

TEXAS BOARD OF WATER ENGINEERS

R. M. Dixon, Chairman  
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BULLETIN 5702

RECORDS OF WATER LEVELS IN BASTROP AND  
CALDWELL COUNTIES, TEXAS  
1937 through December 1956

Compiled by

B. W. Swartz, Engineering Aid

From records of the Texas Board of Water Engineers  
and the  
Geological Survey, United States Department of the Interior

April 1957

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RECORDS OF WATER LEVELS IN BASTROP AND  
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INTRODUCTION

One of the functions of the Texas Board of Water Engineers is to make, independently or in cooperation with other state and federal agencies, investigations of the source, amount, and quality of ground-water supplies. Periodic measurements of water levels are made in the principal ground-water reservoirs of the State to evaluate effects of ground water development in relation to the available supply. This work is done through an observation well program financed cooperatively by the United States Geological Survey and the Texas Board of Water Engineers.

This bulletin contains measurements of the depth to water in feet below land-surface datum in 18 wells in Bastrop County and 28 wells in Caldwell County. It is one of a series of publications by the Texas Board of Water Engineers which contains measurements of the water levels in selected observation wells made as a part of the cooperative program of ground-water investigations throughout the State. The records cover the period from 1937 through November 1956 in Bastrop County. No measurements were made in 1943-44 or 1947-49. In Caldwell County the records cover the period from 1944 through December 1956; no measurements were made in 1945 or 1948-51.

An inventory of wells in Bastrop County was made intermittently from 1946 to 1953 as part of the cooperative program. The results of this investigation were published by the Texas Board of Water Engineers in Bulletin 5413.

During the period 1943 to 1946 an investigation was made in Caldwell County; the results were published by the Texas Board of Water Engineers in 1947. The water-level measurements made at that time are included in this report.

Water levels are reported in feet below land-surface datum. The accompanying maps show the locations of the observation wells. The well numbers on the map correspond to those in the table of measurements. Hydrographs showing the fluctuation of the water levels in selected wells and the annual precipitation at the Weather Bureau stations at Smithville and Luling are given on pages 10 and 22. Records of water wells, geologic data and discussion of ground-water conditions may be found in the publications listed in the bibliography.

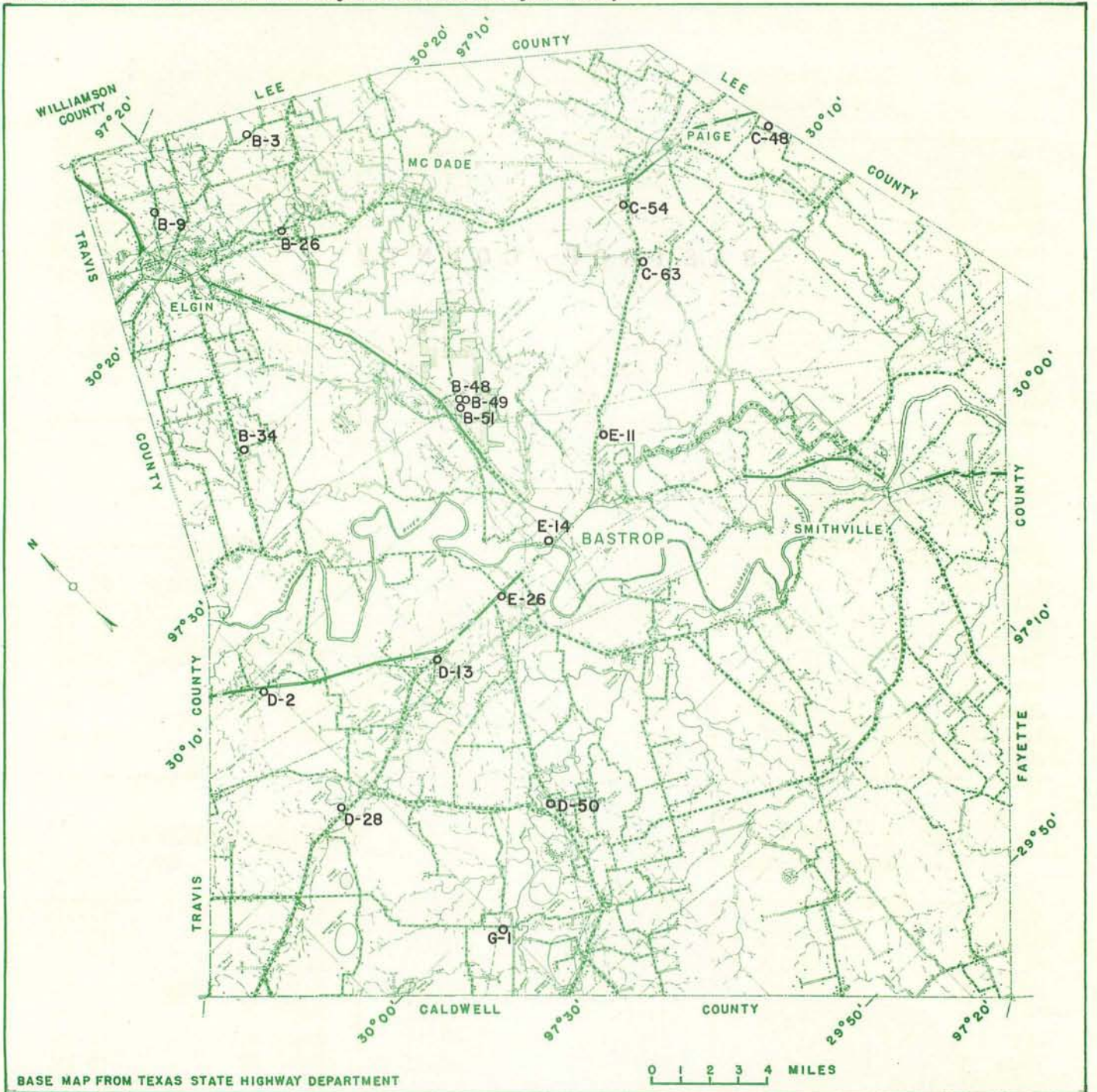
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\*Out of print. Copies available for references in some public libraries and at the Austin offices of the Texas Board of Water Engineers and the U. S. Geological Survey.

BASTROP COUNTY



OBSERVATION WELLS IN BASTROP COUNTY, TEXAS  
NOVEMBER 1956

## WATER-LEVEL MEASUREMENTS IN BASTROP COUNTY, TEXAS

B-3. T. B. Carter. Lat. 30°22', long. 97°17'. Diameter 36 inches,  
depth 63 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Aug. 3, 1950	57.58	Sept. 18, 1952	58.40	May 18, 1955	61.05
Sept. 14	57.58	Jan. 21, 1953	59.53	Aug. 19	60.89
Oct. 11	57.73	Apr. 9	59.21	Nov. 4	61.96
Nov. 9	57.58	May 20	60.11	Feb. 9, 1956	61.89
Apr. 27, 1951	57.89	Sept. 15	59.31	May 7	62.24
June 5	57.96	Feb. 16, 1954	60.32	Aug. 21	65.14
Feb. 21, 1952	60.25	May 17	60.29	Nov. 27	62.38
Apr. 15	59.90	Aug. 5	60.28		
May 9	59.79	Dec. 2	61.41		

B-9. D. W. Dalley. Lat. 30°22', long. 97°21'. Diameter 30 inches,  
depth 90 feet.

Aug. 2, 1950	69.04	May 9, 1952	71.50	Dec. 2, 1954	69.95
Sept. 14	69.76	Sept. 18	68.73	May 18, 1955	68.11
Oct. 11	69.63	Jan. 21, 1953	67.12	Aug. 19	70.23
Nov. 9	70.85	Apr. 9	67.93	Nov. 4	69.35
Dec. 14	64.93	May 20	68.47	Feb. 9, 1956	59.49
Apr. 27, 1951	70.72	Sept. 15	71.18	May 7	68.54
June 5	59.82	Feb. 16, 1954	69.79	Aug. 21	69.75
Feb. 21, 1952	71.28	May 17	66.90	Nov. 27	68.64
Apr. 15	67.88	Aug. 5	69.16		

B-26. H. W. Walker. Lat. 30°19', long. 97°19'. Diameter 30 inches,  
depth 57 feet.

Aug. 3, 1950	44.90	May 9, 1952	44.12	May 18, 1955	46.58
Sept. 14	43.60	Sept. 18	44.47	Aug. 19	47.70
Oct. 11	43.43	Apr. 9, 1953	44.91	Nov. 4	47.71
Nov. 9	43.67	May 20	45.24	Feb. 9, 1956	47.80
Dec. 14	42.81	Sept. 15	46.00	May 7	48.06
Apr. 27, 1951	43.06	Feb. 16, 1954	45.98	Aug. 21	48.26
June 5	43.38	May 17	46.45	Nov. 27	48.59
Feb. 21, 1952	44.31	Aug. 5	46.29		
Apr. 15	45.38	Dec. 2	46.89		

## WATER-LEVEL MEASUREMENTS IN BASTROP COUNTY--CONTINUED

B-34. Louis Lawhon. Lat.  $30^{\circ}14'$ , long.  $97^{\circ}25'$ . Diameter 36 inches, depth 56 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Aug. 4, 1950	35.21	May 9, 1952	35.55	Dec. 2, 1954	40.26
Sept. 14	35.25	Sept. 18	34.72	May 18, 1955	37.94
Oct. 11	35.08	Jan. 21, 1953	36.34	Aug. 19	38.83
Nov. 9	35.19	Apr. 9	37.58	Nov. 4	39.66
Dec. 14	35.19	May 20	37.27	Feb. 9, 1956	38.39
Apr. 27, 1951	35.24	Sept. 16	37.03	May 7	39.16
June 5	34.28	Feb. 16, 1954	37.06	Aug. 21	41.62
Feb. 21, 1952	35.02	May 17	37.06	Nov. 27	41.90
Apr. 15	35.70	Aug. 5	38.23		

*58-54-502*  
B-48. U. S. Army, Camp Swift well 2. Lat.  $30^{\circ}11'$ , long.  $97^{\circ}18'$ . Diameter 20 to 12 inches, depth 530 feet, screen at 271-530 feet.

Apr. 1942	111.0	June 15, 1950	109.7	Nov. 19, 1950	106.7
Dec. 27, 1945	123.7	Sept. 14	109.2	Dec. 14	109.5
Apr. 10, 1946	118.8	Oct. 11	110.3	June 5, 1951	108.9

*58-54-501*  
B-49. U. S. Army, Camp Swift well 1. Lat.  $30^{\circ}11'$ , long.  $97^{\circ}17'$ . Diameter 20 to 12 inches, depth 584 feet, screen at 253-573 feet.

May 1942	133.0	Sept. 14, 1950	132.1	June 5, 1951	132.0
Dec. 27, 1945	146.3	Oct. 11	132.4	Apr. 9, 1953	132.8
Apr. 10, 1946	138.3	Nov. 9	132.2		

*58-54-507*  
B-51. U. S. Army, Camp Swift. Lat.  $30^{\circ}11'$ , long.  $97^{\circ}18'$ . Diameter 8 inches, depth 672 feet.

May 1943	140	Apr. 15, 1952	116.07	Dec. 2, 1954	117.70
Apr. 10, 1946	121.8	May 9	115.97	May 18, 1955	116.20
June 15, 1950	117.4	Sept. 18	115.90	Aug. 19	116.21
Sept. 14	116.0	Dec. 5	116.34	Nov. 4	117.18
Oct. 11	116.29	Jan. 21, 1953	116.35	Feb. 9, 1956	116.48
Nov. 9	116.11	Apr. 9	116.03	May 7	117.33
Dec. 14	116.05	May 20	115.88	Aug. 21	116.60
Apr. 27, 1951	116.02	Feb. 16, 1954	116.17	Nov. 22	116.92
June 5	115.88	May 17	116.17		
Feb. 21, 1952	109.30	Aug. 5	116.20		



## WATER-LEVEL MEASUREMENTS IN BASTROP COUNTY--CONTINUED

C-48. Paul Saegert. Lat. 30°12', long. 97°04'. Diameter 8 inches, depth 146 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Jan. 8, 1938	121.74	May 1, 1939	119.60	Nov. 21, 1940	119.73
May 2	118.76	July 14	119.80	June 2, 1941	117.70
Oct. 17	119.36	Dec. 5	119.77		
Feb. 1, 1939	118.99	Apr. 1, 1940	119.62		

C-54. Max Schlinder. Lat. 30°12', long. 97°04'. Depth 120 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Jan. 8, 1938	62.78	May 1, 1939	56.96	July 9, 1940	62.46
Apr. 22	62.82	July 14	59.23	Nov. 21	62.48
Oct. 17	57.35	Dec. 5	61.39	June 2, 1941	62.75
Feb. 1, 1939	54.34	Apr. 1, 1940	61.91		

C-63. Wesley McPaul. Lat. 30°10', long. 97°10'. Diameter 36 inches, depth 15 feet, dug well.

Date	Water Level	Date	Water Level	Date	Water Level
Jan. 7, 1938	7.48	May 1, 1939	7.50	July 9, 1940	6.29
Apr. 22	4.30	July 14	8.20	Nov. 21	8.35
Oct. 17	7.27	Dec. 5	8.80	June 2, 1941	3.36
Feb. 1, 1939	6.89	Apr. 1	8.68		

D-2. Cottonwood School. Lat. 30°09', long. 97°30'. Diameter 36 inches, depth 26 feet, dug well.

Date	Water Level	Date	Water Level	Date	Water Level
Jan. 6, 1938	11.78	Oct. 11, 1950	14.17	Sept. 16, 1953	15.82
Apr. 22	7.86	Nov. 9	14.00	Feb. 16, 1954	13.96
Oct. 17	10.43	Dec. 14	13.96	May 17	15.86
Feb. 1, 1939	10.40	Apr. 27, 1951	13.43	Aug. 5	18.32
May 1	11.21	Feb. 21, 1952	17.54	Dec. 2	19.95
July 14	12.83	Apr. 15	17.02	May 18, 1955	17.73
Dec. 5	14.09	May 9	16.80	Aug. 19	23.63
Apr. 1, 1940	14.32	Sept. 18	19.44	Nov. 4	20.21
July 9	14.85	Nov. 7	20.44	Feb. 9, 1956	19.42
Nov. 21	14.90	Jan. 21, 1953	16.03	May 7	19.96
June 2, 1941	6.99	Apr. 12	14.93	Aug. 21	22.20
Sept. 14, 1950	13.74	May 20	13.24	Nov. 27	23.02

## WATER-LEVEL MEASUREMENTS IN BASTROP COUNTY--CONTINUED

D-13. Ben Clayton. Lat.  $30^{\circ}06'$ , long.  $97^{\circ}25'$ . Diameter 30 inches, depth 14 feet, dug well.

Date	Water Level	Date	Water Level	Date	Water Level
Jan. 7, 1938	4.17	May 9, 1952	6.61	Dec. 2, 1954	8.17
Sept. 14, 1950	6.09	Sept. 18	5.38	May 18, 1955	6.68
Oct. 11	6.12	Jan. 21, 1953	4.24	Aug. 19	8.41
Nov. 9	5.63	Apr. 12	5.03	Nov. 4	7.29
Dec. 14	6.10	May 20	2.58	Feb. 9, 1956	5.83
Apr. 27, 1951	6.52	Sept. 16	6.23	May 7	7.35
Feb. 21, 1952	6.86	Feb. 16, 1954	5.50	Aug. 21	17.38
Apr. 15	5.44	May 17	8.51	Nov. 27	15.52

D-28. Amado Reyes. Lat.  $30^{\circ}05'$ , long.  $97^{\circ}31'$ . Diameter 48 inches, depth 36 feet, dug well.

July 18, 1946	21.34	Sept. 18, 1952	23.06	Dec. 2, 1954	22.92
Sept. 14, 1950	18.99	Nov. 13	19.28	May 18, 1955	20.99
Oct. 11	18.97	Jan. 21, 1953	18.72	Aug. 19	19.74
Nov. 9	18.78	Apr. 12	18.44	Nov. 4	18.49
Dec. 14	18.83	May 20	18.33	Feb. 9, 1956	18.71
Apr. 27, 1951	19.11	Sept. 16	18.82	May 7	18.99
Feb. 21, 1952	22.89	Feb. 16, 1954	18.60	Aug. 21	26.01
Apr. 15	23.03	May 17	19.70	Nov. 27	23.07
May 9	22.92	Aug. 5	22.12		

D-50. Cass Callahan. Lat.  $30^{\circ}01'$ , long.  $97^{\circ}26'$ . Diameter 30 inches, depth 32 feet, dug well.

July 29, 1946	20.0	Sept. 18, 1952	24.33	May 18, 1955	25.03
Sept. 14, 1950	20.32	Jan. 21, 1953	24.22	Aug. 19	26.03
Oct. 11	19.98	Apr. 12	23.59	Nov. 4	25.09
Nov. 9	20.30	May 20	22.39	Feb. 9, 1956	26.25
Dec. 14	20.60	Sept. 16	23.62	May 7	26.66
Apr. 27, 1951	21.09	Feb. 16, 1954	22.53	Aug. 21	27.99
Feb. 21, 1952	23.10	May 17	23.04	Nov. 27	28.30
Apr. 15	23.15	Aug. 5	24.49		
May 9	23.12	Dec. 2	25.15		

58-54-901  
E-11. Gordon W. Vaughan. Lat.  $30^{\circ}07'$ , long.  $97^{\circ}15'$ . Diameter 8 to 4 inches, depth 238 feet, screen at 136-146 feet.

Jan. 7, 1938	123.2	July 14, 1939	127.40	Dec. 14, 1950	118.27
Apr. 22	122.8	Sept. 14, 1950	120.5	Apr. 27, 1951	122.93
Feb. 1, 1939	122.25	Oct. 11	118.63		
May 1	199.92	Nov. 9	120.8±		

## WATER-LEVEL MEASUREMENTS IN BASTROP COUNTY--CONTINUED

58-62-207  
E-14. Texas Public Utility Co. Lat. 30°06', long. 97°19'. Diameter 8 inches, depth 650 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Jan. 7, 1938	22.12	May 1, 1939	22.83	July 9, 1940	23.03
Apr. 22	23.60	July 14	23.01	Nov. 21	23.34
Oct. 17	22.70	Dec. 5	23.30		
Feb. 1, 1939	22.67	Apr. 1, 1940	23.33		

58-62-102  
E-26. J. K. Young. Lat. 30°06', long. 97°21'. Diameter 34 inches, depth 63 feet, dug well.

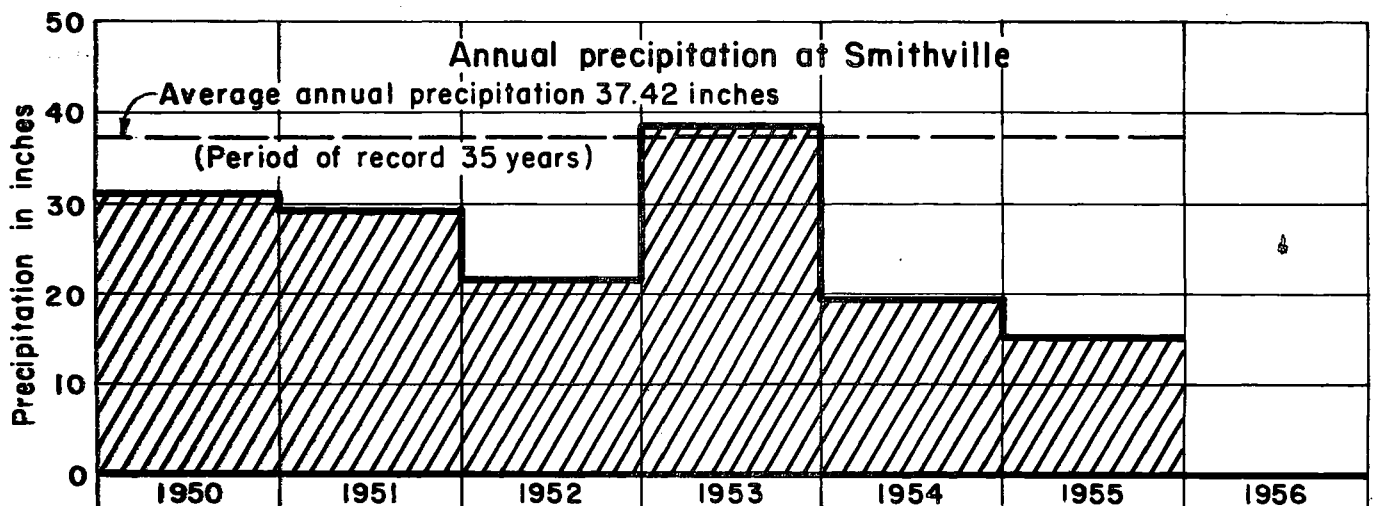
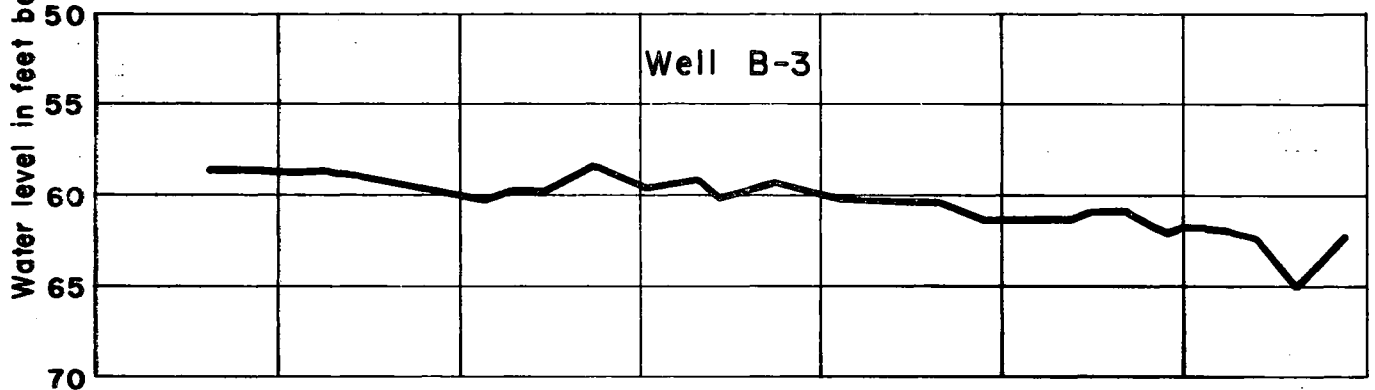
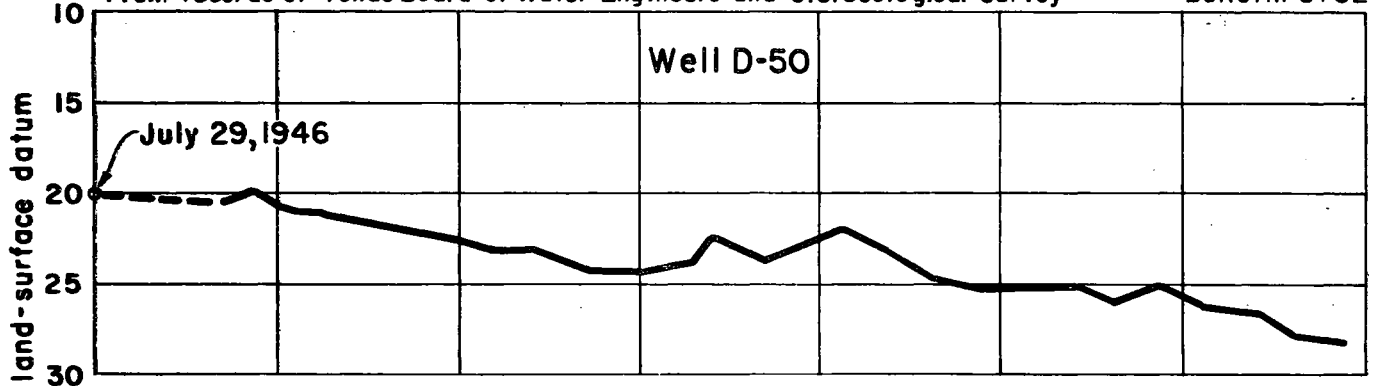
Date	Water Level	Date	Water Level	Date	Water Level
Jan. 7, 1938	26.84	May 1, 1939	28.34	July 9, 1940	28.86
Apr. 22	45.22	July 14	30.56	Nov. 21	29.93
Oct. 17	27.14	Dec. 5	30.09	June 2, 1941	23.30
Feb. 1, 1939	25.91	Apr. 1, 1940	28.56		

G-1. Ralph Cox. Lat. 29°59', long. 97°30'. Diameter 30 inches, depth 47 feet, dug well.

Date	Water Level	Date	Water Level	Date	Water Level
July 25, 1946	29.4	May 9, 1952	37.50	Aug. 5, 1954	45.00
Sept. 14, 1950	35.3	Sept. 18	35.08	Dec. 2	45.09
Oct. 11	30.22	Jan. 21, 1953	32.68	Aug. 19, 1955	43.25
Nov. 9	45.09	Apr. 12	41.15	Nov. 4	41.93
Dec. 14	33.39	May 20	30.09	Feb. 9, 1956	45.10
Apr. 27, 1951	46.06	Sept. 16	30.85	May 7	35.62
Feb. 21, 1952	44.01	Feb. 16, 1954	29.48	Aug. 21	45.23
Apr. 15	33.32	May 17	35.96	Nov. 27	33.85

From records of Texas Board of Water Engineers and U.S. Geological Survey

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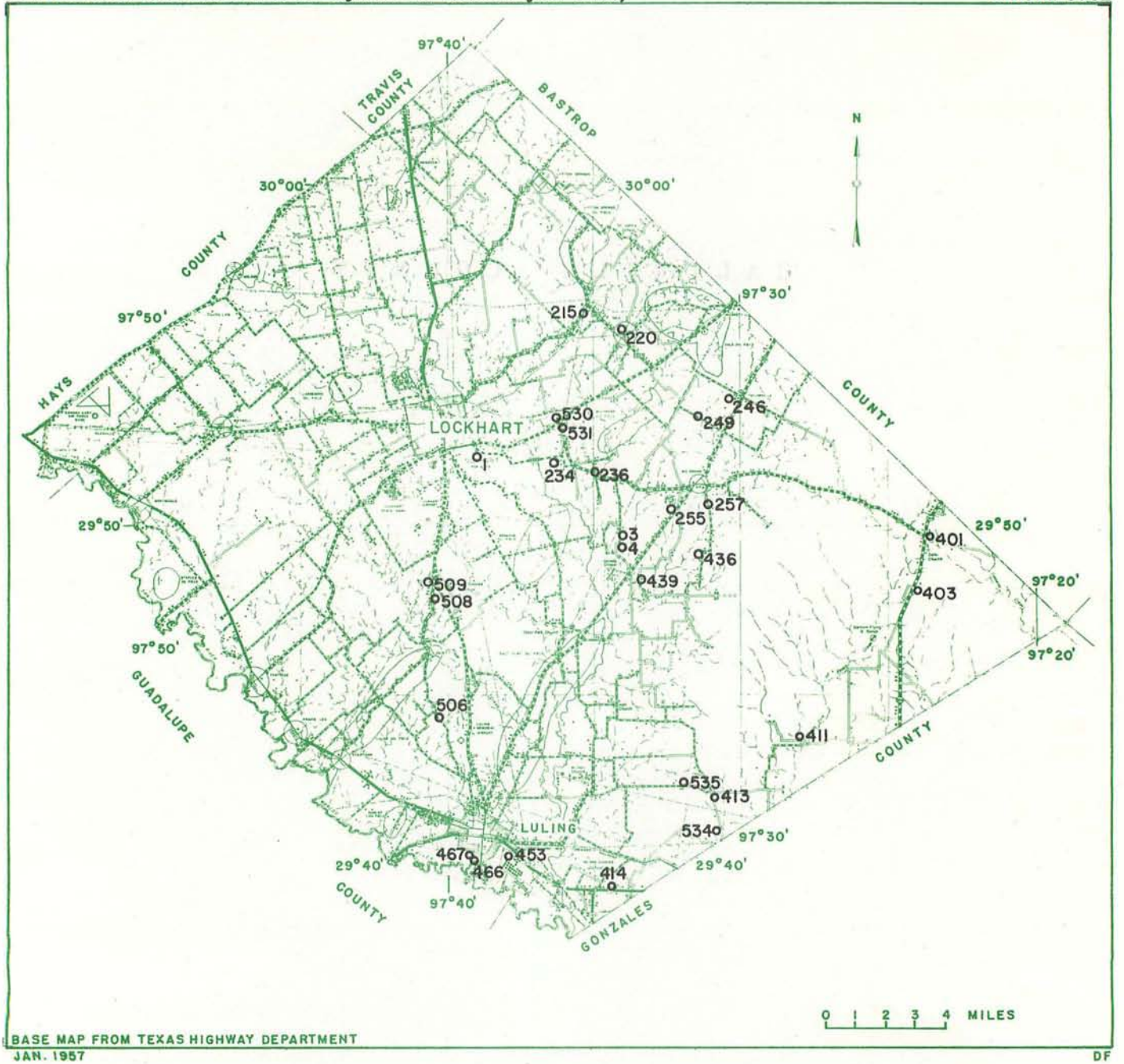


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HYDROGRAPHS OF WATER LEVELS IN WELLS B-3 AND D-50 IN BASTROP COUNTY, AND THE ANNUAL PRECIPITATION AT SMITHVILLE, TEXAS

CALDWELL COUNTY

STATE OF MISSISSIPPI  
COUNTY OF CALDWELL



OBSERVATION WELLS IN CALDWELL COUNTY, TEXAS  
DECEMBER 1956

## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY, TEXAS

1. City of Lockhart. Lat. 29°51', long. 97°37'. Diameter 18 to 10 inches, depth 368 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Mar. 16, 1953	+0.31	May 9, 1955	a108.0	Apr. 4, 1956	a103.0
July 2, 1954	a108.0	June 3	a104.0	May 4	11.0
Aug. 3	a104.0	July 5	a111.0	June 5	a109.0
Sept. 3	a96.0	Aug. 2	a111.0	July 3	a114.0
Oct. 1	11.0	Sept. 4	a104.0	Aug. 3	a113.0
Nov. 5	11.0	Oct. 4	a110.0	Sept. 4	a105.0
Dec. 3	11.0	Nov. 1	8.0	Oct. 2	a111.0
Jan. 4, 1955	11.0	Dec. 13	11.0	Nov. 9	a93.0
Feb. 1	11.0	Jan. 4	11.0	Dec. 6	a116.0
Mar. 4	11.0	Feb. 7	11.0		
Apr. 8	11.0	Mar. 2	11.0		

3. City of Lockhart well 3. Lat. 29°49', long. 97°33'. Diameter 16 inches, depth 340 feet.

May 7, 1953	21.78	Jan. 4, 1955	40.0	Feb. 7, 1956	42.0
July 7	21.77	Feb. 1	a80.0	Mar. 2	42.0
Oct. 15	22.03	Mar. 4	a80.0	Apr. 4	a88.0
Mar. 3, 1954	22.49	Apr. 1	a80.0	May 4	40.0
Mar. 9	22.08	May 3	40.0	June 5	a95.0
Apr. 6	23.86	June 3	40.0	July 3	a97.5
June 23	a81.0	July 5	a90.0	Aug. 3	a100.0
July 2	a78.0	Aug. 2	a90.0	Sept. 4	a95.0
Aug. 3	40.0	Sept. 2	a86.0	Oct. 2	a100.0
Sept. 3	a80.0	Oct. 4	a90.0	Nov. 9	a93.0
Oct. 1	a80.0	Nov. 1	50.0	Dec. 6	a95.0
Nov. 5	a80.0	Dec. 9	45.0		
Dec. 3	a80.0	Jan. 4, 1956	40.0		

4. City of Lockhart well 4. Lat. 29°49', long. 97°33'. Diameter 10 inches, depth 320 feet.

Oct. 15, 1953	8.88	July 2, 1954	a115.0	Nov. 5, 1954	a110.0
Mar. 3, 1954	15.82	Aug. 3	a115.0	Dec. 3	a112.0
Mar. 9	15.68	Sept. 3	a115.0	Jan. 4, 1955	a112.0
June 23	a117.0	Oct. 1	a110.0	Feb. 1	a114.0

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## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY-CONTINUED

4.- Continued

Date	Water Level	Date	Water Level	Date	Water Level
Mar. 4, 1955	a112.0	Nov. 1, 1955	a113.0	July 3, 1956	a127.0
Apr. 1	a110.0	Dec. 9	a114.0	Aug. 3	a129.0
May 3	a117.0	Jan. 4, 1956	a106.0	Sept. 4	a120.0
June 2	a112.0	Feb. 7	a110.0	Oct. 2	a125.0
July 5	a120.0	Mar. 2	a112.0	Nov. 9	a112.0
Aug. 2	a120.0	Apr. 4	a118.0	Dec. 6	a118.0
Sept. 2	a104.0	May 12	a114.0		
Oct. 4	a111.0	June 5	a118.0		

215. W. M. Riddle. Lat. 29°56', long. 97°35'. Diameter 6 inches, depth 128 feet.

Apr. 12, 1946	95.17	Aug. 12, 1954	94.80	Dec. 16, 1955	95.19
May 28, 1952	94.87	Sept. 16	94.79	Jan. 19, 1956	95.05
Sept. 30	94.88	Oct. 15	94.86	Feb. 16	94.78
Feb. 16, 1953	94.80	Nov. 19	94.91	Mar. 19	95.05
Mar. 21	94.66	Dec. 16	94.86	Apr. 19	94.88
July 7	94.98	Jan. 17, 1955	94.77	May 16	94.94
Oct. 15	95.02	May 11	94.88	June 21	94.94
Feb. 10, 1954	94.78	June 10	94.79	July 16	95.03
Mar. 9	94.69	July 21	95.01	Aug. 14	95.04
Apr. 6	94.74	Aug. 18	94.94	Sept. 13	95.07
May 13	94.68	Sept. 14	95.06	Oct. 16	95.07
June 14	94.73	Oct. 13	95.07	Nov. 20	94.87
July 15	94.81	Nov. 17	95.03	Dec. 14	94.81

220. M. H. Riddle. Lat. 29°55', long. 97°33'. Diameter 6 inches, depth 70 feet.

Apr. 12, 1946	58.28	Mar. 9, 1954	57.44	Dec. 16, 1954	57.80
May 28	56.41	Apr. 6	57.97	Jan. 17, 1955	58.42
Sept. 30	57.16	May 13	61.73	May 11	56.96
Feb. 16, 1953	58.60	June 14	58.40	June 10	57.18
Mar. 21	55.90	July 15	60.20	July 21	59.41
May 7	56.74	Aug. 12	58.34	Aug. 18	58.87
July 7	57.99	Sept. 16	59.44	Sept. 14	59.47
Oct. 15	57.33	Oct. 15	57.81	Oct. 13	57.64
Feb. 10, 1954	57.03	Nov. 19	59.17	Nov. 17	57.31

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## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY--CONTINUED

220.- Continued

Date	Water Level	Date	Water Level	Date	Water Level
Dec. 16, 1955	56.82	May 16, 1956	58.73	Oct. 16, 1956	57.29
Jan. 19, 1956	56.60	June 21	57.49	Nov. 20	57.15
Feb. 16	56.27	July 16	58.91	Dec. 14	57.30
Mar. 19	57.29	Aug. 14	58.98		
Apr. 16	57.82	Sept. 13	57.98		

234. Moore. Lat. 29°51', long. 97°36'. Diameter 8 inches, Depth 90 feet.

June 17, 1946	86.76	Oct. 15, 1953	50.28	Aug. 12, 1954	50.13
July 25, 1952	85.16	Feb. 10, 1954	50.32	Sept. 16	50.23
Sept. 29	49.70	Mar. 9	50.37	Oct. 15	50.24
Feb. 17, 1953	49.66	Apr. 6	49.97	Nov. 19	50.39
Mar. 21	49.58	May 13	49.24	Dec. 16	50.43
May 7	75.46	June 14	50.07	Jan. 17, 1955	50.41
July 7	49.90	July 15	50.03	May 11	50.76

236. Addis DeViney. Lat. 29°51', long. 97°34'. Diameter 6 inches, depth 153 feet.

June 17, 1946	98.9	May 7, 1953	92.71	Apr. 6, 1954	79.12
July 25, 1952	64.40	July 7	87.69	May 13	93.25
Sept. 29	82.75	Oct. 15	108.53	June 14	89.52
Feb. 17, 1953	86.57	Feb. 10, 1954	98.31	July 15	109.75
Mar. 21	84.40	Mar. 9	90.81		

246. Loy Taylor. Lat. 29°53', long. 97°30'. Diameter 6 inches, depth 327 feet.

Apr. 17, 1946	157.79	Dec. 16, 1954	161.40	Jan. 19, 1956	159.58
July 25, 1952	160.23	Jan. 15, 1955	161.61	Feb. 16	159.22
Sept. 30	163.35	May 11	159.96	Apr. 19	159.94
Mar. 21, 1953	160.42	June 10	160.30	May 16	159.68
Oct. 15	160.77	July 21	160.00	July 16	170.18
Mar. 9, 1954	159.76	Aug. 18	160.89	Aug. 14	159.82
May 13	159.59	Sept. 14	159.67	Sept. 13	160.84
Sept. 16	160.33	Oct. 13	159.70	Oct. 16	159.74
Oct. 15	160.69	Nov. 17	159.78	Dec. 14	160.28
Nov. 19	160.62	Dec. 16	159.64		

## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY--CONTINUED

249. D. T. Lackey. Lat. 29°53', long. 97°31'. Diameter 6 inches, depth 216 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Apr. 17, 1946	120.57	Aug. 12, 1954	119.29	Jan. 19, 1956	119.17
July 25, 1952	117.33	Sept. 16	124.78	Feb. 16	119.12
Sept. 30	115.91	Oct. 15	120.78	Mar. 19	119.28
Feb. 16, 1953	116.37	Nov. 19	121.87	Apr. 19	119.13
Mar. 21	116.21	Dec. 16	121.61	May 16	118.56
May 7	116.21	Jan. 17, 1955	121.24	June 21	117.15
July 7	116.43	May 11	117.07	July 16	117.24
Oct. 15	116.03	June 10	117.33	Aug. 14	117.27
Feb. 10, 1954	116.60	July 21	118.13	Sept. 13	117.24
Mar. 9	117.28	Aug. 18	118.76	Oct. 16	117.26
Apr. 6	117.35	Sept. 14	119.08	Nov. 20	117.54
May 13	116.94	Oct. 13	119.51	Dec. 14	117.33
June 14	117.46	Nov. 17	119.69		
July 15	117.39	Dec. 16	119.42		

255. Clyde Alexander. Lat. 29°50', long. 97°32'. Diameter 8 inches, depth 126 feet.

July 16, 1946	56.3	Feb. 17, 1953	56.12	Mar. 21, 1953	55.61
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257. J. J. Brown. Lat. 29°50', long. 97°31'. Diameter 5 inches, depth 66 feet.

June 20, 1946	63.81	Aug. 12, 1954	60.86	Dec. 16, 1955	61.77
Sept. 29, 1952	61.24	Sept. 16	60.83	Jan. 19, 1956	61.89
Feb. 16, 1953	60.80	Oct. 15	61.24	Feb. 16	61.77
Mar. 21	60.55	Nov. 19	61.69	Mar. 19	61.95
May 7	60.76	Dec. 16	61.64	Apr. 19	61.78
July 7	60.57	Jan. 17, 1955	61.24	May 16	62.12
Oct. 15	60.55	May 11	61.38	June 22	62.13
Feb. 10, 1954	60.26	June 10	61.46	July 17	62.98
Mar. 9	61.88	July 21	61.77	Aug. 14	62.28
Apr. 6	60.38	Aug. 18	61.30	Sept. 13	63.14
May 13	60.36	Sept. 14	63.06	Oct. 16	62.56
June 14	60.52	Oct. 13	63.08	Nov. 20	63.85
July 15	60.74	Nov. 17	61.63	Dec. 12	62.68

## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY--CONTINUED

401. W. A. Cox. Lat. 29°49', long. 97°23'. Diameter 6 inches, depth 77 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Mar. 1, 1946	66.79	Aug. 17, 1954	64.69	Feb. 28, 1956	64.25
July 25, 1952	63.84	Dec. 17	63.63	June 20	63.84
Sept. 30	63.87	May 13, 1955	63.78	Sept. 13	63.86
Feb. 16, 1953	64.7	Aug. 22	63.94		
Oct. 20	64.54	Nov. 18	63.94		

403. J. Sherry Estate. Lat. 29°48', long. 97°24'. Diameter 2 inches, depth 171 feet.

Mar. 26, 1946	87.96	Aug. 17, 1954	89.66	Feb. 28, 1956	90.16
July 25, 1952	89.21	Dec. 17	89.07	June 20	90.30
Sept. 30	89.16	May 13, 1955	89.83	Sept. 13	90.44
Feb. 16, 1953	89.34	Aug. 22	90.04		
Oct. 20	89.41	Nov. 18	90.13		

411. Raymond Russell. Lat. 29°43', long. 97°27'. Diameter 5 inches, depth 92 feet.

May 17, 1946	33.0	Sept. 30, 1952	34.26	Oct. 20, 1953	34.07
July 25	34.13	Feb. 16, 1953	33.78		

413. G. T. Westbrook. Lat. 29°42', long. 97°30'. Diameter 6 inches, depth 80 feet.

May 7, 1946	73.08	Sept. 29, 1952	74.78	Oct. 20, 1953	76.18
July 25, 1952	75.14	Feb. 16, 1953	75.39		

414. Ben Huff. Lat. 29°39', long. 97°34'. Diameter 5 inches, depth 91 feet.

May 3, 1946	79.17	Aug. 17, 1954	80.92	Feb. 28, 1956	81.60
July 24, 1952	79.75	Dec. 17	79.61	June 20	81.68
Sept. 29	79.90	May 13, 1955	80.97	Sept. 13	81.93
Feb. 16, 1953	81.11	Aug. 22	81.13		
Oct. 20	80.04	Nov. 18	81.35		

## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY--CONTINUED

436. Mrs. Mamie McGee. Lat. 29°49', long. 97°31'. Diameter 5 inches, depth 352 feet.

Date	Water Level	Date	Water Level	Date	Water Level
1944	70.0	Oct. 15, 1954	75.95	Jan. 19, 1956	79.30
Feb. 17, 1953	75.02	Nov. 19	79.83	Feb. 16	76.58
Mar. 21	73.65	Dec. 16	75.92	Mar. 19	81.14
May 7	74.19	Jan. 17, 1955	76.02	Apr. 19	82.12
July 7	74.43	May 11	79.10	May 16	77.07
Feb. 10, 1954	79.92	June 10	76.06	June 21	79.37
Apr. 6	75.00	July 21	78.49	July 16	63.0
May 13	75.14	Aug. 18	77.52	Sept. 13	80.60
June 14	75.45	Sept. 14	82.57	Oct. 16	76.57
July 15	76.30	Oct. 13	81.16	Nov. 20	83.20
Aug. 12	76.32	Nov. 17	78.06	Dec. 14	78.27
Sept. 16	79.20	Dec. 12	76.93		

439. Howard Taylor. Lat. 29°48', long. 97°33'. Diameter 5 inches, depth 91 feet.

Feb. 15, 1946	5.0	Sept. 16, 1954	14.23	Jan. 19, 1956	16.35
Feb. 17, 1953	13.9	Oct. 15	14.75	Feb. 16	16.18
Mar. 21	12.06	Nov. 19	14.83	Mar. 19	16.49
May 7	11.96	Dec. 16	14.79	Apr. 19	16.63
July 7	12.22	Jan. 17, 1955	14.79	May 16	16.80
Oct. 15	13.50	May 11	15.16	June 21	16.83
Feb. 10, 1954	13.62	June 10	14.99	July 16	17.15
Mar. 9	13.07	July 21	15.36	Aug. 14	17.52
Apr. 6	12.87	Aug. 18	15.58	Sept. 13	17.77
May 13	12.89	Sept. 14	16.00	Oct. 16	18.01
June 14	13.29	Oct. 13	16.08	Nov. 20	18.03
July 15	13.78	Nov. 17	16.50	Dec. 14	18.16
Aug. 12	13.89	Dec. 16	16.40		

453. Magnolia Petroleum Co. Lat. 29°40', long. 97°37'. Diameter 12 inches, depth 519 feet.

July 3, 1946	34.10	Aug. 17, 1954	46.70	Feb. 28, 1956	42.81
July 24, 1952	43.69	Dec. 17	42.52	June 20	47.20
Sept. 29	42.49	May 13, 1955	44.59	Sept. 13	48.02
Feb. 16, 1953	39.40	Aug. 22	46.99		
Oct. 20	42.85	Nov. 18	44.43		

## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY--CONTINUED

466. N. O. Stair. Lat. 29°40', long. 97°38'. Diameter 5 inches, depth 239 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Feb. 7, 1946	45.52	Aug. 17, 1954	56.83	Feb. 28, 1956	55.38
July 24, 1952	49.12	Dec. 17	50.38	June 20	53.48
Sept. 29	48.71	May 13, 1955	51.97	Sept. 13	a 58.96
Feb. 16, 1953	46.9	Aug. 22	52.27		
Oct. 20	55.54	Nov. 18	51.98		

467. T. I. Johnson. Lat. 29°40', long. 97°38'. Diameter 5 inches, depth 282 feet.

Aug. 6, 1946	44.94	Aug. 17, 1954	47.74	Feb. 28, 1956	46.37
July 24, 1952	46.19	Dec. 17	46.75	June 20	46.95
Sept. 29	45.55	May 13, 1955	46.56	Sept. 13	47.66
Feb. 16, 1953	44.79	Aug. 22	46.59		
Oct. 20	50.83	Nov. 18	46.65		

506. F. L. Fields. Lat. 29°44', long. 97°40'. Diameter 5 inches, depth 182 feet.

Mar. 20, 1946	113.4	Feb. 10, 1954	118.16	Feb. 28, 1956	118.52
July 25, 1952	118.54	May 13	118.24	June 20	118.27
Feb. 16, 1953	119.79	Aug. 17	a 129.14	July 16	118.39
Mar. 21	118.78	Aug. 17	119.85	Sept. 13	118.25
May 7	120.17	Dec. 17	118.42	Oct. 16	119.78
July 7	119.38	May 13, 1955	118.28		
Oct. 15	118.43	Aug. 22	118.47		

508. Jim Guckian. Lat. 29°47', long. 97°40'. Diameter 6 inches, depth 168 feet.

Mar. 20, 1946	80.45	Aug. 12, 1954	81.50	Jan. 19, 1956	83.31
July 25, 1952	80.85	Sept. 16	81.43	Feb. 28	83.31
Sept. 29	80.97	Oct. 15	81.72	Mar. 19	83.49
Feb. 16, 1953	80.29	Nov. 19	81.72	Apr. 19	83.33
Mar. 21	80.11	Dec. 17	81.28	May 16	83.12
May 7	80.07	Jan. 17, 1955	81.03	June 20	83.51
July 7	79.83	May 11	82.42	July 16	83.99
Oct. 15	80.56	June 10	84.00	Aug. 14	84.07
Feb. 10, 1954	80.42	July 21	84.54	Sept. 13	83.95
Mar. 9	80.52	Aug. 18	83.23	Oct. 16	84.16
Apr. 6	80.61	Sept. 14	83.18	Nov. 20	84.00
May 13	80.59	Oct. 13	83.85	Dec. 14	84.08
June 14	81.12	Nov. 18	83.39		
July 15	81.18	Dec. 16	83.13		

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## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY--CONTINUED

509. Ed. Choopwood. Lat. 29°48', long. 97°40'. Diameter 6 inches, depth 94 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Mar. 20, 1946	51.85	Aug. 12, 1954	52.69	Jan. 19, 1956	53.20
July 25, 1952	50.86	Sept. 16	52.28	Feb. 16	53.01
Sept. 29	50.74	Oct. 15	53.14	Mar. 19	55.22
Feb. 16, 1953	50.82	Nov. 19	54.10	Apr. 19	54.51
Mar. 21,	50.52	Dec. 17	53.81	May 16	53.35
May 7	51.48	Jan. 17, 1955	53.49	June 20	53.42
July 7	51.50	May 11	52.60	July 16	55.14
Oct. 15	50.86	June 10	53.17	Aug. 14	55.59
Feb. 10, 1954	50.70	July 21	52.53	Sept. 13	55.20
Mar. 9	53.87	Aug. 18	53.00	Oct. 16	54.26
Apr. 6	53.38	Sept. 14	52.76	Nov. 20	59.88
May 13	51.45	Oct. 13	53.32	Dec. 14	55.76
June 14	51.75	Nov. 17	52.82		
July 15	52.92	Dec. 16	52.60		

530. W. F. Schuelke. Lat. 29°53', long. 97°36'. Diameter 4 inches, depth 63 feet.

Apr. 4, 1947	60.03	Feb. 17, 1953	61.09	May 7, 1953	59.47
Sept. 30, 1952	60.72	Mar. 21	59.58	July 7	59.59

531. Sylvester Johnson. Lat. 29°52', long. 97°36'. Diameter 6 inches, depth 94 feet.

Apr. 4, 1947	71.21	Aug. 17, 1954	77.62	Dec. 16, 1955	74.23
Sept. 30, 1952	77.0	Sept. 16	75.86	Jan. 19, 1956	74.00
Feb. 17, 1953	75.73	Oct. 17	74.94	Feb. 16	73.45
Mar. 21	73.83	Nov. 19	76.00	Mar. 19	73.91
May 7	74.53	Dec. 16	73.66	Apr. 19	73.79
July 7	74.99	Jan. 17, 1955	73.37	May 16	73.84
Oct. 15	75.26	May 11	74.21	June 21	73.63
Feb. 10, 1954	74.97	June 10	73.23	July 16	73.77
Mar. 9	78.26	July 21	74.64	Aug. 14	73.79
Apr. 6	79.30	Aug. 18	73.92	Sept. 13	73.79
May 13	75.61	Sept. 14	74.53	Oct. 16	73.96
June 14	81.35	Oct. 13	74.05	Nov. 20	73.71
July 15	78.94	Nov. 17	74.11	Dec. 14	73.56

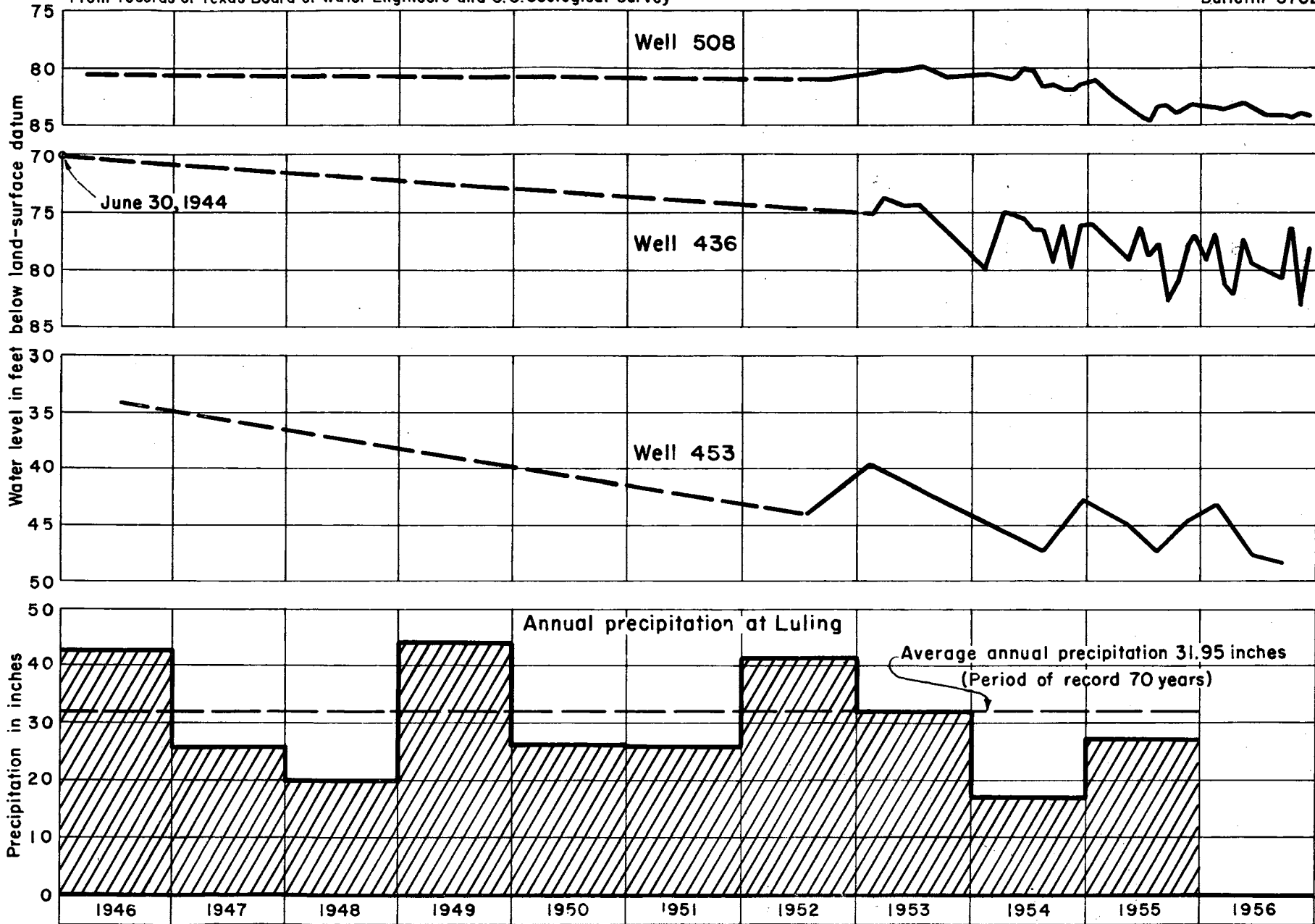
## WATER-LEVEL MEASUREMENTS IN CALDWELL COUNTY--CONTINUED

534. Mrs. J. E. Ledbetter. Lat.  $29^{\circ}41'$ , long.  $97^{\circ}30'$ . Diameter 5 inches, depth 98 feet.

Date	Water Level	Date	Water Level	Date	Water Level
Apr. 4, 1947	62.39	Aug. 17, 1954	70.13	Feb. 28, 1956	67.17
July 25, 1952	65.26	Dec. 17	68.72	June 20	67.19
Sept. 29	65.23	May 13, 1955	64.13	Sept. 13	69.26
Feb. 16, 1953	65.12	Aug. 22	65.68		
Oct. 20	65.39	Nov. 18	65.33		

535. Abner Moore. Lat.  $29^{\circ}42'$ , long.  $97^{\circ}31'$ . Diameter 6 inches, depth 71 feet.

Apr. 4, 1947	67.98	Aug. 17, 1954	68.67	Feb. 28, 1956	70.12
July 25, 1952	67.90	Dec. 17	68.92	June 21	70.11
Sept. 29	68.68	May 13, 1955	69.44	Sept. 13	70.07
Feb. 16, 1953	70.17	Aug. 22	69.60		
Oct. 20	68.55	Nov. 18	69.80		



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HYDROGRAPHS OF WATER LEVELS IN WELLS 436, 453, AND 508 IN CALDWELL COUNTY, AND THE ANNUAL PRECIPITATION AT LULING, TEXAS

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