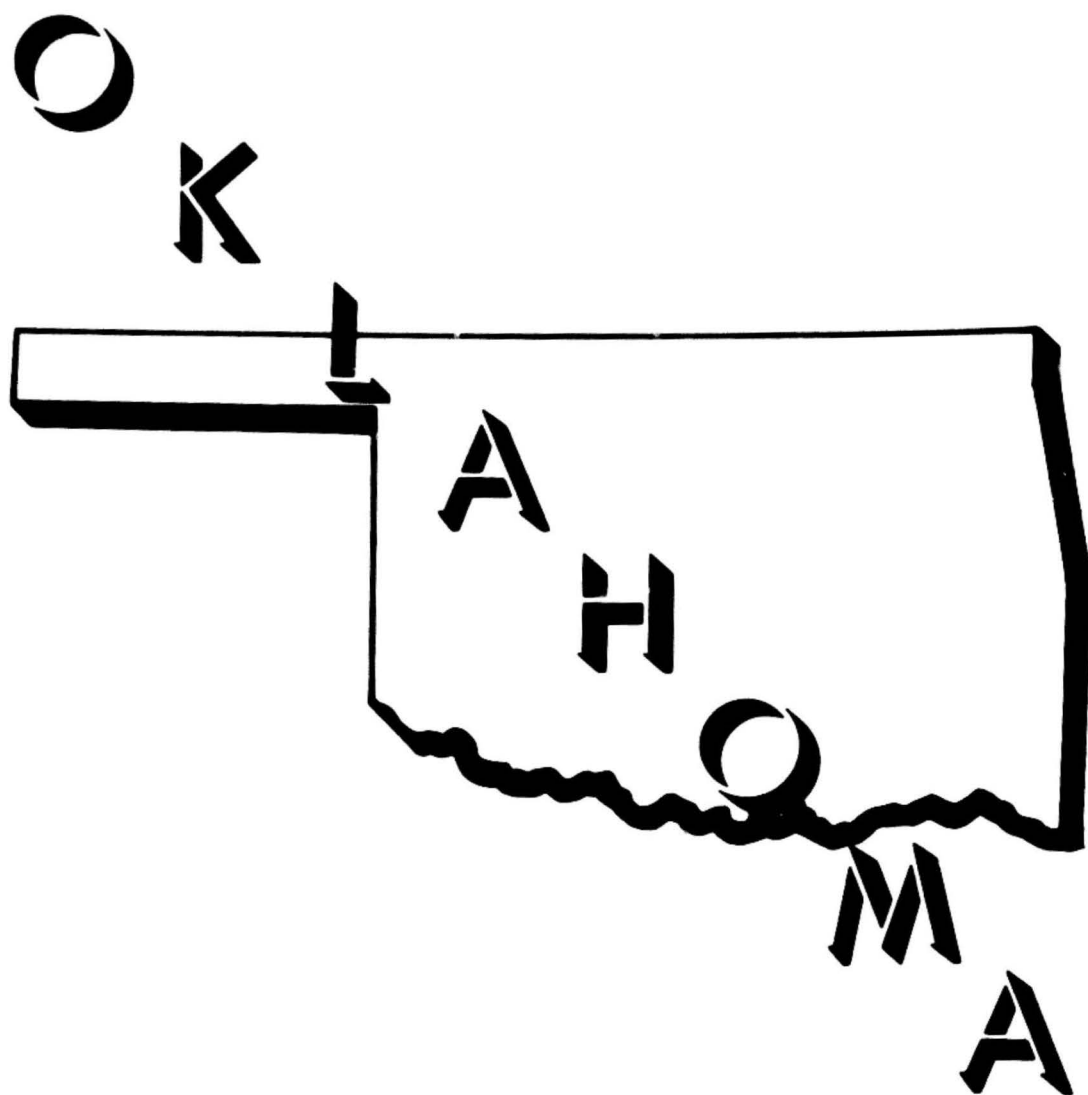


GROUND-WATER LEVELS 1969-1970



GROUND WATER

1972

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The United States Geological Survey

GROUND-WATER LEVELS IN OBSERVATION WELLS
IN OKLAHOMA, 1969-70

By

R. L. Moore

U.S. Geological Survey

72-463

Open-File Report

Prepared in cooperation with
the Oklahoma Water Resources Board

1972

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GROUND-WATER LEVELS IN OBSERVATION WELLS
IN OKLAHOMA, 1969-70

By Robert L. Moore

INTRODUCTION

Investigation of the ground-water resources of Oklahoma by the U.S. Geological Survey in cooperation with the Oklahoma Water Resources Board includes a continuing program to collect records of water levels in selected observation wells on a systematic basis. These water-level records: (1) provide an index to available ground-water supplies; (2) facilitate the prediction of trends in water levels that will indicate likely changes in storage; (3) aid in the prediction of base flow of streams; (4) provide information for use in basic research; (5) provide long-term continuous records of fluctuations of water levels in representative wells; and (6) serve as a framework to which other types of hydrologic data may be related.

Prior to 1956, measurements of water levels in observation wells in Oklahoma were included in Water-Supply Papers published annually by the U.S. Geological Survey (table 1). Beginning with the 1956 calendar year, however, Geological Survey water-level reports contain only records of a selected network of observation wells, and are published at 5-year intervals. The first of this series, for the 1956-59 period, was published in 1960.

Table 1.--U.S. Geological Survey Water-Supply Papers in which water-level measurements of observation wells in Oklahoma have been published.

Year	Water-Supply Paper	Year	Water-Supply Paper
1935	777	1947	1099
1936	817	1948	1129
1937	840	1949	1159
1938	845	1950	1168
1939	886	1951	1194
1940	909	1952	1244
1941	939	1953	1268
1942	947	1954	1324
1943	989	1955	1407
1944	1019	1956-59	1549
1945	1026	1960-64	1824
1946	1074	1965-69	1979

In addition to the Water-Supply Papers listed above, the U.S. Geological Survey, in cooperation with the Oklahoma Water Resources Board, has published the following informal reports on water levels in Oklahoma.

Ground-water levels in observation wells in Oklahoma, 1956-60

Ground-water levels in observation wells in Oklahoma, 1961-62

Ground-water levels in observation wells in Oklahoma, 1963-64

Ground-water levels in observation wells in Oklahoma, 1965-66

Ground water levels in observation wells in Oklahoma, 1967-68

Records of water-level measurements in wells in the Oklahoma Panhandle,
1966-70

Records of water-level measurements in wells in the Oklahoma Panhandle,
1971-72

The basic observation-well network in Oklahoma during the period 1969-70 included the following counties: Alfalfa, Beaver, Beckham, Caddo, Cimarron, Cleveland, Garfield, Garvin, Grady, Greer, Harmon, Jackson, Kingfisher, Le Flore, Major, Muskogee, Oklahoma, Payne, Pontotoc, Rogers, Sequoyah, Texas, Tillman, Wagoner, Washita, and Woodward. Table 2 includes the basic observation-well network and other wells measured by the U.S. Geological Survey.

The data in this report were compiled and prepared for publication under the cooperative agreement for ground-water investigations in Oklahoma between the Oklahoma Water Resources Board, the U.S. Army, Corps of Engineers, the Oklahoma Geological Survey, and the U.S. Geological Survey.

WELL-NUMBERING SYSTEM

The well-numbering system used in Oklahoma describes the well location and is based on the Bureau of Land Management system of land subdivision. In the system the first digit indicates the township, the second the range, and the third the section in which the well is located. The first lower-case letter denotes the quarter section (160-acre tract), the second the quarter-quarter section (40-acre tract), and the third the quarter-quarter-quarter section (10-acre tract). Within each 10-acre tract the wells are numbered serially as indicated by the final digit of the number. Thus, in Alfalfa County, the number indicates that the well is in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 28 N., R. 11 W., as shown in the accompanying diagram.

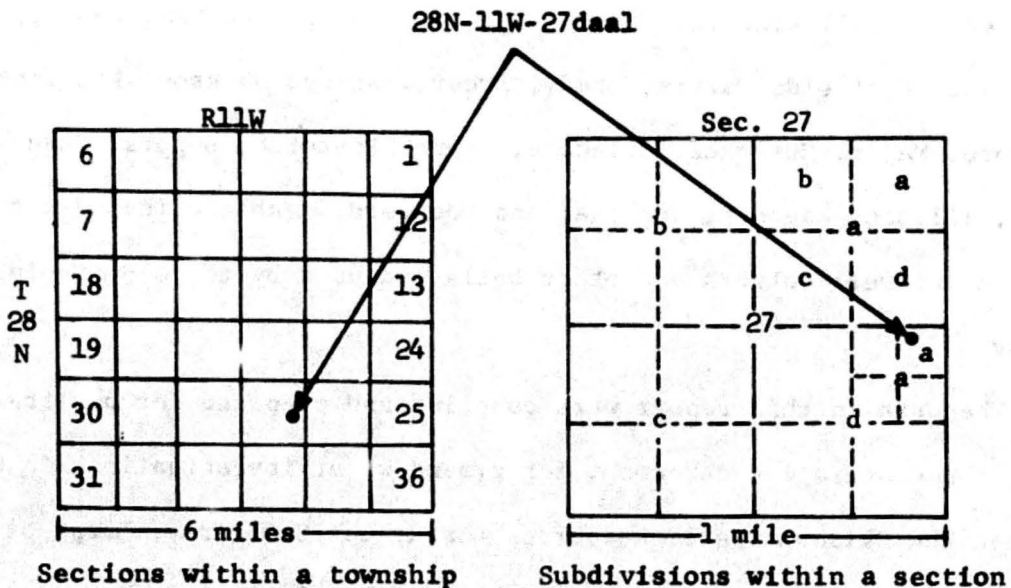


Figure 1.--Diagram showing well-numbering system used in Oklahoma.

In some areas, locations of observation wells are known only to the quarter section (160-acre tract) or quarter-quarter section (40-acre tract) and is so indicated by the well number.

RECORD OF WATER LEVELS

Records of ground-water levels for the 2-year period 1969-70 are listed in table 2. The water levels are listed with reference to land-surface datum, a precise datum plane that corresponds approximately to the land surface near each well. Measurements of depth to water are made from a fixed measuring point at the top of the well and a short distance above or below land-surface datum. The measurements then are adjusted so that the depth to water is reported in feet below the land-surface datum. For wells equipped with automatic water-level recorders, the lowest water levels are reported for the dates indicated in table 2.

Information for each well in table 2 is given in accordance with the following example for well 28N-11W-27daal in Alfalfa County (p. 7): Well number (28N-11W-27daal) as described on page 4; location within the section (NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$); owner (Benny Wagoner); depth (100 feet); land-surface datum (1,190 feet); aquifer or water-bearing formation (terrace deposit); highest water level measured during period of record and date (8.52 feet below land surface, Apr. 28, 1970); lowest water level measured during period of record and date (10.67 feet below land surface, Oct. 27, 1970; period of record during which measurements have been made (1967-70).

Symbols were used in table 2 to indicate the following: a, well being pumped when visited for measurement; b, well recently pumped; c, nearby well pumping when observation well was measured; e, estimated depth to water; h, tape measurement included with other water levels obtained by automatic recorders; com, end of month; lsd, land-surface datum, in feet above mean sea level.

Table 2.--Descriptions of observation wells and water levels
for the 2-year period 1969-70.

ALFALFA COUNTY

1969					1970						
<u>27N-9W-9b1.</u> NW¼. Owner, Oklahoma Wildlife Conservation Department. Depth, 27 ft. Terrace deposits. Highest, 1.75, Apr. 24, 1969; lowest, 5.31, Sept. 24, 1970. Records: 1966-1970.											
Jan.	8	2.06	July	16	4.18	Jan.	29	3.35	Aug.	27	3.83
Feb.	6	2.14	Sept.	11	4.27	Feb.	27	4.10	Sept.	24	5.31
Mar.	7	1.92	Oct.	10	4.05	Mar.	27	3.96	Oct.	27	4.40
Apr.	24	1.75	Nov.	21	4.04	Apr.	28	3.84	Nov.	24	4.13
May	22	4.10	Dec.	23	3.85	May	27	3.60	Dec.	22	
June	22	4.01				June	25	3.48			
<u>27N-11W-9dcl.</u> SW¼SW¼SE¼. Depth, 27 ft. Terrace deposits. Highest, 11.50, May 22, 1969; lowest, 13.62, Aug. 13, 1968. Records 1967-70.											
Jan.	8	12.65	July	16	11.64	Jan.	29	12.45			
Feb.	6	12.86	Sept.	11	12.45	Feb.	27	12.25			
Mar.	7	12.59	Oct.	10	12.18	Mar.	27	12.47			
Apr.	24	11.84	Nov.	21	12.35	Apr.	28	12.57			
May	22	11.50	Dec.	23	12.60	June	25	12.15			
June	26	12.04				Dec.	22	13.48			
<u>28N-10W-20bdal.</u> NE¼SE¼NW¼. Owner, Benny Wagoner. Depth, 36 ft. Terrace deposits. Highest, 9.63, Mar. 23, 1967; lowest, 11.30, Sept. 16, 1968. Records: 1967-70.											
Jan.	8	10.61	July	16	10.56	Jan.	29	10.22	Sept.	24	10.55
Feb.	6	10.47	Sept.	11	10.80	Feb.	27	10.13	Oct.	27	10.38
Mar.	7	10.32	Oct.	10	10.67	Mar.	27	10.14	Nov.	24	10.35
Apr.	24	10.10	Nov.	21	10.44	Apr.	28	10.45	Dec.	22	10.25
May	22	9.93	Dec.	23	10.36	June	25	9.98			
June	26	10.26				Aug.	27	10.78			

ALFALFA COUNTY, continued

1969					1970						
<u>28N-11-W-10ddd1.</u> SE½SE½SE½. Depth, 60 ft. Terrace deposits. Highest, 12.19. May 27, 1970; lowest, 14.53, Nov. 24, 1970. Records: 1967-70.											
Jan.	8	a	July	16	12.31	Jan.	29	a	Aug.	27	12.60
Feb.	6	a	Sept.	11	12.45	Feb.	27	a	Sept.	24	12.67
Mar.	7	a	Oct.	10	12.38	Mar.	27	12.39	Oct.	27	12.78
Apr.	24	a	Nov.	21	12.41	Apr.	28	a	Nov.	24	14.53
May	22	a	Dec.	23	a	May	27	12.19	Dec.	22	13.36
June	26	a				June	25	12.26			

28N-11W-27daal. NE½NE½SE½. Owner, Benny Wagoner. Depth, 100 ft. Lsd, 1,190. Terrace deposits. Highest, 8.52, Apr. 28, 1970; lowest, 10.67, Oct. 27, 1970. Records: 1967-70.

Jan.	8	9.98	July	16	9.63	Jan.	29	9.82	July	28	9.92
Feb.	6	9.81	Sept.	11	10.19	Feb.	27	9.70	Aug.	27	10.45
Mar.	7	9.81	Oct.	10	9.68	Mar.	27	9.70	Sept.	24	10.48
Apr.	24	9.44	Nov.	21	9.84	Apr.	28	8.52			
May	22	9.02	Dec.	23	9.80	May	27	8.90			
June	26	9.25				June	28	9.92			

ATOKA COUNTY

1969				1970			
<u>1N-15E-23ccc.</u> SW $\frac{1}{2}$ SW $\frac{1}{2}$ SW $\frac{1}{2}$. Depth, 29 ft. Lsd, 710. Stanley Shale. Well equipped with water-level recorder. Highest, 3.01, Mar. 21, 1970; lowest, 13.20, Sept. 19, 1970. Records: 1969-70.							
Nov.	18	10.50		Jan.	3		July 11 7.87
Nov.	23	11.07		Jan.	10	6.13	July 18 8.65
Nov.	30	10.46		Jan.	24	6.80	July 25 9.42
Dec.	6	10.30		Jan.	31	7.68	Aug. 1 10.14
Dec.	13	8.80		Feb.	7	7.32	Aug. 8 11.00
Dec.	20	9.07		Feb.	14	7.86	Aug. 16 11.76
Dec.	27	9.05		Feb.	21	8.65	Aug. 22 12.42
				Feb.	28	5.03	Aug. 29 12.81
				Mar.	7	5.50	Sept. 5 12.84
				Mar.	14	7.80	Sept. 12 13.19
				Mar.	21	3.01	Sept. 19 13.20
				Mar.	28	4.00	Sept. 26 12.77
				Apr.	4	5.00	Oct. 3 12.47
				Apr.	11	5.64	Oct. 10 12.25
				Apr.	18	6.30	Oct. 17 12.33
				Apr.	25	8.00	Oct. 24 12.09
				May	2	6.20	Oct. 31 10.90
				May	9		Nov. 7 10.87
				May	16		Nov. 14 10.85
				May	23	6.35	Nov. 21
				May	30	6.70	Nov. 28 10.38
				June	6	6.81	Dec. 5 10.65
				June	13	6.73	Dec. 12 10.71
				June	20	6.14	Dec. 19 11.05
				June	27	6.76	Dec. 26 10.86
				July	4	7.39	

BEAVER COUNTY

1N-28E-34baal. NE $\frac{1}{2}$ NE $\frac{1}{2}$ NW $\frac{1}{2}$. Owner, L. M. Vincent. Ogallala Formation. Highest, 59.19, Apr. 18, 1969; lowest, 61.52, Jan. 14, 1970. Records: 1968-70.

Jan. 14	60.76	June 26	59.91	Jan. 14	61.52	June 18	61.18
Feb. 25	59.26	Sept. 25	60.04	Mar. 26	60.40	Sept. 29	60.37
Apr. 18	59.19	Oct. 22	60.09	Apr. 23	61.39	Dec. 16	60.81
May 22	59.95	Dec. 14	60.96				

BEAVER COUNTY, continued

1969					1970						
<u>2N-20E-1aaa.</u> NE½NE½NE½. Owner, W. H. Williams. Ogallala Formation. Highest, 53.81, Oct. 22, 1970; lowest, 56.37, Aug. 8, 1969. Records: 1968-70.											
Jan.	14	55.16	Aug.	8	56.37	Jan.	13	54.81	May	12	54.90
Feb.	25	55.24	Sept.	24	54.58	Mar.	26	54.70	Oct.	22	53.81
Apr.	16	54.96	Oct.	17	54.64	Apr.	23	54.94	Dec.	16	54.52
May	22	55.11	Nov.	13	55.13						
June	19	54.87									

<u>2N-22E-27dad1.</u> SE½NE½SE½. Owner, Mary Love. Ogallala Formation. Highest, 122.89, Nov. 13, 1969; lowest 125.15, May 12, Aug. 19, 1970. Records: 1967-70.							
Jan. 14	123.80	Aug. 8	123.45	Jan. 13	124.00	Aug. 19	125.15
Feb. 25	123.99	Sept. 24	123.19	Mar. 26	123.21	Sept. 29	125.07
Apr. 16	124.02	Oct. 17	123.36	Apr. 23	125.12	Oct. 22	123.34
May 22	123.97	Nov. 13	122.89	May 12	125.15	Nov. 19	123.43
June 19	124.31	Dec. 14	123.41	June 18	125.04	Dec. 16	123.52

2N-24E-7ccd1. SE½SW½SW½. Owner, James W. Parker. Depth, 94 ft. Ogallala Formation. Highest, 72.62, Jan. 14, 1970; lowest, 77.20, Oct. 5, 1956. Records: 1946-70.

Apr. 18	75.44	Oct. 17	75.15	Jan. 14	72.62	Aug. 19	75.93
May 22	75.53	Nov. 13	75.21	Mar. 26	75.41	Sept. 28	75.74
June 19	75.59	Dec. 14	75.24	Apr. 23	76.26	Oct. 22	75.53
Aug. 8	74.97			May 12	76.24	Nov. 19	75.63
Sept. 24	75.29			June 18	75.86	Dec. 16	75.59

2N-24E-24cbb1. NW½NW½SW½. Owner, A. L. Evans. Ogallala Formation. Highest, 182.01, Jan. 14, 1970; lowest, 194.73, Dec. 16, 1970. Records: 1967-70.

Jan. 15	183.13	Sept. 25	184.61	Jan. 14	182.01	Oct. 22	187.13
Feb. 25	185.79	Oct. 22	186.39	Mar. 26	186.69	Nov. 19	183.93
Apr. 16	186.32	Nov. 13	185.66	Apr. 23	184.83	Dec. 16	194.73
May 22	185.34	Dec. 14	185.61	June 18	190.47		
June 19	184.80						

4N-20E-19bcc1. SW½SW½NW½. Owner, J. L. Mitchell. Ogallala Formation. Highest, 94.08, Feb. 8, 1968; lowest, 97.89, Aug. 13, 1968. Records: 1968-70.

Jan. 14	95.16	June 19	94.68	Jan. 14	94.92	June 18	94.28
Feb. 25	95.09	Sept. 24	95.72	Feb. 19	95.01	Aug. 19	94.42
Apr. 16	94.81	Oct. 17	95.41	Mar. 19	94.90	Oct. 20	97.37
May 22	94.94	Dec. 14	95.11	May 12	95.32	Nov. 17	96.83
						Dec. 15	96.39

BEAVER COUNTY, continued

1969				1970			
<u>4N-28E-6adal.</u> NE½SE½NE½. Owner, J. E. Newby. Depth, 70 ft. Ogallala Formation. Highest, 51.86, May 16, 1966; lowest, 58.52, June 15, 1940. Records: 1940, 1956-70.							
Jan. 15	56.48	Sept. 25	57.06	Jan. 13	54.78	Dec. 16	55.37
Feb. 25	56.53	Oct. 22	55.56	Feb. 26	54.87		
Apr. 18	56.63	Nov. 13	55.18	Oct. 30	55.28		
May 22	56.83	Dec. 14	54.96	Nov. 19	55.30		
June 26	56.79						
<u>5N-21E-12ddd1.</u> SE½SE½SE½. Owner, A. J. Isaacs. Depth, 208 ft. Lsd, 2,705.2. Ogallala Formation. Highest, 172.53, June 19, 1969; lowest, 192.41, Nov. 26, 1938. Records: 1938-70.							
Jan. 14	176.80	Aug. 8	179.93	Jan. 14	174.28		
Feb. 25	175.86	Sept. 24	179.78	Discontinued.			
Apr. 16	176.27	Oct. 17	179.24				
May 22	179.23	Nov. 13	179.46				
June 19	172.53	Dec. 14	179.36				
<u>5N-24E-8ccc2.</u> SW½SW½SW½. Owner, Gilbert Hodges. Depth, 72 ft. Ogallala Formation. Highest, 43.41, May 27, 1953; lowest 52.79, Jan. 27, 1941. Records: 1938-65; 1968-70.							
Jan. 27	45.28	Aug. 8	44.37	Jan. 13	44.06		
Feb. 25	44.21	Sept. 24	44.37	Discontinued.			
Apr. 16	44.09	Oct. 17	44.18				
May 22	44.64	Nov. 13	45.76				
June 19	43.97	Dec. 14	46.34				
<u>5N-27E-19bcb1.</u> (previously shown as 19bbc). NW½SW½NW½. Owner, Bertha Sutherland. Ogallala Formation. Highest, 158.57, June 18, 1970; lowest 173.51, Dec. 18, 1968. Records: 1940; 1968-70.							
Jan. 15	160.28	Oct. 22	160.81	Jan. 13	159.03		
Feb. 25	166.24	Nov. 13	160.57	Mar. 26	158.61		
Jun 26	160.51	Dec. 14	160.74	June 18	158.57		
Sept. 25	160.29			Discontinued.			

BEAVER COUNTY--continued

1969						1970		
<u>6N-21E-15cddl.</u> SE½SE½SW½. Owner, J. E. Heitz. Depth, 208 ft. Ogallala Formation. Highest, 182.02, Nov. 18, 1968; lowest, 201.67, June 21, 1940. Records: 1940, 1956-70.								
Jan.	14	182.21	Aug.	8	183.12	Jan.	14	182.99
Feb.	25	182.19	Sept.	24	182.99	Mar.	26	185.49
Apr.	18	182.17	Oct.	17	182.96	May	12	182.95
May	22	182.14	Nov.	13	182.48	Discontinued.		
June	19	182.09	Dec.	14	182.56			

BECKHAM COUNTY

8N-24W-2dddl. SE½SE½SE½. Owner, Mrs. C. E. Waters. Depth, 29 ft. Terrace deposits. Highest, 11.39, Sept. 26, 1962; lowest, dry at 29 ft, Apr. 3, 1957. Records: 1952-70.

Jan.	2	19.25	July	20	17.20	Jan.	27	21.50	Aug.	26	26.92
Feb.	3	19.67	Sept.	5	20.48	Feb.	25	21.83	Sept.	24	27.45
Mar.	10	19.82	Oct.	8	20.82	Mar.	25	21.98	Oct.	23	27.40
Apr.	8	19.11	Nov.	19	21.16	Apr.	22	22.30	Dec.	2	27.25
May	8	17.59	Dec.	12	21.28	May	28	23.43	Dec.	29	27.50
June	18	16.03					June	24	24.17		

9N-25W-19cccl. SW½SW½SW½. Depth, 36 ft. Terrace deposits. Highest, 17.75, June 18, 1963; lowest, 23.72, Nov. 28, 1956. Records: 1951-70.

Jan.	2	19.47	July	20	19.08	Jan.	27	20.06	Sept.	24	21.58
Feb.	3	19.60	Sept.	5	19.63	Feb.	25	20.21	Oct.	23	21.93
Mar.	10	19.55	Oct.	8	20.04	Mar.	25	19.97	Dec.	2	22.09
Apr.	8	19.27	Nov.	19	20.27	Apr.	22	20.00	Dec.	29	22.10
May	8	19.15	Dec.	12	20.12	May	28	20.18			
June	18	18.78					June	24	20.47		

9N-25W-31bcbl. NW½SW½NW½. Depth, 35 ft. Terrace deposits. Highest, 8.19, May 8, 1969; lowest, 21.00, Sept. 19, 1956. Records: 1951-70.

Jan.	2	12.84	June	18	11.34	Feb.	25	15.36	Aug.	26	a
Feb.	3	13.13				Mar.	25	15.30	Sept.	24	17.06
Mar.	10	12.66				Apr.	22	15.15	Oct.	23	17.17
Apr.	8	11.90				May	28	15.63	Dec.	2	17.09
May	8	8.19				June	24	14.96			

BECKHAM COUNTY, continued

1969				1970			
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9N-25W-34bbb. NW¼NW¼NW¼. Owner, J. H. Hester. Depth, 79 ft. Terrace deposits. Highest, 35.78, June 18, 1969; lowest, 51.77, Feb. 26, 1958. Records: 1951-69.

Jan.	2	36.52	June	18	35.78	No record for 1970.
Feb.	3	36.53	July	20	a	
Mar.	10	36.27	Sept.	5	37.64	
Apr.	8	35.98	Oct.	8	37.25	
May	8	36.02				

9N-26W-8bc1. SW¼NW¼. Depth, 63 ft. Terrace deposits. Highest, 55.60, Oct. 9, 1968; lowest, dry at 63 ft., Sept. 27, 1961. Records: 1951-70.

Jan.	2	56.80	July	20	57.05	Jan.	27	58.13	Aug.	26	56.77
Feb.	3	57.10	Sept.	5	56.88	Feb.	25	57.23	Sept.	24	56.35
Mar.	10	56.95	Oct.	8	56.98	Mar.	25	57.57	Oct.	23	56.67
Apr.	8	56.95	Nov.	19	57.15	Apr.	22	56.98	Dec.	2	56.84
May	8	56.66	Dec.	12	57.10	May	28	57.15	Dec.	29	57.10
June	18	56.93						June	24	56.96	

9N-26W-33bb1. NW¼NW¼. Owner, Edith Woolsey. Depth, 33 ft. Terrace deposits. Highest, 7.46, July 13, 1965; lowest, 17.16, Feb. 27, 1957. Records: 1951-70.

Jan.	2	11.43	July	20	10.58	Jan.	27	12.47	Aug.	26	13.18
Feb.	3	11.69	Sept.	5	11.34	Feb.	25	12.75	Sept.	24	14.33
Mar.	10	11.70	Oct.	8	11.84	Mar.	25	12.79	Oct.	23	13.57
Apr.	8	11.20	Nov.	19	12.20	Apr.	22	12.88	Dec.	2	13.70
May	8	10.94	Dec.	12	12.31	May	28	12.89	Dec.	29	13.80
June	18	10.20						June	24	12.93	

CADDO COUNTY

9N-12W-1dbb1. NW¼NW¼SE¼. Owner, Fred Mencke. Depth, 318 ft. Rush Springs Sandstone. Highest, 81.95, May 28, 1965; lowest, 97.88, Sept. 9, 1969. Records: 1965-70.

Jan.	2	85.28	July	20	a	Jan.	28	85.08	July	23	a
Feb.	3	86.78	Sept.	9	97.88	Feb.	25	84.39	Aug.	27	a
Mar.	10	85.33	Oct.	8	87.04	Mar.	26	85.27	Sept.	25	89.50
Apr.	8	84.69	Nov.	20	86.09	Apr.	23	85.80	Oct.	27	88.25
May	6	83.51	Dec.	12	84.28	May	27	85.19	Dec.	2	89.56
June	6	84.76				June	25	84.73	Dec.	30	a

CADDO COUNTY, continued

1969					1970				
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9N-13W-28ddd1. SE $\frac{1}{2}$ SE $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, U.S. Geological Survey. Depth, 335 ft. Rush Springs Sandstone. Well equipped with water-level recorder. Highest, 34.71, Aug. 13, 1949; lowest, 43.77, Aug. 10, 1966. Records: 1948-70.

Jan.	2	41.83	July	20	40.74	Jan.	27	40.98	July	23	41.95
Feb.	3	41.00	Sept.	9	40.80	Feb.	25	41.31	Aug.	27	42.25
Mar.	10	40.95	Oct.	8	40.73	Mar.	26	41.35	Sept.	25	42.45
Apr.	8	41.83	Nov.	19	40.98	Apr.	23	41.49	Oct.	27	42.49
May	6	41.89	Dec.	12	41.02	May	27	41.64	Dec.	2	42.49
June	6	41.88				June	25	41.68	Dec.	30	41.57

10N-12W-14bcd1. SE $\frac{1}{2}$ SW $\frac{1}{2}$ NW $\frac{1}{2}$. Owner, Morris Harvey. Depth, 335 ft. Rush Springs Sandstone. Highest, 75.51, Apr. 6, 1965; lowest, 98.04, July 15, 1966. Records: 1965-70.

Jan.	2	84.24	July	20	a	Jan.	28	85.78	July	23	a
Feb.	3	84.47	Sept.	9	a	Feb.	25	85.87	Aug.	27	a
Mar.	10	84.06	Oct.	8	88.43	Mar.	26	85.53	Oct.	27	92.05
Apr.	8	83.30	Nov.	20	87.40	Apr.	23	a	Dec.	3	90.80
May	6	81.99	Dec.	12	88.45	May	27	a	Dec.	30	90.32
June	6	a				June	25	85.98			

10N-12W-23bb2. NW $\frac{1}{2}$ NW $\frac{1}{2}$. Owner, Smith Grape Nursery. Depth, 228 ft. Rush Springs Sandstone. Well equipped with water-level recorder. Highest, 60.35, Dec. 16, 1955; lowest, 83.27, Oct. 27, 1970. Records: 1955-70.

Jan.	2	77.95	July	20	77.86	Jan.	28	77.78	July	23	79.48
Feb.	3	78.05	Sept.	9	79.36	Feb.	25	77.52	Aug.	27	80.74
Mar.	10	77.62	Oct.	8	78.18	Mar.	26	77.49	Sept.	25	81.30
Apr.	8	77.10	Nov.	20	78.66	Apr.	23	77.22	Oct.	27	83.27
May	6	77.05	Dec.	12	78.30	May	27	76.95	Dec.	3	81.55
June	6	76.69				June	25	77.84	Dec.	30	80.50

10N-13W-9dcbl. NW $\frac{1}{2}$ SW $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, Frank Lasley. Depth, 360 ft. Rush Springs Sandstone. Highest, 79.07, May 6, 1969, Apr. 23, 1970; lowest, 106.55, July 20, 1969. Records: 1965-70.

Jan.	2	79.54	July	20	106.55	Jan.	28	79.30	July	23	a
Feb.	3	79.46	Sept.	9	81.56	Feb.	25	79.43	Aug.	27	88.10
Mar.	10	79.38	Oct.	8	81.00	Mar.	26	79.24	Sept.	25	88.17
Apr.	8	79.08	Nov.	20	80.10	Apr.	23	79.07	Oct.	27	83.18
May	6	79.07	Dec.	12	79.80	May	27	a	Dec.	2	81.80
June	6	79.10				June	25	a	Dec.	30	81.31

CADDO COUNTY, continued

1969					1970						
<u>11N-13W-21ddd1. SE$\frac{1}{4}$SE$\frac{1}{4}$SE$\frac{1}{4}$. Owner, Caddo Electric Co-op. Rush Springs Sandstone. Well equipped with water-level recorder. Highest, 58.06, Aug. 2, 1965; lowest, 63.07, Jan. 17, 1968. Records: 1965-70.</u>											
Jan.	2	60.18	July	20	60.09	May	27	60.46	Oct.	27	62.06
Feb.	3	59.50	Sept.	9	60.35	June	25	60.38	Dec.	2	62.14
Mar.	10	60.50	Oct.	8	60.37	July	23	69.80	Dec.	30	62.13
Apr.	8	60.28	Nov.	20	60.47	Aug.	27	61.34			
May	6	60.40				Sept.	25	61.86			

CHOCTAW COUNTY

6S-13E-14ddc. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, Cecil Hall. Depth, 29 ft. Lsd, 600. Bokchito Formation. Well equipped with water-level recorder. Highest, 6.42, Mar. 28, 1970; lowest 12.90, Dec. 12, 1970. Records: 1970.

Jan.	3	12.10	Aug.	1	12.07
	10	10.93		8	12.12
	31	11.40		16	12.45
Feb.	7	9.23		22	12.45
	14	9.80		29	12.65
	21	9.20	Sept.	5	12.66
Mar.	28	6.42		12	12.68
Apr.	4	7.00		19	12.65
	11	7.50		26	12.72
	18	8.00	Oct.	3	12.60
	25	7.80		10	12.57
May	2	8.15		17	12.69
	9	8.70		24	12.34
	16	9.10		31	12.46
	23	9.52	Nov.	7	12.48
	30	9.95		14	12.82
June	6	10.27		24	12.59
	13	10.64		29	12.65
	20	10.93	Dec.	5	12.81
	27	11.10		12	12.90
July	4	11.34		19	12.81
	11	11.50		26	12.60
	18	11.69			
	25	12.00			

CIMARRON COUNTY

1969			1970		
1N-2E-11abb1. NW1/4NW1/4NE1/4. Owner, Russell McDaniel. Depth, 168 ft. Ogallala Formation and Dakota Sandstone. Well equipped with water-level recorder. Highest, 93.30, Jan. 31, 1970; lowest 99.38, Aug. 18, 1966. Records: 1966-70.					
Day	Jan.	July	Day	Jan.	July
5	95.26	95.69	5	94.13	
10	95.18	95.92	10	93.92	
15	94.99	96.19	15	93.85	
20	94.84		20	93.87	
25	94.71		25	93.77	
eom	94.58		eom	93.30	
	Feb.	Aug.		Feb.	Aug.
5	94.39		5	93.71	
10	94.44		10	93.83	
15	94.20		15	94.10	
20	94.20		20	94.21	
25	94.13		25	94.86	
eom	94.20	98.21	eom	94.81	
	Mar.	Sept.		Mar.	Sept.
5	94.13	98.08	5	94.83	
10	94.09	97.81	10	94.92	
15	93.88	97.44	15	94.03	
20	93.80	97.08	20	95.26	
25	93.77	96.82	25	95.29	
eom	93.63	96.51	eom	95.18	
	Apr.	Oct.		Apr.	Oct.
5	93.65	96.64	5	95.28	
10	93.76	96.17	10	95.39	
15	93.95	95.99	15	94.87	
20	94.11	95.87	20		
25		95.66	25	96.69	
eom		95.42	eom	96.98	
	May	Nov.		May	Nov.
5		94.55	5	97.27	
10		95.13	10	97.48	
15	95.24	95.00	15	97.73	
20	95.05	94.93	20	97.89	
25	95.11	94.83	25	Discontinued.	
eom	95.26	94.70			
	June	Dec.			
5	95.55	94.58			
10	95.81	94.50			
15	96.07	94.41			
20	95.77	94.23			
25	95.35	94.22			
eom	95.66	94.10			

CIMARRON COUNTY, continued

1969

1970

1N-2E-27bccl. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, State of Oklahoma. Ogallala Formation and Dakota Sandstone. Highest, 88.45, Mar. 1, 1967; lowest, 90.60, Dec. 17, 1970. Records: 1966-70.

Jan.	16	89.18	Aug.	6	89.39	Jan.	14	89.32	Oct.	21	90.17
Feb.	13	89.33	Sept.	22	89.37	Feb.	12	89.32	Nov.	24	89.61
Apr.	15	89.29	Oct.	21	89.53	Mar.	17	89.24	Dec.	17	90.60
May	20	89.36	Nov.	10	89.58	Apr.	22	89.26			
June	16	89.32	Dec.	13	89.61	May	28	89.96			

1N-4E-9ddd1. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, Louise Brooks. Depth, 82 ft. Ogallala Formation. Highest, 59.24, Oct. 2, 1970; lowest 71.72, Oct. 28, 1938. Records: 1938, 1966-70.

Jan.	14	61.79	Aug.	6	60.97	Jan.	15	61.05	Aug.	17	59.47
Feb.	13	60.97	Sept.	22	60.88	Feb.	12	60.87	Oct.	2	59.24
Apr.	15	60.92	Oct.	21	60.92	Mar.	17	60.98	Oct.	21	60.35
May	20	60.94	Nov.	10	60.90	Apr.	22	60.46	Nov.	24	60.30
June	16	60.89	Dec.	13	60.87	May	28	60.44	Dec.	17	60.36

1N-4E-30ddd1. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, W. R. Young. Depth, 67 ft. Ogallala Formation. Highest, 49.19, Jan. 17, 1967; lowest, dry, Oct. 21, 1968. Records: 1938; 1966-70.

Jan.	14	50.90	June	16	51.61
Feb.	13	51.67	Aug.	6	-
Apr.	15	51.74	Sept.	22	-
May	20	51.69	Oct.	21	-

Discontinued.

1N-7E-28bad1. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, U.S. Government. Depth, 80 ft. Ogallala Formation. Highest, 190.33, Oct. 21, 1968; lowest, 200.00, Oct. 26, 1938. Records: 1938, 1956-70.

Jan.	15	191.45	Sept.	22	191.39	Jan.	14	192.89	Aug.	17	192.83
Feb.	13	191.40	Oct.	21	193.02	Feb.	12	192.75	Oct.	2	192.64
Apr.	15	191.42	Nov.	10	192.97	Mar.	17	192.67	Oct.	21	193.01
May	20	191.48	Dec.	13	192.11	May	28	191.83	Nov.	24	192.77
June	16	191.51				June	23	192.13	Dec.	21	192.97

CIMMARON COUNTY, continued

1969				1970			
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2N-1E-27cad1. SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, Lester Clark. Depth, 108 ft. Dakota Sandstone. Highest, 95.16, Jan. 16, 1968; lowest, 97.47, Aug. 31, 1966. Records: 1966-70.

Jan.	14	96.80	Sept.	22	96.37	Jan.	13	96.92	Aug.	17	96.57
Feb.	13	96.43	Oct.	21	96.66	Feb.	12	96.33	Sept.	21	96.8
Apr.	15	96.48	Nov.	10	96.63	Mar.	17	96.37	Oct.	21	96.50
May	20	96.47	Dec.	13	96.67	Apr.	22	96.71	Nov.	24	96.50
June	16	96.44				May	28	96.45	Dec.	17	96.68

2N-7E-6aaal. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, Katherine J. Falkers. Depth, 144 ft. Ogallala Formation. Highest, 136.37, Mar. 1, 1967; lowest, 143.39, Oct. 21, 1970. Records: 1967-70.

Jan.	20	140.07	Sept.	22	140.57	Jan.	14		Aug.	17	141.58
Feb.	13	140.67	Oct.	21	140.79	Feb.	11	141.04	Oct.	21	143.39
Apr.	15	139.93	Nov.	20	140.64	Mar.	17	142.75	Nov.	24	142.21
May	20	139.83	Dec.	13	140.67	Apr.	22	142.73	Dec.	21	142.58
June	16	139.77				May	28	141.41			
						June	23	141.67			

3N-2E-28cccl. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, State of Oklahoma. Depth, 149 ft. Ogallala Formation. Highest, 15.62, June 1, 1967; lowest, 88.88, Apr. 22, 1939. Records: 1939; 1967-70.

Jan.	15	27.51	Sept.	22	25.32	Jan.	15	38.15	Aug.	17	26.31
Feb.	13	33.59	Oct.	21	15.19	Feb.	12	38.39	Sept.	21	26.28
Apr.	15	32.86	Nov.	10	25.41	Mar.	17	38.64	Oct.	21	29.38
May	20	32.79	Dec.	13	25.34	Apr.	22	38.70	Nov.	24	30.41
June	16	32.64				May	28	29.28	Dec.	17	30.93
Aug.	6	25.01				June	23	30.14			

3N-7E-9bbbl. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, E. J. Behrendt. Depth, 61, ft. Ogallala Formation. Highest, 30.58, Aug. 17, 1970; lowest, 46.96, Jan. 23, 1941. Records: 1938-70.

Jan.	15	32.12	Sept.	22	30.88	Jan.	15		Oct.	21	31.36
Feb.	13	32.41	Oct.	21	31.04	Feb.	12	30.87	Nov.	24	31.33
Apr.	15	32.27	Nov.	10	30.75	Apr.	22	30.78	Dec.	21	31.39
May	20	32.29	Dec.	13	30.96	May	28	31.08			
June	18	31.59				June	23	30.93			
						Aug.	17	30.58			

4N-6E-2cdb1. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, Ed Sellars. Ogallala Formation. Highest, 199.20, Jan. 27, 1967; lowest, 207.81, Sept. 25, 1967. Records: 1967-70.

Jan.	14		Sept.	22	202.34	Jan.	13	202.99	Aug.	17	203.31
Feb.	13	201.87	Oct.	21	202.59	Feb.	12	202.89	Oct.	21	204.07
Apr.	15	201.92				Mar.	17	202.89	Nov.	24	204.05
May	20	201.97				May	28	203.08	Dec.	21	204.21
June	16	202.06				June	23	203.24			

CIMARRON COUNTY, continued

1969			1970		
5N-2E-30ccc1. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$. (Previously listed as 5N-1E-25ddd2.) Owner, W. M. Roberts. Cheyenne Sandstone Member of Purgatoire Formation. Well equipped with water-level recorder. Highest, 10,50, June 20, 1969; lowest, 12.57, Sept. 10, 1970.					
Day	Jan.	July	Day	Jan.	July
5	11.75	11.13	5		11.97
10	11.74	11.25	10		12.03
15	11.74	11.23	15	11.20	12.10
20	11.73	11.48	20	11.21	12.13
25	11.73	11.54	25	11.20	12.14
eom	11.73	11.67	eom	11.21	12.21
	Feb.	Aug.		Feb.	Aug.
5	11.72	11.67	5	11.22	12.29
10	11.72	11.69	10	11.22	12.33
15	11.71	11.68	15	11.22	12.38
20	11.71	11.69	20	11.24	12.37
25	11.71		25	11.23	12.41
eom	11.71	11.34	eom	11.23	12.49
	Mar.	Sept.		Mar.	Sept.
5	11.70	11.35	5	11.23	12.53
10	11.69	11.43	10	11.23	12.57
15	11.69	11.49	15	11.22	12.50
20	11.67	11.25	20	11.30	12.53
25	11.26	11.22	25	11.30	12.38
eom	11.21	11.28	eom	11.29	12.38
	Apr.	Oct.		Apr.	Oct.
5	11.26	11.32	5	11.30	12.41
10	11.33	11.33	10	11.30	12.37
15	11.36	11.28	15	11.30	12.31
20	11.36	11.29	20	11.27	12.25
25	11.33	11.24	25	11.30	12.22
eom	11.38	11.26	eom	11.31	12.18
	May	Nov.		May	Nov.
5		11.26	5	11.33	12.14
10		11.27	10	11.35	12.12
15	11.05	11.23	15	11.38	12.08
20	11.14	11.24	20		12.04
25	11.22	11.25	25		12.01
eom	11.11	11.24	eom	11.55	12.00
	June	Dec.		June	Dec.
5	10.89	11.24	5	11.57	11.99
10	10.95	11.24	10	11.63	11.97
15	11.07	11.26	15	11.67	11.95
20	10.50	11.25	20	11.76	11.94
25	10.72	11.26	25	11.85	11.92
eom	10.94	11.26	eom	11.91	11.91

CIMARRON COUNTY, continued

1969

1970

5N-9E-5aaa1. NE½NE½NE½. Owner, J. N. Van Leer. Depth, 227 ft. Lsd, 3,746. Ogallala Formation. Highest, 176.58, Apr. 16, 1968; lowest 184.90, Aug. 18, 1938. Records: 1838; 1956-70.

Jan.	14	177.80	Aug.	6	177.73	Jan.	13	177.84	June	23	177.58
Feb.	13	177.97	Sept.	22	177.89	Feb.	12	177.81	Aug.	17	177.70
Apr.	13	177.76	Oct.	21	177.91	Mar.	17	177.79	Oct.	21	177.57
May	20	177.74	Nov.	10	177.90	Apr.	22	177.89	Nov.	24	177.60
June	16	177.66	Dec.	13	177.98	May	28	177.68	Dec.	21	177.70

CLEVELAND COUNTY

6N-1W-6dad1. SE½NE½SE½. Owner, U.S. Geological Survey. Depth, 23 ft. Lsd, 1,034. Alluvium. Highest, 1.77, Jan. 25, 1960; lowest 12.91, Sept. 1, 1970. Records: 1947-70.

Jan.	20	7.77	Sept.	23	10.32	Jan.	13	10.30	July	2	11.31
Feb.	25	6.28	Oct.	27	10.66	Feb.	10	10.42	July	30	12.14
Mar.	25	6.09	Dec.	3	10.80	Mar.	11	10.58	Sept.	1	12.91
Apr.	23	6.19				Apr.	7	10.42	Oct.	1	11.65
May	22	6.70				May	7	10.02	Oct.	30	10.86
June	23	7.94				June	8	9.99	Nov.	30	11.76

8N-2W-9bbal. Owner, U.S. Navy. Depth, 545 ft. Garber Sandstone. Highest, 166.04, Mar. 25, 1952; lowest, dry at 245.70, July 24, 1964. Records: 1951-42, 1955-70.

Jan.	20	170.78	Sept.	23	173.05	Jan.	13	171.43	July	2	170.47
Feb.	25	168.76	Oct.	27	172.45	Feb.	10	170.23	July	30	170.98
Mar.	25	168.57	Dec.	3	172.56	Mar.	11	169.69	Sept.	1	172.87
Apr.	23	167.84				Apr.	7	169.58	Oct.	1	171.89
May	22	170.03				May	7	169.49	Oct.	30	171.29
June	23	169.83				June	8	169.26	Nov.	30	170.68

8N-2W-27acd1. SE½SW½NE½. Owner, town of Noble. Depth, 461 ft. Garber Sandstone. Highest, 165.43, July 7, 1943; lowest, 221.74, Dec. 23, 1948. Records: 1943-70.

Jan.	20	197.45	June	23	197.62	Feb.	10	199.10	July	30	211.60
Feb.	25	196.82	Sept.	23	-	Mar.	11	199.62	Sept.	1	211.77
Mar.	25	195.97	Oct.	27	202.30	Apr.	7	198.69	Oct.	1	206.61
Apr.	23	196.95	Dec.	3	201.46	May	7	198.90	Nov.	30	203.60
May	22	197.65				June	8	200.87			

CLEVELAND COUNTY, continued

1969			1970		
9N-1W-30dbb1. NW¼NW¼SE¼. Owner, H. and H. Oil Co. (Landsaw). Depth, 214 ft. Lsd, 1,174. Garber Sandstone. Well equipped with water-level recorder. Highest, 40.19, Nov. 10, 1962; lowest, 156.42, Oct. 24, 1956. Records: 1940; 1944-70.					
Day	Jan.	July	Day	Jan.	July
5		43.13	5		44.01
10		43.21	10		43.82
15		43.36	15	43.74	44.01
20	h43.62	43.39	20	44.01	44.11
25			25	43.68	44.07
eom			eom	44.03	43.91
	Feb.	Aug.		Feb.	Aug.
5			5	44.00	44.14
10			10	43.98	44.18
15			15	44.10	44.29
20			20	44.46	44.25
25	h44.67		25	44.05	44.31
eom	43.79		eom	43.70	44.42
	Mar.	Sept.		Mar.	Sept.
5	43.55		5	43.91	44.15
10			10	43.92	44.70
15			15	44.12	44.39
20			20	44.24	44.22
25	h43.81	43.37	25	43.98	44.40
eom	43.81	43.42	eom	44.05	44.23
	Apr.	Oct.		Apr.	Oct.
5	43.54	43.59	5	44.33	43.94
10	43.56	43.15	10	44.19	44.01
15	43.32	43.55	15	44.00	44.25
20	43.32	43.58	20	43.67	43.78
25	43.29	43.62	25	44.00	43.46
eom	43.27	43.57	eom	43.96	43.78
	May	Nov.		May	Nov.
5	43.10	43.54	5	44.17	43.82
10	43.29	43.56	10	43.75	43.62
15	43.11	43.62	15	44.08	43.87
20	43.19	43.93	20	43.83	43.56
25	43.07	43.86	25	43.75	43.34
eom	42.80		eom	43.70	43.27
	June	Dec.		June	Dec.
5	43.11	43.55	5	43.86	43.70
10	43.06	43.42	10	43.52	43.42
15	43.27	43.71	15	43.72	43.25
20	42.95	43.65	20	43.74	43.50
25	42.83	43.71	25	43.71	43.58
eom	43.36	43.69	eom	43.98	43.38

CREEK COUNTY

1969

1970

17N-8E-30cbb. NW¼NW¼SW¼. Owner, Everett Matherly. Depth, 58 ft. Lsd, 955. Vamoosa Formation. Well equipped with water-level recorder. Highest, 41.72, Dec. 5, 1969; lowest, 42.77, May 1, 2, 1970. Records: 1969-70.

Day	Jan.	July	Day	Jan.	July
5			5		42.19
10			10		42.00
15			15		42.18
20			20		42.32
25			25		42.23
eom			eom		42.06
	Feb.	Aug.		Feb.	Aug.
5			5		42.19
10			10		42.22
15			15	42.39	42.30
20			20	42.67	42.25
25			25	42.40	42.27
eom			eom	42.06	42.44
	Mar.	Sept.		Mar.	Sept.
5			5	42.22	42.23
10			10	42.23	42.72
15			15	42.42	42.59
20			20	42.50	42.32
25			25	42.39	42.63
eom			eom	42.33	42.71
	Apr.	Oct.		Apr.	Oct.
5			5	42.56	42.25
10			10	42.49	42.64
15			15	42.40	42.58
20			20	42.44	42.26
25			25	42.56	42.02
eom			eom	42.47	42.36
	May	Nov.		May	Nov.
5			5	42.49	42.33
10			10	42.12	42.21
15			15	42.55	42.39
20		42.00	20	42.27	42.36
25		42.06	25	42.20	41.86
eom		41.97	eom	42.12	41.99
	June	Dec.		June	Dec.
5		41.72	5	42.26	42.36
10		41.74	10	41.88	42.03
15			15	42.07	42.14
20			20	42.09	42.32
25			25	42.00	42.32
eom			eom	42.19	42.11

GARFIELD COUNTY

1969					1970						
<u>21N-8W-6dccl.</u> SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, R. Munkres. Depth, 11 ft. Alluvium. Highest, 2.17, Feb. 26, 1962; lowest 9.09, Aug. 30, 1956. Records: 1950-63; 9165-70.											
Jan.	9	5.80	July	16	4.27	Jan.	28	4.48	Sept.	24	5.60
Feb.	5	5.76	Sept.	10	4.30	Feb.	26	4.63	Oct.	27	5.63
Mar.	4	5.30	Oct.	9	4.00	Mar.	27	4.55	Nov.	24	
Apr.	24	4.23	Nov.	21	4.31	May	27	4.32	Dec.	22	5.62
May	23	3.60	Dec.	22	4.50	June	25	4.86			
June	26	4.03									

23N-7W-26aab1. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, city of Enid. Depth, 60 ft. Terrace deposits.
Highest, 27.76, Oct. 11, 1963; lowest, 35.46, Nov. 20, 1957. Records: 1950-63; 1965-70.

Jan.	9	30.06	July	16	30.33	Jan.	29	30.68	July	28	31.13
Feb.	5	30.10	Sept.	11	30.29	Feb.	27	30.78	Aug.	27	31.23
Mar.	7	30.14	Oct.	10	30.38	Mar.	27	30.87	Sept.	24	31.20
Apr.	23	30.22	Nov.	21	30.47	Apr.	28	30.90	Oct.	27	31.29
May	23	30.29	Dec.	22	30.60	May	27	30.90	Nov.	24	31.36
June	26	30.26				June	25	31.08	Dec.	22	31.38

GARVIN COUNTY

4N-3E-3add1. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, Jack Wood. Depth, 60 ft. Gerty Sand. Well equipped with water-level recorder. Highest, 31.43, Oct. 13, 1969; lowest, 34.96, June 13, 1968. Records: 1967-70.

Jan.	10	34.15	Aug.	11	32.50	Jan.	30	32.54	Aug.	3	32.13
Feb.	7	33.75	Sept.	12	32.43	Mar.	2	32.26	Sept.	3	32.06
Mar.	28	33.53	Oct.	13	31.43	Mar.	31	32.39	Oct.	7	32.00
Apr.	29	33.34	Nov.	24	32.40	May	5	32.50	Nov.	6	31.82
May	29	33.07	Dec.	19	32.38	June	2	32.33	Dec.	14	31.63
June	30	32.80				June	13	32.16			

4N-3E-11bbc. SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, Willis Watts. Depth, 90 ft. Gerty Sand.
Highest, 45.75, Dec. 14, 1970; lowest, 68.97, Aug. 12, 1968. Records: 1967-70.

Jan.	10	47.65	June	30	58.03	Jan.	30	47.43	Aug.	3	
Feb.	7	47.05	Aug.	11		Mar.	2	46.89	Sept.	3	59.95
Mar.	28	46.68	Sept.	12	61.60	Mar.	31	46.85	Oct.	7	48.70
Apr.	29	46.60	Oct.	13	49.97	May	5	46.50	Nov.	6	45.92
May	29	46.25	Nov.	24	48.09	June	2	47.27	Dec.	14	45.75
June	30	58.03	Dec.	19	47.65	July	13	52.79			

GARVIN COUNTY

1969				1970			
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4N-3E-14aaa1. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Depth, 80 ft. Gerty Sand. Highest, 44.03, Dec. 14, 1970; lowest, 47.32, Aug. 11, 1969. Records: 1967-70.

Jan.	10	44.90	Aug.	11	47.32	Jan.	30	44.42	Aug.	3	44.35
Feb.	7	44.66	Sept.	12	a	Mar.	2	44.36	Sept.	3	45.56
Mar.	28	44.40	Oct.	13	46.27	May	5	44.23	Oct.	7	44.62
May	29	44.10	Nov.	24	45.97	June	2	45.38	Nov.	6	44.25
June	30	a	Dec.	19	44.74	July	13	45.69	Dec.	14	44.03

4N-3E-14ccc1. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, B. C. Caskey. Depth, 95 ft. Highest, 61.40, May 29, 1969; lowest, 69.92, Sept. 3, 1970. Records: 1967-70.

Jan.	10	62.57	Aug.	11	68.01	Jan.	30	63.85	Aug.	3	68.13
Feb.	7	62.07	Sept.	12	69.10	Mar.	2	63.45	Sept.	3	69.92
Mar.	28	61.68	Oct.	13	66.90	Mar.	31	63.17	Oct.	7	67.03
Apr.	29	62.80	Nov.	24	65.02	May	5	64.99	Nov.	6	65.98
May	29	61.40	Dec.	19	64.46	June	2	64.49	Dec.	14	65.10
June	30	61.81				July	13	67.10			

4N-3E-23abb3. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, city of Stratford. Depth, 85.6 ft. Gerty Sand. Highest, 59.37, Mar. 28, 1969; lowest, 64.34, Sept. 12, 1969. Records: 1967-70.

Jan.	10	60.52	Aug.	11	a	Jan.	30	a	Aug.	3	a
Feb.	7	60.04	Sept.	12	64.34	Mar.	2	61.34	Sept.	3	
Mar.	28	59.37	Oct.	13	63.80	Mar.	31	61.00	Oct.	7	
Apr.	29	59.60	Nov.	24	62.58	May	5	a	Nov.	6	63.60
May	29	a	Dec.	19	62.17	June	2	61.86	Dec.	14	62.90
June	30	a				July	13	a			

GRADY COUNTY

4N-7W-29acc1. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, W. W. Mobley. Depth, 21 ft. Highest, 4.70, May 22, 1957; lowest, 18.90, Aug. 21, 1947. Records: 1946-69.

Jan.	21	13.14	June	24	10.42
Feb.	26	12.68	Sept.	23	14.08
Mar.	27	10.95	Oct.	27	
Apr.	24	10.61	Discontinued.		
May	23	9.74			

GRADY COUNTY

1969

1970

4N-8W-33bbb1. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, U.S. Geol. Survey. Depth, 254 ft. Lsd. 1,368. Rush Springs Sandstone. Well equipped with water-level recorder. Highest, 78.95, Mar. 10, 1963; lowest, 85.67, Feb. 29, 1968. Records: 1948-1970.

Day	Jan.	July	Day	Jan.	July
5		83.70	5		83.00
10		83.61	10		82.97
15		83.61	15		83.06
20	h84.66	83.57	20		83.17
25			25	82.76	83.12
eom			eom	82.73	
	Feb.	Aug.		Feb.	Aug.
5			5	82.83	
10			10	82.58	
15			15	82.72	
20			20	82.82	
25	h84.48		25		
eom	84.62		eom	82.65	
	Mar.	Sept.		Mar.	Sept.
5	84.63		5	82.70	
10			10	82.73	
15			15	82.71	
20			20	82.77	
25	h84.54	83.13	25	82.77	
eom	84.55	83.07	eom	82.72	
	Apr.	Oct.		Apr.	Oct.
5	84.57	83.14	5	82.72	
10	84.55	83.02	10	82.72	
15	84.42	83.13	15	82.73	
20	84.49	83.06	20	82.76	
25	84.33	83.04	25	82.73	h83.72
eom	84.36	82.96	eom	82.84	83.72
	May	Nov.		May	Nov.
5	84.35	82.90	5	82.78	83.71
10	84.35	82.91	10	82.69	83.72
15	84.28	82.86	15	82.90	83.79
20	84.29	82.95	20	82.78	83.80
25	84.19	82.89	25	82.81	h83.56
eom	84.04	82.76	eom		83.70
	June	Dec.		June	Dec.
5	84.15	82.80	5		83.88
10	84.02	82.95	10		83.83
15	84.05	82.90	15		83.76
20	83.92	82.82	20		83.81
25	83.81		25	h82.84	83.94
eom	83.74		eom	82.98	

GREER COUNTY

1969	1970
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3N-23W-3aaal. NE½NE½NE½. Owner, Kenneth Silk. Depth, 94 ft. Blaine Gypsum or Dog Creek Shale. Highest, 24.95, Apr. 19, 1961; lowest, 36.00, Apr. 7, 1965. Records: 1960-70.

Jan.	2	29.57	July	20	29.29	Jan.	26	28.68
Feb.	4	28.85	Sept.	4	29.68	Feb.	24	29.71
Mar.	11	29.84	Oct.	7	29.68	Dec.	29	34.87
Apr.	8	29.63	Nov.	12	29.80			
May	8	29.32	Dec.	11	29.72			
June	18	28.62						

3N-23W-4baal. NE½NE½NW½. Owner, Cortis Adams. Blaine Gypsum or Dog Creek Shale. Highest, 28.58, June 18, 1969; lowest, 59.24, Aug. 15, 1967. Records: 1965-70.

Jan.	7	32.10	July	20	37.32	Jan.	26	30.19	July	23	54.95
Feb.	4	34.15	Sept.	4	35.46	Feb.	24	31.02	Aug.	26	52.05
Mar.	1	31.87	Oct.	7	31.19	Mar.	25	30.92	Sept.	24	45.03
Apr.	9	31.07	Nov.	12	30.39	Apr.	21	33.36	Oct.	22	42.98
May	8	30.54	Dec.	11	32.49	May	21	32.65	Nov.	24	41.31
June	18	28.58				June	23	45.23	Dec.	29	39.13

3N-23W-16daal. NE½NE½SE½. Owner, Ivan Owen. Depth, 105 ft. Blaine Gypsum or Dog Creek Shale. Highest, 17.53, June 25, 1957; lowest, 66.47, Apr. 20, 1955. Records: 1950-70.

Jan.	2	32.26	July	20		Jan.	26	35.47
Feb.	4	35.70	Sept.	4		Feb.	24	36.80
Mar.	11	35.66	Oct.	7		Dec.	29	52.43
Apr.	9	35.13	Nov.	18				
May	8	35.60	Dec.	11				
June	18	32.38						

4N-23W-33dabl. NW½NE½SE½. Owner, Clarence Orr. Depth, 155 ft. Blaine Gypsum or Dog Creek Shale. Highest, 25.43, Nov. 15, 1950; lowest, 68.68, Sept. 29, 1965. Records: 1949-70.

Jan.	2	44.00	July	20	a	Jan.	26	39.50
Feb.	4	43.33	Sept.	4	47.24	Feb.	24	39.68
Mar.	11	42.74	Oct.	7	43.15	Dec.	29	52.11
Apr.	9	42.01	Nov.	18	40.30			
May	8	41.27	Dec.	11	39.82			
June	18	38.64						

GREER COUNTY, continued

1969

1970

5N-23W-22aaal. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, Leo Gray. Depth, 135 ft. Blaine Gypsum or Dog Creek Shale. Highest, 89.23, Nov. 15, 1950; lowest, 108. 4, Nov. 23, 1963. Records: 1949-70.

Jan.	2	93.15	July	20	94.00	Jan.	27	93.12
Feb.	4	93.15	Sept.	4	90.20	Feb.	25	93.46
Mar.	11	93.03	Oct.	7	93.98	Dec.	29	98.25
Apr.	8	92.89	Nov.	19	94.17			
May	8	93.70	Dec.	11	93.55			

5N-23W-27acal. NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, W. B. Mathews. Depth, 109 ft. Lsd, 1,725. Blaine Gypsum or Dog Creek Shale. Highest, 64.31, Jan. 27, 1970; lowest, 76.15, May 25, 1965. Records: 1953; 1956-70

Jan.	2	65.57	July	20	a	Jan.	27	64.31
Feb.	4	65.62	Sept.	4	66.44	Feb.	25	65.15
Mar.	11		Oct.	7	66.00	Dec.	29	69.00
Apr.	8	65.07	Nov.	19	65.73			
May	8	65.11	Dec.	11	65.31			
June	19	64.70						

HARMON COUNTY

1N-24W-34dccl. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, C. L. Merritt. Depth, 94 ft. Lsd, 1,443. Blaine Gypsum or Dog Creek Shale. Highest, 10.60, June 25, 1957; lowest, 21.58, Aug. 16, 1963. Records: 1953-70.

Jan.	7	16.95	July	20	18.25	Jan.	26	15.13
Feb.	4	15.95	Sept.	4	16.28	Feb.	24	15.22
Mar.	11	16.80	Oct.	7	15.72	Dec.	29	17.34
Apr.	9	16.68	Nov.	18	15.44			
May	8	16.53	Dec.	11	15.29			

1N-25W-12daal. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, Don Thomason. Depth, 212 ft. Blaine Gypsum or Dog Creek Shale. Highest, 46.95, Feb. 24, 1970; lowest, 99.48, Aug. 26, 1970. Records: 1966-70.

Jan.	7	56.38	July	20	69.66	Jan.	26	47.06	July	23	86.39
Feb.	4	54.43	Sept.	4	71.14	Feb.	24	46.95	Aug.	26	99.48
Apr.	9	51.33	Oct.	7	55.50	Mar.	25	50.73	Sept.	24	81.62
May	8	55.40	Nov.	18	51.61	Apr.	22	50.24	Oct.	22	69.70
June	18	47.67	Dec.	11	48.34	May	22	47.64	Nov.	24	61.23
						June	24	55.47	Dec.	29	61.71

HARMON COUNTY, continued

1969				1970			
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1N-25W-13dcl. SW $\frac{1}{2}$ SW $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, E. H. Mefford. Depth, 120 ft. Lsd, 1,493. Blaine Gypsum or Dog Creek Shale. Highest, 17.30, June 5, 1957; lowest, 45.71, Aug. 16, 1960. Records: 1952; 1954-70.

Jan.	7	34.05	July	20	39.20	Jan.	26	29.30
Feb.	4	33.47	Sept.	4	39.00	Feb.	24	29.20
Mar.	11	32.72	Oct.	7	33.72	Dec.	29	34.20
Apr.	9	33.22	Nov.	18	31.31			
May	8	32.89	Dec.	11	30.45			
June	19	31.92						

1N-25W-35ddb1. NW $\frac{1}{2}$ SE $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, Fred Cope. Depth, 72 ft. Lsd, 1,485. Blaine Gypsum or Dog Creek Shale. Highest, 9.55, June 25, 1957; lowest, 43.53, Aug. 15, 1967. Records: 1951-70.

Jan.	7	25.60	July	20	a	Jan.	26	24.26
Feb.	4	25.10	Sept.	4		Feb.	24	
Mar.	11	24.39	Oct.	7		Dec.	29	26.13
Apr.	9	a	Nov.	18	23.55			
May	8	24.26	Dec.	11	22.70			

2N-24W-30dcl. SW $\frac{1}{2}$ SW $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, Bob Moran. Depth, 165 ft. Lsd, 1,950. Highest, 50.82, Apr. 19, 1961; lowest, 143.95, Feb. 4, 1969. Records: 1959-70.

Jan.	7	117.90	July	20	115.82	Jan.	26	98.92
Feb.	4	143.95	Sept.	4	117.60	Feb.	24	100.48
Mar.	11	113.80	Oct.	7	105.23			
Apr.	9	113.60	Nov.	18	104.64			
May	8	115.67	Dec.	11	102.30			
June	18	116.68						

2N-25W-21dac1. SW $\frac{1}{2}$ N $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, Oscar Bryant. Depth, 112 ft. Lsd, 1,567. Blaine Gypsum or Dog Creek Shale. Highest, 20.27, Nov. 16, 1950; lowest, 82.99, Sept. 14, 1967. Records: 1950; 1952-70.

Jan.	7	55.46	July	20	69.71	Jan.	26	44.14
Feb.	4	54.56	Sept.	4	55.15	Feb.	24	45.26
Mar.	11	55.09	Oct.	7	48.58	Dec.	29	71.08
Apr.	9	51.31	Nov.	18	45.05			
May	8	51.90	Dec.	11	44.73			
June	18	49.63						

HARMON COUNTY, continued

1969

1970

2N-25W-23abb1. NW¼NW¼NE¼. Owner, H. L. Wilder. Depth, 130 ft. Lsd, 1,556.
Blaine Gypsum or Dog Creek Shale. Highest, 18.27, Aug. 12, 1952; lowest, 81.00, Sept. 14, 1967. Records: 1952; 1954-70.

Jan.	7	65.77	July	20	50.42	Jan.	26	41.69
Feb.	4	63.85	Sept.	4	49.30	Feb.	24	43.05
Mar.	11	60.86	Oct.	7	48.80	Dec.	29	75.92
Apr.	9	58.26	Nov.	18	48.02			
May	8	55.87	Dec.	11	44.22			
June	18	41.06						

2N-26W-5bcc1. SW¼SW¼NW¼. Owner, Ward Bros. Depth, 149 ft. Lsd, 1,640.
Blaine Gypsum or Dog Creek Shale. Highest, 20.24, Nov. 16, 1950; lowest, 147.16, Aug. 15, 1967. Records: 1950-62; 1965-70.

Jan.	7	68.53	July	20	95.57	Jan.	26	61.93
Feb.	4	66.52	Sept.	4	87.59	Feb.	24	60.35
Mar.	11	65.12	Oct.	7	72.70	Dec.	29	93.05
Apr.	9	63.28	Nov.	18	67.98			
May	8	69.83	Dec.	11	65.08			
June	18	63.62						

2N-26W-15aal. NE¼NE¼. Owner, A. L. Prock. Depth, 130 ft. Lsd, 1,672.
Blaine Gypsum or Dog Creek Shale. Highest 61.45, Oct. 25, 1960; lowest, 96.35, July 13, 1965. Records: 1954-70.

Jan.	7	93.50	July	20	89.90	Jan.	26	83.17
Feb.	4	94.03	Sept.	4	79.88	Feb.	24	85.15
Mar.	11	94.53	Oct.	7	80.56	Dec.	29	93.53
Apr.	9	94.93	Nov.	18	81.11			
May	8	93.67	Dec.	11	82.70			
June	18	90.10						

2N-26W-27bcbl. NW¼SW¼NW¼. Owner, Herschel Vaughan. Depth, 150 ft. Lsd, 1,450.
Blaine Gypsum or Dog Creek Shale. Highest, 32.50, Apr. 7, 1965; lowest, 68.40, Aug. 15, 1967. Records: 1954-70.

Jan.	7	51.04	July	20		Jan.	26	47.95
Feb.	4	51.25	Sept.	4	54.73	Feb.	24	47.92
Mar.	11	51.40	Oct.	7	50.33	Dec.	29	54.34
Apr.	9	51.55	Nov.	18	49.05			
May	8	51.43	Dec.	11	49.15			
June	18	50.83						

HARMON COUNTY, continued

1969

1970

2N-26W-31cbcl. SW $\frac{1}{2}$ NW $\frac{1}{2}$ SW $\frac{1}{2}$. Owner, T. C. Gilbert. Depth, 150 ft. Blaine Gypsum or Dog Creek Shale. Highest, 27.90, June 23, 1955; lowest, 48.49, Aug. 16, 1963. Records: 1905; 1952-70.

Jan.	7	32.10	July	20		Jan.	26	33.14
Feb.	4	33.30	Sept.	4	36.33	Feb.	24	33.08
Mar.	11	33.03	Oct.	7	34.27	Dec.	29	36.10
Apr.	9	32.63	Nov.	18	33.70			
May	8	32.97	Dec.	11	33.52			
June	18	33.63						

2N-27W-1ccb1. NW $\frac{1}{2}$ SW $\frac{1}{2}$ SW $\frac{1}{2}$. Owner, Ted and Clay Whorton. Depth, 150 ft. Blaine Gypsum or Dog Creek Shale. Highest, 34.13, May 1952; lowest, 137.19, July 12, 1966. Records: 1952; 1954-70.

Jan.	7	84.43	July	20	105.03	Jan.	26	77.59
Feb.	4	82.51	Sept.	4	101.88	Feb.	24	78.14
Mar.	11	80.83	Oct.	7	87.29			
Apr.	9	79.66	Nov.	18	83.39			
May	8	83.16	Dec.	11	80.55			
June	18	79.59						

3N-24W-29aaa1. NE $\frac{1}{2}$ NE $\frac{1}{2}$ NE $\frac{1}{2}$. Owner, Ballard Hill. Depth, 169 ft. Blaine Gypsum or Dog Creek Shale. Highest, 15.47, May 28, 1957; lowest, 92.16, Sept. 29, 1965. Records: 1954-63; 1965-70.

Jan.	2	76.37	July	20	69.40	Jan.	26	69.77
Feb.	4	76.18	Sept.	4	71.00	Feb.	24	70.66
Mar.	11	78.20	Oct.	7	70.43	Dec.	29	84.80
Apr.	9	76.02	Nov.	18	68.80			
May	8	76.15	Dec.	11	67.00			
June	18	67.72						

3N-25W-32bbb1. NW $\frac{1}{2}$ NW $\frac{1}{2}$ NW $\frac{1}{2}$. Owner, B. F. Moore. Depth, 160 ft. Lsd, 1,623. Blaine Gypsum or Dog Creek Shale. Highest, 29.69, Jan. 17, 1961; lowest, 97.11, Sept. 29, 1965. Records: 1953-70.

Jan.	7	67.90	July	20	67.50	Jan.	26	56.00
Feb.	4	66.10	Sept.	4	78.34	Feb.	24	56.30
Mar.	11	63.48	Oct.	7	65.80	Dec.	29	84.14
Apr.	9	61.93	Nov.	18	64.48			
May	8	62.08	Dec.	11	57.70			
June	18	58.33						

HARMON COUNTY, continued

1969				1970	
<u>3N-26W-35bab1.</u> NW¼NE¼NW¼. Owner, Charles Merida. Depth, 125 ft. Lsd, 1,639. Blaine Gypsum or Dog Creek Shale. Highest, 39.17, Mar. 14, 1961; lowest, 114.52, Aug. 15, 1967. Records: 1953-70.					
Jan.	7	84.72	July	20	71.72
Feb.	4	80.63	Sept.	4	88.90
Mar.	11	75.58	Oct.	7	81.88
Apr.	9	73.74	Nov.	18	73.63
May	8	74.03	Dec.	11	71.97
June	18	70.47			
			Jan.	26	73.20

HUGHES COUNTY, continued

1969			1970		
8N-12E-18cbb. NW¼NW¼SW¼. Owner, L. N. Benham. Depth, 35 ft. Lsd, 743. Senora Formation. Well equipped with water-level recorder. Highest, 14.45, Jan. 5, 1970; lowest, 17.03, July 3, 1970. Records: 1969-70.					
Day	Jan.	July	Day	Jan.	July
5			5	14.45	17.03
10			10		
15			15	15.40	
20			20	15.82	
25			25	15.87	
eom			eom	16.03	16.90
	Feb.	Aug.		Feb.	Aug.
5			5	16.04	16.84
10			10	16.16	16.72
15			15	16.20	16.70
20			20	16.36	16.65
25			25	16.02	16.56
eom			eom	16.13	16.50
	Mar.	Sept.		Mar.	Sept.
5			5	15.93	16.40
10			10	16.20	16.27
15			15	16.34	16.23
20			20	15.48	16.13
25			25	16.13	15.90
eom			eom	16.19	15.93
	Apr.	Oct.		Apr.	Oct.
5			5	16.19	15.75
10			10	16.40	15.40
15			15	16.47	15.56
20			20	15.91	15.52
25			25	15.86	14.83
eom			eom	14.70	15.03
	May	Nov.		May	Nov.
5			5	16.47	15.18
10			10	16.52	14.98
15		15.82	15	16.66	15.06
20		15.82	20	16.84	14.84
25		15.83	25	16.90	15.03
eom		15.91	eom	16.93	14.94
	June	Dec.		June	Dec.
5		15.91	5	16.93	15.03
10		15.70	10	16.92	15.08
15		15.85	15	16.74	15.10
20		15.93	20	16.83	15.03
25		15.83	25	16.92	15.06
eom		14.57	eom	16.93	

JACKSON COUNTY

1969

1970

1N-23W-10bbb1. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, John G. Alexander. Depth 92 ft. Lsd, 1,430. Blaine Gypsum or Dog Creek Shale. Highest, 13.52, Oct. 25, 1955; lowest, 31.49, Jan. 6, 1955. Records: 1953-70.

Jan.	7	29.77	July	20	29.09	Jan.	26	27.43
Feb.	4	29.84	Sept.	4	25.87	Feb.	24	27.51
Mar.	11	29.03	Oct.	7	25.45	Dec.	29	30.24
Apr.	9	30.23	Nov.	18	26.45			
May	8	30.03	Dec.	11	26.74			

2N-22W-8ddd1. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, Pearl Forgey. Depth, 75 ft. Lsd, 1,417. Blaine Gypsum or Dog Creek Shale. Highest, 28.96, June 24, 1957; lowest, 48.15, Sept. 17, 1956. Records: 1953-70.

Jan.	7	39.30	July	21	39.98	Jan.	27	36.50
Feb.	4	38.71	Sept.	4	42.31	Feb.	24	a
Mar.	11	38.01	Oct.	7	40.10	Dec.	29	39.07
Apr.	9	37.50	Nov.	18	38.37			
May	8	37.09	Dec.	11	37.60			
June	19	38.21						

2N-23W-12bbd1. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, Ivan Owen. Depth, 90 ft. Lsd, 1,421. Blaine Gypsum or Dog Creek Shale. Highest, 18.39, June 25, 1957; lowest, 63.21, Aug. 24, 1954.

Jan.	7	35.80	July	21	41.10	Jan.	27	31.13
Feb.	4	35.24	Sept.	4	36.57	Feb.	24	31.59
Mar.	11	33.27	Oct.	7	31.31	Dec.	29	37.70
Apr.	9	34.18	Nov.	18	31.46			
May	8	38.14	Dec.	11	31.15			
June	19	34.90						

2N-23W-21aaa1. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, Johnnie Kenmore. Depth, 89 ft. Lsd, 1,429. Blaine Gypsum or Dog Creek Shale. Highest, 11.65, June 25, 1957; lowest, 36.60, June 20, 1966.

Jan.	7	28.27	July	20	a	Jan.	26	21.70
Feb.	4	27.88	Sept.	4	19.80	Feb.	24	22.13
Mar.	11	27.75	Oct.	7	20.13	Dec.	29	27.82
Apr.	9	27.45	Nov.	18	21.54			
May	8	27.81	Dec.	11	21.65			
June	19	25.55						

JACKSON COUNTY, continued

1969						1970		
<u>3N-22W-32cbb1.</u> NW¼NW¼SW¼. Owner, Wilbur Leonard. Depth, 125 ft. Blaine Gypsum or Dog Creek Shale. Highest, 31.12, Apr. 16, 1949; lowest, 56.24, Sept. 17, 1956. Records: 1949; 1954-70.								
Jan.	7	46.32	July	21	48.47	Jan.	27	44.07
Feb.	4	45.98	Sept.	4	48.37	Feb.	24	43.68
Mar.	11	45.44	Oct	7	45.58	Dec.	29	a
Apr.	9	45.92	Nov.	18	45.38			
May	8	45.66	Dec.	11	44.80			
June	19	47.01						
<u>3N-23W-19bbb1.</u> NW¼NW¼NW¼. Owner, Ivan Owen. Depth, 170 ft. Blaine Gypsum or Dog Creek Shale. Highest, 74.80, June 25, 1957; lowest, 118.32, July 29, 1965. Records: 1953-70.								
Jan.	2	91.29	July	20	92.20	Jan.	26	83.96
Feb.	4	88.55	Sept.	4	92.80	Feb.	24	84.20
Mar.	11	88.53	Oct.	7	86.26	Dec.	29	98.85
Apr.	9	89.26	Nov.	18	84.75			
May	8	89.04	Dec.	11	84.17			
June	18	85.96						
<u>3N-23W-27aad1.</u> SE¼NE¼NE¼. Owner, Buddy Bryant. Depth, 127 ft. Blaine Gypsum or Dog Creek Shale. Highest, 21.67, Jan. 27, 1959; lowest, 67.79, Sept. 22, 1954. Records: 1948-63; 1965-70.								
Jan.	2	43.08	July	20	44.96	Jan.	26	41.98
Feb.	4	42.78	Sept.	4	49.96	Feb.	24	42.12
Mar.	11	42.42	Oct.	7	44.79			
Apr.	9		Nov.	18	43.39			
May	8		Dec.	11	42.75			
June	18	40.82						
<u>3N-23W-30daal.</u> NE¼NE¼SE¼. Owner, Cecil Leonard. Depth, 90 ft. Blaine Gypsum or Dog Creek Shale. Highest, 19.42, Feb. 5, 1954; lowest, 51.00, July 12, 1966. Records: 1952; 1954-70.								
Jan.	2	28.46	July	20	33.35	Jan.	26	24.49
Feb.	4	27.60	Sept.	4	30.32	Feb.	24	24.50
Mar.	11	27.28	Oct.	7	27.10	Dec.	29	34.23
Apr.	9	27.00	Nov.	18	26.75			
May	8	27.65	Dec.	11	25.12			
June	18	25.34						

JACKSON COUNTY, continued

1969

1970

1S-24W-2abb1. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$. Lsd, 1,452. Blaine Gypsum or Dog Creek Shale. Highest, 26.73, June 27, 1962; lowest, 39.30, Jan. 26, 1960. Records: 1957-63; 1965-70.

Jan.	7	34.30	July	20	34.80	Jan.	26	a
Feb.	4	a	Sept.	4	a	Feb.	24	32.30
Mar.	11	34.18	Oct.	7	31.89	Dec.	29	34.68
Apr.	9	35.03	Nov.	18	a			
May	8	34.95	Dec.	11	33.08			

1S-25W-13cccl. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, Tim Springs. Depth, 130 ft. Lsd, 1,527. Blaine Gypsum or Dog Creek Shale. Highest, 69.12, Nov. 19, 1957; lowest, 92.25, Aug. 15, 1968. Records: 1953-70

Jan.	7	78.00	July	20		Jan.	26	76.10
Feb.	4	77.95	Sept.	4	79.29	Feb.	24	77.07
Mar.	11	77.72	Oct.	7	78.50	Dec.	29	77.95
Apr.	9	77.75	Nov.	18	72.92			
May	8	77.65	Dec.	11	77.59			
June	19	77.64						

JEFFERSON COUNTY

5S-5W-1aabl. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Depth, 83 ft. Highest, 14.45, May 23, 1969; lowest, 17.68, Feb. 20, 1968.

Jan.	21	16.70	May	23	14.45
Feb.	26	16.30	June	24	14.88
Mar.	27	15.09	Discontinued.		
Apr.	24	15.05			

KAY COUNTY

1969

1970

26N-2E-26bdd1. SE1/4SE1/4NW1/4. Owner, city of Ponca City. Depth, 38 ft. Alluvium.
Highest, 1.30, Nov. 19, 1964; lowest, 29.13, Feb. 24, 1955. Records: 1948-70.

Jan.	1	c12.40	Sept.	3	c10.90	Jan.	7	c13.50	Sept.	2	c15.90
	8	c12.50		10	c10.85		14	c13.65		9	c16.10
	15	c12.50		17	c11.00		21	c13.80		16	c16.30
	22	c12.40		24	c11.05		28	c14.00		23	c16.80
	29	c12.60		30	c10.95					30	c18.27
Feb.	5	c12.50	Oct.	8	c10.90	Feb.	4	c14.10	Oct.	7	c16.80
	12	c12.40		15	c10.85		11	c14.20		14	c15.90
	19	c12.30		22	c10.95		18	c14.30		21	c15.00
	26	c12.20		31	c11.00		25	c14.40		28	c15.50
Mar.	5	c12.15	Nov.	5	c11.30	Mar.	4	c14.70	Nov.	4	16.30
	12	c12.10		12	c11.70		11	c14.90		11	16.80
	19	c12.20		19	c12.00		18	c15.10		18	c18.27
	26	c11.80		25	c12.30		25	c14.75		25	c18.28
							31	c14.30			
Apr.	2	c11.70	Dec.	3	c12.50				Dec.	2	c18.28
	9	c11.60		10	c12.70	Apr.	8	c13.50		9	c17.85
	16	c11.50		17	c13.00		15	c 5.90		16	c17.65
	23	c11.40		24	c13.20		22	c 6.00		23	c17.40
	28	c11.20		31	c13.30		29	c 6.50		30	c19.20
May	7	c11.05				May	6	c 6.10			
	14	c10.85					13	c 5.73			
	21	c10.30					20	c 6.78			
	28	c 9.80					27	c 7.30			
June	4	c 9.60				June	3	c 7.50			
	11	c 9.50					10	c 7.85			
	18	c 9.40					17	c 8.20			
	24	c 9.30					24	c 8.40			
July	2	c 9.10				July	1	c10.78			
	9	c 9.00					8	c13.20			
	16	c 8.90					15	c15.00			
	23	c 9.30					22	c17.85			
	30	c 9.60					29	c20.19			
Aug.	6	c 9.80				Aug.	5	c18.40			
	13	c10.30					12	c.17.50			
	20	c11.00					19	c16.80			
	27	c10.90					26	c15.90			

KINGFISHER COUNTY

1969

1970

1N-6W-11ddd. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Depth, 36 ft. Lsd, 1,070. Hennessey Shale. Well equipped with water-level recorder. Highest, 28.71, Apr. 10, 1970; lowest, Sept. 25, 1970. Records: 1969-70.

Day	Dec.
10	28.86
15	28.90
20	28.93
25	28.91
com	28.99

Day	Jan.	July
5	29.04	30.37
10	29.09	30.45
15	29.10	30.56
20	29.18	30.66
25	29.18	30.73
com	29.24	30.81

Feb.	Feb.	Aug.
5	29.30	30.89
10	29.30	30.97
15	29.40	31.04
20	29.49	31.07
25	29.51	30.90
com	29.50	

	Mar.	Sept.
5	29.56	30.98
10	29.58	31.05
15	29.65	31.12
20	29.66	31.16
25	29.57	31.17
com	29.47	30.01

	Apr.	Oct.
5	28.88	29.50
10	28.71	29.30
15	28.78	29.24
20	28.72	29.15
25	28.88	29.11
com	28.94	29.19

	May	Nov.
5	29.01	29.24
10	29.14	29.24
15	29.37	29.30
20	29.49	29.29
25	29.64	29.46
com	29.81	29.43

	June	Dec.
5	29.92	29.56
10	30.01	29.56
15	30.14	29.63
20	30.29	29.69
25	30.37	29.70

KINGFISHER COUNTY, continued

18N-7W-21dcd1. SE $\frac{1}{2}$ SW $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, H. B. Stinson. Depth, 63 ft. Terrace deposits. Highest, 16.73, Apr. 30, 1962; lowest, 33.25, Oct. 28, 1954. Records: 1950-63; 1965-70.

1969				1970			
Jan.	9	27.53	July 16	25.52	Jan.	28	25.74
Feb.	6	27.66	Sept. 10	25.82	Feb.	26	25.87
Mar.	4	27.38	Oct. 9	25.77	Mar.	26	26.17
Apr.	23	27.03	Nov. 20	25.76	Apr.	28	25.92
May	23	26.07	Dec. 22	25.60	May	27	26.28
June	26	25.32			June	25	25.15
					Aug. 27		27.96
					Sept. 24		27.36
					Oct. 27		27.06
					Nov. 24		27.00
					Dec. 22		26.98

19N-8W-3aab1. NW $\frac{1}{2}$ NE $\frac{1}{2}$ NE $\frac{1}{2}$. Owner, John Haldik. Depth, 48 ft. Terrace deposits. Highest, 1.62, Jan. 29, 1962; lowest, 23.32, Sept. 21, 1956: 1950-63; 1965-70.

Jan.	9	12.39	July 16	8.48	Jan.	28	10.54	Aug. 27	12.41
Feb.	6	12.15	Sept. 10	10.69	Feb.	26	10.87	Sept. 24	
Mar.	4	12.29	Oct. 9	10.55	Mar.	26	11.02	Oct. 27	
Apr.	23	11.01	Nov. 20	10.75	Apr.	28	10.62	Nov. 24	12.47
May	23	7.70	Dec. 22	10.45	May	27	11.12	Dec. 22	12.36
June	26	8.27			June	25	12.04		

19N-9W-24aad1. SE $\frac{1}{2}$ NE $\frac{1}{2}$ NE $\frac{1}{2}$. Owner, U.S. Geol. Survey. Depth, 16 ft. Terrace deposits. Highest, +0.06, May 28, 1962; lowest, 11.78, Apr. 8, 1957, Records: 1950-63; 1965-70.

Jan.	8	4.24	July 16	2.86	Jan.	28	3.90	Aug. 27	4.38
Feb.	5	3.32	Sept. 10	3.67	Feb.	26	4.04	Sept. 24	4.11
Mar.	4	4.24	Oct. 9	3.59	Mar.	26	4.15	Oct. 27	4.24
Apr.	23	3.48	Nov. 20	3.67	Apr.	28	3.90	Nov. 24	4.25
May	23	2.55	Dec. 22	3.65	May	27	4.34	Dec. 22	4.38
					June	25	5.11		

LATIMER COUNTY

1969

1970

5N-19E-6dda. NE¼SE¼SE¼. Owner, State of Oklahoma, Div. of Forestry. Depth, 29 ft. Lsd, 624. McAlester Formation. Well equipped with water-level recorder. Highest, 7.88, June 6, 1970; lowest, 14.80, Sept. 19, 1970. Records: 1969-70.

			Jan.	3	13.72	July	4	10.35
				10	12.28		11	11.00
				17	10.95		18	11.60
				24	11.45		25	12.17
				31	12.04			
			Feb.	7	12.56	Aug.	1	12.58
				14	12.09		8	12.91
				21	11.72		16	13.48
				28	10.66		22	13.59
							29	
			Mar.	7	10.22	Sept.	5	
				14	10.07		12	
				21	10.36		19	14.80
				28	11.30		23	14.34
							26	
			Apr.	4	11.18	Oct.	3	
				11	11.00		10	
				18	8.50		14	12.50
				25	8.52		17	12.60
							24	
Nov.	17	13.56	May	2	8.32	Nov.	7	
	23	13.97		9	8.50		14	
	30	13.77		16	9.65		21	
				23	9.93		28	
				30	10.22			
Dec.	6	13.42	June	6	7.88	Dec.	1	11.79
	13	13.33		13	8.45		5	12.00
	20	13.36		20	8.88		12	
	27	13.06		27	9.60		16	12.08
							19	
							26	

LE FLORE COUNTY

1969			1970		
<u>9N-25E-lasal.</u> NE¼NE¼NE¼. Depth, 52 ft. Lsd, 429. Alluvium. Well equipped with water-level recorder. Highest, 5.66, July 25, 1960; lowest, 17.03, Apr. 10, 1967. Records: 1960-70.					
Day	Jan.	July	Day	Jan.	July
5	10.48	9.13	5	11.76	10.84
10	10.74	9.28	10	11.72	10.98
15	10.71	9.44	15	11.65	11.12
20	10.44	9.58	20	11.81	11.27
25	10.72	9.77	25	11.83	11.37
eom	9.99	9.92	eom	11.99	11.52
	Feb.	Aug.		Feb.	Aug.
5	9.94	10.08	5	12.06	11.68
10	10.14	10.28	10	12.09	11.84
15	10.14	10.45	15	12.24	12.00
20	10.04	10.63	20	12.37	12.13
25	9.48	10.82	25	12.32	12.29
eom	9.62	11.11	eom	12.26	12.47
	Mar.	Sept.		Mar.	Sept.
5	9.68	11.31	5	11.44	12.55
10		11.49	10	11.61	12.72
15		11.64	15	11.58	12.84
20		11.80	20	11.22	12.90
25		11.93	25	11.36	12.14
eom		12.10	eom	11.51	12.39
	Apr.	Oct.		Apr.	Oct.
5	9.42	12.30	5	11.62	12.64
10	9.50	12.38	10	11.70	11.49
15	9.50	11.73	15	11.81	11.61
20	9.62	11.98	20	10.67	11.80
25	9.62	12.17	25	10.23	10.87
eom	8.89	11.88	eom	10.13	10.45
	May	Nov.		May	Nov.
5	9.08	11.82	5	9.86	10.66
10	8.97	12.00	10	9.95	10.52
15	9.03	12.17	15		10.36
20	8.84	12.33	20		10.58
25	8.91	12.43	25		10.62
eom	8.94		eom		10.84
	June	Dec.		June	Dec.
5	9.09		5		11.13
10	9.14		10		11.16
15	9.33		15	10.12	11.18
20	9.41		20	10.38	11.33
25	8.78	12.68	25	10.47	11.43
eom	9.05	11.87	eom	10.68	11.47

LE FLORE COUNTY, continued

1969			1970		
<u>10N-24E-13bcd1. SE½SW¼NW¼. Owner, G. W. Jones. Depth, 24 ft. Lsd, 442. Alluvium. Well equipped with water-level recorder. Highest, 14.30, June 5, 1960; lowest, 26.19, Apr. 30, 1967. Records: 1958-70.</u>					
Day	Jan.	July	Day	Jan.	July
5	20.58	16.50	5	22.85	19.76
10	20.29	16.40	10	22.97	18.15
15	20.36	16.73	15	22.92	18.74
20	20.51	17.24	20	23.07	19.16
25	20.58	17.83	25	23.22	
eom	20.63	18.46	eom	23.39	21.91
	Feb.	Aug.		Feb.	Aug.
5	20.18	18.89	5	23.57	22.10
10	19.74	19.23	10	23.65	22.35
15	19.57	19.50	15	23.76	22.64
20	19.65	19.84	20	23.88	23.00
25	19.52	20.16	25	23.98	23.28
eom	19.30	20.59	eom	24.04	23.60
	Mar.	Sept.		Mar.	Sept.
5	19.08	20.95	5	24.10	23.74
10	19.14	21.26	10	24.17	23.93
15	19.21	21.50	15	24.28	24.13
20	19.46	21.61	20	24.31	24.25
25	19.81	21.38	25	24.10	24.38
eom		21.22	eom	23.97	24.28
	Apr.	Oct.		Apr.	Oct.
5	18.61	21.36	5	23.88	24.13
10	18.33	21.56	10	23.62	24.44
15	18.32	21.58	15	23.20	24.26
20	18.49	21.08	20	22.83	24.06
25	18.19	20.79	25	22.40	23.85
eom	18.02	20.77	eom	21.49	
	May	Nov.		May	Nov.
5	17.87	20.97	5	20.55	22.40
10	17.61	21.14	10	19.65	22.00
15	17.24	21.44	15	18.84	22.19
20	17.00	21.74	20	18.73	22.48
25	16.77	21.86	25	18.15	22.84
eom	16.81	22.03	eom	18.88	23.19
	June	Dec.		June	Dec.
5	16.96	22.26	5	19.40	23.56
10	16.72	22.35	10	19.46	23.69
15	16.79	22.44	15	19.47	23.76
20	16.91	22.53	20	19.47	23.84
25	16.94	22.59	25	19.48	23.90
eom	16.87	22.83	eom	19.56	23.99

LE FLORE COUNTY, continued

1969		1970
10N-25E-36cda2. NE½SE½SW¼. Depth, 45 ft. Lsd, 427. Alluvium. Well equipped with water-level recorder. Highest, 8.51, June 15, 1960; lowest, 17.20, Apr. 15, 1967. Records: 1960-70.		
Day	Jan.	
5	12.14	
10	12.18	
15	12.01	
20	11.92	
25	12.05	
eom	11.74	
	Feb.	
5	11.53	
10	11.44	
15	11.33	
20	11.32	
25	10.91	
eom	10.88	
	Mar.	
5	10.78	
10	10.86	
15	10.75	
20	10.76	
25	10.43	
eom		
	Apr.	
5	10.21	
10	10.16	
15	Destroyed	
20		
25		
eom		

LINCOLN COUNTY

1969

1970

17N-2E-21cdd. SE½SE½SW¼. Owner, Benny Grant. Depth, 80 ft. Lsd, 900. Wellington Formation. Well equipped with water-level recorder. Highest, 27.50, Apr. 30, 1970; lowest, 31.96, Sept. 10, 1970. Records: 1969-70.

Day	Jan.	July	Day	Jan.	July
5			5	31.44	31.58
10			10		31.58
15			15	31.39	31.58
20			20	e31.30	31.58
25			25	31.29	31.58
eom			eom	31.44	31.61
	Feb.	Aug.		Feb.	Aug.
5			5	31.40	31.77
10			10	31.44	31.77
15			15	31.42	31.83
20			20	31.47	31.83
25			25	31.46	31.87
eom			eom	31.41	31.93
	Mar.	Sept.		Mar.	Sept.
5			5	31.37	31.84
10			10	31.34	31.96
15			15	31.46	31.92
20			20	31.42	31.85
25			25	31.30	e31.10
eom			eom	31.12	31.87
	Apr.	Oct.		Apr.	Oct.
5			5	31.10	31.58
10			10	31.27	30.97
15			15	31.28	31.46
20			20	30.88	31.46
25			25	31.15	31.34
eom			eom	e27.50	31.49
	May	Nov.		May	Nov.
5			5		31.57
10			10	31.05	31.49
15		31.39	15	31.27	31.59
20			20	31.33	31.47
25			25	31.36	31.64
eom		31.46	eom	31.37	31.53
	June	Dec.		June	Dec.
5		31.45	5	31.37	31.62
10		31.29	10	31.35	31.56
15		31.41	15	30.86	31.60
20		31.44	20		31.58
25		31.36	25		31.58
eom		31.36	eom		31.54

MAJOR COUNTY

1969

1970

20N-9W-4aaal. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, Rose M. Sturgeon. Depth, 60 ft. Terrace deposits. Well is equipped with water-level recorder. Highest, 16.90, Jan. 7, 1966; lowest, 23.67, July 28, 1970. Records: 1965-70.

Jan. 8	21.60	July 16	22.81	Jan. 28	21.59	July 28	23.67
Feb. 5	22.44	Sept. 10	22.92	Feb. 26	21.67	Aug. 27	23.65
Mar. 7	22.46	Oct. 9	22.30	Mar. 26	22.12	Sept. 24	23.02
Apr. 23	22.38	Nov. 20	21.92	Apr. 28	21.58	Oct. 27	22.72
May 22	21.92	Dec. 22	21.61	May 27	22.21	Nov. 24	22.49
June 26	22.00			June 25	22.10	Dec. 22	22.35

20N-9W-5cccl. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, George Pribil. Depth, 53 ft. Terrace deposits. Highest, 2.43, Oct. 20, 1960; lowest, 15.05, Nov. 1, 1956. Records: 1950-63; 1965-70.

Jan. 8	12.79	July 16	10.00	Jan. 28	10.68	Aug. 27	10.94
Feb. 5	13.81	Sept. 10	10.95	Feb. 26	10.82	Sept. 24	
Mar. 7	13.0	Oct. 9	10.07	Mar. 26	10.98	Oct. 27	11.06
Apr. 23	11.0	Nov. 20	10.38	Apr. 28	9.94	Nov. 24	11.21
May 23	8.85	Dec. 22	10.42	May 27	9.82	Dec. 22	11.29
June 26	9.33			June 25	10.56		

21N-9W-20ddd1. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, Ned Woods. Depth, 50 ft. Terrace deposits. Highest, 12.41, Apr. 30, 1962; lowest, 33.07, Mar. 1, 1957. Redords: 1950-63; 1965-70.

Jan. 8	18.67	July 16	a	Jan. 28	17.41	July 28	19.62
Feb. 5	17.52	Sept. 10	17.70	Feb. 26	17.47	Aug. 27	19.22
Mar. 4	18.52	Oct. 9	17.57	Mar. 26	17.87	Sept. 24	19.12
Apr. 23	18.66	Nov. 20	a	Apr. 28	17.82	Oct. 27	18.96
May 22	17.92	Dec. 22	17.80	May 27	17.84	Nov. 24	18.88
June 26	17.18			June 25	18.28	Dec. 22	18.93

21N-10W-21ddd1. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, W. H. Winfree. Depth, 40 ft. Terrace deposits. Highest, 16.69, Apr. 30, 1962; lowest, 23.51, Feb. 23, 1956. Records: 1950-63; 1965-70.

Jan. 8	21.31	July 16	19.44	Jan. 28	19.64	Aug. 27	19.94
Feb. 5	21.32	Sept. 10	19.45	Feb. 26	19.73	Sept. 24	20.08
Mar. 7	21.35	Oct. 9	20.43	Mar. 26	19.80	Oct. 27	20.23
Apr. 24	21.21	Nov. 20	19.54	Apr. 28	a	Nov. 24	20.24
May 22	20.59	Dec. 22	19.48	May 27	19.49	Dec. 22	20.27
June 26	19.49			June 25	17.94		

MAJOR COUNTY, continued

1969					1970						
<u>22N-11W-32baal. NE$\frac{1}{4}$NE$\frac{1}{4}$NW$\frac{1}{4}$. Owner, city of Fairview. Depth, 36 ft. Terrace deposits. Highest, 18.04, Jan. 28, 1960; lowest, 25.96, Apr. 26, 1956. Records: 1950-63; 1965-70.</u>											
Jan.	8	25.53	July	16	22.81	Jan.	29	23.43	Aug.	27	24.20
Feb.	6	24.62	Sept.	11		Feb.	27	22.73	Sept.	24	24.17
Mar.	7	24.75	Oct.	9	22.44	Mar.	27	22.24	Oct.	27	23.49
Apr.	24	24.00	Nov.	21	23.52	Apr.	28	21.70	Nov.	24	22.80
May	22	23.92	Dec.	23	23.52	May	27	21.05	Dec.	22	23.73
June	26	23.27				June	25	20.64			

McCURTAIN COUNTY

1969			1970					
<u>8S-24E-1bhd. SE1/4NW1/4. Owner, State of Oklahoma Div. of Forestry. Depth, 80 ft. Lad, 440. Woodbine Formation. Well equipped with water-level recorder. Highest, 3.42, Mar. 7, 1970; lowest, 8.94, Oct. 3, 1970. Records: 1969-70.</u>								
Nov.	19	8.26	Jan.	3	5.30	July	4	7.61
	23	8.18		10	4.29		11	7.82
	30	8.11		17	4.09		18	8.01
				24	4.19		25	8.19
				31	4.28			
Dec.	6	7.92	Feb.	7	3.94	Aug.	1	8.35
	13	7.27		14	3.86		8	8.51
	20	7.15		21	3.85		15	8.70
	27	6.96		28	3.67		22	8.42
							29	8.53
			Mar.	7	3.42	Sept.	5	8.56
				14	3.54		12	8.71
				21	3.46		19	8.78
				28	3.50		26	8.80
			Apr.	4	3.94	Oct.	3	8.94
				11	4.39		10	8.57
				18	4.78		17	7.82
				25	4.61		24	7.46
							31	7.10
			May	2	4.01	Nov.	7	6.96
				9	4.17		25	6.44
				16	4.77		28	6.42
				23	5.37			
				30	5.90			
			June	6	6.29	Dec.	5	6.61
				13	6.69		12	6.77
				20	7.00			
				27	7.27			

MUSKOGEE COUNTY

1969

1970

12N-20E-13dcel. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, U.S. Geol. Survey. Depth, 42, ft. Lad, 486. Alluvium. Highest, 17.01, July 30, 1959; lowest, 29.72, Oct. 4, 1967. Records: 1958-70.

Apr. 1 28.37
Oct. 1 28.80

Mar. 17 27.75
Oct. 6 29.10

MUSKOGEE COUNTY, continued

1969			1970		
<u>12N-21E-18bcbl.</u> NW¼SW¼NW¼. Depth, 41 ft. Lsd, 480. Alluvium. Well equipped with water-level recorder. Highest, 17.19, May 20, 1961; lowest, 27.50, Apr. 10, 1967. Records: 1960-70.					
Day	Jan.	July	Day	Jan.	July
5	24.19	21.65	5	24.11	22.54
10	24.20	21.68	10	24.15	22.71
15	24.17	21.84	15	24.14	22.90
20	24.17	22.06	20	24.20	23.10
25	24.21	22.25	25	24.22	23.22
eom	24.12	22.47	eom	24.25	23.41
	Feb.	Aug.		Feb.	Aug.
5	23.92	22.59	5	24.31	23.53
10	23.82	22.73	10	24.32	23.66
15	23.86	22.90	15	24.39	23.79
20	23.92	23.03	20	24.45	23.92
25	23.76	23.15	25	24.48	24.04
eom	23.71	23.32	eom	24.45	24.18
	Mar.	Sept.		Mar.	Sept.
5	23.67	23.47	5	24.43	24.27
10	23.71	23.61	10	24.38	24.39
15	23.69	23.70	15	24.38	24.42
20	23.73	23.75	20	24.36	24.44
25	23.77	23.68	25	24.28	24.48
eom	23.37	23.70	eom	24.24	24.33
	Apr.	Oct.		Apr.	Oct.
5		23.78	5	24.16	24.23
10	23.09	23.92	10	24.00	24.18
15	23.08	23.76	15	23.83	24.00
20	23.02	23.48	20	23.72	23.86
25	22.87	23.34	25	23.42	23.72
eom	22.84	23.42	eom	23.10	23.48
	May	Nov.		May	Nov.
5	22.66	23.46	5	22.72	23.38
10	22.58	23.56	10	22.38	23.34
15	22.42	23.66	15	22.15	23.37
20	22.35	23.77	20	21.93	23.43
25	22.26	23.86	25	22.08	23.42
eom	22.25	23.92	eom	22.28	23.55
	June	Dec.		June	Dec.
5	22.18	23.99	5	22.37	23.71
10	22.02	24.05	10	22.25	23.77
15	22.02	24.10	15	22.24	23.65
20	21.99	24.14	20	22.33	23.34
25	21.97	24.17	25	22.30	23.07
eom	21.82	24.21	eom	22.38	22.80

MUSKOGEE COUNTY, continued

1969			1970		
<u>14N-19E-34ddd1. SE½SE½SE½. Depth, 46 ft. Lsd, 492. Alluvium. Well equipped with water-level recorder. Highest, 16.25, Dec. 31, 1970; lowest, 29.62, Apr. 10, 1967. Records, 1960-70.</u>					
Day	Jan.	July	Day	Jan.	July
5	25.10	21.54	5	25.74	23.06
10	25.02	21.29	10		23.24
15	25.03	21.32	15		23.50
20	25.10	21.58	20		23.77
25	25.16	21.87	25	26.08	23.98
eom	25.15	22.21	eom	26.20	24.25
	Feb.	Aug.		Feb.	Aug.
5	24.92	22.47	5	26.30	24.45
10	24.78	22.70	10	26.38	24.65
15	24.76	22.90	15	26.49	24.85
20	28.83	23.13	20	26.60	25.08
25	24.75	23.36	25	26.70	25.32
eom	24.70	23.66	eom	26.74	25.60
	Mar.	Sept.		Mar.	Sept.
5	24.65	23.91	5	26.82	25.74
10	24.72	24.15	10	26.90	25.87
15	24.74	24.34	15	26.99	25.93
20	24.81	24.48	20	27.06	25.96
25	24.97	24.38	25	27.08	25.99
eom		24.34	eom	26.98	25.89
	Apr.	Oct.		Apr.	Oct.
5	24.25	24.47	5	26.86	25.78
10	23.96	24.55	10	26.65	25.91
15	23.81	24.61	15	26.41	25.80
20	23.76	24.41	20	26.14	25.73
25	23.60	24.23	25	25.87	25.65
eom	23.42	24.19	eom	25.31	25.55
	May	Nov.		May	Nov.
5	23.28	24.31	5	24.73	25.48
10	23.04	24.44	10	24.04	25.51
15	22.85	24.61	15	23.41	25.67
20	22.72	24.76	20	22.89	25.78
25	22.59	24.87	25	22.65	
eom	22.58	24.99	eom	22.88	
	June	Dec.		June	Dec.
5	22.52	25.13	5	23.11	23.84
10	22.32	25.25	10	22.99	
15	22.15	25.37	15	22.95	
20	22.07	25.44	20	22.92	
25	21.99	25.51	25	22.87	
eom	21.85	25.62	eom	22.89	16.25

MUSKGOEE COUNTY, continued

1969			1970		
15N-19E-22acbl. NW¼SW¼NE¼. Owner, Mrs. Dill. Depth, 42 ft. Lsd, 514. Alluvium. Well equipped with water-level recorder. Highest, 19.27, Aug. 20, 1960; lowest, 30.85, June 25, 1967. Records: 1958-70.					
Day	Jan.	July	Day	Jan.	July
5	26.06	24.80	5	26.07	25.10
10	26.14	24.93	10	26.07	25.18
15	26.01	25.00	15	26.10	25.36
20	25.97	25.11	20	26.18	25.33
25	26.10	25.15	25	26.20	25.45
eom	25.88	25.20	eom	26.24	25.50
	Feb.	Aug.		Feb.	Aug.
5	25.74	25.27	5	26.28	25.65
10	25.62	25.30	10	26.30	25.84
15	25.56	25.33	15	26.37	25.99
20	25.58	25.33	20	26.43	26.03
25	25.38	25.36	25	26.46	26.10
eom	25.35	25.42	eom	26.46	26.22
	Mar.	Sept.		Mar.	Sept.
5	25.31	25.46	5	26.50	26.19
10	25.38	25.53	10	26.55	26.22
15	25.33	25.54	15	26.60	26.21
20	25.33	25.60	20	26.61	26.21
25	25.11	25.64	25	26.57	26.22
eom	25.03	25.66	eom	26.61	26.10
	Apr.	Oct.		Apr.	Oct.
5	25.00	25.75	5	26.63	26.11
10	24.99	25.76	10	26.65	26.10
15	24.94	25.60	15	26.71	25.88
20	24.91	25.51	20	26.74	25.65
25	24.84	25.52	25	26.70	25.35
eom	24.81	25.51	eom	26.43	25.13
	May	Nov.		May	Nov.
5	24.76	25.55	5	26.06	24.97
10	24.77	25.58	10	25.84	24.88
15	24.74	25.64	15	25.81	24.86
20	24.69	25.76	20	25.73	24.86
25	24.63	25.78	25	25.71	24.79
eom	24.59	25.80	eom	25.66	24.83
	June	Dec.		June	Dec.
5	24.58	25.80	5	25.59	24.94
10	24.56	25.86	10	25.53	24.91
15	24.71	25.92	15	25.37	24.92
20	24.75	25.94	20	25.27	25.02
25	24.67	25.99	25	25.14	25.11
eom	24.76	26.02	eom	25.12	25.12

OKFUSKEE COUNTY

1969			1970		
13N-7E-20bbc. SW1/4NW1/4. Owner, Dr. R. L. Duncan. Depth, 52 ft. Lsd, 900. Vamoosa Formation. Well equipped with water-level recorder. Highest, 0.01, Oct 8, 1970; lowest, 45.79, Sept 22, 1970. Records: 1969-70.					
Day	Jan.	July	Day	Jan.	July
5			5	45.14	43.38
10			10		44.15
15			15	44.95	44.62
20			20	41.02	44.93
25			25	40.42	45.14
eom			eom	40.28	45.26
	Feb.	Aug.		Feb.	Aug.
5			5	40.29	45.36
10			10	40.87	45.44
15			15	41.70	45.51
20			20	42.88	45.56
25			25	43.84	45.61
eom			eom	44.17	45.67
	Mar.	Sept.		Mar.	Sept.
5			5	44.26	45.67
10			10	44.35	45.71
15			15	44.58	45.74
20			20	44.92	45.77
25			25	42.92	3.14
eom			eom	39.93	13.15
	Apr.	Oct.		Apr.	Oct.
5			5	31.68	28.82
10			10	25.76	1.42
15			15	28.40	2.01
20			20	12.80	4.75
25			25	11.85	2.68
eom			eom	13.97	2.31
	May	Nov.		May	Nov.
5			5	3.70	2.59
10			10	10.70	3.68
15		44.21	15	26.15	3.42
20		44.53	20	35.40	6.10
25		44.73	25	39.40	14.45
eom		44.86	eom	42.08	23.21
	June	Dec.		June	Dec.
5		44.92	5	21.10	30.05
10		44.99	10	19.20	35.07
15		45.03	15	27.82	37.98
20		45.07	20	35.75	40.57
25		45.08	25	39.62	42.00
eom		45.11	eom	41.98	42.98

OKLAHOMA COUNTY

1969

1970

12N-3W-23dbl. NW $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, Sunray DX Oil Co. Depth, 791 ft. Garber Sandstone and Wellington Formation. Highest, 169.26, Jan. 22, 1962; lowest, 211.48, Sept. 21, 1956. Records: 1943-64, 1966-70.

Jan. 20	173.55	Sept. 23	176.66	Jan. 14	179.73	July 2	171.28
Feb. 25	172.80	Oct. 27	175.19	Feb. 13	170.09	Aug. 3	173.32
Mar. 25	171.39	Dec. 3	173.00	Mar. 13	170.01	Sept. 1	176.50
Apr. 23	171.38			Apr. 13	169.54	Oct. 3	176.51
May 22	172.20			May 7	169.55	Oct. 31	175.06
June 23	173.20			June 12	170.85	Dec. 1	171.95

OKMULGEE COUNTY

1969

1970

14N-11E-6add. SE $\frac{1}{2}$ SE $\frac{1}{2}$ NE $\frac{1}{2}$. Owner, Lilly M. Sharp. Depth, 33 ft. Lsd, 800.
Coffeyville Formation. Well equipped with water-level recorder. Highest, 1.90,
Oct. 31, 1970; lowest, 15.20, Jan. 5, 1970. Records: 1969-70.

Day	Jan.	July	Day	Jan.	July
5			5	el5.20	5.20
10			10		6.04
15			15	15.02	7.28
20			20	14.90	8.54
25			25	14.97	9.08
eom			eom	15.11	9.16
	Feb.	Aug.		Feb.	Aug.
5			5	14.96	9.50
10			10	15.07	9.60
15			15	14.82	9.93
20			20	14.83	10.03
25			25	14.94	10.23
eom			eom	14.78	
	Mar.	Sept.		Mar.	Sept.
5			5	14.43	
10			10	14.30	
15			15	14.58	11.36
20			20	14.48	11.53
25			25	14.08	
eom			eom	13.99	
	Apr.	Oct.		Apr.	Oct.
5			5	13.79	9.94
10			10	13.30	
15			15	13.03	
20			20	el1.20	
25			25	11.14	
eom			eom	11.15	1.90
	May	Nov.		May	Nov.
5			5		
10			10	3.95	
15			15	4.67	
20			20	5.41	
25		14.15	25	6.38	2.59
eom		14.38	eom		2.78
	June	Dec.		June	Dec.
5		14.25	5		3.05
10		14.15	10	2.47	3.19
15		14.63	15	2.55	3.38
20		14.85	20		3.27
25		14.56	25		3.39
eom		14.83	eom		2.83

PAYNE COUNTY

1969

1970

18N-3E-12cdcl. SW $\frac{1}{2}$ SE $\frac{1}{2}$ SW $\frac{1}{2}$. Owner, John Wolf. Depth, 39 ft. Rocks of Early Permian age. Highest, 14.16, Mar. 26, 1960; lowest, 23.58, Mar. 1, 1957. Records: 1951-70.

Mar. 29	17.80	Sept. 24	16.10	Apr. 6	19.50	Sept. 26	18.60
July 3	18.10	Dec. 26	16.80	Jun 25	20.20	Dec. 29	20.55

19N-1E-23cdcl. SW $\frac{1}{2}$ SE $\frac{1}{2}$ SW $\frac{1}{2}$. Owner, Erma T. Pool. Depth, 47 ft. Rocks of Early Permian age. Highest, 18.10, Dec. 24, 1962; lowest, 27.91, Jan. 28, 1941. Records: 1934-70.

Mar. 27	26.00	Sept. 23	25.30	Apr. 7	25.80	Sept. 26	26.20
July 1	26.00	Dec. 26	25.70	June	25.80	Dec. 28	26.00

19N-3E-2bbal. NE $\frac{1}{2}$ NW $\frac{1}{2}$ NW $\frac{1}{2}$. Owner, W. O. Snyder. Depth, 34 ft. Rocks of Early Permian age. Highest, 6.73, Apr. 27, 1942; lowest, 25.08, Oct. 26, 1956. Records: 1934-70.

Mar. 27	21.40	Sept. 24	22.60	Apr. 8	24.80	Sept. 26	20.40
July 3	21.50	Dec. 26	22.90	June 23	21.60	Dec. 28	22.60

19N-3E-20bbb1. NW $\frac{1}{2}$ NW $\frac{1}{2}$ NW $\frac{1}{2}$. Owner, Charles Focht. Depth, 30 ft. Rocks of Early Permian age. Highest, 2.17, Apr. 27, 1942; lowest, 26.52, Mar. 1, 1957. Records: 1934-70.

Mar. 27	2.95	Sept. 24	12.45	Apr. 6	15.85	Sept. 26	14.05
July 3	9.05	Dec. 26	13.75	June 25	13.45	Dec. 28	14.45

19N-3E-35aab1. NW $\frac{1}{2}$ NE $\frac{1}{2}$ NE $\frac{1}{2}$. Owner, Lovell Brothers. Depth, 49 ft. Rocks of Early Permian age. Highest, 21.93, June 29, 1962; lowest, 39.73, May 24, 1939. Records: 1934-70.

Mar. 29	28.73	Sept. 24	29.03	Apr. 6	29.93	Sept. 26	29.03
July 3	26.53	Dec. 26	29.53	June 25	27.03	Dec. 29	28.83

19N-4E-15cbb1. NW $\frac{1}{2}$ NW $\frac{1}{2}$ SW $\frac{1}{2}$. Owner, Mrs. Vern G. Phelps. Depth, 21 ft. Rocks of Early Permian age. Highest, 1.39, Mar. 21, 1958; lowest, 7.92, Oct. 26, 1956. Records: 1934-70.

Mar. 29	3.20	Sept. 24	5.80	Apr. 6	3.85	Sept. 26	1.40
July 3	4.90	Dec. 26	5.50	June 25	5.40	Dec. 29	5.80

PAYNE COUNTY, continued

1969					1970						
<u>20N-2E-21ccd1.</u> SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, Simon A. Laughlin. Depth, 41 ft. Rocks of Early Permian age. Highest, 10.95, Apr. 29, 1942; lowest, 36.29, Apr. 5, 1937. Records: 1934-70.											
Mar.	27	16.90	Sept.	23	19.10	Apr.	7	20.90	Sept.	26	20.70
July	1	16.50	Dec.	26	19.50	June	23	18.70	Dec.	28	19.50
<u>20N-3E23bab1.</u> NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, V. D. Hesser. Depth, 27 ft. Rocks of Early Permian age. Highest, 1.20, May 27, 1943; lowest, 14.41, Mar. 1, 1957. Records: 1934-70.											
Mar.	27	7.63	Sept.	24	9.33	Apr.	6	9.13	Sept.	26	10.73
July	3	6.53	Dec.	26	9.83	June	23	8.33	Dec.	28	11.03

PITTSBURG COUNTY

1969			1970					
5N-15E-32dda. NE¼SE¼SE¼. Owner, Bill Holeman. Depth, 110 ft. Lsd, 700. Savanna Formation. Well equipped with water-level recorder. Highest, 4.20, Apr. 18, 1970; lowest, 10.50, Oct. 3, 1970. Records: 1969-70.								
			Jan.	3	4.85	July	4	9.00
				10	7.44		11	9.60
				17	8.38		18	10.00
				24	9.40		25	10.20
				31	9.66			
			Feb.	7	9.29	Aug.	1	10.35
				14	9.72		8	10.39
				21	10.00		13	10.44
				28	9.00		22	9.70
							29	10.20
			Mar.	7	6.65	Sept.	5	10.35
				14	9.71		12	10.40
				21	8.12		19	
				28	9.01		26	10.30
			Apr.	4	9.73	Oct.	3	10.50
				11	10.11		10	7.00
				18	4.20		17	8.66
				25	4.92		24	5.92
							31	6.19

PONTOTOC COUNTY

1969

1970

1N-6E-4cad1. SE1/4NE1/4SW1/4. Owner, J. H. Brentz. Depth, 1,707 ft. Arbuckle Group. Well equipped with water-level recorder. Highest, 88.73, May 31, 1969; lowest 126.05, Dec. 31, 1966. Records: 1959-70.

Day	Jan.	July
5	111.19	97.62
10	110.75	98.78
15	110.65	99.94
20	h110.63	100.99
25	110.64	
eom	110.82	

	Feb.	Aug.
5	110.93	
10	110.91	
15	110.81	
20	110.33	
25	h106.64	
eom	105.64	

	Mar.	Sept.
5	104.30	
10	103.76	
15	103.13	
20	102.73	
25	h102.48	110.09
eom	101.87	110.49

	Apr.	Oct.
5	101.54	110.90
10	101.56	111.20
15	101.76	109.13
20	102.02	107.56
25	102.20	107.26
eom	101.91	107.46

	May	Nov.
5	101.44	107.77
10	99.85	108.17
15	97.65	108.59
20	93.05	109.12
25	89.33	109.68
eom	88.73	109.98

	June	Dec.
5	89.78	110.34
10	90.77	110.75
15	92.31	111.09
20	93.50	111.41
25	94.75	
eom	96.45	

Day	Jan.	July
5		107.53
10		108.05
15		108.64
20		109.18
25		109.59
eom		110.16

	Feb.	Aug.
5		110.62
10		111.06
15		111.62
20		112.03
25		112.46
eom		112.52

	Mar.	Sept.
5	h110.70	113.28
10	110.23	
15	109.93	h114.13
20	109.24	114.30
25	107.93	113.60
eom	106.95	112.79

	Apr.	Oct.
5	106.73	112.53
10	106.64	109.15
15	106.73	105.10
20	106.68	103.95
25	106.30	103.06
eom		101.65

	May	Nov.
5		101.35
10		101.54
15		102.03
20		102.30
25		102.73
eom		103.33

	June	Dec.
5		104.01
10		
15		
20	105.75	
25	106.33	
eom	106.97	

PONTOTOC COUNTY, continued

1969				1970			
4N-5E-25dbl. NW¼SE¼. Owner Floyd Poultry Farm. Depth, 110 ft. Boggy Formation. Highest, 105.72, May 17, 1960; lowest, 111.64, July 17, 1963. Records: 1955-63; 1967-69.							
Jan.	20	108.26	Apr.	23	108.47		
Feb.	25	108.90	May	22	108.04		
Mar.	25	108.64	June	23	107.62		

PUSHMATAHA COUNTY

1969				1970					
<u>2N-19E-21dbb.</u> NW¼NW¼SE¼. Owner, Mr. Coupman. Depth, 59 ft. Lsd, 700. Stanley Shale. Well equipped with water-level recorder. Highest, 2.45, Mar. 14, 1970; lowest, 8.88, Aug. 16, 1970. Records: 1969-70.									
				Jan.	3	3.40	July	4	6.45
					10	3.62		11	7.58
					17	4.17		18	8.11
					24	4.72		25	8.41
					31	5.44			
				Feb.	7	5.06	Aug.	1	8.59
					14	5.28		8	8.70
					21	5.72		16	8.88
					28	3.72		22	6.36
								29	7.45
				Mar.	7	3.86	Sept.	5	7.20
					14	3.45		12	8.00
					21	2.45		19	6.90
					28	4.71		26	4.08
				Apr.	4	5.07	Oct.	3	5.36
					11	5.73		10	4.66
					18	4.82		17	4.64
					25	3.09		24	2.38
								31	3.84
Nov.	18	4.38		May	2	3.50	Nov.	7	4.98
	23	4.90			9	6.00		14	2.74
	30	5.20			16	6.75		21	
					23	7.37		29	5.47
					30	7.87			
Dec.	6	4.40		June	6	5.25	Dec.	5	5.84
	13	4.90			13	4.10		12	6.15
	20	5.09			20	6.87		19	5.33
	27	5.23			27	5.08		26	5.53

PUSHMATAHA COUNTY, continued

1969

1970

48-16E-2aaa. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, H. L. Gilley. Depth, 175 ft. Lsd, 450. Stanley(?) Shale Well equipped with water-level recorder. Highest, 17.05, May 9, 1970; lowest, 18.08, Dec. 19, 26, 1970. Records: 1969-70.

			Jan.	3	17.60	July	4	17.73
				10	17.67		11	17.22
				17	17.56		18	17.23
				24	17.62		25	17.41
				31	17.76			
			Feb.	7	17.65	Aug.	1	17.38
				14	17.50		8	17.38
				21	17.88		15	17.58
				28	17.61		22	17.63
							29	17.72
			Mar.	7	17.61	Sept.	5	17.22
				14	17.64		12	17.83
				21	17.48		19	17.83
				28	17.45		26	17.70
			Apr.	4	17.43	Oct.	3	17.71
				11	17.32		10	17.71
				18	17.26		17	17.96
				25	17.21		24	17.71
							31	17.83
Nov.	23	17.48	May	2	17.31	Nov.	7	17.82
	30	17.57		9	17.05		14	17.88
				16	17.26		28	17.81
				23	17.21			
				30	17.16			
Dec.	6	17.33	June	6	17.10	Dec.	5	17.82
	13	17.56		13	17.13		12	17.82
	20	17.64		20	17.09		19	18.08
	27	17.52		27	17.17		26	18.08

ROGERS COUNTY

1969		1970	
<u>20N-15E-4cdd1. SE½SE½SW¼. Depth, 43 ft. Lsd, 570. Alluvium. Highest, 3.52, Nov. 18, 1959; lowest, 21.60, Mar. 28, 1967. Records: 1959-70.</u>			
Apr. 1	6.56	Mar. 24	15.37
Sept. 29	13.65	Oct. 7	13.77

SEQUOYAH COUNTY

<u>10N-26E-22add1. SE½SE½NE¼. Owner, U.S. Geol. Survey. Depth, 34 ft. Lsd, 424. Alluvium. Highest, 10.51, Mar. 18, 1968; lowest, 23.51, Oct. 10, 1966. Records: 1958-70.</u>			
Apr. 1	17.16	Mar. 16	16.97
Sept. 30	16.22	Oct. 5	16.94

SEQUOYAH COUNTY

1969

1970

11N-27E-21cdd1. SE&SE&SW&. Depth, 48 ft. Lsd, 413. Alluvium. Well equipped with water-level recorder. Highest, 7.22, May 25, 1960; lowest, 18.72, Oct. 10, 15, 1967. Records: 1960-70.

Day	Jan.	July	Day	Jan.	July
5	13.96	11.46	5		11.14
10	14.19	11.60	10		11.88
15		12.08	15		12.05
20		12.32	20		12.39
25		12.54	25	13.38	12.55
eom		12.61	eom	13.49	12.78
	Feb	Aug.		Feb.	Aug.
5	13.23	12.64	5	13.55	12.92
10	13.32	12.74	10	13.52	13.12
15	13.27	12.89	15	13.62	13.25
20	13.26	13.05	20	13.79	13.30
25	12.75	13.12	25	13.65	13.43
eom	12.59	13.34	eom	13.55	13.65
	Mar.	Sept.		Mar.	Sept.
5		13.51	5	13.19	13.66
10		13.65	10	13.18	13.81
15		13.65	15	13.13	13.79
20		13.73	20	12.90	13.52
25		13.75	25	12.90	12.97
eom		13.76	eom	12.95	13.03
	Apr.	Oct.		Apr.	Oct.
5	12.07	13.87	5	13.00	13.14
10	12.05	13.77	10	13.00	12.56
15	12.00	13.21	15	13.03	12.58
20	12.11	13.33	20	12.91	12.59
25	11.95	13.42	25	12.27	12.01
eom		13.25	eom	12.03	11.50
	May	Nov.		May	Nov.
5		13.28	5	11.72	11.44
10		13.31	10	11.75	11.43
15		13.36	15	11.87	11.35
20		13.49	20	11.86	11.38
25	11.56	13.56	25	11.87	11.18
eom	11.45	13.57	eom	11.88	
	June	Dec.		June	Dec.
5	11.43	13.57	5	11.91	11.54
10	11.40	13.59	10	11.82	11.34
15	11.45		15	10.95	11.38
20	11.43		20	11.07	11.56
25	11.26	13.81	25	11.01	11.65
eom	11.46		eom	11.06	

SEQUOYAH COUNTY, continued

1969			1970		
11N-27E-27bcbl. NW¼SW¼NW¼. Depth, 48 ft. Lsd, 414. Alluvium. Well equipped with water-level recorder. Highest, 13.83, June 5, 1906; lowest, 23.87, Apr. 15, 20, 1967. Records: 1960-70.					
Day	Jan.	July	Day	Jan.	July
5	18.38	14.96	5	18.68	15.92
10	18.40	15.02	10	18.66	16.08
15	18.17	15.41	15	18.68	16.34
20	17.95	15.62	20	18.86	16.69
25	18.00	15.88	25	18.84	16.93
eom	17.74	16.07	eom	18.98	17.20
	Feb.	Aug.		Feb.	Aug.
5	17.45	16.28	5	19.07	17.42
10	17.35	16.49	10	19.09	17.56
15	17.18	16.68	15	19.19	17.72
20	17.16	16.87	20	19.29	17.89
25	16.77	17.07	25	19.30	18.05
eom	16.59	17.38	eom	19.30	18.32
	Mar.	Sept.		Mar.	Sept.
5	16.37	17.58	5	19.15	18.35
10	16.32	17.77	10	19.15	18.50
15	16.17	18.03	15	19.18	18.55
20	16.21	18.19	20	19.01	18.48
25	16.05	18.23	25	18.90	18.14
eom		18.31	eom	18.94	18.20
	Apr.	Oct.		Apr.	Oct.
5	15.62	18.50	5	19.00	18.33
10	15.50	18.52	10	19.03	17.88
15	15.43	17.67	15	19.03	17.79
20	15.54	17.88	20	18.81	17.76
25	15.43	18.05	25	18.32	17.35
eom	15.26	17.86	eom	17.75	16.60
	May	Nov.		May	Nov.
5	15.13	17.79	5	17.22	16.40
10	15.11	17.91	10	16.90	16.29
15	15.00	18.09	15	16.64	16.19
20	15.00	18.31	20	16.35	16.08
25	14.87	18.46	25	16.06	16.02
eom	14.78	18.55	eom	15.90	16.15
	June	Dec.		June	Dec.
5	14.77	18.64	5	15.81	16.44
10	14.74	18.68	10	15.73	16.46
15	14.85	18.81	15	15.63	16.51
20	14.86	18.85	20	15.70	16.72
25	14.76	18.96	25	15.65	16.88
eom	14.98	18.79	eom	15.75	16.99

SEQUOYAH COUNTY, continued

1969			1970		
<u>12N-21E-18acal. NE1/4SW1/4NE1/4. Depth, 42 ft. Lsd, 485. Alluvium. Well equipped with water-level recorder. Highest, 17.80, Aug. 13, 1958; lowest 27.16, Sept. 15, 1967. Records: 1958-70.</u>					
Day	Jan.	July	Day	Jan.	July
5	22.28	20.78	5	22.72	22.85
10	22.78	20.85	10	22.91	22.98
15	22.88	21.07	15	22.93	23.12
20	22.99	21.15	20	23.01	23.25
25	23.22	21.46	25	23.03	23.34
eom	20.56	21.69	eom	23.19	23.46
	Feb.	Aug.		Feb.	Aug.
5	21.52	21.88	5	23.26	23.55
10	21.98	22.07	10	23.31	23.63
15	22.16	22.21	15	23.39	23.71
20	22.20	22.35	20	23.48	23.77
25	20.50	22.48	25	23.50	
eom	20.99	22.65	eom	23.51	23.93
	Mar.	Sept.		Mar.	Sept.
5	21.28	22.75	5	23.37	23.96
10	21.60	22.90	10	23.32	24.03
15	21.69	22.97	15	23.34	24.05
20	21.82	23.08	20	21.91	24.07
25	20.11	23.13	25	22.36	24.58
eom	21.08	23.17	eom	22.58	
	Apr.	Oct.		Apr.	Oct.
5	21.17	23.26	5	22.71	
10	21.22	23.29	10	22.77	21.05
15	21.25	20.09	15	22.82	22.62
20	21.08	21.64	20	22.79	22.93
25	21.19	22.06	25	22.80	20.61
eom	20.45	22.30	eom	21.87	21.04
	May	Nov.		May	Nov.
5	20.92	22.46	5	21.15	21.49
10	19.92	22.58	10	21.56	21.61
15	20.39	22.72	15	21.65	21.74
20	19.69	22.88	20	21.57	21.78
25	20.19	23.02	25	21.63	21.81
eom	19.35	23.10	eom	21.92	21.90
	June	Dec.		June	Dec.
5	19.85	23.17	5	22.15	22.04
10	20.15	23.23	10	22.29	22.06
15	20.39	23.34	15	22.42	22.16
20	20.51	23.40	20	22.52	22.23
25	20.62	23.48	25	22.60	22.26
eom	20.78	21.81	eom	22.73	22.26

TEXAS COUNTY

1969			1970		
<u>1N-12E-35bdd1. SE$\frac{1}{4}$SE$\frac{1}{4}$NW$\frac{1}{4}$. Owner, Otto Harland. Depth, 386 ft. Ogallala Formation. Well equipped with water-level recorder. Highest, 188.80, May 20, 1957; lowest, 192.45, Oct. 15, 1970. Records: 1956-70.</u>					
Day	Jan.	July	Day	Jan.	July
5		191.35	5	191.39	192.22
10		191.55	10	191.22	192.23
15	190.90	191.43	15	191.37	192.38
20	190.88	191.55	10	191.53	192.05
25	191.15	191.49	15	191.39	192.07
eom	191.08	191.53	eom	191.48	191.96
	Feb.	Aug.		Feb.	Aug.
5	190.83	191.54	5	191.49	192.10
10	191.06	191.64	10		192.08
15	191.09	191.62	15	191.48	192.09
20	191.00	191.61	20	191.85	192.06
25	191.04		25	191.58	192.06
eom	191.28		eom	191.46	192.03
	Mar.	Sept.		Mar.	Sept.
5	190.97	191.27	5	191.68	191.94
10	191.22	191.47	10	191.61	192.10
15	191.07	191.29	15	191.68	191.80
20	190.94	191.45	20	191.79	191.83
25	190.82	191.40	25	191.52	
eom	191.18	191.37	eom	191.63	191.95
	Apr.	Oct.		Apr.	Oct.
5	190.85	191.43	5	191.78	191.86
10	190.95	191.29	10	191.71	191.91
15	190.91	191.38	15	191.45	192.45
20	190.09	191.67	20	191.48	192.13
25	190.86	191.67	25	191.57	192.09
eom	190.96		eom	191.62	192.27
	May	Nov.		May	Nov.
5	191.16		5	191.72	192.11
10	191.33		10	191.55	192.06
15	191.20	191.40	15	191.98	192.23
20		191.61	20	191.78	191.98
25		191.61	25	191.73	191.81
eom		191.43	eom	191.74	192.00
	June	Dec.		June	Dec.
5		191.24	5	191.86	192.15
10		191.32	10	191.69	192.00
15	191.26	191.50	15		191.91
20	191.25	191.29	20	192.27	192.11
25	191.06	191.39	25	192.20	192.14
eom	191.37	191.48	eom	192.18	192.14

TEXAS COUNTY, continued

1969				1970			
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1N-15E-27ccbl. NW¼SW¼SW¼. Owner, J. Norton Estate. Depth, 133 ft. Ogallala Formation. Highest, 72.22, Jan. 15, 1969; lowest, 78.91, July 30, 1968. Records: 1966-70.

Jan. 15	72.22	Aug. 6	76.45	Jan. 30	75.25	Oct. 13	78.90
Feb. 13	78.15	Sept. 24	77.97	Feb. 11	75.37	Nov. 16	76.09
Apr. 18	77.53	Oct. 12	75.01	Mar. 12	75.46	Dec. 14	76.41
May 19	77.66	Dec. 12	75.13	Apr. 15	75.50		
June 17	78.05			May 11	77.10		

1N-16E-36dbbl. NW¼NW¼SE¼. Owner, State of Oklahoma. Depth, 198 ft. Ogallala Formation. Highest, 187.02, Aug. 11, 1967; lowest, 199.27, Jan. 16, 1970. Records: 1966-70.

Jan. 15	194.96	Sept. 24	197.51	Jan. 16	199.27
Feb. 14	194.19	Oct. 16	197.29	Discontinued.	
Apr. 18	194.03	Nov. 12	194.78		
May 19	194.11	Dec. 15	194.64		
June 16	194.09				

1N-17E-10cccl. SW¼SW¼SW¼. Owner, W. C. Miller. Depth, 180 ft. Ogallala Formation. Highest, 143.89, Nov. 12, 1969; lowest, 148.65, Mar. 12, 1970. Records: 1966-70.

Feb. 14	144.48	Oct. 31	143.95	Jan. 16	144.90	Aug. 14	144.21
Apr. 18	144.38	Nov. 12	143.89	Feb. 11	145.01	Sept. 14	144.13
May 19	144.42	Dec. 15	143.91	Mar. 13	148.65	Oct. 15	144.36
June 16	144.33			Apr. 15	144.08	Nov. 16	144.33
Aug. 6	143.90			May 11	144.08	Dec. 14	144.25
Sept. 24	144.01			June 16	144.17		

2N-12E-25dbbl. NW¼NW¼SE¼. Owner, H. B. Hale Estate. Depth, 332 ft. Ogallala Formation. Highest, 221.20, Mar. 1966; lowest, 249.26, Aug. 14, 1970. Records: 1966-70.

Jan. 15	241.55	Aug. 7	240.23	Jan. 13	240.80	June 16	246.48
Feb. 13	240.93	Sept. 23	240.78	Feb. 11	242.38	Aug. 14	249.26
Apr. 29	240.28	Oct. 15	240.94	Mar. 12	243.93	Oct. 13	248.76
May 21	240.21	Nov. 23	240.65	Apr. 15	242.58	Nov. 13	247.63
June 17	239.92	Dec. 12	240.83	May 11	242.21	Dec. 14	246.74

TEXAS COUNTY, continued

1969				1970			
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2N-17E-15abb1. NW¼NW¼NE¼. Owner, U.S. Geol. Survey. Depth, 11.5 ft. Alluvium. Highest, 2.83, July 20, 1950; lowest, 7.96, Oct. 26, 1953. Records: 1946-70.

Jan. 16	6.42	Oct. 16	6.59	Jan. 16	7.36	Aug. 14	6.07
Apr. 17	6.10	Nov. 12	7.31	Feb. 11	7.28	Sept. 14	5.76
May 19	6.16	Dec. 15	7.26	Mar. 12	7.04	Oct. 15	7.55
June 19	6.19			Apr. 15	6.97	Nov. 16	7.73
Aug. 6	5.90			May 11	6.84	Dec. 14	7.73
Sept. 24	6.95			June 16	6.15		

3N-10E-11bbb2. NW¼NW¼NW¼. Owner, A. Waldron. Ogallala Formation. Highest, 117.88, July 26, 1967; lowest, 125.00, Mar. 1966. Records: 1966-70.

Jan 14	119.44	Aug. 7	118.90	Jan. 14	118.91	June 17	118.62
Feb. 13	119.31	Oct. 21	119.36	Feb. 11	119.14		
Apr. 15	118.72	Nov. 12	119.13	Mar. 17	118.31		
May 21	119.34	Dec. 12	119.27	Apr. 22	118.43		
June 16	119.09			May 17	118.73		

3N-15E-31ddc. SW¼SE¼SE¼. Owner, City of Guymon. Depth, 377 ft. Ogallala Formation. Well equipped with water-level recorder. Highest, 215.70, Apr. 5, 1967; lowest, 220.28, Oct. 31, 1968. Records: 1967-69.

Jan. 5	218.40
10	218.47
15	218.23
20	217.99
25	217.89
31	217.83

Feb. 5	217.99
10	217.83
15	217.81
20	217.67
25	217.68
28	217.94

Mar. 5	217.45
10	217.70
15	217.32
20	217.33
25	217.31

Discontinued.

TEXAS COUNTY, continued

1969					1970						
3N-17E-36bdd. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, Boss Neff. Depth, 108 ft. Ogallala Formation. Well equipped with water-level recorder. Highest, 90.11, Feb. 10, 1970; lowest, 93.82, May 11, 1970. Records: 1967-70.											
Day	Jan.		July								
5	91.66										
10	91.71										
15	91.68										
20	91.96										
25	92.09										
eom	92.15										
		Feb.									
5	92.04										
10											
15											
20	91.92										
25	91.90										
eom	91.98										
		Mar.									
5											
10											
15	92.06										
20	91.93										
25	92.08										
eom	92.00										
		Apr.									
5	91.90										
10	91.97										
15	91.90										
20											
25											
eom											
Recorder removed.											
May	19	91.78	Nov.	12	92.02	Jan.	16	93.08	June	16	92.24
June	16	91.83	Dec.	15	91.96	Feb.	10	90.11	Oct.	15	93.33
Aug.	6	92.25				Mar.	12	91.97	Nov.	16	92.67
Sept.	24	92.47				Apr.	15	91.85	Dec.	14	92.38
Oct.	16	92.34				May	11	93.82			

TEXAS COUNTY, continued

1969

1970

3N-18E-11aabl.

NW¼NE¼NE¼.

Owner, H. J. Klassen.

Ogallala Formation.

Highest, 84.24, May 12, 1970; lowest, 88.60, Apr. 16, 1969.

Records: 1966-70.

Feb. 14

85.87

Oct. 16

84.35

Jan. 15

85.22

Aug. 14

84.70

Apr. 16

88.60

Nov. 12

84.28

Feb. 13

84.26

Sept. 21

84.41

May 19

84.43

Dec. 15

84.45

Mar. 14

84.39

Oct. 20

84.52

June 19

84.51

Apr. 16

84.27

Nov. 17

84.58

Aug. 6

84.40

May 12

84.24

Dec. 15

84.41

Sept. 24

84.49

June 17

84.38

4N-12E-3ddd1.

SE¼SE¼SE¼.

Owner, Furguson Estate.

Depth, 175 ft. Ogallala Formation.

Highest, 134.13, Dec. 20, 1968; lowest, 138.53, Mar. 12, 1970.

Records: 1966-70.

Jan. 14

135.27

Aug. 7

135.96

Jan. 29

134.90

June 17

138.11

Feb. 13

135.14

Sept. 23

134.86

Feb. 11

134.55

Oct. 20

136.11

Apr. 14

134.59

Oct. 17

135.61

Mar. 12

138.53

Nov. 17

134.56

May 21

134.63

Nov. 12

134.54

Apr. 22

134.49

Dec. 22

134.28

June 16

134.61

Dec. 12

135.03

May 12

135.38

4N-12E-24dad.

SE¼NE¼SE¼.

Owner, Donald Nichols.

Depth, 176.5 ft. Ogallala Formation.

Highest, 148.30, Dec. 22, 1970; lowest, 149.50, Dec. 18, 1967.

Records: 1967-70.

Jan. 14

148.55

Oct. 17

148.76

Jan. 12

148.70

Aug. 17

148.45

Apr. 15

148.56

Nov. 12

148.82

Feb. 11

148.84

Sept. 21

148.52

May 21

148.57

Dec. 13

148.79

Mar. 11

148.77

Oct. 20

148.38

June 16

148.63

Apr. 22

148.56

Nov. 17

148.37

Aug. 7

148.59

May 12

148.70

Dec. 22

148.30

Sept. 23

148.89

June 17

148.58

5N-12E-10bbcl.

SW¼NW¼NW¼.

Owner, Blowey Estate.

Ogallala Formation.

Highest, 180.99, Mar. 19, 1970; lowest, 192.10, Mar. 1966.

Records: 1966-70.

Jan. 14

187.19

Aug. 7

186.50

Jan. 13

182.84

Sept. 22

181.59

Feb. 13

187.30

Sept. 23

185.15

Feb. 11

182.64

Oct. 20

181.78

Apr. 15

186.03

Oct. 17

184.79

Mar. 17

180.99

Nov. 17

181.90

May 21

185.98

Nov. 12

184.94

Apr. 22

182.00

Dec. 21

181.92

June 16

186.01

Dec. 12

184.86

June 1

181.88

TEXAS COUNTY, continued

1969			1970		
5N-19E-30caal. NE1/4NE1/4SW1/4. Owner, J. L. Mitchell. Ogallala Formation. Highest, 81.06, Mar. 3, 1966; lowest, 82.64, Jan. 19, 1968. Records: 1966-70.					
Day	Jan.	July	Day	Jan	July
5	82.34	82.28	5	82.21	
10	82.35	82.27	10	82.02	
15		82.27	15	81.94	
20	82.35	82.32	20	81.94	
25	82.33	82.28	25	81.92	
eom	82.32	82.34	eom	81.85	
	Feb.	Aug.		Feb.	Aug.
5	82.27	82.35	5	81.89	
10	82.29	82.38	10	81.86	
15	82.33	82.39	15	81.89	
20	82.30	82.41	20	81.92	
25	82.32		25	81.91	
eom	82.36		eom	81.90	
	Mar.	Sept.		Mar.	Sept.
5	82.31		5	81.88	
10	82.36		10	81.93	
15	82.37		15	81.91	
20	82.38		20	81.94	
25	82.38	82.46	Discontinued.		
eom	82.38	82.40			
	Apr.	Oct.			
5	82.36	82.45			
10	82.36	82.35			
15		82.33			
20	82.32	82.37			
25	82.28	82.34			
eom	82.28	82.30			
	May	Nov.			
5	82.30	82.25			
10	82.30	82.24			
15	82.28	82.18			
20	82.31	82.20			
25	82.30	82.16			
eom	82.24	82.15			
	June	Dec.			
5	82.29	82.08			
10	82.25	82.07			
15		82.24			
20	82.30	82.20			
25	82.25	82.24			
eom	82.30	82.19			

TEXAS COUNTY, continued

1969		1970	
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6N-15E-27cddl. SE $\frac{1}{2}$ SE $\frac{1}{2}$ SW $\frac{1}{2}$. Owner, A. M. Frankhanser. Depth, 167 ft. Ogallala Formation. Highest, 141.05, May 10, 1960; lowest, 148.80, Oct. 17, 1969. Records: 1937-42, 1946-50, 1952-69.

Jan.	14	145.56	Sept.	23	147.12
Feb.	13	145.44	Oct.	17	148.80
Apr.	16	145.23	Nov.	12	148.39
May	19	145.35	Dec.	12	148.46
June	19	145.29	Discontinued.		
Aug.	8	147.77			

6N-16E-22aba. NE $\frac{1}{2}$ NW $\frac{1}{2}$ NE $\frac{1}{2}$. Owner, C. A. Rahm. Depth, 145 ft. Ogallala Formation. Highest, 96.60, May 18, 1966; lowest, 122.87, Sept. 24, 1940. Records: 1937-49, 1952-55, 1957-69.

Jan.	14	97.56	May	19	97.52
Feb.	13	97.50	June	19	97.57
Apr.	16	97.56	Discontinued.		

TILLMAN COUNTY

1N-17W-31dcdl. SW $\frac{1}{2}$ SW $\frac{1}{2}$ SE $\frac{1}{2}$. Owner, M. H. Swartz. Depth, 39 ft. Lsd, 1,370. Terrace deposits. Highest, 18.07, Sept. 30, 1957; lowest, 34.50, Dec. 9, 1952. Records: 1952-70.

Jan.	6	29.96	July	21	30.60	Jan.	21	29.88	July	20	30.68
Feb.	5	29.85	Sept.	3	30.65	Feb.	23	30.03	Aug.	25	30.68
Mar.	12	29.73	Oct.	6	30.37	Mar.	24	30.05	Sept.	23	31.38
Apr.	10	29.68	Nov.	12	30.23	Apr.	21	29.79	Oct.	22	30.82
May	9	29.75	Dec.	10	29.80	May	22	30.12	Nov.	23	30.45
June	19	29.95				June	23	30.36	Dec.	28	30.54

1N-18W-1cbal. NE $\frac{1}{2}$ NW $\frac{1}{2}$ SW $\frac{1}{2}$. Owner, James Riggs. Depth, 39 ft. Alluvium. Highest, 5.90, June 20, 1961; lowest, 14.96, Nov. 23, 1970. Records: 1953-70.

Jan.	6	13.27	July	21	13.40	Jan.	23	13.68	July	25	14.45
Feb.	5	13.43	Sept.	3	13.69	Feb.	23	13.70	Aug.	20	14.18
Mar.	12	13.40	Oct.	6		Mar.	24	13.81	Sept.	23	14.66
Apr.	10	13.32	Nov.	12	13.69	Apr.	21	13.80	Oct.	22	14.82
May	9		Dec.	10	14.67	May	22	13.85	Nov.	23	14.96
June	19	13.03				June	23	13.98	Dec.	28	15.10

TILLMAN COUNTY

1969					1970				
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1N-18W-29ddd1. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, G. W. Triuma. Depth, 42 ft. Lsd, 1,342. Terrace deposits. Highest, 18.38, June 2, 1947; lowest, 34.90, Aug. 16, 1954. Records: 1944-70.

Jan.	6	28.71	July	21	28.74	Jan.	22	28.10	July	25	28.68
Feb.	5	28.62	Sept.	3	28.92	Feb.	23	27.98	Aug.	20	28.30
Mar.	12	28.55	Oct.	6	28.89	Mar.	24	27.96	Sept.	23	28.88
Apr.	10	28.45	Nov.	12	28.61	Apr.	21	27.93	Oct.	22	28.94
May	9	28.45	Dec.	10	28.36	May	22	27.90	Nov.	23	28.98
June	19	28.47				June	23	27.93	Dec.	28	29.04

1N-19W-25bcl. SW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, Eugene Young. Depth, 54 ft. Terrace deposits. Highest, 16.00, July 22, 1958; lowest, 27.07, Nov. 23, 1970. Records: 1952-70.

Jan.	6	25.62	July	21	25.75	Jan.	23	26.16	July	25	26.44
Feb.	4	25.60	Sept.	3	26.03	Feb.	23	26.15	Aug.	20	26.30
Mar.	12	25.58	Oct.	6	26.16	Mar.	24	26.29	Sept.	23	26.61
Apr.	10	25.58	Nov.	12	26.19	Apr.	21	26.29	Oct.	22	26.85
May	9	25.57	Dec.	10	26.09	May	22	26.23	Nov.	23	27.07
June	19	25.57				June	23	26.25	Dec.	28	a

1N-19W-35bbb. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, T. G. Jennings. Terrace deposits. Highest, 25.98, Feb. 17, 1967; lowest, 28.61, Oct. 11, 1968. Records: 1967-70.

Jan.	6	27.22	July	21	26.58	Jan.	20	27.25	July	20	27.50
Feb.	4	27.18	Sept.	3	27.42	Feb.	23	27.21	Aug.	25	27.85
Mar.	12	26.80	Oct.	6	27.52	Mar.	24	27.21	Sept.	23	28.14
Apr.	10	26.77	Nov.	12	27.43	Apr.	21	27.16	Oct.	22	28.23
May	9	26.75	Dec.	10	28.34	May	22	26.25	Nov.	23	28.18
June	19	26.40				June	23	26.44	Dec.	28	28.16

1S-18W-14cbb. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$. Owner, city of Frederick. Depth, 64 ft. Terrace deposits. Highest, 17.59, June 23, 1970; lowest, 21.72, Dec. 28, 1970. Records: 1970.

Mar.	24	18.45	Aug.	20	20.12
Apr.	21	18.73	Sept.	23	20.64
May	22	19.18	Oct.	22	20.72
June	23	17.59	Nov.	23	20.95
July	25	20.50	Dec.	28	21.72

TILLMAN COUNTY, continued

1969	1970
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1S-18W-15dcc. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, city of Frederick. Depth, 63 ft. Terrace deposits. Highest, 18.17, Mar. 24, 1970; lowest, 20.34, Dec. 28, 1970. Records: 1970.

Mar.	24	18.17	Aug.	25	19.45
Apr.	21	18.32	Sept.	23	19.75
May	22	18.42	Oct.	22	19.94
June	23	18.71	Nov.	23	20.10
July	20	18.93	Dec.	28	20.34

1S-18W-22add. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, city of Frederick. Depth, 62 ft. Terrace deposits. Highest, 20.70, Mar. 24, 1970; lowest, 22.83, June 23, 1970. Records: 1970.

Mar.	24	20.70	Aug.	25	21.89
Apr.	21	22.56	Sept.	23	22.29
May			Oct.	22	22.45
June	23	22.83	Nov.	23	22.50
July	20	21.54	Dec.	28	22.62

1S-18W-23baa. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, city of Frederick. Depth, 62 ft. Terrace deposits. Highest, 20.00, Mar. 24, 1970; lowest, 22.57, Nov. 23, 1970. Records: 1970.

Mar.	24	20.00	Aug.	25	21.22
Apr.	21	20.25	Sept.	23	21.40
May	22	20.39	Oct.	22	21.46
June	23	20.60	Nov.	23	22.57
July	20	20.93	Dec.	28	21.90

1S-18W-26bbb. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, Bill Purdy. Terrace deposits. Highest, 23.30, Dec. 11, 1968; lowest, 26.98, Sept. 23, 1970. Records: 1968-70.

Jan.	6	24.17	July	21	24.31	Jan.	21	24.51	July	20	25.15
Feb.	5	24.04	Sept.	3	26.06	Feb.	23	24.28	Aug.	25	a
Mar.	12	24.02	Oct.	6	25.17	Mar.	24	24.27	Sept.	23	26.98
Apr.	10	a	Nov.	12	24.52	Apr.	21	24.25	Oct.	22	26.84
May	9		Dec.	10	24.42	May	22	24.15	Nov.	23	26.15
June	20	23.90				June	23	24.37	Dec.	28	26.04

TILLMAN COUNTY, continued

1969

1970

1S-18W-15dec. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, city of Frederick. Depth, 63 ft. Terrace deposits. Highest, 18.17, Mar. 24, 1970; lowest, 20.34, Dec. 28, 1970. Records: 1970.

Mar.	24	18.17	Aug.	25	19.45
Apr.	21	18.32	Sept.	23	19.75
May	22	18.42	Oct.	22	19.94
June	23	18.71	Nov.	23	20.10
July	20	18.93	Dec.	28	20.34

1S-18W-22add. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, city of Frederick. Depth, 62 ft. Terrace deposits. Highest, 20.70, Mar. 24, 1970; lowest, 22.83, June 23, 1970. Records: 1970.

Mar.	24	20.70	Aug.	25	21.89
Apr.	21	22.56	Sept.	23	22.29
May			Oct.	22	22.45
June	23	22.83	Nov.	23	22.50
July	20	21.54	Dec.	28	22.62

1S-18W-23baa. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, city of Frederick. Depth, 62 ft. Terrace deposits. Highest, 20.00, Mar. 24, 1970; lowest, 22.57, Nov. 23, 1970. Records: 1970.

Mar.	24	20.00	Aug.	25	21.22
Apr.	21	20.25	Sept.	23	21.40
May	22	20.39	Oct.	22	21.46
June	23	20.60	Nov.	23	22.57
July	20	20.93	Dec.	28	21.90

1S-18W-26bbb. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, Bill Purdy. Terrace deposits. Highest, 23.30, Dec. 11, 1968; lowest, 26.98, Sept. 23, 1970. Records: 1968-70.

Jan.	6	24.17	July	21	24.31	Jan.	21	24.51	July	20	25.15
Feb.	5	24.04	Sept.	3	26.06	Feb.	23	24.28	Aug.	25	a
Mar.	12	24.02	Oct.	6	25.17	Mar.	24	24.27	Sept.	23	26.98
Apr.	10	a	Nov.	12	24.52	Apr.	21	24.25	Oct.	22	26.84
May	9		Dec.	10	24.42	May	22	24.15	Nov.	23	26.15
June	20	23.90				June	23	24.37	Dec.	28	26.04

TILLMAN COUNTY, continued

1969

1970

1S-18W-33aaa. NE½NE½NE½. Owner, Virgil Hale. Depth, 50 ft. Terrace deposits. Highest, 26.26, Apr. 21, 1970; lowest, 29.33, Aug. 25, 1970. Records: 1968-70.

Jan. 6 26.97 July 21 27.47 Jan. 21 26.45 July 20 27.37

Feb. 5 26.82 Sept. 3 29.32 Feb. 23 26.38 Aug. 25 29.33

Mar. 12 26.68 Oct. 6 27.20 Mar. 24 26.33 Sept. 23 29.21

Apr. 10 26.58 Nov. 12 26.92 Apr. 21 26.26 Oct. 22 28.25

May 9 26.43 Dec. 10 26.73 May 22 26.27 Nov. 23 27.82

June 20 26.38 June 23 26.35 Dec. 28 28.07

1S-19W-2bbb1. NW½NW½NW½. Owner, Leon Stansell. Depth, 41 ft. Lsd, 1,273. Terrace deposits. Highest, 23.11, June 4, 1953; lowest, 37.63, Sept. 13, 1967. Records: 1952, 1962-63, 1965-70.

Jan. 6 July 21 36.22 Jan. 22 34.90 July 36.84

Feb. 20 34.38 Sept. 3 36.38 Feb. 23 35.22

Mar. 12 34.29 Oct. 6 35.83 Mar. 24 34.68

Apr. 10 34.20 Nov. 12 35.42 Apr. 21 34.60

May 9 34.10 Dec. 10 35.18 May 22 34.48

June 19 34.14 June 23 a

1S-19W-10baa1. NE½NE½NW½. Owner, I. W. Kinney. Depth, 45 ft. Lsd, 1,265. Terrace deposits. Highest, 21.11, Oct. 19, 1949; lowest, 36.03, Sept. 13, 1967. Records: 1949-50, 1952-70.

Jan. 6 28.08 July 21 a Jan. 22 28.85 July 20 a

Feb. 4 28.00 Sept. 3 33.60 Feb. 23 28.68 Aug. 25 a

Mar. 12 27.98 Oct. 6 29.85 Mar. 24 28.55 Sept. 23 31.16

Apr. 10 28.05 Nov. 12 29.20 Apr. 21 28.61 Oct. 22 30.36

May 9 a Dec. 10 28.96 May 22 a Nov. 23 29.84

June 19 a June 19 a Dec. 28 29.60

1S-19W-25dab. NW½NE½SE½. Owner, Cotton Substation. Depth, 54 ft. Terrace deposits. Highest, 18.38, June 2, 1947; lowest, 35.42, July 14, 1966. Records: 1944-70.

Jan. 6 25.09 July 21 34.81c Jan. 21 25.78 July 20 35.01c

Feb. 4 24.93 Sept. 3 31.64 Feb. 23 27.24 Aug. 25 34.69

Mar. 12 25.23 Oct. 6 27.72 Mar. 24 25.91 Sept. 23 32.99

Apr. 10 27.07 Nov. 12 26.14 Apr. 21 25.67 Oct. 22 30.76

May 9 27.30 Dec. 10 26.04 May 22 23.38 Dec. 28 30.70

June 19 26.14 June 23 32.06

TILLMAN COUNTY, continued

1969

1970

2S-18W-3ddd. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, William Pothorst. Depth, 61 ft. Terrace deposits. Highest, 34.48, Feb. 5, 1969; lowest, 39.52, Sept. 20, 1968. Records: 1968-70.

Jan. 6	34.74	July 21	a	Jan. 21	34.93	July 20	a
Feb. 5	34.48	Sept. 3	37.57	Feb. 23	37.55	Aug. 25	a
Mar. 12	34.93	Oct. 6		Mar. 24	35.18	Sept. 23	
Apr. 10	35.44	Nov. 12	35.58	Apr. 21	34.74	Oct. 22	35.85
May 9		Dec. 10	35.26	May 22	34.50	Nov. 23	35.50
June 20				June 23	a	Dec. 28	35.25

2S-18W-4dcd. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$. Owner, city of Frederick. Terrace deposits. Highest, 47.84, Apr. 10, 1969; lowest, 49.05, Aug. 25, 1970. Records: 1968-70.

Jan. 6	48.02	July 21	a	Jan. 21	a	July 20	48.86
Feb. 5	47.88	Sept. 3	48.83	Feb. 23	47.95	Aug. 25	49.05
Mar. 12	47.89	Oct. 6	48.93	Mar. 24	48.34	Sept. 23	a
Apr. 10	47.84	Nov. 12	a	Apr. 21	48.29	Oct. 22	a
May 9	a	Dec. 10	a	May 22	48.40	Nov. 23	48.82
June 20	a			June 23	a		

2S-18W-5add. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, city of Frederick. Terrace deposits. Highest, 71.87, May 9, 1969; lowest, 75.60, Sept. 23, 1970. Records: 1968-70.

Jan. 6	73.22	July 21	a	Jan. 21	a	July 20	a
Feb. 5	72.48	Sept. 3	74.73	Feb. 23	73.15	Aug. 25	75.45
Mar. 12	72.32	Oct. 6	74.89	Mar. 24	73.52	Sept. 23	75.60
Apr. 10	73.05	Nov. 12	73.84	Apr. 21	73.35	Oct. 22	75.46
May 9	71.87	Dec. 10	73.80	May 22	73.50	Nov. 23	74.30
June 20	72.90			June 23	a		

2S-18W-9abb. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, Ralph Keith. Depth, 83 ft. Terrace deposits. Highest, 60.15, Mar. 12, 1969; lowest, 71.84, Sept. 20, 1968. Records: 1968-70.

Jan. 6	60.32	July 21	60.41	Jan. 21	61.02	July 20	61.09
Feb. 5	61.23	Sept. 3	60.92	Feb. 23	60.85	Aug. 25	61.50
Mar. 12	60.15	Oct. 6	65.50	Mar. 24	60.83	Sept. 23	61.47
Apr. 10	60.52	Nov. 12	65.67	Apr. 21	62.37	Oct. 22	61.75
May 9	61.10	Dec. 10	65.42	May 22	60.80	Nov. 23	61.59
June 20	62.50			June 23	62.90	Dec. 28	61.48

TILLMAN COUNTY, continued

1969	1970
<p>2S-19W-14dbcl. SW$\frac{1}{4}$NW$\frac{1}{4}$SE$\frac{1}{4}$. Owner, Walter Ray. Depth, 60 ft. Terrace deposits. Highest, 30.81, Mar. 6, 1962; lowest, 38.95, Jan. 14, 1965. Records: 1953-63, 1965-70.</p>	

Jan. 6 33.83	July a	Jan. 22 33.82	July 20 a
Feb. 4 33.77	Sept. 3 34.62	Feb. 23 33.75	Aug. 25 a
Mar. 12 33.66	Oct. 6	Mar. 12 33.63	Sept. 23
Apr. 10 33.60	Nov. 12 34.20	Apr. 21 33.60	Oct. 22 35.47
	Dec. 10 34.00	May 22 33.49	Nov. 23 34.95
		June 23 a	Dec. 28 34.68

3S-19W-2abl. NW $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, John A. Banker. Depth, 60 ft. Lsd, 1,255. Terrace deposits. Highest, 27.43, Oct. 6, 1969; lowest, 30.97, July 20, 1970. Records: 1966-70.

Jan. 6 29.60	July 21 29.58	Jan. 22 28.62	July 20 30.97
Feb. 4 29.58	Sept. 3 29.49	Feb. 23 28.98	Aug. 25 29.30
Mar. 12 29.76	Oct. 6 27.43	Mar. 24 28.96	Sept. 23 29.45
Apr. 10 29.70	Nov. 12 29.16	Apr. 21 28.95	Oct. 22 29.29
May 9 29.79	Dec. 10 29.00	May 22 29.85	Nov. 23 29.28
June 19 29.63		June 23 28.80	Dec. 28 29.27

3S-19W-22bbb1. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Owner, Harold Grant. Depth, 48 ft. Lsd, 1,223. Terrace deposits. Well is equipped with water-level recorder. Highest, 23.81, Mar. 25, 1963; lowest, 45.68, Nov. 20, 1964. Records: 1953-70.

Jan. 6 28.56	July 21 28.74	Jan. 20 28.48	July 20 28.33
Feb. 4 28.59	Sept. 3 28.73	Feb. 23 28.45	Aug. 25 28.29
Mar. 12 28.60	Oct. 6 29.71	Mar. 24 28.39	Sept. 23 28.28
Apr. 10 28.65	Nov. 12 28.53	Apr. 21 28.41	Oct. 22 28.23
May 9 28.68	Dec. 10 28.49	May 22 28.39	Nov. 23 28.25
June 19 28.70		June 23 28.35	Dec. 28 28.22

TULSA COUNTY

1969

1970

20N-13E-32bbc. SW¼NW¼NW¼. Owner, Tulsa University. Depth 154 ft. Well equipped with water-level recorder. Highest, 10.41, Nov. 10, 1970; lowest, 13.24, Sept. 15, 1970. Records: 1970.

Day	Aug.
5	
10	11.64
15	12.08
20	12.29
25	12.58
eom	12.99

	Sept.
5	12.78
10	13.22
15	13.24
20	
25	13.03
eom	12.94

	Oct.
5	12.71
10	12.12
15	12.33
20	12.01
25	11.69
eom	11.77

	Nov.
5	11.48
10	10.41
15	10.76
20	10.43
25	11.60
eom	11.67

	Dec.
5	12.08
10	11.86
15	12.09
20	12.24
25	12.05
eom	11.85

WAGONER COUNTY

1969

1970

16N-18E-15ddcl. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$. Depth, 34 ft. Lad, 525.37. Alluvium. Well equipped with water-level recorder. Highest, 24.76, May 20, 1961; lowest, 30.46, Nov. 15, 20, 1970. Records: 1960-70.

Day	Jan.	July	Day	Jan.	July
5	30.22	29.57	5	30.22	29.76
10	30.26	29.53	10	30.21	29.81
15	30.23	29.51	15	30.22	29.84
20	30.21	29.58	20	30.25	29.87
25	30.28	29.63	25		29.90
eom	30.32	29.69	eom	30.28	29.93
	Feb.	Aug.		Feb.	Aug.
5	30.18	29.72	5	30.29	29.96
10	30.21		10	30.29	30.01
15	30.22	29.81	15	30.30	30.04
20	30.24	29.84	20	30.33	30.07
25	30.24	29.87	25	30.33	30.10
eom	30.27	29.91	eom	30.31	30.16
	Mar.	Sept.		Mar.	Sept.
5	30.21	29.94	5	30.33	30.18
10	30.26	29.98	10	30.33	30.22
15	30.26	30.00	15	30.34	30.24
20	30.27	30.04	20	30.36	30.26
25	30.44	30.06	25	30.33	30.28
eom	30.08	30.10	eom	30.34	30.29
	Apr.	Oct.		Apr.	Oct.
5	29.98	30.14	5	30.35	30.29
10	29.92	30.16	10	30.34	30.33
15	29.90	30.19	15	30.34	30.35
20	29.91	30.17	20	30.36	30.35
25	29.92	30.15	25	30.22	30.35
eom	29.90	30.13	eom	30.08	30.39
	May	Nov.		May	Nov.
5	29.90	30.14	5	29.87	30.40
10	29.92	30.15	10	29.71	30.42
15	29.93	30.16	15	29.58	30.46
20	29.96	30.17	20	29.52	30.46
25	29.97	30.18	25	29.53	30.38
eom	29.98	30.18	eom		30.42
	June	Dec.		June	Dec.
5	29.96	30.18	5		30.42
10	29.81	30.19	10	29.60	30.42
15	29.73	30.20	15	29.63	30.42
20	29.67	30.20	20	29.67	30.44
25	29.65	30.20	25	29.69	30.45
eom	29.62	30.21	eom	29.73	30.45

WAGONER COUNTY, continued

16N-18E-23bbal. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$. Depth, 42 ft. Lsd, 519. Alluvium. Well equipped with water-level recorder. Highest, 10.00, May 31, 1968; lowest, 35.25, Apr. 10, 1969. Records: 1960-70.

1969			1970		
Day	Jan.	July	Day	Jan.	July
5	34.13	31.94	5	30.34	26.28
10	34.20	32.05	10	30.07	26.31
15	34.27	32.03	15	30.63	26.41
20	34.38	31.81	20	30.08	26.51
25	34.41	31.96	25		26.52
eom	31.50	31.95	eom	30.12	26.60
	Feb.	Aug.		Feb.	Aug.
5	31.64	31.79	5	30.63	26.67
10		31.68	10	30.69	26.75
15		31.93	15	30.34	26.81
20		31.96	20	30.35	26.87
25		32.03	25	30.23	26.89
eom	32.93	31.70	eom	30.09	26.98
	Mar.	Sept.		Mar.	Sept.
5	32.82	31.98	5	30.02	26.90
10	32.81	31.93	10	30.00	27.02
15	33.01	31.98	15	29.91	26.92
20	32.22	31.86	30	29.86	27.04
25	33.48	32.15	25	29.79	27.05
eom	34.90	31.74	eom	29.68	26.85
	Apr.	Oct.		Apr.	Oct.
5	35.24	31.70	5	29.56	26.86
10	35.25	31.75	10	29.58	
15	34.97	31.32	15	29.59	
20	34.85	31.32	20	29.22	
25	32.81	30.96	25	27.99	
eom	32.73	31.01	eom	27.58	
	May	Nov.		May	Nov.
5	32.83	31.11	5	27.24	
10	32.58	31.03	10	26.91	
15	32.86	31.80	15	26.87	
20	32.71	31.00	20	26.73	
25	32.11	31.01	25	26.71	
eom	31.96	30.88	eom	26.70	26.52
	June	Dec.		June	Dec.
5	32.14	30.71	5	26.27	26.73
10	32.27	30.64	10	26.01	26.69
15	31.90	30.55	15	26.05	26.56
20	32.16	30.39	20	26.16	26.66
25	32.02	30.42	25	26.13	25.28
eom	32.08	30.36	eom	26.24	23.90

WAGONER COUNTY, continued

1969			1970		
17N-17E-18aabl. NW1/4NE1/4. Depth, 42 ft. Alluvium. Well equipped with water-level recorder. Highest, 12.74, Apr. 30, 1969; lowest, 25.38, Dec. 15, 1967. Records: 1963-70.					
Day	Jan.	July	Day	Jan.	July
5		15.41	5	23.73	
10		16.12	10	23.53	19.25
15		16.92	15	23.32	19.91
20		17.55	20		20.49
25		18.09	25		20.86
eom	19.70	18.91	eom	23.23	21.20
	Feb.	Aug.		Feb.	Aug.
5	18.34	19.40	5	23.27	21.74
10	18.49		10	23.20	22.10
15	18.57	20.40	15		22.56
20	18.41	20.74	20	18.71	22.79
25	16.55	21.11	25		23.09
eom	16.39	21.60	eom		23.46
	Mar.	Sept.		Mar.	Sept.
5	16.54	21.85	5		23.41
10	16.85	22.31	10		23.94
15	16.85	22.26	15		23.83
20	16.99	22.66	20		23.83
25	14.18	22.74	25	23.04	24.16
eom	14.57	22.92	eom	23.08	24.11
	Apr.	Oct.		Apr.	Oct.
5	14.82	23.27	5	23.19	24.08
10	15.15	22.99	10	23.05	23.33
15	15.23	23.14	15	22.93	23.61
20	14.04	23.24	20	22.92	23.32
25	13.72	23.57	25	22.87	21.56
eom	12.74	23.25	eom	22.63	21.78
	May	Nov.		May	Nov.
5	12.88	23.30	5	19.85	21.84
10	13.65	23.36	10	19.97	21.76
15	14.04	23.37	15	20.77	21.97
20	14.55	23.68	20	20.67	23.27
25	16.54	23.73	25	20.74	23.62
eom	14.95	23.61	eom	19.66	24.18
	June	Dec.		June	Dec.
5	14.17	23.37	5	17.67	24.50
10	14.52	23.43	10	16.39	24.14
15	15.47	23.66	15	15.52	24.16
20	15.75	23.50	20	16.71	24.29
25	14.02	23.54	25	18.84	24.34
eom	14.99	23.59	eom		24.18

WAGONER COUNTY, continued

1969					1970						
<u>19N-16E-9ccc1.</u> SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$. Depth, 41 ft. Lsd, 546. Alluvium. Highest, 1.85, Apr. 24, 1969; lowest, 20.23, Mar. 27, 1967. Records: 1963-70.											
Jan.	2	9.34	July	14	4.96	Jan.	30	13.66	July	29	6.91
Jan.	27	9.88	Aug.	12	7.68	Feb.	18	13.72	Aug.	27	9.42
Feb.	26	4.16	Sept.	8	9.62	Mar.	25	13.83	Sept.	21	10.53
Apr.	1	1.97	Sept.	30	10.69	Apr.	13	14.42	Oct.	7	8.85
Apr.	24	1.85	Oct.	28	11.55	May	12	4.99	Nov.	5	6.50
May	20	3.60	Nov.	24	12.50	June	8	2.10	Nov.	30	8.37
June	25	2.89	Dec.	23	13.00	July	6	4.42	Dec.	29	9.89

WASHITA COUNTY

1969			1970		
10N-19W-11d aal. NE1/4NE1/4SE1/4. Owner, U.S. Geol. Survey. Depth, 220 ft. Elk City Member, Quartermaster Formation. Well is equipped with water-level recorder. Highest, 17.27, Nov. 30, 1961; lowest, 25.17, Mar. 31, 1968. Records: 1961-70.					
Day	Jan.	July	Day	Jan.	July
5	23.95	22.77	5		23.75
10	24.14	22.82	10		23.93
15	23.99	22.86	15		23.94
20	23.97	22.93	20	23.05	23.89
25	24.34	22.96	25	23.10	23.80
eom	24.29	23.01	eom	23.09	23.84
	Feb.	Aug.		Feb.	Aug.
5	24.23	22.95	5	23.30	23.89
10		22.97	10	23.07	23.87
15		23.04	15	23.27	23.98
20	h24.37	23.21	20	23.44	23.96
25	24.38	23.15	25	23.33	23.86
eom		22.99	eom	23.07	23.85
	Mar.	Sept.		Mar.	Sept.
5		22.85	5	23.23	
10		22.78	10	23.27	23.92
15	h24.42	22.64	15	23.25	23.76
20	24.67	22.60	20	23.40	23.61
25	24.65	22.60	25	23.43	23.88
eom	24.37	22.52	eom	23.28	23.60
	Apr.	Oct.		Apr.	Oct.
5	24.41	22.85	5	23.30	23.47
10	24.38	22.47	10	23.25	23.55
15	24.12	22.64	15	23.20	23.80
20	h24.19	22.62	20	23.26	23.51
25	23.98	22.56	25	23.08	23.52
eom	23.99	22.51	eom	23.35	23.59
	May	Nov.		May	Nov.
5	23.97	22.47	5	23.25	23.78
10	23.93	22.49	10	23.23	23.94
15	23.76	22.50	15	23.43	h23.72
20	23.65	22.70	20	23.38	
25	23.42	22.78	25	23.33	
eom	23.38	22.69	eom	23.30	
	June	Dec.		June	Dec.
5	23.13	22.59	5	23.25	
10	22.93	22.83	10	23.31	
15	22.98	22.85	15	23.53	23.70
20	22.92	22.82	20	23.71	23.94
25			25	23.74	24.07
eom	22.92		eom	23.95	23.92

WOODWARD COUNTY

1969

1970

20N-18W-28add. SE½SE½NE½. Depth, 55 ft. Rush Springs Sandstone. Highest, 23.13, May 27, 1970; lowest, 24.89, Dec. 23, 1970. Records: 1968-70.

Jan.	25	24.42	Sept.	29	23.65	Jan.	27	24.02	Aug.	28	23.31
Feb.	17	24.45	Oct.	30	23.17	Feb.	26	24.24	Sept.	25	24.49
Mar.	20	24.75	Nov.	18	23.74	Mar.	27	24.40	Oct.	30	24.57
Apr.	18	24.40	Dec.	19	23.99	Apr.	28	23.64	Nov.	25	24.51
May	26	24.64				May	27	23.13	Dec.	23	24.89
June	26	24.69				June	29	23.40			

20N-20W-36bbb1. NW¼NW¼NW¼. Owner, school land. Depth, 42 ft. Lad, 2,061. Rush Springs Sandstone. Highest, 33.05, July 21, 1960; lowest, 38.97, June 6, 1957. Records: 1955-63; 1965-70.

Jan.	25	36.61	Sept.	29	35.55	Jan.	27	35.78	Aug.	29	35.45
Feb.	17	36.52	Oct.	30	35.79	Feb.	26	37.30	Sept.	25	36.13
Mar.	20	36.41	Nov.	18	35.84	Mar.	27	35.90	Oct.	30	36.11
Apr.	14	36.32	Dec.	19	35.49	Apr.	28	35.63	Nov.	25	36.18
May	26	35.91				May	27	35.51	Dec.	23	36.26
June	26	35.57				June	29	35.47			

21N-22W-23bbb1. NW¼NW¼NW¼. Owner, U.S. Geol. Survey. Depth, 322 ft. Lad, 2,335. Ogallala Formation. Highest, 27.32, July 5, 1961; lowest, 32.21, Dec. 23, 1970. Records: 1957-63; 1965-70.

Jan.	25	31.40	Sept.	29	31.49	Jan.	27	31.32	Aug.	28	31.82
Feb.	18	31.71	Oct.	30	31.29	Feb.	26	31.46	Sept.	25	31.95
Mar.	20	31.65	Nov.	18	31.46	Mar.	27	31.63	Oct.	30	31.99
Apr.	18	31.54	Dec.	19	31.43	Apr.	28	31.62	Nov.	25	31.85
May	26	31.41				May	27	31.76	Dec.	23	32.21
June	26	31.57				June	29	31.87			

23N-19W-33ddb1. NW½SE½SE½. Owner, Emma Barton. Depth, 30 ft. Lad, 1,861. Terrace deposits. Highest, 1.39, Mar. 31, 1960; lowest, 9.17, Aug. 28, 1970. Records: 1955; 1957-63; 1965-70.

Jan.	25	6.91	June	26	5.39	Jan.	27	6.44	Aug.	1	8.24
Feb.	17	6.74	July	24	7.06	Feb.	26	6.46	Aug.	28	9.17
Mar.	20	5.85	Sept.	29	7.26	Mar.	27	6.28	Sept.	25	8.68
Apr.	18	5.00	Oct.	30	6.83	Apr.	28	5.69	Oct.	28	8.18
May	13	5.00	Nov.	18	6.78	May	27	6.57	Nov.	25	7.95
May	26	5.02	Dec.	19	6.62	June	29	7.90	Dec.	23	7.80

WOODWARD COUNTY, continued

1969					1970						
<u>23N-20W-19cbb1.</u> NW¼NW¼SW¼. Owner, William and Grace Erts. Depth, 26 ft. Lsd, 1,875. Alluvium. Highest, 1.02, July 1, 1957; lowest, 6.94, Oct. 9, 1956. Records: 1945-63; 1965-70.											
Jan.	25	4.61	Sept.	29	5.40	Jan.	27	5.12	Aug.	28	4.79
Feb.	18	4.59	Oct.	30	5.28	Feb.	26	5.06	Sept.	25	6.09
Mar.	20	4.43	Nov.	18	5.34	Mar.	27	5.04	Oct.	30	5.97
Apr.	18	4.03	Dec.	19	5.31	Apr.	28	4.08	Nov.	25	5.58
May	26	3.57				May	27	4.49	Dec.	23	5.84
June	26	3.87				June	29	4.81			

24N-18W-17ccc1. SW¼SW¼SW¼. Owner, T. I. Caldwell. Depth, 33 ft. Lsd, 2,095. Terrace deposits. Highest, 25.87, Nov. 17, 1966; lowest, 29.16, Sept. 27, 1968. Records: 1957; 1966-70.

Jan.	25	28.47	Sept.	29	27.37	Jan.	27	27.42	Sept.	25	26.04
Feb.	17	27.96	Oct.	30	29.09	Feb.	26	27.34	Oct.	30	26.53
Mar.	20	28.65	Nov.	18	27.21	Apr.	28	27.05	Nov.	25	26.92
Apr.	18	28.62	Dec.	19	27.14	May	27	27.12	Dec.	23	27.07
May	26	27.91				June	29	26.40			
June	26	27.89				Aug.	28	26.65			

24N-20W-33dccc1. SW¼SW¼SE¼. Owner, U.S. Geol. Survey. Depth, 52 ft. Lsd, 2,037. Terrace deposits. Highest, 46.09, Apr. 27, 1962; lowest, 50.13, Dec. 23, 1970. Records: 1957-63; 1965-70.

Jan.	25	49.21	Sept.	29	49.74	Jan.	27	49.99	Aug.	28	49.68
Feb.	17	49.44	Oct.	30	49.19	Feb.	26	49.86	Sept.	25	49.32
Mar.	20	49.34	Nov.	18	49.60	Apr.	28	49.70	Oct.	30	50.10
Apr.	18	49.38	Dec.	19	49.68	May	27	49.85	Nov.	25	50.10
May	26	49.45				June	29	49.65	Dec.	23	50.13

25N-19W-18cccd1. SE¼SW¼SW¼. Depth, 75 ft. Rush Springs Sandstone. Highest, +2.39, Apr. 18, 1969; lowest, 3.64, June 29, 1970. Records: 1967-70.

Jan.	25	+2.18	June	26	+0.22	Jan.	27	1.98	Aug.	28	3.58
Feb.	17	+1.42	Sept.	29	2.66	Feb.	26	.57	Sept.	25	2.19
Mar.	20	+2.14	Nov.	18	2.98	Apr.	28	2.72	Oct.	30	1.37
Apr.	18	+2.39				May	21	3.62	Nov.	25	2.01
May	26	+1.04				June	29	3.64	Dec.	23	1.24

WOODWARD COUNTY, continued

1969

1970

26N-19W 24accl. SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$. Owner, G. Brunham. Depth, 79 ft. Blaine Gypsum.
Highest, 43.91, Jan. 27, 1970; lowest, 53.00, Sept. 20, 1955. Records: 1955;
1966-70.

Jan.	25	45.92	June	26	44.52	Jan.	27	43.91	Aug.	28	44.97
Feb.	17	45.84	Sept.	29	44.24	Feb.	26	44.02	Sept.	24	45.20
Mar.	20	44.62	Oct.	30	44.11	Apr.	28	44.25	Oct.	30	45.43
Apr.	18	44.46	Nov.	18	44.08	May	27	44.42	Nov.	25	45.50
May	26	44.63	Dec.	19	44.04	June	29	43.95	Dec.	23	45.71

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Figure 2.--Index map showing location of observation wells in Oklahoma, 1969-70.