	Oct. 31	20.9
Feb. 18	22.7	June 16	22.3	Sept.25	21.1	Nov. 30	21.6
Mar. 28	22.5						

EB-304 (*989, p. 33). Greenwell Springs Sanitarium well 2. E½ sec. 49, T. 5 S., R. 2 E., northeast of main hospital building, west of well 1.

Water level, in feet above land-surface datum, 1944

Jan. 24	61.9	Mar. 28	61.2	June 16	61.9	Sept.25	60.1
Feb. 18	61.5	May 9	61.2	Aug. 21	58.4	Nov. 30	59.2

EB-305 (*989, p. 33). Dr. I. M. Lee. SW. corner sec. 66, T. 6 S., R. 1 E., on south side Greenwell Springs road, behind house.

Water level, in feet above land-surface datum, 1944

Jan. 24	16.4	May 9	16.2	Aug. 21	15.7	Oct. 31	15.5
Feb. 19	15.7	June 16	16.9	Sept.23	15.6	Dec. 1	15.7
Mar. 28	16.4						

EB-306 (*989, p. 33). A. C. Hernandez. NW¼ sec. 66, T. 6 S., R. 1 E., on north side Greenwell Springs road, in stockyard.

Water level, in feet above land-surface datum, 1944

Jan. 24	16.5	May 10	16.0	Aug. 21	15.0	Oct. 31	14.2
Feb. 19	16.0	June 16	16.4	Sept.23	14.7	Dec. 1	14.4
Mar. 28	16.2						

EB-307 (*989, p. 34). W. W. Bynum. Center of sec. 48, T. 6 S., R. 1 E., on east side of Pearce Lane about 0.5 mile north of Greenwell Springs road.

Water level, in feet above land-surface datum, 1944

Jan. 24	22.2	May 5	21.9	Aug. 19	20.4	Oct. 31	19.7
Feb. 18	21.7	June 19	21.7	Sept.23	20.0	Nov. 30	19.9
Mar. 28	22.9						

EB-308 (*989, p. 34). W. E. Hanks. SW¼ sec. 50, T. 6 S., R. 1 E., on north side Greenwell Springs road about 0.1 mile east of U. S. Highway 61.

Water level, in feet above land-surface datum, 1944

Jan. 24	10.4	May 10	11.[illegible]	Aug. 19	9.5	Oct. 31	8.9
Feb. 19	10.1	June 16	[illegible].0	Sept.23	9.2	Nov. 30	9.2
Mar. 28	11.2						

EB-310 (*989, p. 34). H. B. Witter. NW¼ sec. 74, T. 6 S., R. 1 W., University Place, about 0.3 mile west of U. S. Highway 61, just west of Louisiana & Arkansas Railway.

Water level, in feet above land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	5.4	May 8	6.5	Aug. 21	4.0	Oct. 30	4.7
Feb. 19	5.6	June 15	4.2	Sept.25	3.7	Nov. 29	5.6
Mar. 25	6.8						

EB-311 (*989, p. 34). Suburban Water Co. well 2. In Baton Rouge, in sec. 42, T. 6 S., R. 1 W., at corner of Evangeline and "A" Streets, Istrouma subdivision.

Water level, in feet with reference to land-surface datum, 1944

Jan. 25	+0.6	May 8	+2.5	Aug. 21	-0.9	Oct. 28	+0.2
Feb. 18	+1.2	June 17	+1.6	Sept.27	-.1	Nov. 30	+1.5
Mar. 25	+1.4						

EB-312 (*989, p. 34). Baton Rouge Water Works Co. In Baton Rouge, at intersection of North Highlands Drive and North Highlands Parkway, North Highlands subdivision.

Water level, in feet above land-surface datum, 1944

Feb. 18	14.2	May 8	15.4	Aug. 10	15.0	Oct. 27	14.1
Mar. 25	14.9	June 17	15.2	21	13.8	Dec. 1	15.1

EB-314 (*989, p. 35). A. A. Morvant. N½ sec. 54, T. 5 S., R. 1 E., on south side of Lavy Lane, 1.3 miles west of Plank Road.

Water level, in feet above land-surface datum, 1944

Feb. 20	14.1	May 8	12.7	Sept.25	10.0	Nov. 28	9.2
Mar. 25	13.8	June 17	10.4	Oct. 28	8.9		

EB-315 (*989, p. 35). E. J. Morgan. Center of sec. 96, T. 7 S., R. 1 E., at Zion City.

Water level, in feet with reference to land-surface datum, 1944

Jan. 24	+9.1	May 8	+7.0	Aug. 19	-3.1	Nov. 4	-4.0
Feb. 18	+10.2	June 17	+.9	Sept.30	-3.1	Dec. 11	-2.1
Mar. 28	+8.4						

EB-316 (*989, p. 35). East Baton Rouge Parish School Board. S½ sec. 5, T. 6 S., R. 2 E., at Central High School, on State Highway 270 about 3 miles southwest of Greenwell Springs.

Water level, in feet above land-surface datum, 1944

Jan. 24	20.1	Apr. 8	20.1	Aug. 21	18.8	Oct. 30	17.9
Feb. 18	20.4	May 9	19.7	Sept.23	18.6	Nov. 30	17.7
Mar. 28	20.4	June 16	19.9				

EB-317 (*989, p. 35). H. H. Edwards. SW¼ sec. 6, T. 6 S., R. 2 E., on east side of Joor road, 0.25 mile north of State Highway 270.

Water level, in feet above land-surface datum, 1944

Jan. 24	20.6	May 8	20.3	Aug. 21	19.0	Oct. 31	18.4
Feb. 18	19.9	June 17	19.9	Sept.23	18.8	Nov. 30	18.8
Mar. 25	20.3						

EB-318 (*989, p. 35). Tom Morgan. North side sec. 24, T. 6 S., R. 1 E., west side of Joor road, 0.25 mile north of Comite River.

Water level, in feet above land-surface datum, 1944

Jan. 24	21.0	May 8	21.7	Aug. 19	20.1	Oct. 31	19.7
Feb. 18	21.0	June 19	21.2	Sept.23	20.0	Nov. 30	20.9
Mar. 25	21.0						

EB-319 (*989, p. 36). W. H. Carpenter. Center of sec. 80, T. 6 S., R. 1 E., on west side of State Highway 276, 0.25 mile north of State Highway 270.

Water level, in feet above land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	18.0	May 8	18.0	Aug. 21	17.7	Oct. 31	17.6
Feb. 18	17.8	June 17	18.7	Sept.23	17.6	Nov. 29	17.6
Mar. 25	18.2						

EB-320 (*989, p. 36). C. R. Core. NW¼ sec. 36, T. 5 S., R. 1 E., on east side of State Highway 276 at bend in road.

Water level, in feet above land-surface datum, 1944

Jan. 24	17.4	May 8	17.1	Aug. 21	16.4	Oct. 31	16.0
Feb. 18	17.1	June 17	17.4	Sept.23	16.2	Nov. 29	16.4
Mar. 25	17.4						

EB-321 (*989, p. 36). J. B. Carney. On east side of sec. 89, T. 5 S., R. 1 W., on south side of road, 0.1 mile west of Bayou Baton Rouge, 0.3 mile west of U. S. Highway 61.

Water level, in feet above land-surface datum, 1944

Jan. 24	19.0	May 8	19.2	Aug. 19	15.2	Oct. 30	14.2
Feb. 20	19.7	June 15	17.4	Sept.25	14.8	Nov. 28	14.0
Mar. 25	20.6						

EB-322 (*989, p. 36). T. E. Charlton. SE. corner sec. 29, T. 5 S., R. 1 E., on west side of Plank Road at Lavy Lane.

Water level, in feet above land-surface datum, 1944

Jan. 23	53.2	May 8	53.2	Aug. 19	51.1	Oct. 28	50.1
Feb. 20	52.8	June 15	53.5	Sept.25	50.7	Nov. 28	50.1
Mar. 25	53.2						

EB-323 (*989, p. 36). Standard Ice Box Co. On west side of sec. 42, T. 7 S., R. 1 W., between Third Street extension and Illinois Central Railroad.

Water level, in feet above land-surface datum, 1944

Jan. 26	4.7	May 10	6.0	Aug. 22	3.5	Oct. 28	2.6
Feb. 18	5.0	June 19	4.0	Sept.27	3.0	Nov. 29	3.2
Mar. 28	5.6						

EB-345. Leland College. Sec. 39, T. 5 S., R. 1 W., 0.35 mile north of State Highway 880 and 0.6 mile west of Illinois Central Railroad tracks. Used drilled public-supply well, diameter 4 inches, depth 1,949 feet. Equipped with centrifugal pump. Measuring point, top of 4-inch tee at top of casing, at land-surface datum. Water levels, in feet above land-surface datum, 1944: Oct. 30, 36.6; Nov. 5, 34.0; Nov. 21, 36.6

EB-362. Ethyl Corporation. At Ethyl-Du Pont plant, sec. 41, T. 6 S., R. 1 W. Used drilled industrial well, diameter 16 inches, depth 425 feet. Equipped with turbine pump. Measuring point, top of 1½-inch hole (airline) north side of pump base, which is 1.0 foot above land-surface datum.

Water level, in feet below land-surface datum, 1944

Oct. 20	214.32	Nov. 10	188.67	Dec. 1	183.89	Dec. 15	174.08
27	193.78	17	184.72	8	181.47	22	182.07
Nov. 3	187.20	24	182.30				

Evangeline Parish

Ev-1 (*836, p. 236; 909, p. 34; 939, p. 22; 947, p. 26; *989, p. 37). John La Haye. SW¼ sec. 20, T. 4 S., R. 1 E. Water levels, in feet below land-surface datum, 1944: Jan. 28, 47.41; Apr. 12, 49.93; Sept. 26, 58.12.

Ev-2 (*886, p. 236; 909, p. 34; 939, p. 22; 947, p. 26; *989, p. 37). Dorestant Ardoin. North line sec. 37, T. 6 S., R. 1 W. Water level, in feet below land-surface datum, 1944: Sept. 27, 58.42.

Ev-3. Civilian Conservation Corps Camp No. 1427 (abandoned). SE¼ sec. 33, T. 2 S., R. 2 E. Unused drilled public-supply well, diameter 3 inches, depth 199 feet. No pump. Measuring point, top of 3-inch casing, 1.50 feet above land-surface datum. Water levels, in feet below land-surface datum. Water levels, in feet below land-surface datum: Jan. 18, 1940, 31.86; Apr. 12, 1944, 31.16; Sept. 26, 1944, 31.94.

Ev-4 (*909, p. 35; 939, p. 22; 947, p. 26; *989, p. 37). Rock Island Railway. SW¼ sec. 31, T. 1 S., R. 1 E.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	18.63	Apr. 28	20.27	July 27	34.94	Oct. 27	36.62
Feb. 25	24.40	June 23	27.90	Aug. 25	27.40	Nov. 25	35.87
Mar. 31	16.75	27	29.32	Sept. 26	33.32	Dec. 29	34.86
Apr. 12	19.60	July 25	34.56	29	31.50		

Ev-14. J. Perrodin. SW¼SW¼ sec. 34, T. 6 S., R. 2 W., 2.0 miles east from Basile on north side of U. S. Highway 190. Used drilled irrigation well, diameter 10 inches, depth 266 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.60 feet. Water levels, in feet below land-surface datum, 1944: Apr. 22, 44.11; May 23, 47.29; Nov. 25, 49.32; Dec. 29, 47.12.

Ev-16. Mat Ester. SW¼SW¼ sec. 24, T. 6 S., R. 2 W. Used drilled irrigation well, diameter 12 inches, depth 365 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.30 feet. Water levels, in feet below land-surface datum, 1944: Apr. 24, 46.48; May 23, 55.05.

Ev-19. Alphonse Le Fleur. NW¼NW¼ sec. 12, T. 6 S., R. 2 W. Used drilled irrigation well, diameter 12 inches, depth 275 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.40 feet. Land-surface datum is 44.61 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Apr. 22, 33.81; Sept. 27, 49.98.

Ev-31. Eddie Manuel. NE¼NE¼ sec. 20, T. 5 S., R. 1 W. Used drilled irrigation well, diameter 12 inches, depth 285 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.60 feet. Land-surface datum is 56.15 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: May 23, 59.87; Sept. 26, 66.07.

Grant Parish

G-2 (*845, p. 146; 886, p. 236; 909, p. 35; 939, p. 22; 947, p. 26; *989, p. 37). Carnahan, Hunthunce, & Hargiss. Sec. 5, T. 5 N., R. 3 W. Water levels, in feet below land-surface datum, 1944: Feb. 24, 7.88; Oct. 18, 13.77.

G-21 (*845, p. 146; 886, p. 236; 909, p. 36; 939, p. 23; 947, p. 26; *989, p. 37). U. S. Dept. of Agriculture. In Pollock, at Catahoula Fire Tower. No measurements made in 1944.

G-27 (*845, p. 146; 909, p. 36; 939, p. 23; 947, p. 26; *989, p. 37). 4-H Club camp. SE¼SW¼SW¼ sec. 4, T. 6 N., R. 1 E., in Fishville. No measurements made in 1944.

Iberia Parish

I-19. Jefferson Island Planting Co. Irregular sec. 59, T. 12 S., R. 5 E., 1.0 mile southeast of Jefferson Island. Used drilled irrigation well, diameter 12 inches, depth 477 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum being 7.20 feet.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
May 11	3.65	Oct. 6	5.73	Dec. 8	5.36
July 26	7.35	Nov. 9	7.52		

I-37. Leance Theriot. SW¼NW¼ sec. 20, T. 12 S., R. 6 E. Used drilled domestic and stock well, diameter 2 inches, depth 225 feet. Equipped with suction pump. Measuring point, top of 2-inch casing, 1.30 feet above land-surface datum. Water level, in feet below land-surface datum, 1944: May 11, 2.55.

Jefferson Parish

Jf-12 (*947, p. 26; *989, p. 37). Fourth Jefferson drainage district. At New Orleans pumping station 1, about 1.25 miles west of parish line on Lake Pontchartrain. Water level, in feet below land-surface datum, 1944: May 25, 16.23.

Jefferson Davis Parish

JD-1 (*845, p. 146; 886, p. 237). Latrielle Estate. NE¼ sec. 26, T. 9 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.00 feet. Water level, in feet below land-surface datum, 1938: Apr. 14, 27.00. No measurements made in 1940-44.

JD-5 (*845, p. 147; 886, p. 237). Gulf States Utilities. Lake Arthur. Measuring point, union in air line, 4.10 feet above land-surface datum. Water levels, in feet below land-surface datum: Mar. 28, 1938, 19.75; Sept. 21, 1940, 12.57. No measurements made in 1941-44.

JD-6 (*886, p. 238; 909, p. 37; 939, p. 24; 947, p. 27; *989, p. 37). Latrielle Estate. NW¼ sec. 22, T. 8 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.00 feet. Water levels, in feet below land-surface datum, 1944: Apr. 13, 38.51; Sept. 22, 60+.

JD-8 (*845, p. 147; 886, p. 238). William Koll. SW¼ sec. 3, T. 9 S., R. 3 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 6.60 feet. Water levels, in feet below land-surface datum: Apr. 24, 1940, 29.84; Apr. 10, 1941, 27.15; Apr. 13, 1944, 27.98; Sept. 22, 1944, 46.90.

JD-9 (*845, p. 147; 886, p. 238; 909, p. 37; 939, p. 24; 947, p. 27; *989, p. 37). Calcasieu-Marine National Bank. NW¼ sec. 34, T. 9 S., R. 4 W. Measuring point (2) since July 27, 1944, edge of hole in pump base, 1.00 foot above land-surface datum and 0.40 foot above measuring point (1).

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	23.88	Apr. 28	21.26	Aug. 25	51.29	Oct. 24	33.02
Feb. 25	22.64	May 26	28.72	Sept.20	47.89	Nov. 22	32.95
Mar. 31	21.59	June 23	50.19	29	44.33	Dec. 22	30.12
Apr. 13	21.50	July 27	57.17				

JD-10 (*845, p. 147; 886, p. 238). Calcasieu-Marine National Bank. NE¼ sec. 33, T. 9 S., R. 4 W. Measuring point, top of concrete pump base, 0.60 foot above land-surface datum. Water level, in feet below land-surface datum, 1940: Apr. 2, 23.15. No measurements made in 1941-44.

JD-11 (*845, p. 147; 886, p. 238; 909, p. 38; 939, p. 24; 947, p. 27; *989, p. 38). Mrs. T. L. Linscomb. NE¼ sec. 28, T. 7 S., R. 3 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.00 feet. Water levels, in feet below land-surface datum, 1944: Jan. 17, 43.75; Apr. 12, 41.07; Sept. 22, 54.40.

JD-12 (*845, p. 147; 886, p. 238). B. Gabarino. Center of east line sec. 6, T. 7 S., R. 3 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.40 feet. Water levels, in feet below land-surface datum: Apr. 1, 1940, 41.92; Sept. 19, 1940, 43.62; Apr. 7, 1941, 39.25. No measurements made in 1942-44.

JD-14 (*845, p. 147; 886, p. 239). Calcasieu-Marine National Bank. Center of north line sec. 21, T. 7 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.50 feet. Water level, in feet below land-surface datum, 1940: Sept. 19, 44.60. No measurements made in 1941-44.

JD-15 (*845, p. 147; 886, p. 239). A. R. McBirney. NW¼ sec. 33, T. 7 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 7.00 feet. Water levels, in feet below land-surface datum: Apr. 1, 1940, 32.08; Sept. 19, 1940, 36.84; Apr. 7, 1941, 28.84. No measurements made in 1942-44.

JD-17 (*845, p. 147; 886, p. 239). C. E. Monger. SE¼ sec. 15, T. 8 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.50 feet. Water levels, in feet below land-surface datum: Apr. 1, 1940, 32.17; Sept. 19, 1940, 38.69; Apr. 1941, 28.45. No measurements made in 1942-44.

JD-18 (*845, p. 147; 886, p. 239). William Fenton. SE¼ sec. 8, T. 3 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.50 feet. Water levels, in feet below land-surface datum, 1940: Apr. 1, 32.27; Sept. 19, 37.27. No measurements made in 1942-44.

JD-19 (*845, p. 147; 886, p. 239). Luma Bougeois. SW¼ sec. 18, T. 9 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Water levels, in feet below land-surface datum: Apr. 1, 1940, 21.98; Sept. 21, 1940, 30.02; Apr. 8, 1941, 18.67. No measurements made in 1942-44.

JD-20 (*845, p. 148; 886, p. 239). Calcasieu-Marine National Bank. NE¼ sec. 14, T. 10 S., R. 6 W. Measuring point, top of 24-inch steel pit casing at land-surface datum. Water levels, in feet below land-surface datum, Apr. 2, 1940, 12.97; Sept. 21, 1940, 20.06; Apr. 8, 1941, 10.31. No measurements made in 1942-44.

JD-21 (*845, p. 148; 886, p. 239). John Miller. SE¼ sec. 10, T. 10 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.60 feet. Water levels, in feet below land-surface datum: Apr. 2, 1940, 18.83; Sept. 21, 1940, 27.88; Apr. 8, 1941, 15.93. No measurements made in 1942-44.

JD-23 (*845, p. 148; 886, p. 240; 909, p. 38; 939, p. 24; 947, p. 27; *989, p. 38). Calcasieu-Marine National Bank. NE¼ sec. 4, T. 10 S., R. 6 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	20.91	Apr. 28	21.00	Sept.29	36.16	Nov. 22	30.58
Feb. 25	20.46	May 26	28.41	Oct. 24	24.40	Dec. 22	27.81
Mar. 31	19.55	July 27	47.39				

JD-24. O. David. NE¼NW¼ sec. 11, T. 10 S., R. 6 W. Unused drilled irrigation well, diameter 24 to 10 inches, depth 410 feet. Measuring point, top of 24-inch pit casing, at land-surface datum. Water levels, in feet below land-surface datum: Dec. 22, 1938, 18.67; Dec. 14, 1939, 20.83; Apr. 2, 1940, 16.62. No measurements made in 1941-44.

JD-25. Calcasieu-Marine National Bank. NW¼ sec. 36, T. 9 S., R. 6 W. Unused drilled irrigation well, diameter 24 to 10 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 7.30 feet. Land-surface datum is 20.73 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1938-41

Date	Water level	Date	Water level	Date	Water level
Dec. 22, 1938	20.10	Dec. 12, 1939	22.54	Sept.19, 1940	25.57
Apr. 11, 1939	16.70	Apr. 1, 1940	17.90	Apr. 8, 1941	14.26
Sept.13	32.80				

JD-26 (*886, p. 240; 909, p. 38; 939, p. 25; 947, p. 27; *989, p. 38). I. L. Hebert. NE¼ sec. 21, T. 10 S., R. 3 W. Water levels, in feet below land-surface datum: Dec. 23, 1938, 22.00; Jan. 17, 1944, 21.17; Apr. 13, 1944, 19.11; Sept. 21, 1944, 34.30.

JD-29. White & Dougherty. SE¼ sec. 30, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 24 to 10 inches, depth 186 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.10 feet. Land-surface datum is 45.61 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1938-41

Dec. 26, 1938	43.34	Dec. 12, 1939	44.42	Apr. 7, 1941	38.17
Apr. 6, 1939	40.50	Apr. 1, 1940	41.27		

JD-31. B. J. Hine. NW¼NW¼ sec. 21, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 24 to 10 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.00 feet. Land-surface datum is 53.82 feet above mean Gulf level. Water levels, in feet below land-surface datum: Dec. 28, 1938, 50.71; Apr. 1, 1940, 48.72; Apr. 7, 1941, 45.70. No measurements made in 1942-44.

JD-32 (*886, p. 240). Joe Petitjean. SE¼ sec. 12, T. 11 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.50 feet. Water levels, in feet below land-surface datum: Apr. 2, 1940, 8.45; Sept. 21, 1940, 13.39; Apr. 8, 1941, 5.54; Sept. 27, 1944, 23.90.

JD-33. Joe Petitjean. NW¼ sec. 18, T. 11 S., R. 4 W. Used drilled irrigation well, diameter 24 to 10 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.40 feet. Land-surface datum is 8.69 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 3, 1939	9.03	May 18, 1939	9.58	Apr. 2, 1940	8.04
Apr. 12	7.39	Sept.14	17.50	Sept.21	12.69
May 11	8.42	Dec. 15	11.47	Apr. 8, 1941	5.61

JD-35. Mrs. M. G. Davidson. NE¼NW¼ sec. 10, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 24 to 10 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.80 feet. Land-surface datum is 50.63 feet above mean Gulf level. No measurements made in 1942-44.

JD-35. Mrs. M. G. Davidson--Continued.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1939	46.11	Dec. 12, 1939	47.45	Apr. 7, 1941	41.74
Apr. 5	44.00	Apr. 1, 1940	44.58		

JD-36. M. G. Davidson. NW¼ sec. 3, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 9-5/8 inches, depth 310 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.40 feet. Land-surface datum is 55.99 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 4, 1939	50.85	Dec. 12, 1939	52.07	Sept.19, 1940	51.89
Apr. 5	48.90	Apr. 1, 1940	49.51	Apr. 7, 1941	46.87
Sept.13	54.18				

JD-37. Karl Goebel. SE¼SE¼ sec. 5, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 10 inches, depth 270 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.50 feet. Land-surface datum is 53.57 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 4, 1939	49.05	Dec. 14, 1939	50.19	Sept.19, 1940	49.92
Apr. 5	47.04	Apr. 10, 1940	46.55	Apr. 7, 1941	44.94

JD-39. Otto Bruchhaus. SE¼ sec. 17, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 10 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 7.50 feet. Land-surface datum is 54.59 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 4, 1939	50.99	Dec. 14, 1939	52.58	Sept.19, 1940	53.48
Apr. 5	48.63	Apr. 1, 1940	49.41	Apr. 7, 1941	46.40

JD-40. Chas. H. Daggett. SE¼SE¼ sec. 15, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 10 inches. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.00 feet. Land-surface datum is 54.00 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 4, 1939	51.32	Dec. 12, 1939	53.06	Sept.19, 1940	54.46
Apr. 5	48.87	Apr. 1, 1940	49.69	Apr. 7, 1941	46.68
Sept.13	57.18				

JD-41 (*886, p. 240). J. P. Campbell. NW¼ sec. 18, T. 9 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.90 feet. Water levels, in feet below land-surface datum: Apr. 2, 1940, 21.45; Sept. 21, 1940, 31.54; Apr. 8, 1941, 17.92. No measurements made in 1942-44.

JD-42 (*909, p. 39; 939, p. 25; 947, p. 27; *989, p. 38). Fritz Miller. SE¼ sec. 24, T. 8 S., R. 5 W.

Water level, in feet below land-surface datum, 1939-40, 1944

Jan. 5, 1939	38.23	Sept.30, 1939	46.35	Dec. 12, 1939	40.85
Apr. 6	35.13	Oct. 27	43.80	Apr. 1, 1940	36.00
May 3	35.43	Nov. 24	41.85	Jan. 17, 1944	37.44
Sept.13	49.10				

JD-43 (*886, p. 241; 909, p. 39; 939, p. 25; 947, p. 27; *989, p. 38). Colon Leger. NE¼ sec. 24, T. 8 S., R. 6 W. Water levels, in feet below land-surface datum, 1944: Jan. 28, 28.23; Apr. 13, 26.05; Sept.21, 40.89.

JD-45. Louis Kratzer. SE¼ sec. 9, T. 8 S., R. 4 W. Used drilled irrigation well, diameter 10 inches, depth 365 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.10 feet. Land-surface datum is 39.27 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1939	38.05	Sept.13, 1939	46.74	Sept.19, 1940	43.00
Apr. 6	35.33	Dec. 12	40.08	Apr. 7, 1941	32.90
May 3	35.46	Apr. 1, 1940	36.32		

JD-46. T. I. Heinen. SE¼SE¼ sec. 7, T. 8 S., R. 3 W. Used drilled irrigation well, diameter 10 inches, depth 346 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.60 feet. Land-surface datum is 43.16 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 5, 1939	42.82	Dec. 14, 1939	44.79	Sept.19, 1940	47.96
Apr. 6	40.15	Apr. 1, 1940	40.89	Apr. 7, 1941	37.66
Sept.13	51.91				

JD-50 (*886, p. 240). Dr. G. L. Shoemaker. NE¼ sec. 2, T. 10 S., R. 4 W. Used drilled irrigation well, diameter 12 inches, depth 310 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.60 feet. Land-surface datum is 17.31 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 9, 1940, 16.22; June 13, 1940, 24.96; Sept. 21, 1940, 24.42; Apr. 8, 1941, 13.28. No measurements made in 1942-44.

JD-52. R. E. Blessington. SW¼SW¼ sec. 14, T. 7 S., R. 3 W. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.30 feet. Land-surface datum is 51.08 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 9, 1939, 48.76; Apr. 5, 1939, 46.47; Dec. 12, 1939, 51.90; Apr. 1, 1940, 46.90. No measurements made in 1941-44.

JD-54. Calcasieu National Bank. SE¼NE¼ sec. 19, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 9-5/8 inches, depth 300 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.50 feet. Land-surface datum is 53.86 feet above mean Gulf level. No measurements made in 1941-44.

Water level, in feet below land-surface datum, 1939-40

Jan. 9, 1939	51.10	Dec. 4, 1939	45.27	Sept.19, 1940	53.35
Apr. 5	48.59	Apr. 1, 1940	49.17		

JD-61. R. I. Compton. NE¼ sec. 24, T. 8 S., R. 4 W. Used drilled irrigation well, diameter 11-5/8 inches, depth 344 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.20 feet. Land-surface datum is 40.51 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 10, 1939	40.18	Dec. 12, 1939	42.40	Sept.19, 1940	46.10
Apr. 6	37.64	Apr. 1, 1940	38.40	Apr. 7, 1941	35.10
Sept.13	49.98				

JD-63 (*886, p. 240). J. E. McCown. NW¼ sec. 36, T. 8 S., R. 4 W. Used drilled well, diameter 10 inches, depth 270 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.50 feet. Land-surface datum is 34.77 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 2, 1940, 32.20; Apr. 7, 1941, 27.84. No measurements made in 1942-44.

JD-64. C. E. Britt. NW¼ sec. 15, T. 10 S., R. 3 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.20 feet. Land-surface datum is 23.39 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 11, 1939, 22.97; Apr. 23, 1940, 22.46; Sept. 21, 1940, 29.27. No measurements made in 1941-44.

JD-68. John R. Trotti. SE¼ sec. 10, T. 8 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.90 feet. Land-surface datum is 39.22 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1939	36.95	May 3, 1939	34.56	Apr. 1, 1940	35.70
Apr. 6	34.37	Dec. 12	39.55	7, 1941	32.06

JD-70. Theobert Cormier. NW¼NW¼ sec. 3, T. 9 S., R. 5 W. Used drilled irrigation well, diameter 12 inches, depth 378 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 38.76 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1940-41

Jan. 11, 1939	38.43	May 22, 1939	37.60	Sept.21, 1940	45.28
Apr. 7	35.64	Dec. 14	41.98	Apr. 8, 1941	33.03

JD-71. R. A. Estes. NW¼NW¼ sec. 12, T. 9 S., R. 5 W. Drilled irrigation well, depth 325 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 6.20 feet. Land-surface datum is 32.48 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 14, 1939, 32.84; Dec. 14, 1939, 36.20; Apr. 10, 1940, 31.65; Sept. 21, 1940, 40.75. No measurements made in 1941-44.

JD-73. W. I. Trimble. NW¼ sec. 10, T. 9 S., R. 5 W. Depth of well 220 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Land-surface datum is 37.83 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 14, 1939, 37.69; Dec. 14, 1939, 41.35; Apr. 2, 1940, 36.70; Sept. 21, 1940, 45.62. No measurements made in 1941-44.

JD-75. Reeve Bros. NE¼ sec. 4, T. 10 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 1.80 feet. Land-surface datum is 20.40 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 14, 1939	20.70	Dec. 14, 1939	23.98	Sept.21, 1940	29.09
Apr. 13	18.42	Apr. 2, 1940	19.33	Apr. 8, 1941	16.35
Sept.14	36.43				

JD-76. E. Hardy Estate. NE¼ sec. 9, T. 10 S., R. 5 W. Drilled irrigation well. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.80 feet. Land-surface datum is 16.58 feet above mean Gulf level. No measurements made in 1942-44.

JD-76. E. Hardy Estate--Continued.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1939	16.63	Dec. 14, 1939	19.80	Sept.21, 1940	24.35
Apr. 13	14.37	Apr. 2, 1940	15.31	Apr. 8, 1941	12.46

JD-78. E. A. Lyons & Sons. SE¼SE¼ sec. 24, T. 11 S., R. 5 W. Used drilled irrigation well, diameter 16 inches, depth 347 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 9.20 feet. Land-surface datum is 5.44 feet above mean Gulf level. Water levels, in feet below land-surface datum: Jan. 14, 1939, 6.16; Apr. 18, 1939, 6.09; Apr. 8, 1940, 5.04; Apr. 13, 1944, 4.22.

JD-79. Paul Dupont. SE¼SE¼ sec. 23, T. 11 S., R. 4 W. Drilled irrigation well, depth 313 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.30 feet. Land-surface datum is 16.61 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 16, 1939	18.19	Dec. 15, 1939	20.15	Sept.21, 1940	20.65
Apr. 10	16.50	Apr. 1, 1940	16.96	Apr. 8, 1941	14.86
May 11	18.73				

JD-80. W. P. Strohe. SW¼ sec. 10, T. 10 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.70 feet. Land-surface datum is 17.34 feet above mean Gulf level. No measurements made in 1941-44.

Water level, in feet below land-surface datum, 1939-40

Jan. 17, 1939	17.65	May 11, 1939	22.04	Dec. 16, 1939	20.35
Apr. 12	15.68	18	24.28	Apr. 9, 1940	16.18

JD-82. W. F. Tietje. SE¼ sec. 24, T. 9 S., R. 4 W. Used drilled irrigation well, diameter 9-5/8 inches, depth 370 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.20 feet. Land-surface datum is 27.25 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 17, 1939	27.02	Dec. 14, 1939	29.76	Sept.19, 1940	34.17
Apr. 11	25.08	Apr. 2, 1940	25.54	Apr. 7, 1941	22.44
Sept.13	38.80				

JD-86. Calcasieu National Bank. NW¼ sec. 16, T. 9 S., R. 4 W. Used drilled irrigation well. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.00 feet. Land-surface datum is 29.66 feet above mean Gulf level. No measurements made in 1941-44.

Water level, in feet below land-surface datum, 1939-40

Jan. 18, 1939	29.17	Sept.13, 1939	42.81	Apr. 2, 1940	27.80
Apr. 8	27.16	Dec. 14	32.26	Sept.19	37.82

JD-99. Calcasieu National Bank. NW¼ sec. 4, T. 9 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.50 feet. Land-surface datum is 34.70 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 20, 1939	35.09	Dec. 14, 1939	38.16	Sept.19, 1940	43.14
Apr. 8	33.00	Apr. 2, 1940	33.78	Apr. 7, 1941	30.33
Sept.13	47.73				

JD-106. Calcasieu National Bank. NE¼NE¼ sec. 30, T. 8 S., R. 5 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.30 feet. Land-surface datum is 33.42 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1939	30.73	Dec. 15, 1939	32.88	Sept.21, 1940	34.89
Apr. 7	28.53	Apr. 1, 1940	29.90	Apr. 8, 1941	26.00
May 22	32.27				

JD-113. Calcasieu National Bank. NW¼ sec. 33, T. 9 S., R. 6 W. Unused well, depth 355 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to the land-surface datum along pipe being 3.10 feet. Land-surface datum is 30.06 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1939-41, 1944

Jan. 25, 1939	27.63	Apr. 1, 1940	26.90	Apr. 13, 1944	26.25
Apr. 11	25.59	Sept.19	33.10	Sept.20	44.12
Dec. 14	30.87	Apr. 8, 1941	15.16		

JD-114. J. D. Pousson Estate. NE¼ sec. 32, T. 9 S., R. 5 W. Drilled irrigation well, diameter 10 inches, depth 381 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.60 feet. Land-surface datum is 20.56 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 25, 1939	20.27	Dec. 13, 1939	23.94	Sept.19, 1940	29.08
Apr. 11	18.07	Apr. 1, 1940	19.31	Apr. 8, 1941	16.18
Sept.13	36.11				

JD-115 (*886, p. 241; 909, p. 39; 939, p. 25; 947, p. 27; *989, p. 38). Calcasieu Marine National Bank. NE¼ sec. 34, T. 9 S., R. 5 W. Water levels, in feet below land-surface datum, 1944: Jan. 28, 29.92; Apr. 13, 27.35; Sept. 20, 50.64.

JD-116. Nelson Thomas. NW¼ sec. 25, T. 9 S., R. 4 W. Drilled irrigation well, diameter 10 inches, depth 309 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.80 feet. Land-surface datum is 27.49 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Jan. 25, 1939	26.60	Dec. 14, 1939	29.58	Sept.19, 1940	34.22
Apr. 11	25.05	Apr. 2, 1940	25.35	Apr. 6, 1941	22.30
Sept.13	39.12				

JD-120. Beulah Henderson. SE¼ sec. 10, T. 11 S., R. 4 W. Unused drilled irrigation well. Measuring point, top of 24-inch pit casing at land-surface datum, which is 18.37 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1939-41, 1944

Jan. 26, 1939	19.19	Dec. 16, 1939	21.64	Apr. 8, 1941	15.83
Apr. 13	17.66	Apr. 9, 1940	18.09	13, 1944	15.67
Sept.14	27.68	Sept.21	32.58	Sept.21	28.74

JD-123. Alfred Broussard. SW¼ sec. 12, T. 11 S., R. 4 W. Used drilled irrigation well, diameter 24 inches, depth 413 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.50 feet. Land-surface datum is 16.54 feet above mean Gulf level. No measurements made in 1942-44.

JD-123. Alfred Broussard--Continued.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1939	16.86	Dec. 15, 1939	19.84	Sept.21, 1940	20.18
Apr. 13	16.06	Apr. 9, 1940	16.45	Apr. 8, 1941	14.18

JD-124. Calcasieu Marine National Bank. SE¼ sec. 36, T. 10 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.10 feet. Land-surface datum is 12.74 feet above mean Gulf level. No measurements made in 1941-44.

Water level, in feet below land-surface datum, 1939-40

Jan. 27, 1939	13.21	Sept.14, 1939	22.74	Apr. 10, 1940	12.05
Apr. 13	11.67	Dec. 16	15.73	Sept.21	13.49
May 11	15.13				

JD-133. Fred I. Getty. SW¼ sec. 34, T. 9 S., R. 3 W. Unused drilled well, diameter 12 inches, depth 416 feet. Measuring point, bottom edge of hole on southwest side of pit, at land-surface datum, which is 26.61 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 8, 1939, 26.26; Apr. 23, 1940, 25.41; Apr. 8, 1941, 22.84. No measurements made in 1942-44.

JD-136. Adam Derouen. NW¼ sec. 19, T. 10 S., R. 4 W. Used drilled well, diameter 10 inches, depth 274 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.70 feet. Land-surface datum is 13.51 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Feb. 14, 1939	13.06	Apr. 2, 1940	12.56	Apr. 8, 1941	9.84
Dec. 15	16.73	Sept.21	20.68		

JD-138. A. W. Crowl. SE¼ sec. 16, T. 9 S., R. 4 W. Used drilled irrigation well, diameter 9-5/8 inches, depth 362 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.40 feet. Land-surface datum is 25.93 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 21, 1939, 24.64; Apr. 27, 1940, 25.84; Sept. 19, 1940, 34.12. No measurements made in 1941-44.

JD-139. B. F. Barbarino. NW¼ sec. 12, T. 7 S., R. 4 W. Drilled irrigation well, diameter 10 inches, depth 365 feet. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.40 feet. Land-surface datum is 52.45 feet above mean Gulf level. No measurements made in 1941-44.

Water level, in feet below land-surface datum, 1939-40

Feb. 21, 1939	45.31	Sept.13, 1939	49.00	Apr. 1, 1940	45.06
Apr. 5	44.20	Dec. 12	48.28	Sept.19	47.05

JD-141. T. S. Plunket. SW¼ sec. 17, T. 7 S., R. 3 W. Used drilled irrigation well, diameter 12 inches, depth 307 feet. Equipped with turbine pump. Measuring point, hole in top of pit, at land-surface datum, which is 53.76 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 21, 1939, 53.95; Sept. 19, 1940, 56.72; Apr. 6, 1941, 49.70. No measurements made in 1942-44.

JD-147. J. P. Campbell. NW¼ sec. 18, T. 9 S., R. 4 W. Unused well, depth 357 feet. Measuring point, top of pit, at land-surface datum, which is 21.86 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 22, 1939, 19.48; Apr. 24, 1940, 19.52; Sept. 21, 1940, 29.66. No measurements made in 1941-44.

JD-157. Eba Miller. SW¼ sec. 6, T. 9 S., R. 5 W. Used drilled irrigation well, depth 290 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.60 feet. Land-surface datum is 35.28 feet above mean Gulf level. Water levels, in feet below land-surface datum: Feb. 28, 1939, 31.96; Apr. 22, 1940, 32.27; Sept. 21, 1940, 39.90; Apr. 8, 1941, 29.12. No measurements made in 1941-44.

JD-171. Calcasieu Marine National Bank. NW¼ sec. 20, T. 8 S., R. 3 W. Used drilled irrigation well, diameter 12 inches, depth 342 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.40 feet. Land-surface datum is 34.98 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 4, 1939, 32.50; Apr. 25, 1940, 32.84; Sept. 19, 1940, 40.57; Apr. 6, 1941, 29.54. No measurements made in 1942-44.

JD-175. D. J. Williams. SW¼ sec. 9, T. 9 S., R. 3 W. Used irrigation well, depth 276 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.90 feet. Land-surface datum is 27.29 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 18, 1939, 25.37; Apr. 24, 1940, 25.44. No measurements made in 1941-44.

JD-178. Isaac Fontenot. NE¼ sec. 16, T. 10 S., R. 3 W. Unused drilled irrigation well. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 1.90 feet. Land-surface datum is 21.50 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 9, 1939, 20.23; Apr. 23, 1940, 19.98; Apr. 8, 1941, 17.58. No measurements made in 1942-44.

JD-186. A. C. Campbell. NW¼ sec. 17, T. 10 S., R. 3 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 7.60 feet. Land-surface datum is 10.41 feet above mean Gulf level. No measurements made in 1942-44.

Water level, in feet below land-surface datum, 1939-41

Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1939	9.36	Dec. 16, 1939	13.41	Sept.21, 1940	15.46
Apr. 13	9.05	Apr. 9, 1940	9.51	Apr. 8, 1941	6.91
Sept.14	21.20				

JD-205. F. L. Crabtree. SW¼ sec. 16, T. 7 S., R. 3 W. Used drilled irrigation well, depth 240 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.30 feet. Land-surface datum is 55.11 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1940: Jan. 30, 51.97; Apr. 10, 50.17; Sept. 19, 54.82. No measurements made in 1941-44.

JD-211. G. R. Berry. NW¼ sec. 35, T. 9 S., R. 4 W. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.70 feet. Land-surface datum is 28.27 feet above mean Gulf level. Water levels, in feet below land-surface datum: Apr. 24, 1940, 28.39; Sept. 19, 1940, 35.92; Apr. 8, 1941, 23.88. No measurements made in 1942-44.

JD-212. Calcasieu Marine National Bank. NW¼ sec. 32, T. 9 S., R. 4 W. Measuring point, hole in pump base, at land-surface datum, which is 20.51 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1940: Mar. 15, 19.91; Apr. 25, 19.27; Sept. 19, 29.81. No measurements made in 1941-44.

JD-215. J. L. Watkins. SE¼ sec. 16, T. 11 S., R. 5 W. Used drilled irrigation well, diameter 11-5/8 inches, depth 344 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 10.00 feet. Land-surface datum is 4.18 feet above mean Gulf level. Water levels, in feet below land-surface datum: Mar. 20, 1940, 3.65; Apr. 9, 1940, 3.16; Sept. 21, 1940, 8.00; Apr. 8, 1941, 1.00. No measurements made in 1942-44.

JD-221 (#974, pp. 27-28; #989, p. 221). John Ardein. One mile north of overpass on U. S. Highway 165 near Iowa Junction.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	0.09	Apr. 28	4.11	July 27	10.60	Oct. 28	10.47
Feb. 25	.76	May 26	4.80	Aug. 25	10.12	Nov. 30	10.06
Mar. 31	.45	June 23	7.96	Sept.29	10.20	Dec. 29	(a)

a Dry.

Lafayette Parish

Lf-6. Southwestern Louisiana Institute Horticultural Farm. Irregular sec. 68, T. 9 S., R. 4 E., 0.15 mile north of State Highway 43, 0.5 mile southwest of Lafayette city limits. Used drilled irrigation well, diameter 8 to 6 inches, depth 184 feet. Equipped with turbine pump. Measuring point, edge of plug opening in pump base, at land-surface datum which is 35.37 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1943-44

Date	Water level	Date	Water level	Date	Water level
Nov. 5, 1943	27.30	Apr. 11, 1944	25.74	May 25, 1944	25.02
Jan. 5, 1944	26.80	26	25.04	Oct. 10	27.38

Lf-129. Claude Hanks. NW¼NE¼ sec. 2, T. 10 S., R. 3 E. Used drilled irrigation well, diameter 8 inches, depth 350 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.10 feet. Land-surface datum is 30.12 feet above mean Gulf level. Water levels, in feet below land-surface datum: Nov. 18, 1943, 25.33; Feb. 26, 1944, 23.66; Apr. 11, 1944, 23.05; Oct. 5, 1944, 27.71.

Lf-164. Gaston Gordon. SW¼SW¼ sec. 21, T. 10 S., R. 5 E., 0.2 mile northeast of U. S. Highway 90, 0.7 mile northwest of Broussard. Unused drilled domestic well, diameter 8 inches, depth 113 feet. Measuring points: (1) Top of casing, 0.30 foot above land-surface datum; measuring point (2), since Nov. 10, 1944, floor of recorder shelter, 0.65 foot above land-surface datum which is 33.76 feet above mean Gulf level. Water-stage recorder installed Nov. 10, 1944.

Water level, in feet below land-surface datum, 1943-44
Daily noon water level, from recorder charts, beginning Nov. 11, 1944

Nov. 24, 1943	23.41	Nov. 11, 1944	24.92	Nov. 28, 1944	23.41
Jan. 5, 1944	21.14	12	24.94	29	23.36
29	18.31	13	24.95	30	23.33
Mar. 3	18.68	14	24.95	Dec. 1	23.33
Apr. 11	19.92	15	24.97	2	23.33
24	20.55	16	25.00	3	23.31
May 2	20.72	17	25.02	4	23.27
11	20.47	18	25.02	5	23.25
17	20.75	19	24.71	6	22.82
25	20.51	20	24.66	7	22.47
June 1	20.57	21	24.55	8	22.36
6	20.86	22	24.51	9	22.25
26	22.07	23	24.48	10	22.16
28	22.11	24	24.45	11	22.15
July 26	23.38	25	24.02	12	22.13
Oct. 4	24.35	26	23.69	13	22.07
Nov. 10	24.89	27	23.53	14	22.14

Lf-164. Gaston Gordon--Continued.

Water level, in feet below land-surface datum, 1943-44
(Daily noon water level, from recorder charts, beginning Nov. 11, 1944)

Date	Water level	Date	Water level	Date	Water level
Dec. 15, 1944	22.12	Dec. 21, 1944	22.15	Dec. 27, 1944	22.26
16	22.12	22	22.20	28	22.29
17	22.10	23	22.22	29	22.30
18	22.10	24	22.24	30	22.30
19	22.20	25	22.24	31	22.24
20	22.20	26	22.26		

Lf-199. Clovis Kennedy. NE¼SW¼ sec. 23, T. 10 S., R. 2 E. Used drilled domestic well, diameter 4 to 2 inches, depth 80 feet. Equipped with lift pump. Measuring point, top of 4-inch casing, 1.60 feet above land-surface datum.

Water level, in feet below land-surface datum, 1943-44

Nov. 26, 1943	26.15	Apr. 11, 1944	22.44	June 7, 1944	35.42
Jan. 29, 1944	24.06	May 10	29.93	Oct. 5	21.60

Lf-200. Clovis Kennedy. NE¼SW¼ sec. 23, T. 10 S., R. 2 E. Used drilled irrigation well, diameter 10 inches, depth 320 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.80 feet. Water levels, in feet below land-surface datum, 1944: Jan. 29, 24.69; Apr. 11, 23.10; June 7, 37.10; Oct. 5, 32.18.

Lf-201. Cleveland Leger. SE¼SW¼ sec. 22, T. 10 S., R. 2 E. Used drilled irrigation well, diameter 10 inches, depth 300 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.10 feet.

Water level, in feet below land-surface datum, 1943-44

Nov. 26, 1943	22.79	Apr. 11, 1944	18.19	Oct. 5, 1944	28.61
Jan. 29, 1944	20.35	June 14	33.04		

Lf-210. B. W. Spell. Irregular sec. 24, T. 10 S., R. 2 E. Used drilled irrigation well, diameter 10 inches, depth 350 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.90 feet.

Water level, in feet below land-surface datum, 1943-44

Nov. 27, 1943	23.44	Apr. 11, 1944	19.92	June 14, 1944	33.04
Jan. 29, 1944	21.52	May 10	26.20	Oct. 5	29.15

Lf-251. Milton Syrup Mill. Irregular sec. 40, T. 11 S., R. 4 E., in Milton. Unused drilled industrial well, diameter 4 inches, depth 106 feet. No pump. Measuring point, top of 4-inch casing, 2.60 feet above land-surface datum which is 18.77 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Feb. 18	11.38	Apr. 11	10.86	May 25	12.05
Mar. 11	11.12	28	11.18	Oct. 6	14.60

Lf-478. Charles Bradford. NE¼NE¼ sec. 31, T. 9 S., R. 3 E. Used drilled irrigation well, diameter 12 inches, depth 282 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.76 feet. Water levels, in feet below land-surface datum, 1944: Apr. 11, 24.98; Oct. 5, 37.84.

La Salle Parish

La-41 (*886, p. 242; 909, p. 40; 939, p. 26; 947, p. 28; *989, p. 39). Louisiana Delta Hardwood Lumber Co. NE¼ sec. 8, T. 8 N., R. 3 E. In Trout, at west road entrance to mill. Water level, in feet below land-surface datum, 1944: June 20, 27.23.

La-42 (*886, p. 242; 909, p. 40; 939, p. 26; 947, p. 28; *989, p. 39). Louisiana Delta Hardwood Lumber Co. NE¼ sec. 8, T. 8 N., R. 3 E. In Trout, under derrick at lumber shed. No measurements made in 1944.

Livingston Parish

Li-10 (*909, p. 40; 939, p. 26; 947, p. 28; *989, p. 39). McCarroll Lumber Co. In Frost, on north side of mill pond. Water levels, in feet above land-surface datum, 1944: Apr. 7, 3.5; Nov. 1, 3.4.

Li-11 (*909, p. 40; 939, p. 26; 947, p. 28; *989, p. 39). Sharp Civilian Conservation Corps camp. In Springville. Water levels, in feet above land-surface datum, 1944: Apr. 7, 2.4; Nov. 1, 1.9.

Li-16 (*909, p. 40; 939, p. 26; 947, p. 28; *989, p. 39). J. F. McCarroll. In Holden, 200 feet west of residence. Water levels, in feet above land-surface datum, 1944: Apr. 7, 121.7; Nov. 4, 119.4.

Morehouse Parish

Mo-1 (*909, p. 40; 939, p. 26; 947, p. 28; *989, p. 39). Town of Bastrop. At Bastrop, in City Park. Water level, in feet below land-surface datum, 1944: Feb. 16, 71.32.

Natchitoches Parish

Na-54. S. Rhodes. SW¼ sec. 105, T. 9 N., R. 7 W., 2 miles southeast of city of Natchitoches on State Highway 230. Drilled test well, diameter 6 inches, depth 434 feet. Measuring point, top of 4-inch nipple, 1.35 feet above land-surface datum. Water levels, in feet above land-surface datum: Sept. 29, 1943, 21.7; Aug. 16, 1944, 16.0.

Na-58. H. J. Taylor. NE¼ sec. 10, T. 8 N., R. 7 W., east bank of Old River, 1 mile west of State Highway 230 on 432. Drilled test well, diameter 6 inches, depth 810 feet. Measuring point, top of 1-inch discharge pipe at well, 0.4 foot above land-surface datum. Water levels, in feet above land-surface datum, 1944: Jan. 4, 38.5; Aug. 16, 32.5.

Na-68. City of Natchitoches. NE¼ sec. 15, T. 8 N., R. 7 W., State Highway 432, 0.5 mile west of Old River Bridge. Drilled public-supply well, depth 568 feet. Measuring point, top of east corner of concrete pump base, at land-surface datum. Water level, in feet above land-surface datum, 1944: Aug. 16, 14.6.

Na-69. City of Natchitoches. NE¼ sec. 15, T. 8 N., R. 7 W., at pumping plant, 50 feet west of well Na-68. Drilled public-supply well, diameter 12 inches, depth 255 feet. Measuring point, top of air line hole flange, 0.5 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Aug. 16, 3.21; Oct. 22, 33.0.

Rapides Parish

21 (*845, p. 140; 886, p. 245; 909, p. 42; 939, p. 27; 947, p. 29; *989, p. 39). City of Alexandria. In Alexandria, at Fourth and St. James Streets.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	151.72	Mar. 17	135.95	May 25	143.09	Aug. 3	152.50
15	155.71	23	135.27	June 2	143.91	10	155.06
21	163.58	30	134.77	8	144.60	17	157.95
28	161.48	Apr. 6	134.21	15	145.85	24	153.85
Feb. 3	163.01	13	140.49	24	146.92	31	152.91
10	164.06	20	142.00	29	151.38	Sept. 8	140.99
18	161.57	27	142.19	July 8	141.66	15	133.39
26	148.76	May 5	141.29	15	149.15	21	131.82
Mar. 2	162.52	12	144.31	21	149.82	28	129.19
10	147.54	17	142.64	26	151.90		

26 (*845, p. 140; 886, p. 245; 909, p. 43; 939, p. 28; 947, p. 30; *989, p. 40). Missouri Pacific Railroad. In Alexandria, at abandoned roundhouse on North 13th Street. Water-stage recorder removed Apr. 20, 1944.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	129.02	Mar. 23	127.84	June 2	133.81	Aug. 3	155.62
15	127.84	30	127.67	8	136.73	10	156.84
21	128.13	Apr. 8	129.44	15	136.95	17	157.01
27	129.30	13	130.09	24	137.44	24	157.22
Feb. 3	129.43	20	121.19	29	156.02	31	164.97
10	128.64	27	131.27	July 8	156.09	Sept. 8	165.01
18	127.46	May 5	131.49	15	154.61	15	165.92
24	126.85	12	132.03	21	154.90	21	165.94
Mar. 2	127.58	17	132.26	26	154.67	28	161.02
16	128.08	25	133.60				

35 (*845, p. 141; 886, p. 246; 909, p. 44; 939, p. 29; 947, p. 30; *989, p. 40). Pine Products Co. In Alexandria.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	141.26	Mar. 17	140.59	May 25	147.51	Aug. 3	156.99
15	139.54	23	142.29	June 2	147.71	10	157.45
21	153.52	30	142.51	8	148.15	17	157.51
29	140.08	Apr. 6	142.78	15	148.68	24	158.00
Feb. 3	141.31	13	143.75	24	149.07	31	158.51
10	140.79	20	144.51	29	152.19	Sept. 8	163.29
18	141.01	27	144.83	July 8	152.48	15	160.14
26	141.22	May 5	145.11	15	152.32	21	159.49
Mar. 2	140.90	12	148.90	21	159.64	28	160.87
10	140.77	17	147.05	26	156.02		

43-A (*845, p. 141; 886, p. 246; 909, p. 44; 939, p. 29; 947, p. 31; *989, p. 41). Missouri Pacific Railroad. In Alexandria. No measurements made in 1944.

67 (*845, p. 142; 886, p. 246; 909, p. 44; 939, p. 29; 947, p. 31; *989, p. 41). Louisiana Ice & Electric Co. In Lecompte. Water levels, in feet below land-surface datum, 1944: Sept. 7, 81.65; Dec. 19, 73.16.

80. Louisiana Ice & Electric Co. On U. S. Highway 71, at Cheneyville. Used drilled public-supply well, diameter 8 inches, depth 430 feet. Measuring point, bottom edge of horizontal discharge pipe, the distance from land-surface datum along the pipe being 3.4 feet.

Water level, in feet below land-surface datum, 1939, 1941-44

Date	Water level	Date	Water level	Date	Water level
June 18, 1939	7.55	May 26, 1941	5.58	July 27, 1943	7.83
Aug. 3	4.96	Oct. 1, 1942	6.47	Sept. 7, 1944	7.87

89 (*845, p. 142; 886, p. 247; 909, p. 44; 939, p. 29; 947, p. 31; *989, p. 41). State Colony Farm. SE. corner sec. 39, T. 4 N., R. 2 W. Water levels, in feet below land-surface datum, 1944: Sept. 8, 11.89; Dec. 19, 29.81, pumping.

135 (*845, p. 143; 886, p. 247; 909, p. 45; 939, p. 30; 947, p. 31; *989, p. 41). At Arbuthnot mill site, sec. 61, T. 5 N., R. 3 W. Water level, in feet above land-surface datum, 1944: Feb. 24, 7.5.

183 (*845, p. 144; 886, p. 248; 909, p. 45; 939, p. 30; 947, p. 31; *989, p. 41). O. T. Oden. 8 miles south of Alexandria on U. S. Highway 165. Water levels, in feet below land-surface datum, 1944: Sept. 7, 29.14; Dec. 19, 28.98.

184 (*845, p. 144; 886, p. 248; 909, p. 45; 939, p. 30; 947, p. 31; *989, p. 41). O. T. Oden. 8 miles south of Alexandria on U. S. Highway 165. Water levels, in feet below land-surface datum, 1944: Sept. 7, 25.40; Dec. 19, 25.38.

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207 (*845, p. 145; 886, p. 249; 909, p. 46; 939, p. 31; 947, p. 31; *989, p. 41). State Hospital for Insane. In Pineville. Water levels, in feet below land-surface datum, 1944: July 26, 104.53; Sept. 15, 105.21.

218 (*845, p. 145; 886, p. 249; 909, p. 46; 939, p. 31; 947, p. 31; *989, p. 41). Camp Beauregard. About 5 miles north of Pineville, at south border of camp. No measurements made in 1944.

318. Camp Claiborne. NW¼SW¼ sec. 11, T. 1 N., R. 2 W., test hole at tent theater. Drilled observation well, diameter 4 inches, depth 602 feet. Measuring point, top of casing, 1.0 foot above land-surface datum.

Water level, in feet below land-surface datum, 1943-44

Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1943	65.68	May 11, 1943	66.03	Aug. 24, 1943	66.49
Feb. 4	71.70	20	66.14	31	66.55
10	65.73	25	66.16	Sept.15	66.40
17	65.55	June 1	66.12	22	66.49
23	65.78	8	66.02	Oct. 25	68.60
Mar. 2	65.99	15	65.98	Nov. 30	67.69
9	65.83	29	66.24	Dec. 31	66.89
16	65.84	July 6	66.30	Feb. 15, 1944	67.09
23	65.90	16	66.47	Mar. 24	67.31
30	65.88	20	66.27	Apr. 26	64.69
Apr. 6	65.92	27	66.20	May 24	67.68
13	65.90	Aug. 5	66.29	July 14	68.24
20	65.97	10	66.35	Aug. 23	68.42
27	66.03	17	66.44		

328. Camp Claiborne. NE¼NW¼ sec. 11, T. 1 N., R. 2 W., 200 feet south of north property line, 100 feet west of North Q Street. Drilled observation well, diameter 4 inches, depth 447 feet. Measuring point, bottom edge of tee, 2.0 feet above land-surface datum.

Water level, in feet below land-surface datum, 1941-44

Feb. 7, 1941	50.39	Sept.16, 1942	47.77	May 4, 1943	52.60
Apr. 23	58.84	23	47.57	11	52.59
Aug. 13	54.27	Oct. 1	47.27	20	52.73
Sept.17	47.52	7	49.69	25	51.89
Oct. 29	50.59	14	49.67	June 1	51.82
Nov. 5	51.00	21	48.88	8	52.62
Jan. 29, 1942	51.44	Nov. 4	49.22	15	52.81
Feb. 4	49.42	11	51.47	22	51.66
11	48.29	19	51.66	29	51.49
18	49.25	25	50.87	July 6	51.24
Mar. 18	50.75	Dec. 4	49.50	16	53.53
Apr. 15	50.25	9	50.78	20	53.79
May 15	51.10	31	50.12	27	53.92
21	51.70	Jan. 8, 1943	51.02	Aug. 5	53.99
27	51.84	13	50.54	10	54.11
June 3	51.28	20	51.14	17	53.33
10	48.98	27	50.72	27	53.41
17	49.84	Feb. 4	51.79	31	53.53
28	48.62	10	51.46	Sept. 8	53.09
July 1	48.67	17	51.16	15	55.07
8	51.26	23	50.50	22	55.55
15	51.21	Mar. 2	50.28	Oct. 25	54.49
23	49.15	9	50.41	Nov. 30	55.37
31	49.10	16	52.88	Dec. 31	52.78
Aug. 5	50.52	23	51.88	Feb. 15, 1944	51.74
12	48.39	30	51.26	Mar. 24	52.09
19	48.23	Apr. 6	51.45	Apr. 26	52.88
26	50.44	13	52.01	May 24	52.48
Sept. 2	50.59	20	52.61	July 14	52.91
9	49.55	27	52.72	Aug. 23	53.52

330. Camp Claiborne. SW¼SW¼ sec. 12, T. 1 N., R. 2 W,, 100 feet north of South 4th Street. Used drilled public-supply well, depth 408 feet. Measuring point, top of pump base, 2.00 feet above land-surface datum.

Water level, in feet below land-surface datum, 1941-44

Date	Water level	Date	Water level	Date	Water level
Feb. 21, 1941	74.94	May 1, 1942	67.02	Mar. 2, 1943	66.42
28	71.84	6	67.00	9	66.40
Mar. 3	72.41	15	67.02	16	66.42
7	72.88	21	67.00	23	66.42
13	77.70	27	67.09	30	66.42
May 7	73.74	June 3	67.01	Apr. 6	66.42
June 11	72.32	10	65.82	13	66.41
July 30	74.56	17	66.97	20	66.41
Aug. 6	74.60	28	66.98	27	66.42
13	74.62	July 1	66.96	May 4	66.41
20	74.64	15	66.90	11	66.41
27	74.52	23	67.27	20	66.42
Sept. 3	70.00	31	66.98	25	66.42
17	67.10	Aug. 5	66.57	June 1	66.41
24	67.02	12	66.96	8	66.42
Oct. 2	66.75	19	66.96	15	66.41
8	66.78	26	66.98	22	66.44
15	65.98	Sept. 2	66.97	29	66.44
22	66.73	9	66.96	July 6	66.41
29	66.74	18	66.90	16	66.42
Nov. 5	66.72	23	66.82	20	66.43
26	66.81	Oct. 1	66.91	27	66.42
Dec. 5	66.79	7	66.90	Aug. 5	66.41
10	66.81	14	64.84	10	66.41
17	66.82	21	66.86	17	66.40
26	66.79	Nov. 4	66.51	27	66.41
Jan. 2, 1942	66.79	11	66.54	30	66.42
7	66.78	19	66.49	Sept. 8	66.41
14	66.82	25	66.41	15	66.41
21	66.85	Dec. 9	66.52	22	66.41
29	66.83	31	64.48	Oct. 25	66.42
Feb. 4	66.84	Jan. 8, 1943	64.40	Nov. 30	66.46
18	66.86	13	66.50	Dec. 31	66.42
25	66.87	20	66.51	Mar. 24, 1944	66.42
Mar. 18	66.91	27	66.45	Apr. 26	66.42
24	67.49	Feb. 4	66.47	May 24	66.44
Apr. 1	66.99	10	66.47	July 14	66.45
15	67.02	17	65.38	Aug. 23	66.50
22	68.09	23	66.40		

344 (*939, p. 31; 947, p. 32; *989, p. 42). Camp Livingston. NW. corner sec. 3, T. 5 N., R. 1 E.

Water level, in feet below land-surface datum, 1944

Jan. 24	176.80	June 20	177.88	Aug. 24	195.45
May 17	179.77	July 20	196.19	Sept.26	191.75

347 (*939, p. 32; 947, p. 32; *989, p. 42). Camp Claiborne. About 200 feet north of South Street and 75 feet west of I Street.

Water level, in feet below land-surface datum, 1944

Feb. 15	66.67	Apr. 26	69.64	July 14	69.72
Mar. 2	68.07	May 24	69.44	Aug. 23	70.37

366. Camp Claiborne observation well 11a, at Camp Claiborne. Drilled well, diameter 4 inches, depth 152 feet. Measuring point, top of casing, 1.0 foot above land-surface datum.

Water level, in feet below land-surface datum, 1941-44

Aug. 13, 1941	52.03	Oct. 8	53.16	Nov. 12	53.03
20	51.99	15	52.82	26	52.74
Sept.24	53.23	Nov. 5	53.36	Dec. 5	53.78

366. Camp Claiborne observation well 11a--Continued.

Water level, in feet below land-surface datum, 1941-44

Date	Water level	Date	Water level	Date	Water level
Dec. 26, 1941	59.41	Feb. 25, 1942	53.38	Aug. 26, 1942	54.60
Jan. 2, 1942	54.20	Mar. 11	54.45	Sept. 2	54.54
7	53.55	18	53.18	9	54.60
14	61.39	24	53.08	18	54.55
21	53.83	Apr. 22	62.15	Oct. 1	56.97
29	54.42	May 1	63.74	Dec. 4	63.37
Feb. 4	53.33	July 8	60.82	Oct. 25, 1943	62.64
11	53.44	23	55.00	Feb. 15, 1944	66.34
18	53.45	Aug. 19	54.83		

368 (*939, p. 32; 947, p. 33; *989, p. 42). Camp Claiborne. 50 feet from well 12 (U. S. Geol. Survey 367). Water levels, in feet below land-surface datum, 1944: May 24, 75.42; July 14, 77.51.

370. Camp Claiborne. 50 feet north of well 13 (U. S. Geol. Survey well 369). Drilled observation well, diameter 4 inches, depth 168 feet. Measuring point, top of casing 2.0 feet above land-surface datum.

Water level, in feet below land-surface datum, 1941-44

July 8, 1941	64.58	Apr. 22, 1942	64.76	Dec. 9, 1942	67.44
16	64.43	May 5	64.86	Feb. 23, 1943	69.35
23	64.30	21	65.15	May 2	69.48
30	64.16	27	64.83	Apr. 9	69.43
Aug. 6	64.06	June 10	64.79	16	69.51
13	63.98	17	65.26	May 4	69.77
14	63.99	28	65.13	June 1	69.68
20	63.98	July 1	65.03	July 27	72.10
Sept.24	64.40	8	65.17	Aug. 10	72.53
Oct. 15	66.87	31	65.04	17	72.60
22	64.75	Aug. 12	65.75	Sept.15	72.68
29	64.37	19	65.65	22	72.10
Jan. 21, 1942	64.69	26	65.77	Oct. 25	72.32
Feb. 4	65.14	Sept.16	66.29	Nov. 29	72.89
18	64.85	Oct. 7	66.53	Dec. 31	73.18
25	64.69	21	66.59	Apr. 26, 1944	72.78
Mar. 6	65.09	Nov. 25	67.38	May 24	72.21
11	64.92	Dec. 4	66.55	July 14	70.66
24	64.55				

381 (*947, p. 33; *989, p. 43). Camp Livingston. About 100 feet west and 60 feet north of well 3NW (U. S. Geol. Survey well 355).

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24	68.35	May 17	68.48	July 20	68.14	Sept.26	68.39
Apr. 25	68.52	June 20	68.48	Aug. 24	68.33		

396. Camp Claiborne. North observation well on range. Drilled well, diameter 4 inches, depth 94 feet. Measuring point, top of casing, at land-surface datum.

Water level, in feet below land-surface datum, 1943-44

Date	Water level	Date	Water level	Date	Water level
Mar. 9, 1943	53.83	May 20, 1943	54.71	July 27, 1943	55.47
16	53.98	25	54.77	Aug. 5	55.53
23	53.74	June 1	54.86	10	55.68
30	53.61	8	54.91	17	55.75
Apr. 6	54.15	15	54.97	24	55.81
13	54.33	22	55.07	31	55.94
20	54.52	29	55.12	Sept. 8	56.00
27	54.59	July 6	55.25	15	56.13
May 4	54.58	13	55.33	22	56.21
11	54.60	20	55.40	Oct. 25	56.55

396. Camp Claiborne--Continued.

Water level, in feet below land-surface datum, 1943-44

Date	Water level	Date	Water level	Date	Water level
Nov. 30, 1943	57.02	Mar. 24	56.47	July 14	55.98
Dec. 31	57.39	Apr. 26	56.18	Aug. 23	56.52
Feb. 15, 1944	56.64	May 24	55.82		

397. Camp Claiborne. South observation well by hospital. Drilled well, diameter 4 inches, depth 94 feet. Measuring point, top of casing, at land-surface datum.

Water level, in feet below land-surface datum, 1943-44

Mar. 9, 1943	60.40	June 8, 1943	62.12	Sept. 8, 1943	63.82
16	60.53	15	62.15	15	63.92
23	60.23	22	62.56	22	64.01
30	60.44	July 6	62.70	Oct. 25	64.44
Apr. 6	60.75	13	62.83	Nov. 30	64.70
13	60.90	20	62.95	Dec. 31	64.99
20	61.18	27	63.07	Feb. 15, 1944	65.09
27	61.27	Aug. 5	63.13	Mar. 24	65.54
May 4	61.30	10	63.27	Apr. 26	64.87
11	61.47	17	63.42	May 24	65.68
20	61.59	27	63.51	July 14	65.71
25	61.96	30	63.62	Aug. 23	65.93
June 1	62.08				

St. Charles Parish

Sc-6 (*989, p. 43). Shell Oil Co. N½ sec. 6, T. 12 S., R. 8 E., 1,000 feet south of Louisiana & Arkansas Railway tracks.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	43.1	44.2	44.7	43.4	42.5	42.2	42.8	43.7	44.6	....	46.2	45.7
2	44.5	42.3	44.9	43.2	42.5	42.2	42.6	43.6	44.6	44.7	....	45.9
3	43.1	41.7	44.1	43.1	42.6	42.2	42.5	43.6	44.7	44.8	....	45.4
4	44.8	44.1	....	43.0	42.4	42.2	42.4	43.7	44.7	44.8	46.0	45.4
5	44.0	44.0	....	43.0	42.4	42.3	42.4	43.9	44.6	45.4	46.3	....
6	43.5	44.7	....	43.1	42.3	42.5	42.4	44.0	44.7	45.8	46.5	45.4
7	43.2	44.4	43.4	43.1	42.1	42.5	42.5	44.0	44.6	45.4	....	45.8
8	43.7	43.8	42.9	43.3	42.1	42.6	42.5	44.1	44.6	45.3	45.3	46.0
9	43.2	44.3	44.3	43.1	42.2	42.4	42.6	44.0	44.6	45.5	45.5	46.1
10	43.1	44.5	44.0	42.5	42.4	42.4	42.7	44.2	44.5	46.5	45.7	46.3
11	43.5	44.6	44.1	....	42.0	42.4	43.0	44.0	44.2	46.7	45.6	46.4
12	43.7	44.7	44.5	42.5	42.3	42.3	....	44.1	44.0	46.1	45.8	46.0
13	43.4	44.9	44.5	42.3	42.2	41.6	....	44.0	44.0	46.4	46.1	46.1
14	43.3	44.7	44.5	42.0	42.1	41.8	....	44.1	44.1	45.3	46.2	....
15	42.9	45.0	44.7	41.9	42.1	42.4	....	44.0	44.1	45.2	46.3	46.4
16	43.1	44.8	44.6	42.3	41.9	43.0	....	44.3	....	45.6	46.1	46.6
17	43.1	45.0	44.6	42.5	42.0	43.3	43.1	44.3	43.7	46.3	....	46.7
18	42.9	44.9	44.5	42.6	42.3	43.6	45.3	44.4	43.9	45.2	46.2	46.6
19	43.1	44.9	44.2	42.5	42.0	43.7	43.6	44.3	44.1	45.2	46.1	46.6
20	42.9	44.8	44.5	42.4	42.1	43.8	43.6	44.4	43.5	45.1	46.2	46.5
21	43.0	44.8	44.4	42.2	42.0	43.9	43.5	44.6	43.4	45.1	46.5	46.7
22	43.2	45.0	44.3	42.2	42.0	43.6	43.6	44.4	44.1	45.2	....	46.6
23	43.0	45.0	44.3	42.2	42.1	43.9	....	44.4	44.1	44.8	....	46.7
24	42.4	44.8	44.2	42.4	41.9	43.8	42.8	44.4	44.4	....	46.0	46.7
25	41.9	44.8	44.2	....	41.9	43.4	42.7	44.4	44.4	....	45.9	46.2
26	41.9	....	44.2	42.3	42.0	43.2	43.2	44.3	44.6	....	....	46.0
27	41.8	....	44.2	42.5	42.1	43.1	43.3	44.3	44.8	....	....	....
28	41.8	....	44.2	42.3	42.1	43.0	43.4	44.5	44.8	43.4	45.2	....
29	41.9	44.9	43.7	42.1	42.1	42.8	43.4	44.7	44.7	43.8	45.5	45.3
30	43.6	....	43.8	42.4	42.1	42.4	43.8	44.7	44.9	43.9	45.0	45.2
31	43.5	....	43.4	....	42.2	....	43.7	44.7	....	46.4	....	45.5

St. Landry Parish

SL-7. W. J. Durio. In Arnaudville, 50 feet northwest of Shell garage, 100 feet west of State Highway 25. Unused drilled domestic well, diameter 4 to 2 inches, depth 197 feet, dismantled suction pump. Measuring point, top of 4-inch casing, at land-surface datum, which is 28.73 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	13.95	Apr. 15	12.19	June 10	12.50	Nov. 9	17.93
Apr. 11	12.91	May 16	12.15	Oct. 4	17.22	Dec. 9	16.34
13							

SL-10. Cankton Gin Co. NE¼NE¼ sec. 24, T. 8 S., R. 3 E., in Cankton, at rear of cotton gin. Used drilled industrial well, diameter 4 to 2 inches, depth 210 feet. Equipped with jet pump. Measuring point, top of 4-inch casing, 0.45 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 4, 37.03; Oct. 3, 39.52.

SL-14. Z. T. Cary. SW¼NE¼ sec. 16, T. 7 S., R. 3 E., in Lewisburg, at rear of cotton gin. Unused drilled irrigation well, diameter 12 to 6 inches. No pump. Measuring point, top of 12-inch casing, 0.30 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 4, 49.84; Oct. 3, 55.08.

SL-19. Mrs. A. R. Childs. Irregular sec. 64, T. 7 S., R. 2 E., 2.5 miles north of Churchpoint on State Highway 375. Used drilled irrigation well, diameter 10 inches, depth 400 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.30 feet. Water levels, in feet below land-surface datum, 1944: Apr. 4, 49.20; Sept. 29, 56.86.

SL-26. George Parker. Irregular sec. 71, T. 4 S., R. 3 E. Used drilled irrigation well, diameter 6 inches, depth 217 feet. Equipped with turbine pump. Measuring point, bottom edge of horizontal discharge pipe, the distance from measuring point to land-surface datum along pipe being 3.70 feet. Water levels, in feet below land-surface datum, 1944: Apr. 5, 38.77; Oct. 3, 39.67.

SL-29. Town of Washington. Irregular sec. 27, T. 5 S., R. 4 E., in Washington, 300 feet southeast of railroad station. Used drilled public-supply well, diameter 6 inches, depth 155 feet. Equipped with suction pump. Measuring point, top of nipple, 0.25 foot above top of 6-inch casing and 2.20 feet above land-surface datum, which is 36.36 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Apr. 6, 17.55; June 10, 17.36; July 25, 18.05; Oct. 3, 19.10.

SL-30. Town of Washington. Irregular sec. 27, T. 5 S., R. 4 E., in Washington, 300 feet southeast of railroad station. Used drilled public-supply well, diameter 6 inches, depth 155 feet. Equipped with suction pump Measuring point, top of nipple, 0.25 foot above top of 6-inch casing, 3.50 feet above land-surface datum, which is 36.04 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Apr. 6, 16.96; June 10, 17.04; July 25, 17.75; Oct. 3, 18.87.

SL-35. Palmetto Mercantile Co. SW¼SE¼ sec. 12, T. 4 S., R. 6 E., in Palmetto, at rear of general store. Used drilled domestic well, diameter 1½ inches, depth 160 feet. Equipped with suction pump. Measuring point, top of 1½-inch casing, 1.65 feet above land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 6, 13.57; Oct. 3, 19.17.

SL-40. Dalfrey Bros. Cotton Gin. NW¼NE¼ sec. 23, T. 7 S., R. 5 E., in Leonville, at rear of cotton gin. Used drilled industrial well, diameter 4 inches, depth 165 feet. Equipped with suction pump. Measuring point, top of 4-inch casing, south side, 2.00 feet above land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 15, 11.70; May 16, 11.98; June 10, 12.55; Oct. 4, 19.32.

SL-43. E. G. Simmons. SE¼SE¼ sec. 14, T. 6 S., R. 2 E. Used drilled irrigation well, diameter 10 inches, depth 211 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 5.70 feet. Water levels, in feet below land-surface datum, 1944: Apr. 20, 52.20; May 23, 55.44; Sept. 29, 59.96.

SL-48. L. P. Erickson. SE¼NW¼ sec. 24, T. 6 S., R. 1 W. Used drilled irrigation well, diameter 12 inches, depth 279 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.20 feet. Land-surface datum is 50.63 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Apr. 20, 43.09; May 26, 61.15; Sept. 27, 63.15.

SL-57. Sun Oil Co. Irregular sec. 37, T. 7 S., R. 4 E., 2.0 miles west-northwest of Sunset, on State Highway 5. Used drilled industrial well, diameter 4 inches, depth 200 feet, dismantled air-lift pump. Measuring point, top of 3/4-inch nipple, 0.30 foot above top of 4-inch tee and 2.60 feet above land-surface datum. Water levels, in feet below land-surface datum, 1944: May 9, 38.83; June 10, 39.27; Oct. 3, 41.93.

St. Martin Parish

SMn-20. Smedes Bros. Sugar Mill. NW¼SE¼ sec. 13, T. 11 S., R. 5 E., at Cade station, 50 feet east of water-tank tower. Used drilled industrial well, diameter 10 inches, depth 285 feet. Equipped with lift pump. Measuring point, top of 10-inch casing, 2.10 feet above land-surface datum, which is 32.17 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 19	18.03	Apr. 24	20.00	June 6	20.26
Apr. 11	19.01	June 1	19.91	Oct. 4	23.38

SMn-38. Gordy Salt Co. Irregular sec. 71, T. 9 S., R. 5 E., at Anse La Butte. Used drilled industrial well, diameter 10 inches, depth 240 feet. Equipped with centrifugal pump. Measuring point, top of 10-inch casing, 0.32 foot above top of concrete floor and land-surface datum, which is 17.71 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Jan. 23	4.88	Apr. 11	a 17.66	Apr. 16	4.69
31	a 20.47	15	5.60	Oct. 4	9.88

a Pumping.

SMn-51. People's Cotton Oil Co. Irregular sec. 35, T. 8 S., R. 6 E., 1.2 miles northeast from Champagne. Used drilled industrial well, diameter 2 inches, depth 125 feet. Equipped with suction pump. Measuring point, top of 2-inch casing, 2.60 feet above land-surface datum, which is 18.57 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	6.28	Apr. 11	2.70	June 13	2.01	Oct. 4	8.75
28	6.26	May 16	1.74	26	2.45	Nov. 9	8.94
Mar. 1	5.38	June 1	1.40	July 26	5.27	Dec. 9	8.53
24	3.63						

SMn-58. St. Joseph Catholic Church. Irregular sec. 55, T. 8 S., R. 6 E., in Cecelia. Used drilled domestic well, diameter 2 inches, depth 180 feet. Equipped with suction pump. Measuring point, top of 2-inch casing, 0.84 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Jan. 31, 14.96; Mar. 1, 14.20; Apr. 11, 11.85; Oct. 4, 17.49.

SMn-61. Regis Lagrange. T. 8 S., R. 6 E., 3.0 miles southeast of Arnaudville, on State Highway 401. Used drilled domestic and stock well, diameter 4 to 2 inches, depth 130 feet. Equipped with suction pump. Measuring point, top of 4-inch casing, 0.80 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Jan. 31, 12.83; Apr. 11, 10.79; Oct. 4, 15.95.

SMn-62. Ernest Fuselier. T. 8 S., R. 6 E., 2.4 miles southeast of Arnaudville, on State Highway 401. Used drilled stock well, diameter 4 inches, depth 85 feet. Equipped with suction pump. Measuring point, top of 4-inch casing, 0.50 foot above land-surface datum. Water levels, in feet below land-surface datum, 1944: Jan. 31, 12.91; Apr. 11, 10.98; Oct. 4, 16.13.

SMn-63. L. Charles Willis. Irregular sec. 47, T. 8 S., R. 6 E., 3.5 miles east of Arnaudville. Used drilled stock well, diameter 4 inches, depth 200 feet. Equipped with suction pump. Measuring point, top of 4-inch casing, 2.20 feet above land-surface datum.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Feb. 11	4.05	Apr. 11	0.83	Oct. 4	7.49
Mar. 1	3.25	May 16	.40		

SMn-68. A. R. Fuselier. Irregular sec. 7, T. 11 S., R. 7 E., 3.0 miles southeast of St. Martinville. Used drilled stock and irrigation well, diameter 10 inches, depth 200 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 2.20 feet. Water levels, in feet below land-surface datum, 1944: Feb. 3, 3.43; Mar. 6, 3.17; Apr. 11, 2.97; Oct. 4, 6.12.

SMn-75. Continental Oil Co. Irregular sec. 57, T. 11 S., R. 6 E., 1.5 miles west of St. Martinville. Unused drilled industrial well, diameter 6 inches, depth 204 feet. No pump. Measuring point, top of 6-inch casing, at land-surface datum, which is 13.41 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3	0.73	May 7	1.23	July 26	4.95	Nov. 9	5.00
Mar. 4	.70	June 1	1.35	Oct. 4	4.57	Dec. 9	3.18
Apr. 11	.92	26	3.72				

St. Tammany Parish

St-2 (*886, p. 250; 909, p. 47; 939, p. 32; 947, p. 34; *989, p. 44). Mayer Israel. At Covington, in NE¼ sec. 7, T. 6 S., R. 11 E. Water levels, in feet above land-surface datum, 1944: Apr. 6, 85.5; Nov. 2, 84.9.

St-6 (*886, p. 250; 909, p. 47; 939, p. 32; 947, p. 34; *989, p. 44). Poitevent & Favre Lumber Co. SW¼SW¼ sec. 17, T. 7 S., R. 13 E., on south side of Highway 114. Water levels, in feet above land-surface datum, 1944: Apr. 6, 5.25; Nov. 2, 4.62.

St-10 (*886, p. 250; 909, p. 47; 939, p. 32; 947, p. 34; *989, p. 44). State Fish Hatchery. At Lacombe, in sec. 38, T. 8 S., R. 12 E., south well. Water levels, in feet above land-surface datum, 1944: Apr. 6, 32.4; Nov. 2, 33.6.

St-12 (*886, p. 250; 909, p. 47; 939, p. 32; 947, p. 34; *989, p. 44). Tchefuncte State Park. In park, in sec. 43, T. 8 S., R. 12 E., on golf course. Water levels, in feet above land-surface datum, 1944: Apr. 6, 49.4; Nov. 2, 48.6.

St-16 (*886, p. 250; 909, p. 47; 939, p. 33; 947, p. 34; *989, p. 44). Great Southern Lumber Co. In sec. 20, T. 5 S., R. 13 E., 0.5 mile south and 1.5 miles west of Bush. Water levels, in feet above land-surface datum, 1944: Apr. 5, 29.0; Nov. 2, 29.0.

St-88 (*947, p. 34; *989, p. 44). C. R. Howze. In Slidell, at Teddy Avenue and Eighth Street. Water levels, in feet above land-surface datum, 1944: Apr. 4, 2.0; Nov. 2, 11.6.

St-367 (published erroneously in Water Supply Paper 989 as St-867;) *947, p. 34; *989, p. 44). J. L. Smith. In Covington, at Mississippi and Hancock Streets. Water levels, in feet above land-surface datum, 1944: Apr. 6, 108.5; Nov. 2, 108.0.

St-1020 (*947, p. 34; *989, p. 44). H. D. Howser Estate. NE¼NW¼ sec. 15, T. 7 S., R. 14 E., 0.5 mile east of Highway 58. Measuring point, top of casing, 0.8 foot above land-surface datum. Water levels, in feet above land-surface datum, 1944: Apr. 6, 19.8; Nov. 2, 17.1.

Tangipahoa Parish

Ta-5 (*886, p. 251; 909, p. 47; 939, p. 33; 947, p. 34; *989, p. 44). Southern United Ice Co. In Amite, at rear of lot behind ice plant. Water levels, in feet above land-surface datum, 1944: Apr. 7, 12.1; Nov. 1, 10.2.

Ta-7 (*886, p. 251; 909, p. 47; 939, p. 33; 947, p. 34; *989, p. 44). Town of Ponchatoula. In Ponchatoula, about 50 feet west of pumping station. Water levels, in feet above land-surface datum, 1944: Apr. 7, 7.5; Nov. 1, 7.5.

Ta-8 (*886, p. 251; 909, p. 47; 939, p. 33; 947, p. 34; *989, p. 44). Louisiana Cypress Lumber Co. In Ponchatoula, about 200 yards west of Highway 122, at railroad spur on road to lumber mill. Water levels, in feet above land-surface datum, 1944: Apr. 7, 6.5; Nov. 1, 6.5.

Ta-10 (*886, p. 251; 909, p. 48; 939, p. 33; 947, p. 34; *989, p. 45). Williams Lumber Co. 1 mile south of Ponchatoula, at arch across Highway 122. Water levels, in feet above land-surface datum, 1944: Apr. 7, 24.8; Nov. 1, 19.4.

Ta-17 (*886, p. 251; 909, p. 48; 939, p. 33; 947, p. 35; *989, p. 45). Carl Blumquist. Center of NE¼ sec. 6, T. 6 S., R. 8 E., in field corner. Water levels, in feet above land-surface datum, 1944: Apr. 6, 4.20; Nov. 1, 2.00.

Ta-19 (*886, p. 251; 909, p. 48; 939, p. 33; 947, p. 35; *989, p. 45). V. Stevens. SE¼NE¼ sec. 26, T. 7 S., R. 8 E., in field. Water levels, in feet above land-surface datum, 1944: Apr. 6, 18.6; Nov. 1, 15.1.

Ta-21 (*886, p. 251; 909, p. 48; 939, p. 33; 947, p. 35; *989, p. 45). Burns Davis. N½ irregular sec. 54, T. 7 S., R. 7 E., at shed. Water levels, in feet above land-surface datum, 1944: Apr. 6, 8.8; Nov. 1, 7.0.

Ta-23 (*886, p. 251; 909, p. 48; 939, p. 33; 947, p. 35; *989, p. 45). Otto Bignor. South line of sec. 50, T. 7 S., R. 7 E., in field. Water levels, in feet above land-surface datum, 1944: Apr. 7, 5.0; Nov. 1, 2.7.

Ta-24 (*886, p. 251; 909, p. 48; 939, p. 33; 947, p. 35; *989, p. 45). Clyde Starkey. Center of sec. 53, T. 7 S., R. 7 E., in field. Water levels, in feet above land-surface datum, 1944: Apr. 7, 6.6; Nov. 1, 4.3.

Vermilion Parish

Ve-6. City of Abbeville well 5. In Abbeville, at waterworks. Used drilled public-supply well, diameter 7 inches, depth 210 feet. Equipped with turbine pump. Measuring point, lower lip of gravel induction pipe, level with concrete floor, at land-surface datum. Water levels, in feet below land-surface datum, 1944: Feb. 15, 7.69; Apr. 11, 6.10.

Ve-22. Maurice Ginning Co. NW¼NE¼ sec. 11, T. 11 S., R. 3 E., in Maurice. Used drilled industrial well, diameter 12 inches, depth 300 feet. Equipped with suction pump. Measuring point, top of lower side of discharge pipe, 1.10 feet above land-surface datum, which is 22.06 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Feb. 18, 15.94; Apr. 11, 14.40; June 8, 17.30; Oct. 6, 20.21.

Ve-28. U. S. Army Engineer Corps, New Orleans District. At Vermilion Locks on Intracoastal Canal. Used drilled public-supply well, diameter 2 inches, depth 260 feet. Equipped with suction pump. Measuring point, top of 2-inch casing, 1.8 feet above land-surface datum, which is 5.28 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Feb. 21, 1.39; Mar. 3, 1.39; Apr. 11, 1.25; Oct. 5, 3.51.

Ve-41. C. Formen. SW¼NE¼ sec. 1, T. 11 S., R. 2 E. Unused drilled irrigation well, diameter 6 inches, depth 200 to 300 feet, dismantled turbine pump. Measuring point, lowest point on lip of discharge pipe, 1.3 feet above top of pit casing and 3.00 feet above land-surface datum. Water levels, in feet below land-surface datum, 1944: Feb. 24, 20.44; Apr. 11, 19.84; Oct. 5, 17.20

Ve-60. Meaux School. NW¼NE¼ sec. 8, T. 12 S., R. 3 E. Used drilled public-supply well, diameter 4 inches, depth 180 feet. Equipped with suction pump. Measuring point, top of casing, 0.10 foot below land-surface datum. Water levels, in feet below land-surface datum, 1944: Feb. 29, 9.67; Apr. 11, 9.58.

Ve-78. J. F. Noel. Irregular sec. 14, T. 13 S., R. 3 E., 1.5 miles south of Perry. Used drilled irrigation well, diameter 12 inches, depth 295 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 4.70 feet. Water levels, in feet below land-surface datum, 1944: Mar. 9, 5.34; Apr. 11, 5.28; May 11, 5.89; Oct. 6, 8.56.

Ve-97. George Broussard. SE¼SW¼ sec. 14, T. 13 S., R. 2 E. Used drilled irrigation well, diameter 12 inches, depth 300 feet. Equipped with turbine pump. Measuring point, bottom edge of inclined discharge pipe, the distance from measuring point to land-surface datum along pipe being 1.95 feet. Land-surface datum is 8.14 feet above mean Gulf level. Water levels, in feet below land-surface datum, 1944: Mar. 14, 1.09; Apr. 10, 1.30.

Ve-106. H. DuBois. NE¼SE¼ sec. 22, T. 12 S., R. 2 E. Used drilled irrigation well, diameter 6 inches, depth 270 feet. Equipped with turbine pump. Measuring point, top of vertical discharge pipe, at land-surface datum, which is 13.01 feet above mean Gulf level.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 15	8.04	June 8	11.15	July 26	13.92	Nov. 9	13.05
Apr. 11	8.53	26	12.84	Oct. 5	12.98		

Ve-118. Henry High School. NW¼SE¼ sec. 29, T. 13 S., R. 4 E., in Henry. Used drilled public-supply well, diameter 4 to 2 inches, depth 200 to 300 feet. Equipped with suction pump. Measuring point, top of 4-inch casing, at land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 28, 3.98; Oct. 6, 8.49.

Ve-120. Erath Sugar Co. SW¼SW¼ sec. 35, T. 12 S., R. 4 E., in Erath. Unused industrial well, diameter 10 inches, depth 260 feet, dismantled air-lift pump. Measuring point, top of open hexagonal plug in top of casing, 5.50 feet above land-surface datum. Water levels, in feet below land-surface datum, 1944: May 6, 4.67; Oct. 6, 8.20.

Washington Parish

Wa-8. Vertrees Young. N½ irregular sec. 45, T. 3 S., R. 13 E., 0.8 mile from State Highway No. 7, Young's Road, in Pine Shadows Addition, Bogalusa. Used drilled domestic well, diameter 3 inches, depth 675 feet. Measuring point, top of 3-inch collar on horizontal discharge pipe about 20 feet south of well, 0.8 foot above concrete basin curb, which is at land-surface datum. Water levels, in feet above land-surface datum: Feb. 2, 1942, 28.7; May 12, 1943, 26.9; Apr. 5, 1944, 26.6; Nov. 2, 1944, 19.9.

West Baton Rouge Parish

WBR-4 (*989, p. 45). Town of Port Allen. Sec. 66, T. 7 S., R. 12 E. (Erroneously published in Water-Supply Paper 989 as E½ sec. 67, T. 7 S., R. 1 W.) At Port Allen, about 40 feet north of municipal swimming pool.

Water level, in feet above land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	6.6	Mar. 25	13.5	Aug. 22	8.2	Oct. 29	7.9
24	5.9	May 8	12.9	Sept.27	9.2	Nov. 29	8.2
Feb. 20	11.5	June 15	7.8				

WBR-5 (*989, p. 45). Town of Port Allen. Sec. 66, T. 7 S., R. 12 E. (Erroneously published in Water-Supply Paper 989 as E½ sec. 67, T. 7 S., R. 1 W.) At Port Allen, about 20 feet south of reservoir behind pumping plant.

Water level, in feet above land-surface datum, 1944

Jan. 12	30.5	Mar. 25	33.6	Aug. 22	32.8	Oct. 29	31.6
24	33.1	May 8	34.5	Sept.27	31.8	Nov. 29	31.6
Feb. 20	32.7	June 15	33.1				

WBR-10 (*989, p. 46). Poplar Grove Plantation. Sec. 59, T. 7 S., R. 12 E. (Erroneously published in Water-Supply Paper 989 as on east side of sec. 59, T. 6 S., R. 1 W.) South side of pond at sugar mill, 0.25 mile west of State Highway 319, 2 miles north of Port Allen.

Water level, in feet with reference to land-surface datum, 1944

Jan. 24	+9.1	May 8	+9.1	Aug. 22	+0.5	Oct. 29	-3.6
Feb. 20	+14.4	June 15	+1.5	Sept.27	+2.1	Nov. 29	2.6
Mar. 25	+11.4						

OKLAHOMA

By E. W. Reed and C. L. Jacobsen

The observation-well program in Oklahoma was continued in 1944 in cooperation with the Oklahoma Geological Survey and the Oklahoma Agricultural and Mechanical College as part of the investigation of the ground-water resources of the State.

The program was started in the Stillwater Creek Basin in cooperation with Dr. H. J. Harper, head of the Department of Agronomy of the Oklahoma Agricultural and Mechanical College, at Stillwater. Dr. M. J. Plice, also of the Department of Agronomy, has made the measurements since 1940, and continued to do this work in 1944. Since November 1944 weekly measurements have been made in an irrigation well at the Southwestern Cotton Substation, near Tipton, through the courtesy of I. M. Parrott, superintendent. The substation is operated by the Oklahoma Agricultural and Mechanical College and the United States Department of Agriculture. The remainder of the observation-well program was conducted in cooperation with the Oklahoma Geological Survey. It includes measurements of wells in Beaver, Cimarron, and Texas Counties (the Panhandle), begun in 1937; in Cleveland County, begun in 1939; in Blaine, Canadian, Harper, Major, and Woodward Counties (in the North Canadian River Valley), begun in 1940; and in Oklahoma County, begun in 1943.

Brief descriptions of the topography and geology of the parts of the State covered by the well-measurement program and their relation to the ground-water conditions in these areas have been published by the Geological Survey as follows: Stillwater Creek Basin, in Water-Supply Paper 777; the Panhandle, in Water-Supply Papers 840 and 845; Cleveland County, in Water-Supply Papers 886 and 939; North Canadian River Valley, in Water-Supply Paper 909; and Oklahoma County, in Water-Supply Paper 989. The location of the observation wells in Oklahoma is shown in figure 8.

At the beginning of 1944 there were 172 wells in which periodic measurements of the water level were being made; during the year 8 wells were dropped from the program and 10 were added or reinstated, making a

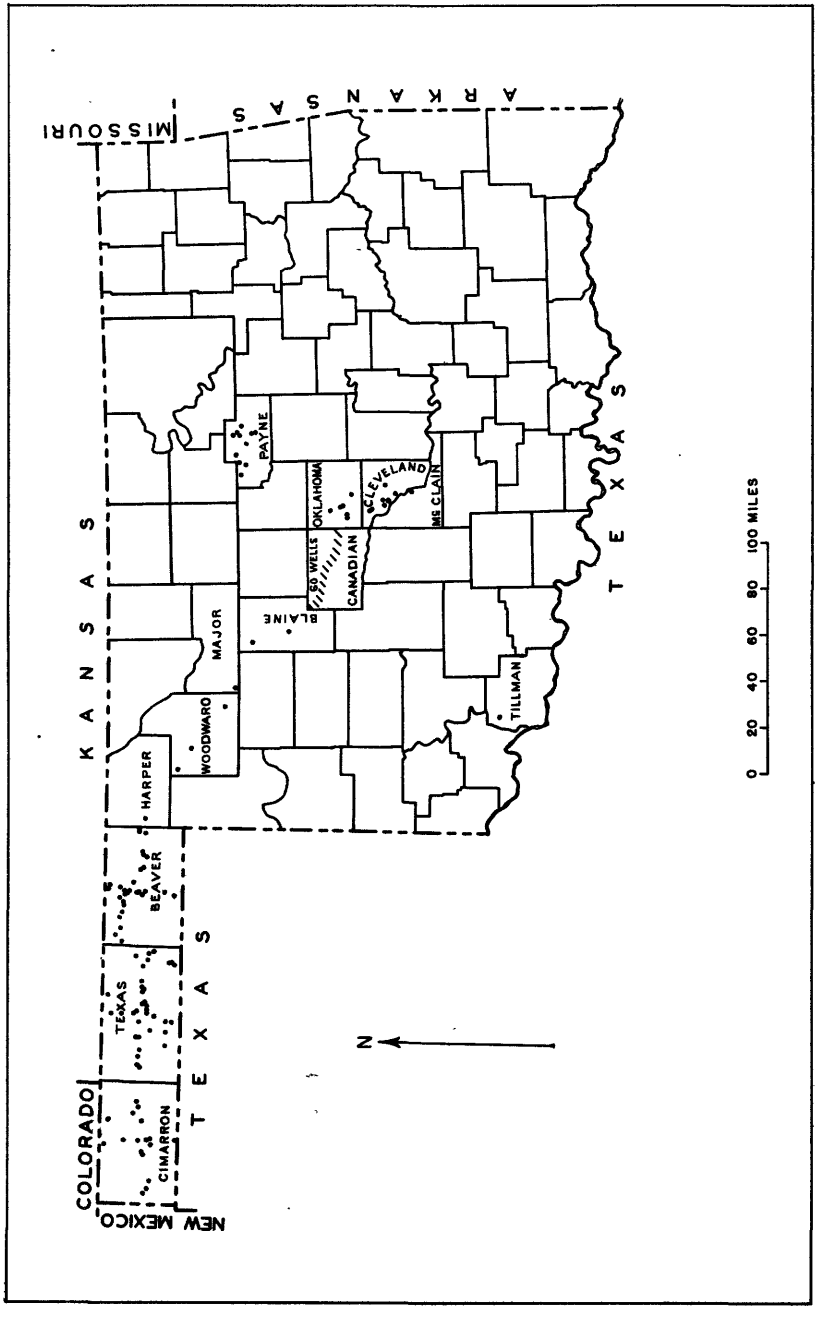

Figure 8.--Map of Oklahoma showing observation wells, 1944.

total of 174 wells in the program at the end of the year. Of these, 131 were measured semiannually, 13 quarterly, 19 monthly, and 9 weekly. In all, 845 water-level measurements were made during the year. In addition, automatic water-stage recorders were maintained on two wells. The following table shows the distribution of the wells and measurements by counties.

Frequency of measurement and number of measurements in observation wells in Oklahoma, by counties, in 1944

County	Number of observation wells					Number of measurements made during year
	Observed semiannually	Observed quarterly	Observed monthly	Observed weekly	Equipped with recorder	
Beaver	27	2	0	1	0	100
Blaine	0	2	0	0	0	8
Canadian	54	4	0	0	0	153
Cimarron	15	0	0	0	0	27
Cleveland	0	0	0	7	1	280
Harper	0	1	0	0	0	4
Major	0	1	0	0	0	4
McClain	0	0	1	0	0	11
Oklahoma	0	0	8	0	1	73
Payne	0	0	10	0	0	120
Texas	35	0	0	0	0	56
Tillman	0	0	0	1	0	8
Woodward	0	3	0	0	0	11

During 1944, the regular program of intensive county-by-county ground-water investigations was greatly slowed because of the press of military, municipal, and industrial problems that continued to arise as a direct outgrowth of the war. The investigation in Canadian County was suspended except for the measurements made in the observation wells and that in Cleveland and Oklahoma Counties was continued only as time was available. However, many studies of local interest were made throughout the State, most of them at the request of municipalities or war agencies. Areas studied included Ottawa County, parts of Seminole, Stephens, and Tillman Counties, and the Enid and Lawton areas. Much of the information obtained in these studies, although not prepared for publication, is available at the office of the Geological Survey in Norman.

During the latter part of the year, under a cooperative agreement between the Water Resources Branch of the Geological Survey and the Oklahoma Planning and Resources Board, work was begun on an investigation of the availability of water for industrial use in Oklahoma, the Norman office being responsible for the ground-water phase of the work. A report entitled "Water facts for Oklahoma," giving a short review of past investigations of the water resources of the State and a proposed program for future investigations was published by the Planning and Resources Board

at the end of the year. A second report, "Oklahoma Water," which summarizes existing knowledge of the quantity and quality of the major sources of both ground and surface water in Oklahoma, is to be published later by the Planning and Resources Board.

PUMPAGE

Panhandle

The amount of water pumped from wells in the Oklahoma Panhandle during 1944 is estimated to be about 1,450 acre-feet, divided as follows: Beaver County, 325 acre-feet, Texas County, 975 acre-feet, and Cimarron County, 150 acre-feet.

Cleveland County

Pumpage from the Garber sandstone in Cleveland County, which in 1943 was estimated to have been three times greater than that of any previous year, was continued in 1944 at a slightly greater rate. More than 80 percent of this pumpage, estimated at about 5 million gallons a day, is concentrated around the city of Norman and has resulted in the formation of a huge cone of depression, the magnitude of which was clearly shown in the water-level report for 1943. The continued heavy withdrawal caused a further decline of water levels in the Norman area during 1944, which, however, was not nearly so great as its decline during 1943, the first full year of heavy pumping.

PRECIPITATION

According to the annual summary of the U. S. Weather Bureau, the average precipitation in Oklahoma for 1944 was 36.45 inches, which is 3.72 inches above the 53-year average and 7.58 inches above the 1943 average.

Precipitation in the Panhandle ranged from 18.50 inches at Kenton to 31.46 inches at Hooker, and the average for six stations was 23.87 inches, which was about 5 inches above normal.

For nine stations along the North Canadian River Valley, from Oklahoma City to Supply, the average precipitation was 31.49 inches, which was 3.7 inches above normal. At individual stations the precipitation ranged from 25.87 inches at Oakwood to 35.72 inches at Oklahoma City.

The precipitation at Norman, Cleveland County, was 34.38 inches, which was more than 1 inch above normal; at Stillwater, in Payne County, it was 31.24 inches, which was 2.59 inches below normal

FLUCTUATIONS OF WATER LEVEL

Panhandle

In the three Panhandle counties--Beaver, Texas, and Cimarron--the year was marked by record high water levels in the wells tapping the Ogallala formation, which is the most productive aquifer in the area. In all three counties the average of the observed water level was higher in October 1944 than the previously recorded highest average; in Texas County it was 0.10 foot higher, and in Cimarron County it was 0.98 foot higher.

The hydrographs that make up figure 9 show the average water level in wells in each of the counties in the Panhandle, and, for each county, the average water level in the wells in each of the aquifers tapped.

In April the average of the water levels in the wells tapping the redbeds of Beaver County reached a new maximum for this group of wells and was 0.10 foot higher than the previous high of April 1943. The October average, however, was 0.77 foot lower. The water level in the one redbed well measured in Texas County has shown a gradual decline from the record high of April 1943, and in October 1944 it was 0.28 foot lower than in April 1943.

The water levels in the shallow wells tapping the alluvium respond rapidly to changes in precipitation, and measurements made in 1944 show corresponding changes in water level. The April measurements were made after a period of above-normal precipitation and were relatively high, whereas the October measurements were made at the end of a dry period and showed a general decline from the April levels.

Because of the relatively large rise of the water levels in the Ogallala formation, the weighted average of water levels of all the observation wells in the Panhandle in October 1944 was 0.35 foot above the previous high, which occurred in April 1943, and 0.46 foot above the average level of October 1943.

The first of the 10 following tables presents for comparison the average of the water levels in October 1943 and in April and October 1944 for each of 8 groups of wells in the Oklahoma Panhandle and the net change in each group from October 1943 to October 1944. The second table shows the weighted average water levels by counties and for the Panhandle as a whole. These tables serve to continue the record of averages given in

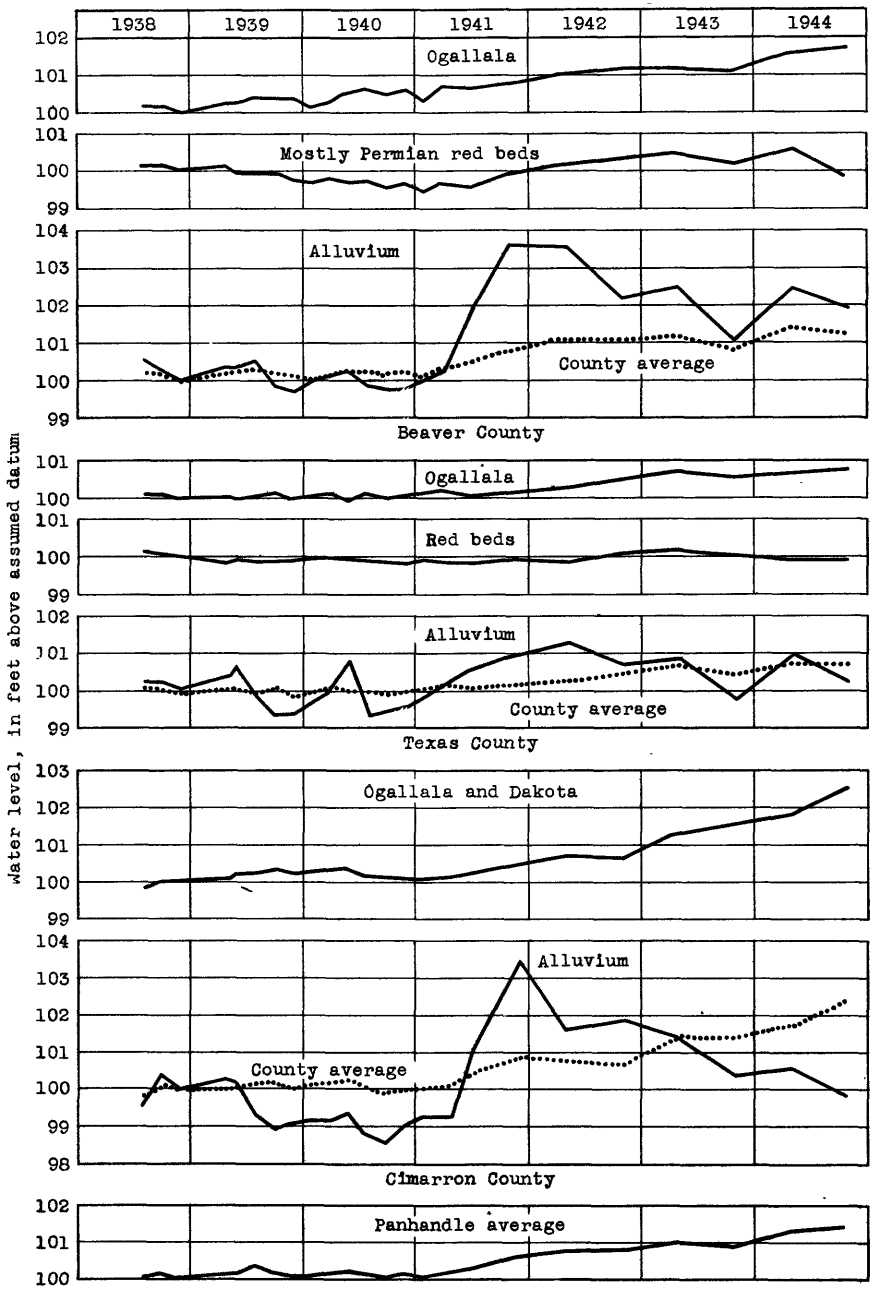

Figure 9.--Graphs showing the average water level, by counties and by aquifers tapped, in wells in the Panhandle counties, Oklahoma.

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similar tables in earlier water-supply papers. An asterisk indicates that the water level is the highest observed during the period of record.

Average of water levels in groups of wells in the Oklahoma Panhandle, in feet above assumed datum planes, 1943-44

Date	Beaver County			Texas County			Cimarron County	
	1	2	3	4	5	6	7	8
Oct. 1943	101.11	100.23	101.03	100.53	100.06	99.76	101.51	100.42
Apr. 1944	101.58	100.58	102.49	100.61	99.94	101.00	101.82	100.52
Oct. 1944	*101.68	99.81	101.91	*100.74	99.91	100.14	*102.49	99.84
Net change	+0.57	-0.42	+0.21	+0.21	-0.15	+0.38	+0.98	-0.58

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

Weighted average of water levels in wells in the Oklahoma Panhandle, by counties, in feet above assumed datum planes, 1943-44

Date	Beaver a/	Texas b/	Cimarron c/	Average d/
Oct. 1943	100.88	100.48	101.40	100.92
Apr. 1944	*101.42	100.62	101.69	101.24
Oct. 1944	101.24	*100.69	*102.22	*101.38
Net change	+0.36	+0.21	+0.82	+0.46

a 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.

b Weighted average, in which upland wells in Ogallala formation represent 93 percent; wells in alluvium, 5 percent; and wells in redbeds (Permian to Jurassic?), 2 percent.

c Weighted average, in which upland wells in Ogallala formation and Dakota sandstone represent 90 percent of the total area and wells in alluvium 10 percent.

d Arithmetical average of the three weighted county averages.

Cleveland County

The observation-well program in Cleveland County, which was begun in 1939, was continued during 1944, and at the end of the year there were eight wells being regularly observed, two of which were added during the year. Seven of the wells are deep artesian wells that tap the "Norman water sand," and the other, Cleveland County well 1, is a shallow dug well on a high terrace of the Canadian River.

The fluctuations of the water level in Cleveland County well 1 reflected the near-normal and evenly distributed precipitation of the year. During the early part of the year it varied little, but in response to the normally heavy spring rains it rose gradually and on June 19 reached a high

of 4.16 feet above its stage at the beginning of the year but 4.91 feet below the record stage of June 1941. From this stage it declined gradually during the summer and reached its lowest stage (4.43 feet below its highest) on September 29. During the remainder of the year the water level rose 0.51 foot, and on December 31 it was 0.24 foot higher than on December 31, 1943.

In Cleveland County well 4, observation of which was resumed in May, the lowest observed stage was 18.25 feet lower than the lowest in 1943. This is in contrast with the decline of 107.37 feet between January 4 and September 1, 1943, when measurements were temporarily discontinued. The water level in well 5, which had declined 18.74 feet during 1943, fluctuated little during the first half of 1944, but in July it began a gradual decline that continued into October, when the minimum stage of the year was reached, which was 3.10 feet below the minimum of 1943. By the end of the year the water level in well 5 had risen 0.42 foot but was 2.93 feet lower than at the beginning of the year. In well 6 fluctuations followed a similar pattern, and at the end of the year the water level was 2.67 feet lower than at the beginning of the year.

The water-level record for well 10, which was added to the observation-well program in 1944, includes a measurement made in April 1940 and also periodic measurements made since November 1, 1942. Measurements made on this well from November 1, 1942, to September 22, 1943, have been made available through the courtesy of the Utilities Department, University of Oklahoma. The record for this well before 1944 is probably typical of that for all the deep wells within the city of Norman. The water level in it declined 54.5 feet between April 1940 and November 1, 1942, and 91.5 feet between November 1, 1942, and September 22, 1943. From September 22 until December 31, 1943, the water level rose approximately 30 feet because of seasonal decreases in pumpage. During 1944 there was a considerable shift in pumpage from the Naval Air Technical Training Center, 1 mile south of the well, to the naval air station about 2 miles north of the well, and, as a result, the water level in well 10 remained above the low stage of 1943. The water level in this well is also affected by changes in pumpage from the nearby university supply wells; in fact, most of the fluctuations can be attributed to changes in nearby pumping.

Oklahoma County

Monthly observation of the three deep wells described in the water-level report for 1943 was continued in 1944, and, in addition, an automatic water-stage recorder was installed on a fourth deep well and measurements were started in 5 shallow wells in the alluvium of the North Canadian River.

The water levels in the deep observation wells generally reflected changes in pumpage. In wells 1, 2, and 3 there was a general rise of water level during the winter and spring, followed by a decline beginning in May. In wells 2 and 3 the water level reached a minimum stage at the end of August and then steadily rose during the remainder of the year. The water level on December 29, 1944, was 0.10 foot below the level of December 31, 1943, in well 2 and 2.74 feet below in well 3. In well 1, however, the decline continued until the end of November, and on December 29 the water level was 12.42 feet below that of December 31, 1943. This greater decline in well 1 is attributed to increased pumpage by the town of Britton, whose supply wells are about 1 mile southwest of the observation well.

Oklahoma County well 4 is an unused well only 27 feet from one of the supply wells for the Oklahoma City Air Depot. The water level in it is influenced by variations in the rate of pumping from the nearby well, but it also reflects the total withdrawal of the air depot and the nearby Douglas Assembly Plant and Midwest City. The first water-level measurement in this well was made January 28, 1944, and from February 3 through the rest of the year an automatic water-stage recorder was maintained on the well. The water level fluctuated widely during the first 5 months of record because of variations in pumping; but in mid-June, when the heavy pumping became constant, it dropped sharply and continued to decline throughout the summer, reaching, on September 10 and 11, a minimum stage of 39.27 feet below the stage of January 28. By the end of the year, owing to a seasonal decrease in pumpage, the water level had recovered 10.94 feet.

The five shallow observation wells are located within the Oklahoma City well field in the alluvium of the North Canadian River Valley. The supply wells in this field have been used to augment the surface-water

supply from Lake Overholser during dry periods. In the fall and winter of 1943-44 more than 3⅛ million gallons a day was pumped from the alluvium, and the 1943 measurements given herein show the effect of this pumpage.

During 1944, the water levels in all the wells followed essentially the same pattern, a rise in July of 0.54 foot to 1.18 feet, despite deficient precipitation, then a slight decline in August and September, during which months the precipitation continued deficient, and a rise during the remainder of the year. On December 29 the water levels were from 1.22 to 1.92 feet above their stages on June 28. However, the water levels in the four wells for which there is a previous record were more than 2 feet lower at the end of 1944 than in September 1942.

North Canadian River Valley

The wells in the North Canadian River Valley are near the river, and consequently their water levels follow closely any changes in stage in the river. The well at Beaver, which is measured weekly, gives a good indication of the general trend of water levels during the year. Because of deficient precipitation during the latter part of 1943, the water level was at a low stage at the beginning of the year. However, during January, February, and March the stream flow was nearly normal and the water level rose slightly. Above-normal precipitation and stream flow during April resulted in a greater rise in water level in this well. The rise continued until May 5 when the highest stage of the year was recorded. The water level then declined until October 7, when it reached its lowest recorded stage of the year, which was 5.79 feet lower than on May 5. During the remainder of the year the water level rose gradually, and on December 27, 1944, it was 0.58 foot higher than on December 31, 1943. In general, the water levels in the other wells conformed to the same pattern, being at a low stage at the beginning of the year, rising to their highest recorded stages in the spring, declining during the summer, and rising again in the autumn. In October 1944 the water levels in these wells were 0.87 foot to 2.49 feet higher than in October 1943.

Canadian County

The observation wells in Canadian County were observed irregularly during 1944. Most of them were measured twice, some of them three times and a few four or more times; hence only general conclusions can be drawn. These wells are all located within the valley of the North Canadian River, but, because most of them are at a considerable distance from the river, the fluctuations of their water levels reflect variations in rainfall rather than variations in stream flow. During the first part of the year the precipitation was above normal and consequently the water levels rose, reaching a peak during a period of high rainfall in June. Few of the wells were measured after June, but, because the precipitation remained near or slightly above normal, it is probable that the water levels remained above the relatively low stages of 1943.

Stillwater Creek Basin

As shown in figures 10 and 11, water levels in the Stillwater Creek Basin in 1944 were lower than in the 2 years preceding but were considerably above the lowest stages recorded. During the first part of the year the precipitation was about normal and the water levels rose. The average water level reached its highest stage of the year at the end of May, when it was 2.18 feet above the level at the end of 1943. During the summer and fall, rainfall was below normal and the water levels declined steadily until the end of October, when the average water level reached the lowest stage of the year, 2.65 feet below the average level in May 1944 and 0.03 foot below the average level in November 1943, which was the lowest stage reached for that year. Rainfall for November and December 1944 was above normal and water levels rose during this period. At the end of the year the average water level was 0.34 foot higher than at the end of 1943.

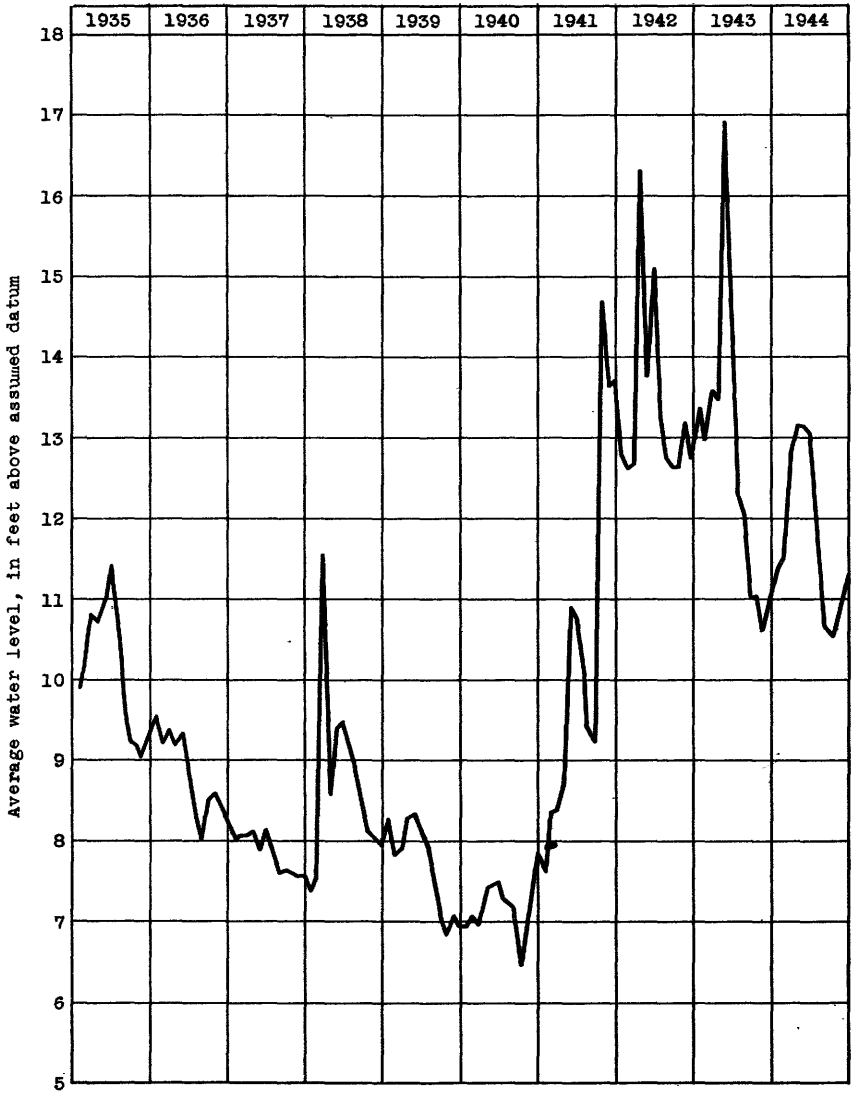

Figure 10.--Graph showing average water level in wells in the Stillwater Creek Basin, Oklahoma.

Although the total precipitation for the year at Stillwater was below normal, the average water level, as above stated, was higher at the end of 1944 than at the end of 1943. This is probably due to the distribution of the precipitation during the year. Most of the precipitation occurred during the winter, early spring, and late fall, at which times the losses

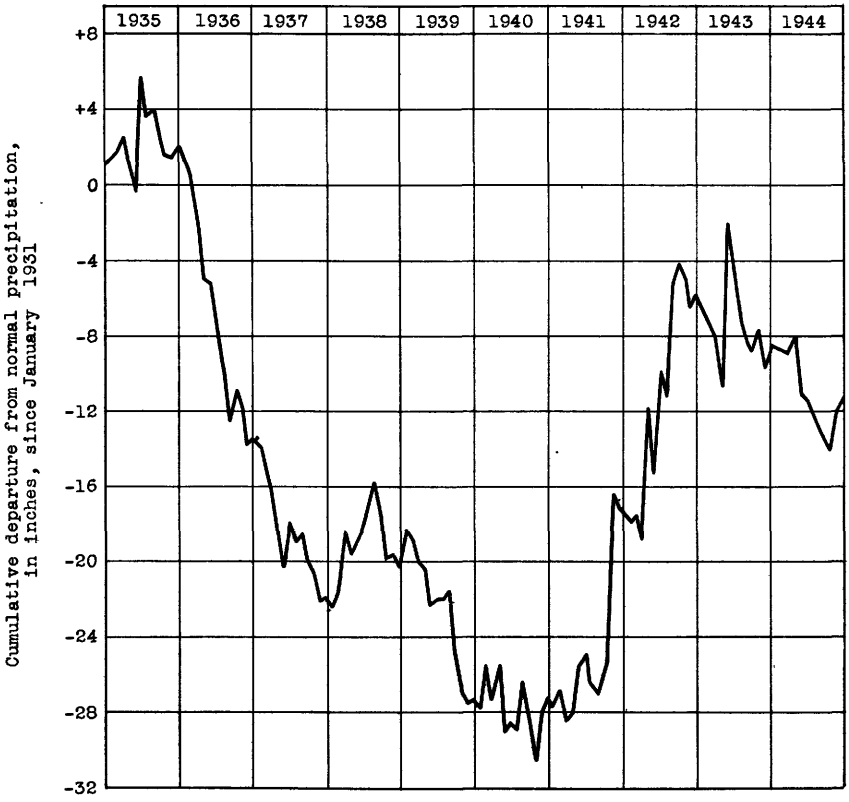

Figure 11.— Graph showing cumulative departure from normal precipitation since January 1, 1931, at Stillwater, Okla.

from transpiration and evaporation are least and the largest percentage of the precipitation reaches the water table. During the hot summer months transpiration and evaporation losses are high, and the percentage of rainfall that reaches the water table is low. Hence, although the total precipitation for the year was below normal, the percentage that reached water table was probably above normal, accounting for the higher water table at the end of the year.

Tillman County

In November 1944 weekly measurements of water level were begun in an irrigation well at the Southwestern Cotton Substation, near Tipton. The well is located in the terrace deposits that cover the western third of Tillman County and border the North Fork of the Red River. These deposits consist of unconsolidated clays, sands, and gravels laid down by the river during Pleistocene time. The coarser sands and gravels appear to be confined to former channels of the river, and the most productive wells are located within these old channels and derive most of their water from the gravels.

The record of water-level measurements in this irrigation well is not long enough to determine the general behavior of its water level, but during the 2 months of record its fluctuations were similar to the fluctuations in the other wells in shallow aquifers; that is, the water level showed a general rise, probably in response to precipitation and the lack of losses from transpiration and evaporation.

WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

Beaver County

62 (*845, p. 391; 886, p. 601; 909, p. 58; 939, p. 46; 947, p. 48; *989, p. 60). Ray D. Hall. SE¼NE¼SE¼ sec. 14, T. 1 N., R. 23 E. No measurements made in 1944.

258 (*845, p. 391; 886, p. 601; *909, p. 59; 939, p. 46; 947, p. 48; *989, p. 60). Frank S. Flynn. NW¼SW¼SW¼ sec. 31, T. 2 N., R. 24 E. Measurements discontinued.

401 (*845, p. 391; 886, p. 601; *909, p. 59; 939, p. 47; 947, p. 48; *989, p. 60). T. T. Yarnold. NE¼NE¼SE¼ sec. 7, T. 3 N., R. 24 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 92.40; Oct. 28, 92.14.

417 (*845, p. 389; 886, p. 596; 909, p. 59; 939, p. 47; 947, p. 48; *989, p. 60). Ralph Ridgeway. SW¼NE¼ sec. 11, T. 3 N., R. 25 E. Original measuring point 0.42 foot above land-surface datum; present measuring point, east edge of casing, 1.70 feet above land-surface datum. Water level, in feet below land-surface datum, 1944: Apr. 20, 11.04.

418 (*845, p. 389; 886, p. 596; 909, p. 59; 939, p. 47; 947, p. 48; *989, p. 60). Nile J. Mosburg. SE¼SW¼SW¼ sec. 12, T. 3 N., R. 25 W. Water levels, in feet below land-surface datum, 1944: Apr. 20, 61.30; Oct. 28, 61.51.

432 (*845, p. 388; 886, p. 596; 909, p. 59; 939, p. 47; 947, p. 48; *989, p. 60). George H. Button. NW¼NE¼NE¼ sec. 10, T. 3 N., R. 26 E. Original measuring point 1.60 feet above land-surface datum; present measuring point, edge of casing, 1.03 feet above land-surface datum. Water level, in feet below land-surface datum, 1944: Apr. 20, 27.77.

433 (*845, p. 388; 886, p. 596; 909, p. 59; 939, p. 47; 947, p. 48; *989, p. 60). Federal Land Bank. NE¼NW¼NW¼ sec. 12, T. 3 N., R. 26 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 39.33; Oct. 28, 39.24.

434 (*845, p. 388; 886, p. 596; 909, p. 59; 939, p. 47; 947, p. 48; *989, p. 60). J. W. Hibbs and others. SW¼NW¼NW¼ sec. 15, T. 3 N., R. 26 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 116.09; Oct. 28, 115.93.

464 (*845, p. 388; 886, p. 596; 909, p. 60; 939, p. 47; 947, p. 49; *989, p. 60). N. W. Johnson. NE¼NE¼NE¼ sec. 9, T. 3 N., R. 28 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 113.25; Oct. 28, 114.11.

518 (*845, p. 391; 886, p. 600; 909, p. 60; 939, p. 47; 947, p. 49; *989, p. 60). Pete Sanders Estate. NE¼SE¼SE¼ sec. 36, T. 4 N., R. 23 E. Water level, in feet below land-surface datum, 1944: Apr. 20, 37.88.

523 (*845, p. 389; 886, p. 597; 909, p. 60; 939, p. 47; 947, p. 49; *989, p. 60). Frances M. Hancock. SW¼SW¼SW¼ sec. 24, T. 4 N., R. 24 E. Water level, in feet below land-surface datum, 1944: Apr. 20, 22.10.

526 (*845, p. 391, 886, p. 600; 909, p. 60; 939, p. 47; 947, p. 49; *989, p. 61). Elmer E. Thompson. SW¼SE¼SW¼ sec. 30, T. 4 N., R. 24 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 43.67; Oct. 28, 43.75.

527 (*845, p. 391; 886, p. 600; 909, p. 60; 939, p. 47; 947, p. 49; *989, p. 61). Mrs. Ellen F. Williams. SW¼NW¼NW¼ sec. 30, T. 4 N., R. 24 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 45.69; Oct. 28, 45.94.

528 (*886, p. 600; 909, p. 60; 939, p. 47; 947, p. 49; *989, p. 61). Southwestern Public Service Co. Formerly owned by Oklahoma Electric & Water Co. NE¼SW¼ sec. 7, T. 4 N., R. 24 E.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8	14.19	Apr. 7	12.63	July 7	12.19	Oct. 7	15.19
15	14.13	15	10.94	15	12.40	12	14.53
20	14.09	21	11.13	23	13.19	20	14.34
28	13.44	28	10.53	28	12.74	27	14.38
Feb. 4	13.38	May 5	9.40	Aug. 4	13.03	Nov. 4	14.30
11	13.28	12	9.69	11	13.19	11	14.21
18	13.17	19	9.69	18	13.48	18	14.24
25	13.09	27	10.38	25	13.74	24	14.32
Mar. 4	13.03	June 2	10.19	Sept.1	14.15	Dec. 6	14.19
10	12.90	9	10.86	9	14.07	14	13.86
17	12.82	15	10.94	16	14.19	20	13.69
24	12.76	23	11.53	22	14.32	27	13.61
29	12.71	30	11.94	28	14.44		

573 (*845, p. 388; 886, p. 595; 909, p. 61; 939, p. 48; 947, p. 49; *989, p. 61). Federal Land Bank, Wichita, Kans. NW¼NW¼NW¼ sec. 34, T. 4 N., R. 28 E. Water level, in feet below land-surface datum, 1944: Apr. 20, 13.82.

576 (*845, p. 390; 886, p. 598; 909, p. 61; 939, p. 48; 947, p. 49; *989, p. 61). J. C. Peters. SE¼SE¼SW¼ sec. 2, T. 5 N., R. 20 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 158.79; Oct. 29, 158.66.

577 (*845, p. 390; 886, p. 598; 909, p. 61; 939, p. 48; 947, p. 49; *989, p. 61). George Loepp. NE¼NE¼SE¼ sec. 19, T. 5 N., R. 20 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 139.52, Oct. 29, 139.31.

591 (*845, p. 390; 886, p. 598; 909, p. 61; 939, p. 48; 947, p. 49; *989, p. 61). A. J. Isaac. SE¼SE¼SE¼ sec. 12, T. 5 N., R. 21 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 191.42; Oct. 29, 191.47.

593 (*845, p. 390; 886, p. 598; 909, p. 61; 939, p. 48; 947, p. 49; *989, p. 61). Ada Allred. SE¼SE¼SE¼ sec. 17, T. 5 N., R. 21 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 171.93; Oct. 29, 171.88.

612 (*939, p. 48; *947, p. 50; *989, p. 61). Clarence Lamaster. SW¼SE¼ sec. 26, T. 4 N., R. 28 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 11.24; Aug. 19, 12.49; Oct. 28, 12.80.

613 (*845, p. 389; 886, p. 597; 909, p. 62; 939, p. 49; 947, p. 50; *989, p. 62). T. J. Trew. SE¼SE¼SE¼ sec. 13, T. 5 N., R. 22 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 64.32; Oct. 28, 64.35.

614 (*845, p. 389; 886, p. 597; 909, p. 62; 939, p. 49; 947, p. 50; *989, p. 62). Mrs. B. W. Lewis. SW¼SE¼SE¼ sec. 14, T. 5 N., R. 22 E. New measuring point, upper edge of west block of wood pipe clamp on south side of pipe, 1.00 foot above land-surface datum. Water level, in feet below land-surface datum, 1944: Apr. 21, 88.99.

617 (*845, p. 390; 886, p. 597; 909, p. 62; 939, p. 49; 947, p. 50; *989, p. 62). Minnie B. Dorman and others. SW¼NE¼NE¼ sec. 20, T. 5 N., R. 22 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 167.97; Oct. 28, 168.07.

631 (*845, p. 389; 886, p. 597; 909, p. 62; 939, p. 49; 947, p. 50; *989, p. 62). George W. Dubois. SE¼SE¼SW¼ sec. 4, T. 5 N., R. 23 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 108.74; Oct. 28, 108.74.

635 (*845, p. 391; 886, p. 599; 909, p. 62; 939, p. 49; 947, p. 50; *989, p. 62). A. E. Shillingburg. NW¼NE¼NW¼ sec. 25, T. 5 N., R. 23 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 59.99; Oct. 28, 59.57.

647 (*845, p. 390; 886, p. 599; 909, p. 62; 939, p. 49; 947, p. 50; *989, p. 62). Gilbert Hodges. SW¼SW¼SW¼ sec. 8, T. 5 N., R. 24 E. Water levels, in feet below land-surface datum. 1944: Apr. 21, 50.72; Oct. 28, 50.43.

648 (*845, p. 390; 886, p. 599; 909, p. 62; 939, p. 49; 947, p. 50 *989, p. 62). John Angleton. SW¼SW¼SW¼ sec. 19, T. 5 N., R. 24 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 4.22; Oct. 28, 5.24.

649 (*845, p. 391; 886, p. 599; 909, p. 62; 939, p. 49; 947, p. 50; *989, p. 62). Arthur Williams. NW¼SW¼SW¼ sec. 30, T. 5 N., R. 24 E. Water levels, in feet below land-surface datum, 1944: Apr. 20, 5.31; Oct. 28, 6.68.

767 (*845, p. 390; 886, p. 599; 909, p. 63; 939, p. 49; 947, p. 50; *989, p. 62). Robert F. LeCrone. SE¼NE¼NE¼ sec. 24, T. 6 N., R. 23 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 67.76; Oct. 28, 66.15.

777 (*845, p. 390; 886, p. 599; 909, p. 63; 939, p. 49; 947, p. 51; *989, p. 62). J. H. Neese. NW¼SW¼SE¼ sec. 20, T. 6 N., R. 24 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 22.16; Oct. 28, 19.74.

Blaine County

1 (*909, p. 63; 939, p. 50; 947, p. 51; *989, p. 63). Oklahoma City Water Department. NE¼ sec. 27, T. 16 N., R. 12 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 5.57; Apr. 18, 4.37; Aug. 19, 6.20; Oct. 27, 5.64.

2 (*909, p. 63; 939, p. 50; 947, p. 51; *989, p. 63). Oklahoma City Water Department. Near NE. corner sec. 9, T. 18 N., R. 13 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 6.20; Apr. 18, 5.08; Aug. 19, 6.78; Oct. 27, 6.05.

Canadian County

1 (*909, p. 63; 939, p. 50; 947, p. 51; *989, p. 63). Oklahoma City Water Department. SW¼SW¼ sec. 4, T. 12 N., R. 5 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 6.39; Mar. 13, 5.66; Mar. 16, 5.17; Apr. 18, 3.78.

2 (*909, p. 64; 939, p. 50; 947, p. 51; *989. p. 63). Oklahoma City Water Department. NW¼ sec. 33, T. 13 N., R. 7 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 25	16.25	Apr. 18	10.37	Aug. 19	13.08
Mar. 13	14.54	June 28	10.45	Oct. 27	12.70

RFC3 (*947, p. 52; *989, p. 63). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 1, T. 13 N., R. 9 W. Well destroyed after Jan. 25 measurement; measurements discontinued. Water level, in feet below land-surface datum, 1944: Jan. 25, 5.21.

RFC4 (*947, p. 53; *989, p. 63). Geological Survey, U. S. Dept. of Interior. NE. corner sec. 17, T. 14 N., R. 10 W.

Water level, in feet below land-surface datum, 1944

Jan. 26	5.78	Apr. 18	4.88	Aug. 19	6.67
Mar. 14	6.41	June 29	6.33	Oct. 27	6.03

5 (*939, p. 51; 947, p. 51; *989, p. 63). Owner unknown. NE¼NE¼ sec. 12, T. 13 N., R. 10 W. Well destroyed after Apr. 18 measurement; measurements discontinued. Water levels, in feet below land-surface datum, 1944: Jan. 25, 19.80; Mar. 14, 20.00; Apr. 18, 19.98.

10 (*947, p. 51; *989, p. 63). Owner unknown. SE¼SW¼ sec. 16, T. 13 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 17.60; June 29, 17.68.

13 (*947, p. 52; *989, p. 63). Owner unknown. NE¼SE¼ sec. 14, T. 13 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 7.87; Mar. 14, 7.45; June 29, 6.48.

82 (*947, p. 52; *989, p. 63). Ryba Jocob. SE¼SE¼NE¼ sec. 3, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 23.65; June 28, 22.84.

85 (*947, p. 52; *989, p. 64). W. L. Towe. NW¼SW¼SW¼ sec. 6, T. 12 N., R. 5 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 14.69; June 28, 12.71.

151 (*947, p. 52; *989, p. 64). Canadian County. NW. corner SW¼ sec. 20, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 11.86; Mar. 14, 11.85; June 29, 10.67.

G1 (*947, p. 53; *989, p. 64). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 29, T. 13 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Jan. 27, 18.70; Mar. 14, 17.89.

G2 (*947, p. 53; *989, p. 64). Geological Survey, U. S. Dept. of Interior. NW. corner sec. 35, T. 13 N., R. 7 W. Water level, in feet below land-surface datum, 1944: Mar. 13, 4.87.

G3 (*947, p. 53; *989, p. 64). Geological Survey, U. S. Dept. of Interior. SE¼SE¼SE¼ sec. 34, T. 13 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 8.01; June 28, 5.30.

G4 (*947, p. 53; *989, p. 64). Geological Survey, U. S. Dept. of Interior. NE. corner sec. 8, T. 13 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 13.86; Mar. 14, 14.04; June 29, 10.86.

G5 (*947, p. 54; *989, p. 64). Geological Survey, U. S. Dept. of Interior. NW. corner sec. 5, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 3.85; June 28, 2.22.

G6 (*947, p. 54, *989, p. 64). Geological Survey. U. S. Dept. of Interior. SE. corner sec. 8, T. 12 N., R. 5 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 27	10.64	Mar. 16	10.40	June 28	6.99
Mar. 13	10.64	24	9.83		

G7 (*947, p. 54; *989, p. 64). Geological Survey, U. S. Dept. of Interior. NW. corner sec. 21, T. 13 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Jan. 27, 14.76; Mar. 13, 14.68; June 28, 15.04.

G8 (*947, p. 54; *989, p. 64). Geological Survey, U. S. Dept. of Interior. SW¼SE¼SW¼ sec. 33, T. 13 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Jan. 27, 14.64; Mar. 13, 15.09; June 28 14.74.

G9 (*947, p. 54; *989, p. 64). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 3, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 9.90; June 28, 7.97.

G10 (*947, p. 54; *989, p. 64). Geological Survey, U. S. Dept. of Interior. NW. corner sec. 15, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 9.56; Mar. 14, 9.46; June 29, 9.20.

G11 (*947, p. 55; *989, p. 64). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 8, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 4.43; Mar. 14, 4.29; June 29, 4.22.

G12 (*947, p. 55; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 17, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 5.92; Mar. 14, 5.96; June 29, 4.89.

G13 (*947, p. 55; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 14, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 5.63; Mar. 14, 5.88; June 29, 5.89.

G14 (*947, p. 55; *989, p. 65). Geological Survey, U. S. Dept. of Interior. 500 feet east of NW. corner sec. 25, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 16.26; Mar. 14, 16.40; June 29, 14.82.

G15 (*947, p. 55; *939, p. 65). Geological Survey, U. S. Dept. of Interior. SE. corner sec. 19, T. 14 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 3.12; Mar. 14, 3.49; June 29 3.65

G16 (*947, p. 55; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SE. corner SW¼SE¼ sec. 28, T. 14 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 15.70; Mar. 14, 15.63; June 29, 13.72.

G17 (*947, p. 56; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SW¼SW¼SW¼ sec. 33, T. 14 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 11.54; Mar. 14, 11.65; June 29, 9.70.

G18 (*947, p. 56, *989, p. 65). Geological Survey, U. S. Dept. of Interior. NW. corner sec. 11, T. 13 N., R. 9 W. Water levels in feet below land-surface datum, 1944: Jan. 26, 20.07; Mar. 14, 20.08; June 29, 18.17.

G19 (*947, p. 56; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 27, T. 13 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 20.03; June 28, 17.79.

G20 (*947, p. 56; *989, p. 65). Geological Survey, U. S. Dept. of Interior. NW. corner SW¼ sec. 12, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 10.77; June 28, 8.48.

G21 (*947, p. 56; *989, p. 65). Geological Survey, U. S. Dept. of Interior. NW. corner SW¼SW¼ sec. 11, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 15.17; June 28, 13.86.

G22 (*947, p. 56; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SW¼SW¼SE¼ sec. 9, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 6.13; June 28, 3.52.

G23 (*947, p. 57; *989, p. 65). Geological Survey, U. S. Dept. of Interior. NE¼NW¼NE¼ sec. 7, T. 12, N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Jan. 27, 9.88; Mar. 13, 9.48; June 28, 7.17.

G24 (*947, p. 57; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SW¼SW¼SW¼ sec. 5, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Jan. 27, 7.29; Mar. 13, 6.94; June 28, 5.17.

G25 (*947, p. 57; *989, p. 65). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 15, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 9.68; Mar. 14, 10.00; June 29, 8.91.

G26 (*947, p. 57; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 13, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 5.98; Mar. 14, 5.81; June 29, 5.21.

G27 (*947, p. 57; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SW. corner NW¼ sec. 36, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 8.51; Mar. 14, 8.34; June 29, 6.30.

G28 (*947, p. 57; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SE. corner sec. 23, T. 13 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 17.15; June 29, 16.30.

G29 (*947, p. 58; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SW. corner SE¼ sec. 10, T. 13 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 6.85; June 29, 5.85.

G30 (*947, p. 58; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 36, T. 14 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 8.09; Mar. 14, 8.18; June 29, 7.29.

G31 (*947, p. 58; *989, p. 66). Geological Survey, U. S. Dept. of Interior. NE¼SE¼SE¼ sec. 34, T. 14 N., R. 10 W. Water level, in feet below land-surface datum, 1944: June 29, 15.88.

G32 (*947, p. 58; *989, p. 66). Geological Survey, U. S. Dept. of Interior. NE. corner NW¼NW¼ sec. 22, T. 13 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 5.87; June 29, 3.55.

G34 (*947, p. 59; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 32, T. 13 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 10.57; June 29, 6.16.

G35 (*947, p. 59; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SW¼NW¼SW¼ sec. 18, T. 12 N., R. 5 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 6.71; June 28, 3.82.

G36 (*947, p. 59; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SW¼SW¼NW¼ sec. 13, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 10.46; June 28, 7.50.

G37 (*947, p. 59; *989, p. 66). Geological Survey, U. S. Dept. of Interior. NE¼SE¼SE¼ sec. 7, T. 12 N., R. 5 W. Water level, in feet below land-surface datum, 1944: Mar. 13, 7.93.

G38 (*947, p. 59; *989, p. 66). Geological Survey, U. S. Dept. of Interior. SE¼NE¼NE¼ sec. 18, T. 12 N., R. 6 W. Water levels, in feet below land-surface datum, 1944: Jan. 27, 6.17; Mar. 13, 6.47; June 28, 4.79.

G40 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. SE. corner sec. 8, T. 13 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 16.55; June 29, 14.00.

G41 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. 150 feet north of the SW. corner sec. 4, T. 13 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 5.71; June 29, 5.30.

G42 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. SE. corner SW¼ sec. 22, T. 13 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 12.52; June 29, 10.67.

G43 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. SW. corner sec. 30, T. 14 N., R. 9 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 6.70; Mar. 14, 6.36.

G44 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. NW. corner sec. 28, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Jan. 26, 15.21; Mar. 14, 14.89; June 29, 13.57.

G45 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. NW. corner sec. 21, T. 14 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 8.00; June 29, 6.12.

G46 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. NE. corner sec. 29, T. 13 N., R. 8 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 13.79; June 29, 13.13.

G47 (*947, p. 60; *989, p. 67). Geological Survey, U. S. Dept. of Interior. NW. corner SW¼SW¼ sec. 27, T. 14 N., R. 10 W. Water levels, in feet below land-surface datum, 1944: Mar. 14, 11.47; June 29, 11.45.

G48 (*947, p. 61; *989, p. 67). Geological Survey, U. S. Dept. of Interior. SE. corner sec. 3, T. 12 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Jan. 27, 14.96; Mar. 13, 14.94; June 28, 12.93.

G49 (*947, p. 61; *989, p. 67). Geological Survey, U. S. Dept. of Interior. NE. corner SE¼SE¼ sec. 11, T. 12 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 18.88; June 28, 17.42.

G50 (*947, p. 61; *989, p. 67). Geological Survey, U. S. Dept. of Interior. SE. corner sec. 1, T. 12 N., R. 7 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 18.50; June 28, 16.11.

G51 (*947, p. 61; *989, p. 67). Geological Survey, U. S. Dept. of Interior. NE. corner sec. 7, T. 12 N., R. 5 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 5.53; June 28, 2.34.

G52 (*947, p. 61; *989, p. 67). Geological Survey, U. S. Dept. of Interior. SW. corner NW¼ sec. 4, T. 12 N., R. 5 W. Water levels, in feet below land-surface datum, 1944: Mar. 13, 8.34; Mar. 16, 8.23; Mar. 24, 6.91; June 28, 4.93.

Cimarron County

66 (*845, p. 394; 886, p. 605; 909, p. 64; 939, p. 52; 947, p. 61; *989, p. 68). C. K. Womack. NW¼SE¼SE¼ sec. 34, T. 1 N., R. 5 E. Water levels, in feet below land-surface datum, 1944: Apr. 26, 76.45; Oct. 31, 77.90.

129 (*886, p. 603; 909, p. 64; 939, p. 52; 947, p. 61; *989, p. 68). George Camilli. NE¼SE¼SE¼ sec. 2, T. 2 N., R. 2 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 165.92; Oct. 31, 165.65.

148 (*845, p. 394; 886, p. 605; 909, p. 65; 939, p. 52; 947, p. 61; *989, p. 68). T. A. Peters. SE¼SE¼SW¼ sec. 5, T. 2 N., R. 5 E. Water levels, in feet below land-surface datum, 1944: Apr. 26, 23.61; Oct. 31, 23.80.

224 (*845, p. 393; 886, p. 603; 909, p. 65; 939, p. 52; 947, p. 61; *989, p. 68). Walter R. Wood. NE¼SE¼SE¼ sec. 15, T. 3 N., R. 1 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 134.38, Oct. 31, 134.02.

237 (*886, p. 603; 909, p. 65; 939, p. 52; 947, p. 62; *989, p. 68). Central Life Assurance Society. NE¼NE¼NE¼ sec. 36, T. 3 N., R. 1 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 58.84; Oct. 31, 58.50.

262 (*845, p. 393; 886, p. 603; 909, p. 65; 939, p. 52; 947, p. 62; *989, p. 68). W. H. and Z. B. Stone. SE¼SE¼SW¼ sec. 12, T. 3 N., R. 4 E. No measurements made in 1944.

263 (*845, p. 393; 886, p. 603; 909, p. 65; 939, p. 52; 947, p. 62; *989, p. 68). John Ohnick, Jr. SE¼SW¼SW¼ sec. 15, T. 3 N., R. 4 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 123.18; Oct. 31, 122.75.

275 (*886, p. 602; 909, p. 65; 939, p. 52; 947, p. 62; *989, p. 68). O. A. Showalter. SW¼NW¼NW¼ sec. 11, T. 3 N., R. 5 E. Water levels in feet below land-surface datum, 1944: Apr. 25, 146.03; Oct. 31, 146.07.

276 (*845, p. 393; 886, p. 603; 909, p. 65; 939, p. 52; 947, p. 62; *989, p. 68). Atchison, Topeka, and Santa Fe Railroad. NW¼SW¼ sec. 14, T. 3 N., R. 5 E. Water level, in feet below land-surface datum, 1944: Apr. 26, 133.26.

313 (*845, p. 392; 886, p. 602; 909, p. 66; 939, p. 52; 947, p. 62; *989, p. 68). E. J. Behrent. NW¼NW¼NW¼ sec. 9, T. 3 N., R. 7 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 43.99; Oct. 30, 43.11.

338 (*845, p. 392; 886, p. 601; 909, p. 66; 939, p. 52; 947, p. 62; *989, p. 69). Federal Land Bank. SW¼SE¼NE¼ sec. 14, T. 3 N., R. 9 E. Measurements discontinued.

387 (*845, p. 394; 886, p. 604; 909, p. 66; 939, p. 52; 947, p. 62; *989, p. 69). F. M. Tudor. SE¼SW¼SE¼ sec. 28, T. 4 N., R. 5 W. Measurements discontinued.

415 (*845, p. 392; 886, p. 602; 909, p. 66; 939, p. 53; 947, p. 62; *989, p. 69). A. E. Buck. NW¼NW¼NW¼ sec. 29, T. 4 N., R. 7 E. Well destroyed after Apr. 25 measurement; measurements discontinued. Water level, in feet below land-surface datum, 1944: Apr. 25, 74.70.

435 (*845, p. 392; 886, p. 601; 909, p. 66; 939, p. 53; 947, p. 62; *989, p. 69). B. J. Wiggins. SW¼SW¼SW¼ sec. 26, T. 4 N., R. 8 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 136.47; Oct. 30, 136.68.

436 (*845, p. 392; 886, p. 601; 909, p. 67; 939, p. 53; 947, p. 62; *989, p. 69). Mrs. S. C. Cantrell. NE¼NE¼NE¼ sec. 32, T. 4 N. 4 N., R. 8 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 150.72; Oct. 30, 150.98.

516 (*886, p. 604; 909, p. 67; 939, p. 53; 947, p. 62; *989, p. 69). State of Oklahoma. SE¼ sec. 34, T. 5 N., R. 5 E. Water levels in feet below land-surface datum, 1944: Apr. 26, 5.04; Nov. 1, 5.84.

528 (*886, p. 605; 909, p. 67; 939, p. 53; 947, p. 62; *989, p. 69). Alliance Insurance Co. NW¼ sec. 4, T. 5 N., R. 7 E. Water level, in feet below land-surface datum, 1944: Apr. 25, 17.33.

610 (*845, p. 393; 886, p. 604; 909, p. 67; 939, p. 53; 947, p. 62; *989, p. 69). A. S. Parker. SW¼NE¼NE¼ sec. 21, T. 6 N., R. 5 E. Water levels, in feet below land-surface datum, 1944: Apr. 26, 28.14; Nov. 1, 28.58.

Cleveland County

1 (*886, p. 614; 909, p. 67; 939, p. 53, *947, p. 63; *989, p. 69). Mrs. Elizabeth E. Taylor. NW¼SW¼ sec. 28, T. 10 N., R. 3 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8	10.01	Mar. 29	9.13	June 19	5.82	Sept. 23	10.24
15	9.97	31	8.91	24	6.82	29	10.25
22	9.76	Apr. 8	9.14	28	7.31	30	10.22
29	9.67	15	9.03	30	7.49	Oct. 7	10.06
31	9.73	18	9.17	July 5	7.74	14	9.92
Feb. 5	9.73	20	9.49	8	7.82	27	10.15
12	10.10	21	9.31	15	8.14	31	10.01
19	10.21	22	9.29	22	8.37	Nov. 4	10.13
26	9.91	30	9.44	28	8.53	11	9.79
29	9.91	May 6	8.67	31	8.56	25	9.60
Mar. 4	9.50	13	9.12	Aug. 11	8.97	29	9.57
11	9.82	18	9.17	18	9.33	30	9.60
16	9.74	26	9.44	19	9.33	Dec. 1	9.66
18	9.30	30	7.03	26	9.46	8	10.20
23	8.96	31	7.04	31	9.62	16	9.30
24	8.82	June 3	7.37	Sept. 2	9.61	23	9.41
25	8.80	9	7.62	8	9.88	29	9.57
27	8.95	10	7.37	16	10.03	31	9.60

4 (*947, p. 63; *989, p. 70). City of Norman. 93 feet north of center line of Daws Street, 150 feet west of Santa Fe Avenue, in city park, Norman.

Water level, in feet below land-surface datum, 1944

May 3	328.53	June 10	349.28	Aug. 19	356.73	Oct. 28	328.13
4	330.22	19	348.20	Sept. 2	356.31	Nov. 4	327.08
5	333.04	24	349.70	9	355.23	25	348.30
6	331.91	30	351.29	16	356.42	Dec. 2	348.72
13	339.13	July 8	351.98	23	346.57	9	348.00
18	344.91	15	354.27	Oct. 2	346.96	16	353.15
26	349.17	22	354.72	16	354.70	23	355.30
31	348.85	29	352.74	25	329.07	30	352.95
June 3	349.27	Aug. 12	355.34				

5 (*947, p. 63; *989, p. 70). M. McAlister. NW. corner SE¼ sec. 30, T. 9 N., R. 1 W. Well equipped with automatic water-stage recorder.

Lowest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June
1	.....	151.23	.....	150.82	151.10	150.70
2	.....	151.13	.....	151.01	151.03	150.66
3	a151.07	151.22	150.99	151.03	151.22	150.57
4	.....	151.19	151.12	150.93	151.27	150.60
5	.....	151.20	151.10	151.00	151.26	150.72
6	.....	151.20	151.17	150.92	151.25	150.80
7	.....	151.15	151.27	150.83	151.16	150.71
8	.....	151.16	151.27	150.80	151.21	150.58
9	.....	151.16	151.23	150.77	151.26	150.63
10	.....	151.28	151.19	150.71	151.31	150.59
11	.....	151.36	151.07	150.89	151.34	150.53
12	.....	.....	151.14	150.97	151.34	150.47
13	.....	.....	151.10	150.91	151.32	.....
14	151.12	.....	151.09	150.74	151.29	.....
15	151.09	.....	151.06	150.93	151.27	.....
16	151.17	.....	150.93	150.99	151.24	150.43
17	151.21	.....	150.92	151.03	151.21	150.45
18	151.19	a151.28	150.86	151.08	151.25	150.49
19	151.17	.....	150.89	151.05	151.26	150.50
20	151.15	.....	150.90	151.01	151.24	150.43
21	151.11	.....	150.91	150.93	151.23	150.42
22	151.18	.....	150.95	150.90	151.18	150.46
23	151.18	.....	150.91	150.98	151.12	150.47
24	151.06	.....	150.79	151.10	151.05	150.49
25	151.10	a150.90	150.84	151.02	151.06	150.47
26	151.10	.....	150.81	151.14	151.08	150.46
27	151.19	.....	150.87	151.25	150.99	150.52
28	151.19	.....	150.89	151.25	150.98	150.62
29	151.18	.....	150.91	151.17	150.93	150.66
30	151.20	.....	150.90	151.09	150.86	150.72
31	151.27	.....	150.80	.....	150.77	.....

Lowest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	150.71	151.75	153.43	154.37	154.37	154.40
2	150.70	151.79	153.45	154.39	154.37	154.40
3	150.77	151.85	153.54	154.35	154.42	154.39
4	150.83	151.90	153.56	154.26	154.46	154.26
5	150.87	152.00	153.56	154.27	154.47	154.14
6	a150.85	152.08	153.64	154.35	154.46	.....
7	.....	152.10	153.71	154.41	154.40	.....
8	.....	152.18	153.74	154.44	154.34	.....
9	.....	152.22	153.74	154.41	154.42	154.11
10	.....	152.26	153.77	154.39	154.44	154.12
11	.....	152.31	153.84	154.38	.....	154.12
12	.....	152.33	153.87	154.39	.....	154.11
13	.....	152.39	153.92	154.36	.....	154.09
14	.....	152.46	153.92	.....	.....	154.09
15	a151.07	152.54	153.95	.....	.....	154.06
16	.....	152.59	154.05	.....	.....	154.06
17	.....	152.71	154.05	.....	.....	154.00
18	.....	152.80	154.08	.....	154.42	154.09
19	.....	152.84	154.09	.....	154.41	154.11
20	.....	152.85	154.11	.....	154.44	154.02
21	.....	152.93	154.20	.....	154.46	154.12
22	151.37	152.97	154.25	154.48	154.46	154.12
23	151.38	153.02	154.31	154.47	154.42	154.04

a Tape measurement.

5. M. McAlister--Continued.

Lowest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
24	151.40	153.07	154.36	154.42	154.38	154.04
25	151.38	153.07	154.36	154.41	154.23	154.13
26	151.41	153.16	154.33	154.50	154.33	154.13
27	151.46	153.27	154.31	154.57	154.34	154.11
28	151.55	153.33	154.31	154.54	154.35	154.12
29	151.58	153.36	154.33	154.47	154.35	154.05
30	151.64	153.28	154.30	154.42	154.40	.....
31	151.69	153.39	.....	154.39	.....	.....

6 (*989, p. 71). C. H. Taylor. SE¼NE¼NW¼ sec. 23, T. 8 N., R. 2 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	124.50	Mar.25	126.07	July 1	126.14	Sept.23	127.34
15	124.74	Apr. 8	126.37	8	126.10	30	127.25
22	125.00	15	126.35	15	126.20	Oct. 7	127.30
29	125.22	22	126.27	22	126.28	14	127.30
Feb. 5	125.27	May 6	126.50	31	126.26	28	127.52
12	125.66	13	126.77	Aug.14	126.56	Nov. 11	127.26
19	125.79	30	126.60	19	126.79	Dec. 2	127.45
26	125.65	June 3	126.51	26	126.87	9	127.18
Mar. 4	125.85	10	126.42	Sept.2	126.95	16	127.29
11	125.90	19	126.28	9	127.08	23	127.27
18	125.88	24	126.07	16	127.21	30	127.17

8 (*989, p. 72). Town of Noble. SE¼SW¼NE¼ sec. 27, T. 8 N., R. 2 W. In southeast corner of town garage at water tower. Influenced by pumpage from Noble public-supply well, 57 feet north of observation well.

Water level, in feet below land-surface datum, 1944

Jan. 1	a188.55	Mar.18	a187.15	July 8	a199.30	Oct. 14	185.31
10	188.35	25	a191.37	15	a213.66	28	a200.07
15	a186.80	Apr. 8	a195.29	22	a202.87	Nov. 4	a191.83
22	a190.65	15	177.48	31	182.96	11	185.77
29	a187.89	22	182.69	Aug.14	191.40	25	a196.98
Feb. 5	a188.14	29	a192.50	19	185.33	Dec. 2	178.88
12	a193.10	May 6	a197.79	Sept.9	a199.89	9	a200.71
19	a184.99	13	a198.33	16	a202.87	16	a202.88
26	182.93	June10	188.57	23	a201.01	23	a196.04
Mar. 4	a191.87	24	a196.71	30	182.36	30	a197.12
11	a186.89	July 1	a195.87	Oct. 7	a202.85		

a Public-supply well, at Noble, pumping.

9 (*989, p. 23). E. G. Johnson. SW¼SE¼ sec. 25, T. 9 N., R. 3 W.

Water level, in feet below land-surface datum, 1944

Jan. 3	204.19	Mar.11	205.64	July22	208.85	Oct. 7	210.77
8	204.43	18	205.56	31	209.02	14	210.97
15	204.42	25	205.79	Aug.19	209.64	28	211.15
22	204.62	Apr. 4	205.91	26	209.82	Nov. 4	211.25
29	204.74	11	206.58	Sept.2	210.02	11	211.12
Feb. 5	204.84	May 6	206.82	9	210.26	25	211.19
12	205.26	13	207.06	16	210.37	Dec. 9	211.07
19	205.35	June 9	207.55	23	211.18	16	211.76
26	205.23	July 8	208.39	30	210.49	30	211.94
Mar. 4	205.50	15	208.70				

10. University of Oklahoma well 2. SE¼NE¼SE¼ sec. 31, T. 9 N., R. 2 W. East of fieldhouse. Unused drilled supply well, diameter 10 to 6 inches, reported depth 650 feet. Measuring point, edge of flange on 4-inch discharge pipe inside aerator, 15.3 feet above land-surface datum.

Water level, in feet below land-surface datum, 1940, 1942-43
(From University of Oklahoma records)

Date	Water level	Date	Water level	Date	Water level
Apr. 1940	a231.5	May 7, 1943	317.0	July 31, 1943	370.0
Nov. 1, 1942	286.0	15	326.0	Aug. 2	370.5
15	286.5	June 1	344.0	5	371.0
Dec.15	293.5	15	353.0	7	371.0
Jan. 2, 1943	300.5	July 1	361.0	11	371.5
15	293.0	11	362.0	16	372.5
Feb. 1	301.0	14	363.5	21	374.0
Mar. 1	304.0	18	365.5	26	374.5
23	308.0	20	366.0	Sept. 6	376.0
Apr. 1	306.0	23	367.5	13	376.5
15	311.5	25	368.5	22	377.5
May 1	325.5	29	369.5	Dec. 31	a347.29

a Measurement by Geological Survey.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan.15	349.83	Apr. 8	356.44	July 8	353.55	Sept.23	357.61
29	349.63	29	359.99	15	354.70	Oct. 2	356.10
Feb. 5	347.96	May 6	354.25	22	355.38	14	355.60
12	346.02	13	346.31	29	351.72	28	358.20
19	348.05	31	341.41	Aug.12	357.55	Nov. 4	352.87
26	349.98	June 3	340.23	19	359.99	25	339.90
Mar. 4	348.05	10	334.68	26	352.45	Dec. 2	346.23
11	353.26	19	341.83	Sept.2	358.36	9	348.08
18	353.80	24	345.54	9	357.03	16	349.50
25	354.49	July 1	350.74	16	357.58	30	335.53

11. Mid-Continent Petroleum Co. NE¼SE¼ sec. 29, T. 10 N., R. 3 W. Tubbs lease. Drilled well, diameter 8 to 7 inches, reported depth 511 feet. Measuring point, north edge of coupling on 8-inch casing, 0.2 foot above land-surface datum.

Water level, in feet below land-surface datum, 1944

Jan.31	156.01	Mar.11	153.98	Apr.17	153.84	July 8	160.95
Feb.12	152.67	25	155.09	May 30	157.13	Dec.23	161.40
29	154.45	Apr. 8	154.07	June24	166.45	29	161.13
Mar. 4	153.85						

Harper County

1 (*909, p. 68; 939, p. 54; 947, p. 64; *989, p. 73). E. W. Johnson. NW¼NW¼NW¼ sec. 18, T. 26 N., R. 25 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 10.95; Apr. 20, 7.38; Aug. 19, 9.72; Oct. 28, 9.98.

McClain County

1 (*989, p. 73). H. A. Perkinson. SW¼SW¼NW¼ sec.22, T. 7 N., R. 2 W.

Water level, in feet below land-surface datum, 1944

Jan.22	84.42	Apr. 29	84.29	Aug. 11	84.46	Oct.28	84.70
Feb.26	84.23	May 30	84.14	26	84.56	Nov.28	84.34
Mar.25	84.10	June 30	84.32	Sept.30	84.58		

Major County

RFM1 (*947, p. 64; *989, p. 73). Geological Survey, U. S. Dept. of Interior. NE¼NE¼ sec. 29, T. 20 N., R. 16 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 7.37; Apr. 18, 6.67; Aug. 18, 8.32; Oct. 27, 7.80.

Oklahoma County

1 (*989, p. 74). Joslyn Production Co. SE¼NW¼NW¼ sec. 29, T. 13 N., R. 3 W.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6	160.59	Apr. 21	155.14	July 28	161.06	Oct. 26	172.40
Feb. 7	158.35	27	155.20	Aug. 31	168.82	Nov. 27	173.94
29	157.35	May 30	154.76	Sept.29	172.12	Dec. 29	173.71
Mar. 30	156.05	June 28	155.52				

2 (*989, p. 74). Sunray Oil Co. NW¼SW¼ sec. 23, T. 12 N., R. 3 W. Avey lease, 28th Street and Lindsay Avenue, Oklahoma City.

Water level, in feet below land-surface datum, 1944

Jan. 27	185.60	Apr. 28	179.55	July 28	197.62	Oct. 26	193.70
Feb. 29	184.10	May 30	180.54	Aug. 31	200.55	Nov. 27	191.81
Mar. 30	181.00	June 28	192.04	Sept.28	199.67	Dec. 29	188.30

3 (*989, p. 74). Skelly Oil Co. SW¼NW¼ sec. 26, T. 12 N., R. 3 W. East Heights lease, 18th Street and N. Lottie Avenue, Oklahoma City.

Water level, in feet below land-surface datum, 1944

Jan. 27	201.28	Apr. 28	194.42	July 28	226.26	Oct. 26	210.24
Feb. 29	199.90	May 30	206.50	Aug. 31	227.98	Nov. 27	207.79
Mar. 30	195.87	June 28	228.90	Sept.28	226.88	Dec. 29	204.94

4. Owner's well 10. Oklahoma City Air Depot, U. S. Army. NW¼SW¼NW¼ sec. 11, T. 11 N., R. 2 W. Unused drilled well, diameter 10 inches, depth 703 feet. Measuring point, east edge of casing, 0.60 foot above land-surface datum. Probable aquifer, Garber sandstone and Wellington formation. Water level affected by pumpage from owner's well 10-A, 27 feet north of observation well. Automatic water-stage recorder maintained on well beginning Feb. 3.

Lowest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June
1	.....	.....	157.20	.....	167.17	169.66
2	.....	.....	157.22	.....	166.83	169.77
3	.....	155.88	157.25	.....	166.69	169.77
4	.....	155.95	157.33	.....	166.67	169.58
5	.....	157.88	157.25	167.07	166.67	169.89
6	.....	157.92	157.41	166.11	166.54	169.89
7	.....	157.87	157.72	165.26	166.45	170.63
8	.....	157.84	157.78	164.71	166.77	170.63
9	.....	.....	157.85	164.18	.....	170.32
10	.....	.....	157.82	.....	167.72	170.16
11	.....	.....	157.70	163.68	167.75	169.89
12	.....	.....	157.88	.....	168.52	169.71
13	.....	.....	157.87	a171.85	169.11	171.24
14	.....	a156.76	157.84	.....	169.11	180.25
15	.....	.....	157.75	.....	169.12	181.90
16	.....	.....	157.47	.....	169.12	182.52
17	.....	.....	157.27	.....	169.26	182.18
18	.....	.....	157.04	.....	169.80	181.63
19	.....	.....	157.05	.....	170.46	181.51

a Tape measurement.

4. Oklahoma City Air Depot, U. S. Army--Continued.

Lowest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June
20	.....	.....	156.89	a168.02	170.46	181.33
21	.....	a156.62	.....	167.63	169.97	181.45
22	.....	156.66	159.16	166.73	169.68	181.61
23	.....	156.66	158.93	166.04	169.70	181.78
24	.....	156.54	160.08	165.84	169.70	181.92
25	.....	156.39	.....	.....	170.07	182.06
26	.....	156.38	.....	166.25	170.33	182.27
27	.....	156.50	.....	174.75	170.33	182.53
28	a155.02	156.93	.....	174.97	169.87	182.76
29	.....	157.15	.....	169.14	169.57	182.93
30	.....	.....	170.62	167.71	169.82	182.98
31	.....	.....	.....	.....	169.80	.....

Lowest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	182.94	186.95	193.62	188.87	190.42	189.21
2	182.92	186.92	193.65	191.12	190.69	188.93
3	182.83	187.00	193.99	190.15	190.78	191.35
4	182.63	187.33	194.06	192.56	190.86	192.19
5	182.65	.....	193.80	192.87	192.89	191.63
6	.....	.....	193.76	192.82	193.34	190.63
7	.....	.....	193.92	192.46	193.09	189.87
8	.....	.....	194.07	192.51	192.04	189.63
9	.....	.....	194.14	190.60	191.64	189.20
10	.....	.....	194.29	189.34	.....	189.01
11	.....	188.08	194.29	189.38	.....	186.88
12	a183.28	188.11	193.70	189.38	.....	185.47
13	.....	187.90	193.81	189.30	.....	186.34
14	a181.48	187.71	193.82	189.14	.....	186.83
15	.....	187.96	193.86	189.19	.....	185.25
16	.....	188.13	194.05	190.64	.....	183.90
17	.....	188.86	194.17	191.33	.....	182.82
18	.....	189.35	194.23	191.68	a192.69	182.42
19	.....	189.90	194.27	192.06	192.42	181.99
20	.....	190.05	194.27	191.74	191.86	185.86
21	184.14	190.96	193.22	192.43	192.30	186.06
22	184.45	191.77	193.14	192.76	190.98	186.26
23	184.49	192.40	193.74	192.90	190.26	186.34
24	184.35	193.03	192.66	192.83	190.18	186.34
25	186.87	193.47	193.48	192.72	189.96	186.34
26	186.88	194.00	193.47	193.05	189.96	186.92
27	186.75	194.25	192.38	192.98	191.11	186.91
28	186.79	194.24	191.87	192.10	190.80	184.70
29	186.97	194.08	190.55	191.40	190.08	185.60
30	187.09	194.01	189.61	190.10	189.24	185.80
31	187.07	194.11	.....	190.13	.....	183.30

a Tape measurement.

5. Oklahoma City Water Department well 5-1, SW¼SW¼SW¼ sec. 32, T. 12 N., R. 3 W. North of Reno Street, 30 feet east of Oklahoma City well 5, and 105 feet east of Pennsylvania Avenue, Oklahoma City. Drilled well, diameter 2 inches, depth 35.9 feet. Measuring point, top of 2-inch casing, 1.80 feet above land-surface datum. Aquifer is alluvium of North Canadian River Valley.

5. Oklahoma City Water Department--Continued.

Water level, in feet below land-surface datum, 1942-44

Date	Water level	Date	Water level	Date	Water level
Sept.17, 1942	6.99	June 28, 1944	10.42	Oct. 26, 1944	9.86
22	6.58	July 28	9.88	Nov. 29	9.52
Nov. 25, 1943	a 20.56	Aug. 31	10.06	Dec. 29	9.20
30	a 18.45	Sept.29	10.14		

a Well 5 pumping.

6. Oklahoma City Water Department well 5-2. SW¼SW¼SW¼ sec. 32, T. 12 N., R. 3 W. North of Reno Street, 70 feet east of Oklahoma City well 5, and 145 feet east of Pennsylvania Avenue, Oklahoma City. Drilled well, diameter 2 inches, depth 38.4 feet. Measuring point, top of 2-inch casing, 0.9 foot above land-surface datum. Aquifer is alluvium of North Canadian River Valley.

Water level, in feet below land-surface datum, 1942-44

Sept.17, 1942	7.11	June 28, 1944	10.97	Oct. 26, 1944	9.98
22	6.72	July 28	10.22	Nov. 29	9.51
Nov. 25, 1943	a 18.43	Aug. 31	10.24	Dec. 29	9.15
30	a 18.59	Sept.29	10.24		

a Well 5 pumping.

7. Oklahoma City Water Department well 5-3. SW¼SW¼SW¼ sec. 32, T. 12 N., R. 3 W. North of Reno Street, 120 feet east of Oklahoma City well 5, and 195 feet east of Pennsylvania Avenue, Oklahoma City. Drilled well, diameter 2 inches, depth 35.0 feet. Measuring point, top of 2-inch casing, 0.8 foot above land-surface datum. Aquifer is alluvium of North Canadian River Valley.

Water level, in feet below land-surface datum, 1942-44

Sept.17, 1942	7.10	June 28, 1944	10.82	Oct. 26, 1944	9.94
22	6.72	Jul. 28	10.13	Nov. 29	9.59
Nov. 25, 1943	a 18.32	Aug. 31	10.20	Dec. 29	9.18
30	a 18.52	Sept.29	10.23		

a Well 5 pumping.

8. Oklahoma City Water Department well 5-4. SW¼SW¼SW¼ sec. 32, T. 12 N., R. 3 W. North of Reno Street, 20 feet west of Oklahoma City well 5, and 55 feet east of Pennsylvania Avenue, Oklahoma City. Drilled well, diameter 2 inches, depth 39.4 feet. Measuring point, top of 2-inch casing, 0.5 foot above land-surface datum. Aquifer is alluvium of North Canadian River Valley.

Water level, in feet below land-surface datum, 1942-44

Sept.17, 1942	7.01	June 28, 1944	10.43	Oct. 26, 1944	9.76
22	6.62	July 28	9.89	Nov. 29	9.36
Nov. 25, 1943	a 21.41	Aug. 31	9.98	Dec. 29	9.05
30	a 21.51	Sept.29	10.02		

a Well 5 pumping.

9. Oklahoma City Water Department well 26-3. SE. corner sec. 36, T. 12 N., R. 4 S. Northwest corner of intersection of Reno Street and May Avenue. Drilled well, diameter 2 inches, depth 34.8 feet. Measuring point, top of 2-inch casing, 0.5 foot above land-surface datum. Aquifer is alluvium of North Canadian River Valley.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 28	8.55	Aug. 31	7.39	Oct. 26	7.28	Dec. 29	6.63
July 28	7.37	Sept.29	7.41	Nov. 29	7.05		

Payne County

Stillwater Creek area

1 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 64; *989, p. 74). Unknown oil company. SW¼ sec. 15, T. 19 N., R. 4 E.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	4.63	Apr. 26	1.85	July 27	4.58	Oct. 28	5.12
Feb. 26	3.76	May 26	2.60	Aug. 26	5.80	Nov. 27	4.75
Mar. 25	2.10	June 27	3.50	Sept.26	5.57	Dec. 26	4.20

2 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 64; *989, p. 74). J. F. Gilchrist. NW¼ sec. 36, T. 20 N., R. 3 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	5.73	Apr. 26	4.65	July 27	5.95	Oct. 28	6.80
Feb. 26	5.55	May 26	5.00	Aug. 26	6.45	Nov. 27	6.65
Mar. 25	4.55	June 27	5.40	Sept.26	6.80	Dec. 26	6.00

3 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 64; *989, p. 74). V. D. Hesser. NW¼ sec. 23, T. 20 N., R. 3 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	8.75	Apr. 26	6.10	July 27	6.85	Oct. 28	9.55
Feb. 26	8.80	May 26	6.15	Aug. 26	8.40	Nov. 27	9.22
Mar. 25	7.10	June 27	5.83	Sept.26	9.33	Dec. 26	9.40

4 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 64; *989, p. 75). W. O. Snyder. NW¼ sec. 2, T. 19 N., R. 3 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	19.85	Apr. 26	18.20	July 27	17.57	Oct. 28	19.75
Feb. 26	19.60	May 26	16.70	Aug. 26	18.52	Nov. 27	19.70
Mar. 25	19.22	June 27	16.30	Sept.26	19.45	Dec. 26	19.22

7 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 65; *989, p. 75). Charles Focht. NW¼ sec. 20, T. 19 N., R. 3 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	16.35	Apr. 26	14.64	July 27	14.15	Oct. 28	17.75
Feb. 26	16.22	May 26	14.45	Aug. 26	15.33	Nov. 27	17.04
Mar. 25	15.36	June 27	13.47	Sept.26	16.83	Dec. 26	16.68

9 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 65; *989, p. 75). Owner unknown. SW¼ sec. 21, T. 20 N., R. 2 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	20.10	Apr. 26	19.00	July 27	19.23	Oct. 28	20.60
Feb. 26	20.60	May 26	17.77	Aug. 26	19.88	Nov. 27	19.68
Mar. 25	20.47	June 27	18.16	Sept. 26	20.88	Dec. 26	18.35

13 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613, 909, p. 70; 939, p. 55; 947, p. 65; *989, p. 75). Erma T. Pool. SW¼ sec. 23, T. 19 N., R. 1 W.

13. Erma T. Pool--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	23.75	Apr. 26	24.05	July 27	23.25	Oct. 28	23.64
Feb. 26	24.38	May 26	23.70	Aug. 26	23.35	Nov. 27	23.24
Mar. 25	23.65	June 27	23.44	Sept.26	23.35	Dec. 26	23.58

15 (*777, p. 141; *817, p. 232; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 65; *989, p. 75). Lovell Bros. NE¼ sec. 35, T. 19 N., R. 3 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	33.90	Apr. 26	33.40	July 27	33.60	Oct. 28	34.70
Feb. 26	34.48	May 26	33.10	Aug. 26	33.99	Nov. 27	34.12
Mar. 25	33.25	June 27	33.25	Sept.26	34.22	Dec. 26	34.35

16 (*817, p. 141; 845, p. 401; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 65; *989, p. 75). W. K. Hartman. SW¼ sec. 12, T. 18 N., R. 3 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	14.18	Apr. 26	12.72	July 27	14.30	Oct. 28	16.75
Feb. 26	14.08	May 26	11.70	Aug. 26	15.45	Nov. 27	16.72
Mar. 25	13.43	June 27	11.35	Sept.26	16.60	Dec. 26	16.15

17 (*777, p. 141; *817, p. 232; 845, p. 402; 886, p. 613; 909, p. 70; 939, p. 55; 947, p. 65; *989, p. 76). R. J. Haskett. NE¼ sec. 12. T. 19 N., R. 1 E.

Water level, in feet below land-surface datum, 1944

Jan. 26	5.70	Apr. 26	1.55	July 27	5.80	Oct. 28	8.25
Feb. 26	4.65	May 26	2.65	Aug. 26	7.73	Nov. 27	7.28
Mar. 25	2.45	June 27	3.78	Sept.26	8.72	Dec. 26	5.65

Texas County

40 (*840, p. 331; 845, p. 395; 886, p. 607; 909, p. 70; 939, p. 56; 947, p. 66; *989, p. 76). August Lorenz. NE¼NW¼ sec. 6, T. 3 N., R. 17 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 90.48; Oct. 29, 89.90.

85 (*840, p. 332; 845, p. 397; 886, p. 609; 909, p. 71; 939, p. 56; 947, p. 66; 989, p. 76). George Dean. SE¼SE¼ sec. 34, T. 4 N., R. 11 E. Measuring point, southeast edge of casing, 1.20 feet above land-surface datum. Water levels, in feet below land-surface datum, 1944: Apr. 25, 40.97; Oct. 29, 40.24.

120 (*840, p. 332; 845, p. 397; 886, p. 609; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). Joe Gribble. NE¼NE¼ sec. 2, T. 5 N., R. 14 E. Water level, in feet below land-surface datum, 1944: Apr. 24, 195.48.

125 (*886, p. 611; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). J. Donald Hughes. SW¼SE¼SW¼ sec. 13, T. 1 N., R. 18 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 7.39; Oct. 29, 8.57.

130 (*886, p. 611; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). Robert Johnson. SE¼NW¼ sec. 7, T. 1 N., R. 17 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 6.68; Oct. 29, 7.56.

138 (*886, p. 611; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). Joe Sutton. SW¼SE¼ sec. 6, T. 1 N., R. 19 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 8.62; Oct. 29, 10.17.

167 (*845, p. 389; 886, p. 611; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). Owner unknown. SW¼SE¼SE¼ sec. 34, T. 2 N., R. 12 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 189.79; Oct. 30, 189.74.

176 (*840, p. 333; 845, p. 398; 886, p. 610; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). W. N. Ballinger. SW¼SW¼ sec. 18, T. 3 N., R. 15 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 5.05; Oct. 30, 5.82.

182 (*845, p. 399; 886, p. 611; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). Panhandle Agricultural and Mechanical College. NE¼NE¼SE¼ sec. 34, T. 2 N., R. 13 E. Water levels, in feet below land-surface datum, 1944: Apr. 21, 137.98; Oct. 30, 139.26.

187 (*840, p. 331; 845, p. 396; 886, p. 607; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). John Gill. SE¼NW¼ sec. 12, T. 3 N., R. 15 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 1.24; Oct. 29, 2.89.

188 (*886, p. 610; 909, p. 71; 939, p. 56; 947, p. 66; *989, p. 76). Kuhn Bros. NW¼ sec. 1, T. 2 N., R. 14 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 123.02; Oct. 29, 122.36.

270 (*845, p. 397; 887, p. 609; 909, p. 71; 939, p. 57; 947, p. 66; *989, p. 76). Owner unknown. NW¼SW¼ sec. 7, T. 3 N., R. 11 E. No measurements made in 1944.

281 (*947, p. 67; *989, p. 77). Lester Sparks. NW¼NW¼NE¼ sec. 5, T. 3 N., R. 11 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 88.69; Oct. 30, 89.40.

284 (*886, p. 608; 909, p. 71; 939, p. 57; 947, p. 67; *989, p. 77). Paul Spradlin. NE¼NE¼NE¼ sec. 5, T. 3 N., R. 12 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 101.43; Oct. 30, 101.25.

294 (*845, p. 396; 886, p. 608; 909, p. 72; 939, p. 57; 947, p. 67; *989, p. 77). Stonebraker-Zea Ranch. NW¼NW¼ sec. 25, T. 3 N., R. 13 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 42.17; Oct. 29, 42.20.

295 (*840, p. 331; 845, p. 396; 886, p. 607; 909, p. 72; 939, p. 57; 947, p. 67; *989, p. 77). E. O. Hobson. SW¼NW¼ sec. 14, T. 3 N., R. 15 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 7.38; Oct. 29, 8.57.

308 (*886, p. 608; 909, p. 72; 939, p. 57; 947, p. 67; *989, p. 77). Charles Reust. SE¼SE¼SE¼ sec. 5, T. 3 N., R. 14 E. Water level, in feet below land-surface datum, 1944: Apr. 25, 68.43.

323 (*845, p. 396; 886, p. 607; 909, p. 72; 939, p. 57; 947, p. 67; *989, p. 77). Mrs. Bostwick. SW¼SE¼ sec. 1, T. 3 N., R. 16 E. Water level, in feet below land-surface datum, 1944: Apr. 22, 21.75.

325 (*845, p. 396; 886, p. 607; 909, p. 72; 939, p. 57; 947, p. 67; *989, p. 77). Florence B. Ensten. NW¼NW¼ sec. 2, T. 3 N., R. 16 E. No measurements made in 1944.

332 (*840, p. 332; 845, p. 396; 886, p. 607; 909, p. 72; 939, p. 57; 947, p. 67; *989, p. 77). Owner unknown. SW¼SE¼ sec. 17, T. 3 N., R. 15 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 54.36; Oct. 30, 65.56.

350 (*840, p. 331; 845, p. 396; 886, p. 607; 909, p. 72; 939, p. 57; 947, p. 67; *989, p. 77). C. A. Nash. NW¼NW¼ sec. 18, T. 3 N., R. 16 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 5.67.

354 (*840, p. 331; 845, p. 398; 886, p. 609; 909, p. 72; 939, p. 57; *947, p. 67; *989, p. 77). A. M. Fankhouser. Measurements discontinued.

404 (*840, p. 333; 845, p. 399; 886, p. 611; 909, p. 73; 939, p. 57; 947, p. 68; *989, p. 77). Everett J. Ritter. NW¼NE¼ sec. 4, T. 1 N., R. 14 E. Water level, in feet below land-surface datum, 1944: Oct. 30, 165.34.

436 (*845, p. 398; 886, p. 610; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 77). Leo Holtgraver. NE¼NE¼ sec. 24, T. 4 N., R. 14 E. Water level, in feet below land-surface datum, 1944: Oct. 30, 170.59.

446 (*845, p. 398; 886, p. 610; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 78). Owner unknown. NW¼NE¼NW¼ sec. 8, T. 4 N., R. 14 E. No measurements made in 1944.

459 (*840, p. 33; 845, p. 399; 886, p. 611; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 78). Owner unknown. NE¼NW¼ sec. 21, T. 1 N., R. 14 E. Water level, in feet below land-surface datum, 1944: Apr. 21, 64.07.

487 (*845, p. 395; 886, p. 606; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 78). J. E. Friesen. SE¼SE¼ sec. 34, T. 4 N., R. 18 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 98.90; Oct. 29, 99.31.

497 (*845, p. 395; 886, p. 606; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 78). R. M. Van Hyning. NW¼SW¼SW¼ sec. 21, T. 4 N., R. 19 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 102.44; Oct. 29, 102.33.

530 (*840, p. 333; 845, p. 398; 886, p. 609; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 78). Owner unknown. NE¼NE¼ sec. 26, T. 5 N., R. 14 E. Water levels, in feet below land-surface datum, 1944: Apr. 24, 177.15; Oct. 30, 177.03.

551 (*840, p. 332; 845, p. 396; 886, p. 608; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 78). Owner unknown. SW¼SW¼ sec. 19, T. 4 N., R. 13 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 144.16; Oct. 30, 144.05.

552 (*840, p. 332; 845, p. 397; 886, p. 608; 909, p. 73; 939, p. 58; 947, p. 68; *989, p. 78). B. G. Manwarren. NE¼NE¼NE¼ sec. 1, T. 3 N., R. 12 E. Water levels, in feet below land-surface datum, 1944: Apr. 25, 175.10; Oct. 30, 175.17.

589 (*840, p. 331; 845, p. 389; 886, p. 606; 909, p. 73; 939, p. 58; *947, p. 68; *989, p. 78). George Hoferber. NW¼NW¼ sec. 34, T. 4 N., R. 17 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 119.00; Oct. 29, 119.52.

626 (*840, p. 332; 845, p. 397; 886, p. 609; 909, p. 74; 939, p. 58; 947, p. 68; *989, p. 78). John R. McCoy. SW¼NW¼ sec. 27, T. 4 N., R. 10 E. Measurements discontinued.

761 (*840, p. 331; 845, p. 395; 886, p. 606; 909, p. 74; 939, p. 58; 947, p. 68; *989, p. 78). Federal Life Insurance Co., Chicago. NW¼NW¼ sec. 7, T. 3 N., R. 19 E. Water level, in feet below land-surface datum, 1944: Apr. 22, 105.53.

765 (*840, p. 331; 845, p. 395; 886, p. 606; 909, p. 74; 939, p. 59; 947, p. 68; *989, p. 78). O. Jolliffe. SW¼ sec. 26, T. 3 N., R. 19 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 105.09; Oct. 29, 105.32.

770 (*840, p. 331; 845, p. 395; 886, p. 606; 909, p. 74; 939, p. 59; 947, p. 69; *989, p. 78). A. C. DeHart. SW¼NW¼ sec. 15, T. 3 N., R. 19 E. Water levels, in feet below land-surface datum, 1944: Apr. 22, 123.45; Oct. 29, 123.41.

795 (*840, p. 331; 845, p. 395; 886, p. 606; 909, p. 74; 939, p. 74; 947, p. 69; *989, p. 79). Herman Zable. NW¼SW¼ sec. 30. T. 4 N., R. 18 E. Measurements discontinued.

842 (*840, p. 332; 845, p. 397; 886, p. 609; 909, p. 74; 939, p. 59; 947, p. 69; *989, p. 79). C. A. Rahm. NW¼NE¼ sec. 22, T. 6 N., R. 16 E. Water level, in feet below land-surface datum, 1944: Oct. 30, 118.85.

Tillman County

1. Southwestern Cotton Sub-station. NW¼NE¼SE¼ sec. 25, T. 1. S., R. 19 W. Dug well, diameter 20 inches, depth 54.6 feet. Measuring point, top of air-line hole in pump base, 1.00 foot above land-surface datum. Bench mark, square chiseled in northwest corner of concrete pump base, 0.35 foot below measuring point. Well used for irrigation during summer. Aquifer is Pleistocene river terrace.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 9	22.14	Nov. 20	22.36	Dec. 4	22.14	Dec. 18	21.31
16	22.20	27	21.89	11	22.13	25	21.30

Woodward County

1 (*909, p. 74; 939, p. 59; 947, p. 69; *989, p. 79). Oklahoma City Water Department. NE¼NW¼ sec. 8, T. 20 N., R. 17 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 3.76; Apr. 18, 3.39; Aug. 18, 4.43; Oct. 27, 4.00.

2 (*909, p. 75; 939, p. 59; 947, p. 69; *989, p. 79). Oklahoma City Water Department. NE¼NE¼ sec. 25, T. 23 N., R. 21 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 4.04; Apr. 18, 3.30; Aug. 18, 3.17; Oct. 28, 3.94.

3 (*909, p. 75; 939, p. 59; 947, p. 69; *989, p. 79). Western State Hospital, Supply. NE¼NE¼ sec. 16, T. 24 N., R. 22 W. Water levels, in feet below land-surface datum, 1944: Jan. 25, 7.20; Apr. 19, 7.03; Oct. 28, 7.84.

TEXAS

By R. W. Sundstrom

INTRODUCTION

A State-wide investigation of the ground-water resources of Texas has been in progress since 1929 in cooperation with the Texas State Board of Water Engineers. A more or less continuous program of periodical measurements of water levels or artesian pressures in selected observation wells has been carried on since the start of this study and has been expanded from time to time as new projects started. During 1944, 3,323 measurements were made in 869 wells in 40 counties.

PRECIPITATION

For the purpose of summarizing climatological data, the United States Weather Bureau has divided Texas into three parts as follows: Western division, comprising all of the State west of the 101st meridian; middle division, comprising the territory between the 97th and 101st meridians; and the eastern division, comprising the territory east of the 97th meridian.

The average yearly precipitation increases toward the east, most of the western division being arid and most of the eastern division humid or semi-humid, while the middle division lies between the two. However, the yearly precipitation at a given station in any of the three divisions varies within wide limits. For example, in the western part of the State, at El Paso, the average yearly precipitation from 1850 through 1944 amounted to 9.17 inches, but ranged from 21.81 inches in 1856 to 2.22 inches in 1891. In the eastern part of the State, at Bon Wier, the average yearly precipitation from 1914 through 1944 amounted to 56.38 inches, but ranged from 81.92 inches in 1940 to 38.21 inches in 1925. A similar wide range occurs in the middle division.

According to the Weather Bureau's summary for the year, the precipitation was above normal in all three divisions, the average excess amounting to 2.47 inches in the western division, 3.72 inches in the middle

division, and 11.43 inches in the eastern division. In 1943 the precipitation was below normal in all three divisions, the average deficiency amounting to 3.02 inches in the western division, 5.63 inches in the middle division, and 4.36 inches in the eastern division.

SUMMARY OF CHANGES IN WATER LEVELS IN 1944

BALCONES FAULT ZONE

Most of the observation wells in Bexar, Comal, Guadalupe, Hays, Kinney, Travis, Uvalde, Val Verde, and Williamson Counties are in the Balcones fault zone. Most of them draw water from the Edwards limestone, but a few draw from the Austin chalk, and a few from shallow sands and gravels. The ground-water reservoir in the Edwards limestone is the source of the large springs of the fault zone from the vicinity of Comstock, in Val Verde County, eastward through the cities of Del Rio, San Antonio, New Braunfels, and San Marcos to Austin. Some of these springs are among the larger springs of the United States. The combined maximum recorded daily discharge of the seven largest--Goodenough, San Felipe, Las Moras, San Antonio, Comal, San Marcos, and Barton--is more than 1,200,000,000 gallons a day, and their average daily discharge is about 550,000,000 gallons a day. A flowing well in the limestone at San Antonio had a measured daily yield of 23,900,000 gallons on June 16, 1942, and an artesian head of 56 feet above the land surface. The Edwards reservoir also supplies water to irrigation wells in Bexar and Uvalde Counties and to the public and industrial wells in San Antonio and other and smaller cities. Most of the observation wells in the Edwards limestone are artesian, and their water levels rise quickly after heavy rains in the outcrop area.

During 1944 three rounds of water-level measurements were made in most of the observation wells in the Balcones fault zone; one in the spring, another in the summer, and the third in the early part of the winter.

Val Verde County.--In one observation well, drawing from the Edwards limestone, the water level in 1944 was 1.6 feet lower in the spring, 2.5 feet lower in the summer, and 2.5 feet lower in the winter than it was in corresponding seasons in 1943.

Kinney County.--In 7 observation wells, drawing from the Edwards limestone, the water levels in 1944 averaged 5.6 feet higher in the spring

and 3.0 feet higher in the summer than they did in the corresponding seasons of 1943. In the winter of 1944 they averaged about 0.6 foot lower than in the winter of 1943. In 5 observation wells in the Austin chalk, the water levels in 1944 averaged about 0.8 foot higher in the spring, 0.9 foot lower in the summer, and 0.8 foot lower in the winter than they were during corresponding seasons of 1943.

Uvalde County.--In 9 observation wells, drawing from the Edwards limestone, the water levels in 1944 averaged about 5.8 feet lower in spring and 3.2 feet lower in summer than they did in the corresponding seasons of 1943. In the winter the water levels averaged about 2.8 feet higher than in the same season of 1943. In the 3 wells drawing from the Austin chalk, the water levels in 1944 averaged about 1.2 feet higher in the spring, and about 0.1 foot lower in the winter than they did in corresponding seasons of 1943. The summer measurements averaged the same for each season.

Medina County.--In 7 observation wells, drawing from the Edwards limestone, the water levels in 1944 were 7.4 feet lower in the spring, 3.8 feet lower in summer, and 4.9 feet higher in the winter than they were in corresponding seasons of 1943.

Bexar County.--In 7 observation wells, in the Edwards limestone, the water levels averaged 1.1 feet and 0.6 foot lower in the spring and summer, and 5.9 feet higher in the winter of 1944 than they were in corresponding seasons of 1943. Since 1932 an automatic water-stage recorder has been maintained on well 436 at Beverly Lodges Tourist Camp, near San Antonio. In 1944 the water level fluctuated about 10.5 feet, being highest in June and lowest in August.

Comal County.--In 12 observation wells, drawing from the Edwards limestone, the water levels in 1944 averaged 1.0 foot in the spring, 5.1 feet higher in the summer, and 3.0 feet higher in the winter than they did in the corresponding seasons of 1943.

Travis County.--In 14 observation wells, drawing from the Edwards limestone, the water levels in 1944 averaged about 3.4 feet higher in the spring and 8.3 feet higher in the winter than they did during corresponding seasons of 1943.

Williamson County.--In 7 observation wells, drawing from the Edwards limestone, the water levels in 1944 averaged 7.1 feet higher in the spring

and 4.4 feet higher in the winter than they did in corresponding seasons of 1943.

SOUTHWEST TEXAS

Dimmit and Zavala Counties; the Winter Garden district.--Pumping f irrigation on a large scale has been in progress in this area for about 25 years.

All of the irrigation wells draw from the Carrizo sand, which crops out in a belt about 1 to 7 miles wide, extending from the Rio Grande nor ward and northeastward across the northwestern part of Webb County, west ern part of Zavala County, the southern part of Uvalde County, and thenc eastward and northeastward. The sand is about 200 feet thick on the ave age and dips generally to the east or southeast. The belt in which it c be reached at a depth of 1,000 feet or less is about 15 miles wide. Dow the dip in areas of heavy pumping, the water levels showed a persistent net decline between August measurements in 1941 and 1942, in 1942 and 1943, and again in 1943 and 1944. In most of the wells the water levels have now reached a lower level than had been observed in summer measurements since 1929.

The following table gives the average decline in water level in 12 areas that has taken place in the 3-year period from August 1941 to Augu 1944.

Decline in water levels, in feet, in Carrizo sand wells in Dimmit and Zavala Counties

Area	Number of wells observed	Average decli August 1941- August 1944
Outcrop area	6	2.33
La Pryor	2	3.96
Cometa	5	5.00
Crystal City	5	37.70
Winterhaven	3	31.32
Carrizo Springs	2	34.56
Asherton	1	47.37
Catarina	6	18.77
Brundage	1	35.85
Big Wells	1	26.24
Valley Wells	1	11.84
El Cid	1	8.89

SOUTHEAST TEXAS

Wharton County.--Wharton County produces more rice than any other county in Texas, both surface water and ground water being used to irrigate this crop. For the purpose of comparing water levels in wells from year to year, measurements are made in the spring, just before the start

of pumping for rice irrigation. At that time, the irrigation wells have been idle for several months and the water levels in them have made their maximum recovery from the decline caused by pumping in the last season. In the latter part of March 1944, the water levels in 23 observation wells ranged from 2.56 feet higher to 0.92 foot lower than they were in March 1943. On the average they were 0.3 foot higher in 1944.

Jackson County.--The water levels in 25 wells in Jackson County ranged from 1.62 feet lower to 2.02 feet higher and averaged 0.3 foot higher in March 1944 than they were in March 1943.

Matagorda County.--The water levels in 2 observation wells in Matagorda County were 1.51 and 2.15 feet lower in March 1944 than they were in March 1943. In a third well the water level was about the same in 1944 as it was in 1943.

Houston district.--Fluctuations of water levels were observed in three general areas designated as (1) the Houston-Pasadena district, (2) the Katy rice-growing district, and (3) the outcrop area of the water-bearing sands which supply the water used in both the Houston-Pasadena and Katy districts. The outcrop area lies west, northwest and north of Houston in Harris, Fort Bend, Waller, and Montgomery Counties.

In the Houston-Pasadena area, the total average rate of withdrawal from wells was about 106,000,000 gallons a day in 1944, an increase of about 12,000,000 gallons a day over the average rate in 1943. The water levels showed the effect of this increase, an average net decline of 10.3 feet being recorded between the springs of 1943 and 1944 as compared with an average net decline of 8.7 feet between the springs of 1942 and 1943.

In the Katy area, about 32,000 acres was planted to rice in 1944, all of which was irrigated from wells. Approximately 115 wells were operated for this purpose, and it is estimated that about 62,000 acre-feet was pumped from them. The rice acreage was slightly greater than it was in 1943. The water-level measurements are made in the spring just before the start of the rice irrigation season and the measurements, in general, reflect the combined effects of pumping and recharge from rainfall during the preceding year. The water levels in 44 observation wells showed an average net decline of 1.6 feet from the spring of 1943 to the spring of 1944.

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In the outcrop area of the water-bearing sands, the water levels in the water table wells were 5 to 10 feet higher in 1944 than they were in 1939 and 1940, and in a few wells, for which comparative measurements are available, were as high or higher than they were in 1931-34. This indicates that, during the period of record, more water has been contributed to storage in the outcrop area (the ultimate source of the ground-water supply of the Houston-Pasadena and Katy districts) than was withdrawn by movement down the dip toward the pumped area. A proportionately large part of the recharge occurred, however, during the abnormally wet year, November 1940 to October 1941.

Galveston-Alta Loma-Texas City district.--The water levels in observation wells throughout Galveston County have declined persistently for a number of years due to the continued heavy pumping in the industrial areas centering around Texas City and vicinity, and pumping in the Alta Loma well field by the city of Galveston. The water levels throughout the county are now below sea level and in many areas around Texas City and Alta Loma they range from nearly 40 to about 100 feet below sea level. In 1944 the water levels in 14 of 15 observation wells ranged from 1 foot to 19 feet lower than they were in 1943, the average net decline amounting to 7.0 feet.

EAST TEXAS

Angelina and Nacogdoches Counties.--Heavy pumping for a paper mill, which began to operate in 1939 in the vicinity of Lufkin, caused a general decline of the water levels in wells in the Carrizo sand in these two counties which continued through the spring and summer of 1941, the amount of decline varying with the distance of the well from the center of pumping. Because the pumping at the paper mill has been at a nearly constant rate from 1939 to January 1944, the water levels in wells not too remote from the center of heavy pumping reached essential equilibrium. In January 1944 the pumpage at the paper mill was increased from about 4,500,000 to about 9,500,000 gallons a day. As a result, the water levels in wells in the Carrizo sand declined in 1944, the amount of decline ranging from about 1 foot to about 60 feet, depending upon the distance from the paper mill wells.

HIGH PLAINS

The High Plains in Texas occupy an area of about 35,000 square miles, which extends from the northern boundary of the Panhandle southward about 300 miles and from the Texas-New Mexico State line eastward an average distance of about 120 miles, to a boundary that is sharply defined in most places by bold escarpment several hundred feet high.

The rapid development of irrigation with water from wells in the High Plains in Texas during the last 10 years is believed to be unprecedented anywhere in the United States. In 1944 about 450,000 acres were under irrigation and the total area within the exterior boundaries of the irrigated districts amounted to about 3,000,000 acres. Hence, about 15 percent of the total area was irrigated and there was, on the average, one well to about 1,000 acres. In the more heavily pumped localities the wells were more closely spaced, the average being one well to 280 acres in one area of 50 square miles and one well to 300 acres in another area of 50 square miles.

Since 1937 water-level measurements have been made periodically in several hundred observation wells in the High Plains. Some of these wells are used for irrigation, some for domestic purposes and stock, and some are unused. Until 1940 measurements were made for the most part at intervals of 1 to 3 months. It has been found, however, that the most dependable information regarding net annual losses from or additions to storage in the ground-water reservoirs in the pumping districts and closely adjacent territory can be obtained by comparing water-level measurements made in successive years in the late winter or early spring before irrigation has been started. Therefore, the measurements at other times during the year have been dropped, but the late winter and spring measurements are made each year.

From 1937 to 1941, a period of subnormal precipitation, the increase in irrigation was accompanied by a persistent decline of the water table. During 1941 the precipitation was very heavy, the heaviest on record in parts of the region. Consequently, the water requirements for irrigation were small, recharge to the ground-water reservoirs was unusually large, and observation wells in each pumping district showed a pronounced rise in water levels. During 1942 precipitation was again above average, pumping

was again light, and the water levels in most of the wells either remained nearly stationary or rose slightly. During 1943 the precipitation was light, and pumping was greater than ever before. Practically all the observation wells showed a decline in water levels from February 1943 to February 1944. The decline averaged 0.6 foot in the Lubbock-Littlefield district, 2.4 feet in the Muleshoe district, 1.3 feet in the Plainview district, and 1.4 feet in the Hereford district.

WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

Angelina County

1 (*849-A, p. 50; *909, p. 84; 939, p. 71; 947; p. 86; *989, p. 94). E. P. McKnight. No measurements made in 1944.

43 (*840, p. 378; 845, p. 446; 849-A, p. 50; 886, p. 655; 909, p. 84; 939, p. 71; 947, p. 86; *989, p. 94). W. A. Collmorgan. 3.5 miles north of Lufkin. Water level, in feet below land-surface datum, 1944: Mar. 31, 67.60.

168 (*909, p. 85; 939, p. 71; 947, p. 86; *989, p. 94). City of Lufkin. About 300 feet west of Redland School. Water levels, in feet below land-surface datum, 1944: Jan. 26, 189.38; Mar. 30, 206.43.

169 (*909, p. 85; 939, p. 71; 947, p. 86; *989, p. 95). Gulf Pipe Line Co. 2.75 miles northwest of Redland.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	22.62	Mar. 7	40.36	May 12	48.36	Sept.15	61.55
Feb. 9	30.63	30	42.56	Aug. 11	58.10	Oct. 9	66.66
15	33.43						

170 (*947, p. 87; *989, p. 95). Southland Paper Mills, Inc. No measurements made in 1944.

171 (*947, p. 87; *989, p. 95). Southland Paper Mills, Inc. No measurements made in 1944.

172 (*947, p. 87; *989, p. 95). Southland Paper Mills, Inc. No measurements made in 1944.

173 (*947, p. 87; *989, p. 95). Southland Paper Mills, Inc. No measurements made in 1944.

174 (*947, p. 87; *989, p. 95). Southland Paper Mills, Inc. East well of group A, 8 miles northeast of Lufkin. Water levels, in feet above or below land-surface datum, 1944: Mar. 30, -0.17; May 30, +0.01.

Bailey County

5a (*840, p. 379; 845, p. 446; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). Gus Schrader. NW¼NE¼ sec. 3, blk. Z, 10 miles northwest of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 10, 62.42.

9 (*840, p. 379; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). Jim Ellis. NE¼NW¼ sec. 21, blk. Z, 10.5 miles west of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 10, 37.18.

11 (*840, p. 379; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). Tom Smith. NE¼SW¼ sec. 22, blk. Z, 10.5 miles west of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 10, 22±.

21a (*886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). Mrs. J. W. Gregory, Sr. NW¼NW¼ sec. 6, blk. X, 8 miles west of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 10, 21.40.

25 (*840, p. 379; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). C. A. Wagner. NW. corner SE¼ sec. 6, blk. Z, 8 miles west of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 10, 18.57.

31 (*840, p. 379; 845, p. 447; 886, p. 656; 909, p. 86; 947, p. 88; *989, p. 96). J. H. Farley. Measurements discontinued.

33 (*840, p. 379; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). Mrs. J. W. Gregory. No measurements made in 1944.

35a (*886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). F. O. Boone. NE¼SE¼ sec. 24, blk. X, 4.5 miles northwest of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 21.76.

36 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 88; *989, p. 96). J. M. Murrah. NE¼NW¼ sec. 23, blk. X, 4.75 miles northwest of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 10, 15.00.

45 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 89; *989, p. 96). H. M. Schofner. NW¼SW¼ sec. 32, blk. Y, 2.25 miles northwest of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 16.44.

49 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 89; *989, p. 96). Jess Mitchell. NW. corner NE¼SE¼ sec. 33, blk. X, 3.75 miles northwest of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 20.37.

53 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 89; *989, p. 96). W. B. Gwyn, Sr. NE¼SE¼ sec. 22, blk. Y, 3.25 miles northwest of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 20.15.

62 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 89; *989, p. 97). Levi Churchill. NW. corner SE¼ sec. 42, blk. Y, 2.75 miles north of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 18.55.

63 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 72; 947, p. 89; *989, p. 97). Sam Gorrell. NW. corner SW¼ sec. 42, blk. Y, 2.75 miles north of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 19.30.

66 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 73; 947, p. 89; *989, p. 97). J. L. Wallace. NW. corner NE¼ sec. 41, blk. Y, 2.25 miles north of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 16.58.

67 (*840, p. 380; 845, p. 447; 886, p. 656; 909, p. 86; 939, p. 73; 947, p. 89; *989, p. 97). I. W. Harden. NW. corner NE¼NE¼ sec. 41, blk. Y, 2.25 miles north of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 15.15.

69 (*840, p. 381; 845, p. 447; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). E. R. Hart. NW¼SW¼ sec. 52, blk. Y, 1.75 miles north of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 12.00.

79 (*840, p. 381; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). D. E. Cox. SW. corner NW¼ sec. 53, blk. Y, 1 mile north of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 21.36.

92 (*840, p. 381; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). L. H. McConnell. NW¼NE¼ sec. 51, blk. Y, 3.25 miles north of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 17.55.

95 (*840, p. 381; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). E. R. Hart. NW. corner NW¼ sec. 71, blk. Y, 4 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 19.10.

108 (*840, p. 381; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). T. L. Mounts. NW. corner SE¼NE¼ sec. 31, blk. W, 7 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 28.77.

116 (*840, p. 381; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). E. R. Hart. NW¼NE¼SW¼ sec. 32, blk. W, 6 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 18.60.

117 (*840, p. 382; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). H. L. Dempster. NW. corner NW¼ sec. 32, blk. W, 6 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 29.80.

120 (*840, p. 382; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 89; *989, p. 97). I. F. Wilman. NW. corner SW¼ sec. 83, blk. Y, 5 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 22.20.

130 (*840, p. 382; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 90; *989, p. 98). E. R. Hart. NW. corner NE¼SE¼ sec. 33, blk. W, 6 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 15.48.

131 (*840, p. 382; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 90; *989, p. 98). R. D. Precure. NW. corner SW¼ sec. 34, blk. W, 6 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 15.64.

132 (*840, p. 382; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 73; 947, p. 90; *989, p. 98). J. A. Ryan. NW. corner SE¼ sec. 34, blk. W, 6.5 miles northeast of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 11, 15.40.

135 (*840, p. 382; 845, p. 448; 886, p. 657; 939, p. 73; 947, p. 90; *989, p. 98). C. H. Lehew. No measurements made in 1944.

136 (*840, p. 382; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 74; 947, p. 90; *989, p. 98). C. A. Barnett. NW. corner SE¼ sec. 48, blk. W, 5.5 miles east of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 11.85.

137 (*840, p. 383; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 74; 947, p. 90; *989, p. 98). C. H. Whitehead. NW. corner SW¼ sec. 48, blk. W, 4.75 miles east of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 14, 11.50.

141 (*840, p. 383; 845, p. 448; 886, p. 657; 909, p. 87; 939, p. 74; 947, p. 90; *989, p. 98). L. L. Lowery. No measurements made in 1944.

201a (*909, p. 88; 939, p. 74; 947, p. 90; *989, p. 98). Halsell Land & Cattle Co. No measurements made in 1944.

205 (*840, p. 383; 845, p. 448; 886, p. 657; 909, p. 89; 939, p. 74; *989, p. 98). Halsell Land & Cattle Co. NW¼ lab. 19, lge. 189, Ector County School land, 5 miles south and 1.5 miles west of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 15, 48.98.

207 (*840, p. 383; 845, p. 449; 886, p. 657; 909, p. 89; 939, p. 74; 947, p. 90; *989, p. 98). Mr. Whittington. No measurements made in 1944.

322 (*840, p. 384; 845, p. 449; 886, p. 658; 909, p. 89; 939, p. 74; 947, p. 90; *989, p. 98). G. H. Harvey. Measurements discontinued.

324a (*840, p. 384; 845, p. 449; 886, p. 658; 909, p. 89; 939, p. 74; 947, p. 90; *989, p. 98). Foard County School land. NW¼ lab. 15, lge. 192, 9 miles south of Muleshoe. Water level, in feet below land-surface datum, 1944: Feb. 15, 95.00.

355 (*840, p. 384; 845, p. 449; 886, p. 658; 909, p. 89; 947, p. 90; *989, p. 98). H. L. Wilson. No measurements made in 1944.

435 (*840, p. 384; 845, p. 449; 886, p. 658; 909, p. 90; 939, p. 74; 947, p. 90; *989, p. 99). I. C. Enochs. SE¼lab. 69, lge. 182, 9 miles southeast of Baileyboro. Water level, in feet below land-surface datum, 1944: Feb. 15, 18.38.

Bexar County

15 (*777, p. 179; 817, p. 322; 840; p. 385; 845, p. 450; 886, p. 658; 909, p. 90; 939, p. 75; 947, p. 91; *989, p. 99). Robert Melcher. 6 miles east of Castroville. Water levels, in feet below land-surface datum, 1944: Apr. 29, 117.88; Aug. 8, 121.62; Dec. 19, 116.17.

26 (*777, p. 181; 817, p. 322; 840, p. 385; 845, p. 450; 886, p. 659; 909, p. 90; 939, p. 75; 947, p. 91; *989, p. 99). Fuller's earth plant. 13.5 miles west of San Antonio. Water levels, in feet below land-surface datum, 1944: Apr. 29, 102.06; Aug. 8, 106.59; Dec. 18, 99.56.

28 (*777, p. 181; 817, p. 322; 840, p. 385; 845, p. 450; 886, p. 659; 909, p. 91; 939, p. 75; 947, p. 91; *989, p. 99). Robert Boenig. 8 miles west of San Antonio. Water levels, in feet below land-surface datum, 1944: Apr. 29, 62.29; Aug. 8, 67.63; Dec. 19, 60.23.

XB-1 (*840, p. 386; 845, p. 450; 886, p. 659; 909, p. 91; 939, p. 75; 947, p. 91; *989, p. 99). Oscar Schievelbein. 11 miles west of San Antonio. Water levels, in feet below land-surface datum, 1944: May 3, 116.90; Aug. 7, 122.29; Dec. 18, 115.25.

XB-2 (*840, p. 386; 845, p. 450; 886, p. 659; 909, p. 91; 939, p. 75; 947, p. 91; *989, p. 99). Oscar Bippert. 14.5 miles west of San Antonio. Water levels, in feet below land-surface datum, 1944: Apr. 29, 69.85; Aug. 8, 73.01; Dec. 19, 67.23.

XB-3 (*845, p. 450; 886, p. 659; 909, p. 91; 939, p. 75; 947, p. 91; *989, p. 99). Beitel Church. 8 miles northeast of San Antonio. Water levels, in feet below land-surface datum, 1944: Aug. 24, 56.86; Dec. 19, 49.87.

436 (*909, p. 91; 939, p. 75; 947, p. 91; *989, p. 99). Beverly Lodges. At Beverly Lodges tourist court in northeast part of San Antonio.

Highest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	53.54	52.77	50.90	46.55	48.60	45.07	49.05	53.52	51.08	51.56
2	53.16	52.75	50.72	46.64	47.98	44.94	49.17	53.81	50.93	51.48
3	52.85	52.72	50.58	46.53	47.87	44.94	48.40	54.05	50.80	51.81
4	52.77	52.90	50.57	46.62	47.88	45.01	48.12	54.15	50.59	51.36
5	52.77	52.83	50.58	46.64	47.72	45.03	48.08	54.30	50.67	51.54
6	52.87	52.80	50.51	46.84	47.75	45.32	48.95	54.14	50.77	51.57
7	52.69	52.71	51.06	46.83	47.75	45.27	49.32	53.75	49.88	51.55
8	52.94	52.67	51.27	46.81	47.70	45.30	49.42	54.18	49.47	51.45
9	53.18	52.76	51.38	46.70	47.89	45.41	49.75	54.64	49.95	51.31
10	53.02	52.78	51.28	46.58	48.11	45.61	49.82	54.80	50.00	51.43
11	53.06	53.02	51.10	46.81	48.23	45.68	50.05	54.80	49.92	51.47
12	53.07	53.13	50.05	47.05	48.43	45.63	50.41	54.95	50.25	51.49
13	53.27	52.97	50.23	47.17	48.49	45.50	50.83	54.79	50.45	51.47
14	53.35	52.73	50.12	47.15	48.57	45.52	50.85	54.50	50.56	51.50
15	53.24	52.85	50.18	47.34	48.44	45.60	50.99	54.94	50.80	51.57
16	53.17	52.77	48.68	47.60	48.75	45.73	51.02	55.24	51.02	51.63
17	53.15	52.73	47.87	47.50	48.93	45.96	50.99	54.98	50.92	51.92
18	53.24	52.85	47.39	47.83	49.05	46.07	51.21	55.06	50.80	52.07
19	53.25	52.80	47.16	47.87	49.04	45.98	51.48	55.22	51.12	52.29
20	53.29	52.73	47.00	48.06	48.68	46.25	51.80	55.60	51.35	52.44
21	53.23	52.57	46.98	48.19	48.46	46.60	52.05	55.17	51.57	52.65
22	53.23	52.56	46.89	48.23	48.15	46.80	52.24	55.43	51.77	.....
23	53.20	52.59	46.72	48.30	48.15	47.05	52.11	54.72	51.76	.....
24	53.05	52.60	46.50	48.30	48.83	47.19	51.99	54.67	51.84	.....
25	52.95	52.63	46.38	48.54	48.60	47.28	52.38	54.72	51.64	.....

436. Beverly Lodges--Continued.

Highest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
26	52.96	52.15	46.41	48.54	48.01	47.13	52.65	54.72	51.93	.....
27	53.02	51.58	46.35	48.82	47.69	47.55	52.90	54.61	51.74	.....
28	53.07	51.21	46.34	48.86	46.52	48.54	52.99	53.65	51.48	.....
29	52.93	51.07	46.53	48.95	45.60	49.25	53.25	52.91	51.52	.....
30	52.85	.....	46.54	48.70	45.20	49.13	53.42	51.86	51.57	.....
31	52.78	.....	46.55	.....	45.06	.....	53.34	50.87	.....	.....
Avg.	53.07	52.59	48.74	47.55	46.97	46.21	50.94	54.33	50.94	51.69

Brazoria County

10. Gulf Coast & Santa Fe Railroad Co. About 200 feet north of depot, at Pearland. Used drilled well, diameter 8 to 6 inches, screen from 477 to 507 feet. Measuring point, top of casing, 2.5 feet above land surface. Equipped with cylinder pump and jack driven by oil engine.

Water level, in feet below land-surface datum,
1931, 1936, 1943-44

Date	Water level	Date	Water level	Date	Water level
Apr. 16, 1931	47.5	July 4, 1943	81.5	Apr. 20, 1944	87.95
11, 1936	53.94	Aug. 6	84.77	Dec. 11	95.16

Brooks County

202 (*777, p. 183; 840, p. 386; 845, p. 451; 939, p. 76; *989, p. 100). E. C. Lasater Estate. No measurements made in 1944.

254 (*777, p. 185; 840, p. 386; 845, p. 451; 886, p. 659; 909, p. 96; 939, p. 76; *989, p. 100). E. G. Maun. 2.5 miles northwest of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 2, 23.27.

266 (*777, p. 185; 840, p. 386; 845, p. 451; 886, p. 659; 909, p. 96; 939, p. 76; *989, p. 100). Col. J. E. McDonald. 2 miles northwest of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 2, 24.53.

270 (*777, p. 185; 840, p. 386; 845, p. 451; 886, p. 659; 909, p. 96; 939, p. 76; *989, p. 100). J. W. Story. 1 mile northwest of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 2, 31.54.

273 (*777, p. 185; 840, p. 386; 845, p. 451; 886, p. 660; 909, p. 96; 939, p. 76; *989, p. 100). George Franks. 1.5 miles west of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 2, 21.64.

323 (*777, p. 184; 840, p. 387; 845, p. 451; 886, p. 660; 909, p. 96; 939, p. 76; *989, p. 100). R. D. Donahoe. 1 mile southwest of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 1, 13.73.

324 (*777, p. 184; 840, p. 387; 845, p. 451; 886, p. 660; 909, p. 96; 939, p. 76; *989, p. 100). L. O. Atkinson. 1 mile south of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 1, 15.80.

333 (*777, p. 184; 840, p. 387; 845, p. 451; 886, p. 660; 909, p. 96; 939, p. 76; *989, p. 100). A. L. Brochet. 1 mile south of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 1, 10.64. Well destroyed; measurements discontinued.

340 (*777, p. 186; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 96; 939, p. 77; *989, p. 100). Dr. H. M. Bennett. 2 miles south of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 1, 8.62.

390 (*777, p. 186; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 96; 939, p. 77; *989, p. 101). Southern Pacific Railway. Northeast of railway station, in Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 2, 19.38.

397 (*777, p. 186; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 96; 939, p. 77; *989, p. 101). J. W. Dale. 2 miles east of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 3, 22.74.

405 (*777, p. 186; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 96; 939, p. 77; *989, p. 101). A. Rupp. 5 miles east of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 3, 32.25.

474 (*777, p. 186; 840, p. 387; 845, p. 452; 909, p. 96; 939, p. 77; *989, p. 101). A. Rupp. 5.5 miles southeast of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 3, 23.87.

504 (*777, p. 187; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 96; 939, p. 77; *989, p. 101). Neal Rupp. 5.5 miles east-southeast of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 3, 22.48.

505 (*777, p. 187; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 96; 939, p. 77; *989, p. 101). Neal Rupp. 5.5 miles east-southeast of Falfurrias. Water level, in feet below land-surface datum, 1944: Mar. 3, 26.37.

865 (*777, p. 184; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 97; 939, p. 77; *989, p. 101). Florencio Rodriquez. 4.5 miles west of Rachal. Water level, in feet below land-surface datum, 1944: Mar. 1, 77.84.

872 (*777, p. 184; 840, p. 387; 845, p. 452; 886, p. 660; *989, p. 101). Victor Martinez. 1 mile north of Los Perez. Water level, in feet below land-surface datum, 1944: Mar. 1, 44.83.

874 (*777, p. 184; 840, p. 387; 845, p. 452; 886, p. 660; 939, p. 77; *989, p. 101). Matilde Martinez. 7.75 miles west-southwest of Rachal. Water level, in feet below land-surface datum, 1944: Mar. 1, 44.41.

882 (*777, p. 184; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 97; 939, p. 77; *989, p. 101). E. Villareal. 5 miles west of Rachal. Water level, in feet below land-surface datum, 1944: Mar. 1, 69.51.

885 (*777, p. 184; 840, p. 387; 845, p. 452; 886, p. 660; 909, p. 97; 939, p. 77; *989, p. 101). Juan Longoria. No measurements made in 1944.

921 (*777, p. 185; 840, p. 387; 845, p. 452; 886, p. 660; *989, p. 102). Nicolas Cantu. No measurements made in 1944.

Castro County

4 (*840, p. 387; 845, p. 454; 886, p. 661; 909, p. 98; 947, p. 92; *989, p. 102). L. L. Cannon. At railroad crossing in west edge of Summerfield. Water level, in feet below land-surface datum, 1944: Feb. 18, 102.61.

8 (*840, p. 387; 845, p. 454; 886, p. 661; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 102). S. P. Rosson. Water level, in feet below land-surface datum, 1944: Feb. 17, 71.74.

12 (*840, p. 387; 845, p. 454; 886, p. 661; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 102). L. B. Holland. No measurements made in 1944.

18 (*845, p. 454; 886, p. 661; 939, p. 78; 947, p. 92; *989, p. 102). Frio Public School. NE. corner NE¼ sec. 118, blk. M7, 11.5 miles northwest of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 17, 68.53.

20 (*840, p. 387; 845, p. 454; 886, p. 661; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 102). A. C. Hawks. NW. corner NW¼NE¼ sec. 97, blk. M7, 8 miles east of Summerfield and 1.7 miles southeast of Frio Public School. Water level, in feet below land-surface datum, 1944: Feb. 17, 68.96.

32 (*840, p. 388; 845, p. 454; 886, p. 661; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 102). W. A. Springer. SW¼NW¼NW¼ sec. 81, blk. M7, 8 miles east of Summerfield and 2.0 miles east from Frio Public School. Water level, in feet below land-surface datum, 1944: Feb. 17, 63.31.

36 (*845, p. 454; 886, p. 661; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 102). V. K. McCaskill. Formerly owned by M. C. Hancock. SW¼NE¼ sec. 72, blk. M7, 12 miles north of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 17, 84.91.

40 (*845, p. 454; 886, p. 661; 909. p. 98; 939, p. 78: 947, p. 92; *989, p. 102). W. W. Adams. NW¼SW¼ sec. 51, blk. M7, 10 miles north of Dimmit. Water level, in feet below land-surface datum, 1944: Feb. 17, 64.28.

48 (*840, p. 388; 845, p. 455; 886, p. 662; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 102). J. M. Richardson. NW. corner NW¼ sec. 30, blk. M7, 13.2 miles east of Summerfield. Water level, in feet below land-surface datum, 1944: Feb. 17, 59.28.

52 (*845, p. 455; 886, p. 662; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 102). C. G. Maples. NW¼NE¼ sec. 1, blk. M10A, 6.5 miles north of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 17, 74.06.

53 (*840, p. 388; 845, p. 455; 886, p. 662; 909, p. 98; 939, p. 78; 947, p. 92; *989, p. 103). W. A. Hunter. SW. corner SW¼NW¼ sec. 52, blk. M7, 11 miles east of Summerfield. Water level, in feet below land-surface datum, 1944: Feb. 17, 58.26.

57 (*845, p. 455; 886, p. 662; 909, p. 98; 939, p. 78; 947, p. 93; *989, p. 103). E. S. Ireland. SE¼SW¼SE¼ sec. 33, blk. M7, 6 miles north of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 17, 74.62.

58 (*845, p. 455; 886, p. 662; 909, p. 98; 939, p. 78; 947, p. 93; *989, p. 103). Owner unknown. SW¼SW¼ sec. 2, J. E. Tucker subdivision, 2 miles northeast of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 3, 152.90.

90a (*947, p. 93; *989, p. 103). McGehee and Hupp. NW¼SE¼ sec. 57, blk. M7, 7 miles north of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 17, 71.40.

201 (*845, p. 455; 886, p. 662; 909, p. 98; 939, p. 78; 947, p. 93; *989, p. 103). J. C. Holman. NW¼NE¼ sec. 339, blk. M6, 6.5 miles east of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 3, 151.82.

202 (*845, p. 455; 886, p. 662; 909, p. 98; 939, p. 78; 947, p. 93; *989, p. 103). Frank Huseman. SW¼NW¼NE¼ sec. 222, blk. M6, 11 miles east of Dimmitt. Water level, in feet below land-surface datum, 1944: Feb. 3, 101.50.

Cochran County

1 (*840, p. 390; 845, p. 456; 886, p. 663; 909, p. 100; 939, p. 79). Beck Gin Co. Northeastern edge of Whiteface. Water level, in feet below land-surface datum, 1944: Feb. 5, 149.67.

5 (*840, p. 390; 845, p. 456; 886, p. 663; 909, p. 100; 939, p. 79). Dave Linder. 0.15 mile south of State Highway 24, 7.9 miles northwest of Whiteface. Water level, in feet below land-surface datum, 1944: Feb. 5, 125.65.

10 (*840, p. 390; 845, p. 456; 886, p. 663; 909, p. 100; 939, p. 79). John W. Lynch. 5 miles north of Morton. Water level, in feet below land-surface datum, 1944: Feb. 5, 93.60.

11 (*840, p. 390; 845, p. 456; 886, p. 663). No measurements made in 1944.

Comal County

117 (*886, p. 663; 909, p. 100; 939, p. 79; 947, p. 93; *989, p. 103). Alfred Bererle. No measurements made in 1944.

118 (*886, p. 663; 909, p. 100; 939, p. 79; 947, p. 93; *989, p. 103). Henry Jonas Estate. 3 miles northwest of Smithson Valley. Water levels, in feet below land-surface datum, 1944: May 2, 91.16; Aug. 24, 92.63; Dec. 18, 92.63.

119 (*886, p. 663; 909, p. 100; 939, p. 79; 947, p. 93; *989, p. 103). John Stricker. 4 miles southeast of Spring Branch. Water levels, in feet below land-surface datum, 1944: May 2, 166.82; Aug. 24, 155.55; Dec. 18, 161.29.

120 (*886, p. 663; 909, p. 101; 939, p. 79; 947, p. 93; *989, p. 103). S. L. Gill. 2 miles south of Spring Branch. Water level, in feet below land-surface datum, 1944: Dec. 18, 73.16.

131 (*886, p. 664; 909, p. 101; 939, p. 80; 947, p. 94; *989, p. 103). J. B. Graham. Formerly owned by J. J. Arrechea. 5.5 miles south of Spring Branch. Water levels, in feet below land-surface datum, 1944: Aug. 24, 106.82; Dec. 18, 109.88.

155 (*886, p. 664; 909, p. 101; 939, p. 80; *989, p. 103). George Fronne. 6 miles north of Bulverde. Water level, in feet below land-surface datum, 1944: Aug. 24, 119.52.

162 (*909, p. 101; 939, p. 80; 947, p. 94; *989, p. 103). O. A. Doeppenschmidt. 9 miles east of Bulverde. Water levels, in feet below land-surface datum, 1944: May 2, 134.00; Aug. 24, 138.59; Dec. 18, 136.72.

171 (*886, p. 664; 909, p. 101; 939, p. 80; 947, p. 94; *989, p. 104). Mrs. Mattie Shelburne. 3 miles northeast of Bulverde. Water levels, in feet below land-surface datum, 1944: Aug. 24, 220.27; Dec. 18, 223.78.

183 (*886, p. 664; 909, p. 101; *989, p. 104). August Wehe. No measurements made in 1944.

184 (*886, p. 664; 909, p. 101; 939, p. 80; 947, p. 94; *989, p. 104). Charles Willig. 1.5 miles east of Bulverde. Water level, in feet below land-surface datum, 1944: Dec. 18, 136.94.

193 (*886, p. 664; 909, p. 102; 939, p. 80; 947, p. 94; *989, p. 104). W. B. Ethridge. Measurements discontinued.

195 (*909, p. 102; *989, p. 104). Robert Heimer. Measurements discontinued.

221 (*886, p. 664; 909, p. 102; 939, p. 80; 947, p. 94; *989, p. 104). Albert Simon. 4 miles north of New Braunfels. Water levels, in feet below land-surface datum, 1944: Apr. 30, 165.00; Aug. 23, 159.19; Dec. 18, 161.04.

222 (*886, p. 664; 909, p. 102; 939, p. 80; 947, p. 94; *989, p. 104). William Kraft. 4 miles northwest of New Braunfels. Water levels, in feet below land-surface datum, 1944: Apr. 30, 173.10; Aug. 23, 172.50; Dec. 18, 174.58.

223 (*886, p. 664; 909, p. 102; 939, p. 80; 947, p. 94; *989, p. 104). Albert Kraft. 4.5 miles northwest of New Braunfels. Water level, in feet below land-surface datum, 1944: Dec. 18, 209.89.

225 (*886, p. 664; 909, p. 102; 939, p. 80; 947, p. 94; *989, p. 104). W. H. Harborth Estate. 4 miles northwest of New Braunfels. Water levels, in feet below land-surface datum, 1944: May 2, 169.61; Aug. 23, 167.48; Dec. 18, 171.04.

226 (*886, p. 664; 909, p. 102; 939, p. 80; 947, p. 94; *989, p. 104). Henry Heise. Measurements discontinued.

232 (*886, p. 664; 909, p. 103; 939, p. 80; 947, p. 94; *989, p. 104). Krueger Bros. Formerly owned by A. J. Caldwell. 8 miles northwest of New Braunfels. Water levels, in feet below land-surface datum, 1944: May 1, 177.03; Aug. 24, 175.19; Dec. 18, 176.28.

263-A (*886, p. 665; 909, p. 103; 939, p. 80; 947, pp. 94-5; *989, p. 104). Alfred Kappelmacher. At junction of Bulverde road and State Highway 46, 3.75 miles northwest of New Braunfels. Recorder removed Apr. 8, 1944.

263-A. Alfred Kappelmacher--Continued.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	230.08	Jan. 16	230.25	Jan. 31	228.98	Feb. 14	228.98
2	230.10	17	230.28	Feb. 1	228.92	15	228.97
3	230.11	18	230.28	2	228.89	16	228.96
4	230.10	19	230.30	3	228.88	17	228.94
5	230.13	20	230.31	4	228.92	18	228.96
6	230.12	21	230.31	5	228.93	19	228.96
7	230.11	22	230.32	6	228.94	20	228.94
8	230.16	23	230.32	7	228.94	21	228.92
9	230.16	24	230.32	8	228.93	22	228.91
10	230.17	25	229.77	9	228.96	23	228.90
11	230.17	26	229.38	10	228.95	24	228.89
12	230.18	27	229.23	11	229.02	25	228.88
13	230.21	28	229.16	12	229.02	Apr. 8	a 223.99
14	230.20	29	229.10	13	228.98	May 1	a 223.98
15	230.22	30	229.04				

a Tape measurement.

271 (*840, p. 391; 845, p. 457; 886, p. 665; 909, p. 103; 939, p. 81; 947, p. 95; *989, p. 105). Albert Wallhoefer. 1.5 miles northeast of Gruene station. Water levels, in feet below land-surface datum, 1944: Apr. 30, 86.61; Aug. 23, 66.54; Dec. 18; 87.80.

274 (*840, p. 391; 845, p. 457; 886, p. 665; 909, p. 103; 939, p. 81; 947, p. 95; *989, p. 105). Charles Soechting. 3 miles northeast of Gruene station. Water levels, in feet below land-surface datum, 1944: Apr. 30, 146.10; Aug. 23, 146.35; Dec. 18, 148.21.

278 (*840, p. 391; 845, p. 457; 886, p. 665; 909, p. 103; 939, p. 81; 947, p. 95; *989, p. 105). Nancy Gruene. 2.5 miles southwest of Hunter. Water levels, in feet below land-surface datum, 1944: Apr. 30, 144.04; Aug. 23, 144.02; Dec. 18, 145.62.

291 (*840, p. 391; 845, p. 457; 886, p. 665; 909, p. 103; 939, p. 81; 947, p. 95; *989, p. 105). Oscar Preiss. 1.1 miles southeast of Thornhill School. Water levels, in feet below land-surface datum, 1944: Apr. 30, 50.98; Aug. 23, 51.31; Dec. 19, 51.56.

326 (*840, p. 391; 845, p. 457; 886, p. 665; 909, p. 103; 939, p. 81; 947, p. 95; *989, p. 105). William Schaeffer. 3.5 miles southwest of Solms. Water levels, in feet below land-surface datum, 1944: Aug. 24, 34.79; Dec. 19, 31.57.

336 (*840, p. 391; 845, p. 457; 886, p. 665; 909, p. 103; 939, p. 81; 947, p. 95; *989, p. 105). A. W. Felch. 1.1 miles southwest of Solms. Water levels, in feet below land-surface datum, 1944: Aug. 24, 84.01; Dec. 19, 81.91.

373 (*840, p. 391; 845, p. 458; 886, p. 665; 909, p. 104; 939, p. 81; 947, p. 95; *989, p. 105). L. Jentsch. 1 mile east of Solms. Water levels, in feet below land-surface datum, 1944: Aug. 24, 22.98; Dec. 19, 21.61.

399 (*840, p. 392; 845, p. 458; 886, p. 666; 909, p. 104; 939, p. 82; 947, p. 95; *989, p. 106). John Karback. 1.3 miles north of Gruene. Water levels, in feet below land-surface datum, 1944: Aug. 23, 169.47; Dec. 19, 170.37.

588 (*947, p. 95; *989, p. 106). O. A. Stoepler. East side of New Braunfels on Wimberly road, 1 mile south of Hays County line. Water levels, in feet below land-surface datum, 1944: Aug. 25, 148.45; Dec. 19, 148.64.

Crosby County

1 (*840, p. 392; 845, p. 458; 886, p. 666; 909, p. 104; 947, p. 96; *989, p. 106). J. T. Vaughan. In Cone, at store and filling station, east side of street, 1 block south of school. Water level, in feet below land-surface datum, 1944: Feb. 8, 112.57.

2 (*840, p. 392; 845, p. 458; 886, p. 666; 909, p. 104; 947, p. 96; *989, p. 106). C. B. Travis. 1.85 miles south of Cone, on west side of road. Water level, in feet below land-surface datum, 1944: Feb. 8, 105.32.

3 (*840, p. 392; 845, p. 458; 886, p. 666; 909, p. 104; 939, p. 82; *989, p. 106). New Home School. 3.85 miles south of Cone. Measurements resumed. Water level, in feet below land-surface datum, 1944: Feb. 8, 135.10.

4 (*840, p. 392; 845, p. 458; 886, p. 666; 909, p. 104; 939, p. 82; 947, p. 96; *989, p. 106). W. H. Watts. 6.75 miles south of Cone, on west side of road. Water level, in feet below land-surface datum, 1944: Feb. 8, 120.90.

7 (*840, p. 392; 845, p. 458; 886, p. 666; 909, p. 104; 939, p. 82; 947, p. 96; *989, p. 106). B. F. Lackey. In Ralls, on north side of U. S. Highway 62, 3 miles west of its junction with State Highway 207. Measurements resumed. Water level, in feet below land-surface datum, 1944: Feb. 8, 88.98.

9 (*840, p. 393; 845, p. 458; 886, p. 666; 909, p. 104; 939, p. 82; 947, p. 96; *989, p. 106). Dallas Stock Land Bank. On east edge of Lorenzo, 1 block north of U. S. Highway 62, on east side of road. Water level, in feet below land-surface datum, 1944: Feb. 8, 77.61.

Dawson County

9 (*909, p. 108; 947, p. 96; *989, p. 106). I. M. Stafford. NE. corner SE¼ sec. 41, blk. 35, T. 5 N., 6.6 miles southeast of Lamesa on U. S. Highway 87, thence 1.5 miles west. Water level, in feet below land-surface datum, 1944: Feb. 25, 77.02.

101. F. King. NW¼NW¼ sec. 3, blk. 35, T. 6 N., 4 miles northeast of Lamesa. Unused drilled irrigation well, diameter 22 inches, depth 150 feet. Measuring point, top of concrete curb, 0.5 foot above land-surface.

Water level, in feet below land-surface datum, 1938-40, 1944

Date	Water level	Date	Water level	Date	Water level
Aug. 1, 1938	122.77	Aug. 10, 1939	122.62	Feb. 24, 1944	121.36
Jan. 23, 1939	122.84	Nov. 25, 1940	122.42		

602 (*804, p. 395; 845, p. 460; 886, p. 670; 909, p. 108; *989, p. 106). A. Gable. SW¼SE¼ sec. 44, blk. 35, T. 6 N., 1.6 miles northeast of Lamesa and 0.45 mile west of U. S. Highway 87. Water level, in feet below land-surface datum, 1944: Feb. 25, 88.72.

603 (*840, p. 395; 845, p. 460; *989, p. 107). Ralph Grant. No measurements made in 1944.

606 (*840, p. 395; 845, p. 460; 886, p. 670; 909, p. 108; 947, p. 96; *989, p. 107). Gus White. No measurements made in 1944.

607 (*840, p. 395; 845, p. 460; 886, p. 670; 909, p. 108; *989, p. 107). Gus White. No measurements made in 1944.

611 (*840, p. 396; 845, p. 460; 886, p. 670; 909, p. 108; 947, p. 96; *989, p. 107). U. B. Hohn. No measurements made in 1944.

612 (*840, p. 396; 845, p. 460; 886, p. 670; 909, p. 108; 947, p. 97; *989, p. 107). G. H. Greenlee. NW¼SE¼ sec. 3, blk. 34, T. 7 N., 12.4 miles northeast of Lamesa on U. S. Highway 87, thence 0.2 mile west. Water level, in feet below land-surface datum, 1944: Feb. 24, 67.68.

702 (*840, p. 396; 845, p. 461; 886, p. 670; 909, p. 108; 947, p. 97; *989, p. 107). Mrs. W. H. Gartin. No measurements made in 1944.

705 (*840, p. 396; 845, p. 461; 909, p. 108; *989, p. 107). R. D. Simpson. No measurements made in 1944.

706 (*840, p. 396; 845, p. 461; 909, p. 108; *989, p. 107). H. Richardson. SE. corner SE¼ sec. 12, blk. 35, T. 4 N., 9.2 miles northeast of Ackerly. Water level, in feet below land-surface datum, 1944: Feb. 25, 80.12.

709 (*840, p. 397; 845, p. 461; 886, p. 670; 909, p. 108; *989, p. 107). Truett Shipley. No measurements made in 1944.

710 (*840, p. 397; 845, p. 461; 886, p. 670; 909, p. 109; *989, p. 107). O. Williams. NE¼NE¼ sec. 3, blk. 35, T. 4 N., 9.1 miles southeast of Lamesa on U. S. Highway 87, thence 1.2 miles west. Water level, in feet below land-surface datum, 1944: Feb. 25, 49.70.

711 (*840, p. 397; 845, p. 461; 886, p. 670; 909, p. 109; 947, p. 97; *989, p. 107). Dan Bartlett. NW¼NW¼ sec. 3, blk. 35, T. 4 N., 9.1 miles southeast of Lamesa on U. S. Highway 87, thence 1.6 miles west. Water level, in feet below land-surface datum, 1944: Feb. 25, 78.07.

712 (*840, p. 397; 845, p. 461; 909, p. 109; 947, p. 97; *989, p. 107). H. H. Barron. Near center of sec. 33, blk. 35, T. 5 N., 3.2 miles southeast of Lamesa on U. S. Highway 87, thence 2.4 miles south on dirt road and 0.35 mile east in field. Water level, in feet below land-surface datum, 1944: Feb. 25, 75.10.

713 (*840, p. 397; 845, p. 461; 909, p. 109; *989, p. 107). Elmer Walls. No measurements made in 1944.

714 (*840, p. 397; 845, p. 461; 886, p. 671; 909, p. 109; 947, p. 97; *989, p. 107). H. H. Barron. NE¼NE¼ sec. 29, blk. 34, T. 5 N., 3.2 miles southeast of Lamesa on U. S. Highway 87, thence 0.95 mile south on dirt road. Water level, in feet below land-surface datum, 1944: Feb. 25, 66.32.

715. H. H. Barron. NW. corner SW¼ sec. 21, blk. 35, T. 5 N., 3.2 miles southeast of Lamesa on U. S. Highway 87, thence 0.3 mile south on dirt road. Used drilled stock well, diameter 6 inches, depth 81 feet. Measuring point, top of concrete curb, 0.9 foot above land surface. Equipped with windmill.

Water level, in feet below land-surface datum, 1937-38, 1942-44

Date	Water level	Date	Water level	Date	Water level
July 13, 1937	73.66	Apr. 29, 1938	73.32	Feb. 17, 1943	70.25
Jan. 19, 1938	73.59	Aug. 6, 1942	71.54	25, 1944	69.72

718 (*840, p. 397; 845, p. 461; 886, p. 671; 909, p. 109; *989, p. 108). J. E. Garland. No measurements made in 1944.

720 (*840, p. 397; 845, p. 461; 886, p. 671; *989, p. 108). C. H. McCormick. On State Highway 15, 0.35 mile west of U. S. Highway 87. Water level, in feet below land-surface datum, 1944: Feb. 25, 98.55.

Deaf Smith County

109. H. W. Wilson. NW¼NW¼ sec. 41, blk. K5, 21 miles north of Hereford. Used drilled stock well, diameter 4½ inches, depth 162 feet. Measuring point, top of casing, 1.3 feet above land surface. Equipped with windmill. Water levels, in feet below land-surface datum: June 3, 1938, 151.40; June 23, 1943, 151.02; Feb. 19, 1944, 150.70.

113 (*840, p. 398; 845, p. 462; 886, p. 671; 909, p. 109; 939, p. 84; 947, p. 97; *989, p. 108). A. S. Higgins. NW. corner NW¼ sec. 58, blk. K4, 12.5 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 99.42.

127 (*845, p. 462; 886, p. 671; 909, p. 109; 939, p. 84; 947, p. 97; *989, p. 108). Federal Life Insurance Co. Measurements discontinued.

128 (*845, p. 462; 886, p. 671; 909, p. 109; 939, p. 84; 947, p. 97; *989, p. 108). M. H. Byrum. SW¼SE¼ sec. 36, blk. 7, 18 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 24.73.

146. Ward Public School. SW¼SW¼ sec. 100, blk. K4, 10 miles north of Hereford. Used drilled public-supply well, diameter 5 inches, depth 145 feet. Measuring point, top of water-pipe clamp, 0.25 foot above land surface. Equipped with windmill. Water levels, in feet below land-surface datum: Nov. 26, 1937, 117.15; July 5, 1938, 117.56; June 17, 1943, 117.35; Feb. 19, 1944, 117.57.

150 (*845, p. 462; 886, p. 671; 909, p. 109; 939, p. 85; 947, p. 97; *989, p. 108). D. Thompson. NE¼SE¼SE¼ sec. 79, blk. K4, 10.5 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 97.64.

205 (*845, p. 463; 947, p. 98; *989, p. 108). Hill and Ricketts. NW¼NW¼ sec. 50, blk. K3, 2 miles east of State Highway 51, 9.5 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 80.06.

207 (*840, p. 398; 845, p. 463; 886, p. 671; 909, p. 109; 939, p. 85; *989, p. 108). R. Schroeler. NW¼SW¼ sec. 12, blk. K3, 9 miles northeast of Hereford. Measurements resumed. Water level, in feet below land-surface datum, 1944: Feb. 19, 55.46.

212 (*840, p. 398; 845, p. 463; 886, p. 671; 909, p. 109; 939, p. 85; 947, p. 98; *989, p. 108). Alfred May. NW. corner NE¼NW¼ sec. 16, blk. 3, 12 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 71.73.

216 (*840, p. 398; 845, p. 463; 886, p. 671; 909, p. 109; 939, p. 85; 947, p. 98; *989, p. 108). H. H. Miller. SW. corner SE¼ sec. 14, blk. 3, 13 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 67.61.

217 (*840, p. 398; 845, p. 463; 886, p. 671; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 108). W. E. Neal. SE¼NW¼ sec. 21, blk. 3, 13 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 88.77.

219 (*845, p. 463; 886, p. 671; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 108). J. E. Manz. NE. corner NE¼NW¼ sec. 11, blk. 3, 14 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 75.74.

220 (*840, p. 398; 845, p. 463; 886, p. 671; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 108). C. T. Wimberly. SW. corner SW¼ sec. 22, blk. 3, 11.5 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 88.68.

224 (*840, p. 398; 845, p. 463; 886, p. 671; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). A. T. Fry. Formerly owned by M. H. Byrum. SE. corner NE¼SE¼ sec. 25, blk. 3, 10 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 58.54.

226 (*840, p. 398; 845, p. 463; 886, p. 671; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). J. B. Stoker. NW. corner NW¼NE¼ sec. 7, blk. K3, 9 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 53.15.

230 (*840, p. 398; 845, p. 463; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). E. C. Reineaut. NW. corner SW¼ sec. 6, blk. K3, 7.5 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 43.86.

234 (*840, p. 399; 845, p. 463; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). W. H. Akers. Sec. 534, excess acreage strip, 7.75 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 51.64.

235 (*840, p. 399; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). W. G. Slagle. SW¼SE¼ sec. 5, blk. K3, 7 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 51.59.

236 (*840, p. 399; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). Western National Bank. SW. corner SW¼ sec. 5, blk. K3, 6.4 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 48.14.

237 (*840, p. 399; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). B. A. Donelson. Formerly owned by Western National Bank. NW. corner NW¼ sec. 5, blk. K3, 7 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 43.03.

241 (*840, p. 399; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). J. K. Estes. NW. corner NW¼NW¼ sec. 17, blk. K3, 5.5 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 48.26.

242 (*840, p. 399; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 98; *989, p. 109). Travis Damron. NW. corner SW¼ sec. 24, blk. K3, 4.5 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 49.06.

245 (*840, p. 399; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 99; *989, p. 109). A. D. Smith. SW. corner NW¼NW¼ sec. 25, blk. K3, 5.5 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 44.82.

247 (*840, p. 400; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 85; 947, p. 99; *989, p. 109). S. E. Zook. NE¼NE¼ sec. 34, blk. K3, 7.5 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 23.72.

251 (*840, p. 400; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 86; 947, p. 99; *989, p. 110). Thompson and Blakemore. NW. corner SW¼NW¼ sec. 47, blk. K3, 6.5 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 19, 53.96.

258 (*840, p. 400; 845, p. 464; 886, p. 672; 909, p. 110; 939, p. 86; 947, p. 99; *989, p. 110). Roy Davis. Formerly owned by Dr. G. W. Heard. SW. corner NE¼ sec. 77, blk. K3, 3 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 10, 57.78.

261 (*840, p. 400; 845, p. 465; 886, p. 672; 909, p. 110; 939, p. 86; 947, p. 99; *989, p. 110). D. L. McDonald. NW. corner NW¼SW¼ sec. 65, blk. K3, 4 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 57.26.

265 (*840, p. 400; 845, p. 465; 886, p. 672; 909, p. 110; 939, p. 86; 947, p. 99; *989, p. 110). Reineaur Bros. NW. corner SE¼ sec. 74, blk. K3, 6 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 66.71.

272 (*840, p. 401; 845, p. 465; 886, p. 672; 909, p. 111; 939, p. 86; 947, p. 99; *989, p. 110). J. L. Hoffman. SW. corner SE¼SW¼ sec. 86, blk. K3, 5 miles northwest of Hereford. Measurements resumed. Water level, in feet below land-surface datum, 1944: Feb. 18, 73.54.

281 (*845, p. 465; 886, p. 672; 909, p. 111; 939, p. 86; 947, p. 99; *989, p. 110). P. H. Filbin. NW. corner NW¼ sec. 96, blk. K3, 5.5 miles northwest of Hereford. Measurements resumed. Water level, in feet below land-surface datum, 1944: Feb. 18, 68.04.

283 (*840, p. 401; 845, p. 466; 886, p. 672; 909, p. 111; 939, p. 86; 947, p. 99; *989, p. 110). J. T. Gilbreath. North line of NW¼NE¼ sec. 133, blk. M7, 3 miles west of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 65.56.

288 (*840, p. 401; 845, p. 466; 886, p. 672; 909, p. 111; 939, p. 86; 947, p. 99; *989, p. 110). John W. Kropff. NW¼NW¼ sec. 63, blk. K3, 2.5 miles north of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 67.10.

291 (*840, p. 401; 845, p. 466; 886, p. 672; 909, p. 111; 939, p. 86; 947, p. 99; *989, p. 110). S. B. Walker. Formerly owned by S. L. Harman. NW. corner NW¼ sec. 59, blk. K3, 1 mile northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 60.62.

300 (*840, p. 401; 845, p. 466; 886, p. 673; 909, p. 111; 939, p. 86; 947, p. 99; *989, p. 110). Ayres Estate. SW¼SW¼ sec. 43, blk. K3, 2 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 50.51.

301 (*840, p. 402; 845, p. 466; 886, p. 673; 909, p. 111; 939, p. 86; *989, p. 110). No measurements made in 1944.

302 (*840, p. 402; 845, p. 466; 886, p. 673; 909, p. 111; 939, p. 86; 947, p. 99; *989, p. 111). J. L. Fuqua. NE¼SE¼ sec. 38, blk. K3, 4 miles northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 59.97.

308 (*840, p. 402; 845, p. 466; 886, p. 673; 909, p. 111; 939, p. 86; 947, p. 100; *989, p. 111). Hereford State Park. NW. corner NE¼NE¼ sec. 60, blk. K3, 1 mile northeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 49.31.

311 (*840, p. 402; 845, p. 466; 886, p. 673; 909, p. 111; 939, p. 86; 947, p. 100; *989, p. 111). H. H. Boardman. SW¼SE¼SW¼ sec. 41, blk. K3, 2 miles east of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 49.41.

315 (*840, p. 402; 845, p. 466; 886, p. 673; 909, p. 111; 939, p. 86; 947, p. 100; *989, p. 111). C. P. Hussey. SW¼NE¼ sec. 67, blk. M7, 3.5 miles east of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 56.53.

319 (*845, p. 467; 886, p. 673; 909, p. 111; 939, p. 87; 947, p. 100; *989, p. 111). Measurements discontinued.

322 (*840, p. 402; 845, p. 467; 886, p. 673; 909, p. 111; 939, p. 87; 947, p. 100; *989, p. 111). Lloyd Edwards. SW. corner SE¼ sec. 112, blk. M7, 2.5 miles south of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 73.80.

331 (*840, p. 403; 845, p. 467; 886, p. 673; 909, p. 111; 939, p. 87; 947, p. 100; *989, p. 111). M. C. Doss. SW. corner NW¼ sec. 107, blk. M7, 4 miles south of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 78.00.

336 (*840, p. 403; 845, p. 467; 886, p. 673; 909, p. 111; 939, p. 87; 947, p. 100; *989, p. 111). E. J. Boeskin. SW. corner NE¼ sec. 86, blk. M7, 3.5 miles southeast of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 88.95.

340 (*845, p. 467; 886, p. 673; 909, p. 111; 939, p. 87; 947, p. 100; *989, p. 111). Felix Urbanczyk. SW¼SW¼ sec. 108, blk. M7, 3.75 miles south of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 78.89.

342 (*845, p. 467; 886, p. 673; 909, p. 112; 939, p. 87; 947, p. 100; *989, p. 111). Felix Urbanczyk. NE¼SE¼ sec. 108, blk. M7, 3.5 miles south of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 17, 78.32.

431 (*840, p. 403; 845, p. 467; 886, p. 673; 909, p. 112; 939, p. 87; 947, p. 100; *989, p. 111). Mrs. M. Wooldridge. NE¼NE¼ sec. 152, blk. M7, 4.5 miles southwest of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 69.62.

502 (*845, p. 468; 886, p. 673; 909, p. 112; 939, p. 87; 947, p. 100; *989, p. 111). M. S. Tannahill. NW¼NW¼ sec. 50, blk. KB, 8.5 miles west of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 99.18.

506 (*845, p. 468; 886, p. 673; 909, p. 112; 939, p. 87; 947, p. 100; *989, p. 112). Alton Fraser. NW¼NW¼ sec. 5, Gregg County School land, 9 miles west of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 77.20.

513 (*845, p. 468; 886, p. 673; 909, p. 112; 947, p. 100; *989, p. 112). W. L. Parrott. SW¼SW¼ sec. 174, blk. M7, 7.5 miles southwest of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 77.95.

514 (*845, p. 468; 886, p. 673; *989, p. 112). B. A. Achley. SW¼SW¼ sec. 173, blk. M7, 8 miles southwest of Hereford. Water level, in feet below land-surface datum, 1944: Feb. 18, 105.78.

Dimmit County

M9-9 (*777, p. 187; 840, p. 403; 845, p. 469; 886, p. 674; 909, p. 112; 939, p. 87; 947, p. 100; *989, p. 112). No measurements made in 1944.

M7-25 (*909, p. 112; 939, p. 87; 947, p. 101; *989, p. 112). Measurements discontinued.

N7-34 (*777, p. 187; 840, p. 403; 845, p. 469; 886, p. 674; 909, p. 112; 939, p. 87; 947, p. 101; *989, p. 112). Byrd Cattle Co. 2 miles northwest of Winter Haven. Water level, in feet below land-surface datum, 1944: July 9, 55.05.

N7-48 (*777, p. 188; 840, p. 403; 845, p. 469; 886, p. 674; 909, p. 112; 939, p. 87; 947, p. 101; *989, p. 112). H. Hagelstein. No measurements made in 1944.

N7-78 (*777, p. 188; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 112; 939, p. 88; 947, p. 101; *989, p. 112). C. Schmitt. 2 miles northwest of Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 8, 106.38; Aug. 14, 107.63.

N7-95 (*777, p. 189; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 112; 939, p. 88; 947, p. 101; *989, p. 112). M. E. Cook. 3 miles west of Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 8, 75.36; Aug. 14, 75.49.

N7-125 (*777, p. 189; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 112; 939, p. 88; 947, p. 101; *989, p. 112). J. Gardner. In Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 8, 69.05; Aug. 14, 69.24.

N7-135 (*777, p. 189; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 112). J. L. Bell. 2 miles southwest of Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 8, 33.05; Aug. 11, 33.15.

N8-26 (*777, p. 190; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 113). Geo. C. Riha. 4 miles southeast of Winter Haven. Water levels, in feet below land-surface datum, 1944: July 8, 66.84; Aug. 11, 74.55.

N8-28 (*777, p. 190; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 113). G. W. Weston. 4 miles southeast of Winter Haven. Water levels, in feet below land-surface datum, 1944: July 8, 66.01; Aug. 11, 75.69.

N8-40 (*777, p. 191; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 113). John Stahl. 3 miles northeast of Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 8, 47.58; Aug. 11, 78.34.

N8-47 (*777, p. 191; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 113). C. W. Miller. 2 miles east of Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 10, 99.41; Aug. 10, 117.50.

N8-50 (*777, p. 191; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 113). I. O. Kotchman. Measurements discontinued.

N8-58 (*777, p. 192; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 113). G. Denton Estate. 6 miles northeast of Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 10, 53.37; Aug. 10, 62.36.

N8-103 (*777, p. 192; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 101; *989, p. 113). Nueces Land & Irrigation Co. No measurements made in 1944.

N9-8 (*777, p. 193; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; *989, p. 113). T. S. Buchanan. No measurements made in 1944.

N9-12 (*777, p. 193; 840, p. 404; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; 947, p. 102; *989, p. 113). Federal Land Bank. No measurements made in 1944.

N9-16 (*777, p. 193; 840, p. 404; 909, p. 113; 947, p. 102; *989, p. 113). Boyd Bros. Formerly owned by R. B. White Co. 1.5 miles east of Big Wells. Water levels, in feet below land-surface datum, 1944: July 11, 75.50; Aug. 10, 80.51.

N9-25 (*777, p. 193; 840, p. 405; 845, p. 469; 886, p. 674; 909, p. 113; *989, p. 113). Order of Calenthia. 4 miles southeast of Brundage. Water levels, in feet below land-surface datum, 1944: July 11, 30.61; Aug. 10, 36.84.

N9-32 (*777, p. 193; 840, p. 405; 845, p. 469; 886, p. 674; 909, p. 113; 939, p. 88; *989, p. 113). P. J. Lewis. No measurements made in 1944.

N9-33 (*909, p. 114; 939, p. 88; 947, p. 102; *989, p. 115). P. L. Lewis. 2.5 miles south of Big Wells. Water levels, in feet below land-surface datum, 1944: July 11, 38.97; Aug. 10, 43.79.

O7-3 (*777, p. 194; 840, p. 405; 845, p. 469; 886, p. 674; 909, p. 114; 939, p. 88; 947, p. 102; *989, p. 114). G. W. Hatch. 9 miles northwest of Big Wells. Water levels, in feet below land-surface datum, 1944: July 11, 103.18; Aug. 10, 102.03.

S1-15 (*777, p. 195; 840, p. 405; 845, p. 469; 886, p. 674; 909, p. 114; 939, p. 88; *989, p. 114). Central Securities Co. 6 miles southwest of Carrizo Springs. Water level, in feet below land-surface datum, 1944: July 8, 56.72.

S1-16 (*777, p. 195; 840, p. 405; 845, p. 469; 886, p. 674; 909, p. 114; 939, p. 88; 947, p. 102; *989, p. 114). C. W. Gilfillan & Son. 4.5 miles southwest of Carrizo Springs. Water level, in feet below land-surface datum, 1944: Aug. 11, 61.82.

S1-18 (*777, p. 195; 840, p. 405; 845, p. 469; 886, p. 674; 909, p. 114; 939, p. 88; 947, p. 102; *989, p. 114). Central Securities Co. 3.5 miles southwest of Carrizo Springs. Water levels, in feet below land-surface datum, 1944: July 8, 106.22; Aug. 11, 106.85.

S2-24 (*777, p. 195; 840, p. 405; 845, p. 469; 886, p. 674; 909, p. 114; 939, p. 88; 947, p. 102; *989, p. 114). L. V. Richardson. No measurements made in 1944.

S2-27 (*777, p. 195; 840, p. 405; 845, p. 469; 886, p. 675; 909, p. 114; 947, p. 102; *989, p. 114). J. A. McDonald. 3.5 miles northeast of Asherton. Water levels, in feet below land-surface datum, 1944: July 11, 65.76; Aug. 11, 65.59.

S2-29 (*777, p. 196; 840, p. 405; 845, p. 469; 886, p. 675; 909, p. 114; 939, p. 88; 947, p. 102; *989, p. 114). E. W. Tackett. No measurements made in 1944.

S2-78 (*777, p. 196; 840, p. 405; 845, p. 470; 886, p. 675; 909, p. 114; 939, p. 89; 947, p. 102; *989, p. 114). J. W. Robinson. 2.5 miles southwest of Asherton. Water levels, in feet below land-surface datum, 1944: July 11, 176.11; Aug. 12, 190.57.

S2-91 (*777, p. 197; 840, p. 405; 845, p. 470; 886, p. 675; 909, p. 114; 939, p. 89; *989, p. 114). L. Zaunbrecher. Measurements discontinued.

S2-94 (*777, p. 197; 840, p. 405; 845, p. 470; 909, p. 114; 939, p. 89; *989, p. 114). Catarina Farms Co. 9 miles west of Catarina. Water level, in feet below land-surface datum, 1944: Aug. 12, 191.54.

S2-102 (*777, p. 197; 840, p. 405; 845, p. 470; 886, p. 675; 909, p. 114; 939, p. 89; 947, p. 102; *989, p. 114). Wm. H. McKinney. 4 miles northwest of Catarina. Water levels, in feet below land-surface datum, 1944: July 11, 113.99; Aug. 12, 113.14.

S3-10 (*777, p. 197; 840, p. 405; 845, p. 470; 886, p. 675; 909, p. 114; 939, p. 89; 947, p. 103; *989, p. 114). Catarina Farms Co. 4.5 miles northeast of Catarina. Water levels, in feet below land-surface datum, 1944: July 7, 88.87; Aug. 12, 88.33.

S3-16 (*909, p. 114; 937, p. 89; *989, p. 114). Catarina Farms Co. No measurements made in 1944.

S3-3 (*777, p. 197; 840, p. 405; 845, p. 470; 909, p. 115; 939, p. 89; 947, p. 103; *989, p. 115). Catarina Farms Co. Formerly owned by Ingram & Eckler. 6 miles west of Catarina. Water levels, in feet below land-surface datum, 1944: July 7, 110.40; Aug. 12, 120.80.

S5-5 (*777, p. 198; 840, p. 405; 845, p. 470; 909, p. 115; 939, p. 89; 947, p. 103; *989, p. 115). Dolph Briscoe. Formerly owned by Catarina Farms Co. 13 miles southwest of Catarina. Water levels, in feet below land-surface datum, 1944: July 7, 78.27; Aug. 12, 77.08.

S5-10 (*777, p. 198; 840, p. 405; 845, p. 470; 886, p. 675; 909, p. 115; 947, p. 103; *989, p. 115). Catarina Farms Co. 5 miles southwest of Catarina. Water levels, in feet below land-surface datum, 1944: July 7, 96.06; Aug. 12, 96.26.

S6-4 (*777, p. 198; 840, p. 405; 845, p. 470; 886, p. 675; 909, p. 115; 939, p. 89; 947, p. 103; *989, p. 115). O. V. Ray. 1.5 miles southeast of Catarina. Water levels, in feet below land-surface datum, 1944: July 7, 22.55; Aug. 12, 21.57.

T1-5 (*777, p. 198; 840, p. 405; 845, p. 470; 886, p. 675; 909, p. 115; 939, p. 89; *989, p. 115). Bob Graves. 2.25 miles east of Valley Wells. Water level, in feet below land-surface datum, 1944: Aug. 10, 14.42.

Duval County

(No measurements made in 1944).

El Paso County

8 (*817, p. 331; 840, p. 408; 845, p. 473; 886, p. 678; 909, p. 119; 939, p. 91; 947, p. 103; *989, p. 118). El Paso Electric Co. well 4. At Santa Fe and Fourth Streets.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 12	19.77	May 24	21.17	Aug. 18	19.75	Nov. 20	19.93
Mar. 28	20.03	June 21	21.17	Sept.25	19.47	Dec. 27	19.72
Apr. 24	19.85	July 21	19.25	Oct. 23	19.72		

9 (*817, p. 331; 840, p. 408; 845, p. 474; 886, p. 678; 909, p. 119; 939, p. 91; 947, p. 103; *989, p. 118). El Paso Electric Co. well 3. At Santa Fe and Fourth Street.

Water level, in feet below land-surface datum, 1944

Feb. 12	14.90	May 24	17.41	Sept.25	16.22	Nov. 20	15.72
Mar. 28	16.88	Aug. 18	15.92	Oct. 23	16.05	Dec. 27	14.34
Apr. 24	15.26						

10 (*845, p. 474; 886, p. 678; 908, p. 119; 939, p. 92; 947, p. 103; *989, p. 118). City of El Paso drainage well. At Fourth and Oregon Streets.

Water level, in feet below land-surface datum, 1944

Feb. 12	12.97	May 24	15.16	Aug. 25	16.12	Nov. 20	15.99
Mar. 28	14.03	June 21	17.65	Sept.25	14.67	Dec. 27	13.44
Apr. 24	13.58	July 21	17.69	Oct. 23	14.29		

12 (*817, p. 331; 840, p. 408; 845, p. 474; 886, p. 678; 909, p. 119; 939, p. 92; 947, p. 103; *989, p. 118). City of Juarez well 1. In Ciudad Juarez, Chihuahua, Mexico, at Municipal Market. Water levels, in feet below land-surface datum, 1944: Feb. 12, 105.18, pumping; June 21, 78.70, pumping; Sept. 26, 77.08, pumping.

13 (*817, p. 331; 840, p. 408; 845, p. 474; 886, p. 678; 909, p. 119; 939, p. 92; 947, p. 103; *989, p. 118). City of Juarez well 2. No measurements made in 1944.

18 (*817, p. 331; 840, p. 408; 845, p. 474; 886, p. 678; 909, p. 119; 939, p. 92; 947, p. 104; *989, p. 119). City of Juarez well 3. In Ciudad Juarez, Chihuahua, Mexico, near Hipodromo. Water levels, in feet below land-surface datum, 1944: Feb. 12, 37.51, pumping; Apr. 24, pumping; June 21, 51.02, pumping; Sept. 26, 42.56, pumping.

19 (*817, p. 332; 840, p. 408; 845, p. 474; 886, p. 678; 909, p. 119; 939, p. 92; 947, p. 104; *989, p. 119). El Paso Milling Co. At Kansas and Eleventh Streets. Water levels, in feet below land-surface datum, 1944: Feb. 12, 18.84; Apr. 24, 18.98; June 21, 19.65; Aug. 23, 19.38.

19a (*939, p. 92; 947, p. 104; *989, p. 119). El Paso Milling Co. well 1. On river bank near Kansas and Eleventh Streets. Water level, in feet below land-surface datum, 1944: Feb. 12, 10.87. Well filled with rocks; measurements discontinued.

21 (*817, p. 332; 840, p. 409; 845, p. 474; 886, p. 678; 909, p. 119; 939, p. 92; 947, p. 104; *989, p. 119). City of El Paso well 10. At Campbell and Sixth Streets.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 12	24.06	May 24	25.16	Aug. 23	23.92	Nov. 20	22.94
Mar. 28	23.95	June 21	24.36	Sept.25	23.57	Dec. 27	21.75
Apr. 24	23.80	July 19	23.70	Oct. 23	23.27		

26 (*817, p. 332; 840, p. 409; 845, p. 475; 886, p. 679; 909, p. 120; 939, p. 92; 947, p. 104; *989, p. 119). Acme Laundry. At 905 East Missouri Street.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Feb. 27	55.62	Apr. 30	54.31	June 25	54.05
Mar. 26	54.46	May 28	54.04		

29a (*909, p. 120; 939, p. 92; 947, p. 104; *989, p. 119). Consumers Ice & Fuel Co. well 2. At Cotton and Dallas Streets.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 11	43.87	May 24	44.80	Aug. 23	48.87	Nov. 20	38.80
Mar. 22	44.46	June 21	48.95	Sept.25	39.44	Dec. 20	39.60
Apr. 24	39.10	July 19	41.55	Oct. 23	47.92		

30a (*845, p. 475; *886, p. 679; 909, p. 120; 939, p. 93; 947, p, 104; *989, p. 119). City of El Paso well 14. At San Antonio and Walnut Streets.

Water level, in feet below land-surface datum, 1944

Feb. 11	a 59.02	June 22	a 61.68	Sept.26	32.84	Nov. 20	29.63
Apr. 24	33.28	July 25	32.84	Oct. 23	a 60.68	Dec. 27	31.80
May 24	a 59.13	Aug. 31	a 60.70				

a Pumping.

32a (*886, p. 679; 909, p. 120; 939, p. 93; 947, p. 104; *989, p. 119). City of El Paso well 17. At San Antonio and Tornillo Streets.

Water level, in feet below land-surface datum, 1944

Feb. 11	40.09	May 24	a 67.17	Aug. 23	a 68.34	Oct. 23	a 68.28
Mar. 22	a 66.44	June 21	a 68.76	Sept.25	36.40	Dec. 20	a 66.44
Apr. 24	35.89	July 19	37.81				

a Pumping.

39 (*817, p. 333; 840, p. 409; 845, p. 475; 886, p. 680; 909, p. 121; 939, p. 93; 947, p. 105; *989, p. 120). Midwest Dairies, Inc. At Piedras and Oro Streets.

Water level, in feet below land-surface datum, 1944

Feb. 2	44.30	June 22	48.89	Sept.26	39.64	Nov. 20	37.17
Apr. 24	41.79	July 21	44.72	Oct. 23	47.85	Dec. 26	38.19
May 28	43.66						

40 (*817, p. 333; 840, p. 409; 845, p. 475; 886, p. 680; 909, p. 121; 939, p. 93; 947, p. 105; *989, p. 120). City of El Paso well. No measurements made in 1944.

42 (*817, p. 334; 840, p. 410; 845, p. 475; 886, p. 680; 909, p. 121; 939, p. 93; 947, p. 105; *989, p. 120). City of El Paso well 9. At Luna and Pera Streets.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 24	31.44	July 19	35.48	Sept.27	30.23	Nov. 20	29.97
June 21	a 74.29	Aug. 31	a 74.14	Oct. 23	a 81.45	Dec. 26	28.62

a Pumping.

44 (*817, p. 334; 840, p. 410; 845, p. 476; 886, p. 680; 909, p. 121; 939, p. 93; 947, p. 105; *989, p. 120). Harry Mitchell Brewing Co. At Travis and Frutas Streets.

Water level, in feet below land-surface datum, 1944

Feb. 27	28.00	May 28	32.31	July 19	38.80	Oct. 24	38.51
Mar. 26	28.63	June 22	40.49	Aug. 21	41.94	Dec. 21	30.05
Apr. 30	29.73						

48a (*909, p. 121; 939, p. 93; 947, p. 105; *989, p. 120). City of El Paso well 18. In Hadlock Addition.

Water level, in feet below land-surface datum, 1944

Feb. 11	31.89	May 24	33.89	Sept.26	27.55	Nov. 20	26.28
Mar. 22	29.35	June 22	a 75.76	Oct. 23	32.90	Dec. 20	25.91
Apr. 24	30.32	July 19	32.94				

a Pumping.

48b (*909, p. 122; 939, p. 93; 947, p. 105; *989, p. 120). City of El Paso test well 33. Near Franklin Canal.

Water level, in feet below land-surface datum, 1944

Feb. 11	22.75	May 24	22.53	Aug. 31	22.76	Nov. 20	19.72
Mar. 22	22.15	June 22	24.74	Sept.26	20.09	Dec. 20	19.73
Apr. 24	20.50	July 19	24.01	Oct. 23	23.60		

49 (*840, p. 410; 845, p. 476; 886, p. 680; 909, p. 122; 939, p. 93; 947, p. 105; *989, p. 121). City of El Paso well 4. In Montana well field.

Water level, in feet below land-surface datum, 1944

Feb. 23	73.93	May 24	74.87	Aug. 31	75.50	Nov. 20	70.97
Mar. 28	73.62	June 21	80.57	Sept.26	71.86	Dec. 20	71.00
Apr. 24	72.85	July 21	79.44	Oct. 23	76.90		

50 (*840, p. 410; 845, p. 476; 886, p. 680; 909, p. 122; 939, p. 94; 947, p. 105; *989, p. 121). City of El Paso well 1. In Montana well field.

Water level, in feet below land-surface datum, 1944

Feb. 23	94.76	May 24	94.16	Aug. 30	94.64	Nov. 20	90.41
Mar. 28	94.44	June 21	98.98	Sept.26	92.25	Dec. 20	89.69
Apr. 24	93.49	July 21	97.49	Oct. 23	95.35		

51 (*817, p. 334; 840, p. 410; 845, p. 476; 886, p. 680; 909, p. 122; 939, p. 94; 947, p. 105; *989, p. 121). City of El Paso well 2. In Montana well field.

Water level, in feet below land-surface datum, 1944

Feb. 23	101.54	May 24	102.63	Aug. 30	102.68	Nov. 20	99.19
Mar. 28	101.26	June 21	a 110.04	Sept.26	99.80	Dec. 20	98.93
Apr. 24	101.21	July 21	a 108.85	Oct. 24	104.06		

a Pumping.

52 (*817, p. 334; 840, p. 410; 845, p. 476; 886, p. 680; 909, p. 122; 939, p. 94; 947, p. 106; *989, p. 121). City of El Paso well 3. In Montana well field.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 23	110.62	May 24	111.43	Aug. 30	111.67	Nov. 20	108.37
Mar. 28	110.25	June 21 a	145.49	Sept.26	108.85	Dec. 20	107.57
Apr. 24	110.16	July 21 a	143.43	Oct. 24	122.80		

a Pumping.

53 (*817, p. 335; 840, p. 410; 845, p. 476; 886, p. 681; 909, p. 122; 939, p. 94; 947, p. 106; *989, p. 121). Loretto College. At Clifton and Raynolds Streets.

Water level, in feet below land-surface datum, 1944

Feb. 23	138.20	May 24	140.52	Aug. 30	140.48	Nov. 20	136.96
Mar. 28	138.91	June 22	145.75	Sept.26	137.36	Dec. 21	135.86
Apr. 24	139.71	July 19	145.80	Oct. 23	141.56		

55 (*817, p. 335; 840, p. 411; 845, p. 476; 886, p. 681; 909, p. 122; 939, p. 94; 947, p. 106; *989, p. 121). The Texas Co. 0.6 mile northeast of Aecarate.

Water level, in feet below land-surface datum, 1944

Feb. 11	46.20	June 21	49.19	Sept.26	46.85	Nov. 20	45.40
Apr. 28	46.24	July 26	48.42	Oct. 24	47.60	Dec. 26	44.83
May 24	47.63						

58 (*989, p. 121). Pasotex Petroleum Co. well 3. 620 feet east and 490 feet south of intersection of Wamble Boulevard and Texas Avenue. Water level, in feet below land-surface datum, 1944: Feb. 24, 60.75.

59 (947, p. 106; *989, p. 122). Phelps-Dodge Refining Corporation well 1. 933 feet east of branch of Southern Pacific Railroad and 1,463 feet north of North Loop Road.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Feb. 18	75.19	June 23	76.24	Oct. 24	77.10
Apr. 28	76.70	Sept.26	75.37		

59a (*947, p. 106; *989, p. 122). Phelps-Dodge Refining Corporation well 2. Near well 59.

Water level, in feet below land-surface datum, 1944

Feb. 17	66.76	June 22	66.53	Oct. 25	66.95
Apr. 29	66.95	Sept.27	64.32	Dec. 29	65.53

64 (*817, p. 335; 840, p. 411; 845, p. 477; 886, p. 681; 909, p. 122; 939, p. 94; 947, p. 106; *989, p. 122). City of El Paso and Geological Survey test well 1. On Carlsbad Highway.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 11	264.70	May 25	265.29	Aug. 23	265.48	Nov. 20	265.87
Mar. 28	265.20	June 22	265.58	Sept.27	265.60	Dec. 21	266.92
Apr. 25	266.23	July 26	265.54	Oct. 24	269.97		

67b (*845, p. 477; 886, p. 681; 909, p. 123; 939, p. 94; 947, p. 106; *989, p. 122). Texas & New Orleans Railroad Co. well 3. Near south entrance to Fort Bliss.

Water level, in feet below land-surface datum, 1944

Feb. 17	221.21	Apr. 27	222.77	June 27	225.54	Nov. 22	221.99
Mar. 29	221.15	May 27	223.36	July 27	223.46	Dec. 25	218.33

72 (*817, p. 335; 840, p. 411; 845, p. 477; 886, p. 681; 909, p. 123; 939, p. 94; 947, p. 107; *989, p. 122). United States War Department, Fort Bliss well 2.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 17	226.21	Apr. 29	230.69	June 29	240.14	Dec. 21	233.26
Mar. 28	228.60	May 27	231.70	July 29	236.66		

75b (*845, p. 477; 886, p. 681; 909, p. 123; 939, p. 95; 947, p. 107; *989, p. 122). City of El Paso test well 10. 0.6 mile south of Wilson Road and 0.6 mile west of Airport Road.

Water level, in feet below land-surface datum, 1944

Feb. 23	212.84	May 25	216.53	Aug. 30	215.65	Nov. 21	217.35
Mar. 28	213.95	June 22	217.49	Sept.27	215.27	Dec. 21	214.40
Apr. 27	215.20	July 28	216.05	Oct. 25	216.77		

75d (*909, p. 123; 939, p. 95; 947, p. 107; *989, p. 122). City of El Paso well 19. On Airport Road, 0.6 mile south of Wilson Road. Water levels, in feet below land-surface datum, 1944: Feb. 20, 240.40; Mar. 28, 241.67; June 22, 269.35.

76 (*817, p. 336; 840, p. 411; 845, p. 478; 886, p. 681; 909, p. 123; 939, p. 95; 947, p. 107; *989, p. 122). City of El Paso and Geological Survey test well 2. Near southeast corner of Biggs Field.

Water level, in feet below land-surface datum, 1944

Feb. 23	243.46	May 25	245.72	Aug. 23	245.42	Nov. 20	245.00
Mar. 28	243.69	June 22	243.69	Sept.27	245.35	Dec. 21	244.90
Apr. 25	244.97	July 26	245.83	Oct. 24	245.43		

77 (*817, p. 336; 840, p. 411; 845, p. 478; 886, p. 681; 909, p. 123; 939, p. 95; 947, p. 107; *989, p. 123). City of El Paso well 12. In Mesa well field.

Water level, in feet below land-surface datum, 1944

Feb. 20	216.12	May 25	225.03	Aug. 23	223.17	Nov. 20	218.19
Mar. 28	217.61	June 22	229.47	Sept.27	221.38	Dec. 21	216.78
Apr. 27	220.95	July 26	222.35	Oct. 25	219.91		

77b (*845, p. 478; 886, p. 681; 909, p. 123; 939, p. 94; 947, p. 107; *989, p. 123). City of El Paso well 15. At Wilson and Airport Roads. Water level, in feet below land-surface datum, 1944: July 19, 240.55.

78 (*886, p. 682; 909, p. 123; 939, p. 95; 947, p. 107; *989, p. 123). City of El Paso well 11. No measurements made in 1944.

78c (*845, p. 478; 886, p. 682; 909, p. 124; 939, p. 95; 947, p. 107; *989, p. 123). City of El Paso test well 4. 1 mile north of city well 11.

Water level, in feet below land-surface datum, 1944

Feb. 23	194.43	May 25	194.78	Aug. 23	195.23	Nov. 20	195.31
Mar. 28	194.66	June 23	195.28	Sept.27	195.15	Dec. 21	195.34
Apr. 24	194.67	July 26	195.09	Oct. 24	195.23		

79 (*845, p. 478; 886, p. 682; 909, p. 124; 939, p. 95; 947, p. 107; *989, p. 123). City of El Paso well 8. In Mesa well field.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Feb. 28	207.36	Apr. 27	211.12	Dec. 21	207.01
Mar. 28	208.41	Aug. 25	212.26		

82a (*939, p. 93; 947, p. 107; *989, p. 123). City of El Paso test well 20. 1 mile north of Mesa well field.

82a. City of El Paso--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 15	a 273.30	May 25	a 278.55	Aug. 23	a 273.16	Nov. 20	207.42
Mar. 28	a 275.32	June 29	a 276.89	Sept.27	208.90	Dec. 21	205.70
Apr. 25	a 275.63	July 26	212.09	Oct. 25	208.60		

a Pumping.

112 (*817, p. 336; 840, p. 412; 845, p. 479; 886, p. 682; 909, p. 124; 939, p. 95; 947, p. 108; *989, p. 123). City of El Paso old Mesa well 32. In Mesa well field.

Water level, in feet below land-surface datum, 1944

Feb. 20	204.98	May 25	213.60	Sept.27	212.14	Nov. 20	210.90
Mar. 28	205.56	July 26	213.36	Oct. 24	212.07	Dec. 21	205.05
Apr. 27	206.95	Aug. 23	208.69				

128b (*939, p. 96; 947, p. 108; *989, p. 123). City of El Paso well 21. 2 miles north of Mesa well field. Pumping at time of each measurement.

Water level, in feet below land-surface datum, 1944

Feb. 15	248.80	May 25	250.10	Aug. 23	248.58	Nov. 20	244.82
Mar. 28	248.38	June 29	250.14	Sept.27	246.29	Dec. 21	245.86
Apr. 25	249.51	July 27	246.97	Oct. 25	247.22		

128c (*886, p. 682; 909, p. 124; 939, p. 96; 947, p. 108; *989, p. 124). City of El Paso well 23. 2.5 miles north of Mesa well field.

Water level, in feet below land-surface datum, 1944

Feb. 23	198.73	May 25	199.26	Aug. 23	199.77	Nov. 20	199.95
Mar. 28	199.12	June 23	199.66	Sept.27	199.81	Dec. 21	200.10
Apr. 24	199.15	July 27	199.66	Oct. 25	200.00		

130 (*840, p. 412; 845, p. 479; 909, p. 124; 939, p. 96; 947, p. 108; *989, p. 124). G. T. Cook. At Sunrise Acres. 2.9 miles north of Wilson Road.

Water level, in feet below land-surface datum, 1944

Feb. 23	253.60	May 25	254.13	Aug. 23	255.49	Nov. 22	255.71
Mar. 28	256.00	June 23	254.53	Sept.28	255.32	Dec. 21	254.47
Apr. 25	254.10	July 27	256.04	Oct. 25	255.89		

136 (*817, p. 339; 840, p. 412; 845, p. 479; 886, p. 682; 909, p. 124; 939, p. 96; 947, p. 108; *989, p. 124). City of El Paso and Geological Survey test well 3. 6.9 miles north of Wilson Road.

Water level, in feet below land-surface datum, 1944

Feb. 23	246.12	May 25	246.24	Aug. 23	246.50	Nov. 21	246.49
Mar. 28	246.10	June 23	246.39	Sept.28	246.49	Dec. 21	246.59
Apr. 24	246.19	July 27	246.42	Oct. 25	246.60		

139a (*909, p. 125; 939, p. 96; 947, p. 108; *989, p. 124). City of El Paso test well 30. 12 miles north of Mesa well field.

Water level, in feet below land-surface datum, 1944

Feb. 23	337.21	July 28	337.02	Sept.28	337.18	Nov. 21	337.20
June 23	337.16	Aug. 30	337.02	Oct. 25	336.99	Dec. 21	337.15

143a (*909, p. 124; 939, p. 96; 947, p. 108; *989, p. 124). City of El Paso test well 29. 9 miles north of Mesa well field.

Water level, in feet below land-surface datum, 1944

Feb. 23	318.20	July 28	316.82	Sept.29	317.90	Nov. 23	317.64
June 23	317.91	Aug. 30	317.86	Oct. 25	317.76	Dec. 21	317.90

160 (*947, p. 109; *989, p. 124). Ysleta Jesuit College. 3.75 miles east of Phelps-Dodge Refining Corporation and about 4 miles north of Ysleta. Water level, in feet below land-surface datum, 1944: Feb. 28, 65.35.

166 (*947, p. 109; *989, p. 124). Civilian Conservation Corps camp. 2 miles north-northeast of Ysleta. Water level, in feet below land-surface datum, 1944: Feb. 28, 75.72.

Floyd County

5 (*840, p. 413; 845, p. 480; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 124). M. C. Scheele. SW. corner SE¼ sec. 127, blk. D2, 11 miles northwest of Lockney. Water level, in feet below land-surfacs datum, 1944: Feb. 11, 53.78.

14 (*840, p. 413; 845, p. 480; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 124). Herman R. King. SW¼SW¼SE¼ sec. 5, blk. C9, 10 miles north of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 58.30.

32 (*840, p. 413; 845, p. 480; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). Frank Whitfell. No measurements made in 1944.

57 (*840, p. 413; 845, p. 480; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). T. L. Wilhite. NE¼NW¼ sec. 87, blk. D2, 7.5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 11, 63.07.

106 (*840, p. 413; 845, p. 480; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). Texas Land & Development Co. SW¼NE¼NW¼ sec. 65, blk. D2, 6 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 1, 60.90.

108 (*845, p. 480; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). Texas Land & Development Co. NW. corner SE¼ sec. 65, blk. D2, 6.5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 11, 60.12.

111 (*840, p. 414; 845, p. 481; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). Texas Land & Development Co. SW¼SW¼SW¼ sec. 65, blk. D2, 6.5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 1, 55.59.

112 (*840, p. 414; 845, p. 481; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). Texas Land & Development Co. NW¼NW¼NW¼ sec. 12, blk. D5, 7 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 1, 54.67.

120 (*845, p. 481; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). Francis Carthel. NW. corner NW¼ sec. 1, blk. D5, 4.5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 61.54.

124 (*840, p. 414; 845, p. 481; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 124). Rose Lee Carthel. NW¼SW¼SW¼ sec. 50, blk. 50, blk. D2, 3.5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 44.07.

139 (*840, p. 414; 845, p. 481; 947, p. 110; *989, p. 125). Texas Land & Development Co. SE. corner SE¼ sec. 2, blk. D5, 3 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 65.51.

140 (*845, p. 481; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 110; *989, p. 125). Wayne Holt. Formerly owned by Texas Land & Development Co. SW¼NE¼ sec. 2, blk. D5, 3.5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 57.90.

143 (*840, p. 414; 845, p. 481; 886, p. 683; 909, p. 126; 939, p. 97; 947, p. 111; *989, p. 125). Plainview-Lockney Farms. SE¼NW¼SW¼ sec. 8, blk. D5, 5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 64.72.

150 (*840, p. 414; 845, p. 481; 886, p. 684; 909, p. 126; 939, p. 97; 947, p. 111; *989, p. 125). M. S. Gholson. NW. corner NW¼ sec. 8, blk. D5, 3.5 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 47.12.

153 (*840, p. 415; 845, p. 481; 886, p. 684; 909, p. 126; 939, p. 97; 947, p. 111; *989, p. 125). E. C. Morrow. SW. corner NW¼ sec. 15, blk. D5, 6.5 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 55.12.

157 (*840, p. 415; 845, p. 482; 886, p. 684; 909, p. 126; 939, p. 97; 947, p. 111; *989, p. 126). Texas Land & Development Co. NW. corner NW¼ sec. 10, blk. D5, 6 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 56.86.

161 (*840, p. 415; 845, p. 482; 886, p. 684; 909, p. 127; 939, p. 97; 947, p. 111; *989, p. 126). Texas Land & Development Co. SW. corner NE¼ sec. 10, blk. D5, 5.5 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 62.98.

326 (*947, p. 111; *989, p. 126). W. C. Sims. No measurements made in 1944.

401 (*840, p. 415; 845, p. 482; 886, p. 684; 909, p. 127; 939, p. 97; 947, p. 111; *989, p. 126). George Whitfield. Measurements discontinued.

409 (*840, p. 415; 845, p. 482; 886, p. 684; 909, p. 127; 939, p. 98; 947, p. 111; *989, p. 126). Texas Land & Development Co. No measurements made in 1944.

410 (*845, p. 482; 886, p. 684; 909, p. 127; 939, p. 98; 947, p. 111; *989, p. 126). W. C. McGrede. SW. corner W½ sec. 44, blk. D6, 5.5 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 16, 50.83.

414 (*845, p. 482; 886, p. 684; 909, p. 127; 939, p. 98; 947, p. 111; *989, p. 126). Mrs. Harriet B. Robbins. NW. corner SW¼NW¼ sec. 46, blk. D6, 4.5 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 65.71.

416 (*845, p. 482; 886, p. 684; 909, p. 127; 939, p. 98; 947, p. 111; *989, p. 126). John Spears. NW. corner NE¼SW¼ sec. 46, blk. D6, 4.5 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 65.08.

421 (*840, p. 415; 845, p. 482; 886, p. 684; 909, p. 127; 939, p. 98; 947, p. 111; *989, p. 126). W. W. Cooper. NW. corner NW¼ sec. 48, blk. D6, 3.5 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 64.50.

428 (*845, p. 483; 886, p. 684; 909, p. 127; 939, p. 98; 947, p. 111; *989, p. 126). Texas Land & Development Co. NW. corner F. Griggs survey, 3.5 miles southwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 52.33.

435 (*840, p. 416; 845, p. 483; 886, p. 685; 909, p. 127; 939, p. 98; 947, p. 112; *989, p. 126). Home Owners' Loan Corporation. No measurements made in 1944.

436 (*840, p. 416; 845, p. 483; 909, p. 127; 939, p. 98; 947, p. 112; *989, p. 126). Owner unknown. On south side of U. S. Highway 70, 400 feet southeast of railroad depot in Lockney. Water level, in feet below land-surface datum, 1944: Feb. 1, 51.18.

437 (*840, p. 416; 845, p. 483; 886, p. 685; 909, p. 127; 939, p. 98; 947, p. 112; *989, p. 127). Lockney Oil Mill Co. On north side of Panhandle & Santa Fe Railway, in Lockney. Water level, in feet below land-surface datum, 1944: Feb. 1, 54.22.

439 (*845, p. 483; 886, p. 685; 909, p. 127; 939, p. 98; 947, p. 112; *989, p. 127). O. J. Schacht. NW. corner W. F. Smith survey, 3 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 55.64.

441 (*840, p. 416; 845, p. 483; 886, p. 685; 909, p. 127; 939, p. 98; 947, p. 112; *989, p. 127). Federal Land Bank. NW. corner NW¼ sec. 50, blk. D3, 2 miles northwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 63.68.

442 (*840, p. 416; 845, p. 483; 886, p. 685; 909, p. 127; 939, p. 98; 947, p. 112; *989, p. 127). Solon Clements. NW¼SW¼NW¼ sec. 51, blk. D3, 2 miles east of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 31.72.

446 (*840, p. 416; 845, p. 483; 886, p. 685; 909, p. 127; 939, p. 98; 947, p. 112; *989, p. 127). W. J. King. NE¼SE¼NE¼ sec. 68, blk. G, 2.5 miles southeast of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 1, 41.85.

459 (*840, p. 416; 845, p. 483; 886, p. 685; 909, p. 128; 939, p. 98; 947, p. 112; *989, p. 127). Texas Land & Development Co. SW. corner M. Y. Price survey, 5.5 miles southwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 49.90.

463 (*840. p. 417; 909, p. 128; 939, p. 98; 947, p. 112; *989, p. p. 127). Texas Land & Development Co. NW. corner NW¼ sec. 14, blk. N, 6 miles west of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 16, 50.32.

467 (*840, p. 417; 845, p. 484; 886, p. 685; 909, p. 128; 939, p. 98; 947, p. 112; *989, p. 127). C. J. Barnard. NW¼SW¼SW¼ sec. 3, blk. N, 8 miles southwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 16, 39.45.

472 (*845, p. 484; 886, p. 685; 909, p. 128; 939, p. 99; 947, p. 112; *989, p. 127). Texas Land & Development Co. NW. corner J. K. Andrews survey, 5.5 miles southwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 48.50.

486 (*840, p. 417; 845, p. 484; 886, p. 685; 909, p. 128; 939, p. 99 947, p. 112; *989, p. 127). Mrs. M. E. Morris. SE¼NE¼SE¼ sec. 53, blk. G, 5.5 miles southeast of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 31.08.

509 (*840, p. 417; 845, p. 484; 886, p. 685; 909, p. 128; 939, p. 99; 947, p. 112; *989, p. 127). S. H. Boon. North end of C. H. Johnson survey, 8.5 miles south of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 42.18.

510 (*840, p. 417; 845, p. 484; 886, p. 686; 909, p. 128; 939, p. 99; 947, p. 112; *989, p. 127). W. R. Crow. Formerly owned by L. D. Pope. North end of J. R. Powell survey, 8 miles southwest of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 43.35.

519 (*840, p. 417; 845, p. 484; 886, p. 686; 909, p. 128; 939, p. 99; 947, p. 112; *989, p. 128). J. L. Faulkner. NE. corner SW¼ sec. 44, blk. G, 7.5 miles west of Floydada. Water level, in feet below land-surface datum, 1944: Feb. 15, 50.56.

523 (*909, p. 128; 939, p. 99; 947, p. 113; *989, p. 128). C. F. Harris. NE¼NW¼ sec. 41, blk. G, 7.5 miles northwest of Floydada. Water level, in feet below land-surface datum, 1944: Feb. 15, 57.93.

525 (*840, p. 418; 845, p. 484; 886, p. 686; 909, p. 128; 939, p. 99; 947, p. 113; *989, p. 128). W. Fry. NW¼NW¼NW¼ sec. 52, blk. G, 5.5 miles south of Lockney. Water level, in feet below land-surface datum, 1944: Feb. 15, 37.05.

528 (*840, p. 418; 845, p. 484; 886, p. 686; 909, p. 128; 939, p. 99; 947, p. 113; *989, p. 128). Mrs. Maud Hollums. SW. corner SW¼ sec. 82, blk. G, 5 miles northwest of Floydada. Water level, in feet below land-surface datum, 1944: Feb. 1, 47.88.

529 (*840, p. 418; 845, p. 484; 886, p. 686; 909, p. 128; 947, p. 113; *989, p. 128). Panhandle & Santa Fe Railway Co. SW. corner SE¼NE¼ sec. 63, blk. 1, 2 miles northwest of Floydada. Water level, in feet below land-surface datum, 1944: Feb. 1, 109.49.

533 (*840, p. 418; 845, p. 484; 886, p. 686; 909, p. 128; 939, p. 99; 947, p. 113; *989, p. 128). Martin heirs. No measurements made in 1944.

562 (*840, p. 418; 886, p. 686; 909, p. 128; 939, p. 99; 947, p. 113; *989, p. 128). H. W. Carver. No measurements made in 1944.

603 (*840, p. 418; 845, p. 485; 886, p. 686; 909, p. 129; 939, p. 99; 947, p. 113; *989, p. 128). Gladys Fox. No measurements made in 1944.

605 (*840, p. 419; 886, p. 686; 909, p. 129; 939, p. 99; 947, p. 113; *989, p. 128). W. B. Jones. No measurements made in 1944.

Fort Bend County

6 (*889-C, p. 253; *909, p. 129; 939, p. 99; 947, p. 113; *989, p. 128). P. V. Cook. Measurements discontinued.

7 (*889-C, p. 253; *909, p. 129; 939, p. 99; 947, p. 113; *989, p. 128). C. C. Cardiff. Owner's well 1. 4 miles southwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 59.70; Oct. 5, 68.30.

11 (*889-C, p. 253; *909, p. 129; 939, p. 99; 947, p. 113; *989, p. 128). P. V. Cook. Owner's well 3. 1.75 miles southwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 52.23; Oct. 4, 58.95.

15 (*889-C, p. 254; *909, p. 130; 939, p. 99; 947, p. 113; *989, p. 128). P. V. Cook. Owner's well 1. 3.25 miles southwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 62.19; Oct. 5, 66.10.

17 (*889-C, p. 254; *989, p. 129). Mrs. H. L. Gordon. 5 miles south of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 15, 53.38; Oct. 5, 62.90.

20 (*889-C, p. 254; *909, p. 130; 939, p. 100; 947, p. 114; *989, p. 129). L. Pauli. 5.75 miles southeast of Katy. Water level, in feet below land-surface datum, 1944: Mar. 15, 38.15.

21 (*889-C, p. 254; *909, p. 130; 939, p. 100; 947, p. 114; *989, p. 129). L. Pauli. 6 miles south of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 15, 44.10; Oct. 4, 54.30.

26 (*889-C, p. 254; *909, p. 130; 939, p. 100; 947, p. 114; *989, p. 129). C. Pillot. Owner's well 1. 10 miles southeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 15, 29.84; Oct. 4, 39.13.

29 (*889-C, p. 225; *989, p. 129). C. Pillot. Owner's well 2. 9 miles southeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 15, 29.98; Oct. 4, 41.33.

30 (*889-C, p. 255; *989, p. 129). B. Ray Woods. Owner's well 2. 6.5 miles southwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 64.95; Oct. 6, 67.00.

33 (*889-C, p. 255; *909, p. 130; 939, p. 100; 947, p. 114; *989, p. 129). Earl McMillian. 3.5 miles southwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 63.10; Oct. 5, 68.70.

75 (*889-C, p. 257; *909, p. 131; 939, p. 100; 947, p. 114; *989, p. 129). Gulf Pipe Line Co. 10 miles southeast of Sugarland. Water levels, in feet below land-surface datum, 1944: Jan. 27, 60.04; Sept. 19, 63.38; Dec. 11, 64.29.

76 (*889-C, p. 257; *909, p. 131; 939, p. 100; 947, p. 114; *989, p. 130). Owner unknown. About 0.5 mile west of Blue Ridge State prison. Water levels, in feet below land-surface datum, 1944: Jan. 27, 34.74; Sept. 19, 35.83; Dec. 11, 36.46.

Gaines County

(No measurements made in 1944).

Galveston County

3 (*777, p. 204; 840, p. 420; 886, p. 688; 909, p. 132; 939, p. 101; 947, p. 114; *989, p. 130). Mrs. A. Voss. 5.75 miles west of League City. Water level, in feet below land-surface datum, 1944: Apr. 6, 32.63.

16 (*886, p. 688; 909, p. 133; 939, p. 101; 947, p. 114; *989, p. 130). Cecil Brown. In Friendswood. Water level, in feet below land-surface datum, 1944: Apr. 8, 76.73.

28 (*777, p. 204; 886, p. 688; 909, p. 133; 939, p. 101; 947, p. 114; *989, p. 130). Galveston, Houston & Henderson Railroad. In League City. Water level, in feet below land-surface datum, 1944: Apr. 7, 69.68.

42 (*886, p. 688; 909, p. 133; 939, p. 101; 947, p. 114; *989, p. 130). J. Freund. In Kemah. Water level, in feet below land-surface datum, 1944: Apr. 7, 50.64.

112 (*777, p. 204; 840, p. 420; 845, p. 488; 886, p. 688; 909, p. 133; 939, p. 101; 947, p. 114; *989, p. 130). Galveston, Houston & Henderson Railroad. In Dickinson. Water level, in feet below land-surface datum, 1944: Apr. 11, 73.93.

113 (*777, p. 204; 840, p. 420; 845, p. 488; 886, p. 688; 909, p. 133; 939, p. 101; 947, p. 114; *989, p. 130). E. Menott. 1.7 miles northeast of Alta Loma. Water level, in feet below land-surface datum, 1944: Apr. 11, 40.42.

115 (*777, p. 204; 840, p. 420; 845, p. 488; 886, p. 688; 909, p. 133; 939, p. 101; 947, p. 114; *989, p. 130). J. W. Palmer. Water level, in feet below land-surface datum, 1944: Apr. 11, 51.11.

142 (*886, p. 689; 909, p. 133; 939, p. 101; 947, p. 114; *989, p. 130). Maco Stewart. 2.75 miles west of League City. Water level, in feet below land-surface datum, 1944: Apr. 10, 82.11.

244 (*886, p. 689; 909, p. 134; 939, p. 101; 947, p. 115; *989, p. 130). Stone Oil Co. In Texas City. Water levels, in feet below land-surface datum, 1944: Apr. 13, 136.20; Oct. 7, 145.90.

295 (*886, p. 689; 909, p. 134; 939, p. 101; 947, p. 115; *989, p. 131). Atchison, Topeka, & Santa Fe Railway Co. In Hitchcock. Water level, in feet below land-surface datum, 1944: Apr. 20, 68.77.

381 (*886, p. 689; 909, p. 134; 939, p. 101; 947, p. 115; *989, p. 131). Stewart Production Co. 3 miles southeast of Hitchcock. Water levels, in feet below land-surface datum, 1944: Apr. 19, 68.7; Oct. 7, 75.72.

619 (*886, p. 689; 909, p. 134; 939, p. 101; 947, p. 115; *989, p. 131). Phenix Dairy. Measurements discontinued.

688 (*939, p. 101; 947, p. 115; *989, p. 131). City of Galveston test well 1. In Alta Loma. Water levels, in feet below land-surface datum, 1944: Apr. 18, 89.67; Oct. 7, 98.93.

689 (*939, p. 101; 947, p. 115; *989, p. 131). City of Galveston test well 2. 2.5 miles northeast of Alta Loma.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1	82.2	Jan. 19	82.6	Feb. 6	81.4	Apr. 22	85.7
2	80.8	20	82.6	7	81.5	23	85.8
3	82.1	21	82.6	8	81.6	24	85.8
4	82.1	22	82.6	9	81.8	25	85.9
5	82.1	23	82.5	10	81.9	26	85.9
6	82.1	24	82.3	11	82.1	27	86.1
7	82.0	25	82.0	12	82.3	28	86.1
8	82.1	26	81.7	13	82.3	29	86.1
9	82.2	27	81.5	14	82.4	30	86.2
10	82.2	28	81.4	15	82.5	May 1	86.2
11	82.2	29	81.1	16	82.6	2	86.1
12	82.2	30	80.9	17	82.7	3	86.2
13	82.3	31	80.8	18	82.9	4	86.2
14	82.3	Feb. 1	80.8	19	83.1	5	86.2
15	82.4	2	80.8	Apr. 18	85.6	6	86.2
16	82.4	3	80.9	19	85.6	7	86.2
17	82.5	4	81.1	20	85.6	8	86.2
18	82.6	5	81.2	21	85.7	9	86.2

689. City of Galveston--Continued.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 10	86.2	June 2	87.0	June 25	89.1	July 18	90.8
11	86.2	3	87.0	26	89.1	19	90.9
12	86.2	4	87.1	27	89.2	Dec. 11	95.7
13	86.2	5	87.2	28	89.3	12	95.7
14	86.2	6	87.3	29	89.4	13	95.7
15	86.2	7	87.4	30	89.5	14	95.7
16	86.3	8	87.5	July 1	89.6	15	95.7
17	86.3	9	87.6	2	89.6	16	95.7
18	86.3	10	87.6	3	89.7	17	95.7
19	86.4	11	87.7	4	89.8	18	95.7
20	85.6	12	87.8	5	89.9	19	95.8
21	86.4	13	87.9	6	90.0	20	95.8
22	86.4	14	88.0	7	90.0	21	95.8
23	86.5	15	88.1	8	90.1	22	95.9
24	86.5	16	88.1	9	90.2	23	95.9
25	86.5	17	88.3	10	90.2	24	95.9
26	86.6	18	88.4	11	90.3	25	95.9
27	86.7	19	88.5	12	90.3	26	95.9
28	86.7	20	88.6	13	90.4	27	95.9
29	86.8	21	88.7	14	90.5	28	95.9
30	86.8	22	88.8	15	90.6	29	95.9
31	86.9	23	88.9	16	90.6	30	95.9
June 1	86.9	24	89.0	17	90.7	31	95.9

691 (*939, p. 101; 947, p. 115; *989, p. 131). City of Galveston test well 3-A., In Hitchcock. Water levels, in feet below land-surface datum, 1944: Apr. 18, 65.27; Oct. 7, 75.66.

692 (*939, p. 101; 947, p. 115; *989, p. 131). Carbide & Carbon Chemical Co. test well 1. 3 miles southwest of Texas City. Water level, in feet below land-surface datum, 1944: Apr. 13, 89.39.

Guadalupe County

316 (*840, p. 422; 845, p. 489; 886, p. 690; 909, p. 135; 939, p. 102; 947, p. 115; *989, p. 131). Joe Gleitz. 400 feet north of U. S. Highway 81, 0.1 mile east of Guadalupe-Bexar County line. Water levels, in feet below land-surface datum, 1944: Aug. 24, 110.71; Dec. 19, 105.43.

Hale County

11 (*840, p. 422; 845, p. 490; 886, p. 690; 909, p. 136; 939, p. 102; 947, p. 115; *989, p. 131). S. C. Hutchinson. NE¼SE¼ sec. 5, blk. S1, 16 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 7, 39.00.

15 (*939, p. 102; 947, p. 115; *989, p. 131). S. C. Hutchinson. SW¼SW¼ sec. 4, blk. S1, 15 miles northwest of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 58.58.

16a (*947, p. 115; *989, p. 131). L. W. Guthrie. NW¼NE¼ sec. 8, blk. S1, 15 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 48.83.

17a (*947, p. 116; *989, p. 131). L. W. Guthrie. NW¼NW¼ sec. 6, blk. S1, 15.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 59.14.

36 (*840, p. 423; 845, p. 490; 909, p. 136; 939, p. 102; 947, p. 116; *989, p. 131). G. D. Lewellen. SW¼NE¼ sec. 18, blk. 06, 12.5 miles northwest of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 78.06.

103 (*840, p. 423; 845, p. 490; 886, p. 691; 909, p. 136; 939, p. 102; 947, p. 116; *989, p. 132). Carl Meyer. NE¼SE¼ sec. 8, blk. C4, 16 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 45.42.

105 (*840, p. 423; 845, p. 490; 886, p. 691; 909, p. 136; 939, p. 102; 947, p. 116; *989, p. 132). Texas Land & Development Co. NW¼SW¼ sec. 27, blk. S1, 14 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 49.20.

115 (*840, p. 423; 845, p. 490; 886, p. 691; 909, p. 136; 939, p. 102; 947, p. 116; *989, p. 132). H. L. Gunter. NW¼NE¼ sec. 16, blk. JK, 13.5 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 2, 56.26.

123 (*840, p. 424; 845, p. 490; 886, p. 691; 909, p. 136; 939, p. 102; 947, p. 116; *989, p. 132). L. C. Wayland. NW¼NE¼ sec. 24, blk. JK, 11 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 63.19.

124b (*947, p. 116; *989, p. 132). Lester James. SW¼SW¼ sec. 4, blk. JK4, 9.5 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 72.93.

125 (*840, p. 424; 845, p. 490; 886, p. 691; 909, p. 136; 939, p. 102; 947, p. 116; *989, p. 132). E. E. Clark. No measurements made in 1944.

202 (*840, p. 424; 845, p. 491; 886, p. 691; 909, p. 136; 939, p. 102; 947, p. 116; *989, p. 132). Texas Land & Development Co. NW¼NE¼ sec. 20, blk. C3, 17 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 7, 66.64.

206 (*840, p. 424; 845, p. 491; 886, p. 691; 909, p. 136; 939, p. 103; 947, p. 116; *989, p. 132). Texas Land & Development Co. Just east of Richard William survey, 18 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 72.18.

210 (*840, p. 425; 845, p. 491; 886, p. 692; 909, p. 136; 939, p. 103; 947, p. 116; *989, p. 132). Texas Land & Development Co. NW¼ D. R. McVicker survey, 18.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 66.76.

212 (*845, p. 491; 886, p. 692; 909, p. 136; 939, p. 103; 947, p. 117; *989, p. 132). Texas Land & Development Co. West center D. R. McVicker strip, west of sec. 55, blk. M14, 18 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 64.26.

220 (*840, p. 425; 845, p. 491; 886, p. 692; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 132). Texas Land & Development Co. NW¼NE¼ sec. 3, blk. JK3, 15.5 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 7, 56.70.

223 (*840, p. 425; 845, p. 491; 886, p. 692; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 133). Texas Land & Development Co. NW¼NE¼ sec. 3, blk. JK3, 15.5 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 7, 53.25.

232 (*840, p. 425; 845, p. 491; 886, p. 692; 909, p. 137; 939, p. 103; *989, p. 133). M. Hutchinson. NW¼NW¼ sec. 1, blk. JK3, 13.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 7, 49.37.

238 (*840, p. 425; 845, p. 491; 886, p. 692; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 133). Dr. McKinley Howell. SW¼SW¼ sec. 9, blk. JK3, 13.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 49.00.

246 (*840, p. 425; 845, p. 492; 886, p. 692; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 133). Owner unknown. NE¼NE¼ sec. 34, blk. JK2, 12 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 51.98.

255 (*840, p. 426; 845, p. 492; 886, p. 692; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 133). G. H. Slaton. SE¼NW¼ sec. 15, blk. JK2, 10 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 19.63.

256 (*840, p. 426; 886, p. 692; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 133). R. M. Malone. SE¼SW¼ sec. 10, blk. JK2, 9 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 2, 40.42.

259 (*840, p. 426; 845, p. 492; 886, p. 693; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 133). C. J. Ebeling. NW¼SE¼ sec. 3, blk. JK2, 9 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 17.46

263 (*840, p. 426; 845, p. 492; 886, p. 693; 909, p. 137; 939, p. 103; 947, p. 117; *989, p. 133). Federal Land Bank. NW¼SW¼ sec. 6, blk. JK3, 15 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 7, 46.80.

305 (*845, p. 493; 886, p. 693; 909, p. 138; 939, p. 104; 947, p. 117; *989, p. 133). Texas Land & Development Co. On strip land, 0.55 mile east of SW. corner of sec. 54, blk. M14, 18.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 69.02.

307 (*845, p. 493; 886, p. 693; 909, p. 138; 939, p. 104; 947, p. 117; *989, p. 133). Texas Land & Development Co. On strip land, 0.3 mile east of SW. corner of sec. 53, blk. M14, 19 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 65.70.

314 (*840, p. 427; 845, p. 493; 886, p. 693; 909, p. 138; 939, p. 104; 947, p. 117; *989, p. 133). J. S. Leach. Measurements discontinued.

314a (*947, p. 117; *989, p. 133). Willard White. No measurements made in 1944.

316 (*840, p. 427; 845, p. 493; 886, p. 693; 909, p. 138; 939, p. 104; 947, p. 118; *989, p. 134). Texas Land & Development Co. NW¼ S. D. Lemaster survey, 17.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 50.88.

317 (*840, p. 427; 845, p. 493; 886, p. 693; 909, p. 138; 939, p. 104; 947, p. 118; *989, p. 134). Texas Land & Development Co. NE¼ J. F. Owens survey, 18.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 52.93.

330 (*840, p. 427; 845, p. 493; 886, p. 693; 909, p. 138; 939, p. 104; 947, p. 118; *989, p. 134). George White. NE¼ J. M. Martin survey, 16.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 10, 47.34.

338 (*840, p. 427; 845, p. 494; 886, p. 694; 909, p. 138; 939, p. 104; 947, p. 118; *989, p. 134). Dr. J. H. Stewart. NW¼SE¼ sec. 110, blk. D2, 20 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 11, 48.44.

357 (*840, p. 428; 845, p. 494; 886, p. 694; 909, p. 138; 939, p. 104; 947, p. 118; *989, p. 134). G. D. Lewellen. SE¼SW¼ sec. 8, blk. D6, 14.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 1, 38.99.

370 (*840, p. 428; 845, p. 494; 886, p. 694; 909, p. 138; 939, p. 104; 947, p. 118; *989, p. 134). D. A. Reading. SE¼SE¼ sec. 5, blk. D4, 14.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 45.10.

402 (*840, p. 428; 845, p. 494; 886, p. 694; 909, p. 139; 939, p. 104; 947, p. 118; *989, p. 134). N. R. Johnson. SW¼NE¼ sec. 40, blk. JK2, 11 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 3, 22.36.

422 (*840, p. 429; 845, p. 495; 886, p. 694; 909, p. 139; 939, p. 104; 947, p. 118; *989, p. 134). Mrs. J. B. Long. SW¼SW¼ sec. 20, blk. D5, 16 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 41.32.

427 (*840, p. 429; 845, p. 495; 886, p. 694; 909, p. 139; 939, p. 104; 947, p. 118; *989, p. 134). C. M. Smith. NW¼NW¼ sec. 17, blk. D5, 17.5 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 15, 48.34.

428 (*840, p. 429; 845, p. 495; 886, p. 694; 909, p. 139; 939, p. 104; 947, p. 118; *989, p. 134). C. M. Smith. SW¼SW¼ sec. 17, blk. D5, 17 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 1, 47.75.

433a (*845, p. 495; 886, p. 695; 909, p. 139; 939, p. 105; 947, p. 118; *989, p. 134). Lizzie B. Morris. SW. corner of west 186 acres in sec. 37, blk. D6, 15 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 19.75.

434 (*845, p. 495; 886, p. 695; 909, p. 139; 939, p. 105; 947, p. 118; *989, p. 134). Texas Land & Development Co. No measurements made in 1944.

435 (*845, p. 495; 886, p. 695; 909, p. 139; 939, p. 105; 947, p. 118; *989, p. 135). Texas Land & Development Co. SW. corner NE¼ sec. 35, blk. D6, 14 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 49.35.

436 (*840, p. 429; 845, p. 495; 886, p. 695; 909, p. 139; 939, p. 105; 947, p. 118; *989, p. 135). Texas Land & Development Co. NW¼SW¼ sec. 33, blk. D6, 13.5 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 53.03.

449 (*840, p. 430; 845, p. 495; 886, p. 695; 909, p. 139; 939, p. 105; 947, p. 119; *989, p. 135). W. S. Messick. NW¼NE¼ sec. 10, blk. D7, 8 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 8, 60.70.

454 (*840, p. 430; 845, p. 496; 886, p. 695; 909, p. 139; 939, p. 105; *989, p. 135). B. F. Smith. NW¼NE¼ sec. 21, blk. N, 16.5 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 51.90.

459 (*840, p. 430; 845, p. 496; 886, p. 695; 909, p. 139; 939, p. 105; 947, p. 119; *989, p. 135). Texas Land & Development Co. No measurements made in 1944.

462 (*840, p. 430; 845, p. 496; 886, p. 695; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). R. E. Keniston. NE¼SW¼ sec. 16, blk. N, 16 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 41.66.

463 (*840, p. 430; 845, p. 496; 886, p. 695; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). R. E. Keniston. SW¼SW¼ sec. 16, blk. N, 16 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 36.82.

467 (*840, p. 430; 845, p. 496; 886, p. 695; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). M. E. Courtney. NW¼NE¼ sec. 25, blk. N, 13.5 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 35.20.

470 (*840, p. 431; 845, p. 496; 886, p. 695; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). M. H. Neer. NW¼NW¼ sec. 25, blk. D7, 11 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 8, 30.48.

477 (*840, p. 431; 845, p. 496; 886, p. 696; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). C. J. Jagelky. NW¼NW¼ sec. 22, blk. D7, 8 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 8, 36.44.

508 (*840, p. 431; 845, p. 496; 886, p. 696; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). Mrs. J. H. Slaton. SW. corner sec. 8, blk. JK2, 7.5 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 49.08.

510 (*840, p. 431; 845, p. 496; 886, p. 696; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). R. E. Walker. NE¼NE¼ sec. 9, blk. JK2, 9 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 2, 36.38.

511 (*840, p. 431; 845, p. 497; 886, p. 696; 909, p. 140; 939, p. 105; 947, p. 119; *989, p. 135). Dr. J. Anderson. NW¼NW¼ sec. 28, blk. JK2, 10 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 2, 21.20.

539 (*845, p. 497; 886, p. 696; 909, p. 140; 939, p. 106; *989, p. 136). Fred Rastetter. SE. corner SE¼ sec. 29, blk. A, 3.25 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 57.59.

542 (*840, p. 432; 845, p. 497; 886, p. 696; 909, p. 140; 939, p. 106; 947, p. 119; *989, p. 136). J. B. Hay. Measurements discontinued.

547 (*840, p. 432; 845, p. 497; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 119; *989, p. 136). O. C. McClain. NW¼NW¼ sec. 40, blk. A1, 7 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 8, 54.70.

552 (*840, p. 432; 845, p. 498; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). H. S. Dunaway. NE¼NW¼ sec. 6, blk. A1, 4 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 58.90.

553 (*840, p. 432; 845, p. 498; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). Texas Land & Development Co. NW¼NE¼ sec. 6, blk. A1, 4.5 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 54.11.

564 (*840, p. 433; 845, p. 498; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). T. F. Mounts. NW¼SW¼ sec. 20, blk. A1, 2 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 57.34.

567 (*840, p. 433; 845, p. 498; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). J. B. Maxey. SW¼SW¼ sec. 19, blk. A1, 1.25 miles northeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 53.47.

569 (*840, p. 433; 845, p. 498; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). O. C. Sanders. SW¼SW¼ sec. 3, blk. A1. 1 mile southeast of Hale Center. Water level, in feet below land-surface datum, 1944: 53.98.

605 (*840, p. 433; 845, p. 498; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). J. O. Douglas. Measurements discontinued.

719a (*845, p. 498; 886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). W. Bogart. No measurements made in 1944.

719b (*886, p. 697; 909, p. 141; 939, p. 106; 947, p. 120; *989, p. 136). W. Bogart. No measurements made in 1944.

720b (*845, p. 499; 886, p. 698; 939, p. 106; *989, p. 137). P. R. Caraway. No measurements made in 1944.

736b (*845, p. 499; 886, p. 698; 909, p. 142; 939, p. 106; 947, p. 120; *989, p. 137). Ross Title Insurance Co. NW¼ tract 12, blk. X, 2 miles north, thence 6.5 miles west of Abernathy and 16 miles southwest of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 23.25.

816 (*840, p. 434; 845, p. 499; 886, p. 698; 909, p. 142; 939, p. 107; 947, p. 120; *989, p. 137). A. M. Eason. SE¼SE¼ sec. 18, blk. R, 9.5 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 53.82.

822 (*845, p. 499; 886, p. 698; 909, p. 142; 939, p. 107; 947, p. 120; *989, p. 137). Elsie Thornton. Measurements discontinued.

824 (*840, p. 434; 845, p. 499; 886, p. 698; 909, p. 142; 939, p. 107; 947, p. 120; *989, p. 137). J. Wells Kinkaid. Measurements discontinued.

825 (*840, p. 434; 845, p. 499; 886, p. 698; 909, p. 142; 939, p. 107; 947, p. 120; *989, p. 137). Matilda Akeson. NW¼NW¼ sec. 18, blk. A4, 3.25 miles north of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 64.85.

828 (*886, p. 698; 909, p. 142; 939, p. 107; 947, p. 120; *989, p. 137). G. W. Bigler. NW¼NE¼ sec. 33, blk. A4, 5 miles south of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 71.37.

834 (*845, p. 499; 886, p. 698; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 137). M. E. Kesler. Formerly owned by R. E. Sikes. NE¼SE¼ sec. 64, blk. A4, 8.5 miles south of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 76.05.

837 (*845, p. 500; 886, p. 698; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 137). F. L. Hunzicker. NW¼NW¼ sec. 54, blk. A4, 8 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944. Feb. 16, 61.79.

840 (*845, p. 500; 886, p. 698; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 137). Debb McLaughlin. No measurements made in 1944.

848 (*886, p. 698; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 137). Mrs. J. E. Cheney. No measurements made in 1944.

852 (*845, p. 500; 886, p. 699; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 137). Abernathy Cemetery. SW¼SE¼ sec. 2 blk. X, 15 miles South of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 17, 115.72.

859 (*886, p. 500; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 137). L. Ragland. NW¼SE¼SE¼ sec. 22, blk. CL, 15.5 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 73.50.

906 (*840, p. 434; 845, p. 500; 886, p. 699; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 137). Floyd Reagan. SW¼SE¼ sec. 59, blk. R, 14 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 8, 38.09.

923 (*840, p. 434; 845, p. 500; 886, p. 699; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 138). D. C. Baley. NW¼NW¼ sec. 28, blk. R, 9.5 miles east of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 48.02.

936 (*840, p. 435; 845, p. 500; 886, p. 699; 909, p. 142; 939, p. 107; 947, p. 121; *989, p. 138). B. E. Porter. NW¼NW¼ C. K. Andrews survey, east of sec. 38, blk. R, 14 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 45.36.

946 (*886, p. 699; 909, p. 143; 939, p. 107; 947, p. 121; *989, p. 138). B. E. Porter. SE¼SE¼ C. K. Andrews survey, east of Sec. 38, blk. R, 14.5 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 58.59.

956 (*845, p. 500; 886, p. 699; 909, p. 143; 939, p. 107; 947, p. 121; *989, p. 138). J. W. Heard. SW¼NW¼ sec. 7, blk. R, 11.5 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 63.59.

958 (*840, p. 435; 845, p. 500; 886, p. 699; 909, p. 143; 939, p. 107; 947, p. 121; *989, p. 138). Luther Bain. Formerly owned by W. C. Sewell. SW¼NW¼ sec. 9, blk. R, 12 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 55.27.

971 (*886, p. 699; 909, p. 143; 939, p. 108; 947, p. 121; *989, p. 138). L. S. Claitor. NW. corner NW¼ sec. 15, blk. CL, 17.5 miles southeast of Hale Center. Water level, in feet below land-surface datum, 1944: Feb. 16, 58.10.

Harris County

6a (*777, p. 206; 840, p. 437; 886, p. 700; 909, p. 144; 939, p. 108; 947, p. 122; *989, p. 138). H. C. Burton. At east edge of Waller. Water levels, in feet below land-surface datum, 1944: Jan. 31, 4.59; May 31, 3.92; Sept. 14, 9.30; Dec. 14, 7.98.

11 (*777, p. 206; 840, p. 437; 845, p. 501; 886, p. 700; 889-C, p. 175; 909, p. 144; 947, p. 122; *989, p. 138). J. A. Hafner. 2.25 miles southeast of Waller. Water levels, in feet below land-surface datum, 1944: Jan. 31, 44.12; May 31, 43.65; Sept. 14, 45.75.

12 (*889-C, p. 175; 909, p. 144; 947, p. 122; *989, p. 138). J. A. Hafner. 2 miles northwest of Hockley. Water levels, in feet below land-surface datum, 1944: May 31, 44.50; Sept. 14, 44.50; Dec. 14, 44.65.

14 (*886, p. 701; 889-C, p. 175; 909, p. 144; 939, p. 108; 947, p 122; *989, p. 138). J. A. Hafner. 1.75 miles east of Waller.

14. J. A. Hafner--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 31	52.84	May 31	53.04	Dec. 14	55.36
Mar. 25	51.75	Sept.14	53.50		

31 (*777, p. 206; 840, p. 437; 845, p. 501; 886, p. 701; 889-C, p. 175; 909, p. 144; 939, p. 108; 947, p. 122; *989, p. 138). R. L. Burton. 4 miles southeast of Waller.

Water level, in feet below land-surface datum, 1944

Jan. 31	41.88	May 31	41.06	Dec. 14	45.66
Mar. 25	40.10	Sept.14	61.40		

33 (*886, p. 701; 889-C, p. 175; 909, p. 144; 939, p. 109; 947, p. 122; *989, p. 139). W. G. Neeley. In Hockley.

Water level, in feet below land-surface datum, 1944

Jan. 31	5.95	May 31	11.44	Dec. 14	28.47
Mar. 25	8.29	Sept.14	35.47		

35 (*777, p. 207; 840, p. 437; 845, p. 501; 886, p. 701; 889-C, p. 175; 909, p. 144; 939, p. 109; 947, p. 122; *989, p. 139). J. T. Morris. Formerly owned by O. M. Taylor. 6.25 miles southeast of Waller. Water levels, in feet below land-surface datum, 1944: Jan. 31, 15.70; May 31, 13.55; Sept. 14, 30.42; Dec. 14, 25.86.

40 (*889-C, p. 175; 909, p. 145; 939, p. 109; 947, p. 123; *989, p. 139). Ira Southard. Near Hockley. Water levels, in feet below land-surface datum, 1944: Mar. 25, 41.95; Oct. 10, 59.00.

95 (*777, p. 207; 840, p. 437; 886, p. 701; 889-C, p. 178; 909, p. 145; 939, p. 109; 947, p. 123; *989, p. 139). H. C. Middlestead. 1.75 miles southeast of Spring. Water levels, in feet below land-surface datum, 1944: May 29, 8.40; July 21, 15.26; Sept. 18, 18.73; Dec. 13, 15.90.

97 (*777, p. 207; 840, p. 437; 845, p. 502; 886, p. 701; 889-C, p. 178; 947, p. 123; *989, p. 139). Measurements discontinued.

102 (*886, p. 701; 889-C, p. 178; 909, p. 145; 939, p. 109; 947, p. 123; *989, p. 139). H. C. Middlestead. Measurements discontinued.

104 (*886, p. 102; 889-C, p. 178; 909, p. 145; 939, p. 109; 947, p. 123; *989, p. 139). George Glameyer. Formerly owned by C. P. Addison. 4.5 miles south of Spring.

Water level, in feet below land-surface datum, 1944

Jan. 28	5.40	July 15	11.50	Dec. 13	13.13
June 8	7.00	Sept.18	14.40		

134 (*886, p. 702; 889-C, p. 178; 909, p. 145; 939, p. 109; 947, p. 123; *989, p. 139). Ira Southard. Owner's well 1. 9 miles southwest of Cypress. Water levels, in feet below land-surface datum, 1944: Mar. 24, 50.87; Oct. 10, 54.90.

136 (*886, p. 702; 889-C, p. 179; 909, p. 145; 939, p. 109; 947, p. 123; *989, p. 139). J. Freeman. Owner's well 1. 9 miles southwest of Cypress. Water levels, in feet below land-surface datum, 1944: Mar. 24, 51.89; Oct. 11, 56.90.

139 (*889-C, p. 179). Oscar Kemp. Owner's well 1. 7.5 miles northeast of Katy. Unused drilled rice irrigation well, diameter 24 to 12 inches, depth 134 feet. Measuring point, top of casing, 1.0 foot above land surface.

Water level, in feet below land-surface datum, 1942-44

Jan. 15, 1942	45.95	Apr. 12, 1943	44.10	Mar. 24, 1944	46.88
Mar. 18	44.30	Nov. 10	52.35	Oct. 11, 1944	55.70
Sept.24	56.30				

140 (*886, p. 702; 889-C, p. 179; 909, p. 145; 939, p. 109; 947, p. 123; *989, p. 139). Oscar Kemp. Owner's well 2. 7.5 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 46.52; Oct. 11, 55.70.

157 (*889-C, p. 180; *989, p. 139). Owner's well 2. H. J. Longenbaugh. 10 miles northeast of Katy. Water level, in feet below land-surface datum, 1944: Mar. 25, 31.02; Measurements discontinued.

159 (*889-C, p. 180; *989, p. 140). G. E. Longenbaugh. 12 miles northeast of Katy. Water level, in feet below land-surface datum, 1944: Mar. 25, 19.00. Measurements discontinued.

166 (*777, p. 207; 840, p. 437; 886, p. 702; 889-C, p. 181; 909, p. 145; 947, p. 123; *989, p. 140). E. C. Smith. 1.75 miles northwest of Cypress. Water levels, in feet below land-surface datum, 1944: May 30, 2.23; Sept. 14, 4.16; Dec. 14, 1.87.

167 (*777, p. 208; 840, p. 437; 845, p. 502; 886, p. 702; 889-C, p. 181; 909, p. 146; 947, p. 123-4; *989, p. 140). E. C. Smith. 1.75 miles northwest of Cypress. Water levels, in feet below land-surface datum, 1944: May 30, 7.20; Dec. 14, 10.81.

169a.160 (*886, p. 703; 990-C, p. 181; 909, p. 146; 939, p. 109; 947, p. 124; *989, p. 140). Ben Pugh. 2.75 miles northwest of Cypress. Water levels, in feet below land-surface datum, 1944: Mar. 25, 8.20; Oct. 10, 17.67.

171 (*777, p. 208; 840, p. 437; 845, p. 502; 886, p. 703; 889-C, p. 181; 909, p. 146; 947, p. 124; *989, p. 140). E. H. Juergen. In Cypress. Water levels, in feet below land-surface datum, 1944: Jan. 31, 9.17; May 30, 7.58; Sept. 14, 7.58; Dec. 14, 7.88.

178 (*777, p. 208; 840, p. 437; 886, p. 709; 889-C, p. 181; 909, p. 146; 939, p. 110; 947, p. 124; *989, p. 140). K. P. Black. 5 miles southeast of Cypress. Water levels, in feet below land-surface datum, 1944: Jan. 27, 0.70; May 30, 1.07; Sept. 14, 9.20; Dec. 14, 3.86.

182 (*886, p. 703; 889-C, p. 181; 909, p. 146; 939, p. 110; 947, p. 124; *989, p. 140). Joel Schmidt. 4.5 miles south of Cypress. Water levels, in feet below land-surface datum, 1944: Mar. 24, 26.02; Oct. 11, 34.42.

186 (*886, p. 703; 889-C, p. 181; 909, p. 146; 939, p. 110; 947, p. 124; *989, p. 140). T. B. Tucker. Owner's well 3. 6 miles southwest of Cypress. Water levels, in feet below land-surface datum, 1944: Mar. 24, 28.40; Oct. 11, 36.05.

205 (*777, p. 209; 840, p. 437; 845, p. 502; 886, p. 703; 889-C, p. 182; 909, p. 146; 939, p. 110; 947, p. 124; *989, p. 140). Humble Pipe Line Co. well 2. At Satsuma.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	29.14	July 12	22.02	Aug. 22	22.20	Sept. 30	21.92
Mar. 25	26.28	July 22	21.99	Sept. 4	21.65	Oct. 13	22.22
May 30	22.95	Aug. 4	22.14	15	21.66	Nov. 1	22.77
June 24	22.27						

206 (*777, p. 209; 840, p. 438; 845, p. 502; 886, p. 703; 889-C, p. 182; 909, p. 147; 939, p. 110; 947, p. 124; *989, p. 141). R. B. Tucker. At Satsuma.

Water level, in feet below land-surface datum, 1944

Jan. 27	25.42	May 30	22.54	July 22	30.76	Oct. 13	30.97
Mar. 25	23.32	June 24	24.78	Sept. 4	33.22	Dec. 14	26.71

210 (*777, p. 209; 840, p. 438; 886, p. 703; 889-C, p. 182; 909, p. 147; 939, p. 110; 947, p. 124; *989, p. 141). M. Milton. 7.25 miles southeast of Cypress.

210. M. Milton--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 27	16.32	May 30	14.00	Dec. 14	18.69
Mar. 25	14.24	Sept.30	23.00		

221 (*886, p. 703; 889-C, p. 183; 909, p. 147; 939, p. 110; 947, p. 124; *989, p. 141). S. Terpstra. 10.75 miles east of Cypress.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28	21.87	May 8	22.19	July 22	28.45	Sept.30	28.20
Mar. 11	21.15	25	24.03	Aug. 4	29.25	Oct. 13	27.80
25	20.14	June 5	24.82	22	30.05	Nov. 1	28.10
Apr. 7	19.64	24	26.42	Sept. 4	29.37	Dec. 13	25.96
21	19.92	July 8	27.44	15	28.60		

225 (*886, p. 704; 889-C, p. 183; 909, p. 147; 939, p. 110; 947, p. 125; *989, p. 141). Trinity & Brazos Valley Railroad Co. 11.5 miles southeast of Cypress.

Water level, in feet below land-surface datum, 1944

Jan. 31	9.87	May 25	(a)	Aug. 4	(a)	Oct. 13	(a)
Mar. 11	7.05	June 5	(a)	22	(a)	28	0.00
25	5.40	24	(a)	Sept. 4	(a)	Nov. 1	4.22
Apr. 7	4.94	July 8	(a)	15	(a)	30	10.45
21	4.84	15	(a)	30	(a)	Dec. 13	13.62
May 8	3.57	22	(a)				

a Flowing.

226 (*889-C, p. 183; *989, p. 141). W. A. Fraser. Formerly owned by Frazer & Lapham. 3 miles east of Satsuma. Water levels, in feet below land-surface datum, 1944: Apr. 21, 18.16; Nov. 1, 21.70; Dec. 14, 22.08.

255 (*886, p. 704; 889-C, p. 184; 909, p. 147; 939, p. 110; 947, p. 125; *989, p. 141). J. M. Blake. 2.5 miles northwest of Aldine. Water levels, in feet below land-surface datum, 1944: Jan. 28, 8.39; June 8, 9.05; Sept. 18, 15.67; Dec. 12, 14.72.

264 (*777, p. 210; 840, p. 438; 845, p. 502; 886, p. 704; 889-C, p. 185; 909, p. 147; 939, p. 110; 947, p. 125; *989, p. 141). H. Weary. 3 miles north of Aldine.

Water level, in feet below land-surface datum, 1944

Jan. 18	31.57	May 8	32.09	July 24	36.26	Oct. 2	37.98
Mar. 11	31.74	24	32.86	Aug. 5	36.82	14	37.77
25	31.40	June 5	33.42	22	37.60	Nov. 2	37.80
Apr. 7	31.23	23	34.36	Sept. 4	37.58	Dec. 12	37.80
22	31.34	July 8	35.32	16	37.40		

268 (*889-C, p. 185; 947, p. 125; *989, p. 141). City of Houston test well 10-a. In Westfield.

Water level, in feet below land-surface datum, 1944

Jan. 18	2.3	June 3	15.5	July 22	28.7	Sept.30	33.8
28	4.1	5	16.8	24	29.0	Oct. 14	29.1
Mar. 25	8.3	6	16.2	Aug. 5	30.8	Nov. 8	24.5
Apr. 7	9.5	22	21.3	22	33.1	7	23.3
11	10.2	23	21.7	30	34.7	22	19.8
22	10.4	July 8	21.9	Sept. 4	34.7	25	19.7
May 8	10.9	15	27.6	16	34.7	30	18.2
24	13.2	21	28.6	20	34.9	Dec. 12	15.4

269 (*889-C, p. 185). City of Houston test well 7. In Westfield. Slightly used drilled well, diameter 3½ inches, screen from 1,037 to 1,052 feet. Measuring point, gage set 4 feet above land surface. Flowing well.

269. City of Houston test well 7--Continued.

Water level, in feet above land-surface datum, 1939, 1943-44

Date	Water level	Date	Water level	Date	Water level
May 31, 1939	22.6	May 8, 1944	26.0	Sept. 4, 1944	25.0
Sept.24, 1943	31.0	24	26.0	20	23.2
Jan. 18, 1944	28.1	June 5	26.0	Oct. 14	22.4
28	27.4	22	25.4	Dec. 12	19.7
Apr. 22	26.0	July 24	26.1		

280 (*889-C, p. 185; *989, p. 141). Pan-American Pipe Line Co. 9 miles southeast of Humble.

Water level, in feet below land-surface datum, 1944

Jan. 24	53.14	July 13	54.76	Dec. 6	56.90
Apr. 24	54.34	Sept.12	56.33		

286 (*889-C, p. 185; *989, p. 142). Jack Frazier Drilling Co. 10 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 25	55.03	July 20	60.86	Dec. 13	57.72
Apr. 24	55.60	Sept.15	57.30		

287 (*889-C, p. 185; *989, p. 142). Jack Frazier Drilling Co. 10 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 25	67.36	July 20	69.77	Dec. 13	73.23
Apr. 24	68.05	Sept.15	71.24		

290 (*889-C, p. 186; *989, p. 142). J. C. Townes. 5 miles southeast of Humble.

Water level, in feet below land-surface datum, 1944

Jan. 25	39.88	July 20	41.05	Dec. 13	41.82
Apr. 24	40.82	Sept.16	41.27		

291 (*889-C, p. 186; *989, p. 142). A. T. McDannald. 4.5 miles south of Humble.

Water level, in feet below land-surface datum, 1944

Jan. 25	37.55	July 20	38.02	Dec. 13	39.22
Apr. 24	37.72	Sept.16	38.63		

302 (*886, p. 704; 889-C, p. 187; 909, p. 147; 939, p. 111; *989, p. 142). Rebel Oil Co. 2.5 miles southeast of Humble. Water levels, in feet below land-surface datum, 1944: Jan. 28, 42.30; Apr. 24, 42.09; July 20, 42.15.

331 (*889-C, p. 188). Known as "Black Cat" oil test. 8.25 miles east of Humble. Unused drilled oil test, diameter 6 inches, depth unknown. Flowed until spring of 1939. Measuring point, top of casing, 1.5 feet above land surface.

Water level, in feet below land-surface datum, 1939-41, 1943-44

June 13, 1939	0.19	Feb. 15, 1940	1.75	Apr. 7, 1941	0.68
21	.45	May 1	1.66	Sept. 3	1.28
Aug. 3	.49	June 28	2.38	8, 1943	2.26
Sept. 1	.96	Aug. 20	2.27	Apr. 24, 1944	1.57
Dec. 18	1.71	Jan. 27, 1941	1.16		

352 (*886, p. 704; 889-C, p. 189; 909, p. 147; 939, p. 111; 947, p. 125; *989, p. 142). A. E. Thompson. 5.75 miles north of Katy. Water level, in feet below land-surface datum, 1944: Oct. 10, 61.38.

357 (*886, p. 705; 889-C, p. 189; 909, p. 147; 939, p. 111; 947, p. 125; *989, p. 142). P. V. Cook. Owner's well 2. 4.5 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 52.78; Oct. 10, 70.50.

362 (*886, p. 704; 889-C, p. 189; 909, p. 147; 939, p. 111; 947, p. 125; *989, p. 142). E. G. Stockdick. Owner's well 2. 4 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 44.04; Oct. 10, 57.48.

367 (*886, p. 705; 889-C, p. 190; 909, p. 148; 939, p. 111; 947, p. 125; *989, p. 142). W. C. Hickman. 3.25 miles east of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 43.74; Oct. 10, 56.27.

370 (*886, p. 705; 889-C, p. 190; 909, p. 148; 939, p. 111; 947, p. 125; *989, p. 142). J. M. Johnson. Owner's well 1. 3 miles east of Katy. Water level, in feet below land-surface datum, 1944: Mar. 24, 45.37.

371 (*889-C, p. 190; 909, p. 148; 939, p. 111; 947, p. 125; *989, p. 142). L. E. Morrison. Future measurements are in a new well drilled to replace old well which was filled up. Water levels, in feet below land-surface datum, 1944: Mar. 24, 42.40; Oct. 10, 55.45.

380 (*889-C, p. 191; *989, p. 142). W. H. Hegar. 8 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 23.30; Oct. 11, 29.00.

381 (*886, p. 705; 889-C, p. 191; 909, p. 148; 939, p. 111; 947, p. 125; *989, p. 143). W. H. Hegar. 7.5 miles northeast of Katy. Water level, in feet below land-surface datum, 1944: Oct. 11, 34.35.

382 (*886, p. 705; 889-C, p. 191; 909, p. 148; 939, p. 111; 947, p. 125; *989, p. 143). W. C. Stockdick. 6 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 40.25; Oct. 10, 56.15.

384 (*886, p. 705; 889-C, p. 191; 909, p. 148; 939, p. 111; 947, p. 126; *989, p. 143). A. J. Jordens. 6 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 41.31; Oct. 10, 58.10.

385 (*886, p. 705; 889-C, p. 191; 909, p. 148; 939, p. 111; 947, p. 126; *989, p. 143). A. J. Jordens. 6 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 40.50; Oct. 10, 50.70.

399 (*886, p. 706; 909, p. 148; 939, p. 111; 947, p. 126; *989, p. 143). Gertie Rice Farm. 9.5 miles northeast of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 24, 29.75; Oct. 11, 35.63.

400 (*886, p. 705; 889-C, p. 192; 909, p. 148; 939, p. 111; 947, p. 126; *989, p. 143). Schmidt Estate. Measurements discontinued.

417 (*889-C, p. 193; 947, p. 126; *989, p. 145). F. H. Liestman. Measurements discontinued.

456 (*889-C, p. 194; 909, p. 148; 939, p. 111; 947, p. 126; *989, p. 143). Frank Willberg. On Hempstead road, 0.05 mile southeast of Fairbanks.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 27	43.71	May 30	41.97	Dec. 14	46.72
Mar. 25	42.56	Sept.15	46.15		

473 (*889-C, p. 195; 947, p. 126-7; *989, p. 143). H. W. Rasmussen. 8.5 miles west of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 19	43.38	July 25	45.72	Dec. 16	49.17
May 27	43.43	Sept.16	48.50		

480 (*889-C, p. 195; *989, p. 143). John Pillot. 19 miles west of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Mar. 15, 30.48; Oct. 4, 40.75.

489 (*889-C, p. 196; 947, p. 127; *989, p. 143). City of Houston test well 4a. 2 miles west of Alief. Water levels, in feet below land-surface datum, 1944: Jan. 19, 33.21; June 1, 31.32; July 17, 34.45; Sept. 16, 38.13.

490 (*889-C, p. 196; 947, p. 127; *989, p. 144). City of Houston test well 5. In Alief. Water levels, in feet below land-surface datum, 1944: Jan. 19, 51.24; June 1, 50.14; July 25, 50.87; Sept. 16, 52.15.

496 (*889-C, p. 196; 947, p. 127; *989, p. 144). Diamond "L" Ranch. 13 miles southwest of Houston courthouse. Water levels, in feet below land-surface datum. 1944: Jan. 19, 35.66; June 1, 35.37; Sept. 19, 37.08; Dec. 11, 37.87.

498 (*889-C, p. 197; 947, p. 127; *989, p. 144). Brae Burn Country Club. 11 miles southwest of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 19, 44.69; Sept. 16, 49.03; Dec. 11, 49.09.

512 (*777, p. 210; 840, p. 438; 845, p. 502; 886, p. 706; 889-C, p. 197; 909, p. 148; 939, p. 112; 947, p. 128; *989, p. 144). Ed Nichols. 8.5 miles northwest of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 27, 3.12; May 30, 5.98; Dec. 14, 7.22.

519 (*886, p. 706; 889-C, p. 197; 909, p. 148; 939, p. 112; 947, p. 128; *989, p. 144). Felix Meyers. 6.75 miles northwest of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 27, 3.66; May 30, 3.30; Dec. 14, 7.27.

538 (*889-C, p. 198; *989, p. 144). The Bayou Club. 6 miles northwest of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 27, 64.47; Mar. 24, 64.63; Sept. 13, 70.53; Dec. 16, 69.97.

591 (*889-C, p. 201). City of Houston well Heights 3. At southwest corner of the Heights booster-pump house, 4 miles northwest of Houston courthouse. Unused drilled well, diameter 24 to 12 inches, screen at 514-564, 579-676, 691-740, 883-925 and 969-1,034 feet. Measuring point, top of 2-inch coupling, 1.0 foot above land surface.

Water level, in feet below land-surface datum, 1938-44

Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1938	77.26	Dec. 20, 1938	83.54	Sept. 9, 1941	114.35
20	76.92	Jan. 13, 1939	84.15	Mar. 6, 1942	100.25
Mar. 1	74.03	17	81.08	Sept. 9	110.28
23	79.00	Feb. 21	80.22	Aug. 24, 1943	136.26
Apr. 22	76.32	24	79.83	Sept.29	122.56
May 21	74.76	Mar. 18	86.47	Dec. 4	120.22
June 23	85.57	21	86.22	Jan. 22, 1944	112.19
July 20	87.18	Apr. 24	88.79	May 16	118.03
Aug. 25	87.60	May 25	88.07	July 17	126.15
Sept.22	82.15	June 22	92.17	28	131.84
Oct. 21	85.65	July 25	97.15	Sept. 8	124.00
Nov. 14	85.20	Feb. 28, 1940	91.13	Dec. 9	122.38
21	90.32	May 21	99.36		
Dec. 14	84.49	Aug. 23	109.72		

602 (*777, p. 211; 840, p. 438; 845, p. 502; 886, p. 706; 889-C, p. 202; 909, p. 148; 939, p. 112; 947, p. 128; *989, p. 144). River Oaks Country Club well 1. 4 miles west of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 27	83.97	May 16	85.37	Dec. 11	91.11
Mar. 24	83.14	Sept.23	94.24		

604 (*886, p. 706; 889-C, p. 202; 909, p. 148; 939, p. 112; 947, p. 128; *989, p. 144). Horlock Ice Co. Formerly owned by West End Ice Co. 2.2 miles northwest of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 22, 78.63; May 16, 88.23; Dec. 9, 91.86.

607 (*889-C, p. 202; *989, p. 145). Henke & Pillot. 2 miles northwest of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 22	83.79	May 16	93.93	Sept. 8	100.68
Mar. 23	88.88	July 17	98.90	Dec. 9	96.80

608 (*886, p. 707; 889-C, p. 202; 909, p. 149; 939, p. 112; 947, p. 128; *989, p. 145). Fidelity Products Co. 2 miles northwest of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 22	86.27	May 16	96.68	Sept. 8	103.54
Mar. 23	91.42	July 17	101.80	Dec. 9	99.42

609 (*886, p. 707; 889-C, p. 202; 909, p. 149; 939, p. 112; 947, p. 128; *989, p. 145). Fidelity Products Co. 2 miles northwest of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 22	109.84	May 16	111.10	Sept. 8	119.54
Mar. 23	110.60	July 17	107.87	Dec. 9	117.59

619 (*777, p. 212; 840, p. 438; 845, p. 503; 886, p. 707; 889-C, p. 203; 909, p. 149; 939, p. 112; 947, p. 128; *989, p. 145). City of Houston. 1 mile west of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 22	112.06	May 16	113.83	Sept. 8	123.42
Mar. 24	112.24	July 17	122.07	Dec. 9	116.60

651a. 649 (*886, p. 708; 889-C, p. 206; 909, p. 149; 939, p. 113; 947, p. 128-9; *989, p. 145). L. P. Mallett. Formerly owned by A. Wilke. 9 miles north of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 31	64.92	July 18	67.75	Dec. 14	70.24
Mar. 25	64.84	Sept.15	70.68		

651b. 832 (*886, p. 708; 889-C, p. 183; 909, p. 149; 939, p. 113; 947, p. 129; *989, p. 145). L. P. Mallett. Formerly owned by A. Wilke. 9 miles north of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 31	5.68	July 18	12.52	Dec. 14	9.19
Mar. 25	6.45	Sept.15	11.45		

651c. 648 (*886, p. 708; 889-C, p. 206; 909, p. 149; 939, p. 113; 947, p. 129; *989, p. 145). Albert Kraeger. Formerly owned by J. W. Follis. 9 miles north of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 31	56.47	July 18	58.40	Dec. 14	61.54
Mar. 25	56.53	Sept.15	61.30		

651d. 650 (*886, p. 708; 889-C, p. 206; 909, p. 149; 939, p. 113; 947, p. 129; *989, p. 145). Joe Morales. 8 miles north of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 31	74.19	July 18	77.18	Dec. 14	79.81
Mar. 25	74.17	Sept.15	80.20		

656 (*777, p. 212; 840, p. 438; 845, p. 503; 886, p. 708; 889-C, p. 206; 909, p. 150; 939, p. 113; 947, p. 129; *989, p. 145). Texas Creosoting Co. 4.5 miles north of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 25	107.54	May 16	109.05	Sept.13	118.18
Mar. 23	109.38	July 17	116.03	Dec. 6	113.32

662 (*886, p. 709; 889-C, p. 207; 909, p. 150; 939, p. 113; 947, p. 129; *989, p. 146). South Texas Cotton Oil Co. well 2. 2.5 miles northeast of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Mar. 23, 123.50; May 16, 123.07.

663 (*886, p. 709; 889-C, p. 207; 909, p. 150; 939, p. 113; 947, p. 129; *989, p. 146). South Texas Cotton Oil Co. well 1. 2.5 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 25	81.00	May 16	83.92	Sept.13	88.05
Mar. 23	81.98	July 17	87.15	Dec. 6	88.34

666a. 623 (*886, p. 709; 889-C, p. 203; 909, p. 150; 939, p. 113; 947, p. 129-30; *989, p. 146). Houston Foundry & Machine Co. At White and Weber Streets, Houston.

Water level, in feet below land-surface datum, 1944

Jan. 22	95.80	May 16	101.87	Sept. 8	109.15
Mar. 23	98.02	July 17	106.72	Dec. 9	107.49

711 (*889-C, p. 209; 947, p. 130; *989, p. 146). San Jacinto Hotel. At 920 Main Street, Houston. Water levels, in feet below land-surface datum, 1944: Jan. 20, 144.17; May 9, 145.39; Sept. 5, 159.65; Dec. 8, 150.46.

748 (*889-C, p. 212; 909, p. 151; 939, p. 114; 947, p. 130; *989, p. 146). Gulf Pipe Line Co. 5 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 24	103.69	May 13	105.35	Sept.12	115.80
Mar. 23	103.84	July 7	109.98	Dec. 6	113.51

751 (*886, p. 710; 889-C, p. 212; 909, p. 151; 939, p. 114; 947, p. 130; *989, p. 146). The Texas Pipe Line Co. 5 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 21	112.08	May 13	113.86	Sept.12	123.45
Mar. 23	111.94	July 7	118.60	Dec. 6	121.80

757 (*777, p. 213; 840, p. 439; 845, p. 503; 889-C, p. 212; 909, p. 151; 939, p. 114; 947, p. 130; *989, p. 146). Layne-Bowler Co. 4 miles east of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 21	123.22	May 13	125.30	Dec. 7	133.38
Mar. 23	122.56	Sept.12	135.30		

759 (*777, p. 213; 840, p. 439; 845, p. 503; 886, p. 711; 889-C, p. 212; 909, p. 151; 939, p. 114; 947, p. 130; *989, p. 147). Port City Compress & Warehouse Co. 4.75 miles east of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 21	130.78	May 13	132.53	Sept.12	144.80
Mar. 23	129.40	July 7	137.28	Dec. 7	143.37

783 (*777, p. 213; 840, p. 439; 845, p. 503; 886, p. 711; 889-C, p. 215; 909, p. 151; 939, p. 114; 947, p. 131; *989, p. 147). Houston Riding & Polo Club. 6 miles west of Houston courthouse.

783. Houston Riding & Polo Club--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 27	61.88	May 16	64.41	Sept.13	69.25
Mar. 24	63.09	July 17	67.48	Dec. 11	69.19

787 (*886, p. 711; 889-C, p. 215; 909, p. 151; 939, p. 114; 947, p. 131; *989, p. 147). American Service Co. well 1. At 1623 Westheimer Street, Houston.

Water level, in feet below land-surface datum, 1944

Jan. 27	89.15	May 16	91.14	Sept.13	95.42
Mar. 24	94.05	July 17	95.37	Dec. 11	95.51

787a. 779 (*886, p. 711; 889-C, p. 214; 909, p. 152; 939, p. 114; 947, p. 131; *989, p. 147). American Service Co. well 2. At 1623 Westheimer Street, Houston. Water level, in feet below land-surface datum, 1944: Jan. 27, 88.27.

790 (*886, p. 712; 889-C, p. 215; 909, p. 152; 939, p. 114; 947, p. 131; *989, p. 147). Southern United Ice Co. At 4102 Almeda Street, Houston. Water levels, in feet below land-surface datum, 1944: Jan. 27, 95.56; Mar. 24, 102.74.

798a. 778 (*886, p. 712; 889-C, p. 214; 909, p. 152; 939, p. 115; 947, p. 131; *989, p. 147). H. C. Weiss. At South Main and Sunset Streets, Houston. Water levels, in feet below land-surface datum, 1944: Jan. 27. 77.85; Mar. 24, 94.14; Sept. 13, 99.75; Dec. 11, 100.01.

809 (*886, p. 713; 889-C, p. 216; 909, p. 152; 939, p. 115; 947, p. 131; *989, p. 147). Gem Electric & Ice Co. In Bellaire.

Water level, in feet below land-surface datum, 1944

Jan. 27	78.77	May 16	78.30	Sept.13	88.10
Mar. 24	76.90	July 17	84.95	Dec. 11	86.79

812 (*989, p. 147). Harris County School for Girls. 7.75 miles southwest of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 27	55.46	July 17	58.62	Dec. 11	61.20
May 16	56.52	Sept.13	60.90		

853 (*886, p. 713; 889-C, p. 217; 909, p. 153; 939, p. 115; 947, p. 132; *989, p. 148). Houston Ice & Cold Storage Co. Formerly owned by Port City Ice Co. At 2715 McKinney Street, Houston.

Water level, in feet below land-surface datum, 1944

Jan. 20	120.11	May 8	126.43	Sept. 5	133.26
Mar. 21	122.73	July 5	130.89	Dec. 8	129.08

854 (*886, p. 714; 889-C, p. 218; 909, p. 153; 939, p. 115; 947, p. 132; *989, p. 147). Houston Ice & Cold Storage Co. Formerly owned by Port City Ice Co. At 2715 McKinney Street, Houston. Water levels, in feet below land-surface datum, 1944: Jan. 20, 127.89; Dec. 8, 136.02.

868 (*886, p. 714; 889-C, p. 129; 909, p. 153; 939, p. 115; 947, p. 132; *989, p. 147). Hughes Tool Co. well 1. 3 miles southeast of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 20, 81.94; May 9, 82.20; Sept. 5, 82.86; Dec. 8, 79.60.

876 (*886, p. 714; 889-C, p. 220; 909, p. 153; 939, p. 115; 947, p. 132; *989, p. 147). Houston Country Club. 3.75 miles southeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 20	113.67	May 9	115.22	Sept. 5	127.88
Mar. 21	112.80	July 5	122.42	Dec. 7	126.08

878 (*886, p. 714; 889-C, p. 220; 909, p. 153; 939, p. 115; 947, p. 132; *989, p. 147). Gulf Atlantic Warehouse Co. Formerly Houston Compress Co. At Anderson-Clayton Turning Basin, Houston.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 20	121.45	May 9	126.50	Sept. 6	139.80
Mar. 21	122.25	July 5	133.25	Dec. 8	135.95

881 (*886, p. 715; 889-C, p. 220; 909, p. 153; 939, p. 116; 947, p. 132; *989, p. 148). Terminal Compress & Warehouse Co. At 82d and Harrisburg Streets, Houston.

Water level, in feet below land-surface datum, 1944

Jan. 20	128.00	May 9	127.95	Sept. 6	145.38
Mar. 21	125.98	July 5	137.97	Dec. 7	143.48

883 (*886, p. 715; 889-C, p. 220; 909, p. 153; 939, p. 116; 947, p. 132; *989, p. 148). Tennessee Coal & Iron Railroad Co. well 1. U. S. Steel Co. 6.50 miles southeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 21	144.54	May 13	159.65	Sept.12	165.75
Mar. 23	141.20	July 7	160.06	Dec. 7	162.63

890 (*889, p. 715; 889-C, p. 221; 909, p. 153; 939, p. 116; 947, p. 132; *989, p. 148). Texas Chemical Co. well 2. 6 miles southeast of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 20, 151.04; Mar. 21, 153.40; May 9, 153.25.

898a. 913 (*886, p. 718; 889-C, p. 222; 909, p. 154; 939, p. 116; 947, p. 133; *989, p. 148). Allen Estate. At Park Place Boulevard and Poplar Street, Houston.

Water level, in feet below land-surface datum, 1944

Jan. 20	116.19	May 9	118.02	Sept. 6	129.30
Mar. 21	116.35	July 4	123.42	Dec. 8	128.41

909 (*889-C, p. 222; 947, p. 133; *989, p. 148). J. W. Madden. 9 miles southeast of Houston courthouse. Water levels, in feet below land-surface datum, 1944: Jan. 27, 46.25; June 27, 43.68; Sept. 19, 44.90; Dec. 11, 44.82.

933 (*889-C, p. 223; 947, p. 133; *989, p. 149). Champion Paper & Fibre Co. test well. 9 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 24	84.11	July 7	91.87	Dec. 6	97.00
May 13	88.65	Sept.12	95.88		

934 (*889-C, p. 223; 947, p. 133; *989, p. 149). Champion Paper & Fibre Co. test well. 9 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 24	63.69	July 7	65.87	Dec. 6	66.55
May 13	65.04	Sept.12	66.05		

936 (*889-C, p. 223; *989, p. 149). The Texas Co. well 2. At Camp Beaty, 9 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 21	101.12	July 11	110.85	Dec. 6	115.14
May 15	104.47	Sept.11	113.65		

939 (*889-C, p. 223; *989, p. 149). San Jacinto Ordnance Depot construction well 2. 14 miles east of Houston courthouse.

939. San Jacinto Ordnance Depot construction well 2--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 21	117.35	July 11	122.34	Dec. 6	123.71
Apr. 24	118.20	Sept.11	124.40		

940 (*889-C, p. 224; *989, p. 149). San Jacinto Ordnance Depot construction well 1. 14.5 miles east of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 21	112.70	July 11	117.74	Dec. 6	119.03
Apr. 24	113.97	Sept.11	119.22		

943 (*889-C, p. 224; *989, p. 149). Gulf Pipe Line Co. At Lynchburg pump station.

Water level, in feet below land-surface datum, 1944

Jan. 24	82.90	July 4	87.45	Dec. 6	89.06
Apr. 24	85.28	Sept.11	88.15		

945 (*889-C, p. 224; *989, p. 149). Harris County Water and Improvement District No. 1 well 2: At Highlands. Water levels, in feet below land-surface datum, 1944: Jan. 24, 93.43; July 11, 103.18; Sept. 11, 101.02. Well destroyed; measurements discontinued.

947 (*889-C, p. 224; *989, p. 149). Leon J. Vetrano. 11 miles northwest of Goose Creek. Water levels in feet below land-surface datum, 1944: Jan. 24, 73.00; Apr. 24, 76.48; Sept. 12, 82.25; Dec. 6, 76.60.

1019 (*886, p. 716; 889-C, p. 227; 909, p. 154; 939, p. 116; 947, p. 134; *989, p. 149). Captain Chas. Crotty. At Morgan's Point, Houston, on bank of channel.

Water level, in feet below land-surface datum, 1944

Jan. 25	84.76	May 11	87.68	Sept. 7	90.00
Mar. 21	86.35	July 6	89.82	Dec. 8	91.41

1101a. 1100 (*886, p. 716; 889-C, p. 230; 909, p. 154; 939, p. 116; 947, p. 134; *989, p. 150). M. M. Graves Estate. 8.5 miles west of Goose Creek. Water levels, in feet below land-surface datum, 1944: Jan. 24, 122.83; Mar. 21, 121.65; May 11, 122.28; Dec. 7, 128.63.

1104 (*889-C, p. 230; 909, p. 154; 939, p. 116; 947, p. 134; *989, p. 150). City of La Porte well 1. At La Porte water plant.

Water level, in feet below land-surface datum, 1944

Jan. 24	102.10	May 11	103.89	Sept. 7	108.70
Mar. 21	102.95	July 6	108.10	Dec. 8	108.44

1117 (*889-C, p. 231). Humble Oil & Refining Co. Formerly owned by Stanolind Oil & Gas Co. Unused drilled well, diameter 4 inches, screen from 505 to 526 feet. Measuring point, top of casing, 2.0 feet above land surface.

Water level, in feet below land-surface datum, 1940, 1944

June 5, 1940	67.29	May 11, 1944	90.28	Sept. 7, 1944	99.75
Jan. 24, 1944	88.57	July 4	96.28	Dec. 11	95.51

1121 (*889-C, p. 231; *989, p. 150). W. H. Clark. Formerly owned by W. P. McClendon. On Spencer Highway, 17 miles southeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 25	102.48	July 4	112.04	Dec. 8	109.29
May 11	105.45	Sept. 7	114.68		

1152a. 1150 (*886, p. 717; 889-C, p. 235; 909, p. 154; 939, p. 116; 947, p. 134; *989, p. 150). City of Galena Park well 1. In Galena Park.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 21	154.38	May 12	159.06	Sept.12	180.00
Mar. 23	154.15	July 7	170.97	Dec. 7	175.68

1154 (*886, p. 717; 889-C, p. 235; 909, p. 155; 939, p. 117; 947, p. 134; *989, p. 150). Universal Water Co. In Galena Park.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 21	92.04	July 7	94.30	Dec. 7	98.69
May 12	90.58	Sept.12	96.40		

1161 (*886, p. 717; 889-C, p. 236; 909, p. 155; 939, p. 117; 947, p. 134; *989, p. 150). Sinclair Refining Co. well 6. 3 miles north of South Houston.

Highest daily water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	.....	.....	.....	162.6	164.8	174.9	178.4	179.2	180.0	181.3	.....
2	.....	.....	.....	.....	162.4	164.8	174.9	179.2	179.3	180.0	181.4	.....
3	a53.4	.....	.....	.....	162.8	164.6	174.9	179.7	179.3	180.2	181.4	.....
4	.....	a57.9	.....	.....	161.0	164.8	174.8	180.3	179.3	180.2	181.5	.....
5	.....	.....	.....	.....	160.5	165.5	.....	180.7	179.7	180.1	181.5	.....
6	.....	.....	.....	.....	160.5	166.6	174.9	181.2	179.8	180.1	181.2	.....
7	.....	.....	.....	.....	160.7	167.4	174.2	181.0	180.0	180.2	181.3	178.2
8	.....	.....	.....	a55.5	160.7	168.0	174.7	181.2	179.6	180.5	181.5	178.5
9	.....	.....	.....	.....	161.3	168.2	175.6	181.6	179.2	180.7	181.4	178.2
10	.....	.....	.....	.....	162.2	167.8	176.1	181.7	178.9	180.9	181.3	178.5
11	a57.2	.....	.....	.....	162.9	167.9	175.5	182.1	179.1	181.3	181.1	178.3
12	.....	a57.0	.....	.....	163.7	168.2	175.6	182.5	179.3	181.5	180.6	178.5
13	.....	.....	.....	.....	163.7	169.1	175.6	.....	179.5	181.3	180.6	178.4
14	.....	.....	.....	.....	164.1	169.9	175.7	.....	179.7	181.2	181.5	178.7
15	.....	.....	a56.0	.....	163.7	171.1	175.7	.....	179.9	181.2	181.5	178.8
16	.....	.....	.....	.....	163.1	171.7	175.5	.....	180.3	181.3	181.6	178.7
17	.....	.....	.....	a59.1	163.1	172.1	175.3	.....	180.2	181.3	181.9	178.6
18	.....	.....	.....	.....	163.3	172.4	175.4	.....	180.6	181.5	181.8	178.7
19	a56.7	a58.2	.....	.....	163.2	172.7	175.6	.....	180.7	181.7	181.4	179.3
20	.....	.....	.....	.....	163.1	173.4	176.1	.....	180.4	181.7	181.1	179.5
21	.....	.....	.....	.....	163.3	173.6	176.5	.....	180.3	181.6	181.1	179.7
22	.....	.....	.....	.....	163.2	174.3	177.2	.....	180.6	181.9	181.3	180.4
23	.....	.....	a53.9	.....	163.2	174.7	177.2	.....	180.3	181.7	181.5	180.3
24	.....	.....	.....	.....	163.7	174.4	177.3	.....	180.1	181.8	.....	180.6
25	.....	.....	.....	a57.7	164.4	173.6	177.5	.....	179.9	181.4	.....	179.8
26	.....	.....	.....	.....	164.2	173.5	177.5	.....	179.9	181.3	.....	179.7
27	a57.9	.....	.....	160.0	164.4	173.8	176.8	.....	.....	181.4	.....	179.0
28	.....	.....	a57.2	160.1	164.7	174.2	176.2	178.9	179.9	181.7	.....	178.7
29	.....	.....	.....	160.5	164.8	174.7	176.1	179.1	179.8	181.8	.....	178.9
30	.....	.....	.....	161.1	165.4	175.1	176.6	179.3	180.3	181.9	.....	178.9
31	.....	.....	a55.8	.....	165.4	.....	177.2	179.1	.....	181.3	.....	.....

a Tape measurement.

1170 (*886, p. 718; 889-C, p. 237; 909, p. 155; *989, p. 151). Houston Lighting and Power Co. Deep-water plant, 4.25 miles north of South Houston.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	151.0	Apr. 1	149.0	July 3	170.5	Oct. 3	178.0
16	149.0	17	156.0	15	175.0	17	179.0
Feb. 3	153.0	May 3	158.0	Aug. 1	178.0	Nov. 2	179.0
17	153.0	16	156.0	17	183.0	17	180.0
Mar. 1	153.0	June 2	158.0	Sept. 1	180.0	Dec. 16	178.0
16	150.0	20	169.0	18	178.0		

1176 (*886, p. 719; 889-C, p. 237; 909, p. 155; 939, p. 117; 947, p. 135; *989, p. 151). The Texas Co. well 4. At refinery near Galena Park. Water levels, in feet below land-surface datum, 1944: Jan. 21, 91.07; July 7, 99.15; Dec. 7, 100.13.

1182 (*886, p. 719; 889-C, p. 237; 909, p. 156; 939, p. 117; 947, p. 135; *989, p. 151). Port Terminal Railroad Co. At Pasadena, near southeast corner of Crown Refinery.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 24	169.17	May 12	184.35	Sept. 9	210.00
Mar. 21	164.20	July 6	191.90	Dec. 7	201.18

1187 (*886, p. 719; 889-C, p. 238; 909, p. 156; 939, p. 117). City of Pasadena well 1. South well of three at city hall in Pasadena. Screens between 700 and 834 feet. Measurements resumed. Water levels, in feet below land-surface datum, 1944: July 6, 178.30; Sept. 8, 166.00.

1205 (*889-C, p. 239; 909, p. 156; 939, p. 117; 947, p. 135; *989, p. 151). City of South Houston well 1. At South Houston waterworks. Water levels, in feet below land-surface datum, 1944: July 4, 74.25; Sept. 6, 78.35; Dec. 8, 113.90.

1209 (*777, p. 214; 840, p. 439; 845, p. 503; 889-C, p. 239; 909, p. 156; 939, p. 117; 947, p. 135; *989, p. 151). Texas Fireworks Distributing Co. At South Houston.

Water level, in feet below land-surface datum, 1944

Jan. 20	67.08	July 4	69.79	Dec. 8	76.81
May 11	69.34	Sept. 6	71.20		

1229 (*889-C, p. 239; 947, p. 135-136; *989, p. 152). City of Houston test well 8. On Spencer Highway, 3 miles east of South Houston.

Water level, in feet below land-surface datum, 1944

Jan. 24	115.90	May 10	122.28	Sept. 7	121.47
Mar. 21	115.64	July 4	120.09	Dec. 8	130.96

1230 (*889-C, p. 239; 947, p. 136; *989, p. 152). City of Houston test well 9. On Spencer Highway, 3 miles east of South Houston.

Water level, in feet below land-surface datum, 1944

Jan. 24	129.94	May 10	136.88	Sept. 7	149.48
Mar. 21	130.98	July 4	143.50	Dec. 8	145.84

1234 (*889-C, p. 240; 947, p. 136; *989, p. 152). City of South Houston well 3. At South Houston waterworks. Water levels, in feet below land-surface datum, 1944: Jan. 20, 75.34; May 9, 75.52; July 4, 116.40; Sept. 6, 143.70.

1266 (*889-C, p. 242; *989, p. 152). City of South Side Place well 2. At South Side Place waterworks.

Water level, in feet below land-surface datum, 1944

Jan. 27	88.86	July 18	a 98	Dec. 16	a 99
May 16	a 92	Sept. 13	a 103		

a Airline measurements.

1267 (*889-C, p. 242; *989, p. 152). City of South Side Place well 3. At South Side Place waterworks. Water levels, in feet below land-surface datum, 1944: May 16, 69.84; July 18, 75.80; Sept. 13, 76.50; Dec. 16, 75.52.

1302 (*777, p. 214; 840, p. 439; 845, p. 504; 889-J, p. 245; 947, p. 136; *989, p. 152). City of Genoa. In Genoa.

Water level, in feet below land-surface datum, 1944

Jan. 20	109.21	May 11	110.95	Sept. 6	120.70
Mar. 21	109.60	June 27	114.47	Dec. 11	121.14

1318 (*777, p. 214; 840, p. 439; 845, p. 504; 889-C, p. 245; 947, p. 137; *989, p. 152). J. M. West. 5.5 miles northwest of Webster. Water level, in feet below land-surface datum, 1944: Jan. 20, 7.12. Measurements discontinued.

1360 (*777, p. 214; 840, p. 439; 845, p. 504; 947, p. 137; *989, p. 153). S. Sfabara. About 0.25 mile east of Webster. Water levels, in feet below land-surface datum, 1944: Jan. 20, 74.73; Apr. 25, 61.98; Dec. 11, 82.80.

1369 (*889-C, p. 247). City of South Houston well 2. At South Houston waterworks. Unused drilled public-supply well, diameter 8 to 6 inches, screen from 856 to 916 feet. Measuring point, top of casing, 2.2 feet above land-surface. Water levels, in feet below land-surface datum: June 5, 1941, 93.70; July 4, 1944, 133.60; Sept. 6, 145.80; Dec. 8, 143.14.

1374 (*889-C, p. 248; *989, p. 153). Harris County Fresh Water District No. 5. 9 miles east of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 21	131.67	May 15	137.22	Sept.11	151.50
May 5	138.35	July 11	147.30	Dec. 6	153.93

1398 (*889-C, p. 250; *989, p. 153). Mission Manufacturing Co. well 2. On U. S. Highway 59, 3.25 miles northeast of Houston courthouse.

Water level, in feet below land-surface datum, 1944

Jan. 25	101.92	July 17	107.35	Dec. 6	106.05
Apr. 24	102.42	Sept.13	110.10		

1414 (*889-C, p. 252; *989, p. 153). Harris County Water Control & Improvement District No 3 well 2. At 816 Rosslyn Street in Garden Oaks subdivision. Water levels, in feet below land-surface datum, 1944: Jan. 27, 93.94; Dec. 9, 99.32.

1417. Houston Lighting & Power Co. well 1. About 200 yards northwest of power plant, 9 miles southwest of Houston courthouse. Used drilled industrial well, diameter 16 to 8-5/8 inches, screens from 706 to 726, 736 to 780, 818 to 850, 897 to 908, 936 to 959, and 975 to 1,007 feet. Measuring point, top of 1-inch breather pipe, 2.0 feet above land surface. Equipped with a 900 gallon-a-minute turbine pump. Water levels, in feet below land-surface datum: Sept. 14, 1943, 70.24; Jan. 19, 1944, 71.37; Sept. 16, 76.45; Dec. 9, 76.53.

1418. W. B. Nelson. On Hall road, 13 miles southeast of Houston courthouse. Used drilled rice irrigation well, diameter 18 to 14 inches, screens opposite sands between 380 and 1,286 feet. Measuring point, lower edge of port hole, 2.4 feet above land surface. Equipped with a 2,100 gallon-a-minute turbine pump. Water levels, in feet below land-surface datum: Sept. 13, 1943, 116.94; Apr. 25, 1944, 103.85; Dec. 11, 114.03.

1419. W. B. Nelson. About 200 feet west of well 1418, on Hall road, 13 miles southeast of Houston courthouse. Unused drilled test hole, diameter 4 inches, screen from 81 to 105 feet. Measuring point, top of 3-by-4-inch bushing, 2.8 feet above land-surface. Water levels, in feet below land-surface datum: Sept. 13, 1943, 10.86; Apr. 25, 1944, 6.55; Dec. 11, 1944, 10.51.

1420. City of Galena Park well 2. At Galena Park waterworks, about 100 feet northeast of well 1150. Used drilled public-supply well, diameter 12-3/4 to 8-5/8 inches, screens from 583 to 593; 606 to 646, 654 to 664, 668 to 677, and 694 to 725 feet. Measuring point, top of hole in inner pump base, 2 feet above land surface. Equipped with a 400 gallon-a-minute turbine pump.

Water level, in feet below land-surface datum, 1943-44

Apr. 21, 1943	125.00	Sept.27, 1943	153.75	July 7, 1944	170.72
June 17	143.07	Jan. 21, 1944	153.90	Sept.12	180.05
July 30	150.21	May 12	158.84	Dec. 7	175.12
Aug. 25	150.50				

1500. Texas-Gulf Production Co. 100 feet north of oil well Weary No. 1. 0.5 mile west of well 264, 8 miles west of Humble. Unused drilled well, diameter 4 inches, depth about 400 feet. Measuring point, top of 4-inch casing, 2.6 feet above land-surface.

Water level, in feet below land-surface datum, 1943-44

Date	Water level	Date	Water level	Date	Water level
Sept.21, 1943	34.90	July 8, 1944	35.47	Sept.16, 1944	37.57
Jan. 28, 1944	30.86	24	36.50	Oct. 2	37.60
Apr. 22	30.65	Aug. 5	37.15	14	37.84
June 6	33.34	22	38.03	Nov. 2	37.78
23	34.28	Sept. 4	37.74	Dec. 12	37.74

1501. A. T. McDannald. On south side of Lockwood road, in northeast corner of pasture, 4.75 miles south of Humble. Unused drilled well, diameter 4 inches, depth about 200 feet. Measuring point, top of 1-inch elbow on airline, 4.0 feet above land surface.

Water level, in feet below land-surface datum, 1943-44

Sept.21, 1943	29.64	Apr. 24, 1944	28.75	Sept.16, 1944	30.64
Jan. 25, 1944	28.56	July 20	29.50	Dec. 13	31.18

1502. Jack Frazier Drilling Co. Near oil well No. 30, 7.75 miles south of Humble. Rarely used drilled well, diameter 4 inches, depth about 300 feet. Measuring point, top of 1-inch elbow in airline, 2.0 feet above land surface. Equipped with gas jet-line. Water levels, in feet below land-surface datum: Sept. 20, 1943, 73.66; Apr. 24, 1944, 75.24; July 20, 1944, 77.45; Sept. 15, 1944, 80.70.

1503. R. R. Michel test hole O-1. At "O" group of test holes, 1.5 miles southwest of Tom Ball. Unused bored test hole, diameter 1¼ inches, sandpoint set at 41 feet. Measuring point, top of 1¼-inch casing, 1 foot above land surface.

Water level, in feet below land-surface datum, 1940-44

May 27, 1940	34.40	Jan. 31, 1941	34.53	Dec. 17, 1941	32.91
30	34.69	Feb. 5	34.43	Jan. 1, 1942	32.75
June 1	34.20	14	34.60	July 29	32.01
6	34.35	22	34.51	Aug. 22	31.97
10	34.00	27	34.84	Sept.18	31.83
11	34.00	Mar. 25	34.15	Nov. 27	31.91
12	34.10	May 13	34.10	Jan. 20, 1943	31.81
13	34.32	27	34.10	Mar. 30	31.37
15	34.30	June 10	33.80	June 2	30.97
July 16	34.49	20	34.00	Aug. 26	31.01
Aug. 21	34.52	July 8	33.98	Jan. 28, 1944	30.53
Oct. 4	34.75	30	33.80	June 3	28.72
Dec. 6	34.85	Sept. 3	33.74	July 21	28.64
Jan. 9, 1941	35.10	19	33.65	Sept.18	28.32
18	35.01	Nov. 8	33.43	Dec. 13	27.99
24	34.69				

1504. Bogs Estate test hole N-1. At "N" group of test holes, 1 mile north of Huffsmith. Unused bored test hole, diameter 1¼ inches, sandpoint set at 29½ feet. Measuring point, top of casing, 1.0 foot above land surface.

Water level, in feet below land-surface datum, 1940-44

June 26, 1940	25.82	Feb. 5, 1941	21.40	July 30, 1941	20.27
July 1	25.17	14	21.45	Sept. 3	21.00
16	24.97	22	21.48	19	22.24
Aug. 21	24.64	27	21.52	Nov. 8	19.62
Oct. 4	25.05	Mar. 25	20.96	Dec. 17	19.81
Dec. 12	24.18	May 13	19.65	Jan. 22, 1942	20.52
Jan. 1, 1941	21.73	27	19.69	May 7	20.85
18	21.62	June 10	19.88	July 29	21.51
24	21.50	20	19.66	Aug. 22	21.64
31	21.42	July 8	19.90	Sept.18	21.90

1504. Bogs Estate test hole N-1--Continued.

Water level, in feet below land-surface datum, 1940-44

Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1943	22.36	Aug. 26, 1943	21.99	July 21, 1944	20.80
Mar. 30	22.19	Jan. 28, 1944	22.43	Sept.18	21.65
June 21	22.64	June 3	20.20	Dec. 13	21.98

1505. Wm. Tautenhahn test hole U-1. At "U" group of test holes, 0.25 mile north of Westfield. Unused bored test hole, diameter 1¼ inches, sandpoint set at 21 feet. Measuring point, top of casing, 0.6 foot above land surface.

Water level, in feet below land-surface datum, 1940-44

June 21, 1940	18.34	Mar. 25, 1941	15.49	July 29, 1942	11.43
26	18.53	May 13	15.66	Aug. 22	13.57
July 1	18.18	27	15.15	Sept.18	12.97
16	18.87	June 10	14.80	Nov. 27	14.42
Aug. 20	19.60	20	14.70	Jan. 20, 1943	13.02
Dec. 5	19.44	July 8	15.28	Mar. 28	11.62
Jan. 9, 1941	18.37	30	14.50	June 21	14.60
18	17.95	Aug. 15	15.33	Sept. 8	15.80
24	17.91	Sept. 3	16.50	Jan. 28, 1944	11.50
31	17.82	19	14.21	June 3	9.22
Feb. 4	17.68	Nov. 4	10.76	July 25	14.05
14	17.51	Dec. 16	12.70	Sept.16	15.25
22	17.37	Jan. 22, 1942	10.99	Dec. 13	14.02
27	17.17	May 7	10.60		

1506. Sinclair-Prairie Oil Co. On Goody Koontz lease, 3.5 miles northeast of Fairbanks. Used drilled domestic well, diameter 4 inches, depth about 600 feet. Equipped with airlift. Measuring point, top of 1¼-inch tee, 1.0 foot above land surface.

Water level, in feet below land-surface datum, 1943-44

Aug. 8, 1943	47.61	July 12, 1944	43.49	Oct. 13, 1944	47.20
Apr. 21, 1944	39.23	22	44.32	Nov. 1	46.00
June 6	40.68	Aug. 22	47.08	Dec. 13	46.14
24	42.13	Sept.30	47.17		

1507. Stanolind Oil & Gas Co. On August Schumacher lease, near gas well 1, 3.75 miles northeast of Fairbanks. Rarely used drilled well, diameter 4 inches, depth about 400 feet. Measuring point, top of 1-inch airline, 2.0 feet above land surface. Equipped with gaslift.

Water level, in feet below land-surface datum, 1944

June 8	41.85	Sept.15	48.27	Nov. 1	47.00
24	43.12	30	48.45	Dec. 13	47.69
July 12	44.58	Oct. 13	48.30		

Hays County

106 (*909, p. 157; 939, p. 118; 947, p. 137; *989, p. 153). Henry Armbruster. 1.25 miles northwest of Buda. Water levels, in feet below land-surface datum, 1944: Aug. 23, 155.69; Dec. 21, 140[1].

110 (*909, p. 157; 939, p. 118; 947, p. 137; *989, p. 153). M. O. Rogers. 7 miles west of Buda. Water levels, in feet below land-surface datum, 1944: Apr. 28, 36.46; Aug. 23, 53.02; Dec. 21, 50.56.

113 (*989, p. 153). Otto Schwartz. 3.25 miles west of Buda. Water levels, in feet below land-surface datum, 1944: Apr. 28, 257.55; Aug. 23, 259.93; Dec. 22, 262.48.

126 (*909, p. 157; 939, p. 118; 947, p. 137; *989, p. 153). F. W. Zimmerman. 9.75 miles west of Buda. Water levels, in feet below land surface, 1944: Apr. 28, 90.01; Aug. 23, 91.79; Dec. 21, 92.12.

127 (*909, p. 157; *989, p. 153). M. G. Michaelis. Measurements discontinued.

234a (*909, p. 157; 939, p. 118; 947, p. 137; *989, p. 153). N. E. Hughes. About 0.25 mile northwest of Wimberly. Water levels, in feet below land-surface datum, 1944: May 1, 13.79; Aug. 25, 13.93; Dec. 19, 14.48.

349 (*909, p. 158; 939, p. 118; 947, p. 137; *989, p. 153). E. Brooks. 1.75 miles northwest of San Marcos. Water levels, in feet below land-surface datum, 1944: Apr. 29, 159.91; Aug. 23, 160.87; Dec. 18, 161.72.

504 (*840, p. 440; 845, p. 504; 886, p. 720; 909, p. 158; 939, p. 118; 947, p. 137; *989, p. 154). Glynn C. Key. On U. S. Highway 290, 2.3 miles west of Hays-Travis county line. Water levels, in feet below land-surface datum, 1944: May 1, 35.03; Aug. 25, 35.06; Dec. 19, 36.28.

505 (*840, p. 440; 845, p. 504; 886, p. 720; 909, p. 158; 939, p. 118; 947, p. 137; *989, p. 154). Glynn C. Key. 2 feet north of well 504. Water levels, in feet below land-surface datum, 1944: May 1, 59.40; Aug. 25, 55.45; Dec. 19, 61.33.

506 (*840, p. 440; 845, p. 504; 886, p. 720; 909, p. 158; 939, p. 118; 947, p. 137; *989, p. 154). John L. Tinney. About 0.7 mile east of Dripping Springs. Water levels, in feet below land-surface datum, 1944: May 1, 25.73; Aug. 23, 25.51; Dec. 19, 25.28.

507 (*840, p. 440; 845, p. 505; 886, p. 721; 909, p. 158; 939, p. 118; 947, p. 137; *989, p. 154). John L. Tinney. 21 feet east of well 506. Water levels, in feet below land-surface datum, 1944: May 1, 56.34; Aug. 25, 63.27; Dec. 19, 57.85.

524 (*840, p. 440; 845, p. 505; 886, p. 721; 909, p. 158; 939, p. 118; 947, p. 137; *989, p. 154). H. W. Hageman. 1.8 miles north of San Marcos. Water levels, in feet below land-surface datum, 1944: Apr. 29, 31.17; Aug. 23, 30.83; Dec. 18, 31.64.

528 (*840, p. 440; 845, p. 505; 886, p. 721; 909, p. 158; 939, p. 119; 947, p. 138; *989, p. 154). F. N. Whaley. 4.75 miles north of San Marcos. Water levels, in feet below land-surface datum, 1944: Apr. 29, 93.26; Aug. 23, 94.09; Dec. 18, 94.84.

529 (*840, p. 440; 845, p. 505; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 154). Nicholas Thiele. At south edge of Kyle. Water levels, in feet below land-surface datum, 1944: Apr. 29, 138.68; Aug. 23, 138.58; Dec. 21, 138.33.

532 (*840, p. 440; 845, p. 505; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 154). John Butler. 3.2 miles north of Kyle. Water levels, in feet below land-surface datum, 1944: Apr. 29, 147.15; Dec. 18, 145.42.

534 (*840, p. 440; 845, p. 505; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 154). J. J. Horton. Formerly owned by S. B. Barber. In Buda. Water levels, in feet below land-surface datum, 1944: Apr. 28, 93.63; Aug. 23, 103.00; Dec. 21, 105.91.

535 (*840, p. 440; 845, p. 505; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 154). Thomas Yoe. On U. S. Highway 81, 0.2 mile south of Hays-Travis county line.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	26.19	Apr. 1	25.14	July 2	23.03	Oct. 1	25.19
Feb. 3	25.98	30	24.81	30	23.96	Nov. 1	25.55
27	25.93	May 29	24.53	Aug. 27	24.58	Dec. 1	25.26

543 (*845, p. 505; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 154). W. P. Donaldson. 2.6 miles southwest of San Marcos. Water levels, in feet below land-surface datum, 1944: Apr. 29, 60.64; Aug. 23, 70.80; Dec. 18, 7.52.

553 (*840, p. 441; 845, p. 506; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 155). G. M. Jackson. 3 miles southwest of San Marcos. Water levels, in feet below land-surface datum, 1944: Apr. 29, 115.74; Aug. 23, 116.53; Dec. 18, 118.37.

585 (*840, p. 441; 845, p. 506; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 155). R. F. Clayton. 4.1 miles south of Wimberly. Water levels, in feet below land-surface datum, 1944: May 1, 54.68; Aug. 25, 57.82; Dec. 19, 55.50.

586 (*840, p. 441; 845, p. 506; 886, p. 721; 909, p. 159; 939, p. 119; 947, p. 138; *989, p. 155). W. A. Leath. 1 mile southeast of Wimberly. Water levels, in feet below land-surface datum, 1944: May 1, 36.08; Aug. 25, 44.70; Dec. 19, 40.20.

590 (*840, p. 441; 845, p. 506; 886, p. 722; 909, p. 160; 939, p. 119; 947, p. 138; *989, p. 155). Fred Boyett. 4.1 miles southwest of Wimberly. Water levels, in feet below land-surface datum, 1944: May 1, 55.20; Aug. 25, 60.83; Dec. 19, 58.76.

591 (*840, p. 441; 845, p. 506; 886, p. 722; 909, p. 160; 939, p. 119; 947, p. 138; *989, p. 155). Fred Boyett. 100 feet south of well 590. Water levels, in feet below land-surface datum, 1944: May 1, 9.21; Aug. 25, 43.01; Dec. 19, 9.32.

614 (*840, p. 441; 845, p. 507; 886, p. 722; 909, p. 160; 939, p. 119; 947, p. 138; *989, p. 155). J. D. McCall. 6.8 miles south of Dripping Springs. Water levels, in feet below land-surface datum, 1944: May 1, 23.31; Aug. 25, 62.49; Dec. 19, 22.79.

615 (*840, p. 441; 845, p. 507; 886, p. 722; 909, p. 160; 939, p. 120; 947, p. 138; *989, p. 155). Wiley Roberts. 4.6 miles south of Dripping Springs. Water levels, in feet below land-surface datum, 1944: May 1, 84.76; Aug. 25, 85.02; Dec. 19, 84.88.

629 (*840, p. 441; 845, p. 507; 886, p. 722; 909, p. 160; 939, p. 120; *989, p. 155). J. N. Byler. 6.5 miles north of Wimberly. Water levels, in feet below land-surface datum, 1944: May 1, 213.72; Aug. 25, 219.98.

677a (*845, p. 507; 886, p. 722; 909, p. 160; 939, p. 120; 947, p. 138; *989, p. 155). T. E. Hughes. At northwest edge of Wimberly. Water levels, in feet below land-surface datum, 1944: May 1, 26.41; Aug. 25, 26.52; Dec. 19, 27.08.

677 (*840, p. 442; 845, p. 507; 886, p. 722; 909, p. 160; 939, p. 120; 947, p. 138; *989, p. 155). J. E. Bryant. 6.5 miles north of Wimberly. Water levels, in feet below land-surface datum, 1944: May 1, 93.73; Aug. 25, 92.17; Dec. 19, 93.41.

678 (*840, p. 442; 845, p. 507; 886, p. 722; 909, p. 161; 939, p. 120; 947, p. 138; *989, p. 155). J. E. Bryant. About 0.1 mile south of well 677. Water levels, in feet below land-surface datum, 1944: May 1, 273.56; Aug. 25, 274.46; Dec. 19, 275.09.

706 (*840, p. 442; 845, p. 507; 886, p. 722; 909, p. 161; 939, p. 120; 947, p. 138; *989, p. 155). Jim Roberts. About 0.9 mile north of Wimberly Water levels, in feet below land-surface datum, 1944: May 1, 42.13; Aug. 25, 64.01; Dec. 19, 7.66.

Hockley County

5 (*840, p. 444; 845, p. 509; 886, p. 724; 909, p. 163; 939, p. 121; *989, p. 156). Santa Fe Railway Co. In Smyer. Water level, in feet below land-surface datum, 1944: Jan. 28, 86.27.

7 (*840, p. 445; 886, p. 724; 909, p. 163; 939, p. 121; *989, p. 156). Pickard. On south line of lab. 23, Wm. Tubbs survey, 5.2 miles east of Levelland. Water level, in feet below land-surface datum, 1944: Feb. 24, 84.80.

24 (*840, p. 446; 845, p. 510; 886, p. 724; 909, p. 163; 939, p. 121; 947, p. 139; *989, p. 156). R. Y. Hughen. SW¼ sec. 99, blk. A, R. M. Thomson survey, 2 miles southeast of railroad depot in Anton. Water level, in feet below land-surface datum, 1944: Jan. 28, 20.30.

25 (*840, p. 446; 845, p. 510; 886, p. 724; 909, p. 163; 939, p. 121; 947, p. 139; *989, p. 156). Texas Highway Department. SW¼ sec. 103, blk. A, R. M. Thomson survey, 0.6 mile east of railroad depot in Anton. Water level, in feet below land-surface datum, 1944: Jan. 28, 24.05.

28 (*840, p. 446; 845, p. 510; 886, p. 725; 909, p. 163; 939, p. 121; 947, p. 139; *989, p. 156). Dan Jackson and Paul Whitfield. NW. corner SW¼ sec. 106, blk. A, R. M. Thomson survey, 0.35 mile south of railroad depot in Anton. Water level, in feet below land-surface datum, 1944: Jan. 28, 27.23.

29 (*840, p. 446; 845, p. 511; 886, p. 725; 909, p. 163; 939, p. 121; 947, p. 139; *989, p. 156). A. L. Lindsey. SE. corner SE¼ sec. 124, blk. A, R. M. Thomson survey, 1.7 miles west of railroad depot in Anton. Water level, in feet below land-surface datum, 1944: Jan. 28, 24.55.

126 (*845, p. 511; 886, p. 725; 909, p. 163; 939, p. 121; 947, p. 139; *989, p. 156). W. M. Alexander. SE¼SE¼SW¼ sec. 89, blk. A, 3 miles south of Anton. Water level, in feet below land-surface datum, 1944: Jan. 28, 22.00.

127 (*845, p. 511; 886, p. 725; 909, p. 163; 939, p. 121; 947, p. 139; *989, p. 156). Mr. Leeds. Measurements discontinued.

Howard County

(No measurements made in 1944).

Jackson County

5 (*840, p. 461; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 141; *989, p. 159). Jackson County. At Upper Cordele school. Water level, in feet below land-surface datum, 1944: Mar. 31, 34.74.

6 (*840, p. 461; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; *989, p. 159). N. J. Marthiljohni. Measurements discontinued.

7 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). D. W. Schropshire. 1.25 miles north of Navidad. Water level, in feet below land-surface datum, 1944: Mar. 31, 41.84.

11a (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). Nellie Miller Estate. About 5 miles south of Morales. Water level, in feet below land-surface datum, 1944: Mar. 31, 33.45.

12 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). J. L. Shepherd. 3.75 miles southeast of Morales. Water level, in feet below land-surface datum. 1944: Mar. 31, 34.09.

14 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). Mrs. C. V. Watson. 2.3 miles north of Cordele. Water level, in feet below land-surface datum, 1944: Mar. 31, 34.57.

56 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). A. H. Nagel. At Cordele. Water level, in feet below land-surface datum, 1944: Mar. 31, 29.68.

57 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). S. G. Drushel. At crossroads 2.5 miles south of Cordele. Water level, in feet below land-surface datum, 1944: Mar. 31, 36.21.

64 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). Wm. Clifford. 3.5 miles west of Edna. Water level, in feet below land-surface datum, 1944: Apr. 1, 33.72.

66 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). S. J. and E. F. Swenson. 5 miles northeast of Edna. Water level, in feet below land-surface datum, 1944: Apr. 1, 34.66.

69 (*840, p. 462; 845, p. 514; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 159). A. E. Westhoff. 2.5 miles northeast of Edna. Water level, in feet below land-surface datum, 1944: Apr. 1, 32.66.

71 (*840, p. 462; 845, p. 515; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 160). W. Rogers. 3.7 miles west of Edna. Water level, in feet below land-surface datum, 1944: Apr. 1, 23.71.

78 (*840, p. 463; 845, p. 515; 886, p. 727; 909, p. 167; 939, p. 125; 947, p. 142; *989, p. 160). Rose, Sample, Taylor, & Bagby. 2 miles east of Edna, opposite Manson railroad station. Water level, in feet below land-surface datum, 1944: Apr. 1, 27.78.

88 (*840, p. 463; 845, p. 515; 947, p. 142; *989, p. 160). A. E. Westhoff. 6 miles south-southeast of Edna. Water level, in feet below land-surface datum, 1944: Apr. 1, 17.88.

103 (*840, p. 463; 845, p. 515; 886, p. 727; 909, p. 167; 939, p. 126; 947, p. 142; *989, p. 160). A. C. Wilbeck. 6 miles northwest of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 30, 33.75.

105 (*947, p. 142; *989, p. 160). A. M. Robinson. 4 miles north of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 30, 30.45.

108a (*840, p. 463; 845, p. 515; 886, p. 727; 909, p. 167; 939, p. 126; 947, p. 142; *989, p. 160). Sugarland Fig Growers Association. In Ganado. Water level, in feet below land-surface datum, 1944: Mar. 30, 25.71.

115 (*840, p. 463; 845, p. 515; 886, p. 727; 909, p. 167; 939, p. 126; 947, p. 142; *989, p. 160). R. W. Silliman. 5.3 miles southeast of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 31, 24.08.

123 (*840, p. 463; 845, p. 515; 886, p. 727; 909, p. 167; 939, p. 126; 947, p. 142; *989, p. 160). Mrs. C. L. Gaines. 9 miles southeast of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 31, 18.14.

154 (*840, p. 463; 845, p. 515; 886, p. 727; 909, p. 168; 939, p. 126; 947, p. 142; *989, p. 160). Mrs. C. W. Parfet. 4 miles east of Midway. Water level, in feet above land-surface datum, 1944: Apr. 2, 4.8.

156 (*840, p. 463; 845, p. 515; 886, p. 727; 909, p. 168; 939, p. 126; 947, p. 143; *989, p. 160). Bennie Elliott. Measurements discontinued.

180 (*840, p. 464; 845, p. 515; 886, p. 727; 909, p. 168; 939, p. 126; 947, p. 143; *989, p. 160). L. Ward. At LaWard. Water level, in feet below land-surface datum, 1944: Apr. 2, 18.87.

229 (*840, p. 464; 845, p. 515; 886, p. 728; 909, p. 168; 939, p. 126; 947, p. 143; *989, p. 160). W. A. Utzman. 3 miles north of Vanderbilt. Water level, in feet below land-surface datum, 1944: Apr. 1, 32.12.

230 (*840, p. 464; 845, p. 515; 886, p. 728; 909, p. 169; 939, p. 126; 947, p. 143; *989, p. 160). Royal Dedman. 5.5 miles northeast of Vanderbilt. Water level, in feet below land-surface datum, 1944: Apr. 1, 33.83.

304 (*947, p. 143; *989, p. 160). O. B. Fenner. No measurements made in 1944.

305 (*947, p. 143; *989, p. 161). O. B. Fenner. No measurements made in 1944.

313 (*947, p. 143; *989, p. 161). G. A. Harrison. 4 miles northeast of Edna. Water level, in feet below land-surface datum, 1944: Apr. 1, 27.30.

318 (*947, p. 143; *989, p. 161). Geo. Carstien. 5 miles north of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 30, 29.39.

322 (*947, p. 143; *989, p. 161). Mrs. B. W. Martin. 9 miles northwest of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 30, 29.15.

337 (*947, p. 143; *989, p. 161). Rose & Sample. 9 miles southeast of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 30, 17.44.

338 (*947, p. 143; *989, p. 161). Harry Wyer. 9 miles southeast of Ganado. Water level, in feet below land-surface datum, 1944: Mar. 30, 17.00.

357 (*947, p. 143; *989, p. 161). A. V. Raplee. 10 miles south of Francitas. Water level, in feet below land-surface datum, 1944: Apr. 2, 9.50.

Jim Wells County

193 (*777, p. 215; 840, p. 464; 845, p. 515; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 161). M. Morales. No measurements made in 1944.

206 (*777, p. 215; 840, p. 464; 845, p. 515; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 161). Emilio Barrera. No measurements made in 1944.

207 (*777, p. 215; 840, p. 464; 845, p. 515; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 161). Roman Saenz. No measurements made in 1944.

221 (*777, p. 215; 845, p. 516; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 161). Felix Perez Cadena. No measurements made in 1944.

222 (*777, p. 215; 840, p. 464; 845, p. 515; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 161). Manual Cadena. No measurements made in 1944.

242 (*989, p. 161). Hormigas (owner's name for well). King Estate. 6.5 miles south of Ben Bolt. Water level, in feet below land-surface datum, 1944: Mar. 7, 70.09.

244 (*989, p. 161). Ella well (owner's name for well). King Estate. 9.5 miles north of Premont. Water level, in feet below land-surface datum, 1944: Mar. 7, 75.10.

252 (*777, p. 215; 840, p. 464; 845, p. 516; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 162). Cerapio Hinojosa. No measurements made in 1944.

253 (*777, p. 215; 840, p. 464; 845, p. 516; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 162). San Juan Hinojosa. No measurements made in 1944.

269 (*989, p. 162). R. P. Wynne. 4 miles north of Premont. Water level, in feet below land-surface datum, 1944: Mar. 6, 63.26.

292 (*989, p. 162). W. A. Cobb. No measurements made in 1944.

307 (*989, p. 162). A. R. Clarke. No measurements made in 1944.

314 (*989, p. 162). H. S. Hewitt. No measurements made in 1944.

316 (*989, p. 162). C. T. Hewitt. 1.75 miles west of Premont. Water level, in feet below land-surface datum, 1944: Mar. 5, 68.94.

346 (*989, p. 162). Charlie Premont. 6 miles southwest of Premont. Water level, in feet below land-surface datum, 1944: Mar. 6, 46.65.

357 (*989, p. 162). Nelson English. 1.75 miles south of Premont. Water level, in feet below land-surface datum, 1944: Mar. 5, 58.06.

359 (*989, p. 162). E. J. Corrigan. 3.25 miles south of Premont. Water level, in feet below land-surface datum, 1944: Mar. 6, 49.53.

374 (*777, p. 216; 840, p. 464; 845, p. 516; 886, p. 728; 909, p. 168; 939, p. 126; *989, p. 162). E. G. Maun. 4.5 miles northwest of Palfurrias. Water level, in feet below land-surface datum, 1944: Mar. 3, 28.76.

377 (*989, p. 162). Dale Maun. 7 miles southwest of Premont. Water level, in feet below land-surface datum, 1944: Mar. 3, 22.78.

382 (*989, p. 163). J. H. Patzakowsky. No measurements made in 1944.

397 (*989, p. 163). John Minten. 5 miles southeast of Premont. Water level, in feet below land-surface datum, 1944: Mar. 6, 41.80.

399 (*989, p. 163). O. M. Boone. 5.25 miles south of Premont. Water level, in feet below land-surface datum, 1944: Mar. 5, 45.47.

418 (*989, p. 163). City or Premont. In Premont.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 10	73.62	July 7	74.20	Aug. 2	79.07	Sept. 8	80.55
May 10	78.83	24	79.07	29	79.07	Nov. 22	78.83
June 16	76.50						

Kinney County

XK1 (*840, p. 464; 845, p. 516; 886, p. 728; 909, p. 168; 939, p. 127; 947, p. 144; *989, p. 163). Ethel Whitaker. 2 miles west of Cline. Water levels, in feet below land-surface datum, 1944: May 2, 70.87; Aug. 18, 71.38; Dec. 22, 71.40.

XK5 (*840, p. 465; 845, p. 516; 886, p. 728; 909, p. 169; 939, p. 127; 947, p. 144; *989, p. 163). Judge John Fritter. 6 miles east of Brackettville. Water levels, in feet below land-surface datum, 1944: May 2, 29.68; Aug. 17, 32.78; Dec. 22, 32.88.

XK6 (*840, p. 465; 845, p. 516; 886, p. 728; 909, p. 169; 939, p. 127; 947, p. 144; *989, p. 163). Dr. B. F. Orr. No measurements made in 1944.

XK9 (*840, p. 465; 845, p. 517; 886, p. 729; 909, p. 169; 939, p. 127; 947, p. 144; *989, p. 163). C. J. Poehler. 3.75 miles west of Brackettville. Water levels, in feet below land-surface datum, 1944: May 2, 38.25; Aug. 17, 37.93; Dec. 22, 37.64.

XK11 (*840, p. 466; 845, p. 517; 886, p. 729; 909, p. 169; 939, p. 127; 947, p. 144; *989, p. 163). J. F. Beidler. 7 miles west of Brackettville. Water levels, in feet below land-surface datum, 1944: May 2, 26.64; Aug. 17, 28.17; Dec. 23, 26.61.

XK12 (*840, p. 466; 845, p. 517; 886, p. 729; 909, p. 169; 939, p. 127; 947, p. 144; *989, p. 163). J. F. Beidler. 12.5 miles west of Brackettville. Water levels, in feet below land-surface datum, 1944: May 3, 15.54; Aug. 18, 15.20; Dec. 23, 15.34.

XK13 (*840, p. 466; 845, p. 517; 886, p. 729; 909, p. 169; 939, p. 127; 947, p. 144; *989, p. 163). Howard Roberts. 17.5 miles west of Brackettville. Water levels, in feet below land-surface datum, 1944: May 3, 61.70; Aug. 18, 63.81; Dec. 23, 63.26.

XK17 (*909, p. 170; 939, p. 127; 947, p. 144; *989, p. 164). Jimmy Lowrance. 1 mile west of Brackettville. Water levels, in feet below land-surface datum, 1944: May 2, 50.50; Aug. 19, 50.58; Dec. 22, 50.48.

XK112 (*886, p. 729; 909, p. 170; 939, p. 127; *989, p. 164). E. Webb. No measurements made in 1944.

XK114 (*886, p. 729; 909, p. 170; 939, p. 127; 947, p. 144; *989, p. 164). E. Webb. 7.5 miles north of Brackettville. Water levels, in feet below land-surface datum, 1944: May 2, 65.03; Aug. 17, 66.37; Dec. 22, 67.22.

XK116 (*886, p. 729; 909, p. 170; 939, p. 127; 947, p. 144; *989, p. 164). J. D. Harwood. 10 miles north of Brackettville. Water levels, in feet below land-surface datum, 1944: May 2, 109.08; Aug. 17, 112.28.

XK163 (*886, p. 730; 909, p. 170; 939, p. 127; *989, p. 164). Edward May. No measurements made in 1944.

XK170 (*909, p. 170; 939, p. 127; 947, p. 144; *989, p. 164). Nolan & Postell. No measurements made in 1944.

XK180 (*886, p. 730; 909, p. 171; 939, p. 127; 947, p. 144; *989, p. 164). N. P. Peterson. No measurements made in 1944.

XK187 (*909, p. 171; 939, p. 128; 947, p. 144; *989, p. 164). Mrs. G. A. Harrison. 9.5 miles east of Brackettville. Water levels, in feet below land-surface datum, 1944: May 3, 80.34; Aug. 18, 80.99; Dec. 22, 80.63.

XK196 (*886, p. 730; 909, p. 171; 939, p. 128; 947, p. 144; *989, p. 164). Judge John Fritter. No measurements made in 1944.

XK198 (*909, p. 171; 939, p. 128; 947, p. 144; *989, p. 164). Charley Zinsmeister, 5 miles west of Brackettville. Water levels, in feet below land-surface datum, 1944: May 2, 43.32; Aug. 17, 43.43; Dec. 22, 44.13.

XK199 (*909, p. 172-173; 939, p. 128; 947, p. 144; *989, p. 164). E. Webb. No measurements made in 1944.

Kleberg County

13 (*773-D, p. 210, 221; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 128; *989, p. 164). Tamales (owner's name for well). King Estate. 8 miles northwest of Santa Gertrudis ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 62.99.

15 (*773-D, p. 210, 221; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 128; *989, p. 164). Puertos (owner's name for well). King Estate. 5 miles northwest of Santa Gertrudis ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 59.79.

23 (*773-D, p. 210, 221; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 128; *989, p. 164). Caldero (owner's name for well). King Estate. 2.7 miles west-southwest of Santa Gertrudis ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 66.13.

31 (*773-D, p. 210, 221; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 129; *989, p. 165). Liberty (owner's name for well). King Estate. 2 miles south of Santa Gertrudis ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 52.28.

35 (*773-D, p. 210, 221; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 129; *989, p. 165). Silo (owner's name for well). King Estate. 1.5 miles southeast of Santa Gertrudis ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 55.68.

64 (*773-D, p. 210, 221; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 129; *989, p. 165). Rincon Caesar (owner's name for well). King Estate. 18 miles south-southeast of Santa Gertrudis ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 7, 3.48.

73 (*773-D, p. 210, 222; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 129; *989, p. 165). Joe Stelzig. No measurements made in 1944.

83 (*773-D, p. 210, 222; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 129; *989, p. 165). Texas College of Arts and Industries. Measurements discontinued.

91 (*773-D, p. 210, 222; *989, p. 165). City of Kingsville well 2. No measurements made in 1944.

92 (*773-D, p. 210, 222; *989, p. 165). City of Kingsville well 3. In Kingsville. Water level, in feet below land-surface datum, 1944: Mar. 7, 77.50.

127 (*773-D, p. 211, 222; 845, p. 517; 886, p. 730; 909, p. 173; 939, p. 129; *989, p. 165). R. F. Preait. 2.5 miles south of Kingsville. Water level, in feet below land-surface datum, 1944: Mar. 5, 46.08.

144 (*773-D, pp. 211, 222; 845, p. 517; 886, p. 730; 909, p. 174; 939, p. 129; *989, p. 165). Joe Elsik. No measurements made in 1944.

188 (*773-D, p. 211, 223; 845, p. 518; 886, p. 731; 909, p. 174; 939, p. 129; *989, p. 165). J. R. Trussell. 3.5 miles south of Kingsville. Water level, in feet below land-surface datum, 1944: Mar. 5, 38.79.

190 (*773-D, p. 211, 223; 845, p. 518; 886, p. 731; 909, p. 174; 939, p. 129; *989, p. 165). L. E. Flato et al. 4.5 miles south of Kingsville. Water level, in feet below land-surface datum, 1944: Mar. 5, 30.68.

217 (*773-D, p. 211, 223; 845, p. 518; 886, p. 731; 909, p. 174; 939, p. 129; *989, p. 166). J. R. Trussell. No measurements made in 1944.

257 (*773-D, p. 211, 224; 845, p. 518; 886, p. 731; 909, p. 174; 939, p. 129; *989, p. 166). Mrs. J. Talty. 7.5 miles south of Kingsville. Water level, in feet below land-surface datum, 1944: Mar. 5, 16.12.

278 (*773-D, p. 211, 224; *989, p. 166). H. Andrews. No measurements made in 1944.

282 (*773-D, p. 211, 224; 845, p. 518; 886, p. 731; 909, p. 174; *989, p. 166). Pete Christensen. 3 miles north of Rivera. Water level, in feet below land-surface datum, 1944: Mar. 5, 7.29.

283 (*773-D, p. 211, 224; 845, p. 518; 909, p. 174; 939, p. 129; *989, p. 166). W. H. Bensman. 3 miles north of Rivera. Water level, in feet below land-surface datum, 1944: Mar. 5, 7.96.

375 (*773-D, p. 211, 226; 845, p. 518; 909, p. 174; 939, p. 129; *989, p. 166). Noria Honda (owner's name for well). King Estate. 12 miles west of Laureles ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 17.57.

380 (*773-D, p. 211, 226; 845, p. 518; 909, p. 174; 939, p. 129; *989, p. 166). Telephone number 1 (owner's name for well). King Estate. 13 miles southwest of Laureles ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 21.78.

382 (*773-D, p. 211, 226; 845, p. 518; 909, p. 174; 939, p. 129; *989, p. 166). Tres Esquinas (owner's name for well). King Estate. No measurements made in 1944.

383 (*773-D, p. 211, 226; 845, p. 518; 909, p. 174; 939, p. 129; *989, p. 166). Quantitos (owner's name for well). King Estate. 8.5 miles west-southwest of Laureles ranch headquarters. Water level, in feet below land-surface datum, 1944: Mar. 6, 4.89.

384 (*773-D, p. 211, 226; 845, p. 518; 909, p. 174; 939, p. 129; *989, p. 166). Aljibes (owner's name for well). King Estate. No measurements made in 1944.

385 (*773-D, p. 211, 226; 845, p. 518; 909, p. 174; 939, p. 129; *989, p. 166). Palasios (owner's name for well). King Estate. No measurements made in 1944.

406 (*773-D, p. 211, 226; 845, p. 518; 909, p. 174; 939, p. 130; *989, p. 166). Mujeres Chiquitas (owner's name for well). King Estate. About 0.5 mile south of Laureles ranch headquarters. Water level, in feet below land-surface datum, 1944: 20.36.

Lamb County

1 (*840, p. 466; 845, p. 518; 886, p. 731; 909, p. 174; 939, p. 130; 947, p. 145; *989, p. 166). H. H. Engleking. NW. corner NE¼ sec. 14, blk. W, 11 miles west and 4.5 miles north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 66.80.

3a (*840, p. 466; 845, p. 518; 886, p. 731; 909, p. 174; 939, p. 130; 947, p. 145; *989, p. 166). J. O. Crawford. NW. corner SW¼ sec. 50, blk. W, 11 miles west and 3 miles north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 23.68.

6 (*845, p. 518; 886, p. 731; 909, p. 174; 939, p. 130; 947, p. 145; *989, p. 167). Albert Lavigne. NW. corner SW¼ sec. 35, blk. W, 12 miles west of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 17.80.

7 (*840, p. 466; 845, p. 518; 886, p. 731; 909, p. 175; 939, p. 130; 947, p. 145; *989, p. 167). Lillie Bickley. NW¼SW¼ sec. 46, blk. W, 11 miles west and 1 mile north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 10.50.

8 (*840, p. 467; 845, p. 518; 886, p. 731; 909, p. 175; 939, p. 130; 947, p. 145; *989, p. 167). J. L. Withrow. NW. corner of NE¼ sec. 51, blk. W, 0.5 mile north of U. S. Highway 70 and 0.5 mile east of Bailey-Lamb county line. Water level, in feet below land-surface datum, 1944: Feb. 15, 12.51.

13 (*840, p. 467; 845, p. 518; 886, p. 731; 909, p. 175; 939, p. 130; 947, p. 145; *989, p. 167). John Fryle. NW. corner NW¼ sec. 45, blk. W, 10 miles west and 1.5 miles north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 15.70.

16 (*840, p. 467; 845, p. 510; 886, p. 731; 909, p. 175; 939, p. 130; 947, p. 145; *989, p. 167). R. L. Brown. NW. corner NE¼SW¼ sec. 30, blk. W, 10 miles west and 3 miles north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 10, 30.70.

19 (*840, p. 467; 845, p. 519; 886, p. 731; 909, p. 175; 939, p. 130; 947, p. 145; *989, p. 167). Josephine Roubineck. NW. corner SE¼ sec. 36, blk. W, 10.5 miles west and 2 miles north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 14.94.

30 (*840, p. 467; 845, p. 519; 886, p. 731; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 167). J. M. Young. NE¼NE¼SE¼ sec. 38, blk. W, 7 miles west and 2 miles north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 20.00.

33a (*886, p. 732; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 167). Halsell Cattle Co. Measurements discontinued.

34a (*886, p. 732; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 167). Halsell Cattle Co. Measurements discontinued.

38 (*840, p. 467; 845, p. 519; *989, p. 167). Zeb Smith. SE¼NE¼NE¼ sec. 57, blk. 3, 5 miles west and 2 miles north of Earth. Water level, in feet below land-surface datum, 1944: Feb. 14, 55.26.

42 (*840, p. 467; 845, p. 519; 886, p. 732; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 167). Halsell Cattle Co. Measurements discontinued.

60 (*840, p. 468; 845, p. 519; 886, p. 732; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 167). S. A. Davis. NW. corner SE¼ corner SE¼ sec. 69, blk. 1, 0.5 mile northwest of Springlake. Water level, in feet below land-surface datum, 1944: Feb. 8, 67.97.

76 (*840, p. 468; 845, p. 519; 886, p. 732; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 167). F. E. Gladden. NW. corner NE¼ sec. 12, blk. T., T. A. T. Survey, 10 miles east of Earth. Water level, in feet below land-surface datum, 1944: Feb. 8, 69.75.

76a (*845, p. 519; 886, p. 732; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 168). George Brown. SE. corner NE. 68 acres in sec. 1, blk. T 1, T. A. T. survey, 10 miles east of Earth. Water level, in feet below land-surface datum, 1944: Feb. 8, 77.85.

88 (*845, p. 519; 886, p. 732; 909, p. 175; 939, p. 130; 947, p. 146; *989, p. 168). Halsell Cattle Co. SW¼ lab. 20, lge. 238, on east side of Amherst, 8.5 miles south of Earth. Water level, in feet below land-surface datum, 1944: Feb. 8, 34.00.

88a (*845, p. 519; 886, p. 732; 909, p. 175; 939, p. 131; *989, p. 168). Halsell Cattle Co. Measurements discontinued.

89a (*886, p. 732; 909, p. 175; 939, p. 131; 947, p. 146; *989, p. 168). Halsell Cattle Co. Measurements discontinued.

91a (*886, p. 732; 909, p. 175; 939, p. 131; 947, p. 146; *989, p. 168). Halsell Cattle Co. Measurements discontinued.

93a (*886, p. 733; 909, p. 175; 939, p. 131; 947, p. 146; *989, p. 168). Halsell Cattle Co. Measurements discontinued.

108 (*840, p. 468; 845, p. 519; 886, p. 733; 909, p. 175; 939, p. 131; 947, p. 146; *989, p. 168). Texas Highway Department. 4.7 miles northwest of Sudan railroad depot, on U. S. Highway 84 right-of-way, north side of pavement. Water level, in feet below land-surface datum, 1944: Feb. 2, 14.12.

830 (*840, p. 468; 845, p. 519; 886, p. 133; 909, p. 176; 939, p. 131; 947, p. 146; *989, p. 168). Owner unknown. Measurements discontinued.

231 (*840, p. 468; 845, p. 519; 886, p. 733; 909, p. 176; 939, p. 131; 947, p. 146; *989, p. 168). Vincent Peterman. Center of NE¼ lab. 16, lge. 218, on south side of U. S. Highway 84, 2 miles southeast of Bailey-Lamb county line. Water level, in feet below land-surface datum, 1944: Feb. 2, 101.60.

236 (*840, p. 468; 845, p. 519; 909, p. 176; 939, p. 131; 947, p. 146; *989, p. 168). L. D. Criswell. NW¼SE¼ lab. 24, lge. 649, 1 mile north of U. S. Highway 84, 2 miles east of Amherst. Water level, in feet below land-surface datum, 1944: Feb. 22, 71.84.

238a (*845, p. 519; 886, p. 733; 909, p. 176; 939, p. 131; 947, p. 147; *989, p. 168). D. C. Black. Measurements discontinued.

243 (*840, p. 468; 845, p. 519; 886, p. 753; 909, p. 176; 939, p. 131; 947, p. 147; *989, p. 168). Les Barker. Center of lab. 5, lge. 664, on south side of U. S. Highway 84, 1.5 miles northwest of Littlefield. Water level, in feet below land-surface datum, 1944: Feb. 22, 75.30.

251a (*886, p. 733; 909, p. 176; 939, p. 131; 947, p. 147; *989, p. 168). G. Y. Oxford. NW¼ lab. 17, lge. 644, 8.5 miles north of Littlefield. Water level, in feet below land-surface datum, 1944: Feb. 21, 51.30.

259b (*845, p. 520; 886, p. 733; 909, p. 176; 939, p. 131; 947, p. 147; *989, p. 169). Lee Bennett. Measurements discontinued.

322 (*840, p. 468; 845, p. 520; 886, p. 734; 909, p. 176; 939, p. 131; 947, p. 147; *989, p. 169). Yellow House Land Co. NW. corner lab. 16, lge. 671, 0.5 mile north of Yellow House railroad switch. Water level, in feet below land-surface datum, 1944: 35.35.

341a (*845, p. 520; 886, p. 734; 909, p. 176; 939, p. 131; 947, p. 147; *989, p. 169). Owner unknown. SE. corner NW¼NE¼ lab. 25, lge. 671, 0.5 mile north of Yellow House railroad switch. Water level, in feet below land-surface datum, 1944: Jan. 29, 37.84.

342a (*845, p. 520; 886, p. 734; 909, p. 176; 939, p. 131; 947, p. 147; *989, p. 169). R. M. Love. SW¼NW¼ sec. 6, blk. 1, R. M. Thomson survey, 30 feet south of U. S. Highway 84, 4.3 miles northwest of Anton railroad depot. Water level, in feet below land-surface datum, 1944: 35.62.

Lubbock County

3a (*845, p. 522; 886, p. 735; 909, p. 177; 939, p. 133; *989, p. 169). E. E. Winters. NE¼NE¼ sec. 43, blk. P, 17 miles north of Lubbock. Measuring point, top of wood pipe clamp, 0.5 foot above land-surface. Water level, in feet below land-surface datum, 1944: Feb. 9, 28.00.

37 (*909, p. 177; 939, p. 133; 947, p. 148; *989, p. 169). S. E. Blair. NW¼NW¼ sec. 149, blk. C, 17 miles northeast of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 22, 70.96.

64a (*845, p. 522; 886, p. 735; 909, p. 178; 939, p. 133; 947, p. 148; *989, p. 169). W. O. Fortenberry. NE¼NW¼ sec. 30, blk. D, 0.4 mile east of U. S. Highway 87, 10.5 miles north of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 82.54.

74a (*845, p. 522; 886, p. 735; 909, p. 178; 939, p. 133; 947, p. 148; *989, p. 169). J. S. George. SW¼SE¼ sec. 37, blk. A, 1.5 miles west of U. S. Highway 87, 6.5 miles north of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 31.21.

74b (*886, p. 735; 909, p. 178; 939, p. 133; 947, p. 148; *989, p. 169). J. S. George. NE¼NW¼ sec. 37, blk. A, 7.5 miles north of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 33.09.

77a (*845, p. 522; 886, p. 735; 909, p. 178; *989, p. 169). J. M. Felton. SE¼SE¼ sec. 35, blk. 35, 6.5 miles north of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 70.41.

81 (*840, p. 470; 845, p. 522; 886, p. 735; 909, p. 178; 939, p. 133; 947, p. 148; *989, p. 169). J. E. Vickers. NE¼SE¼ sec. 27, blk. A, 0.2 mile west of U. S. Highway 87, 5 miles north of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 41.30.

82a (*947, p. 148; *989, p. 169). R. E. Karper. Measurements discontinued.

99 (*840, p. 470; 845, p. 522; 909, p. 178; 947, p. 148; *989, p. 169). R. B. Gray. SW¼NE¼ sec. 37, blk. P. 4 miles northwest of Shallowater. Water level, in feet below land-surface datum, 1944: Feb. 9, 25.53.

101 (*840, p. 470; 845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; *989, p. 170). O. P. Bowser. No measurements made in 1944.

107 (*840, p. 470; 845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 148; *989, p. 170). B. G. Lokey. SW¼NE¼ sec. 27, blk. D5, on north side of U. S. Highway 84, in Shallowater. Water level, in feet below land-surface datum, 1944: Feb. 9, 44.31.

118 (*845, p. 523; 886, p. 736; 939, p. 134; 947, p. 148; *989, p. 170). T. C. James. Formerly owned by W. P. Martin. NW¼NE¼ sec. 17, blk. JS, 9 miles west of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 4, 79.56.

121 (*840, p. 470; 845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 148; *989, p. 170). Brown. Formerly owned by Claude Campbell. SE¼ sec. 1, blk. D6, north of Carlisle Public School, and north of State Highway 24. Water level, in feet below land-surface datum, 1944: Feb. 10, 73.22.

123 (*845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 148; *989, p. 170). Travis Tubbs. SW¼NW¼ sec. 9, blk. JS, 6 miles west of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 61.70.

128 (*845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 148; *989, p. 170). Rufus Rush. West line of SW¼NE¼ sec. 3, blk. E2, 0.6 mile north of State Highway 24, 2.5 miles west of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 37.92.

138 (*845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 148; *989, p. 170). Edith Collie. No measurements made in 1944.

139 (*840, p. 470; 845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 148; *989, p. 170). O. C. Ballard. NE¼NE¼ sec. 23, blk. JS, 7 miles northwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 22.23.

150a (*845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 149; *989, p. 170). M. C. Gibson. NW¼NW¼ sec. 14, blk. A, between U. S. Highway 84 and Panhandle & Santa Fe Railway, 5.5 miles northwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 4, 21.01.

151 (*840, p. 470; 845, p. 523; 886, p. 736; 909, p. 178; 939, p. 134; 947, p. 149; *989, p. 170). Broadview School. SE¼NW¼ sec. 14, blk. A, on south side of U. S. Highway 84, 3 miles northwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 21.63.

154 (*886, p. 736; 909, p. 178; 939, p. 134; 947, p. 149; *989, p. 170). John King. Formerly owned by J. S. Hamilton. NW¼SW¼ sec. 22, blk. A, 4 miles west of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 35.43.

156 (*845, p. 523; 886, p. 736; 909, p. 179; 939, p. 134; 947, p. 149; *989, p. 170). J. M. Phillips. SW¼SE¼ sec. 18, blk. A, 0.6 mile south of U. S. Highway 84, 3 miles northwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 4, 41.21.

185 (*840, p. 470; 845, p. 523; 886, p. 737; 909, p. 179). F. Clowe. NE¼SW¼ sec. 4, blk. O, 1.75 miles east of Lubbock County courthouse, on south side of U. S. Highway 82. Measuring point, top of casing, 0.5 foot above land surface. Measurements resumed. Water level, in feet below land-surface datum, 1944: Feb. 7, 61.32.

188 (*840, p. 471; 845, p. 524; 886, p. 737; 909, p. 179; 939, p. 134; 947, p. 149; *989, p. 171). State Experiment Farm. NE¼NW¼ sec. 5, blk. 9, 3 miles east of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 3, 75.18.

219 (*886, p. 373; 909, p. 179; 939, p. 134; 947, p. 149; *989, p. 171). Ed Harrison. NW. corner sec. 5, blk. RG, 9.5 miles east of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 22, 35.42.

221 (*840, p. 471; 845, p. 524; 886, p. 737; 909, p. 179; 939, p. 134; 947, p. 149; *989, p. 171). Bill Turner. NW. corner NW¼ sec. 156, blk. C, on south side of U. S. Highway 62, 2 miles east of Idalou. Water level, in feet below land-surface datum, 1944: Feb. 8, 50.33.

222 (*845, p. 524; 886, p. 737; 909, p. 179; 939, p. 134; 947, p. 149; *989, p. 171). R. T. Groves. NW¼NE¼ sec. 10, blk. RG, 1.2 miles south of U. S. Highway 62, 12 miles east of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 8, 47.50.

223 (*845, p. 524; 886, p. 737; 909, p. 179; 939, p. 134; 947, p. 149; *989, p. 171). W. C. Grimes. SE¼SE¼ sec. 11, blk. RG, 12 miles sast of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 8, 42.61.

228 (*840, p. 471; 845, p. 524; 886, p. 737; 909, p. 179; 939, p. 135; 947, p. 149; *989, p. 171). G. H. Hutchings. NE¼SE¼ sec. 91, blk. C, 6 miles east of Idalou, along U. S. Highway 62 and 0.6 mile south on dirt road. Water level, in feet below land-surface datum, 1944: Feb. 8, 65.08.

252b (*886, p. 737; 939, p. 135; 947, p. 149; *989, p. 171). Panhandle & Santa Fe Railway. Measurements discontinued.

278 (*845, p. 524; 886, p. 738; 909, p. 179; 939, p. 135; 947, p. 149; *989, p. 171). Ed Putty. Measurements discontinued.

301 (*886, p. 738; 909, p. 180; 939, p. 135; *989, p. 171). New Hope Public School. SE. corner sec. 68, blk. S, 8 miles south of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 7, 49.58.

314 (*840, p. 471; 845, p. 525; 886, p. 738; 909, p. 180; 939, p. 135; 947, p. 149; *989, p. 171). T. B. Zelner. SW. corner SE¼SW¼ sec. 17, blk. B, 4 miles southwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 44.18.

316 (*840, p. 471; 845, p. 525; 886, p. 738; 909, p. 180; 947, p. 149; *989, p. 171). E. A. Hankins. No measurements made in 1944.

332 (*840, p. 471; 845, p. 525; 886, p. 738; 909, p. 180; 947, p. 150; *989, p. 171). Owner unknown. No measurements made in 1944.

336a (*845, p. 525; 886, p. 738; 909, p. 180; 939, p. 135; 947, p. 150; *989, p. 171). Mrs. Mary Coons. SW¼SW¼ sec. 26, blk. AK, 0.8 mile south of U. S. Highway 62, 10 miles southwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 76.47.

339 (*909, p. 180; 939, p. 135; 947, p. 150; *989, p. 172). J. E. Hinson. NW¼NE¼ sec. 34, blk. AK, 8.5 miles west of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 59.53.

355 (*840, p. 471; 845, p. 525; 886, p. 738; 909, p. 180; 939, p. 135; 947, p. 150; *989. p. 172). J. A. Medlock. SW¼NE¼ sec. 26, blk. CB, 0.5 mile west of U. S. Highway 62, 14 miles south of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 82.58.

369 (*840, p. 471; 845, p. 525; 886, p. 738; 909, p. 180; 947, p. 150; *989, p. 172). A. D. Thomas. NE¼NW¼ sec. 26, blk. 20, 0.5 mile west of U. S. Highway 87, 9.5 miles south of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 7, 76.10.

376 (*886, p. 738; 909, p. 180; 947, p. 150; *989, p. 172). Union Public School. SE¼SW¼ sec. 4, blk. 20, 12.5 miles south of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 7, 90.91.

383 (*840, p. 472; 845, p. 525; 886, p. 738; 909, p. 180; 947, p. 150; *989, p. 172). H. B. Hobgood. NW¼NW¼ sec. 21, blk. CB, 0.2 mile east of U. S. Highway 62. 14 miles southwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 10, 71.70.

387 (*840, p. 472; 845, p. 525; 886, p. 738; 909, p. 180; 939, p. 135; 947, p. 150; *989, p. 172). W. J. Garrett. NW¼SE¼ sec. 15, blk. B, 0.6 mile south of junction of U. S. Highway 62 and State Highway 24. Water level, in feet below land-surface datum, 1944: Feb. 10, 36.24.

388 (*840, p. 472; 845, p. 525; 886, p. 739; 909, p. 180; 939, p. 136; *989, p. 172). G. D. Taylor. SW. corner SW¼NW¼ sec. 15, blk. B, 0.35 mile southwest of junction of U. S. Highway 62 and State Highway 24. Water level, in feet below land-surface datum, 1944: Feb. 10, 21.72.

389 (*840, p. 472; 845, p. 525; 886, p. 739; 909, p. 180; 939, p. 136; 947, p. 150; *989, p. 172). E. Scott Jones. Center NW¼NW¼ sec. 15, blk. B, on east side of U. S. Highway 62, 0.2 mile southwest of junction with State Highway 24. Water level, in feet below land-surface datum, 1944: Feb. 10, 24.12.

391 (*840, p. 472; 845, p. 526; 886, p. 739; 909, p. 180; 939, p. 136; 947, p. 150; *989, p. 172). C. R. Moore. NW¼NE¼ sec. 6, blk. D6, 6.75 miles west of junction of State Highway 24 and U. S. Highway 62. Water level, in feet below land-surface datum, 1944: Feb. 10, 76.77.

392 (*840, p. 472; 845, p. 526; 886, p. 739; 939, p. 136; 947, p. 150; *989, p. 172). Mrs. Betty Lindsey et al. NE¼SW¼ sec. 13, blk. D6, on south side of State Highway 24, 10.5 miles west of junction with U. S. Highway 62. Water level, in feet below land-surface datum, 1944: Feb. 10, 91.58.

395 (*840, p. 473; 845, p. 526; 886, p. 739; 909, p. 181; 939, p. 136; 947, p. 150; *989, p. 172). H. W. Stanton. NW. corner NE¼NE¼ sec. 16, blk. A, 2.5 miles north of Lubbock County courthouse. Water level, in feet below land-surface datum, 1944: Feb. 8, 40.36.

397 (*840, p. 473; 845, p. 526; 886, p. 739; 909, p. 181; 939, p. 136; 947, p. 150; *989, p. 172). C. L. Dean. NE. corner SE¼SW¼ sec. 13, blk. JS, 3.5 miles north and 3.5 miles west of Lubbock County courthouse. Water level, in feet below land-surface datum, 1944: Feb. 4, 12.08.

398 (*840, p. 473; 845, p. 526; 886, p. 739; 909, p. 181; 939, p. 136; 947, p. 150; *989, p. 172). E. E. Ireland. SE¼SE¼ sec. 36, blk. D5, 8.5 miles northwest of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 5, 12.63.

401 (*840, p. 473; 845, p. 526; 886, p. 739; 909, p. 181; 939, p. 136; 947, p. 150; *989, p. 173). Virginia Bacon. SE. corner SE¼NW¼ sec. 39, blk. D, 0.6 mile west of U. S. Highway 87, 8 miles north of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 9, 67.96.

402 (*840, p. 473; 845, p. 526; 886, p. 739; 909, p. 181; 939, p. 136; 947, p. 150; *989, p. 173). Fort Worth & Denver City Railway Co. SW¼SW¼ sec. 65, blk. A, on railway right-of-way at Kitalou switch, 0.2 mile north of U. S. Highway 62. Water level, in feet below land-surface datum, 1944: Feb. 7, 31.62.

403 (*840, p. 473; 845, p. 526; 886, p. 739; 909, p. 181; 939, p. 136; 947, p. 151; *989, p. 173). J. E. Smiley. SW. corner SE¼SE¼ sec. 56, blk. A, 8 miles northeast of Lubbock. Water level, in feet below land-surface datum, 1944: Feb. 7, 34.91.

Lynn County

604a (*909, p. 191; 947, p. 151; *989, p. 173). Owner unknown. SE¼NE¼ sec. 391, blk. 5, 6.7 miles north of courthouse in Tahoka. Water level, in feet below land-surface datum, 1944: Feb. 24, 44.99.

605 (*840, p. 474; 845, p. 527; 886, p. 739; 909, p. 181; 947, p. 151; *989, p. 173). L. King. NE. corner NE¼ sec. 396, blk. 5, T.T.R.R. Co. survey, 8.3 miles north of Tahoka. Water level, in feet below land-surface datum, 1944: Feb. 24, 54.28.

607 (*840, p. 474; 845, p. 527; 886, p. 739; 909, p. 181; *989. p. 173). Owner unknown. Measurements discontinued.

608 (*840, p. 474; 845, p. 527; 886, p. 739; 909, p. 181; 947, p. 151; *989, p. 173). Owner unknown. NE¼NE¼ sec. 419, blk. 1, D & S.E. R.R. Co. survey, 14.4 miles north of Tahoka. Water level, in feet below land-surface datum, 1944: Feb. 24, 97.87.

701 (*840, p. 474; 845, p. 527; 886, p. 740; 947, p. 151; *989, p. 173). E. E. Fagg. NE¼ sec. 41, blk. 8, E.L.E. R.R.R.R. Co. survey, 2.4 miles north of O'Donnell. Water level, in feet below land-surface datum. 1944: Feb. 24, 84.30.

703 (*840, p. 474; 845, p. 527; 886, p. 740; 909, p. 181; *989, p. 173). T. L. McKinney. No measurements made in 1944.

705 (*840, p. 474; 845, p. 527; 886, p. 740; *989, p. 173). W. M. Massis. No measurements made in 1944

713a (*909, p. 182; 947, p. 151; *989, p. 173). City of Tahoka. In Tahoka, 100 feet northeast of city standpipe. Water level, in feet below land-surface datum, 1944: Feb. 24, 73.94.

806 (*840, p. 475; 845, p. 527; 886, p. 740; 909, p. 182; 947, p. 151; *989, p. 173). Mr. Parker. SW. corner NW¼NW¼ sec. 53, blk. 8, 0.6 mile west and 0.2 mile north of O'Donnel water tower. Water level, in feet below land-surface datum, 1944: Feb. 24, 35.81.

Matagorda County

3 (*840, p. 479; 845, p. 529; 886, p. 741; 909, p. 183; 939, p. 137; 947, p. 151; *989, p. 174). Southern Pacific Railroad Co. About 0.6 mile west of highway intersection at Midfield, 15 miles west of Bay City. Water level, in feet below land-surface datum, 1944: Apr. 2, 7.74.

33 (*840, p. 479; 845, p. 529; 886, p. 741; 909, p. 183; 939, p. 137; 947, p. 151; *989, p. 174). Turtle Bay School. 5 miles west of Palacios. Water level, in feet below land-surface datum, 1944: Apr. 2, 8.13.

40 (*840, p. 479; 845, p. 529; 886, p. 741; 909, p. 183; 939, p. 137; 947, p. 151; *989, p. 174). City of Palacios. At waterworks. Water level, in feet below land-surface datum, 1944: Apr. 2, 15.19.

Medina County

I-2-1 (*678, p. 118; 840, p. 479; 845, p. 529; 886, p. 741; 909, p. 184; 939, p. 138; 947, p. 151; *989, p. 174). W. A. Weynand. Measurements discontinued.

I-2-7 (*678, p. 118; 840, p. 479; 845, p. 529; 886, p. 741; 909, p. 184; 939, p. 138; 947, p. 151; *989, p. 174). Alfred Schlentz. 8.2 miles north-northwest of Hondo. Water levels, in feet below land-surface datum, 1944: May 3, 192.88; Aug. 19, 194.32; Dec. 19, 193.41.

I-3-3 (*678, p. 118; 840, p. 479; 845, p. 529; 886, p. 741; 909, p. 184; 939, p. 138; 947, p. 152; *989, p. 174). Gus Britch. 4.7 miles northeast of Hondo. Water levels, in feet below land-surface datum, 1944: Apr. 29, 180.61; Aug. 19, 182.13; Dec. 19, 176.77.

I-3-4 (*678, p. 118; 840, p. 480; 845, p. 529; 909, p. 184; 939, p. 138; 947, p. 152; *989, p. 174). H. W. McClain. 7.2 miles northeast of Hondo. Water levels, in feet below land-surface datum, 1944: Apr. 29, 182.62; Aug. 19, 183.32; Dec. 19, 180.50.

I-3-5 (*678, p. 118; 840, p. 480; 845, p. 529; 886, p. 741; 909, p. 184; 939, p. 138; *989, p. 174). Andrew Eckhart. Measurements discontinued.

I-4-18 (*678, p. 120; 840, p. 480; 845, p. 530; 886, p. 741; 909, p. 185; 939, p. 138; 947, p. 152; *989, p. 174). Ross Kennedy Estate. 3.7 miles east of Sabinal. Water levels, in feet below land-surface datum, 1944: Apr. 30, 218.16; Aug. 19, 212.59.

I-4-29 (*678, p. 120; 840, p. 480; 845, p. 530; 909, p. 185; 939, p. 138; 947, p. 152; *989, p. 174). Will Kelly. 6.3 miles southwest of D'Hanis. Water levels, in feet below land-surface datum, 1944: May 3, 210.17; Aug. 19, 208.17; Dec. 19, 203.58.

I-4-30 (*678, p. 120; 840, p. 480; 845, p. 530; 909, p. 185; 939, p. 138; 947, p. 152; *989, p. 174). Virgil Johnson. 12 miles southeast of D'Hanis. Water levels, in feet below land-surface datum, 1944: May 3, 41.82; Aug. 19, 41.27; Dec. 19, 38.51.

XM-1 (*840, p. 480; 845, p. 530; 886, p. 741; 909, p. 185; 939, p. 138; 947, p. 152; *989, p. 174). Lenard Otto. 1 mile east of Castroville. Water levels, in feet below land-surface datum, 1944: Apr. 29, 60.58; Aug. 9, 71.78; Dec. 19, 54.21.

XM-2 (*845, p. 530; 886, p. 741; 909, p. 185; 939, p. 138; 947, p. 152; *989, p. 175). F. C. Stinson. 6 miles north of Castroville. Water levels, in feet below land-surface datum, 1944: Apr. 29, 144.11; Aug. 19, 146.03; Dec. 19, 141.00.

XM-3 (*840, p. 480; 845, p. 530; 886, p. 741; 909, p. 185; 939, p. 138; 947, p. 152; *989, p. 175). John Krenmueller. At Dunlay. Water levels, in feet below land-surface datum, 1944: Apr. 29, 62.82; Aug. 19, 64.39; Dec. 19, 60.98.

Montgomery County

22 (*909, p. 187; 939, p. 139; 947, p. 152; *989, p. 175). City of Conroe. In Conroe. Water levels, in feet above (+) or below (-) land-surface datum, 1944: Jan. 28, +0.64; May 29, +1.08; Sept. 18, -4.65; Dec. 13, -0.26.

29 (*840, p. 481; 845, p. 532; 886, p. 742; 909, p. 187; 947, p. 152; *989, p. 175). Brown Estate. 1.8 miles south of Conroe.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 28	19.84	July 21	18.55	Dec. 13	20.00
May 29	15.38	Sept.19	21.20		

45 (*840, p. 482; 845, p. 532; 886, p. 742; 909, p. 187; 939, p. 139; 947, p. 152; *989, p. 175). Blair & Sons. At Tamina.

Water level, in feet below land-surface datum, 1944

Jan. 28	20.87	July 21	20.98	Dec. 13	17.61
May 29	19.29	Sept.18	20.69		

46 (*840, p. 482; 845, p. 532; 886, p. 742; 909, p. 187; 939, p. 140; 947, p. 153; *989, p. 175). E. W. Castleschout. 9.5 miles south of Conroe.

Water level, in feet below land-surface datum, 1944

Jan. 28	29.53	July 21	29.73	Dec. 13	29.41
May 29	29.30	Sept.18	29.52		

57 (*909, p. 187; 939, p. 140; 947, p. 152; *989, p. 175). R. E. Hicks. 2.25 miles northwest of Conroe.

Water level, in feet below land-surface datum, 1944

Jan. 28	40.52	July 21	40.48	Dec. 13	41.24
May 29	40.07	Sept.18	40.63		

140. J. M. Liles test hole R-2. At "R" group of test holes, 1 mile north of Conroe. Unused bored test hole, diameter 1¼ inches, sandpoint at 21 feet. Measuring point, top of casing, 0.5 foot above land surface.

Water level, in feet below land-surface datum, 1940-44

June 10, 1940	10.86	June 15, 1940	9.98	July 16, 1940	9.05
11	10.42	21	10.22	Aug. 21	11.12
12	10.20	26	10.54	Oct. 4	12.13
13	9.99	July 1	10.20	Dec. 5	9.29

140. J. M. Liles test hole R-2--Continued.

Water level, in feet below land-surface datum, 1940-44

Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1941	8.64	June 20, 1941	5.62	Sept.18, 1942	1.85
18	8.48	July 8	6.85	Jan. 20, 1943	5.70
24	8.32	30	7.20	Mar. 28	7.23
31	8.54	Aug. 15	7.98	June 21	8.39
Feb. 14	8.50	Sept. 3	8.77	Aug. 26	4.84
22	8.45	19	9.26	Jan. 28, 1944	0.63
27	8.19	Nov. 4	5.48	June 3	5.92
Mar. 25	7.07	Dec. 16	7.24	July 21	8.60
May 13	6.45	Jan. 22, 1942	7.78	Sept.18	9.54
27	7.70	July 29	6.28	Dec. 13	7.61
June 10	6.70				

Nacogdoches County

18 (*947, pp. 152-3; *989, p. 175). City of Cushion. In Cushion. Water levels, in feet below land-surface datum, 1944: Mar. 30, 117.74; May 30, 116.87; Oct. 12, 117.84.

113a (*840, p. 483; 845, p. 533; 886, p. 743; 909, p. 188; 939, p. 140; 947, p. 153; *989, p. 176). A. W. McCruistian. 7.2 miles northeast of Nacogdoches. Water levels, in feet below land-surface datum, 1944: Mar. 30, 76.10; Aug. 15, 76.80; Oct. 10, 77.49.

120 (*840, p. 483; 845, p. 533; 886, p. 743; 909, p. 188; 939, p. 140; 947, p. 153; *989, p. 176). Southern Ice Co. In Nacogdoches. Water level, in feet below land-surface datum, 1944: Mar. 31, 40.64.

121 (*840, p. 483; 845, p. 533; 886, p. 743; 909, p. 188; 939, p. 140; 947, p. 153; *989, p. 176). City of Nacogdoches. In city park, 100 feet west of well 122. Water level, in feet below land-surface datum, 1944.

122 (*840, p. 483; 845, p. 533; 886, p. 743; 909, p. 188; 939, p. 140; 947, p. 153; *989, p. 176). City of Nacogdoches. In city park, 100 feet east of well 121. Water level, in feet below land-surface datum, 1944: Aug. 13, 72.36.

127 (*989, p. 176). J. Thomas Hall. 2.75 miles north of Nacogdoches. Water levels, in feet below land-surface datum, 1944: Mar. 30, 146.87; May 30, 148.64; Aug. 15, 155.63; Oct. 10, 155.83.

156 (*989, p. 176). Sam Hayter. 7 miles northwest of Nacogdoches. Water levels, in feet below land-surface datum, 1944: Mar. 30, 7.18; May 30, 7.84; Aug. 15, 10.25; Oct. 12, 11.82.

178 (*909, p. 188; 939, p. 140; 947, p. 154; *989, p. 177). Shell Pipe Line Co. 12 miles west of Nacogdoches. Water levels, in feet below land-surface datum, 1944: Mar. 30, 98.03; May 30, 98.98; Oct. 12, 103.28.

198 (*840, p. 484; 845, p. 533; 886, p. 743; 909, p. 188; 939, p. 140; 947, p. 154; *989, p. 177). Piney Woods Country Club. 4.8 miles southsast of Nacogdoches. Water levels, in feet below land-surface datum, 1944: Mar. 31, 55.34; Aug. 11, 66.45; Sept. 15, 67.96; Oct. 9, 69.10.

271 (*909, p. 188; 939, p. 140; 947, p. 154; *989, p. 177). L. G. Jacobs. 1 mile southeast of Woden. Water level, in feet above land-surface datum, 1944: Mar. 30, 30.1.

321 (*947, p. 154; *989, p. 177). Southland Paper Mills, Inc. well W-1-CX. 10 miles south of Nacogdoches. Water levels, in feet above land-surface datum, 1944: Jan. 22, 82.4; Feb. 9, 81.9.

322 (*947, pp. 154-5; *989, p. 177). Southland Paper Mills, Inc. well C-1-CX. 10 miles south of Nacogdoches.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	17.81	Feb. 15	30.53	May 30	48.06	Sept.15	57.95
Feb. 9	26.18	Mar. 30	40.25	Aug. 12	56.32	Oct. 9	60.76

323 (*947, p. 155; *989, p. 178). Southland Paper Mills, Inc., well S-1-CX. No measurements made in 1944.

324 (*947, p. 155; *989, p. 178). Southland Paper Mills, Inc., well W-1-AL. 11 miles south of Nacogdoches.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22	57.69	Feb. 15	57.97	May 30	59.66	Oct. 9	64.93
Feb. 9	57.77	Mar. 30	58.54	Aug. 12	63.05		

325 (*947, p. 155; *989, p. 178). Southland Paper Mills, Inc., well C-1-AL. 11 miles southeast of Nacogdoches.

Water level, in feet below land-surface datum, 1944

Jan. 22	82.66	Feb. 15	82.86	May 30	83.76	Oct. 9	86.12
Feb. 9	82.80	Mar. 30	83.39	Aug. 12	84.62		

326 (*947, p. 155-6; *989, p. 178). Southland Paper Mills, Inc., well S-AL-AL. 11 miles southeast of Nacogdoches. Water levels, in feet below land-surface datum, 1944: Mar. 30, 101.87; May 30, 100.96.

327 (*947, p. 156; *989, p. 178). Southland Paper Mills, Inc., well S-B1-AL. 11 miles southeast of Nacogdoches. Water levels, in feet below land-surface datum, 1944: Mar. 30, 96.47; May 30, 93.82.

329 (*947, p. 156; *989, p. 178). Southland Paper Mills, Inc., well S-A3-AL. 9.5 miles southeast of Nacogdoches. Water level, in feet below land-surface datum, 1944: Mar. 30, 91.50.

330 (*947, p. 156; *989, p. 179). Southland Paper Mills, Inc., well S-B3-AL. 9.5 miles southeast of Nacogdoches. Water level, in feet below land-surface datum, 1944: Mar. 30, 101.47.

331 (*947, pp. 156-7; *989, p. 179). Southland Paper Mills, well W-4-AL. 8 miles southeast of Nacogdoches.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 22	47.82	Mar. 30	54.50	Aug. 11	65.24
Feb. 9	49.25	May 30	58.73	Oct. 9	69.86

Parmer County

(No measurements made in 1944).

Randall County

(No measurements made in 1944).

Swisher County

2 (*840, p. 491; 845, p. 539; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 165; *989, p. 180). I. Irlbeck. NW¼SW¼ sec. 63, blk. M8, 3 miles south of Happy. Water level, in feet below land-surface datum, 1944: Feb. 10, 77.70.

3a (*845, p. 539; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 165; *989, p. 180). W. E. Williamson. No measurements made in 1944.

16 (*840, p. 491; 845, p. 540; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 180). C. M. Brant. SW¼SE¼ sec. 117, blk. M8, 8 miles south of Happy. Water level, in feet below land-surface datum, 1944: Feb. 10, 61.03.

18 (*840, p. 491; 845, p. 540; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 165; *989, p. 181). H. C. George. Measurements discontinued.

36 (*909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). Foster Klous. NW¼SE¼ sec. 2, blk. W1, 4.5 miles northwest of Tulia. Water level, in feet below land-surface datum, 1944: Feb. 10, 53.70.

38 (*840, p. 491; 845, p. 540; 886, p. 749; 909, p. 196; 947, p. 166; *989, p. 181). J. B. Johnson. SE¼SE¼ sec. 3, blk. W1, 3 miles northwest of Tulia. Water level, in feet below land-surface datum, 1944: Feb. 10, 53.99.

50 (*840, p. 492; 845, p. 540; 886, p. 749; 909, p. 196; 939, p. 156; *989, p. 181). No measurements made in 1944.

254 (*840, p. 492; 845, p. 540; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). Charles Inman. NE¼SE¼ sec. 2, blk. B6, 8 miles east of Kress. Water level, in feet below land-surface datum, 1944: Feb. 14, 41.25. Well destroyed, measurements discontinued.

255 (*840, p. 492; 845, p. 540; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). Charles Inman. NW. corner NE¼ sec. 2, blk. B6, 7.5 miles east of Kress. Water level, in feet below land-surface datum, 1944: Feb. 14, 45.04.

258 (*840, p. 492; 845, p. 540; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). B. A. Dubbert. Formerly owned by A. G. Hinn. NW¼SE¼ sec. 25, blk. M14, 8 miles east of Kress. Water level, in feet below land-surface datum, 1944: Feb. 14, 55.10.

301 (*840, p. 492; 845, p. 540; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). W. T. Adams. NE. corner NE¼ sec. 10, blk. W1, 1 mile southwest of Tulia. Water level, in feet below land-surface datum, 1944: Feb. 10, 32.08.

302 (*840, p. 492; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). J. D. Vaughn. SW¼SW¼ sec. 23, blk. W1, 1.5 miles southwest of Tulia. Water level, in feet below land-surface datum, 1944: Feb. 10, 61.07.

305 (*840, p. 493; 845, p. 541; 886, p. 749; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). J. L. Cantrell. No measurements made in 1944.

323 (*840, p. 493; 845, p. 541; 886, p. 750; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 181). J. L. Guest. NW¼NE¼ sec. 24, blk. M13, 6.5 miles south of Tulia. Water level, in feet below land-surface datum, 1944: Feb. 9, 67.80.

332 (*840, p. 493; 845, p. 541; 886, p. 750; 909, p. 197; 939, p. 157; 947, p. 166; *989, p. 182). W. F. Kerr. NW¼NW¼ sec. 28, blk. M13, 4 miles north of Kress. Water level, in feet below land-surface datum, 1944: Feb. 9, 66.24.

337 (*840, p. 493; 845, p. 541; 886, p. 750; 909, p. 196; 939, p. 156; 947, p. 166; *989, p. 182). J. R. Barnhart. No measurements made in 1944.

352 (*840, p. 483; 845, p. 541; 886, p. 750; 909, p. 197; 939, p. 157; 947, p. 166; *989, p. 182). John Elliott. Well destroyed; measurements discontinued.

354 (*840, p. 494; 845, p. 541; 886, p. 750; 909, p. 197; 939, p. 157; 947, p. 166; *989, p. 182). V. A. Beck. NW¼SW¼ sec. 52, blk. M13, west edge of Kress. Water level, in feet below land-surface datum, 1944: Feb. 9, 63.66.

359 (*886, p. 750; 909, p. 197; 939, p. 157; 947, p. 167; *989, p. 182). E. E. Fornway. NW¼NW¼ sec. 57, blk. M13, 2.75 miles west of Kress. Water level, in feet below land-surface datum, 1944: Feb. 9, 76.68.

362 (*840, p. 494; 845, p. 541; 886, p. 750; 909, p. 197; 939, p. 157; 947, p. 167; *989, p. 182). G. T. Hughes. Well destroyed. Measurements discontinued.

368 (*840, p. 494; 845, p. 540; 886, p. 750; 909, p. 197; 939, p. 157; 947, p. 167; *989, p. 182). L. B. White. Formerly owned by Texas Land & Development Co. About 0.3 mile west of SE. corner sec. 62, blk. M13, on R. F. Hudgins survey, 2.75 miles south of Kress. Water level, in feet below land-surface datum, 1944: Feb. 9, 79.76.

370 (*840, p. 494; 845, p. 541; 886, p. 750; 909, p. 197; 939, p. 157; 947, p. 167; *989, p. 182). Texas Land & Development Co. About 0.33 mile east of SE. corner sec. 62, blk. M13, on R. F. Hudgins survey, 2.7 miles south of Kress. Water level, in feet below land-surface datum, 1944: Feb. 9, 77.55.

380 (*840, p. 494; 845, p. 542; 886, p. 750; 909, p. 197; 939, p. 157; *989, p. 182). Joe Bontke. No measurements made in 1944.

383 (*840, p. 495; 845, p. 542; 886, p. 750; 909, p. 197; 939, p. 157; 947, p. 167; *989, p. 182). Texas Land & Development Co. About 0.33 mile east of SE. corner sec. 62, blk. M13, on R. F. Hudgins survey, 2.7 miles south of Kress. Water level, in feet below land-surface datum, 1944: Feb. 10, 74.90.

421 (*947, p. 167; *989, p. 182). A. U. Perryman. NW¼NW¼ sec. 9, blk. K3, 19.5 miles southwest of Tulia. Water level, in feet below land-surface datum, 1944: Feb. 3, 60.93.

429 (*886, p. 751; 909, p. 197; 939, p. 157; 947, p. 167; *989, p. 182). Clifton Reed. NW. corner strip sec. 66, J. A. Ward Survey, 5.5 miles west of Kress. Water level, in feet below land-surface datum, 1944: Feb. 9, 97.11.

Terry County

2 (*840, p. 495; 845, p. 542; 886, p. 751; 909, p. 197; *989, p. 183). J. P. Cox. SW. corner SW¼ sec. 46, blk. DD, John H. Gibson survey, 4.35 miles southwest of Wellman. Water level, in feet below land-surface datum, 1944: Feb. 25, 101.37.

7a (*909, p. 198; 939, p. 157; 947, p. 167; *989, p. 183). L. Hulse. NW¼SW¼ sec. 143, blk. T, D. & W. R.R. Co., 0.7 mile east of Lahey post office and 0.8 mile south. Water level, in feet below land-surface datum, 1944: Feb. 25, 89.60.

14 (*840, p. 496; 845, p. 542; 886, p. 751; 909, p. 198; *989, p. 183). J. S. Smith. No measurements made in 1944.

16 (*840, p. 496; 845, p. 542; 886, p. 751; 909, p. 198; 939, p. 157; 947, p. 167; *989, p. 183). Baptist Church. Formerly owned by Challis Public School. SE¼SE¼ sec. 64, blk. 4x, 5.35 miles southwest of railroad depot at Meadow. Water level, in feet below land-surface datum, 1944: Feb. 25, 89.97.

17a (*845, p. 542; 886, p. 751; 909, p. 198; *989, p. 183). Owner unknown. SE¼SW¼SW¼ sec. 25, blk. 4X, 2 miles southwest of Meadow. Water level, in feet below land-surface datum, 1944: Feb. 25, 76.78.

21a (*909, p. 198; 939, p. 158; 947, p. 167; *989, p. 183). Mr. Crump. NW¼NW¼NW¼ sec. 18, blk. 4X, about 0.4 mile west of U. S. Highway 62; 1 mile north of Meadow. Water level, in feet below land-surface datum, 1944: Feb. 25, 61.27.

Travis County

256 (*947, p. 168; *989, p. 183). Mr. Robinson. 11.75 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 11, 79.84; Dec. 20, 54.63.

261 (*939, p. 158; 947, p. 168; *989, p. 183). H. C. Warren. 13 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 11, 217.99; Dec. 20, 221.41.

266 (*939, p. 158; 947, p. 168; *989, p. 183). J. D. Dillingham. 11.75 miles north of State Capitol, in Austin, and 1.9 miles east of McNeil. Water levels, in feet below land-surface datum, 1944: Apr. 11, 217.19; Dec. 20, 231.60.

267 (*947, p. 168; *989, p. 183). Dave Dillingham. Measurements discontinued.

280 (*947, p. 168; *989, p. 183). Travis County. 9.5 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 11, 7.72; Dec. 20, 8.44.

283 (*939, p. 158; 947, p. 168; *989, p. 183). E. H. Gault. 9 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 11, 154.76: Dec. 20, 181.97.

294 (*939, p. 158; 947, p. 168; *989, p. 183). Robinson Bros. 8.5 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: May 1, 179.07; Dec. 20, 175.56.

314 (*947, p. 168; *989, p. 184). Mr. Stark. Measurements discontinued.

318 (*947, p. 168; *989, p. 184). R. R. Sansom. 7.5 miles northeast of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 10, 139.80; Dec. 20, 147.09.

322 (*939, p. 158; 947, p. 168; *989, p. 184). John Teagle. 5.5 miles northeast of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 10, 162.05; Dec. 20, 170.83.

323 (*939, p. 158; 947, p. 168; *989, p. 184). Fred Parsons. 5.75 miles northeast of State Capitol, in Austin. Water level, in feet below land-surface datum, 1944: Apr. 10, 93.81.

327 (*939, p. 158; 947, p. 168; *989, p. 184). Walling Estate. 4.5 miles northeast of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 10, 166.64; Dec. 20, 174.07.

328 (*939, p. 158; 947, p. 169; *989, p. 184). Walling Estate. About 100 feet south of well 327. Water levels, in feet below land-surface datum, 1944: Apr. 10, 16.05; Dec. 20, 13.04.

331 (*947, p. 169; *989, p. 184). J. C. Campbell, Jr. 3.75 miles northeast of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 10, 104.88; Dec. 20, 2.73.

343 (*947, p. 169; *989, p. 184). Travis County Water District No. 2. 4.75 miles northeast of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: Apr. 10, 151.46; Dec. 20, 165.79.

392 (*947, p. 169; *989, p. 184). Tom Williams. 7.5 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: May 1, 11.91; Dec. 20, 13.36.

400 (*947, p. 169; *989, p. 184). Mrs. S. D. Williams. 8.5 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: May 1, 34.93; Dec. 20, 35.31.

414 (*947, p. 169; *989, p. 184). J. R. McElroy. 10.75 miles north of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: May 1, 38.53; Dec. 20, 39.06.

460 (*947, p. 169; *989, p. 184). Rosa Dellanna. 2 miles southwest of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: May 1, 81.00; Aug. 25, 79.33; Dec. 19, 80.97.

483 (*947, p. 169; *989, p. 184). S. N. Allred. 5 miles southwest of State Capitol, in Austin.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	245.28	Apr. 1	225.21	Aug. 27	232.09	Oct. 30	237.36
Feb. 3	246.69	30	222.56	Oct. 1	234.87	Dec. 1	238.42
27	234.27	July 30	227.34				

502 (*840, p. 496; 845, p. 543; 886, p. 751; 909, p. 198; 939, p. 158; 947, p. 169; *989, p. 184). H. S. Lawson heirs. 6.5 miles south of State Capitol, in Austin.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	13.92	Apr. 1	5.20	July 2	6.74	Oct. 1	11.65
Feb. 2	8.17	30	5.44	30	8.81	30	13.43
27	5.65	May 29	4.84	Aug. 27	10.78	Dec. 1	10.42

504 (*840, p. 496; 845, p. 543; 886, p. 751; 909, p. 198; 939, p. 159; 947, p. 169; *989, p. 185). R. B. Gault. 10.4 miles south of Austin.

504. R. B. Gault--Continued.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	21.15	Apr. 1	21.10	July 2	21.12	Oct. 1	21.14
Feb. 2	20.17	30	21.18	30	21.14	30	21.10
27	21.13	May 29	21.12	Aug. 27	21.11	Dec. 1	21.15

508 (*840, p. 497; 845, p. 543; 886, p. 751; 909, p. 199; 939, p. 159; 947, p. 170; *989, p. 185). Barge Renoe. 8.3 miles southwest of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: May 1, 230.52; Aug. 25, 232.02; Dec. 19, 226.34.

509 (*840, p. 497; 845, p. 543; 886, p. 751; 909, p. 199; 939, p. 159; 947, p. 170; *989, p. 185). Erlene Patton. 9.4 miles west of State Capitol, in Austin.

Water level, in feet below land-surface datum, 1944

Jan. 5	34.88	Apr. 1	35.01	July 2	37.44	Oct. 1	37.55
Feb. 3	34.88	30	37.59	30	37.64	30	37.64
27	34.79	May 29	36.85	Aug. 27	37.75	Dec. 1	37.51

527 (*840, p. 497; 945, p. 544; 886, p. 752; 909, p. 199; 939, p. 159; 947, p. 170; *989, p. 185). Sarah Moore. About 100 yards south of Cedar Valley post office.

Water level, in feet below land-surface datum, 1944

Jan. 5	3.70	Apr. 1	3.64	July 2	4.75	Oct. 1	5.02
Feb. 3	2.72	30	4.88	30	5.25	30	5.39
27	1.88	May 29	3.04	Aug. 27	5.95	Dec. 1	5.00

616 (*840, p. 497; 845, p. 544; 886, p. 752; 909, p. 199; 939, p. 159; 947, p. 170; *989, p. 185). J. R. Moore. 14.6 miles west of State Capitol, in Austin. Water levels, in feet below land-surface datum, 1944: May 1, 135.84; Aug. 25, 139.67; Dec. 19, 134.61.

618 (*840, p. 497; 845, p. 544; 886, p. 752; 909, p. 199; 939, p. 159; 947, p. 170; *989, p. 185). Homer Heep. About 50 feet east of U. S. Highway 81, 1 mile north of Travis-Hays county line.

Water level, in feet below land-surface datum, 1944

Jan. 5	19.85	Apr. 1	8.40	July 2	10.46	Oct. 1	21.95
Feb. 3	14.83	30	12.55	30	14.60	30	23.66
27	11.44	May 29	8.54	Aug. 27	18.95	Dec. 1	17.90

668 (*947, p. 170; *989, p. 186). Mr. McAlmeyer. 6.5 miles southwest of State Capitol, in Austin. Measurements discontinued after July 2.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level
Jan. 5	250.40	Apr. 1	249.77	May 28	254.95
Feb. 3	252.02	30	249.24	July 2	250.74

687 (*947, p. 170; *989, p. 186). Mrs. Elizabeth Gentsch. 5 miles southwest of State Capitol. Water levels, in feet below land-surface datum, 1944: Apr. 28, 179.49; Aug. 23, 200.37; Dec. 21, 199.79.

858 (*947, p. 170; *989, p. 186). B. R. Payton. 6.5 miles northwest of Manor. Water levels, in feet below land-surface datum, 1944: Apr. 10, 64.98; Dec. 20, 64.52.

860 (*947, p. 170; *989, p. 186). Mrs. B. Hamann. 6.5 miles northwest of Manor. Water levels, in feet below land-surface datum, 1944: Apr. 10, 131.78; Dec. 20, 148.88.

884 (*947, p. 170; *989, p. 186). H. A. Townsley. 7.5 miles northwest of Creedmoor. Water levels, in feet below land-surface datum, 1944: Aug. 25, 181.80; Dec. 21, 201.97.

885 (*947, p. 171; *989, p. 186). F. B. Polk. 7.25 miles northwest of Creedmoor. Water levels, in feet below land-surface datum, 1944: Apr. 28, 121.03; Aug. 23, 141.02; Dec. 21, 143.20.

890 (*947, p. 171; *989, p. 186). Russell O. Faulkner. 5.75 miles northwest of Creedmoor. Water levels, in feet below land-surface datum, 1944: Apr. 28, 11.29; Aug. 23, 11.77; Dec. 21, 11.72.

892 (*947, p. 171; *989, p. 186). Russell C. Faulkner. 5.75 miles northwest of Creedmoor. Water levels, in feet below land-surface datum, 1944: Apr. 28, 62.74; Aug. 23, 69.20.

895 (*947, p. 171; *989, p. 186). Joe C. Carrington. 5 miles northwest of Creedmoor.

Water level, in feet below land-surface datum, 1944

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	65.10	Apr. 1	42.29	July 2	28.52	Oct. 1	39.17
Feb. 3	65.14	30	37.11	30	30.05	30	44.89
27	55.17	May 29	31.61	Aug. 27	29.81	Dec. 1	51.38

Uvalde County

H-2-4 (*678, p. 102, 128; 840, p. 498; 845, p. 545; 886, p. 753; 909, p. 199; 939, p. 159; 947, p. 171; *989, p. 187). H. I. Holmes. 13.7 miles north of Uvalde. Water levels, in feet below land-surface datum, 1944: Apr. 30, 150.07; Aug. 16, 145.03; Dec. 20, 143.17.

H-2-5 (*678, p. 102, 128; 840, p. 498; 845, p. 545; 886, p. 753; 909, p. 200; 939, p. 159; 947, p. 171; *989, p. 187). Mrs. W. E. Fitzgerald. 18 miles north of Uvalde. Water levels, in feet below land-surface datum, 1944: Apr. 30, 51.31; Aug. 16, 84.26; Dec. 20, 53.18.

H-4-6 (*678, p. 104, 128; 840, p. 498; 845, p. 545; 886, p. 753; 909, p. 200; 939, p. 159; 947, p. 171; *989, p. 187). Briscoe, Fenley & Spangler. 4.5 miles west-northwest of Uvalde. Water level, in feet below land-surface datum, 1944: May 1, 70.69.

H-4-28 (*778, p. 104, 129; 840, p. 499; 845, p. 545; 886, p. 753; 909, p. 200; 939, p. 160; 947, p. 172; *989, p. 187). J. R. Ingrum. 7.5 miles west of Uvalde. Water levels, in feet below land-surface datum, 1944: May 1, 22.69; Aug. 17, 23.01; Dec. 21, 21.88.

H-4-34 (*909, p. 200; 939, p. 160; 947, p. 172; *989, p. 187). John Rosenow. 13.5 miles northwest of Uvalde. Water levels, in feet below land-surface datum, 1944: May 1, 170.81; Aug. 17, 170.19; Dec. 21, 166.32.

H-4-35 (*909, p. 200; 939, p. 160; 947, p. 172; *989, p. 187). John Rosenow. 16 miles northwest of Uvalde. Water levels, in feet below land-surface datum, 1944: May 1, 74.54; Aug. 17, 74.26.

H-5-1 (*678, p. 106, 129; 840, p. 499; 845, p. 549; 886, p. 753; 909, p. 201; 939, p. 160; 947, p. 172, 173; *989, p. 187). City of Uvalde. 2 blocks south of Uvalde County courthouse.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	38.99	37.60	38.03	37.82	37.50	37.32	36.79	37.40	37.06	35.95	35.56	35.63
2	36.90	37.62	38.03	37.80	37.51	37.31	36.78	37.44	37.02	35.93	35.57	35.64
3	36.94	37.64	38.02	37.80	37.52	37.30	36.77	37.46	36.98	35.91	35.57	35.63
4	36.96	37.67	38.02	37.79	37.51	37.31	36.81	37.48	36.96	35.87	35.57	35.62
5	37.00	37.68	38.02	37.77	37.48	37.32	36.82	37.50	36.91	35.85	35.56	35.62
6	37.00	37.70	38.02	37.77	37.47	37.20	36.83	37.52	36.87	35.84	35.55	35.63
7	37.02	37.72	38.04	37.76	37.45	36.91	36.85	37.53	36.84	35.82	35.56	35.63
8	37.06	37.73	38.05	37.73	37.47	36.87	36.86	37.57	36.80	35.79	35.55	35.65
9	37.10	37.75	38.04	37.70	37.48	36.86	36.89	37.61	36.75	35.77	35.58	35.65

H-5-1. City of Uvalde--Continued.

Daily noon water level, in feet below land-surface datum, 1944
(From recorder charts)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
10	37.12	37.77	38.02	37.72	37.49	36.85	36.90	37.64	36.70	35.75	35.58	35.67
11	37.14	37.80	38.00	37.69	37.50	36.83	36.93	37.64	36.66	35.74	35.57	35.68
12	37.17	37.83	37.99	37.69	37.50	36.82	36.96	37.67	36.63	35.72	35.58	35.69
13	37.20	37.83	37.99	37.68	37.49	36.80	37.02	37.70	36.59	35.70	35.57	35.70
14	37.22	37.85	37.98	37.67	37.49	36.78	37.02	37.70	36.56	35.68	35.56	35.71
15	37.23	37.86	37.98	37.67	37.48	36.78	37.03	37.75	36.52	35.67	35.58	35.72
16	37.25	37.88	37.97	37.68	37.50	36.77	37.03	37.81	36.50	35.66	35.57	35.73
17	37.28	37.90	37.97	37.65	37.50	36.79	37.05	37.85	36.43	35.65	35.59	35.73
18	37.30	37.93	37.96	37.64	37.53	36.77	37.08	37.88	36.40	35.64	35.58	35.75
19	37.32	37.94	37.96	37.65	37.49	36.77	37.12	37.90	36.38	35.63	35.58	35.78
20	37.34	37.96	37.95	37.64	37.46	36.73	37.14	37.91	36.35	35.62	35.58	35.78
21	37.36	37.97	37.95	37.60	37.44	36.75	37.17	37.94	36.32	35.62	35.59	35.80
22	37.38	37.99	37.94	37.57	37.42	36.74	37.19	37.96	36.29	35.62	35.59	35.82
23	37.40	38.00	37.93	37.57	37.42	36.75	37.21	37.88	36.24	35.62	35.99	35.82
24	37.42	38.02	37.90	37.57	37.41	36.75	37.22	37.88	36.18	35.60	35.56	35.82
25	37.44	38.00	37.88	37.56	37.40	36.75	37.25	37.89	36.15	35.60	35.56	35.82
26	37.46	38.00	37.86	37.57	37.39	36.74	37.27	37.92	36.11	35.60	35.56	35.84
27	37.50	38.00	37.85	37.57	37.38	36.77	37.30	37.93	36.06	35.60	35.59	35.85
28	37.52	38.01	37.84	37.56	37.37	36.79	37.33	37.84	36.03	35.60	35.59	35.86
29	37.54	38.03	37.85	37.54	37.36	36.80	37.35	37.65	36.01	35.58	35.62	35.87
30	37.56	.....	37.84	37.52	37.35	36.81	37.36	37.47	35.98	35.56	35.62	35.87
31	37.58	.....	37.84	.....	37.33	.....	37.38	37.17	.....	35.56	.....	35.88

H-5-22 (*678, p. 108; 128; 840, p. 499; 845, p. 546; 886, p. 753; 909, p. 201; 939, p. 160; 947, p. 173; *989, p. 188). Jack Dean. 2 miles north of Uvalde. Water levels, in feet below land-surface datum, 1944: Apr. 30, 65.45; Aug. 16, 61.72; Dec. 20, 63.65.

H-5-26 (*678, p. 108, 130; 840, p. 499; 845, p. 546; 909, p. 201; 939, p. 160; 947, p. 173; *989, p. 188). George Kennedy. 7.2 miles north-northeast of Uvalde. Water levels, in feet below land-surface datum, 1944: Apr. 30, 166.37; Aug. 16, 165.75.

H-5-39 (*678, p. 108; 130; 840, p. 499; 845, p. 546; 886, p. 753; 909, p. 201; 939, p. 160; 947, p. 173; *989, p. 188). William Galloway. 2.5 miles east-northeast of Uvalde. Water levels, in feet below land-surface datum, 1944: Apr. 30, 84.59; Aug. 16, 84.22; Dec. 21, 82.38.

H-5-51 (*678, p. 110, 130; 840, p. 499; 845, p. 546; 886, p. 753; 909, p. 201; 939, p. 160; 947, p. 173; *989, p. 188). O. T. Caldwell. 2.5 miles south-southwest of Uvalde. Water levels, in feet below land-surface datum, 1944: May 1, 41.88; Aug. 16, 41.34; Dec. 21, 40.06.

H-6-1 (*678, p. 112, 131; 840, p. 500; 845, p. 546; 886, p. 753; 909, p. 201; 939, p. 160; 947, p. 173; *989, p. 188). Ashby & Chinn. 9.2 miles east-northeast of Uvalde. Water levels, in feet below land-surface datum, 1944: May 3, 95.76; Aug. 18, 95.76; Dec. 21, 89.27.

H-6-8 (*678, p. 112, 131; 840, p. 500; 845, p. 546; 886, p. 753; 909, p. 201; 939, p. 160; 947, p. 173; *989, p. 188). K. K. Woodley. 1.5 miles east of Knippa. Water levels, in feet below land-surface datum, 1944: Apr. 30, 70.73; Aug. 9, 70.91; Dec. 21, 70.48.

H-6-10 (*678, p. 112, 131; 840, p. 500; 845, p. 546; 886, p. 754; 909, p. 202; 939, p. 160; 947, p. 173; *989, p. 188). Herbert Stephens. 3 miles west of Sabinal. Water levels, in feet below land-surface datum, 1944: Apr. 30, 65.56; Aug. 9, 65.53; Dec. 20, 65.69.

H-6-16 (*678, p. 114, 131; 840, p. 500; 845, p. 546; 909, p. 202; 939, p. 160; 947, p. 173; *989, p. 188). Cecil Reagan. Formerly owned by Illinois Pipe Line Co. 3 miles southeast of Knippa. Water levels, in feet below land-surface datum, 1944: Apr. 30, 175.08; Aug. 16, 174.63; Dec. 21, 172.79.

XU-9 (*840, p. 501; 845, p. 546; 886, p. 754; 909, p. 202; 939, p. 160; 947, p. 174; *989, p. 188). Frank Kirchgraber. 16.5 miles west of Uvalde. Water levels, in feet below land-surface datum, 1944: May 1, 58.95; Aug. 17, 59.72; Dec. 21, 60.26.

XU-10 (*840, p. 501; 845, p. 546; 886, p. 754; 909, p. 202; 939, p. 160; 947, p. 174; *989, p. 188). Texas & New Orleans Railroad Co. At Cline. Water levels, in feet below land-surface datum, 1944: May 1, 42.73; Aug. 17, 43.25; Dec. 21, 44.69.

Val Verde County

XV-2 (*840, p. 501; 845, p. 547; 886, p. 754; 909, p. 202; 939, p. 161; 947, p. 174; *989, p. 189). Otto Koog. 2.8 miles east of Del Rio. Water levels, in feet below land-surface datum, 1944: May 2, 76.61; Aug. 18, 81.49; Dec. 23, 74.76.

XV-3 (*840, p. 501; 845, p. 547; 886, p. 754; 909, p. 203; 939, p. 161; 947, p. 174; *989, p. 189). Patricio Confreras. 1.5 miles east of Del Rio. Water levels, in feet below land-surface datum, 1944: May 3, 39.61; Aug. 18, 40.38; Dec. 23, 41.60.

Waller County

117 (*840, p. 502; 845, p. 547; 886, p. 755; 889-C, p. 258; 909, p. 203; 939, p. 161; 947, p. 174; *989, p. 189). Mrs. H. L. Milam. Near railroad station at Prairie View. Water levels, in feet below land-surface datum, 1944: Jan. 31, 1.95; May 31, 2.43; Sept. 14, dry; Dec. 14, 5.70.

128 (*889-C, p. 258; 909, p. 203; 939, p. 161; 947, p. 174; *989, p. 189). H. and T. C. Railroad, at Prairie View railroad station. Water levels, in feet below land-surface datum, 1944: Jan. 31, 40.25; May 31, 39.40; Sept. 14, 39.25; Dec. 14, 40.03.

152 (*840, p. 502; 845, p. 548; 886, p. 755; 889-C, p. 258; 909, p. 203; 939, p. 161; 947, p. 174; *989, p. 189). Mr. Meyers. 1.5 miles east of Prairie View railroad station. Water levels, in feet below land-surface datum, 1944: Jan. 31, 1.45; May 31, 2.95; Sept. 14, 8.25; Dec. 14, dry.

154 (*840, p. 502; 845, p. 548; 886, p. 755; 889-C, p. 258; 909, p. 203; 939, p. 161; 947, p. 174; *989, p. 189). W. D. Weaver. About 0.6 mile west of Waller. Water levels, in feet below land-surface datum, 1944: Jan. 31, 9.83; May 31, 9.40; Sept. 14, 18.80.

223 (*889-C, p. 258; 909, p. 204; 939, p. 161; 947, p. 174; *989, p. 189). T. B. Tucker. 6.75 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 59.40; Oct. 6, 67.15.

225 (*889-C, p. 259; *989, p. 189). Owner's well 2. L. E. Morrison. 6 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 61.85; Oct. 6, 98.35.

235 (*889-C, p. 259; 909, p. 204; 939, p. 162; 947, p. 174; *989, p. 189). John Cope. 2 miles west of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 60.38; Oct. 4, 63.70.

239 (*889-C, p. 259; *989, p. 189). Lyn Hebert. 12 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 55.10; Oct. 6, 84.55.

240 (*889-C, p. 259; *989, p. 190). Owner's well 3. B. Ray Woods. 6 miles west of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 59.29; Oct. 6, 61.45.

242 (*889-C, p. 260; *989, p. 190). Robichaux & Thompson. 8 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 60.72; Oct. 6, 77.54.

245 (*889-C, p. 260; *989, p. 190). Owner's well 2. O. P. Nelson. 10 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 58.30; Oct. 6, 95.55.

246 (*889-C, p. 260; *989, p. 190). Owner's well 2. A. E. Thompson. 8.5 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 53.70; Oct. 6, 66.45.

247 (*889-C, p. 260; 909, p. 204; 939, p. 163; 947, p. 174; *989, p. 190). Owner's well 5. T. B. Tucker. 6.5 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 60.44; Oct. 6, 71.90.

252 (*889-C, p. 261; *989, p. 190). J. A. Kimball. 2.25 miles northwest of Katy. Water levels, in feet below land-surface datum, 1944: Mar. 29, 61.39; Oct. 6, 66.15.

Wharton County

1 (*947, p. 178; *989, p. 190). Otto Mickelson. Formerly owned by Bob Ragsdale. 11 miles west of Hahn. Water level, in feet below land-surface datum, 1944: Mar. 31, 37.65.

8 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 204; 939, p. 174; 947, p. 178; *989, p. 190). J. W. Wyer. About 0.7 mile west of Round Mott School, 6 miles southwest of Hahn. Water level, in feet below land-surface datum, 1944: Mar. 28, 37.72.

31 (*840, p. 503; 845, p. 548; 896, p. 755; 909, p. 204; 939, p. 175; 947, p. 178; *989, p. 191). Tom Thomas. 6.5 miles north of Louise. Water level, in feet below land-surface datum, 1944: Mar. 28, 25.66.

32 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 204; 939, p. 175; 947, p. 178; *989, p. 191). Harfst Bros. About 0.7 mile south of Cobbler Creek School, 4 miles south of Hahn. Water level, in feet below land-surface datum, 1944: Mar. 27, 30.44.

33 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 204; 939, p. 175; 947, p. 178; *989, p. 191). Harfst Bros. No measurements made in 1944.

57 (*939, p. 175; 947, p. 178; *989, p. 191). W. A. Harrison. 3.25 miles north of Glen Flora. Water level, in feet below land-surface datum, 1944: Mar. 27, 13.24.

65 (*939, p. 175; 947, p. 178; *989, p. 191). J. J. Pendegrass. 2.5 miles west of Bonus. Water level, in feet below land-surface datum, 1944: Mar. 27, 22.29.

70a (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 204; 939, p. 175; 947, p. 178; *989, p. 191). J. J. Vacek. 3.2 miles west of East Bernard. Water level, in feet below land-surface datum, 1944: Mar. 27, 7.66.

70b (*840, p. 503; 845, p. 548; 886, p. 775; 909, p. 204; 939, p. 175; 947, p. 178; *989, p. 191). J. J. Vacek. About 275 feet south of well 70a. Water level, in feet below land-surface datum, 1944: Mar. 27, 8.99.

81 (*939, p. 175; 947, p. 178; *989, p. 191). William J. Corman. In Lissie. Water level, in feet below land-surface datum, 1944: Mar. 27, 23.61.

84 (*947, p. 178; *989, p. 191). Fred Fojek. 5 miles west of East Bernard. Water level, in feet below land-surface datum, 1944: Mar. 27, 18.63.

96 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 204; 939, p. 175; 947, p. 178; *989, p. 191). Frank Bucek. 8 miles north of Wharton. Water level, in feet below land-surface datum, 1944: Mar. 27, 21.16.

108 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 205; 939, p. 175; 947, p. 179; *989, p. 191). City of Wharton. In Wharton. Water level, in feet below land-surface datum, 1944: Mar. 27, 20.58.

109 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 205; 939, p. 175; 947, p. 179; *989, p. 191). City of Wharton. In Wharton. Water level, in feet below land-surface datum, 1944: Apr. 2, 26.44.

148 (*947, p. 179; *989, p. 191). Central Power & Light Co. In El Campo, southwest of ice plant. Water level, in feet below land-surface datum, 1944: Apr. 2, 35.24.

165 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 205; 939, p. 175; 947, p. 179; *989, p. 191). H. P. Stockton. 1.4 miles northwest of Louise. Water level, in feet below land-surface datum, 1944: Mar. 28, 22.78.

173 (*840, p. 503; 845, p. 548; 886, p. 755; 909, p. 205; 939, p. 175; 947, p. 179; *989, p. 191). Stoval and Appling. 8.25 miles south of Louise. Water level, in feet below land-surface datum, 1944: Mar. 30, 12.55.

178 (*845, p. 549; 886, p. 756; 909, p. 205; 939, p. 175; 947, p. 179; *989, p. 192). Adrian Johnson. 8 miles southwest of El Campo. Water level, in feet below land-surface datum, 1944: Mar. 30, 14.08.

181 (*845, p. 549; 886, p. 756; 909, p. 205; 939, p. 176; 947, p. 179; *989, p. 192). T. E. Appling. 7 miles southeast of El Campo. Water level, in feet below land-surface datum, 1944: Mar. 29, 23.60.

186 (*840, p. 204; 845, p. 549; 886, p. 756; 909, p. 205; 939, p. 176; 947, p. 179; *989, p. 192). Otto Mickelson. 2.5 miles north of Danevang. Water level, in feet below land-surface datum, 1944: Mar. 29, 14.65.

200 (*939, p. 176; 947, p. 179; *989, p. 192). J. L. Myatt. 4.5 miles west of Danevang. Water level, in feet below land-surface datum, 1944: Mar. 30, 20.07.

209 (*845, p. 549; 886, p. 756; 909, p. 205; 939, p. 176; 947, p. 179; *989, p. 192). J. C. Allen. 7 miles southeast of El Campo. Water level, in feet below land-surface datum, 1944: Mar. 29, 11.30.

239 (*840, p. 504; 845, p. 549; 886, p. 756; 909, p. 205; 939, p. 176; 947, p. 179; *989, p. 192). Gulf, Colorado & Santa Fe Railway Co. 2.5 miles southeast of Boling. Water level, in feet below land-surface datum, 1944: Mar. 28, 16.65.

241 (*845, p. 549; 886, p. 756; 909, p. 205; 939, p. 176; 947, p. 179; *989, p. 192). Texas Gulf Sulphur Co. At New Gulf, 400 feet northeast of timekeeper's office. Water level, in feet below land-surface datum, 1944: Mar. 27, 27.52.

243 (*939, p. 176; 947, p. 179; *989, p. 192). Texas Gulf Sulphur Co. No measurements made in 1944.

Williamson County

342 (*939, p. 176; 947, p. 179; *989, p. 192). J. F. McCann Estate. No measurements made in 1944.

344 (*939, p. 176; 947, p. 179; *989, p. 192). Victor Robertson. 4.75 miles southwest of Georgetown. Water levels, in feet below land-surface datum, 1944: Apr. 11, 109.73; Dec. 20, 112.11.

346 (*939, p. 176; 947, p. 179; *989, p. 192). Jack Gillam. 4.25 miles southwest of Georgetown. Water level, in feet below land-surface datum, 1944: Apr. 11, 126.34.

348 (*939, p. 176; *989, p. 192). Claude DeDear. No measurements made in 1944.

350 (*989, p. 192). H. M. Weir. 3 miles southwest of Georgetown. Water levels, in feet below land-surface datum, 1944: Apr. 11, 135.23; Dec. 20, 141.21.

351 (*939, p. 176; 947, p. 180; *989, p. 193). Fred Montgomery. 2.5 miles southwest of Georgetown. Water level, in feet below land-surface datum, 1944: Dec. 20, 113.49.

353 (*939, p. 176; 947, p. 180; *989, p. 193). Walter Thwing. 2.25 miles south of Georgetown. Water level, in feet below land-surface datum, 1944: Apr. 11, 116.48.

418 (*939, p. 176; 947, p. 180; *989, p. 193). Eubanks Estate. No measurements made in 1944.

420 (*939, p. 176; 947, p. 180; *989, p. 193). Mrs. Juanita Fleeger. About 0.75 mile southwest of Georgetown. Water levels, in feet below land-surface datum, 1944: Apr. 11, 84.51; Dec. 20, 87.64.

889 (*947, p. 180; *989, p. 193). Bankers Life Insurance Co. 2.5 miles northwest of Round Rock. Water level, in feet below land-surface datum, 1944: Apr. 11, 87.78.

922 (*939, p. 176; 947, p. 180; *989, p. 193). R. R. Stolley. Formerly owned by Mrs. Asher. 1.25 miles south of Round Rock. Water level, in feet below land-surface datum, 1944: Apr. 11, 113.66.

929 (*939, p. 176; 947, p. 180). Mrs. J. L. Frisk. 2.5 miles south of Round Rock. Water level, in feet below land-surface datum, 1944: Apr. 11, 156.69.

Zavala County

H7-13 (*777, p. 217; 840, p. 504; 845, p. 549; 909, p. 205; 939, p. 177; *989, p. 193). Roy Cornett. No measurements made in 1944.

H7-20 (*777, p. 217; 840, p. 504; 845, p. 549; 886, p. 756; 909, p. 205; 939, p. 177; 947, p. 180; *989, p. 193). W. A. Butler. 5.5 miles north of La Pryor. Water level, in feet below land-surface datum, 1944: July 6, 76.17.

M3-26 (*777, p. 218; 840, p. 504; 845, p. 549). Measurements discontinued.

M3-29 (*777, p. 218; 840, p. 504; 845, p. 549; *989, p. 193). Hal Mangum. Measurements discontinued.

M6-9 (*777, p. 218; 840, p. 504; 845, p. 549; 886, p. 756; 909, p. 205; 939, p. 177; 947, p. 180; *989, p. 193). Plumly Ranch. Formerly owned by King Ware. 8.5 miles northwest of Cometa. Water levels, in feet below land-surface datum, 1944: July 10, 55.30; Aug. 14, 55.64.

M6-10 (*777, p. 218; 840, p. 504; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 177; 947, p. 180; *989, p. 193). W. M. Van Cleve. 7.5 miles northwest of Cometa. Measuring point, top of pipe clamp, 1.5 feet above land surface (published erroneously in Water-Supply Paper 989 as top of pipe clamp, 2 feet above land surface). Water level, in feet below land-surface datum, 1944: July 10, 79.44.

M6-16 (*777, p. 218; 840, p. 504; 845, p. 550; 886, p. 756; 909, p. 206; 947, p. 180; *989, p. 193). J. S. Steward. 6 miles northwest of Cometa. Water level, in feet below land-surface datum, 1944: July 10, 47.11.

M6-18 (*777, p. 218; 840, p. 504; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 177; 947, p. 180; *989, p. 193). N. E. Ware. 4 miles northwest of Cometa. Water levels, in feet below land-surface datum, 1944: July 10, 44.78; Aug. 14, 44.80.

M6-19 (*777, p. 219; 840, p. 504; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 177; 947, p. 180; *989, p. 193). L. D. Van Cleve. 3 miles northwest of Cometa. Water levels, in feet below land-surface datum, 1944: July 10, 61.60; Aug. 14, 61.92.

M9-1 (*777, p. 219; 840, p. 504; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 177; 947, p. 180; *989, p. 194). T. B. Mear. In Cometa. Water levels, in feet below land-surface datum, 1944: July 10, 68.43; Aug. 14, 69.44.

N1-17 (*777, p. 219; 840, p. 504; 886, p. 756; *989, p. 194). D. H. Monkhouse. Measurements discontinued.

N1-24 (*777, p. 219; 840, p. 504; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 177; 947, p. 181; *989, p. 194). J. C. Williams. 2.5 miles northwest of La Pryor. Water levels, in feet below land-surface datum, 1944: July 6, 130.88; Aug. 9, 132.14.

N1-40 (*777, p. 220; 840, p. 504; 845, p. 550; 909, p. 206; 939, p. 177; 947, p. 191; *989, p. 194). I. T. Pryor. 2 miles west of La Pryor. Water levels, in feet below land-surface datum, 1944: July 6, 114.12; Aug. 9, 114.63.

N5-31 (*777, p. 221; 840, p. 505; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 177; 947, p. 181; *989, p. 194). Well destroyed; measurements discontinued.

N5-39 (*777, p. 221; 840, p. 505; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 177; 947, p. 181; *989, p. 194). C. R. Jarrett. 2 miles northeast of Crystal City. Water levels, in feet below land-surface datum, 1944: July 6, 67.60; Aug. 9, 79.98.

N5-40 (*777, p. 221; 840, p. 505; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 178; 947, p. 181; *989, p. 194). C. R. Jarrett. 2.5 miles east of Crystal City. Water levels, in feet below land-surface datum, 1944: July 6, 64.38; Aug. 9, 75.54.

N5-55 (*777, p. 222; 840, p. 505; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 178; 947, p. 181; *989, p. 194). Cribbs and Davidson. 2.5 miles east of Crystal City. Water levels, in feet below land-surface datum, 1944: July 7, 71.20; Aug. 9, 82.37.

N5-60 (*777, p. 222; 840, p. 505; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 178; *989, p. 194). E. L. Reedy. 4 miles east of Crystal City. Water levels, in feet below land-surface datum, 1944: July 6, 66.73; Aug. 9, 76.61.

N8-7 (*777, p. 222; 840, p. 505; 845, p. 550; 886, p. 756; 909, p. 206; 939, p. 178; 947, p. 181; *989, p. 194). Dr. Walter Biedelspach. 3 miles southeast of Crystal City. Water levels, in feet below land-surface datum, 1944: July 7, 68.24; Aug. 9, 77.25.