

TEXAS BOARD OF WATER ENGINEERS

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BULLETIN 5307

RECORDS OF WATER-LEVEL MEASUREMENTS IN SWISHER COUNTY, TEXAS

1914 - 1953

Compiled by

C. R. Follett, Engineer

Texas Board of Water Engineers

Prepared in cooperation with the Geological Survey,  
United States Department of the Interior

December 1953



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This bulletin contains measurements of the depths to water below land-surface datum in 93 wells in Swisher County, Texas. A few measurements made in 1914 by C. L. Baker and in 1936 by engineers of the Resettlement Administration are included in this bulletin.

In 1937 an inventory of water wells in Swisher County, including depth-to-water measurements, was made cooperatively by the United States Geological Survey and the Texas Board of Water Engineers. Observation wells were selected and water-level measurements have been made since 1937 as a part of a State-wide cooperative program. In 1945 a new inventory was made to bring the old records up-to-date.

If more than one water-level measurement was made during a month, only the highest water-level is given in this report. The accompanying map shows the location of the observation wells with the well numbers assigned to them in the records. Discussions of the water-level measurements, pumping, rainfall, recharge, geology, and other factors are given in the reports referred to in the following list of publications.

## LIST OF PUBLICATIONS

- ALEXANDER, W. H. Jr., and BROADHURST, W. L., Progress report on ground water in the High Plains in Texas, 1942. \*
- ALEXANDER, W. H. Jr., and OTHERS, Progress report on ground water in the High Plains in Texas, 1943. \*
- ALEXANDER, W. H. Jr., and LANG, J. W., Ground water in the High Plains of Texas, Progress report no. 5, 1945.
- BAKER, C. L., Geology and underground waters of the Northern Llano Estacado: Univ. of Texas Bull. 57, 1915. \*
- BARNES, J. R., ELLIS, W. C., LEGGAT, E. R., SCALAPINO, R. A., and GEORGE, W. O., Geology and ground water in the irrigated region of the Southern High Plains in Texas, Progress report no. 7, 1949.
- BROADHURST, W. L., and ALEXANDER, W. H. Jr., Progress report on ground water in the High Plains in Texas, 1944.
- BROADHURST, W. L., Ground water in High Plains in Texas, Progress report no. 6, 1947.
- BURLEIGH, H. P., and WELLS, H. M., Preliminary report on the underground water supply of Plainview and vicinity, Texas, 1936. \*
- DANTE, JOHN H., Records of wells in Swisher County, 1946.
- FOLLETT, C. R., Records of wells in Swisher County, 1938.
- GOULD, C. N., The geology and water resources of the eastern portion of the Panhandle of Texas, U. S. Geol. Survey Water-Supply Paper 191, 1907. \*
- HUGHES, WILLIAM F., Cost of pumping water for irrigation Texas High Plains, 1951.
- JOHNSON, W. D., The High Plains and their utilization, U. S. Geol. Survey 21st Ann. Rept., pt. 4, Hydrology, pp. 609-741, 1901; 22d Ann. Rept., pt. 4, Hydrography, pp. 637-669, 1902. \*
- LEGGAT, E. R., Development of wells for irrigation and fluctuation of water levels in the High Plains of Texas to January 1951, Bulletin 5104, 1951.
- MEINZER, O. E., and WENZEL, L. K., Water levels and artesian pressure in wells in the United States in 1937, U. S. Geol. Survey Water-Supply Paper 840, 1938.
- \_\_\_\_\_, Water levels and artesian pressure in wells in the United States in 1938, U. S. Geol. Survey Water-Supply Paper 845, 1939.
- \_\_\_\_\_, Water levels and artesian pressure in wells in the United States in 1939, U. S. Geol. Survey Water-Supply Paper 886, 1940.
- \_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1940, Part 4, U. S. Geol. Survey Water-Supply Paper 909, 1941.

## LIST OF PUBLICATIONS

MEINZER, O. E., and WENZEL, L. K., Water levels and artesian pressure in observation wells in the United States in 1941, Part 4, U. S. Geol. Survey Water-Supply Paper 939, 1943.

\_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1942, Part 4, U. S. Geol. Survey Water-Supply Paper 947, 1944.

\_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1943, Part 4, U. S. Geol. Survey Water-Supply Paper 989, 1946.

SAYRE, A. N., and OTHERS, Water levels and artesian pressure in observation wells in the United States in 1944, Part 4, U. S. Geol. Survey Water-Supply Paper 1019, 1947.

\_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1945, Part 4, U. S. Geol. Survey Water-Supply Paper 1026, 1948.

\_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1946, Part 4, U. S. Geol. Survey Water-Supply Paper 1074, 1949.

\_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1947, Part 4, U. S. Geol. Survey Water-Supply Paper 1099, 1950.

\_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1948, Part 4, U. S. Geol. Survey Water-Supply Paper 1129, 1951.

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\_\_\_\_\_, Water levels and artesian pressure in observation wells in the United States in 1950, Part 4, U. S. Geol. Survey Water-Supply Paper 1168, 1952.

WHITE, W. N., Ground water in the Texas High Plains, Texas State Bd. of Water Engr., Press release, Apr. 12, 1939. \*

WHITE, W. N., and OTHERS, Ground water in the High Plains in Texas, Texas State Bd. of Water Engr., 1938. \*

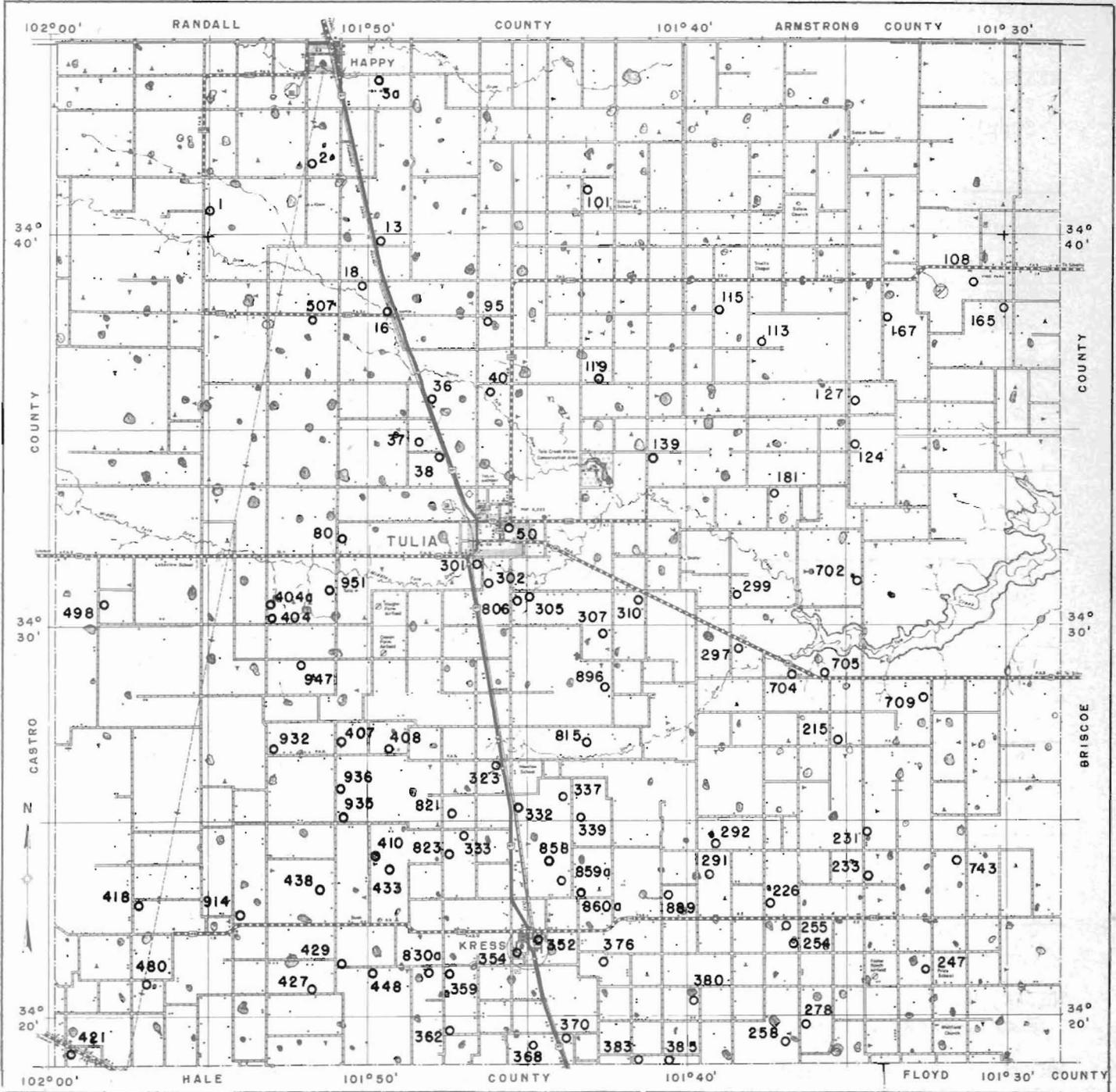
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\_\_\_\_\_, Ground water in the High Plains of Texas, Texas State Bd. of Water Engr., 1940. \*

\* Out of print. Copies available for references in most public libraries and at the Austin office of the U. S. Geological Survey.

SWISHER COUNTY, TEXAS  
OBSERVATION WELLS  
February 1953

Bulletin 5307  
Texas Board of Water Engineers  
in cooperation with  
U. S. Geological Survey



Base map from Texas State Highway  
Department



## SWISHER COUNTY

1. Lat.  $34^{\circ}40'$ , long.  $101^{\circ}55'$ . Depth 203 feet.

Date	Water level	Date	Water level	Date	Water level
Oct. 28, 1937	89.50	Mar. 3, 1948	89.39	Jan. 18, 1951	90.26
May 31, 1943	88.73	Feb. 23, 1949	95.50	Jan. 22, 1952	93.20
Mar. 17, 1947	89.88	Feb. 13, 1950	89.38	Jan. 15, 1953	95.50

2. Lat.  $34^{\circ}41'$ , long.  $101^{\circ}51'$ . Depth 94 feet.

July 26, 1937	77.94	Mar. 14, 1940	77.79	Feb. 25, 1946	77.64
Aug. 10	77.97	Nov. 7	77.98	Jan. 15, 1947	77.88
Sept. 13	77.93	Mar. 12, 1941	77.97	Mar. 17	77.85
Jan. 10, 1938	77.78	Dec. 22	77.88	Mar. 3, 1948	77.66
Apr. 20	77.86	Feb. 18, 1942	77.85	Feb. 23, 1949	77.75
Sept. 14	77.96	July 27	77.73	Feb. 13, 1950	77.68
Dec. 13	78.01	Nov. 5	77.73	Jan. 18, 1951	77.60
Mar. 7, 1939	77.72	Feb. 3, 1943	77.65	Jan. 22, 1952	77.13
June 28	77.80	Feb. 10, 1944	77.70	Jan. 15, 1953	76.70
Dec. 30	77.77	Feb. 20, 1945	77.67		

3a. Lat.  $34^{\circ}44'$ , long.  $101^{\circ}49'$ . Depth 114 feet.

June 11, 1938	99.46	Dec. 30, 1939	99.41	Feb. 18, 1942	99.67
Sept. 14	99.37	Mar. 14, 1940	99.46	July 27	99.50
Dec. 13	99.36	Nov. 7	99.50	Nov. 5	99.57
Mar. 7, 1939	99.37	Mar. 12, 1941	99.59		
June 28	99.40	Dec. 22	99.61		

13. Lat.  $34^{\circ}39'$ , long.  $101^{\circ}49'$ .

July 26, 1937	74.97	Apr. 20, 1938	74.79	June 28, 1939	72.66
Aug. 10	74.97	June 11	74.21	Dec. 30	72.67
Sept. 13	74.82	Dec. 13	73.57	Mar. 14, 1940	72.50
Jan. 10, 1938	74.90	Mar. 7, 1939	73.26	Nov. 7	72.14

## SWISHER COUNTY

16. Lat.  $34^{\circ}38'$ , long.  $101^{\circ}49'$ . Depth 78 feet.

Date	Water level	Date	Water level	Date	Water level
July 26, 1937	61.38	June 28, 1939	61.74	Feb. 18, 1942	61.20
Aug. 10	61.35	Dec. 30	61.86	July 27	61.22
Sept. 13	61.41	Mar. 14, 1940	61.99	Nov. 5	61.55
Jan. 10, 1938	61.52	Nov. 7	62.70	Feb. 10, 1944	61.03
Apr. 20	61.77	Jan. 10, 1941	62.22	Feb. 20, 1945	61.17
June 11	61.79	Mar. 12	62.34	Feb. 25, 1946	62.38
Sept. 14	61.49	May 31	62.22	Jan. 15, 1947	63.26
Dec. 13	61.66	July 25	61.62	Mar. 10	63.39
Mar. 7, 1939	61.63	Dec. 22	61.10		

-18. Lat.  $34^{\circ}37'$ , long.  $101^{\circ}49'$ . Depth 85 feet.

June 5, 1937	73.80	Sept. 14, 1938	73.48	Nov. 7, 1940	73.63
July 16	73.43	Dec. 13	73.59	Mar. 12, 1941	73.67
Aug. 10	73.69	Mar. 7, 1939	73.60	Dec. 22	73.35
Jan. 10, 1938	73.56	June 28	73.57	Feb. 18, 1942	72.85
Apr. 20	73.33	Dec. 30	73.33	July 27	73.55
June 11	73.72	Mar. 14, 1940	73.46		

36. Lat.  $34^{\circ}35'$ , long.  $101^{\circ}48'$ . Depth 226 feet.

Apr. 20, 1934	54.03	Feb. 3, 1943	53.88	Jan. 16, 1948	58.20
June 5, 1937	55.80	Feb. 10, 1944	53.70	Mar. 3	58.06
Nov. 7, 1940	56.93	Feb. 20, 1945	54.24	Feb. 23, 1949	59.20
Mar. 12, 1941	56.84	Feb. 25, 1946	55.64	Jan. 18, 1951	58.40
Feb. 26, 1942	54.84	Jan. 18, 1947	56.78	Jan. 22, 1952	61.83
Nov. 5	54.20	Mar. 10	56.65		

37. Lat.  $34^{\circ}34'$ , long.  $101^{\circ}48'$ . Depth 250 feet.

Sept. 13, 1937	62.67	Feb. 26, 1942	64.20	Feb. 3, 1948	66.26
Apr. 20, 1938	63.18	Nov. 5	63.55	Mar. 3	65.36
Sept. 14	62.91	Feb. 3, 1943	63.42	Feb. 23, 1949	67.63
Mar. 7, 1939	63.86	Feb. 10, 1944	62.99	Feb. 17, 1950	68.83
Mar. 14, 1940	63.90	Feb. 25, 1946	64.11	Jan. 23, 1951	70.37
Nov. 7	64.82	Jan. 15, 1947	64.83	Jan. 22, 1952	74.15
Mar. 12, 1941	64.97	Mar. 17	64.47	Jan. 15, 1953	78.20

## SWISHER COUNTY

38. Lat.  $34^{\circ}34'$ , long.  $101^{\circ}47'$ . Depth 65 feet.

Date	Water level	Date	Water level	Date	Water level
Sept. 13, 1937	55.02	Mar. 14, 1940	56.02	Feb. 20, 1945	54.69
Jan. 10, 1938	55.08	Nov. 5, 1942	55.10	Feb. 25, 1946	56.43
Apr. 20	55.11	Feb. 3, 1943	55.01	Mar. 10, 1947	56.99
Mar. 7, 1939	55.65	Feb. 10, 1944	53.09	Mar. 4, 1949	63.85

40. Lat.  $34^{\circ}36'$ , long.  $101^{\circ}46'$ . Depth 285 feet.

Mar. 26, 1937	59.67	Mar. 2, 1948	63.08	Jan. 22, 1952	66.15
May 29, 1943	59.28	Feb. 28, 1949	64.03	Jan. 15, 1953	68.85
Mar. 17, 1947	62.12	Feb. 13, 1950	64.34		

50. Lat.  $34^{\circ}32'$ , long.  $101^{\circ}45'$ . Depth 69 feet.

July 16, 1937	60.72	Dec. 30, 1939	61.52	Feb. 23, 1949	63.70
Aug. 10	60.74	Nov. 7, 1940	62.01	Feb. 18, 1950	64.08
Sept. 13	60.67	Mar. 18, 1941	62.39	Jan. 23, 1951	64.43
Apr. 20, 1938	60.73	Feb. 3, 1943	60.80	Jan. 22, 1952	65.03
June 11	60.78	Feb. 25, 1946	58.55	Jan. 13, 1953	67.30
Mar. 7, 1939	60.98	Mar. 10, 1947	61.89		
July 1	61.27	Mar. 11, 1948	63.00		

80. Lat.  $34^{\circ}32'$ , long.  $101^{\circ}54'$ .

Mar. 15, 1947	68.34	Feb. 13, 1950	71.28	Jan. 15, 1953	81.70
Mar. 1, 1948	69.04	Jan. 18, 1951	73.37		
Feb. 23, 1949	70.67	Jan. 22, 1952	76.37		

95. Lat.  $34^{\circ}37'$ , long.  $101^{\circ}46'$ .

Mar. 4, 1949	74.14	Jan. 19, 1951	73.86	Jan. 15, 1953	79.20
Feb. 13, 1950	71.32	Jan. 22, 1952	75.10		

## SWISHER COUNTY

101. Lat.  $34^{\circ}41'$ , long.  $101^{\circ}43'$ . Depth 230 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 17, 1947	70.63	Feb. 13, 1950	72.31	Jan. 14, 1953	78.10
Mar. 2, 1948	71.14	Jan. 19, 1951	73.02		
Mar. 4, 1949	72.05	Jan. 23, 1952	75.10		

108. Lat.  $34^{\circ}38'$ , long.  $101^{\circ}30'$ . Depth 210 feet.

Apr. 20, 1934	70.66	Jan. 15, 1947	75.12	Jan. 19, 1951	78.46
Nov. 29, 1937	71.52	Mar. 17	74.91	Jan. 23, 1952	80.00
May 6, 1943	75.61	Mar. 2, 1948	75.91	Jan. 14, 1953	83.35
Feb. 22, 1945	76.34	Mar. 4, 1949	76.27		
Feb. 26, 1946	73.48	Feb. 14, 1950	77.26		

113. Lat.  $34^{\circ}37'$ , long.  $101^{\circ}37'$ . Depth 210 feet.

Nov. 30, 1937	58.46	Mar. 2, 1948	61.40	Jan. 19, 1951	63.40
May 28, 1943	58.53	Mar. 4, 1949	62.26	Jan. 23, 1952	64.14
Mar. 17, 1947	60.99	Feb. 13, 1950	63.98	Jan. 14, 1953	66.95

115. Lat.  $34^{\circ}38'$ , long.  $101^{\circ}39'$ . Depth 226 feet.

Nov. 15, 1937	57.38	Mar. 17, 1947	59.31	Jan. 19, 1951	63.52
May 28, 1943	56.78	Mar. 2, 1948	60.75	Jan. 23, 1952	65.28
Feb. 22, 1945	61.40	Mar. 4, 1949	62.26	Jan. 14, 1953	68.90
Feb. 25, 1946	59.14	Feb. 13, 1950	62.98		

119. Lat.  $34^{\circ}36'$ , long.  $101^{\circ}42'$ .

May 29, 1943	50.22	Feb. 28, 1949	55.65	Jan. 23, 1952	57.55
Mar. 17, 1947	53.10	Feb. 13, 1950	56.36	Jan. 14, 1953	61.70
Mar. 2, 1948	55.43	Jan. 19, 1951	55.70		

124. Lat.  $34^{\circ}34'$ , long.  $101^{\circ}34'$ . Depth 188 feet.

Nov. 26, 1937	46.91	Mar. 2, 1948	53.29	Jan. 23, 1952	66.14
May 15, 1943	55.49	Feb. 28, 1949	60.24	Jan. 14, 1953	68.50
Mar. 17, 1947	51.60	Jan. 19, 1951	63.90		

## SWISHER COUNTY

127. Lat.  $34^{\circ}35'$ , long.  $101^{\circ}34'$ . Depth 197 feet.

Date	Water level	Date	Water level	Date	Water level
Nov. 26, 1937	52.38	Mar. 17, 1947	54.95	Jan. 19, 1951	60.15
May 15, 1943	53.07	Mar. 2, 1948	56.38	Jan. 23, 1952	60.53
Feb. 22, 1945	57.51	Mar. 4, 1949	57.18	Jan. 14, 1953	63.30
Feb. 25, 1946	53.41	Feb. 14, 1950	58.04		

139. Lat.  $34^{\circ}34'$ , long.  $101^{\circ}41'$ . Depth 208 feet.

May 29, 1943	50.30	Mar. 2, 1948	52.05	Jan. 23, 1952	53.12
Feb. 22, 1945	52.73	Feb. 28, 1949	52.60	Jan. 14, 1953	53.84
Feb. 26, 1946	51.01	Feb. 14, 1950	52.84		
Mar. 17, 1947	51.05	Jan. 19, 1951	52.20		

165. Lat.  $34^{\circ}38'$ , long.  $101^{\circ}30'$ . Depth 200 feet.

May 6, 1943	79.36	Mar. 2, 1948	79.95	Jan. 23, 1952	83.23
Feb. 22, 1945	78.14	Mar. 4, 1949	80.83	Jan. 14, 1953	85.05
Feb. 26, 1946	79.88	Feb. 14, 1950	80.87		
Mar. 17, 1947	79.65	Jan. 19, 1951	81.27		

167. Lat.  $34^{\circ}37'$ , long.  $101^{\circ}33'$ .

Nov. 26, 1937	52.45	Mar. 17, 1947	54.31	Jan. 19, 1951	58.14
May 6, 1943	53.22	Mar. 2, 1948	55.53	Jan. 23, 1952	60.00
Feb. 22, 1945	53.16	Mar. 4, 1949	56.50	Jan. 14, 1953	62.65
Feb. 26, 1946	54.87	Feb. 14, 1950	57.50		

181. Lat.  $34^{\circ}33'$ , long.  $101^{\circ}37'$ . Depth 140 feet.

Nov. 30, 1945	52.50	Jan. 19, 1951	63.54	Jan. 14, 1953	72.20
Mar. 4, 1949	60.72	Jan. 23, 1952	67.75		

215. Lat.  $34^{\circ}27'$ , long.  $101^{\circ}35'$ . Depth 180 feet.

Nov. 10, 1937	52.71	Mar. 13, 1947	61.12	Feb. 14, 1950	66.35
June 30, 1943	54.35	Mar. 11, 1948	63.34	Jan. 23, 1951	66.86
Feb. 26, 1946	58.92	Mar. 3, 1949	65.29		

## SWISHER COUNTY

226. Lat.  $34^{\circ}22'$ , long.  $101^{\circ}37'$ .

Date	Water level	Date	Water level	Date	Water level
May 5, 1936	45.04	Nov. 1, 1937	45.09	Jan. 6, 1939	45.99
May 12, 1937	45.39	Dec. 3	45.11	June 24	46.28
June 9	45.42	Jan. 5, 1938	45.13	Oct. 3	46.47
July 24	45.10	June 27	45.38	Dec. 8	46.58
Aug. 10	45.04	Oct. 19	45.84	Mar. 5, 1940	46.69
Sept. 14	45.16	Dec. 8	45.93		

231. Lat.  $34^{\circ}24'$ , long.  $101^{\circ}34'$ .

Nov. 8, 1937	51.39	Feb. 26, 1946	63.25	Feb. 14, 1950	68.34
June 30, 1943	67.48	Mar. 13, 1947	65.84	Jan. 23, 1951	70.10
Feb. 14, 1944	60.63	Feb. 23, 1948	66.86	Jan. 24, 1952	72.85
Feb. 22, 1945	62.12	Mar. 3, 1949	68.50	Jan. 9, 1953	76.98

233. Lat.  $34^{\circ}23'$ , long.  $101^{\circ}34'$ . Depth 203 feet.

Nov. 8, 1937	50.85	Feb. 23, 1948	67.00	Jan. 23, 1951	71.43
June 30, 1943	72.28	Mar. 3, 1949	67.80	Jan. 24, 1952	79.85
Mar. 13, 1947	62.49	Feb. 14, 1950	68.85	Jan. 9, 1953	82.39

247. Lat.  $34^{\circ}21'$ , long.  $101^{\circ}33'$ . Depth 226 feet.

Nov. 9, 1937	57.34	Mar. 4, 1949	68.75	Jan. 24, 1952	72.30
July 16, 1943	60.70	Feb. 14, 1950	69.43	Jan. 9, 1953	75.78
Feb. 23, 1948	66.58	Jan. 23, 1951	69.88		

254. Lat.  $34^{\circ}22'$ , long.  $101^{\circ}31'$ .

May 6, 1936	36.38	Apr. 9, 1938	37.01	Mar. 5, 1940	38.94
May 12, 1937	36.76	May 27	37.23	July 9	39.30
June 9	36.80	June 27	37.25	Nov. 15	40.00
July 24	36.68	Aug. 12	37.36	Jan. 16, 1941	40.23
Aug. 10	36.62	Oct. 19	37.53	Mar. 10	40.36
Sept. 14	36.72	Dec. 8	37.69	July 25	40.28
Oct. 4	36.71	Jan. 6, 1939	37.79	Dec. 22	39.46
Nov. 1	36.73	Feb. 28	37.84	Feb. 26, 1942	39.27
Dec. 3	36.74	June 24	38.10	Feb. 2, 1943	40.03
Jan. 5, 1938	36.79	Oct. 3	38.52	Feb. 14, 1944	41.25
Mar. 11	36.95	Dec. 8	38.71		

## SWISHER COUNTY

255. Lat. 34°22', long. 101°37'. Depth 200 feet.

Date	Water level	Date	Water level	Date	Water level
May 12, 1937	41.53	May 27, 1938	41.67	Feb. 22, 1945	46.30
June 9	41.16	June 27	41.74	Feb. 26, 1946	47.57
July 24	40.81	Aug. 12	41.83	Jan. 16, 1947	49.56
Aug. 26	41.04	Oct. 19	42.49	Mar. 13	49.15
Sept. 14	41.07	Nov. 15, 1940	45.09	Jan. 16, 1948	50.70
Oct. 4	40.95	Jan. 16, 1941	44.42	Feb. 23	50.47
Nov. 1	40.95	Mar. 10	44.41	Mar. 3, 1949	52.30
Dec. 3	41.09	Feb. 26, 1942	43.04	Feb. 14, 1950	53.53
Jan. 5, 1938	41.43	Nov. 7	43.95	Jan. 23, 1951	55.39
Mar. 11	41.48	Feb. 2, 1943	43.75	Jan. 24, 1952	57.93
Apr. 9	41.75	Feb. 14, 1944	45.04	Jan. 14, 1953	62.72

258. Lat. 34°19', long. 101°37'.

May 6, 1936	50.56	Jan. 6, 1939	52.00	Dec. 22, 1941	54.26
June 9, 1937	51.23	Feb. 28	51.98	Feb. 26, 1942	54.12
Jan. 4, 1938	51.65	Oct. 3	53.52	Feb. 2, 1943	54.21
Apr. 9	51.60	Mar. 5, 1940	53.25	Feb. 14, 1944	55.10
May 27	52.26	Nov. 15	54.57	Feb. 22, 1945	56.45
June 27	52.20	Jan. 16, 1941	54.47	Feb. 26, 1946	58.37
Dec. 8	52.01	July 25	54.31	Jan. 16, 1947	61.14

278. Lat. 34°19', long. 101°36'. Depth 238 feet.

Feb. 23, 1948	77.95	Feb. 14, 1950	80.12	Jan. 24, 1952	85.05
Mar. 4, 1949	79.92	Jan. 23, 1951	82.23	Jan. 9, 1953	87.25

291. Lat. 34°23', long. 101°39'. Depth 175 feet.

Mar. 14, 1947	60.56	Feb. 15, 1950	63.10	Jan. 14, 1953	69.93
Feb. 23, 1948	61.79	Jan. 23, 1951	62.72		
Feb. 24, 1949	63.03	Jan. 24, 1952	65.72		

292. Lat. 34°24', long. 101°39'. Depth 175 feet.

Mar. 14, 1947	58.03	Feb. 15, 1950	62.88	Jan. 24, 1952	67.60
Feb. 24, 1949	62.23	Jan. 23, 1951	64.49	Jan. 14, 1953	71.49

## SWISHER COUNTY

297. Lat.  $34^{\circ}29'$ , long.  $101^{\circ}38'$ . Depth 135 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 10, 1947	41.15	Feb. 14, 1950	45.59	Jan. 13, 1953	56.06
Feb. 26, 1948	42.89	Jan. 19, 1951	46.72		
Feb. 28, 1949	44.90	Jan. 24, 1952	49.77		

299. Lat.  $34^{\circ}31'$ , long.  $101^{\circ}38'$ . Depth 101 feet.

Nov. 26, 1937	41.70	Mar. 17, 1947	45.52	Jan. 23, 1952	52.68
June 30, 1943	46.02	Feb. 26, 1948	46.45	Jan. 14, 1953	52.88
Feb. 22, 1945	44.54	Mar. 4, 1949	50.06		
Feb. 26, 1946	44.00	Feb. 14, 1950	50.49		

301. Lat.  $34^{\circ}31'$ , long.  $101^{\circ}46'$ . Depth 38 feet.

July 24, 1937	31.21	Mar. 7, 1939	32.20	July 25, 1941	30.63
Aug. 10	31.38	June 28	32.00	Dec. 22	29.82
Sept. 13	31.72	Oct. 3	32.40	Feb. 26, 1942	30.20
Jan. 10, 1938	32.01	Dec. 30	32.69	Nov. 6	30.77
Apr. 20	32.20	Mar. 14, 1940	32.81	Feb. 3, 1943	30.85
June 11	32.28	Nov. 7	33.16	Feb. 10, 1944	32.08
Sept. 14	32.18	Mar. 12, 1941	33.26	Feb. 20, 1945	32.90
Dec. 13	32.46	May 31	32.45		

302. Lat.  $34^{\circ}21'$ , long.  $101^{\circ}46'$ . Depth 233 feet.

Apr. 20, 1934	62.74	Mar. 12, 1941	64.71	Mar. 10, 1947	63.61
Nov. 17, 1937	64.14	Dec. 22	63.10	Feb. 26, 1948	65.18
Mar. 7, 1939	63.66	Nov. 5, 1942	63.31	Feb. 23, 1949	66.24
June 28	63.89	Feb. 3, 1943	63.16	Feb. 15, 1950	67.18
Oct. 3	63.56	Feb. 10, 1944	63.77	Jan. 19, 1951	68.07
Dec. 30	64.40	Feb. 20, 1945	64.17	Jan. 23, 1952	70.61
Mar. 14, 1940	64.10	Feb. 27, 1946	65.04	Jan. 9, 1953	73.50
Nov. 7	65.75	Jan. 15, 1947	63.73		

## SWISHER COUNTY

305. Lat. 34°30', long. 101°44'. Depth 48 feet.

Date	Water level	Date	Water level	Date	Water level
Aug. 10, 1937	36.97	Mar. 14, 1940	37.46	Feb. 26, 1948	40.30
Sept. 13	37.22	Mar. 12, 1941	37.84	Feb. 24, 1949	40.35
Jan. 10, 1938	37.11	Dec. 22	37.06	Feb. 15, 1950	40.71
Apr. 20	36.99	Nov. 6, 1942	37.20	Jan. 23, 1951	42.20
June 11	36.72	Feb. 3, 1943	37.54	Jan. 23, 1952	44.00
Sept. 14	37.38	Feb. 22, 1945	38.93	Jan. 13, 1953	46.70
Dec. 13	37.40	Feb. 26, 1946	38.84		
Dec. 30, 1939	37.58	Mar. 14, 1947	38.75		

307. Lat. 34°29', long. 101°42'. Depth 173 feet.

Mar. 14, 1947	55.23	Feb. 15, 1950	57.52	Jan. 13, 1953	62.65
Mar. 2, 1948	56.34	Jan. 19, 1951	59.37		
Feb. 24, 1949	57.11	Jan. 24, 1952	59.58		

310. Lat. 34°30', long. 101°41'. Depth 172 feet.

Mar. 14, 1947	69.73	Feb. 15, 1950	75.42	Jan. 13, 1953	81.05
Mar. 2, 1948	68.05	Jan. 19, 1951	72.90		
Feb. 28, 1949	69.49	Jan. 24, 1952	75.73		

323. Lat. 34°26', long. 101°46'. Depth 76 feet.

June 5, 1937	62.79	Dec. 13, 1938	64.93	Dec. 22, 1941	67.85
July 26	62.83	Mar. 7, 1939	64.87	Nov. 6, 1942	67.35
Aug. 10	62.92	June 24	65.13	Feb. 3, 1943	67.11
Sept. 13	63.09	Aug. 16	65.28	Feb. 9, 1944	67.80
Jan. 10, 1938	63.44	Mar. 5, 1940	66.32	Feb. 20, 1945	68.60
Apr. 20	63.98	Jan. 16, 1941	67.62	Feb. 27, 1946	69.78
June 11	64.28	Mar. 10	67.57		
Sept. 14	64.69	July 26	67.47		

## SWISHER COUNTY

332. Lat. 34°25', long. 101°45'. Depth 209 feet.

Date	Water level	Date	Water level	Date	Water level
June 5, 1937	63.57	Dec. 30, 1939	64.08	Feb. 26, 1946	67.51
Sept. 13	64.56	Mar. 5, 1940	63.15	Jan. 15, 1947	75.78
Jan. 10, 1938	59.49	Jan. 16, 1941	71.03	Mar. 12	73.62
Apr. 9	69.06	Mar. 10	68.02	Jan. 16, 1948	78.01
Oct. 19	64.11	Dec. 22	67.12	Feb. 23	76.97
Jan. 6, 1939	62.14	Feb. 22, 1942	67.12	Feb. 24, 1949	76.54
Mar. 1	61.96	Nov. 6	63.95	Feb. 15, 1950	75.74
June 24	69.58	Feb. 3, 1943	63.49	Jan. 19, 1951	76.91
Aug. 16	80.38	Feb. 9, 1944	66.24	Jan. 22, 1952	80.30
Oct. 3	71.50	Feb. 20, 1945	65.59	Jan. 13, 1953	85.17

333. Lat. 34°24', long. 101°46'.

Dec. 8, 1945	79.30	Feb. 22, 1949	82.98	Jan. 21, 1952	88.95
Mar. 12, 1947	79.37	Feb. 15, 1950	86.57	Jan. 8, 1953	91.65
Feb. 26, 1948	81.15	Jan. 22, 1951	85.98		

337. Lat. 34°25', long. 101°43'. Depth 90 feet.

May 14, 1936	52.85	Mar. 1, 1939	59.90	Mar. 10, 1941	64.95
May 12, 1937	53.63	June 24	60.42	Mar. 15, 1947	73.35
June 27, 1938	69.70	Dec. 30	62.56	Feb. 23, 1948	74.22
Dec. 8	61.98	Nov. 7, 1940	70.63		

339. Lat. 34°25', long. 101°43'.

May 14, 1936	46.46	Apr. 9, 1938	49.11	Oct. 19, 1938	50.57
May 12, 1937	47.05	June 10	49.57	Dec. 8	50.56
June 9	47.40	June 27	49.73	Jan. 6, 1939	50.48
Nov. 3	48.41	Aug. 12	50.04	Mar. 1	50.32

## SWISHER COUNTY

352. Lat. 34°22', long. 101°44'.

Date	Water level	Date	Water level	Date	Water level
May 7, 1936	59.13	Aug. 12, 1938	60.23	July 9, 1940	61.36
June 15	58.24	Oct. 19	60.38	Nov. 7	61.88
May 12, 1937	58.59	Dec. 8	60.40	Jan. 16, 1941	62.06
June 5	59.67	Jan. 6, 1939	60.38	Mar. 10	62.10
July 15	59.78	Mar. 1	60.33	May 31	62.15
Aug. 9	59.87	June 24	60.58	July 25	61.76
Sept. 13	59.95	Aug. 16	60.68	Dec. 22	61.14
Jan. 10, 1938	59.81	Oct. 2	60.86	Feb. 27, 1942	60.82
Apr. 9	59.94	Dec. 30	61.15	Nov. 6	61.35
June 27	59.96	Mar. 5, 1940	61.06	Jan. 27, 1943	61.14

354. Lat. 34°21', long. 101°45'.

May 12, 1936	61.19	Oct. 19, 1938	61.88	Jan. 27, 1943	62.86
June 15	61.23	Dec. 8	61.91	Feb. 9, 1944	63.66
May 12, 1937	61.52	Jan. 6, 1939	61.92	Feb. 20, 1945	63.76
June 9	61.54	Mar. 1	61.95	Feb. 27, 1946	64.69
July 26	61.59	June 24	61.98	Jan. 15, 1947	66.56
Aug. 9	61.65	Mar. 5, 1940	62.26	Mar. 10, 1947	66.73
Sept. 13	61.72	Nov. 7	62.60	Feb. 28, 1948	68.43
Jan. 10, 1938	61.76	Mar. 10, 1941	62.84	Feb. 22, 1949	71.08
Apr. 9	61.77	July 25	62.94	Feb. 15, 1950	73.34
June 24	61.81	Dec. 22	62.40		
Aug. 12	61.84	Feb. 27, 1942	62.20		

359. Lat. 34°21', long. 101°47'. Depth 220 feet.

Dec. 1, 1937	73.68	Mar. 10, 1941	76.15	Mar. 13, 1947	81.84
Apr. 9, 1938	74.71	Dec. 22	75.94	Feb. 28, 1948	81.32
Oct. 19	76.11	Feb. 27, 1942	75.72	Feb. 22, 1949	87.70
Dec. 8	75.01	Nov. 7	76.72	Feb. 15, 1950	89.75
Feb. 28, 1939	75.05	Jan. 27, 1943	76.01	Jan. 22, 1951	91.89
June 24	75.40	Feb. 9, 1944	76.68	Jan. 21, 1952	95.87
Dec. 1	75.67	Feb. 20, 1945	77.45	Jan. 7, 1953	99.52
Mar. 5, 1940	75.34	Feb. 26, 1946	79.50		
Jan. 16, 1941	76.30	Jan. 15, 1947	82.10		

## SWISHER COUNTY

362. Lat. 34°19', long. 101°47'.

Date	Water level	Date	Water level	Date	Water level
May 12, 1936	65.82	June 24, 1938	66.37	Jan. 16, 1941	68.63
June 15	65.87	Aug. 10	66.27	Mar. 10	67.70
May 21, 1937	65.70	Oct. 2, 1939	66.84	Dec. 22	67.11
June 9	65.72	Dec. 1	66.95	Feb. 27, 1942	65.02
July 17	65.75	Mar. 5, 1940	67.12	Nov. 7	64.56
Aug. 11	65.73	July 9	67.31	Jan. 27, 1943	65.01
Apr. 9, 1938	66.01	Nov. 7	68.72		

368. Lat. 34°19', long. 101°44'. Depth 212 feet.

May 4, 1936	73.99	Aug. 10, 1939	76.05	Feb. 9, 1944	79.76
May 21, 1937	74.88	Oct. 2	76.64	Feb. 20, 1945	81.00
June 10	74.40	Dec. 1	76.44	Feb. 27, 1946	83.41
Sept. 15	73.80	Jan. 12, 1940	76.25	Jan. 15, 1947	86.89
Jan. 5, 1938	74.07	Mar. 5	76.10	Mar. 10	86.70
Mar. 12	74.79	Nov. 15	78.17	Jan. 16, 1948	89.41
Apr. 9	74.82	Jan. 16, 1941	78.00	Feb. 28	89.38
May 27	74.97	Mar. 10	77.93	Feb. 22, 1949	92.48
June 27	74.82	July 25	78.69	Feb. 14, 1950	90.79
Aug. 12	74.70	Dec. 22	78.14	Jan. 22, 1951	96.35
Dec. 8	74.71	Feb. 26, 1942	77.90	Jan. 21, 1952	98.98
Jan. 6, 1939	74.67	Nov. 7	78.66	Jan. 7, 1953	102.15
Mar. 1	74.61	Jan. 27, 1943	78.16		

370. Lat. 34°19', long. 101°43'. Depth 348 feet.

Apr. 13, 1914	68.00	Jan. 6, 1939	72.32	Nov. 7, 1942	76.19
May 4, 1936	71.55	Mar. 1	72.40	Jan. 27, 1943	75.49
June 15	71.76	Aug. 10	72.87	Feb. 9, 1944	77.55
June 10, 1937	72.35	Oct. 2	73.10	Feb. 20, 1945	79.99
July 15	72.05	Dec. 1	73.24	Feb. 27, 1946	81.48
Aug. 9	72.39	Jan. 12, 1940	73.19	Jan. 15, 1947	84.97
Sept. 6	72.91	Mar. 5	73.11	Mar. 10	84.26
Jan. 10, 1938	72.17	Nov. 15	74.24	Feb. 23, 1948	86.54
Apr. 9	72.49	Jan. 16, 1941	74.27	Feb. 24, 1949	88.54
May 27	72.60	Mar. 10	74.28	Jan. 22, 1951	91.72
June 27	72.50	July 25	75.21	Jan. 21, 1952	94.32
Aug. 12	72.49	Dec. 22	75.03	Jan. 7, 1953	99.25
Dec. 8	72.28	Feb. 26, 1942	74.82		

## SWISHER COUNTY

376. Lat. 34°21', long. 101°42'. Depth 400 feet.

Date	Water level	Date	Water level	Date	Water level
Nov. 3, 1937	68.60	Feb. 24, 1949	81.65	Jan. 24, 1952	92.81
Mar. 13, 1947	77.28	Feb. 14, 1950	90.38	Jan. 9, 1953	98.65
Feb. 23, 1948	77.00	Jan. 22, 1951	87.82		

380. Lat. 34°20', long. 101°40'.

May 6, 1936	54.20	Dec. 3, 1937	53.78	Dec. 8, 1939	54.80
May 3, 1937	54.25	Jan. 5, 1938	53.91	Mar. 5, 1940	54.90
June 10	54.20	Mar. 12	54.15	Nov. 15	55.37
Aug. 26	53.97	Apr. 9	54.14	Jan. 16, 1941	55.30
Sept. 14	54.01	May 27	54.20	Mar. 10	55.41
Oct. 4	53.93	Jan. 10, 1939	54.35	July 25	54.42
Nov. 1	53.81	Feb. 28	54.45	Feb. 22, 1945	56.05

383. Lat. 34°18', long. 101°41'. Depth 208 feet.

1914	72.20	May 27, 1938	72.95	Nov. 7, 1942	74.17
Apr. 18, 1934	70.71	June 27	72.23	Jan. 27, 1943	73.24
May 4, 1936	73.07	Oct. 19	72.66	Feb. 10, 1944	74.90
Mar. 17, 1937	72.83	Dec. 8	72.29	Feb. 22, 1945	76.32
May 3	76.22	Jan. 6, 1939	72.01	Feb. 27, 1946	78.89
June 10	73.94	Feb. 28	71.77	Jan. 16, 1947	81.33
July 24	72.91	Oct. 3	77.65	Mar. 14	81.04
Aug. 26	76.36	Dec. 8	73.75	Feb. 23, 1948	84.75
Sept. 14	74.09	Mar. 5, 1940	72.70	Mar. 3, 1949	87.38
Oct. 4	73.32	Nov. 15	75.34	Feb. 14, 1950	88.58
Nov. 1	72.76	Jan. 16, 1941	74.15	Jan. 22, 1951	89.82
Dec. 3	72.44	Mar. 10	73.71	Jan. 24, 1952	92.93
Jan. 5, 1938	72.16	July 25	75.75	Jan. 9, 1953	97.10
Mar. 12	72.65	Dec. 22	73.65		
Apr. 9	72.89	Feb. 26, 1942	73.52		

385. Lat. 34°18', long. 101°41'. Depth 250 feet.

May 4, 1936	68.10	Oct. 19, 1938	69.48	Nov. 15, 1940	74.13
Sept. 21, 1937	68.81	Feb. 28, 1939	69.24	Jan. 16, 1941	72.27
Apr. 9, 1938	68.37	Oct. 3	71.20	Mar. 10	71.91
June 27	69.45	Dec. 8	71.24		
Aug. 12	69.33	Mar. 5, 1940	70.86		

## SWISHER COUNTY

404. Lat.  $34^{\circ}30'$ , long.  $101^{\circ}54'$ . Depth 242 feet.

Date	Water level	Date	Water level	Date	Water level
Oct. 22, 1937	103.51	Feb. 23, 1949	106.78	Jan. 18, 1951	108.27
May 31, 1943	102.65	Feb. 16, 1950	107.81	Jan. 8, 1953	115.23

404a. Lat.  $34^{\circ}30'$ , long.  $101^{\circ}54'$ .

Mar. 1, 1948	103.39	Feb. 16, 1950	106.08	Jan. 22, 1952	109.52
Feb. 23, 1949	105.65	Jan. 18, 1951	106.93	Jan. 8, 1953	114.14

407. Lat.  $34^{\circ}26'$ , long.  $101^{\circ}50'$ . Depth 229 feet.

Apr. 1937	91.00	Mar. 15, 1947	109.48	Jan. 22, 1951	116.30
1944	98.87	Mar. 1, 1948	111.66	Jan. 22, 1952	120.55
Feb. 20, 1945	99.96	Feb. 22, 1949	112.72	Jan. 8, 1953	125.90
Feb. 26, 1946	104.53	Feb. 16, 1950	113.20		

408. Lat.  $34^{\circ}26'$ , long.  $101^{\circ}49'$ . Depth 202 feet.

Sept. 24, 1937	86.90	Feb. 16, 1950	96.28	Jan. 8, 1953	108.38
Mar. 1, 1948	94.20	Jan. 22, 1951	88.83		
Feb. 22, 1949	95.75	Jan. 22, 1952	102.63		

410. Lat.  $34^{\circ}24'$ , long.  $101^{\circ}49'$ . Depth 167 feet.

Sept. 23, 1937	92.70	Feb. 22, 1949	101.51	Jan. 21, 1952	107.44
Mar. 12, 1947	100.04	Feb. 15, 1950	101.36	Jan. 8, 1953	112.55
Mar. 1, 1948	101.00	Jan. 22, 1951	107.32		

418. Lat.  $34^{\circ}22'$ , long.  $101^{\circ}57'$ . Depth 210 feet.

Oct. 6, 1937	74.73	Feb. 28, 1948	80.86	Jan. 22, 1951	86.07
July 15, 1943	75.62	Feb. 23, 1949	82.21	Jan. 21, 1952	88.40
Feb. 27, 1946	78.01	Feb. 15, 1950	83.60	Jan. 7, 1953	100.08

## SWISHER COUNTY

421. Lat.  $34^{\circ}19'$ , long.  $101^{\circ}59'$ . Depth 240 feet.

Date	Water level	Date	Water level	Date	Water level
June 14, 1938	62.71	Jan. 27, 1943	59.42	Feb. 28, 1948	66.32
Jan. 14, 1939	61.10	Feb. 3, 1944	60.93	Feb. 23, 1949	68.58
June 24	59.45	Feb. 20, 1945	61.29	Feb. 15, 1950	69.70
Jan. 17, 1941	62.07	Feb. 27, 1946	63.90	Jan. 21, 1952	74.86
July 26	60.69	Jan. 21, 1947	64.59	Jan. 7, 1953	77.45
Nov. 16, 1942	60.05	Mar. 12	64.42		

427. Lat.  $34^{\circ}20'$ , long.  $101^{\circ}51'$ . Depth 104 feet.

July 17, 1937	82.54	Aug. 10, 1938	83.33	July 9, 1940	84.08
Aug. 11	82.89	Jan. 4, 1939	83.53	Nov. 7	84.10
Jan. 5, 1938	82.84	Feb. 28	83.37	Jan. 17, 1941	84.19
May 12	82.85	June 24	83.52	Mar. 10	84.23
Apr. 9	82.94	Dec. 1	83.84	Dec. 22	84.15
June 25	83.32	Mar. 5, 1940	83.91		

429. Lat.  $34^{\circ}41'$ , long.  $101^{\circ}50'$ . Depth 198 feet.

Sept. 23, 1937	93.17	Dec. 22, 1941	96.54	Jan. 15, 1947	104.25
Oct. 2, 1939	96.04	Feb. 27, 1942	95.87	Mar. 12	103.73
Dec. 1	96.75	Nov. 7	96.54	Jan. 16, 1948	107.50
Mar. 5, 1940	95.38	Jan. 27, 1943	96.10	Feb. 28	106.68
Nov. 7	97.82	Feb. 9, 1944	97.11	Feb. 22, 1949	108.38
Jan. 17, 1941	96.34	Feb. 20, 1945	97.90	Feb. 15, 1950	110.09
Mar. 10	96.06	Feb. 27, 1946	100.47	Jan. 22, 1951	115.80

433. Lat.  $34^{\circ}24'$ , long.  $101^{\circ}29'$ . Depth 265 feet.

Mar. 12, 1947	102.53	Feb. 15, 1950	102.80	Jan. 9, 1953	114.78
Mar. 1, 1948	102.90	Jan. 22, 1951	106.38		
Feb. 22, 1949	102.79	Jan. 21, 1952	109.03		

438. Lat.  $34^{\circ}23'$ , long.  $101^{\circ}51'$ . Depth 216 feet.

Mar. 13, 1937	111.40	Feb. 22, 1949	118.20	Jan. 21, 1952	125.90
Feb. 28, 1948	114.29	Jan. 22, 1951	122.79	Jan. 13, 1953	132.20

## SWISHER COUNTY

448. Lat.  $34^{\circ}21'$ , long.  $101^{\circ}29'$ .

Date	Water level	Date	Water level	Date	Water level
Mar. 13, 1947	85.67	Feb. 15, 1950	90.25	Jan. 7, 1953	101.82
Feb. 28, 1948	85.09	Jan. 22, 1951	93.18		
Feb. 22, 1949	87.83	Jan. 21, 1952	96.72		

480. Lat.  $34^{\circ}20'$ , long.  $101^{\circ}56'$ . Depth 203 feet.

Dec. 7, 1945	73.60	Feb. 23, 1949	77.69	Jan. 9, 1953	89.35
Mar. 21, 1947	74.53	Jan. 22, 1951	81.67		
Feb. 28, 1948	76.43	Jan. 21, 1952	83.60		

498. Lat.  $34^{\circ}30'$ , long.  $101^{\circ}38'$ . Depth 200 feet.

Mar. 21, 1947	94.84	Feb. 23, 1949	95.67	Jan. 22, 1952	99.25
Mar. 1, 1948	94.71	Feb. 16, 1950	97.19	Jan. 8, 1953	101.94

507. Lat.  $34^{\circ}37'$ , long.  $101^{\circ}52'$ . Depth 195 feet.

Nov. 27, 1945	80.70	Feb. 23, 1949	83.80	Jan. 22, 1952	85.85
Mar. 21, 1947	82.30	Feb. 13, 1950	82.97	Jan. 15, 1953	88.60
Mar. 3, 1948	83.45	Jan. 18, 1951	84.43		

702. Lat.  $34^{\circ}31'$ , long.  $101^{\circ}34'$ . Depth 200 feet.

May 15, 1943	39.10	Feb. 28, 1949	41.78	Jan. 23, 1952	42.67
Mar. 17, 1947	40.34	Feb. 14, 1950	46.15	Jan. 14, 1953	44.40
Mar. 2, 1948	41.40	Jan. 19, 1951	41.42		

704. Lat.  $34^{\circ}28'$ , long.  $101^{\circ}36'$ .

Nov. 29, 1945	49.00	Feb. 28, 1949	40.56	Jan. 24, 1952	42.16
Mar. 14, 1947	38.42	Feb. 14, 1950	40.22	Jan. 13, 1953	48.25
Feb. 26, 1948	39.26	Jan. 19, 1951	40.60		

## SWISHER COUNTY

705. Lat.  $34^{\circ}28'$ , long.  $101^{\circ}35'$ . Depth 171 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 14, 1947	48.80	Feb. 14, 1950	55.55	Jan. 13, 1953	63.90
Feb. 26, 1948	53.64	Jan. 19, 1951	55.02		
Feb. 28, 1949	56.13	Jan. 24, 1952	59.81		

709. Lat.  $34^{\circ}28'$ , long.  $101^{\circ}32'$ . Depth 179 feet.

Mar. 14, 1947	82.92	Feb. 14, 1950	93.86	Jan. 9, 1953	100.40
Mar. 2, 1948	85.48	Jan. 23, 1951	91.52		
Mar. 3, 1949	88.03	Jan. 23, 1952	94.70		

743. Lat.  $34^{\circ}23'$ , long.  $101^{\circ}31'$ . Depth 162 feet.

Mar. 14, 1947	53.53	Feb. 14, 1950	60.57	Jan. 9, 1953	65.87
Feb. 23, 1948	55.18	Jan. 23, 1951	58.64		
Mar. 3, 1949	56.94	Jan. 24, 1952	61.90		

806. Lat.  $34^{\circ}30'$ , long.  $101^{\circ}45'$ . Depth 168 feet.

Mar. 14, 1947	61.31	Feb. 24, 1949	63.38	Jan. 23, 1951	65.07
Feb. 26, 1948	62.48	Feb. 15, 1950	63.90	Jan. 23, 1952	67.58

815. Lat.  $34^{\circ}27'$ , long.  $101^{\circ}43'$ .

Mar. 14, 1947	66.49	Feb. 15, 1950	73.48	Jan. 13, 1953	81.59
Mar. 11, 1948	69.00	Jan. 19, 1951	74.60		
Feb. 24, 1949	72.12	Jan. 24, 1952	78.40		

821. Lat.  $34^{\circ}25'$ , long.  $101^{\circ}47'$ . Depth 200 feet.

Dec. 8, 1945	88.80	Feb. 22, 1949	91.88	Jan. 21, 1952	98.65
Mar. 12, 1947	86.20	Feb. 16, 1950	93.89	Jan. 8, 1953	103.28
Feb. 28, 1948	87.88	Jan. 22, 1951	97.92		

## SWISHER COUNTY

823. Lat.  $34^{\circ}24'$ , long.  $101^{\circ}47'$ . Depth 206 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1947	78.89	Feb. 15, 1950	89.30	Jan. 21, 1952	89.30

830a. Lat.  $34^{\circ}21'$ , long.  $101^{\circ}48'$ .

Aug. 22, 1949	88.77	Jan. 21, 1952	99.80	Jan. 7, 1953	103.70
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858. Lat.  $34^{\circ}24'$ , long.  $101^{\circ}44'$ . Depth 200 feet.

Mar. 13, 1947	60.62	Feb. 17, 1950	67.50	Jan. 8, 1953	77.73
Feb. 23, 1948	70.36	Jan. 22, 1951	77.02		
Feb. 24, 1949	71.65	Jan. 24, 1952	74.95		

859a. Lat.  $34^{\circ}23'$ , long.  $101^{\circ}44'$ .

Feb. 24, 1949	70.29	Feb. 15, 1950	71.72	Jan. 22, 1951	74.63
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860a. Lat.  $34^{\circ}23'$ , long.  $101^{\circ}43'$ .

Feb. 24, 1949	70.50	Jan. 22, 1951	75.67	Jan. 9, 1953	87.10
Feb. 14, 1950	72.19	Jan. 24, 1952	82.44		

889. Lat.  $34^{\circ}23'$ , long.  $101^{\circ}40'$ .

Mar. 13, 1947	75.98	Feb. 15, 1950	79.60	Jan. 14, 1953	86.10
Feb. 23, 1948	76.88	Jan. 23, 1951	79.84		
Feb. 14, 1949	79.28	Jan. 24, 1952	81.96		

896. Lat.  $34^{\circ}26'$ , long.  $101^{\circ}42'$ . Depth 202 feet.

Mar. 14, 1947	55.23	Feb. 15, 1950	60.65	Jan. 13, 1953	65.24
Feb. 26, 1948	56.18	Jan. 19, 1951	63.48		
Mar. 3, 1949	58.43	Jan. 24, 1952	62.28		

## SWISHER COUNTY

914. Lat.  $34^{\circ}22'$ , long.  $101^{\circ}54'$ . Depth 200± feet.

Date	Water level	Date	Water level	Date	Water level
Dec. 12, 1945	95.40	Feb. 22, 1949	105.39	Jan. 21, 1952	112.97
Feb. 28, 1948	101.52	Jan. 22, 1951	115.99	Jan. 7, 1953	120.07

932. Lat.  $34^{\circ}26'$ , long.  $101^{\circ}53'$ . Depth 270 feet.

Mar. 30, 1943	93.10	Feb. 22, 1949	101.36	Jan. 8, 1953	112.90
Mar. 15, 1947	95.87	Jan. 22, 1951	105.97		
Mar. 1, 1948	98.80	Jan. 22, 1952	108.40		

935. Lat.  $34^{\circ}25'$ , long.  $101^{\circ}50'$ . Depth 208 feet.

Mar. 12, 1947	87.21	Feb. 16, 1950	92.75	Jan. 8, 1953	99.95
Mar. 1, 1948	90.20	Jan. 22, 1951	94.82		
Feb. 22, 1949	92.53	Jan. 21, 1952	97.50		

936. Lat.  $34^{\circ}25'$ , long.  $101^{\circ}50'$ . Depth 210 feet.

Mar. 12, 1947	92.68	Feb. 16, 1950	99.34	Jan. 8, 1953	108.25
Mar. 1, 1948	96.12	Jan. 22, 1951	101.98		
Feb. 22, 1949	98.68	Jan. 22, 1952	104.95		

947. Lat.  $34^{\circ}29'$ , long.  $101^{\circ}52'$ . Depth 243 feet.

Mar. 15, 1947	80.40	Feb. 23, 1949	82.06	Jan. 22, 1952	86.94
Mar. 1, 1948	81.60	Jan. 18, 1951	87.93	Jan. 8, 1953	91.26

951. Lat.  $34^{\circ}31'$ , long.  $101^{\circ}51'$ .

Mar. 15, 1947	67.97	Feb. 16, 1950	71.82	Jan. 22, 1952	72.86
Mar. 1, 1948	69.88	Jan. 18, 1951	72.88	Jan. 8, 1953	74.98

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Hydrographs of Swisher County wells showing minimum, average, and maximum fluctuations and annual precipitation at Tulia, Tex.

