

TEXAS BOARD OF WATER ENGINEERS

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BULLETIN 5302

RECORDS OF WATER-LEVEL MEASUREMENTS IN HALE COUNTY, TEXAS

1910 - 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

October 1953

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This bulletin contains measurements of the depths to water below land-surface datum in 157 wells in Hale County, Texas. A few early measurements made in 1914 by C. L. Baker, and some measurements made in 1910 and in 1915-17 by the Texas Land and Development Company are included. No water-level measurements are available for the years between 1917 and 1934. In 1936 engineers of the Resettlement Administration obtained water-level measurements that are also included in this bulletin.

In 1937 an inventory of water wells in Hale County, including depth-to-water measurements, was made cooperatively by the United States Geological Survey, the Texas Board of Water Engineers, and the Work Projects Administration. At that time a number of water wells were selected as observation wells and measurements of the water levels in these wells have been made cooperatively by the Texas Board of Water Engineers and the Geological Survey each year since 1937.

Where more than one water-level measurement was made in a one-month period, only the highest water level is given in this report. The accompanying map shows the location of the observation wells measured. Discussions of the water-level measurements and their relation to the ground water reservoir are given in several reports referred to in the list of publications found herein.

LIST OF PUBLICATIONS

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- _____, 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.
- _____, 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.

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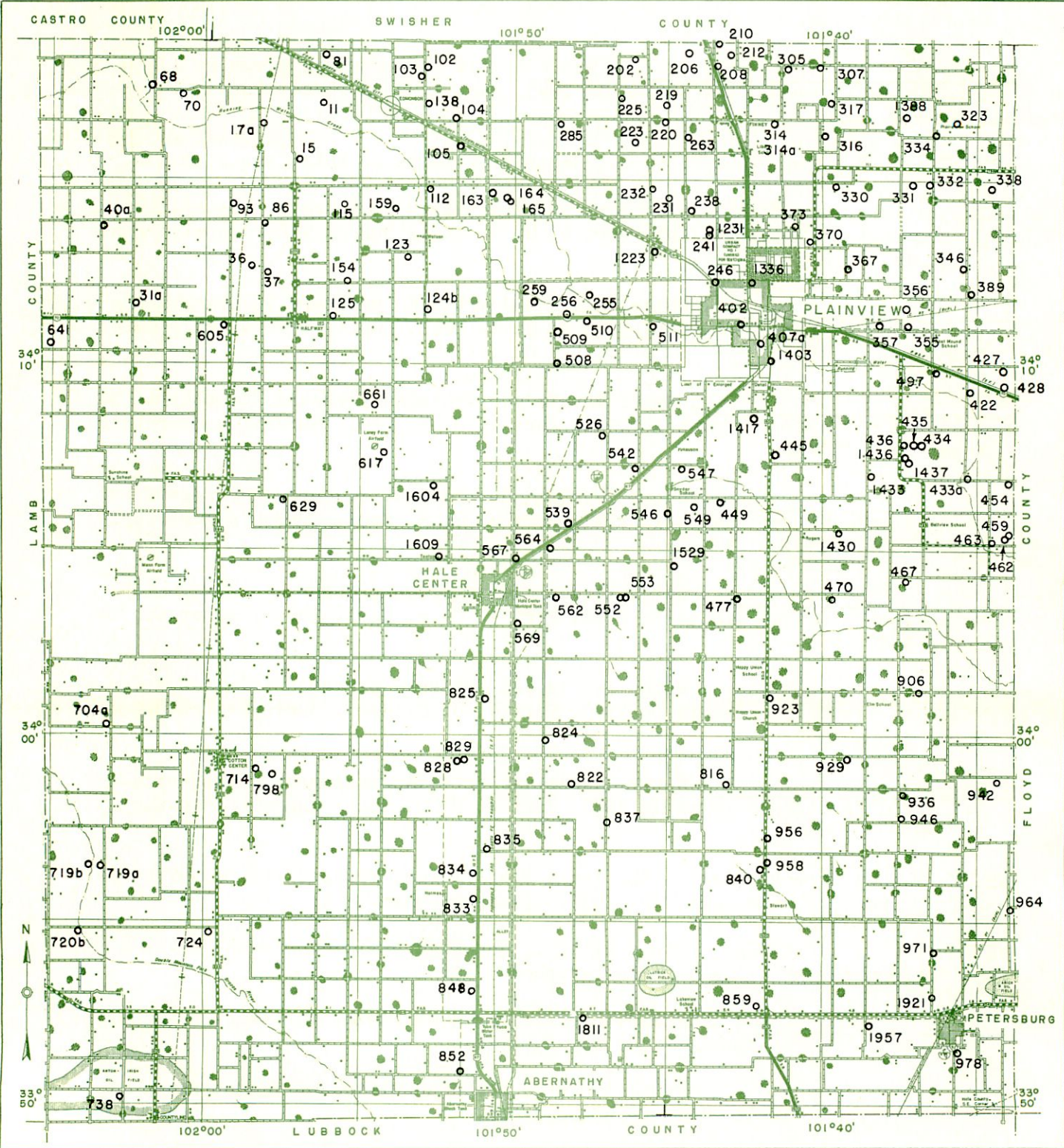
- MEINZER, O. E., and WENZEL, L. K., Water levels and artesian pressure in observation wells in the United States in 1942, Part 4, U. S. Geol. Survey Water-Supply Paper 947, 1944.
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- SAYRE, A. N., and OTHERS, Water levels and artesian pressure in observation wells in the United States in 1944, Part 4, U. S. Geol. Survey Water-Supply Paper 1019, 1947.
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- _____, Ground water in the High Plains of Texas, State Bd. of Water Engr., 1940. (Mimeographed.) a/

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

HALE COUNTY, TEXAS OBSERVATION WELLS

February 1953

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



Base map by the Texas State Highway Department

0 1 2 3 4 5 MILES

HALE COUNTY

11. Lat. 34°16', long. 101°56'.

Date	Water level	Date	Water level	Date	Water level
Apr. 25, 1936	37.6	Jan. 31, 1939	38.17	Jan. 17, 1941	40.11
May 8, 1937	37.13	Mar. 4	38.21	Mar. 8	40.19
June 8	36.29	July 7	38.33	Nov. 13	36.77
Aug. 19	36.92	Aug. 15	38.55	Feb. 27, 1942	37.50
Jan. 6, 1938	37.67	Oct. 2	38.80	Oct. 9	38.22
June 25	37.82	Dec. 1	39.07	Jan. 27, 1943	37.74
Aug. 10	38.09	Feb. 29, 1940	39.33	Feb. 7, 1944	39.00
Dec. 6	38.38	July 9	39.52	Feb. 23, 1945	40.00
Jan. 4, 1939	38.42	Nov. 16	40.03		

15. Lat. 34°15', long. 101°56'. Depth 100 feet.

Aug. 19, 1937	57.30	July 20, 1943	57.98	Feb. 23, 1949	64.54
Jan. 17, 1941	59.50	Feb. 3, 1944	58.58	Feb. 18, 1950	66.15
Nov. 13	58.62	Feb. 3, 1945	59.35	Jan. 17, 1951	67.60
Feb. 27, 1942	58.15	Feb. 25, 1946	60.19	Jan. 28, 1952	69.80
Oct. 9	58.16	Mar. 12, 1947	62.93	Jan. 12, 1953	76.28
Jan. 18, 1943	58.28	Feb. 20, 1948	62.52		

17a. Lat. 34°15', long. 101°56'. Depth 240 feet.

Apr. 2, 1942	57.35	Feb. 3, 1944	59.14	Feb. 23, 1949	62.72
Oct. 9	58.27	Feb. 25, 1946	60.76		
Jan. 27, 1943	57.50	Feb. 20, 1948	61.60		

31a. Lat. 34°11', long. 102°02'.

Mar. 12, 1948	68.71	Feb. 17, 1950	71.52	Jan. 29, 1952	74.00
Feb. 23, 1949	70.95	Jan. 17, 1951	71.74	Jan. 9, 1953	76.52

36. Lat. 34°12', long. 101°58'. Depth 202 feet.

May 19, 1936	77.53	Mar. 8, 1941	78.33	Jan. 21, 1947	81.60
June 8, 1937	77.72	Nov. 13	78.01	Mar. 12	81.34
Aug. 16	77.46	Feb. 28, 1942	77.53	Feb. 19, 1948	83.59
Jan. 6, 1938	76.88	Oct. 24	77.55	Feb. 23, 1949	86.15
May 31	77.39	Jan. 20, 1943	77.37	Feb. 18, 1950	87.59
June 27	77.49	Feb. 3, 1944	78.06	Jan. 29, 1952	92.83
Jan. 17, 1941	78.60	Feb. 25, 1946	79.38	Jan. 12, 1953	98.19

HALE COUNTY

37. Lat. $34^{\circ}12'$, long. $101^{\circ}58'$. Depth 75 feet.

Date	Water level	Date	Water level	Date	Water level
May 19, 1936	66.10	June 23, 1939	67.03	Nov. 16, 1940	67.87
June 8, 1937	66.70	Aug. 15	67.11	Jan. 17, 1941	67.95
Jan. 6, 1938	66.18	Nov. 20	67.22	Mar. 8	67.95
Jan. 4, 1939	66.90	Dec. 1	67.23		
Mar. 3	67.11	Mar. 27, 1940	67.30		

40a. Lat. $34^{\circ}13'$, long. $102^{\circ}03'$.

Feb. 23, 1949	79.90	Jan. 17, 1951	91.56	Jan. 29, 1952	90.70
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68. Lat. $34^{\circ}15'$, long. $102^{\circ}01'$. Depth 155 feet.

Sept. 26, 1939	66.90	Feb. 23, 1949	72.94	Jan. 9, 1953	81.47
Mar. 12, 1947	69.16	Jan. 17, 1951	74.40		
Feb. 19, 1948	70.60	Jan. 29, 1952	76.42		

70. Lat. $34^{\circ}18'$, long. $102^{\circ}00'$. Depth 161 feet.

Mar. 12, 1947	66.63	Feb. 23, 1949	70.89	Jan. 29, 1952	73.88
Feb. 19, 1948	69.54	Jan. 17, 1951	72.72	Jan. 9, 1953	78.67

81. Lat. $34^{\circ}19'$, long. $101^{\circ}56'$. Depth 202 feet.

Feb. 19, 1945	59.37	Feb. 20, 1948	62.91	Jan. 28, 1952	72.97
Feb. 25, 1946	60.12	Feb. 22, 1949	65.95	Jan. 9, 1953	77.40
Jan. 17, 1947	61.35	Feb. 18, 1950	68.11		
Mar. 10	60.74	Feb. 2, 1951	74.75		

86. Lat. $34^{\circ}13'$, long. $101^{\circ}58'$. Depth 224 feet.

Mar. 12, 1947	80.76	Feb. 23, 1949	87.19	Jan. 29, 1952	93.09
Feb. 19, 1948	82.98	Feb. 18, 1950	87.42	Jan. 12, 1953	103.35

HALE COUNTY

93. Lat. $34^{\circ}14'$, long. $101^{\circ}59'$. Depth 196 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1947	85.95	Feb. 18, 1950	93.27	Jan. 12, 1953	104.50
Feb. 19, 1948	89.04	Jan. 17, 1951	95.41		
Feb. 23, 1949	92.86	Jan. 29, 1952	99.12		

102. Lat. $34^{\circ}17'$, long. $101^{\circ}52'$.

	1936	48.70	Dec. 1, 1937	48.76	Oct. 2, 1939	49.32
May 3,	1937	48.90	Jan. 5, 1938	48.65	Dec. 1	49.63
May 21		49.11	Mar. 12	48.86	Mar. 5, 1940	49.69
June 8		49.17	Apr. 12	48.84	July 9	50.24
July 7		49.94	June 25	49.14	Nov. 16	50.89
July 28		48.96	Aug. 10	49.04	Jan. 17, 1941	50.93
Aug. 11		48.95	Oct. 10	48.99	Mar. 8	50.70
Aug. 24		49.06	Dec. 6	48.99	July 24	50.30
Sept. 10		49.21	Mar. 4, 1939	49.04	Nov. 13	49.84
Oct. 1		49.06	June 24	49.20	Feb. 28, 1942	49.45
Nov. 2		48.87	Aug. 15	49.25		

103. Lat. $34^{\circ}17'$, long. $101^{\circ}53'$. Depth 202 feet.

Apr. 24, 1936	48.61	Oct. 2, 1939	45.71	Feb. 3, 1944	45.42
June 8, 1937	47.08	Dec. 1	45.80	Feb. 24, 1945	46.90
July 28	46.45	Mar. 5, 1940	45.89	Feb. 25, 1946	47.91
Oct. 1	46.04	Nov. 16	46.68	Jan. 21, 1947	50.38
Jan. 5, 1938	44.89	Jan. 17, 1941	46.80	Mar. 10	50.20
Mar. 12	45.61	Mar. 8	46.65	Feb. 20, 1948	53.25
June 25	45.89	Nov. 3	45.59	Feb. 19, 1950	55.31
Mar. 4, 1939	45.27	Feb. 28, 1942	45.05	Jan. 18, 1951	56.51
June 24	45.47	Oct. 9	44.95	Jan. 28, 1952	58.14
Aug. 15	46.18	Jan. 27, 1943	44.33	Jan. 9, 1953	62.14

104. Lat. $34^{\circ}16'$, long. $101^{\circ}52'$. Depth 186 feet.

Mar. 12, 1947	53.58	Feb. 22, 1949	58.42	Jan. 28, 1952	64.68
Feb. 20, 1948	55.69	Feb. 18, 1950	60.38	Jan. 9, 1953	67.40

HALE COUNTY

105. Lat. 34°15', long. 101°51'. Depth 290 feet.

Date	Water level	Date	Water level	Date	Water level
Apr. 18, 1934	48.80	Jan. 4, 1939	50.29	Oct. 9, 1942	50.16
Mar. 18, 1937	49.00	31	49.94	Jan. 27, 1943	48.80
July 28	52.24	Mar. 4	49.70	Feb. 3, 1944	49.20
Aug. 11	52.54	June 24	54.04	Feb. 24, 1945	50.83
Jan. 5, 1938	49.46	Dec. 1	51.65	Feb. 25, 1946	52.94
Mar. 12	48.87	Feb. 29, 1940	50.44	Feb. 20, 1948	56.19
Apr. 12	49.63	Nov. 16	55.27	Feb. 22, 1949	62.10
June 25	55.68	Jan. 17, 1941	52.08	Feb. 18, 1950	63.05
Aug. 4	77.60	Mar. 8	51.63	Jan. 18, 1951	64.42
Aug. 10	56.65	July 24	51.15	Jan. 28, 1952	67.05
Oct. 19	52.83	Nov. 13	50.57	Jan. 12, 1953	70.67
Dec. 6,	50.66	Feb. 28, 1942	49.48		

112. Lat. 34°14', long. 101°52'. Depth 81 feet.

July 28, 1937	51.68	June 24, 1938	52.90	Dec. 1, 1939	53.96
Aug. 11	51.68	Aug. 10	53.24	Feb. 29, 1940	54.30
Sept. 10	51.67	Oct. 19	53.30	July 9	54.60
Oct. 1	52.01	Jan. 31, 1939	52.90	Nov. 16	60.15
Nov. 2	52.24	Mar. 4	52.95	Jan. 17, 1941	56.22
Dec. 1	52.38	Apr. 3	53.00	Mar. 8	56.14
Jan. 6, 1938	52.49	June 23	53.42	July 24	53.94
Mar. 12	52.57	Aug. 15	53.40	Nov. 13	52.57
Apr. 12	52.70	Oct. 2	53.63	Feb. 28, 1942	52.13

115. Lat. 34°14', long. 101°54'.

Apr. 25, 1936	53.18	Dec. 6, 1938	55.07	Nov. 16, 1940	58.65
May 8, 1937	54.16	Jan. 31, 1939	55.01	Jan. 17, 1941	58.05
June 8	54.40	Mar. 4	54.86	Nov. 13	57.72
July 17	54.20	June 23	56.05	Feb. 28, 1942	56.23
Aug. 19	54.34	Aug. 15	56.59	July 2	56.79
Jan. 6, 1938	53.73	Oct. 2	57.17	Feb. 11, 1943	54.64
Apr. 12	54.36	Dec. 1	56.82	Feb. 2, 1944	56.26
June 25	55.06	Feb. 29, 1940	56.42	Feb. 23, 1945	59.60
Aug. 10	55.26	July 9	57.92		
Oct. 19	55.42	Oct. 29	58.92		

HALE COUNTY

123. Lat. 34°12', long. 101°53'. Depth 280 feet.

Date	Water level	Date	Water level	Date	Water level
1914	61.50	Aug. 15, 1939	63.46	Jan. 18, 1943	61.60
Apr. 21, 1936	59.81	Oct. 2	63.96	Feb. 3, 1944	63.19
June 8, 1937	61.90	Dec. 1	62.10	Feb. 23, 1945	64.80
July 28	60.89	Mar. 5, 1940	62.09	Feb. 26, 1946	65.46
Jan. 6, 1938	60.60	Nov. 16	65.30	Jan. 21, 1947	67.07
Mar. 12	60.20	Jan. 17, 1941	63.70	Mar. 12	70.56
Apr. 12	60.90	Mar. 8	63.38	Jan. 17, 1948	69.56
June 24	61.47	July 24	63.21	Feb. 20	69.64
Oct. 19	61.80	Nov. 13	62.81	Feb. 23, 1949	72.68
Jan. 4, 1939	61.23	Feb. 28, 1942	62.02	Feb. 15, 1950	73.01
Mar. 3	61.08	Oct. 9	62.41		

124b. Lat. 34°11', long. 101°52'.

Jan. 17, 1940	72.51	Feb. 11, 1943	71.29	Jan. 21, 1947	78.70
July 24, 1941	72.41	Feb. 3, 1944	70.43	Feb. 19, 1948	79.53
Feb. 28, 1942	73.47	Feb. 23, 1945	73.92	Feb. 23, 1949	82.64
Oct. 24	72.63	Feb. 26, 1946	76.79	Jan. 8, 1953	96.35

125. Lat. 34°11', long. 101°55'.

June 15, 1937	79.47	Mar. 3, 1939	79.53	Feb. 8, 1942	81.28
July 22	79.04	June 23	80.94	July 25	82.31
Aug. 30	78.81	Aug. 15	81.29	Oct. 24	82.45
Jan. 6, 1938	78.20	Oct. 2	81.45	Feb. 22, 1945	83.10
Apr. 12	79.05	Dec. 1	80.86	Feb. 26, 1946	85.23
May 31	80.08	Mar. 27, 1940	80.99	Mar. 12, 1947	86.55
June 24	79.70	Nov. 13	83.54	Feb. 19, 1948	88.35
Aug. 15	79.64	Mar. 8, 1941	82.29	Feb. 23, 1949	91.65
Dec. 6	79.83	July 24	82.38	Feb. 17, 1950	92.15
Jan. 4, 1939	79.74	Nov. 13	81.84	Jan. 28, 1952	96.22

138. Lat. 34°17', long. 101°52'. Depth 200 feet.

Mar. 12, 1947	50.02	Feb. 22, 1949	54.25	Jan. 28, 1952	58.37
Feb. 20, 1948	51.40	Jan. 18, 1951	56.92	Jan. 9, 1953	61.85

HALE COUNTY

154. Lat. $34^{\circ}12'$, long. $101^{\circ}55'$. Depth 238 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1947	68.56	Feb. 23, 1949	72.19	Jan. 28, 1952	76.85
Feb. 19, 1948	70.72	Jan. 17, 1951	77.23	Jan. 12, 1953	81.06

159. Lat. $34^{\circ}14'$, long. $101^{\circ}53'$. Depth 200 feet.

Mar. 12, 1947	67.86	Jan. 29, 1952	77.22	Jan. 12, 1953	85.20
Feb. 23, 1949	73.99				

163. Lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Depth 182 feet.

Mar. 26, 1943	48.06	Jan. 16, 1947	57.36	Feb. 18, 1950	65.24
Feb. 9, 1944	49.69	Mar. 10	56.68	Jan. 17, 1951	65.89
Feb. 19, 1945	51.11	Feb. 22, 1949	62.27	Jan. 28, 1952	68.35
Feb. 26, 1946	53.81	Mar. 29	61.95	Jan. 12, 1953	73.40

164. Lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Depth 172 feet.

Mar. 17, 1940	50.70	Jan. 16, 1947	59.71	Jan. 17, 1951	74.19
Mar. 26, 1943	52.71	Mar. 10	58.54	Jan. 28, 1952	70.65
Feb. 9, 1944	52.12	Feb. 20, 1948	61.22	Jan. 12, 1953	76.70
Feb. 19, 1945	53.13	Mar. 29, 1949	63.91		
Feb. 26, 1946	56.30	Feb. 18, 1950	66.62		

165. Lat. $34^{\circ}14'$, long. $101^{\circ}50'$. Depth 240 feet.

Nov. 20, 1939	51.83	Feb. 26, 1946	57.24	Feb. 22, 1949	65.65
Mar. 26, 1943	51.70	Jan. 17, 1947	60.55	Feb. 15, 1950	67.09
Feb. 2, 1944	53.50	Mar. 10	59.65	Jan. 28, 1952	71.44
Feb. 20, 1945	54.32	Feb. 20, 1948	62.74	Jan. 12, 1953	77.75

HALE COUNTY

202. Lat. 34°19', long. 101°46'. Depth 256 feet.

Date	Water level	Date	Water level	Date	Water level
Apr. 29, 1916	60.50	Apr. 11, 1938	65.68	Feb. 7, 1944	66.64
Apr. 18, 1934	62.60	June 21	65.90	Feb. 24, 1945	67.22
May 11, 1936	66.29	Sept. 15	65.92	Feb. 27, 1946	68.52
Aug. 24, 1937	66.15	Dec. 8	65.14	Jan. 17, 1947	70.66
Sept. 10	66.14	Feb. 28, 1939	64.56	Mar. 13	70.63
Oct. 1	64.63	June 16	68.30	Feb. 20, 1948	73.68
Nov. 2	64.15	Oct. 2	66.58	Mar. 7, 1949	77.68
Dec. 3	63.80	Feb. 27, 1942	65.77	Feb. 14, 1950	80.18
Jan. 5, 1938	63.69	Oct. 12	66.30	Jan. 28, 1952	84.94
Mar. 11	63.66	Jan. 27, 1943	65.44	Jan. 9, 1953	90.08

206. Lat. 34°19', long. 101°44'. Depth 165 feet.

Sept. 8, 1916	62.00	Mar. 5, 1940	69.16	Feb. 24, 1945	72.48
May 11, 1936	70.23	Nov. 15	71.50	Feb. 27, 1946	74.21
June 10, 1937	69.72	Jan. 16, 1941	70.87	Mar. 13, 1947	77.45
Sept. 14	71.10	Mar. 10	68.10	Feb. 21, 1948	79.16
Jan. 5, 1938	67.46	Nov. 5	71.06	Mar. 4, 1949	82.40
Apr. 11	66.96	Feb. 27, 1942	70.12	Jan. 19, 1951	83.24
Jan. 6, 1939	67.71	Oct. 13	71.53	Jan. 28, 1952	88.20
Mar. 1	67.55	Jan. 26, 1943	70.56	Jan. 9, 1953	92.61
Dec. 1	69.85	Feb. 10, 1944	72.18		

208. Lat. 34°19', long. 101°43'. Depth 265 feet.

Jan. 6, 1916	54.70	Nov. 15, 1940	68.90	Feb. 24, 1945	68.85
May 7, 1936	65.65	Jan. 16, 1941	68.22	Feb. 27, 1946	68.67
Sept. 14, 1937	67.19	Mar. 10	67.88	Mar. 13, 1947	73.02
Apr. 11, 1938	65.10	May 31	68.03	Feb. 21, 1948	72.63
Sept. 15	65.10	July 25	67.55	Mar. 4, 1949	75.60
Jan. 6, 1939	65.43	Nov. 5	67.75	Feb. 14, 1950	77.96
Mar. 1	65.14	Feb. 26, 1942	67.94	Jan. 18, 1951	79.52
Oct. 3	67.85	Oct. 13	67.30	Jan. 28, 1952	80.60
Dec. 1	66.81	Jan. 26, 1943	66.61	Jan. 9, 1953	85.36
Mar. 5, 1940	66.28	Feb. 10, 1944	68.01		

HALE COUNTY

210. Lat. 34°19', long. 101°43'. Depth 206 feet.

Date	Water level	Date	Water level	Date	Water level
May 7, 1936	62.06	Dec. 1, 1939	64.58	Jan. 26, 1943	64.25
June 10, 1937	64.25	Mar. 5, 1940	64.26	Feb. 10, 1944	66.76
Jan. 5, 1938	63.44	Sept. 18	66.15	Feb. 24, 1945	67.60
Apr. 9	62.97	28	66.10	Feb. 27, 1946	69.84
May 27	63.65	Nov. 15	65.99	Jan. 17, 1947	73.00
June 27	63.44	Jan. 16, 1941	65.71	Mar. 13	72.58
Dec. 8	63.70	Mar. 10	65.52	Feb. 21, 1948	74.84
Jan. 6, 1939	63.55	May 31	65.48	Mar. 4, 1949	76.57
Mar. 1	63.34	July 25	65.37	Feb. 14, 1950	78.32
June 16	63.87	Nov. 5	65.49	Jan. 18, 1951	84.86
Aug. 10	65.09	Feb. 5, 1942	65.07	Jan. 28, 1952	82.17
Oct. 3	64.80	Oct. 13, 1942	65.85	Jan. 9, 1953	86.42

212. Lat. 34°19', long. 101°42'. Depth 171 feet.

Sept. 12, 1914	51.50	Nov. 15, 1940	68.37	Feb. 27, 1946	66.09
Mar. 30, 1938	61.52	Jan. 18, 1941	65.80	Mar. 13, 1947	68.28
June 21	63.72	Nov. 5	64.42	Feb. 21, 1948	69.90
Oct. 19	66.23	Feb. 25, 1942	62.78	Mar. 4, 1949	72.20
Jan. 6, 1939	62.74	Oct. 13	65.09	Feb. 14, 1950	74.25
Oct. 3	72.63	Jan. 26, 1943	62.74	Jan. 18, 1951	75.70
Dec. 1	66.25	Feb. 10, 1944	64.26	Jan. 28, 1952	76.57
Mar. 5, 1940	62.89	Feb. 24, 1945	64.82	Jan. 9, 1953	81.22

219. Lat. 34°17', long. 101°45'. Depth 251 feet.

Apr. 6, 1916	53.50	Mar. 7, 1949	76.43	Jan. 28, 1952	82.36
Mar. 13, 1947	70.44	Feb. 14, 1950	78.63	Jan. 9, 1953	88.69
Feb. 20, 1948	73.50	Jan. 18, 1951	80.38		

220. Lat. 34°16', long. 101°44'. Depth 252 feet.

July 7, 1916	46.00	Feb. 28, 1939	53.47	Feb. 7, 1944	56.70
Apr. 18, 1934	49.48	Dec. 1	55.65	Feb. 24, 1945	57.07
Sept. 13, 1937	55.12	Mar. 5, 1940	54.90	Mar. 13, 1947	62.57
Dec. 3	52.60	Nov. 7	57.62	Feb. 20, 1948	65.30
Jan. 5, 1938	52.35	Jan. 16, 1941	56.86	Feb. 7, 1949	68.94
Mar. 12	52.96	Mar. 10	56.58	Feb. 14, 1950	71.02
Apr. 11	52.69	Nov. 4	56.12	Jan. 18, 1951	72.83
June 21	54.94	Feb. 27, 1942	54.77	Jan. 28, 1952	74.70
Oct. 18	54.62	Oct. 12, 1942	56.34	Jan. 9, 1953	81.22
Jan. 4, 1939	54.20	Jan. 27, 1943	55.40		

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223. Lat. 34°16', long. 101°46'. Depth 273 feet.

Date	Water level	Date	Water level	Date	Water level
Dec. 23, 1916	43.00	Oct. 18, 1938	51.77	Jan. 27, 1943	52.23
Apr. 24, 1936	47.87	Feb. 28, 1939	50.63	Feb. 7, 1944	53.25
May 3, 1937	53.45	Oct. 2	56.16	Feb. 24, 1945	54.37
June 10	50.68	Dec. 1	52.87	Feb. 27, 1946	56.34
July 16	49.86	Mar. 5, 1940	52.05	Jan. 17, 1947	60.85
July 28	50.89	Nov. 7	55.44	Mar. 13	60.21
Oct. 1	51.23	Jan. 16, 1941	54.10	Feb. 14, 1950	70.74
Nov. 2	50.42	Mar. 10	53.66	Jan. 18, 1951	73.68
Mar. 12	50.02	Nov. 4	53.04	Jan. 18, 1952	75.35
Apr. 11	50.14	Feb. 27, 1942	52.13	Jan. 9, 1953	80.94
June 24, 1938	51.21	Oct. 12	53.45		

225. Lat. 34°17', long. 101°46'. Depth 212 feet.

Mar. 13, 1947	62.07	Mar. 7, 1949	68.88	Jan. 28, 1952	76.65
Feb. 20, 1948	65.26	Jan. 18, 1951	74.29	Jan. 9, 1953	82.64

231. Lat. 34°14', long. 101°45'.

May 24, 1936	43.60	Jan. 5, 1938	44.97	Feb. 28, 1939	45.24
Apr. 22, 1937	44.35	Mar. 12	44.80	June 16	45.57
June 10	44.60	Apr. 11	44.76	Aug. 16	45.91
July 16	44.72	June 21	45.12	Oct. 2	46.21
Aug. 24	44.60	Aug. 10	45.26	Dec. 1	46.54
Oct. 1	44.91	Oct. 18	45.42	Mar. 5, 1940	46.64
Nov. 2	44.99	Dec. 8	45.42		
Dec. 1	44.96	Jan. 4, 1939	45.37		

232. Lat. 34°14', long. 101°45'.

1914	39.08	Jan. 4, 1939	46.45	Mar. 5, 1947	56.78
Apr. 24, 1936	47.80	Mar. 5, 1940	48.55	Feb. 20, 1948	68.13
June 10, 1937	47.86	Nov. 7	55.89	Mar. 12	63.42
July 16	48.84	Jan. 16, 1941	51.64	Mar. 7, 1949	68.91
July 28	47.55	Mar. 10	50.60	Feb. 14, 1950	79.80
Aug. 11	58.60	Jan. 27, 1943	48.50	Jan. 18, 1951	75.91
Jan. 5, 1938	45.69	Feb. 7, 1944	49.37	Jan. 21, 1952	76.60
Apr. 11	45.42	Feb. 24, 1945	50.45	Jan. 9, 1953	82.19
June 21	49.69	Feb. 27, 1946	66.85		

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238. Lat. $34^{\circ}14'$, long. $101^{\circ}44'$. Depth 180 feet.

Date	Water level	Date	Water level	Date	Water level
1914	42.00	June 16, 1939	46.30	Feb. 23, 1944	49.00
Apr. 23, 1936	43.90	Aug. 14	46.37	Feb. 24, 1945	50.17
June 15	43.09	Oct. 2	46.72	Feb. 26, 1946	52.56
June 10, 1937	46.63	Dec. 1	46.85	Jan. 17, 1947	55.57
Sept. 3	49.59	Mar. 5, 1940	46.78	Mar. 5	55.40
Jan. 5, 1938	45.54	Nov. 7	49.18	Feb. 20, 1948	58.12
Mar. 12	45.36	Jan. 18, 1941	48.83	Feb. 28, 1949	63.15
Apr. 11	45.46	Mar. 10	48.69	Feb. 14, 1950	65.30
June 21	45.71	Nov. 5	48.11	Jan. 18, 1951	68.40
Oct. 18	45.90	Feb. 24, 1942	47.41	Jan. 21, 1952	71.53
Jan. 4, 1939	45.82	Oct. 12	48.25	Jan. 8, 1953	77.69
Feb. 28	45.78	Jan. 27, 1943	47.92		

241. Lat. $34^{\circ}13'$, long. $101^{\circ}43'$. Depth 198 feet.

Sept. 14, 1937	47.86	Feb. 28, 1949	69.93	Jan. 9, 1953	83.65
Mar. 13, 1947	61.24	Jan. 16, 1951	82.75		
Feb. 20, 1948	65.38	Jan. 21, 1952	78.95		

246. Lat. $34^{\circ}12'$, long. $101^{\circ}43'$.

May 9, 1936	45.24	Sept. 15	47.26	July 24, 1941	50.48
Apr. 22, 1937	45.45	Oct. 17	47.40	Oct. 16	49.98
June 4	45.75	Dec. 6	47.54	July 2, 1942	49.82
Aug. 8	45.77	Jan. 4, 1939	47.47	Oct. 12	50.48
July 13	45.70	Feb. 28	47.28	Jan. 27, 1943	49.16
Aug. 11	45.75	June 16	47.74	Feb. 3, 1944	51.98
Sept. 10	45.77	Aug. 14	49.00	Feb. 21, 1945	53.25
Oct. 1	46.08	Oct. 2	50.37	Feb. 26, 1946	57.63
Nov. 2	46.22	Dec. 1	49.97	Jan. 16, 1947	62.00
Jan. 5, 1938	46.22	Feb. 29, 1940	49.15	Mar. 5	62.36
Mar. 12	46.18	Oct. 27	53.70	Jan. 17, 1948	66.36
Apr. 11	46.45	Nov. 7	54.12	Feb. 20	66.62
June 2	46.84	Jan. 16, 1941	51.41	Feb. 22, 1949	70.97
Aug. 10	47.16	Mar. 4	51.05		

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255. Lat. $34^{\circ}11'$, long. $101^{\circ}47'$. Depth 72 feet.

Date	Water level	Date	Water level	Date	Water level
1910	20.00	Apr. 3, 1939	18.75	Feb. 3, 1944	19.63
1914	20.00	July 19	18.75	Feb. 23, 1945	21.58
Aug. 16, 1937	17.59	Oct. 2	42.50	Feb. 27, 1946	24.26
Apr. 12, 1938	18.65	Dec. 1	20.21	Mar. 21, 1947	26.92
June 2	18.69	Feb. 29, 1940	20.24	Feb. 19, 1948	27.80
Aug. 10	18.96	Nov. 13	21.62	Feb. 23, 1949	31.70
Dec. 9	18.73	Jan. 17, 1941	21.20	Jan. 17, 1951	35.80
Jan. 16, 1939	18.32	Mar. 8	21.24	Jan. 29, 1952	37.80
Jan. 31	18.44	Oct. 8, 1942	17.03	Jan. 9, 1953	45.45
Mar. 4	18.75	Jan. 20, 1943	16.69		

256. Lat. $34^{\circ}11'$, long. $101^{\circ}48'$.

Apr. 27, 1936	40.43	July 19, 1939	39.97	July 24, 1941	38.65
Apr. 22, 1937	39.88	Oct. 2	40.50	Nov. 21	37.61
May 21	40.15	Dec. 1	40.79	Feb. 28, 1942	37.58
June 8	39.82	Feb. 29, 1940	40.92	Oct. 8	38.25
Aug. 25	38.94	July 9	41.33	Jan. 20, 1943	38.26
Sept. 10	38.94	Nov. 13	41.99	Feb. 2, 1944	40.42
Oct. 1	38.77	Jan. 17, 1941	42.01	Feb. 23, 1945	42.00
Nov. 2	38.82	Mar. 8	42.02		
June 23, 1939	40.09	June 2	41.38		

259. Lat. $34^{\circ}11'$. long. $101^{\circ}49'$. Depth 85 feet.

1914	21.70	Mar. 26, 1939	16.78	Oct. 24, 1942	14.88
1936	17.40	June 23	16.92	Jan. 20, 1943	14.83
June 7, 1937	15.99	July 19	19.54	Feb. 3, 1944	17.46
Aug. 25	15.88	Oct. 2	17.72	Feb. 23, 1945	19.00
Jan. 6, 1938	15.48	Dec. 1	17.74	Feb. 27, 1946	20.93
Mar. 12	15.77	Feb. 29, 1940	17.89	Jan. 21, 1947	21.34
Apr. 12	15.97	Nov. 13	19.71	Mar. 21	21.93
May 31	16.22	Jan. 17, 1941	18.70	Feb. 19, 1948	24.27
June 27	16.20	Mar. 8	18.85	Feb. 22, 1949	27.99
Dec. 6	16.52	June 2	17.26	Jan. 17, 1951	36.92
Jan. 31, 1939	16.46	Nov. 13	13.32	Jan. 28, 1952	39.08
Mar. 3	16.61	Feb. 28, 1942	14.28	Jan. 8, 1953	43.64

HALE COUNTY

263. Lat. 34°17', long. 101°44'. Depth 60 feet.

Date	Water level	Date	Water level	Date	Water level
July 17, 1937	42.05	Dec. 4, 1939	44.82	May 31, 1941	46.43
Aug. 9	42.33	Jan. 7, 1940	44.87	June 7	46.17
Sept. 13	42.84	Feb. 21	44.86	July 22	45.40
Nov. 30	42.62	Mar. 28	44.83	Aug. 6	45.52
Jan. 10, 1938	42.81	Apr. 7	44.86	Oct. 28	45.68
Apr. 11	42.98	May 7	44.98	Nov. 17	45.25
June 21	43.37	June 27	45.25	Feb. 27, 1942	44.37
Aug. 10	43.00	July 7	45.30	Mar. 6	44.34
Oct. 18	43.33	Aug. 7	45.48	July 23	45.16
Dec. 8	43.47	Sept. 7	45.68	Sept. 12	46.60
Mar. 1, 1939	43.46	Oct. 7	46.03	Oct. 12	46.46
June 16	43.79	Nov. 7	46.17	Nov. 7	46.22
Aug. 10	44.11	Dec. 7	46.24	Jan. 26, 1943	45.64
Oct. 2	44.46	Jan. 16, 1941	46.31	Feb. 7, 1944	46.80
Nov. 2	44.73	Feb. 24	46.31		
Nov. 29	44.81	Mar. 3	46.31		

285. Lat. 34°16', long. 101°48'. Depth 237 feet.

Mar. 12, 1948	59.39	Jan. 18, 1951	72.91	Jan. 9, 1953	76.03
Mar. 7, 1949	63.27	Jan. 28, 1952	70.75		

305. Lat. 34°19', long. 101°41'. Depth 272 feet.

Apr. 2, 1917	47.00	Dec. 8, 1939	68.91	Feb. 10, 1944	69.12
Sept. 16, 1937	68.32	Mar. 5, 1940	68.09	Feb. 24, 1945	69.65
Mar. 30, 1938	66.10	Nov. 15	70.96	Feb. 27, 1946	73.42
May 27	66.84	Jan. 16, 1941	70.17	Mar. 13, 1947	76.38
June 27	66.87	Mar. 10	69.68	Feb. 21, 1948	78.42
Dec. 8	66.97	July 25	69.41	Mar. 4, 1949	83.14
Mar. 1, 1939	66.41	Nov. 5	69.20	Feb. 14, 1950	84.40
June 16	68.16	Feb. 24, 1942	68.40	Jan. 18, 1951	94.79
Oct. 3	69.68	Oct. 13	68.86	Jan. 28, 1952	87.73
Oct. 24	69.45	Jan. 26, 1943	68.10	Jan. 10, 1953	92.76

HALE COUNTY

307. Lat. $34^{\circ}19'$, Long. $101^{\circ}40'$. Depth 165 feet.

Date	Water Level	Date	Water Level	Date	Water Level
May 14, 1915	55.00	Mar. 5, 1940	63.57	Feb. 24, 1945	66.12
Apr. 18, 1934	60.14	Nov. 15	66.90	Feb. 27, 1946	67.83
Sept. 16, 1937	65.03	Jan. 16, 1941	65.55	Jan. 17, 1947	70.10
Mar. 30, 1938	61.92	Mar. 10	65.03	Mar. 13	69.92
May 27	65.60	July 25	64.69	Feb. 21, 1948	72.67
June 27	63.06	Nov. 5	64.70	Mar. 4, 1949	76.40
Dec. 8	62.88	Feb. 25, 1942	63.85	Feb. 14, 1950	81.20
Jan. 6, 1939	62.77	Oct. 13	64.91	Jan. 18, 1951	77.70
Mar. 1	62.44	Jan. 26, 1943	64.00		
Dec. 8	64.65	Feb. 10, 1944	65.70		

314. Lat. $34^{\circ}16'$, Long. $101^{\circ}41'$.

Apr. 23, 1936	42.09	Aug. 11, 1938	43.96	Dec. 8, 1939	45.75
May 3, 1937	43.03	Sept. 15	44.20	Mar. 5, 1940	45.24
July 13	43.12	Oct. 18	44.25	Nov. 15	48.42
Aug. 26	43.45	Dec. 8	44.01	Jan. 16, 1941	46.98
Sept. 14	43.54	Jan. 6, 1939	43.95	Mar. 10	46.70
Oct. 4	43.50	Feb. 28	43.78	July 25	46.25
Dec. 3	43.35	June 16	44.75	Oct. 16	46.54
Mar. 30, 1938	43.24	July 24	44.88	Feb. 25, 1942	45.59
May 27	44.02	Aug. 14	45.14		
June 21	44.03	Oct. 3	45.79		

314a. Lat. $36^{\circ}14'$, Long. $101^{\circ}41'$.

Oct. 12, 1942	49.21	Feb. 24, 1945	52.60	Feb. 14, 1950	63.52
Jan. 27, 1943	49.02	Feb. 28, 1946	53.12	Jan. 28, 1952	69.10

316. Lat. $34^{\circ}18'$, Long. $101^{\circ}40'$.

Apr. 23, 1936	46.70	Dec. 8, 1938	47.67	Feb. 25, 1942	49.50
June 10, 1937	47.16	Jan. 6, 1939	47.69	Oct. 23	50.01
Sept. 14	47.28	Feb. 28	47.73	Jan. 26, 1943	49.82
Oct. 4	47.31	June 16	47.81	Feb. 10, 1944	50.88
Nov. 1	47.35	July 20	47.86	Feb. 24, 1945	51.99
Dec. 3	47.38	Aug. 14	47.90	Feb. 27, 1946	54.79
Jan. 5, 1938	47.40	Oct. 3	47.99	Mar. 13, 1947	57.37
Mar. 12	47.44	Dec. 8	48.11	Feb. 21, 1948	60.58
Apr. 11	47.46	Mar. 5, 1940	48.27	Mar. 4, 1949	63.96
May 27	47.49	Nov. 15	49.08	Feb. 14, 1950	65.67
June 27	47.53	Jan. 16, 1941	49.32	Jan. 18, 1951	67.51
Aug. 11	47.57	Mar. 10	49.42	Jan. 28, 1952	69.51
Sept. 15	47.61	July 25	49.92	Jan. 10, 1953	72.87
Oct. 18	47.64	Oct. 16	49.76		

HALE COUNTY

317. Lat. 34°17', long. 101°38'. Depth 232 feet.

Date	Water level	Date	Water level	Date	Water level
Aug. 5, 1916	44.00	July 18, 1939	51.32	Feb. 10, 1944	52.93
Apr. 18, 1934	47.91	Oct. 24	51.36	Feb. 24, 1945	53.97
Sept. 16, 1937	50.69	Dec. 8	51.78	Feb. 27, 1946	55.10
Jan. 5, 1938	49.63	Mar. 5, 1940	50.82	Jan. 17, 1947	57.50
Mar. 12	49.56	Oct. 27	52.40	Mar. 13	58.92
Apr. 11	49.58	Nov. 15	52.16	Jan. 17, 1948	60.76
June 27	50.77	Jan. 16, 1941	52.04	Feb. 21	60.68
Sept. 15	51.66	Mar. 10	51.92	Mar. 4, 1949	63.94
Oct. 18	50.62	July 25	51.43	Feb. 14, 1950	65.46
Dec. 8	50.09	Oct. 16	51.76	Jan. 18, 1951	66.83
Jan. 6, 1939	50.07	Feb. 25, 1942	51.52	Jan. 28, 1952	68.35
Feb. 28	50.03	Oct. 23	52.25	Jan. 10, 1953	71.99
June 16	54.40	Jan. 26, 1943	51.66		

323. Lat. 34°16', long. 101°35'. Depth 224 feet.

Mar. 19, 1947	70.40	Mar. 7, 1949	73.93	Jan. 25, 1952	79.91
Feb. 21, 1948	71.40	Feb. 14, 1950	76.10	Jan. 11, 1953	84.43

330. Lat. 34°14', long. 101°39'. Depth 220 feet.

1914	42.00	Sept. 15, 1938	45.66	Oct. 23, 1942	46.76
Apr. 23, 1936	44.59	Oct. 18	45.32	Jan. 26, 1943	46.78
June 10, 1937	44.85	Dec. 8	45.24	Feb. 10, 1944	47.34
July 13	44.73	Jan. 6, 1939	45.32	Feb. 24, 1945	48.91
Aug. 26	44.75	Feb. 28	45.51	Feb. 27, 1946	50.25
Oct. 4	44.85	July 20	45.80	Jan. 17, 1947	52.17
Nov. 1	44.89	Aug. 14	45.75	Mar. 13	53.30
Dec. 3	44.84	Dec. 8	47.24	Feb. 21, 1948	57.00
Jan. 5, 1938	44.89	Mar. 5, 1940	46.03	Mar. 7, 1949	61.21
Mar. 12	45.38	Nov. 15	46.68	Feb. 14, 1950	62.82
Apr. 11	45.44	Jan. 16, 1941	46.60	Jan. 18, 1951	64.72
May 27	45.44	Mar. 10	46.67	Jan. 25, 1952	67.28
June 27	45.52	Nov. 5	46.21	Jan. 10, 1953	72.58
Aug. 12	45.24	Feb. 25, 1942	45.98		

HALE COUNTY

331. Lat. 34°14', long. 101°37'. Depth 232 feet.

	Water level		Water level		Water level
Mar. 17, 1947	50.74	Feb. 14, 1950	59.85	Jan. 11, 1953	69.32
Feb. 21, 1948	52.62	Jan. 18, 1951	62.19		
Mar. 7, 1949	58.96	Jan. 25, 1952	63.47		

332. Lat. 34°14', long. 101°36'. Depth 210 feet.

Mar. 13, 1947	53.60	Mar. 7, 1949	60.32	Jan. 25, 1952	68.10
Feb. 21, 1948	56.22	Feb. 14, 1950	63.40	Jan. 11, 1953	73.56

334. Lat. 34°16', long. 101°36'. Depth 219 feet.

Mar. 19, 1947	62.33	Feb. 14, 1950	68.55	Jan. 11, 1953	78.45
Feb. 21, 1948	64.51	Jan. 18, 1951	70.47		
Mar. 7, 1949	67.36	Jan. 25, 1952	74.80		

338. Lat. 34°14', long. 101°34'. Depth 222 feet.

1914	41.96	Dec. 5, 1938	45.78	Oct. 20, 1942	46.86
Apr. 30, 1936	45.30	Jan. 3, 1939	45.69	Jan. 26, 1943	46.35
Aug. 27, 1937	45.62	Feb. 27	45.68	Feb. 11, 1944	48.44
Sept. 14	45.68	June 24	45.58	Feb. 12, 1945	49.86
Oct. 1	45.41	Aug. 14	48.07	Feb. 28, 1946	51.53
Nov. 1	45.32	Oct. 4	47.53	Jan. 17, 1947	52.51
Dec. 3	45.24	Dec. 8	46.99	Mar. 19	53.09
Jan. 4, 1938	45.25	Mar. 6, 1940	46.97	Feb. 21, 1948	54.81
Mar. 11	45.29	Nov. 15	48.42	Mar. 7, 1949	57.91
Apr. 13	45.32	Jan. 18, 1941	48.20	Feb. 14, 1950	59.20
May 26	45.96	Mar. 11	48.34	Jan. 25, 1952	63.61
June 27	45.66	Nov. 5	46.73	Jan. 11, 1953	68.80
Oct. 18	45.82	Feb. 25, 1942	46.21		

346. Lat. 34°12', long. 101°35'.

Apr. 29, 1936	44.95	Jan. 4, 1938	45.87	Dec. 5, 1938	47.21
June 13	45.76	Apr. 13	48.85	Jan. 3, 1939	46.96
May 3, 1937	46.81	May 26	49.35	Feb. 27	46.67
June 8	47.70	June 28	48.04	June 24	50.78
Oct. 1	46.50	Aug. 11	47.36	Dec. 8	51.69
Dec. 2	46.05	Oct. 17	47.78	Mar. 6, 1940	49.15

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355. Lat. 34°11', long. 101°37'. Depth 53 feet.

Date	Water level	Date	Water level	Date	Water level
June 5, 1937	39.73	Jan. 3, 1939	39.52	Nov. 15, 1940	42.49
July 27	39.11	Feb. 27	39.61	Jan. 18, 1941	42.49
Jan. 4, 1938	38.69	Oct. 4	40.97	Mar. 11	42.59
June 23	39.32	Dec. 14	40.90		
Oct. 18	39.50	Mar. 6, 1940	41.01		

356. Lat. 34°11', long. 101°37'.

May 14, 1936	45.13	Sept. 14, 1937	45.23	May 26, 1938	45.49
Apr. 30, 1937	46.51	Oct. 1	45.11	June 21	45.53
May 26	46.71	Nov. 1	44.96	Aug. 11	45.62
June 18	45.77	Dec. 2	44.95	Sept. 15	45.65
July 13	45.39	Jan. 4, 1938	44.97	Oct. 17	45.82
Aug. 10	45.26	Mar. 10	45.03	Dec. 5	45.77
Aug. 25	45.41	Apr. 13	45.25	Jan. 3, 1939	45.65

357. Lat. 34°88', long. 101°38'. Depth 60 feet.

May 1936	35.90	Oct. 17, 1938	36.39	July 23, 1941	37.54
June 5, 1937	36.33	Dec. 5	36.52	Nov. 21	36.38
July 27	34.89	Jan. 3, 1939	36.68	Oct. 23, 1942	37.07
Sept. 28	34.85	June 21	37.29	Jan. 29, 1943	36.86
Oct. 1	34.90	July 25	37.29	Feb. 1, 1944	38.72
Nov. 1	35.15	Aug. 16	37.39	Feb. 12, 1945	40.75
Dec. 2	35.46	Oct. 4	37.77	Mar. 5, 1946	44.27
Jan. 4, 1938	35.63	Dec. 14	37.93	Jan. 16, 1947	45.90
Mar. 10	35.82	Mar. 6, 1940	38.13	Mar. 13	45.82
Apr. 13	35.94	Nov. 15	39.67	Jan. 17, 1948	49.07
May 26	36.25	Jan. 18, 1941	39.80	Feb. 21	49.03
June 21	36.36	Mar. 10	39.87	Feb. 28, 1949	52.75
Aug. 11	36.09	June 2	39.52	Jan. 25, 1952	63.42

367. Lat. 34°12', long. 101°39'. Depth 200 feet.

Mar. 13, 1947	60.93	Mar. 7, 1949	68.38	Jan. 11, 1953	85.85
Feb. 21, 1948	64.60	Jan. 25, 1952	78.45		

HALE COUNTY

370. Lat. 34°13', long. 101°40'.

Date	Water level	Date	Water level	Date	Water level
Aug. 26, 1937	42.68	Dec. 8, 1938	42.35	Feb. 24, 1942	42.98
Sept. 14	42.72	Jan. 6, 1939	42.37	Jan. 26, 1943	43.64
Oct. 4	42.69	Feb. 28	42.34	Feb. 3, 1944	45.10
Nov. 1	42.57	June 16	42.88	Feb. 21, 1945	46.55
Dec. 3	42.46	July 20	42.87	Feb. 27, 1946	48.67
Jan. 5, 1938	42.36	Oct. 3	43.21	Jan. 17, 1947	52.10
Mar. 12	42.25	Dec. 8	43.38	Mar. 13	51.54
Apr. 11	42.25	Mar. 5, 1940	43.43	Feb. 21, 1948	53.80
May 27	42.37	Nov. 15	44.73	Mar. 7, 1949	57.61
June 27	42.48	Mar. 10, 1941	44.67	Feb. 13, 1950	59.19
Aug. 12	42.60	July 25	44.18	Jan. 24, 1952	65.82
Oct. 18	42.44	Nov. 5	43.58	Jan. 11, 1953	74.08

373. Lat. 34°13', long. 101°40'. Depth 212 feet.

Mar. 13, 1947	54.28	Feb. 21, 1948	58.28	Mar. 7, 1949	62.52
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389. Lat. 34°12', long. 101°35'. Depth 225 feet.

Mar. 7, 1949	63.41	Jan. 18, 1951	63.37	Jan. 21, 1952	72.30
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402. Lat. 34°11', long. 101°42'. Depth 39 feet.

Aug. 25, 1937	17.87	Apr. 3, 1939	19.44	June 2, 1941	21.63
Sept. 10	16.95	Apr. 26	19.12	July 24	15.49
Oct. 1	18.13	July 3	19.04	Oct. 16	17.16
Nov. 2	18.36	Aug. 14	19.84	Feb. 24, 1942	18.32
Dec. 1	18.65	Oct. 2	20.71	July 2	19.00
Jan. 8, 1938	18.86	Dec. 1	21.14	Oct. 12	20.21
May 31	19.41	Feb. 29, 1940	21.37	Jan. 27, 1943	20.25
June 27	17.01	July 9	22.04	Feb. 3, 1944	22.36
Aug. 10	18.12	Sept. 20	22.72	Feb. 21, 1945	24.62
Oct. 17	18.89	Oct. 27	23.02	Feb. 28, 1946	28.12
Dec. 7	19.38	Nov. 7	23.07	Mar. 5, 1947	30.37
Jan. 5, 1939	19.56	Jan. 17, 1941	23.25	Feb. 20, 1948	33.72
Jan. 16	18.80	Mar. 4	23.41	Feb. 22, 1949	38.22
Mar. 1	19.41	May 30	21.94	Feb. 20, 1950	41.23

HALE COUNTY

407a. Lat. 34°10', long. 101°41'. Depth 150 feet.

Date	Water level	Date	Water level	Date	Water level
June 28, 1949	*41.86	Sept. 25, 1950	46.58	Dec. 4, 1951	49.70
July 1	41.97	Oct. 1	46.59	Jan. 1, 1952	49.94
Aug. 3	42.54	Nov. 1	47.15	Feb. 1	50.18
Sept. 18	43.14	Dec. 1	47.44	Mar. 3	50.49
Oct. 14	43.35	Jan. 1, 1951	47.88	Apr. 3	51.16
Nov. 1	43.34	Feb. 1	48.12	May 6	51.60
Dec. 1	43.73	Mar. 1	48.38	June 10	52.18
Jan. 14, 1950	43.98	Apr. 1	48.70	July 18	53.23
Feb. 2	44.38	May 1	49.45	Aug. 5	53.82
Mar. 2	44.38	June 24	46.61	Sept. 1	54.34
Apr. 1	44.85	July 6	46.53	Oct. 1	54.94
May 3	45.63	Aug. 1	47.14	Nov. 4	55.31
June 1	46.07	Sept. 1	48.21	Dec. 1	55.53
July 29	46.55	Oct. 1	48.47		
Aug. 12	46.50	Nov. 1	49.34		

422. Lat. 34°09', long. 101°35'. Depth 69 feet.

Oct. 1, 1937	38.04	Mar. 1, 1939	40.75	Nov. 21, 1941	35.95
Nov. 1	38.28	June 26	41.26	Mar. 12, 1942	36.41
Dec. 2	38.50	Oct. 5	41.81	Oct. 29	37.95
Jan. 4, 1938	38.71	Mar. 7, 1940	42.18	Jan. 26, 1943	37.65
May 26	39.51	Nov. 15	43.59	Feb. 16, 1944	41.33
June 28	39.87	Jan. 20, 1941	43.81	Feb. 13, 1945	44.50
Oct. 17	40.68	Mar. 11	43.96	Mar. 19, 1947	47.70
Jan. 5, 1939	41.01	June 2	43.07	Feb. 21, 1948	49.76

427. Lat. 34°09', long. 101°34'.

1914	41.00	Oct. 17, 1938	47.64	Oct. 23, 1942	47.01
Nov. 22, 1936	47.02	Dec. 5	47.78	Jan. 26, 1943	46.60
May 3, 1937	48.64	Jan. 5, 1939	47.71	Feb. 15, 1944	48.34
July 27	48.35	Mar. 1	47.21	Feb. 13, 1945	50.95
Sept. 14	47.61	June 26	48.60	Mar. 1, 1946	52.57
Oct. 1	47.29	July 25	49.29	Jan. 16, 1947	55.44
Nov. 1	46.62	Oct. 5	49.65	Mar. 19	55.25
Dec. 2	46.29	Dec. 14	49.27	Feb. 21, 1948	58.85
Jan. 4, 1938	46.03	Mar. 6, 1940	48.65	Mar. 7, 1949	63.77
Mar. 10	45.84	Nov. 15	51.40	Feb. 19, 1950	66.87
Apr. 14	46.88	Jan. 20, 1941	50.70	Feb. 2, 1951	70.40
May 26	46.90	Mar. 11	50.53	Jan. 21, 1952	74.15
June 23	46.92	Nov. 21	48.08	Jan. 9, 1953	80.54
Aug. 11	48.02	Mar. 9, 1942	46.97		

* Monthly highest water-level from recorder graph.

HALE COUNTY

428. Lat. 34°09', long. 101°34'. Depth 88 feet.

Date	Water level	Date	Water level	Date	Water level
May 1, 1936	50.00	Feb. 13, 1945	50.04	Mar. 8, 1950	68.07
May 25, 1937	47.38	Mar. 1, 1946	52.05	Apr. 3	70.20
June 14	46.26	Jan. 16, 1947	55.35	May 30	71.35
July 3	46.15	Mar. 19	55.07	June 1	72.05
Aug. 25	46.61	Feb. 21, 1948	58.85	July 30	70.72
Sept. 14	46.36	Apr. 27	**63.62	Aug. 4	70.63
Oct. 1	46.27	May 31	64.55	Sept. 30	72.00
Nov. 1	45.60	June 30	63.30	Oct. 30	71.25
Dec. 2	45.36	July 2	63.24	Nov. 27	71.30
Mar. 10, 1938	45.31	Aug. 22	66.80	Dec. 30	71.45
Apr. 14	47.16	Sept. 20	66.36	Jan. 8, 1951	71.30
June 3	46.70	Oct. 31	65.18	Feb. 19	71.28
Aug. 11	49.51	Nov. 24	64.75	Mar. 2	71.30
Oct. 17	46.97	Dec. 31	64.52	Apr. 30	75.42
Jan. 5, 1939	47.66	Jan. 30, 1949	64.22	May 27	73.74
Oct. 5	50.06	Feb. 23	64.07	June 6	73.61
Dec. 14	49.60	Mar. 21	63.88	July 11	73.67
Mar. 7, 1940	48.13	Apr. 1	64.50	Sept. 29	76.95
Nov. 15	49.76	May 27	64.93	Oct. 31	76.36
Jan. 20, 1941	50.14	June 1	64.93	Nov. 30	75.35
Mar. 11	50.00	July 20	65.28	Dec. 31	74.88
June 2	50.14	Aug. 8	66.22	Jan. 31, 1952	74.55
July 23	47.98	Sept. 30	67.25	Feb. 29	74.39
Mar. 9, 1942	45.61	Oct. 29	66.67	Mar. 2	74.39
Oct. 23	46.29	Nov. 22	66.49	Apr. 30	78.38
Jan. 18, 1943	45.93	Dec. 26	66.69	May 13	77.50
July 20	47.48	Jan. 2, 1950	66.58	June 1	78.12
Feb. 1, 1944	47.75	Feb. 1	67.00	July 29	80.15

433a. Lat. 34°07', long. 101°35'. Depth 26 feet.

Apr. 14, 1938	17.99	July 9, 1940	23.20	Mar. 1, 1946	25.96
June 3	18.21	Jan. 20, 1941	24.43	Mar. 11, 1947	26.20
Jan. 16, 1939	18.45	Mar. 11	24.62	Feb. 24, 1948	29.79
Mar. 2	19.51	Nov. 21	6.47	Feb. 28, 1949	35.49
June 19	20.53	Oct. 29, 1942	12.22	Feb. 16, 1950	37.63
Aug. 16	19.02	Jan. 26, 1943	14.66	Jan. 23, 1951	37.20
Oct. 5	21.10	Feb. 17, 1944	19.75	Jan. 25, 1952	39.40
Mar. 7, 1940	22.08	Feb. 13, 1945	23.27	Jan. 9, 1953	49.90

** April 27, 1948 to July 29, 1952, monthly highest water level from recorder graph.

HALE COUNTY

434. Lat. 34°07', long. 101°36'. Depth 292 feet.

Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1917	43.00	Oct. 5, 1939	46.79	Nov. 21, 1941	44.70
Oct. 25, 1937	44.12	Dec. 14	46.89	Mar. 12, 1942	43.20
May 26, 1938	44.52	Mar. 7, 1940	46.94	Oct. 20	44.30
June 23	44.65	Nov. 14	48.89	Jan. 18, 1943	43.94
Oct. 17	45.31	Jan. 20, 1941	48.82	Mar. 1, 1946	52.06
Mar. 2, 1939	45.38	Mar. 11	48.94		

435. Lat. 34°07', long. 101°35'. Depth 292 feet.

Jan. 20, 1917	46.00	Nov. 14, 1940	52.41	Feb. 13, 1945	52.20
Oct. 25, 1937	48.59	Jan. 20, 1941	52.17	Mar. 1, 1946	55.04
May 26, 1938	47.92	Mar. 11	52.24	Mar. 14, 1947	58.07
June 23	47.96	Nov. 21	48.63	Feb. 24, 1948	61.73
Oct. 17	48.63	Mar. 12, 1942	47.08	Mar. 2, 1949	67.03
Mar. 2, 1939	48.57	Oct. 20	48.06	Jan. 21, 1952	77.63
Oct. 5	50.23	Jan. 18, 1943	47.62	Jan. 9, 1953	85.26
Dec. 14	50.23	July 20	48.69		
Mar. 7, 1940	50.33	Feb. 17, 1944	49.35		

436. Lat. 34°07', long. 101°37'. Depth 293 feet.

May 4, 1936	52.00	June 23, 1938	51.27	July 20, 1943	52.65
Mar. 17, 1937	53.62	Oct. 17	51.90	Feb. 17, 1944	53.03
May 25	52.00	Dec. 7	51.82	Feb. 13, 1945	55.85
June 26	51.22	Mar. 2, 1939	51.48	Mar. 1, 1946	58.85
July 23	51.68	Aug. 16	54.06	Jan. 20, 1947	63.20
Aug. 25	52.35	Oct. 5	54.15	Mar. 11	62.53
Sept. 10	51.68	Dec. 14	53.54	Feb. 24, 1948	66.20
Oct. 2	51.16	Nov. 14, 1940	56.51	Mar. 2, 1949	71.30
Nov. 2	50.79	Jan. 20, 1941	55.51	Feb. 16, 1950	73.84
Dec. 1	50.56	Mar. 11	55.51	Jan. 23, 1951	78.45
Jan. 4, 1938	50.30	Nov. 21	52.76	Jan. 21, 1952	81.39
Mar. 8	50.36	Mar. 12, 1942	51.29	Jan. 11, 1953	89.41
Apr. 13	51.01	Oct. 20	52.23		
May 26	51.44	Jan. 18, 1943	51.40		

HALE COUNTY

459. Lat. 34°05', long. 101°34'. Depth 277 feet.

Date	Water level	Date	Water level	Date	Water level
1914	35.50	Mar. 10, 1938	37.57	Dec. 14, 1939	42.70
May 15, 1936	39.28	Apr. 14	38.08	Mar. 7, 1940	41.22
June 20	38.60	May 26	38.86	Nov. 15	44.20
Apr. 29, 1937	39.01	June 28	38.85	Jan. 20, 1941	43.67
June 9	39.16	Aug. 11	39.99	Mar. 11	42.57
July 23	38.65	Oct. 17	40.00	Nov. 24	37.50
Aug. 9	38.49	Dec. 7	39.63	Mar. 12, 1942	36.83
Oct. 2	38.21	Jan. 5, 1939	39.52	Oct. 29	38.15
Nov. 2	37.86	Mar. 2	39.30	Jan. 26, 1943	37.47
Dec. 1	37.65	Aug. 16	42.00		
Jan. 8, 1938	37.49	Oct. 5	42.63		

462. Lat. 34°05', long. 101°34'. Depth 266 feet.

1914	36.50	Dec. 7, 1938	41.81	Oct. 29, 1942	39.31
May 15, 1936	42.35	Jan. 5, 1939	41.76	Jan. 26, 1943	38.60
June 16	40.44	Mar. 2	41.39	Feb. 17, 1944	41.66
Mar. 17, 1937	41.62	June 19	45.79	Feb. 13, 1945	44.90
Apr. 29	41.67	Aug. 16	44.56	Feb. 28, 1946	47.74
Oct. 2	39.21	Oct. 5	45.39	Jan. 20, 1947	52.32
Dec. 1	39.01	Dec. 14	43.99	Mar. 11	51.85
Jan. 8, 1938	39.22	Mar. 7, 1940	43.65	Feb. 26, 1948	57.68
Mar. 10	39.50	Nov. 15	47.56	Feb. 28, 1949	64.24
Apr. 14	40.35	Jan. 20, 1941	46.09	Jan. 23, 1951	74.90
May 26	40.97	Mar. 11	46.03	Jan. 25, 1952	73.10
June 28	41.34	Nov. 24	37.20		
Oct. 17	42.21	Mar. 12, 1942	37.37		

463. Lat. 34°05', long. 101°34'. Depth 285 feet.

1914	32.00	Oct. 5, 1939	38.90	Feb. 17, 1944	36.82
Sept. 10, 1937	32.60	Dec. 14	37.79	Feb. 13, 1945	38.88
Oct. 2	32.62	Mar. 7, 1940	37.54	Feb. 28, 1946	41.24
Nov. 2	32.53	Nov. 15	40.23	Mar. 11, 1947	45.49
Dec. 1	32.61	Jan. 20, 1941	39.84	Feb. 26, 1948	50.45
Apr. 14, 1938	34.92	Mar. 11	39.81	July 19	59.55
June 28	34.81	June 2	37.67	Feb. 28, 1949	56.60
Oct. 17	35.78	July 23	31.47	Feb. 16, 1950	61.46
Dec. 7	35.62	Nov. 24	32.09	Jan. 23, 1951	63.99
Jan. 5, 1939	35.50	Mar. 12, 1942	31.12	Jan. 25, 1952	64.96
Mar. 2	35.13	Oct. 29	32.40		
Aug. 16	37.60	Jan. 26, 1943	31.97		

HALE COUNTY

445. Lat. 34°07', long. 101°41'.

Date	Water level	Date	Water level	Date	Water level
1914	45.50	Jan. 6, 1938	45.88	Dec. 7, 1938	47.44
May 8, 1936	45.30	Mar. 11	46.12	Mar. 3, 1939	46.94
Apr. 29, 1937	45.58	Apr. 13	46.18	June 26	48.09
May 27	45.77	June 3	46.36	Aug. 16	48.55
July 12	45.86	Oct. 20	47.32		

449. Lat. 34°06', long. 101°43'.

1914	57.50	Mar. 3, 1939	58.29	Feb. 8, 1944	60.70
May 6, 1936	57.75	June 26	58.82	Feb. 13, 1945	61.72
Apr. 26, 1937	59.00	Aug. 16	59.11	Feb. 28, 1946	62.67
June 8	58.34	Oct. 6	59.08	Jan. 20, 1947	64.63
July 12	58.17	Dec. 14	59.40	Mar. 14	64.58
Aug. 9	58.20	Mar. 7, 1940	59.00	Feb. 26, 1948	65.73
Jan. 8, 1938	57.60	Nov. 14	61.91	Mar. 16, 1949	69.63
Mar. 11	57.81	Jan. 21, 1941	61.08	Feb. 16, 1950	69.54
Apr. 12	57.76	Mar. 4	60.90	Jan. 19, 1951	69.87
June 2	58.30	Nov. 24	60.14	Jan. 28, 1952	74.89
Aug. 10	58.20	Mar. 12, 1942	60.08	Jan. 13, 1953	80.05
Oct. 20	58.55	Oct. 8	60.83		
Dec. 7	58.37	Jan. 26, 1943	60.01		

454. Lat. 34°06', long. 101°33'. Depth 265 feet.

June 27, 1914	47.60	Oct. 5, 1939	61.88	Feb. 28, 1946	56.76
July 23, 1937	52.69	Dec. 14	54.30	Mar. 11, 1947	60.59
Jan. 8, 1938	49.45	Mar. 7, 1940	53.12	Feb. 24, 1948	66.42
Apr. 14	58.04	Nov. 15	55.96	Feb. 28, 1949	72.44
June 26	51.12	Jan. 20, 1941	55.19	Feb. 16, 1950	79.80
Oct. 17	51.62	Mar. 11	54.94	Jan. 23, 1951	87.39
Dec. 7	51.78	Jan. 26, 1943	50.23	Jan. 25, 1952	82.20
Jan. 5, 1939	51.10	Feb. 17, 1944	51.90	Jan. 9, 1953	91.42
Aug. 16	58.05	Feb. 13, 1945	57.42		

HALE COUNTY

467. Lat. 34°05', long. 101°37'. Depth 135 feet.

Date	Water level	Date	Water level	Date	Water level
Sept. 10, 1937	34.11	Mar. 2, 1939	33.65	Jan. 26, 1943	33.17
Oct. 2	33.90	June 19	33.42	Feb. 17, 1944	34.70
Nov. 2	33.73	Aug. 16	36.77	Feb. 13, 1945	37.55
Dec. 1	33.40	Oct. 5	36.61	Feb. 28, 1946	37.67
Jan. 8, 1938	33.07	Dec. 14	35.47	Jan. 20, 1947	40.70
Mar. 11	32.76	Mar. 7, 1940	35.00	Mar. 14	39.95
Apr. 13	32.68	Nov. 13	39.30	Feb. 26, 1948	42.30
June 28	32.65	Jan. 20, 1941	38.03	Mar. 2, 1949	44.32
Aug. 11	32.87	Mar. 11	37.45	Feb. 16, 1950	44.60
Oct. 20	33.74	Nov. 24	35.49	Jan. 23, 1951	45.12
Dec. 7	33.94	Mar. 12, 1942	34.02	Jan. 24, 1952	48.05
Jan. 5, 1939	33.92	Oct. 29	33.80	Jan. 14, 1953	51.58

470. Lat. 34°03', long. 101°39'.

Aug. 25, 1937	32.62	Jan. 5, 1939	32.66	Mar. 12, 1942	31.19
Sept. 10	32.58	Mar. 3	32.66	Oct. 29	31.92
Oct. 2	32.58	June 19	32.82	Jan. 26, 1943	31.10
Nov. 2	32.57	Aug. 16	32.90	Feb. 8, 1944	30.44
Dec. 1	32.52	Oct. 5	32.94	Feb. 13, 1945	31.18
Jan. 6, 1938	32.42	Dec. 14	32.95	Feb. 28, 1946	31.79
Mar. 11	32.39	Mar. 7, 1940	33.06	Mar. 14, 1947	32.30
Apr. 13	32.42	Nov. 13	33.34	Feb. 26, 1948	32.98
June 28	32.54	Jan. 20, 1941	33.33	Mar. 3, 1949	33.54
Aug. 11	32.62	Mar. 11	33.40	Feb. 16, 1950	35.53
Oct. 20	32.64	July 25	32.85	Jan. 22, 1951	37.37
Dec. 7	32.66	Nov. 24	31.59		

477. Lat. 34°04', long. 101°42'. Depth 176 feet.

May 7, 1936	38.10	Aug. 11, 1938	38.09	Mar. 11, 1941	38.95
Apr. 26, 1937	38.50	Oct. 20	38.47	Nov. 24	37.60
May 27	38.55	Dec. 7	38.32	Mar. 12, 1942	37.19
July 19	38.42	Jan. 5, 1939	38.27	Oct. 29	37.17
Aug. 9	38.19	Mar. 3	38.23	Jan. 26, 1943	36.57
Sept. 10	38.20	June 19	38.67	Feb. 8, 1944	36.44
Oct. 2	38.02	July 19	38.54	Feb. 13, 1945	37.20
Nov. 2	37.88	Aug. 16	38.43	Feb. 28, 1946	36.78
Dec. 1	37.78	Oct. 5	38.45	Feb. 19, 1950	60.87
Jan. 6, 1938	37.64	Dec. 14	38.23	Jan. 16, 1951	65.55
Mar. 11	37.65	Mar. 7, 1940	38.26	Jan. 21, 1952	68.18
Apr. 12	37.70	Nov. 13	38.17	Jan. 11, 1953	73.97
June 2	38.09	Jan. 21, 1941	38.96		

HALE COUNTY

497. Lat. 34°09', long. 101°36'. Depth 204 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 7, 1945	48.37	Jan. 16, 1947	52.77	Feb. 21, 1948	55.16
Mar. 5, 1946	50.94	Mar. 6	52.75	Feb. 28, 1949	58.91

508. Lat. 34°10', long. 101°48'. Depth 170 feet.

1914	48.00	July 19, 1939	46.85	Feb. 23, 1945	49.97
May 11, 1936	46.00	Oct. 6	47.15	Mar. 6, 1946	51.54
Aug. 27, 1937	46.14	Dec. 1	47.31	Jan. 21, 1947	52.95
Jan. 6, 1938	45.70	Mar. 4, 1940	47.53	Mar. 12	52.88
Apr. 12	45.86	Nov. 14	49.10	Feb. 28, 1948	55.15
June 25	46.03	Jan. 17, 1941	48.85	Feb. 22, 1949	58.63
Aug. 10	46.15	Mar. 11	48.86	Feb. 15, 1950	60.94
Oct. 19	46.37	Oct. 14	48.69	Jan. 19, 1951	63.66
Dec. 9	46.41	Feb. 28, 1942	47.82	Jan. 28, 1952	66.70
Jan. 5, 1939	46.45	Oct. 24	48.10	Jan. 8, 1953	71.20
Mar. 3	46.47	Jan. 20, 1943	47.92		
June 23	46.73	Feb. 16, 1944	49.00		

509. Lat. 34°10', long. 101°48'. Depth 170 feet.

May 1935	45.00	Feb. 22, 1949	58.34	Jan. 28, 1952	67.35
Mar. 21, 1947	64.61	Feb. 15, 1950	61.74	Jan. 8, 1953	72.85
Feb. 19, 1948	54.02	Jan. 19, 1951	64.48		

510. Lat. 34°11'. long. 101°47'.

Apr. 27, 1936	37.75	June 25, 1938	35.69	Jan. 17, 1941	38.19
Apr. 22, 1937	36.24	Aug. 10	35.74	Mar. 11	38.30
May 21	36.44	Oct. 19	36.05	June 2	38.11
June 9	36.36	Dec. 6	35.98	July 24	36.11
July 22	35.78	Jan. 31, 1939	36.00	Nov. 21	34.57
Aug. 25	35.48	Mar. 4	36.02	Feb. 28, 1942	34.03
Sept. 10	35.44	Apr. 3	36.10	Oct. 8	34.61
Oct. 1	35.34	June 23	36.34	Jan. 20, 1943	34.68
Nov. 2	35.28	July 19	36.30	Feb. 2, 1944	36.38
Dec. 1	35.27	Oct. 2	36.58	Feb. 23, 1945	38.30
Jan. 6, 1938	35.26	Dec. 1	36.86	Mar. 6, 1946	40.88
Mar. 12	35.40	Feb. 29, 1940	37.17	Feb. 21, 1947	43.10
Apr. 12	35.50	July 9	37.52		
May 31	35.63	Nov. 14	38.06		

HALE COUNTY

511. Lat. 34°11', long. 101°45'. Depth 140 feet.

Date	Water level	Date	Water level	Date	Water level
1914	20.00	June 25, 1938	17.83	May 30, 1941	17.38
1916	20.00	Aug. 10	18.11	June 3	15.51
Apr. 27, 1936	19.43	Oct. 17	17.26	July 24	13.75
May 15	19.08	Dec. 6	18.27	Oct. 14	12.89
Apr. 22, 1937	18.33	Jan. 16, 1939	17.01	Feb. 28, 1942	14.79
May 21	17.60	Mar. 4	18.29	July 2	15.56
June 8	13.06	Apr. 3	18.25	Oct. 8	17.88
July 13	14.11	June 26	17.22	Feb. 11, 1943	18.10
Aug. 11	14.60	July 3	17.34	Feb. 2, 1944	21.20
Sept. 10	14.77	Aug. 14	18.79	Feb. 23, 1945	23.19
Oct. 1	15.22	Dec. 1	20.00	Mar. 6, 1946	26.28
Nov. 2	16.00	Feb. 29, 1940	20.73	Jan. 21, 1947	28.12
Dec. 1	16.47	July 9	20.67	Mar. 12	28.12
Jan. 5, 1938	16.88	Oct. 27	21.80	June 8, 1951	41.24
Mar. 12	17.50	Nov. 14	21.92	July 19	40.07
Apr. 12	17.78	Jan. 17, 1941	22.14	Jan. 28, 1952	45.04
May 31	18.16	Mar. 4	22.28	Jan. 8, 1953	51.11

526. Lat. 34°08', long. 101°47'.

May 12, 1936	51.80	Dec. 9, 1938	53.31	Nov. 14, 1940	57.57
Apr. 24, 1937	52.65	Mar. 3, 1939	53.56	Jan. 28, 1941	55.42
June 8, 1938	52.78	Oct. 6	53.80	Mar. 4	55.53
June 27	52.91	Dec. 4	54.11		

539. Lat. 34°05', long. 101°48'. Depth 158 feet.

Oct. 26, 1937	54.52	Oct. 6, 1939	57.25	Jan. 21, 1947	62.79
Apr. 12, 1938	55.30	Dec. 14	56.18	Mar. 14	61.96
June 2	55.07	Mar. 13, 1940	56.11	Feb. 28, 1949	64.18
Aug. 11	55.66	Nov. 14	57.66	Mar. 7	67.00
Oct. 20	55.78	Jan. 21, 1941	57.18	Feb. 16, 1950	72.68
Dec. 9	55.83	Mar. 4	57.29	Jan. 19, 1951	68.35
Mar. 3, 1939	55.28	Jan. 26, 1943	56.01	Jan. 30, 1952	74.63
June 19	56.88	Feb. 17, 1944	57.59	Jan. 13, 1953	82.91
July 19	56.59	Feb. 24, 1945	57.70		
Aug. 16	56.34	Mar. 1, 1946	61.19		

HALE COUNTY

542. Lat. 34°07', long. 101°46'. Depth 60 feet.

Date	Water level	Date	Water level	Date	Water level
May 9, 1936	35.58	Mar. 3, 1939	36.04	Nov. 1, 1940	37.60
Apr. 24, 1937	35.80	June 19	36.32	Dec. 11	37.63
June 2	35.72	July 3	36.29	Jan. 21, 1941	37.80
July 26	35.07	Aug. 16	36.47	Feb. 4	37.83
Aug. 30	34.95	Oct. 17	36.47	Mar. 4	37.92
Sept. 10	34.77	Nov. 2	36.53	May 31	37.82
Oct. 2	34.10	Dec. 4	36.61	June 10	37.48
Nov. 2	33.84	Jan. 1, 1940	36.69	July 30	36.68
Dec. 1	33.84	Feb. 1	36.77	Aug. 17	37.50
Jan. 6, 1938	34.16	Mar. 11	36.91	Oct. 21	36.32
Mar. 11	34.46	Apr. 1	36.97	Nov. 17	35.68
Apr. 12	34.62	May 1	37.06	Mar. 6, 1942	35.12
June 2	34.90	June 24	37.20	July 23	35.71
Aug. 10	34.70	July 1	37.23	Sept. 12	36.20
Oct. 19	35.64	Aug. 1	37.30	Oct. 12	36.54
Dec. 9	35.81	Sept. 1	37.40		
Jan. 5, 1939	35.91	Oct. 11	37.53		

546. Lat. 34°05'. long. 101°45'. Depth 202 feet.

Mar. 14, 1947	57.39	Feb. 16, 1950	62.96	Jan. 13, 1953	76.33
Feb. 26, 1948	59.36	Jan. 19, 1951	66.41		
Mar. 4, 1949	62.06	Jan. 28, 1952	68.85		

547. Lat. 34°07', long. 101°44'.

May 6, 1936	50.07	June 28, 1938	50.83	Mar. 12, 1942	52.26
Apr. 24, 1937	50.84	Aug. 10	50.94	Oct. 12	53.59
May 27	50.97	Oct. 19	51.14	Jan. 16, 1943	52.84
July 12	50.84	Dec. 7	51.21	Feb. 8, 1944	54.70
July 26	50.92	Mar. 3, 1939	51.24	Feb. 13, 1945	55.55
Aug. 24	50.84	June 19	51.67	Mar. 1, 1946	54.88
Aug. 30	50.79	Aug. 16	51.77	Jan. 21, 1947	55.13
Sept. 10	50.72	Oct. 6	52.03	Mar. 14	53.12
Oct. 2	50.52	Dec. 14	52.04	Feb. 26, 1948	52.31
Nov. 2	50.36	Mar. 7, 1940	52.16	Mar. 4, 1949	64.63
Dec. 1	50.20	Nov. 14	53.68	Feb. 16, 1950	68.37
Jan. 8, 1938	50.16	Jan. 21, 1941	53.65	Jan. 30, 1952	72.88
Mar. 11	50.29	Mar. 4	53.78	Jan. 13, 1953	77.68
Apr. 12	50.32	Nov. 25	52.80		

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549. Lat. 34°06', long. 101°44'.

Date	Water level	Date	Water level	Date	Water level
May 7, 1936	55.36	Apr. 12, 1938	55.47	Aug. 16, 1939	56.75
Apr. 24, 1937	55.89	June 2	55.70	Oct. 6	57.04
June 8	56.03	Aug. 10	55.94	Dec. 14	57.10
July 12	55.93	Oct. 20	56.20	Mar. 7, 1940	52.36
Aug. 9	56.06	Dec. 7	56.24	Nov. 14	53.88
Jan. 8, 1938	55.49	Mar. 3, 1939	56.30	Jan. 21, 1941	58.88
Mar. 11	55.46	June 26	56.60	Mar. 4	58.82

552. Lat. 34°03', long. 101°46'. Depth 317 feet.

Dec. 28, 1914	62.00	Aug. 15, 1938	61.41	Mar. 13, 1942	58.35
Apr. 16, 1934	57.36	Oct. 20	58.61	Oct. 29	58.55
May 5, 1936	60.33	Dec. 9	58.49	Jan. 26, 1943	58.20
Apr. 26, 1937	58.93	Jan. 5, 1939	58.40	Feb. 16, 1944	58.80
May 27	59.16	Mar. 3	58.28	Feb. 24, 1945	59.58
July 12	59.23	June 19	66.49	Mar. 1, 1946	62.30
Aug. 9	58.36	July 19	60.92	Jan. 20, 1947	61.77
Sept. 10	58.09	Aug. 16	59.69	Mar. 14	61.53
Oct. 2	57.89	Oct. 6	60.13	Feb. 28, 1948	63.44
Nov. 2	57.73	Dec. 14	59.20	Mar. 4, 1949	65.70
Dec. 1	57.60	Mar. 7, 1940	59.04	Jan. 19, 1951	69.35
Jan. 6, 1938	57.64	Nov. 13	60.50	Jan. 28, 1952	70.44
Mar. 11	57.60	Jan. 21, 1941	60.14	Jan. 13, 1953	73.90
Apr. 12	57.65	Mar. 4	61.06		
June 28	58.36	Nov. 25	58.97		

553. Lat. 34°03', long. 101°46'. Depth 309 feet.

Apr. 16, 1934	52.85	Aug. 15, 1938	59.75	Mar. 13, 1942	53.86
May 5, 1936	55.95	Oct. 20	53.88	Oct. 29	54.04
Apr. 26, 1937	54.41	Dec. 9	52.76	Jan. 26, 1943	53.71
May 27	54.35	Jan. 5, 1939	53.65	Feb. 16, 1944	54.11
July 9	53.66	Mar. 3	53.55	Feb. 24, 1945	54.89
Aug. 24	54.50	July 19	56.26	Mar. 1, 1946	55.56
Sept. 10	53.47	Aug. 16	54.94	Jan. 20, 1947	57.57
Oct. 2	53.31	Oct. 6	55.42	Mar. 14	57.34
Nov. 2	52.16	Dec. 14	54.46	Feb. 28, 1948	59.90
Dec. 1	53.03	Mar. 7, 1940	54.31	Mar. 4, 1949	61.10
Jan. 6, 1938	52.99	Nov. 13	55.73	Feb. 20, 1950	62.45
Mar. 11	52.94	Jan. 21, 1941	53.25	Jan. 19, 1951	63.05
Apr. 12	52.97	Mar. 4	58.97	Jan. 28, 1952	66.68
June 28	53.69	Nov. 25	54.40	Jan. 13, 1953	71.41

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562. Lat. $34^{\circ}03'$, long. $101^{\circ}48'$. Depth 200 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 14, 1947	61.92	Feb. 16, 1950	67.96	Jan. 13, 1953	75.92
Feb. 28, 1948	64.26	Jan. 19, 1951	69.86		
Mar. 4, 1949	66.21	Jan. 30, 1952	70.86		

564. Lat. $34^{\circ}04'$, long. $101^{\circ}48'$.

Aug. 16, 1937	55.85	July 19, 1939	56.31	Oct. 29, 1942	56.79
Sept. 10	55.88	Aug. 16	56.36	Jan. 26, 1943	56.86
Oct. 2	55.89	Oct. 6	56.45	Feb. 16, 1944	57.34
Nov. 2	55.87	Dec. 14	56.53	Feb. 16, 1945	57.85
Dec. 1	55.83	Mar. 13, 1940	56.66	Mar. 1, 1946	58.67
Jan. 6, 1938	55.76	July 10	56.87	Mar. 14, 1947	60.68
Mar. 11	55.75	Nov. 14	57.21	Feb. 28, 1948	62.32
Apr. 12	55.73	Jan. 21, 1941	57.28	Mar. 7, 1949	66.95
June 2	55.75	Mar. 4	57.34	Feb. 16, 1950	66.89
Aug. 11	55.75	July 25	57.46	Jan. 19, 1951	70.80
Oct. 20	55.96	Nov. 25	57.15	Jan. 28, 1952	73.95
Dec. 9	56.00	Mar. 13, 1942	56.87	Jan. 13, 1953	77.55
Mar. 3, 1939	56.05	July 25	56.68		

567. Lat. $34^{\circ}04'$, long. $101^{\circ}49'$.

May 11, 1936	51.92	June 2, 1938	51.86	Mar. 4, 1941	53.57
Apr. 26, 1937	52.35	Aug. 11	52.05	Nov. 25	52.51
June 8	52.39	Oct. 20	52.25	Mar. 13, 1942	52.05
July 12	52.23	Dec. 9	52.27	July 25	52.40
Aug. 30	51.99	Mar. 3, 1939	52.34	Oct. 29	52.63
Sept. 10	51.99	June 19	52.60	Jan. 26, 1943	52.62
Oct. 2	51.77	July 19	52.80	Feb. 27, 1944	53.47
Nov. 2	51.76	Oct. 6	52.75	Feb. 24, 1945	54.03
Dec. 1	51.62	Dec. 14	52.69	Mar. 1, 1946	54.86
Jan. 6, 1938	51.52	Mar. 13, 1940	53.12	Jan. 21, 1947	56.00
Mar. 11	51.65	Nov. 14	53.40	Mar. 14	55.76
Apr. 12	51.69	Jan. 21, 1941	53.51	Feb. 28, 1948	56.97

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569. Lat. $34^{\circ}02'$, long. $101^{\circ}49'$. Depth 210 feet.

Date	Water level	Date	Water level	Date	Water level
1914	55.00	Dec. 9, 1938	53.14	Feb. 17, 1944	53.98
1917	56.00	June 19, 1939	54.00	Feb. 24, 1945	55.05
May 11, 1936	53.50	July 19	54.00	Mar. 1, 1946	57.82
Apr. 26, 1937	55.40	Oct. 6	54.03	Jan. 21, 1947	58.55
June 7	55.74	Dec. 14	54.11	Mar. 14	57.93
July 26	53.87	Mar. 7, 1940	54.34	Feb. 28, 1948	59.86
Aug. 11	53.14	Nov. 13	55.69	Mar. 4, 1949	61.72
Jan. 6, 1938	52.56	Jan. 21, 1941	55.37	Feb. 16, 1950	61.86
Mar. 11	52.64	Mar. 4	55.52	Jan. 19, 1951	63.57
Apr. 12	52.60	Nov. 25	53.13	Jan. 30, 1952	63.72
June 28	53.38	Mar. 13, 1942	52.98	Jan. 13, 1953	66.08
Aug. 15	53.08	Oct. 29	53.35		
Oct. 20	53.27	Jan. 24, 1943	53.21		

605. Lat. $34^{\circ}10'$, long. $101^{\circ}59'$. Depth 108 feet.

June 15, 1937	81.38	Dec. 6, 1938	82.65	Jan. 17, 1941	83.96
July 22	81.48	Jan. 4, 1939	82.65	Mar. 11	83.70
Aug. 30	81.27	Mar. 3	82.32	July 24	83.81
Jan. 6, 1938	81.69	June 23	82.95	Nov. 13	83.40
Apr. 12	81.65	Aug. 15	83.47	Feb. 28, 1942	82.89
May 31	82.00	Oct. 2	83.85	July 25	83.52
June 27	82.37	Dec. 1	83.26	Oct. 24	83.24
Aug. 10	82.17	Mar. 27, 1940	83.13	Jan. 20, 1943	82.66
Oct. 19	82.34	Nov. 13	84.39		

617. Lat. $34^{\circ}07'$, long. $101^{\circ}54'$. Depth 165 feet.

Aug. 26, 1937	53.82	Mar. 7, 1949	60.82	Jan. 8, 1953	70.55
Mar. 21, 1947	56.43	Feb. 18, 1950	62.65		
Feb. 28, 1948	58.21	Jan. 27, 1952	65.65		

629. Lat. $34^{\circ}06'$, long. $101^{\circ}57'$. Depth 81 feet.

Aug. 12, 1937	59.70	Feb. 20, 1950	68.20	Jan. 29, 1952	71.98
Feb. 23, 1949	66.32	Jan. 19, 1951	69.51		

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641. Lat. $34^{\circ}10'$, long. $102^{\circ}04'$. Depth 208 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1947	72.52	Feb. 23, 1949	76.10	Jan. 29, 1952	81.04
Mar. 12, 1948	74.24	Feb. 17, 1950	76.90	Jan. 12, 1953	84.67

661. Lat. $34^{\circ}08'$, long. $101^{\circ}54'$. Depth 233 feet.

Mar. 21, 1947	70.83	Mar. 7, 1949	75.30	Jan. 29, 1952	80.90
Feb. 28, 1948	72.86	Feb. 18, 1950	76.84	Jan. 8, 1953	85.20

704a. Lat. $34^{\circ}00'$, long. $102^{\circ}03'$.

Mar. 3, 1949	88.10	Jan. 30, 1952	82.28	Jan. 13, 1953	85.90
Feb. 20, 1950	78.99				

714. Lat. $33^{\circ}59'$, long. $101^{\circ}58'$. Depth 218 feet.

Mar. 21, 1947	79.50	Feb. 18, 1950	85.71	Jan. 13, 1953	91.70
Feb. 23, 1948	80.95	Jan. 19, 1951	90.95		
Mar. 3, 1949	83.22	Jan. 30, 1952	87.43		

719a. Lat. $33^{\circ}56'$, long. $102^{\circ}03'$. Depth 85 feet.

Aug. 10, 1938	76.76	Apr. 3, 1939	77.06	Mar. 13, 1942	75.51
Sept. 23	76.75	June 16	77.13	Jan. 24, 1943	74.29
Oct. 24	76.73	Aug. 16	77.24	Mar. 2, 1946	75.12
Dec. 22	76.94	Jan. 29, 1940	77.30	Feb. 23, 1948	78.03
Jan. 28, 1939	76.88	Mar. 13	77.42	Mar. 3, 1949	80.04
Mar. 4	76.90	Nov. 16, 1941	76.36		

719p. Lat. $33^{\circ}56'$, long. $102^{\circ}03'$. Depth 28 feet.

Oct. 24, 1938	11.13	Apr. 3, 1939	11.28	Mar. 11, 1941	12.26
Dec. 22	11.20	June 16	11.71	Nov. 6	3.00
Jan. 28, 1939	10.71	Aug. 16	10.51	Mar. 13, 1942	4.02
Mar. 4	11.22	Jan. 29, 1940	11.56	Jan. 24, 1943	4.70

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720b. Lat. 33°54', long. 102°04'. Depth 25 feet.

Date	Water level	Date	Water level	Date	Water level
Aug. 10, 1938	14.66	Mar. 4, 1939	15.27	Mar. 2, 1946	13.56
Sept. 23	15.00	Apr. 3	15.42	Feb. 23, 1948	14.09
Oct. 24	15.22	June 16	15.70	Jan. 30, 1952	15.90
Dec. 22	15.29	Nov. 7, 1941	9.79		
Jan. 28, 1939	14.87	Jan. 24, 1943	9.23		

724. Lat. 33°54', long. 101°59'. Depth 240 feet.

July 27, 1937	93.96	Jan. 29, 1940	92.36	Mar. 11, 1947	92.12
Aug. 15, 1938	94.19	Mar. 13	92.57	Feb. 23, 1948	93.77
Dec. 22	93.04	Mar. 11, 1941	93.11	Mar. 3, 1949	96.37
June 16, 1939	92.58	Feb. 17, 1944	91.15		
Aug. 16	92.50	Jan. 21, 1947	92.37		

738. Lat. 33°50', long. 102°01'. Depth 144 feet.

Mar. 3, 1949	92.35	Jan. 30, 1952	96.00	Jan. 13, 1953	96.75
Feb. 20, 1950	93.51				

798. Lat. 33°59', long. 101°57'. Depth 277 feet.

Mar. 11, 1947	80.66	Feb. 18, 1950	86.00	Jan. 13, 1953	95.68
Feb. 23, 1948	82.89	Jan. 19, 1951	86.52		
Mar. 3, 1949	84.56	Jan. 30, 1952	89.92		

816. Lat. 33°68', long. 101°43'. Depth 94 feet.

May 7, 1936	55.50	Oct. 20, 1938	56.60	Oct. 30, 1942	54.47
Apr. 26, 1937	56.31	Dec. 7	56.57	Jan. 24, 1943	54.11
June 7	56.40	Mar. 3, 1939	56.50	Feb. 16, 1944	53.82
July 19	56.24	June 26	56.80	Feb. 13, 1945	53.94
Aug. 9	56.33	Aug. 16	56.60	Mar. 2, 1946	54.88
Sept. 10	56.36	Oct. 5	56.86	Jan. 20, 1947	55.80
Oct. 2	56.29	Dec. 14	56.73	Mar. 14	55.78
Nov. 2	56.30	Mar. 7, 1940	56.79	Feb. 28, 1948	56.80
Dec. 1	56.26	Nov. 13	57.44	Mar. 3, 1949	57.57
Jan. 8, 1938	56.26	Jan. 21, 1941	57.34	Feb. 19, 1950	58.53
Mar. 11	56.26	Mar. 11	57.34	Jan. 22, 1951	60.97
Apr. 13	56.30	July 25	55.78	Jan. 13, 1952	59.93
June 24	56.54	Nov. 24	54.88	Jan. 13, 1953	62.85
Aug. 11	56.55	Mar. 12, 1942	54.48		

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822. Lat. 33°58', long. 101°47'. Depth 61 feet.

Date	Water level	Date	Water level	Date	Water level
Oct. 18, 1937	51.15	Dec. 17, 1939	51.41	July 25, 1941	49.90
June 15, 1938	51.34	Mar. 7, 1940	51.54	Nov. 7	48.89
Aug. 9	51.07	July 10	51.58	Mar. 12, 1942	49.18
Oct. 18	51.18	Nov. 13	51.74	July 23	50.45
June 23, 1939	51.35	Jan. 21, 1941	51.68		
Oct. 6	51.39	Mar. 11	51.71		

824. Lat. 33°59', long. 101°48'.

May 11, 1936	64.00	July 10, 1940	64.03	Jan. 24, 1943	63.29
Apr. 26, 1937	64.05	Nov. 13	64.17	Feb. 28, 1948	61.77
July 26	64.01	Jan. 21, 1941	64.18	Mar. 4, 1949	66.73
June 28, 1938	63.93	Mar. 11	64.20	Feb. 19, 1950	67.38
Aug. 11	63.90	July 25	64.20	Jan. 19, 1951	68.23
June 23, 1939	63.88	Nov. 7	64.10	Jan. 30, 1952	68.93
Oct. 6	63.92	Mar. 12, 1942	63.82	Jan. 13, 1953	69.05
Dec. 17	63.93	July 23	63.49		
Mar. 7, 1940	64.02	Oct. 29	63.62		

825. Lat. 34°01', long. 101°50'. Depth 88 feet.

June 16, 1937	65.12	Dec. 17, 1939	65.27	July 23, 1942	65.04
July 17	65.08	Mar. 7, 1940	65.22	Oct. 29	65.03
Aug. 8	65.10	Nov. 13	65.80	Jan. 24, 1943	64.89
Apr. 13, 1938	65.22	Jan. 21, 1941	65.57	Feb. 17, 1944	64.85
Aug. 10	65.04	Mar. 11	65.61	Mar. 5, 1946	66.68
Oct. 18	64.98	July 25	65.39	Jan. 21, 1947	68.38
Mar. 7, 1939	65.02	Nov. 25	65.30	Jan. 14, 1953	85.80
June 23	65.11	Mar. 13, 1942	65.17		

828. Lat. 33°59', long. 101°51'. Depth 218 feet.

June 15, 1938	73.99	Nov. 24, 1941	72.22	Mar. 11, 1947	75.32
Oct. 18	72.86	Mar. 13, 1942	71.48	Feb. 23, 1948	76.70
Mar. 7, 1939	71.58	Oct. 29	71.53	Mar. 3, 1949	78.17
June 23	75.11	Jan. 24, 1943	71.12	Feb. 19, 1950	79.70
Dec. 17	72.83	Feb. 17, 1944	71.37	Jan. 19, 1951	80.81
Mar. 13, 1940	72.23	Feb. 24, 1945	71.75	Jan. 30, 1952	82.49
Nov. 15	73.51	Mar. 5, 1946	75.65	Jan. 13, 1953	86.10
Jan. 21, 1941	72.65	Jan. 21, 1947	76.04		

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829. Lat. 33°59', long. 101°51'. Depth 318 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1947	76.74	Feb. 19, 1950	81.25	Jan. 13, 1953	87.65
Feb. 23, 1948	78.20	Jan. 19, 1951	82.24		
Mar. 3, 1949	79.73	Jan. 30, 1952	84.04		

833. Lat. 33°55', long. 101°51'. Depth 93 feet.

June 16, 1937	83.50	Oct. 18, 1938	83.56	July 10, 1940	83.48
July 21	83.16	June 23, 1939	83.55	Jan. 21, 1941	83.83
Aug. 8	83.51	Oct. 6	83.47	Mar. 11	83.86
June 15, 1938	83.55	Dec. 17	83.41		
Aug. 11	83.54	Mar. 13, 1940	83.40		

834. Lat. 33°56', long. 101°51'. Depth 89 feet.

June 16, 1937	76.64	Oct. 6, 1939	76.78	July 13, 1942	76.15
July 21	76.73	Dec. 17	76.82	Oct. 29	76.15
Aug. 11	76.71	Mar. 13, 1940	76.89	Oct. 29	76.14
Apr. 13, 1938	76.60	July 10	76.91	Jan. 24, 1943	76.02
June 15	76.72	Nov. 13	77.29	Feb. 17, 1944	76.05
Aug. 19	76.69	Jan. 21, 1941	77.28	Feb. 24, 1945	76.20
Oct. 18	76.73	Mar. 11	77.31	Mar. 5, 1946	78.24
Mar. 7, 1939	76.71	Nov. 25	76.64	Jan. 21, 1947	79.84
June 23	76.80	Mar. 13, 1942	76.34		

835. Lat. 33°56', long. 101°56'. Depth 67 feet.

July 27, 1937	59.42	Oct. 18, 1938	59.37	Mar. 13, 1940	59.77
Aug. 11	59.43	Mar. 7, 1939	59.43	July 10	59.83
Apr. 13, 1938	59.27	June 23	59.53	Nov. 13	60.00
June 15	59.31	Oct. 6	59.58	Jan. 21, 1941	60.00
Aug. 11	59.43	Dec. 17	59.63	Mar. 11	60.05

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837. Lat. 33°57', long. 101°46'.

Date	Water level	Date	Water level	Date	Water level
May 9, 1936	64.00	Mar. 7, 1940	63.95	Mar. 12, 1946	61.97
June 15	63.98	Nov. 7, 1941	63.73	Jan. 21, 1947	62.63
Aug. 9	63.90	Mar. 12, 1942	63.18	Mar. 14	62.58
Oct. 18	63.86	July 23	62.76	Feb. 28, 1948	63.14
Mar. 7, 1939	63.88	Oct. 29	62.58	Mar. 3, 1949	63.81
June 23	63.94	Jan. 24, 1943	62.44	Feb. 19, 1950	63.76
Oct. 6	63.87	Feb. 16, 1944	61.79		
Dec. 17	63.86	Feb. 16, 1945	61.65		

840. Lat. 34°56', long. 101°41'. Depth 185 feet.

Oct. 21, 1937	60.37	Nov. 24, 1941	59.18	Mar. 3, 1949	63.86
June 16, 1938	60.73	Mar. 12, 1942	58.72	Feb. 19, 1950	64.95
Oct. 18	60.88	Jan. 24, 1943	57.72	Jan. 22, 1951	65.56
Mar. 7, 1939	60.36	Feb. 16, 1945	58.85	Jan. 30, 1952	68.09
July 19	60.48	Mar. 1, 1946	59.82	Jan. 13, 1953	71.42
Oct. 5	60.61	Mar. 14, 1947	61.24		
Nov. 13, 1940	61.79	Feb. 28, 1948	62.62		

848. Lat. 33°53', long. 101°51'. Depth 105 feet.

July 27, 1937	95.95	Mar. 13, 1940	95.78	Feb. 23, 1948	96.52
June 15, 1938	95.89	Jan. 22, 1941	96.03	Mar. 8, 1949	97.10
Oct. 18	95.83	Mar. 11	96.05	Feb. 19, 1950	98.72
Mar. 7, 1939	95.81	Nov. 25	95.20	Jan. 30, 1952	99.44
Dec. 17	95.67	Oct. 30, 1942	95.32	Jan. 14, 1953	101.00

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852. Lat. 33°50', long. 101°51'. Depth 128 feet.

Date	Water level	Date	Water level	Date	Water level
July 27, 1937	117.82	Feb. 23, 1948	118.20	Sept. 1, 1950	122.10
Aug. 11	117.80	Nov. 30	119.41	Oct. 16	122.62
June 15, 1938	117.91	Feb. 28, 1949	119.67	Nov. 10	122.70
Sept. 23	117.90	Mar. 31	119.82	Dec. 4	122.75
Mar. 7, 1939	117.79	Apr. 29	119.82	Jan. 4, 1951	122.96
June 23	117.86	May 31	120.00	Feb. 6	123.22
Oct. 6	120.10	Aug. 1	120.13	Mar. 1	123.28
Dec. 17	117.79	31	120.61	Apr. 3	123.72
Mar. 13, 1940	117.82	Sept. 30	120.55	May 1	124.79
Jan. 22, 1941	118.16	Oct. 31	120.63	June 9	125.06
Mar. 11	118.39	Nov. 30	120.64	July 2	125.00
Nov. 7	117.74	Dec. 31	120.78	Aug. 2	125.80
Mar. 13, 1942	117.30	Feb. 3, 1950	120.86	Sept. 10	124.52
Oct. 30	116.95	28	121.06	Oct. 2	125.86
Jan. 24, 1943	115.20	Apr. 7	121.16	Nov. 6	125.64
Feb. 17, 1944	115.72	20	121.54	Dec. 3	125.63
Feb. 24, 1945	115.65	May 1	121.32	Jan. 7, 1952	125.50
Mar. 2, 1946	116.25	June 1	121.57	Jan. 30	125.50
Jan. 21, 1947	117.30	30	121.82	Jan. 14, 1953	128.45
Mar. 11	117.23	Aug. 7	122.12		

859. Lat. 33°52', long. 101°41'. Depth 200 feet.

Sept. 15, 1937	75.20	Nov. 7, 1941	74.24	Jan. 20, 1947	78.13
June 16, 1938	76.23	Mar. 12, 1942	73.57	Mar. 11	77.96
Mar. 7, 1939	75.80	Oct. 30	72.69	Feb. 28, 1948	80.12
June 23	76.33	Jan. 24, 1943	72.25	Mar. 2, 1949	83.08
Oct. 6	76.62	Feb. 16, 1944	72.50	Feb. 18, 1950	87.22
Nov. 29, 1940	77.16	Feb. 16, 1945	73.62	Jan. 30, 1952	89.99
Jan. 25, 1941	77.00	Mar. 2, 1946	76.16	Jan. 13, 1953	94.31

906. Lat. 34°01', long. 101°36'.

May 5, 1936	37.70	Oct. 20, 1938	39.58	Jan. 26, 1943	37.59
May 10, 1937	44.19	Dec. 7	39.57	Feb. 8, 1944	38.39
July 29	40.73	Mar. 3, 1939	39.57	Feb. 13, 1945	39.12
Aug. 9	41.52	Aug. 2	43.86	Mar. 1, 1946	40.75
Sept. 10	40.02	Oct. 5	41.30	Jan. 20, 1947	42.35
Oct. 2	39.46	Nov. 21	41.14	Mar. 11	41.98
Nov. 2	39.22	Dec. 14	41.06	Feb. 28, 1948	43.13
Dec. 1	39.02	Mar. 7, 1940	40.83	Mar. 2, 1949	43.96
Jan. 8, 1938	38.84	Nov. 13	42.83	Feb. 18, 1950	44.58
Mar. 11	38.86	Jan. 21, 1941	42.80	Jan. 22, 1951	46.89
Apr. 13	39.81	Nov. 24	39.43	Jan. 31, 1952	48.48
June 24	39.49	Mar. 12, 1942	37.50	Jan. 14, 1953	51.75
Aug. 11	39.52	Oct. 30	38.37		

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923. Lat. 34°01', long. 101°41'.

Date	Water level	Date	Water level	Date	Water level
Aug. 9, 1937	50.05	June 24, 1939	50.71	Jan. 26, 1943	48.24
Sept. 10	50.13	July 19	50.72	Feb. 16, 1944	48.02
Oct. 2	50.09	Aug. 16	50.70	Feb. 13, 1945	48.67
Nov. 2	50.07	Oct. 5	50.78	Mar. 1, 1946	49.71
Dec. 1	50.02	Dec. 14	50.75	Jan. 20, 1947	50.83
Jan. 8, 1938	50.01	Mar. 7, 1940	50.86	Mar. 14	50.76
Mar. 11	49.99	Nov. 13	51.66	Feb. 28, 1948	52.48
Apr. 13	50.03	Jan. 21, 1941	51.46	Mar. 3, 1949	54.38
June 24	50.31	Mar. 11	51.69	Feb. 18, 1950	54.21
Aug. 11	50.37	July 25	50.43	Jan. 22, 1951	58.26
Oct. 20	50.48	Nov. 24	49.48	Jan. 31, 1952	57.40
Dec. 7	50.46	Mar. 12, 1942	48.94	Jan. 14, 1953	61.30
Mar. 3, 1939	50.44	Oct. 30	48.83		

929. Lat. 33°59', long. 101°39'.

May 7, 1936	39.45	Sept. 10, 1937	41.42	Mar. 2, 1949	47.68
June 7, 1937	41.27	Oct. 2	41.27	Feb. 18, 1950	47.94
July 19	41.03	Nov. 2	41.15	Jan. 22, 1951	49.67
Aug. 9	41.32	Dec. 1	41.13	Jan. 31, 1952	51.07
Aug. 24	41.49	Feb. 28, 1948	46.05	Jan. 13, 1953	54.18

936. Lat. 33°58', long. 101°37'.

May 7, 1936	43.17	June 24, 1938	46.96	Mar. 12, 1942	45.57
Apr. 26, 1937	44.53	Aug. 11	46.68	Oct. 30	45.92
June 7	46.10	Oct. 20	46.01	Jan. 24, 1943	44.14
July 19	45.33	Dec. 7	45.98	Feb. 16, 1944	45.36
Aug. 9	45.32	July 19	47.60	Feb. 13, 1945	46.18
Sept. 10	45.25	Oct. 5	48.41	Mar. 2, 1946	48.76
Oct. 2	45.04	Dec. 14	47.83	Jan. 20, 1947	50.77
Nov. 2	44.82	Mar. 7, 1940	47.34	Mar. 11	50.43
Dec. 1	44.66	Nov. 13	50.06	Feb. 28, 1948	51.24
Jan. 8, 1938	45.53	Jan. 21, 1941	49.76	Mar. 2, 1949	52.12
Mar. 11	44.36	Mar. 11	49.00		
Apr. 13	46.18	Nov. 24	46.45		

942. Lat. 33°58', long. 101°34'. Depth 307 feet.

Jan. 12, 1939	51.87	Feb. 18, 1950	67.78	Jan. 31, 1952	68.79
Mar. 2, 1949	60.19	Jan. 22, 1951	69.48	Jan. 13, 1953	72.61

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946. Lat. 33°57', long. 101°37'. Depth 300 feet.

Date	Water level	Date	Water level	Date	Water level
Oct. 22, 1937	54.84	Jan. 21, 1941	60.15	Feb. 13, 1945	60.04
Mar. 3, 1939	57.04	Mar. 11	60.01	Mar. 2, 1946	61.30
July 19	58.20	Nov. 24	58.97	Jan. 20, 1947	63.60
Oct. 5	59.02	Mar. 12, 1942	58.40	Mar. 11	63.45
Dec. 14	58.61	Oct. 30	58.24	Jan. 15, 1948	68.30
Mar. 7, 1940	58.42	Jan. 24, 1943	57.85		
Nov. 13	60.39	Feb. 16, 1944	58.59		

956. Lat. 33°56', long. 101°41' Depth 200 feet.

Oct. 21, 1937	65.61	Jan. 21, 1941	66.73	Jan. 20, 1947	67.00
June 24, 1938	64.83	Mar. 11	66.45	Mar. 14	66.53
Oct. 20	65.50	July 25	66.17	Feb. 28, 1948	68.31
Dec. 7	65.31	Nov. 24	65.14	Mar. 3, 1949	69.77
Mar. 3, 1939	64.97	Mar. 12, 1942	64.29	Feb. 19, 1950	71.57
June 19	65.67	Oct. 30	64.52	Jan. 22, 1951	72.89
Oct. 5	66.80	Jan. 24, 1943	64.00	Jan. 31, 1952	73.25
Dec. 14	66.08	Feb. 16, 1944	63.59	Jan. 13, 1953	74.82
Mar. 7, 1940	65.54	Feb. 16, 1945	64.05		
Nov. 13	68.03	Mar. 2, 1946	64.89		

958. Lat. 33°56', long. 101°41'. Depth 108 feet.

May 7, 1936	59.33	Dec. 14, 1939	57.90	Feb. 16, 1944	55.27
June 7, 1937	58.15	Mar. 7, 1940	58.00	Feb. 16, 1945	56.15
July 14	58.63	Nov. 13	59.14	Mar. 1, 1946	57.15
Sept. 15	57.88	Jan. 21, 1941	58.88	Mar. 14, 1947	58.55
June 28, 1938	57.82	Mar. 11	58.85	Feb. 28, 1948	60.14
Oct. 20	57.81	Nov. 24	56.50	Mar. 3, 1949	61.23
Mar. 3, 1939	57.64	Mar. 12, 1942	56.02	Feb. 19, 1950	66.24
July 19	57.96	Oct. 30	55.82	Jan. 30, 1952	65.87
Oct. 5, 1939	58.05	Jan. 24, 1943	55.33	Jan. 13, 1953	67.07

964. Lat. 33°55', long. 101°34'. Depth 339 feet.

Mar. 2, 1949	72.43	Jan. 22, 1951	87.09	Jan. 13, 1953	81.68
Feb. 19, 1950	82.78	Jan. 31, 1952	78.00		

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971. Lat. 33°54', long. 101°36'. Depth 240 feet.

Date	Water level	Date	Water level	Date	Water level
Sept. 10, 1937	61.40	Mar. 12, 1942	59.98	Mar. 11, 1947	61.63
June 16, 1938	62.81	Oct. 30	59.68	Feb. 28, 1948	63.95
Oct. 18	61.40	Jan. 24, 1943	59.09	Mar. 2, 1949	67.37
Mar. 7, 1939	59.92	Feb. 16, 1944	58.10	Feb. 18, 1950	69.85
June 23	60.48	Feb. 16, 1945	58.70	Jan. 22, 1951	73.25
Oct. 6	61.26	Mar. 2, 1946	59.91		
Nov. 29, 1940	62.06	Jan. 20, 1947	61.76		

978. Lat. 33°51', long. 101°35'. Depth 200 feet.

Aug. 3, 1937	80.0	Jan. 19, 1951	91.83	Jan. 13, 1953	97.50
Mar. 22, 1949	86.66	Jan. 31, 1952	94.50		
Feb. 18, 1950	89.96	July 24	104.10		

1223. Lat. 34°13', long. 101°45'. Depth 240 feet.

Apr. 5, 1948	69.90	Feb. 20, 1950	69.63	Jan. 21, 1952	76.57
Feb. 22, 1949	69.51	Jan. 18, 1951	71.15	Jan. 9, 1953	81.94

1231. Lat. 34°13', long. 101°43'. Depth 228 feet.

Mar. 3, 1947	60.20	Feb. 28, 1949	68.77	Jan. 9, 1953	82.73
Feb. 20, 1948	64.16	Jan. 21, 1952	77.89		

1336. Lat. 34°12', long. 101°42'. Depth 200 feet.

Mar. 7, 1945	47.50	Mar. 6, 1947	54.08	Jan. 8, 1953	74.66
Mar. 5, 1946	50.78	Feb. 28, 1949	61.42		
Jan. 16, 1947	54.19	Jan. 28, 1952	70.77		

1388. Lat. 34°16', long. 101°37'.

Mar. 7, 1949	69.72	Jan. 25, 1952	75.74	Jan. 12, 1953	80.68
Jan. 25, 1951	72.85				

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1403. Lat. 34°09', long. 101°41'. Depth 150 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1947	52.27	Feb. 16, 1950	61.08	Jan. 9, 1953	66.48
Feb. 24, 1948	57.64	Jan. 23, 1951	60.26		
Mar. 2, 1949	58.39	Jan. 28, 1952	60.29		

1417. Lat. 34°08', long. 101°42'. Depth 160 feet.

Mar. 11, 1947	58.79	Mar. 2, 1949	66.50	Jan. 30, 1952	76.36
Feb. 24, 1948	62.19	Jan. 19, 1951	67.62	Jan. 14, 1953	82.15

1430. Lat. 34°05', long. 101°39'. Depth 185 feet.

Nov. 28, 1945	43.54	Mar. 3, 1949	50.98	Jan. 25, 1952	57.30
Mar. 14, 1947	46.80	Feb. 16, 1950	51.95	Jan. 14, 1953	62.92
Feb. 26, 1948	49.16	Jan. 22, 1951	54.85		

1433. Lat. 34°07', long. 101°38'. Depth 175 feet.

Mar. 14, 1947	53.30	Mar. 2, 1949	61.34	Jan. 25, 1952	70.90
Feb. 24, 1948	56.80	Feb. 16, 1950	63.75		

1436. Lat. 39°07', long. 101°37'. Depth 200 feet.

Mar. 14, 1947	58.79	Feb. 16, 1950	70.70	Jan. 9, 1953	85.75
Feb. 24, 1948	62.45	Jan. 22, 1951	74.51		
Mar. 2, 1949	67.81	Jan. 21, 1952	77.46		

1437. Lat. 34°07', long. 101°37'. Depth 200 feet.

Feb. 17, 1944	50.11	Feb. 24, 1948	62.41	Feb. 16, 1950	70.33
Mar. 14, 1947	58.74	Mar. 2, 1949	67.78	Jan. 9, 1953	85.49

1529. Lat. 34°04', long. 101°43'. Depth 240 feet.

Mar. 14, 1947	48.53	Mar. 3, 1949	52.61	Jan. 13, 1953	62.96
Feb. 28, 1948	50.27	Jan. 30, 1952	66.08		

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1604. Lat. $34^{\circ}06'$, long. $101^{\circ}52'$. Depth 200 feet.

Date	Water level	Date	Water level	Date	Water level
Mar. 21, 1947	62.07	Mar. 7, 1949	67.43	Jan. 29, 1952	74.23
Feb. 28, 1948	64.38	Jan. 19, 1951	71.32	Jan. 13, 1953	79.64

1609. Lat. $34^{\circ}04'$, long. $101^{\circ}52'$. Depth 200 feet.

Mar. 21, 1947	64.60	Feb. 16, 1950	73.30	Jan. 13, 1953	76.79
Feb. 28, 1948	67.54	Jan. 19, 1951	72.09		
Mar. 7, 1949	68.75	Jan. 29, 1952	72.43		

1811. Lat. $33^{\circ}52'$, long. $101^{\circ}47'$. Depth 220 feet.

Mar. 3, 1949	92.77	Jan. 30, 1952	97.69	Jan. 13, 1953	102.62
Jan. 22, 1951	107.10				

1921. Lat. $33^{\circ}53'$, long. $101^{\circ}36'$. Depth 180 feet.

Mar. 11, 1947	67.69	Mar. 2, 1949	75.19	Jan. 31, 1952	82.94
Feb. 28, 1948	70.49	Jan. 22, 1951	85.03	Jan. 13, 1953	85.74

1957. Lat. $33^{\circ}52'$, long. $101^{\circ}38'$.

Mar. 11, 1947	70.11	Mar. 3, 1949	75.44	Jan. 13, 1953	88.95
Feb. 28, 1948	72.38	Jan. 31, 1952	84.65		