

**Ground-Water Levels In
Observation Wells
In Kansas, 1956**

By

V. C. FISHEL and BETTY J. MASON

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BULLETIN 125

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TION WELLS IN KANSAS, 1956

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Prepared by the United States Geological Survey and the State Geological Survey of Kansas, with the cooperation of the Division of Water Resources of the Kansas State Board of Agriculture, the Division of Sanitation of the Kansas State Board of Health, and the City of Wichita, and integrated with the program of the Interior Department for development of the Missouri River Basin.



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GROUND-WATER LEVELS IN OBSERVATION WELLS IN KANSAS, 1956

BY V. C. FISHEL AND BETTY J. MASON

ABSTRACT

Measurements of water levels in 767 wells in 74 counties in Kansas made in 1956 are given in this report, which is the first in a proposed series of water-level reports. Records for previous years for part of the wells have been published in an annual series of Water-Supply Papers by the United States Geological Survey; records for wells that are in the Missouri Basin have been issued as an annual series of mimeographed reports for the years 1947 through 1955; and records for some wells have been included in both reports.

Precipitation in Kansas was considerably below normal in 1956. According to the United States Weather Bureau, stations in 44 of the 105 counties of the state received the least annual precipitation of record. Six of the nine Weather Bureau climatic sections of the state received the least annual precipitation in 70 years.

The water levels in most wells in Kansas declined during 1956 as a result of the drought. Where the wells are in areas of pumping for irrigation and municipal use, the water levels also declined depending on the amount of pumpage. Changes of the water levels are shown by hydrographs of 21 wells and by other figures and tables.

INTRODUCTION

The first measurements of ground-water levels in Kansas were made by E. S. Nettleton in 1890 (1892). Nettleton made a study of the artesian pressure and underflow of ground water in several western states, including Kansas. Records were collected on several hundred wells.

Later measurements of the depth to water level are not available for the same wells, but they are available for nearby wells from which it is possible to approximate the change in water level since 1890. Seven wells reported by Nettleton in western Kansas are near some wells observed about 1940 as a part of the cooperative ground-water program in Kansas. The measurements for these wells are given in Table 1.

TABLE 1.—Depth to water level in wells measured by Nettleton in 1890 and measurements in nearby wells since 1940 and published in Kansas Geological Survey bulletins.

Nettleton Well	County	Location	Depth to water level in 1890, feet	K.G.S. Bull.	Depth about 1940, feet
124	Stafford	SW $\frac{1}{4}$ sec. 33, T. 23 S., R. 13 W.	16	88	20
133	Barton	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 16, T. 20 S., R. 13 W.	21	88	18
137	Barton	SE $\frac{1}{4}$ sec. 8, T. 18 S., R. 13 W.	15	88	15
160	Ford	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 29 S., R. 25 W.	120	43	125
181	Finney	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, T. 22 S., R. 33 W.	30	55	25
184	Scott	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, T. 20 S., R. 33 W.	28	66	31
185	Scott	SE $\frac{1}{4}$ sec. 25, T. 19 S., R. 33 W.	28	66	39

The water levels averaged approximately 2 feet higher in 1890 than in 1940. The water levels were at a low stage in 1940 because of the drought from 1934 to 1939. Based on the records from other wells, water levels in 1890 were lower than in 1951, but a little higher than at the end of 1956.

During the years 1910 to about 1920, George S. Knapp of the Kansas State Board of Agriculture made measurements of the depth to water level in many wells in southwestern Kansas including the irrigation well at the Garden City Experiment Station and several in Scott County that have been remeasured in recent years. The water-level measurements of the wells in Scott County were reported by Waite (1947, p. 140-152). The irrigation well at the experiment station northeast of Garden City is well 168 in Kansas Geological Survey Bulletin 55 (Latta, 1944, p. 64 and Table 20) and Finney County well 26 in the annual series of the United States Geological Survey water-level reports. The well obtains its water from the Ogallala formation and Pleistocene deposits. It is 24 inches in diameter and 180 feet deep. When measured by Knapp in 1914, the depth to water was 71 feet. At the end of 1954 the depth was 71.15 feet, on January 19, 1956, the depth was 70.52 feet, on May 2, 1956, it was 73.66 feet, and on November 6, 1956, it was 76.00 feet. The level on January 19, 1956, was slightly higher than in 1914. The highest water level recorded from 1914 to 1956 was 61.59 feet on October 21, 1949. The lowest level was 76.00 feet on November 6, 1956.

An observation-well program was started in Jewell County in 1934 by the U. S. Geological Survey in cooperation with the Soil

Conservation Service (Meinzer and Wenzel, 1937, p. 62). A program was started in the Equus beds area in south-central Kansas in 1937 (Meinzer and Wenzel, 1938, p. 101). Beginning in 1937 this program has been carried on cooperatively by the U. S. Geological Survey, the State Geological Survey of Kansas, the Division of Water Resources of the State Board of Agriculture, and the Division of Sanitation of the State Board of Health. The City of Wichita has cooperated in the Equus beds area in Harvey, McPherson, and Sedgwick Counties. Many counties have been added to this program since 1937.

In 1946 an observation-well program was started in some valley areas as a part of the program of the Department of the Interior for the development of the Missouri Basin. The areas included in the Missouri Basin program are given in Table 2.

TABLE 2.—Valley areas included in the Missouri Basin program.

Unit	Valley	Counties	Number of wells being measured at end of 1956
Almena	Prairie Dog Creek	Norton and Phillips	18
Bostwick	Republican River	Jewell, Republic, and Cloud	189
Cedar Bluff	Smoky Hill River	Ellis and Trego	20
Glen Elder	Solomon River	Mitchell	7
Kanopolis	Smoky Hill River	Saline, McPherson, and Ellsworth	47
Kirwin	North Fork Solomon River	Smith, Phillips, and Osborne	24
Webster	South Fork Solomon River	Osborne	6
Wilson	Saline River	Lincoln	8
St. Francis	South Fork Republican River	Cheyenne	21
	Total		340

PREVIOUS RECORDS

In 1935 the U. S. Geological Survey began publication of a series of water-level reports that were published annually as Water-Supply Papers, and most measurements of the water levels in observation wells in Kansas have been published in the series of annual Water-Supply Papers. Beginning with 1956 the records of a selected network of observation wells will be published at 5-year intervals. The Water-Supply Papers in which measurements of observation wells in Kansas have been published are given in Table 3.

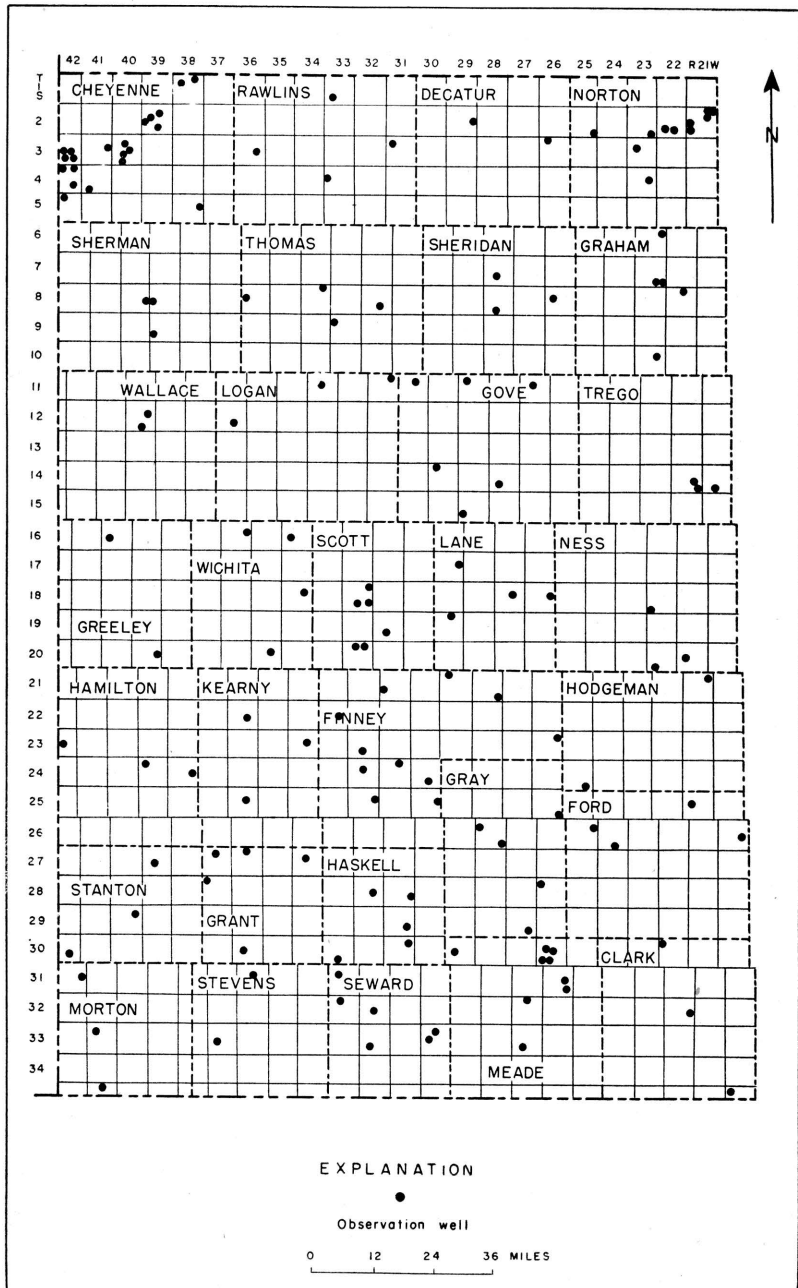


FIG. 1.—Location of observation wells in western Kansas, 1956.

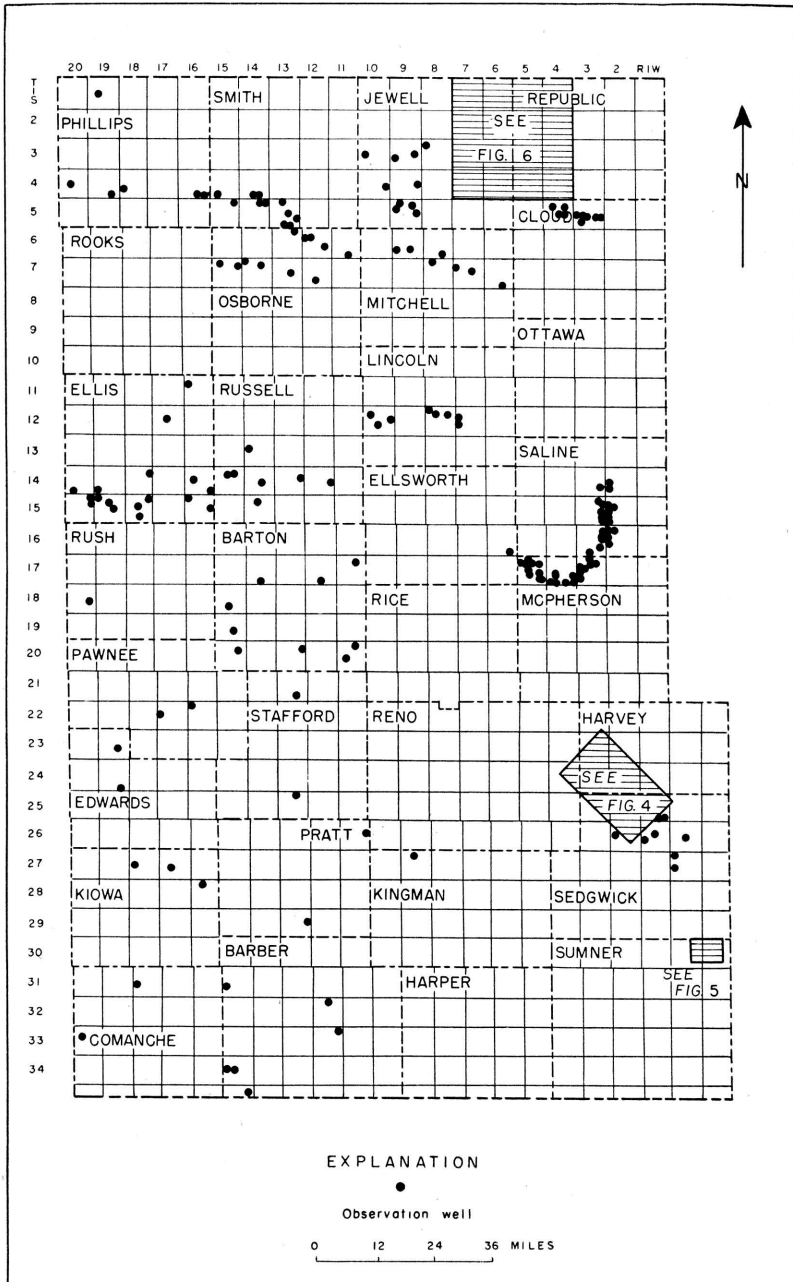


Fig. 2.—Location of observation wells in central Kansas, 1956.

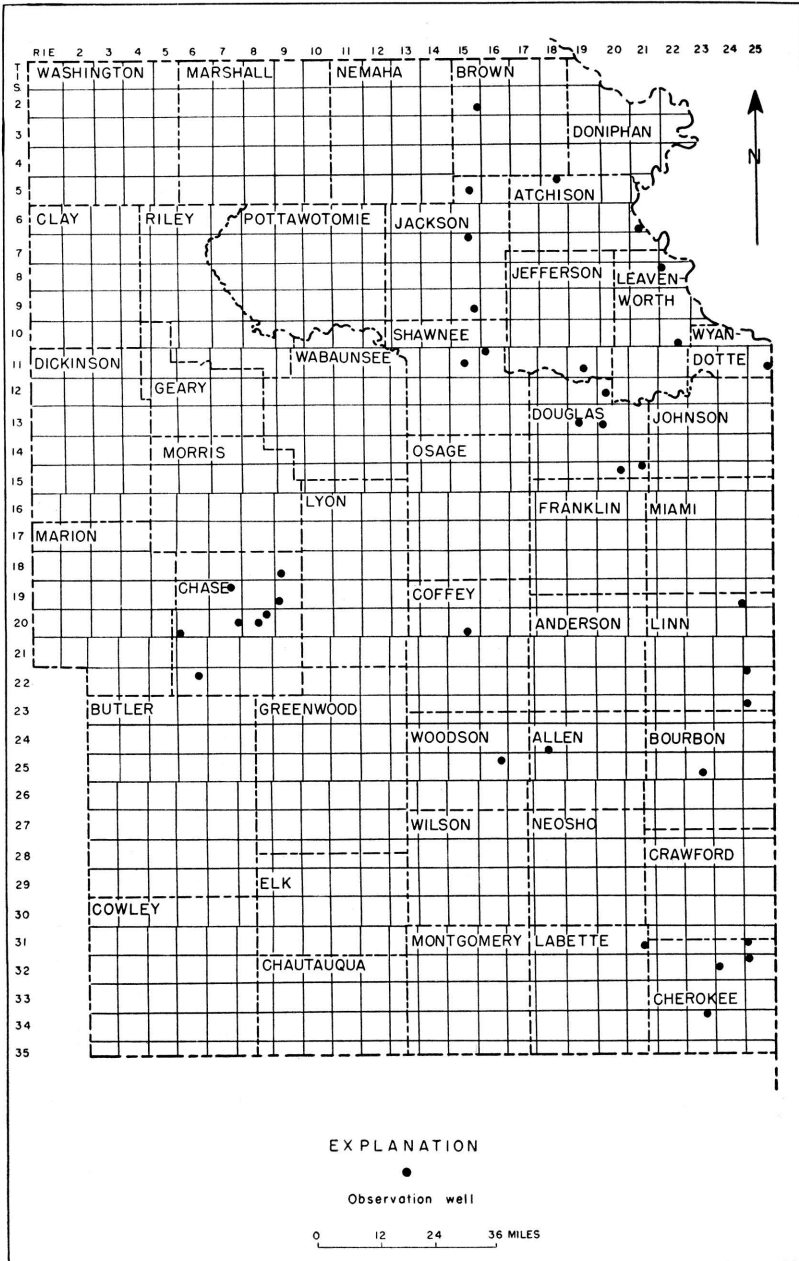


FIG. 3.—Location of observation wells in eastern Kansas, 1956.

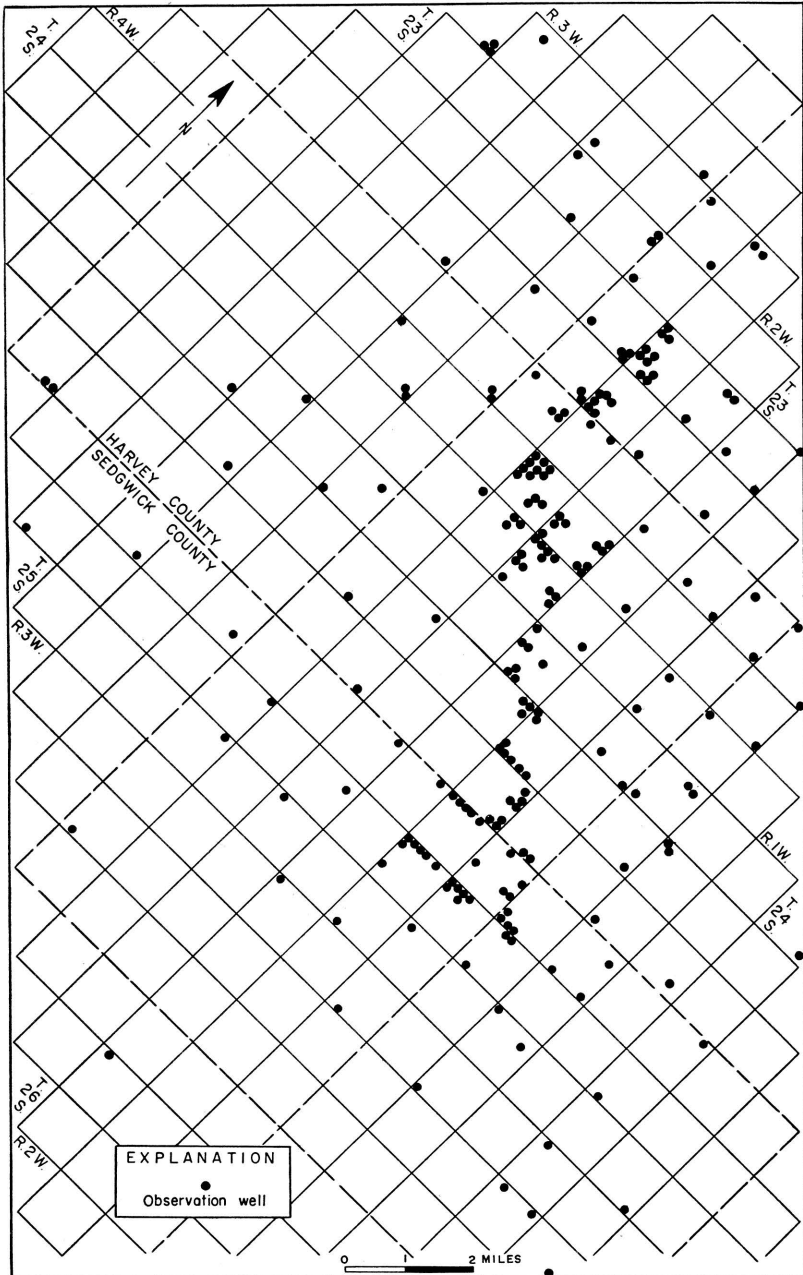


FIG. 4.—Location of observation wells in the Equus beds area, Harvey and Sedgwick Counties, 1956.

TABLE 3.—*U. S. Geological Survey Water-Supply Papers in which water-level measurements of observation wells in Kansas have been published.*

Year	Water-Supply Paper	Year	Water-Supply Paper
1935	777	1946	1073
1936	817	1947	1098
1937	840	1948	1128
1938	845	1949	1158
1939	886	1950	1167
1940	908	1951	1193
1941	938	1952	1223
1942	946	1953	1267
1943	988	1954	1323
1944	1018	1955	1406
1945	1025		

TABLE 4.—*Summary of the Kansas observation-well program during 1956.*

County	Number of wells		Observer ^a
	Missouri Basin	Arkansas Basin	
Allen	..	1	GS
Atchison	2	..	GS
Barber	..	6	KSBA
Barton	..	9	KSBA
Bourbon	1	..	GS
Brown	1	..	GS
Chase	..	8	GS
Cherokee	..	4	GS
Cheyenne	21	..	BR and KSBA
Clark	..	3	KSBA
Cloud	10	..	BR
Coffey	..	1	GS
Comanche	..	2	KSBA
Decatur	2	..	KSBA
Douglas	5	..	GS
Edwards	..	2	KSBA
Ellis	17	..	GS and KSBA
Ellsworth	1	..	GS
Finney	..	11	KSBA
Ford	..	4	KSBA
Gove	..	6	KSBA
Graham	5	..	KSBA
Grant	..	5	KSBA
Gray	..	5	KSBA
Greeley	1	1	KSBA
Hamilton	..	3	KSBA
Harvey	..	155	W
Haskell	..	5	KSBA
Hodgeman	..	2	KSBA
Jackson	3	..	GS

County	Number of wells		Observer ^a
	Missouri Basin	Arkansas Basin	
Jefferson	1	..	GS
Jewell	67	..	BR and GS
Kearny	..	3	KSBA
Kingman	..	1	KSBA
Kiowa	..	3	KSBA
Labette	..	1	GS
Lane	..	4	KSBA
Leavenworth	2	..	GS
Lincoln	8	..	GS
Linn	3	..	GS
Logan	3	..	KSBA
McPherson	24	..	GS
Meade	9	..	KSBA
Mitchell	7	..	GS
Morton	..	3	KSBA
Ness	..	3	KSBA
Norton	11	..	GS and KSBA
Osborne	11	..	GS
Pawnee	..	2	KSBA
Phillips	7	..	GS
Pratt	..	2	KSBA
Rawlins	4	..	KSBA
Republic	112	..	BR
Rush	..	1	KSBA
Russell	7	..	KSBA
Saline	22	..	GS
Scott	..	6	KSBA
Sedgwick	..	67	W
Seward	..	6	KSBA
Shawnee	2	..	KSBA and GS
Sheridan	3	..	KSBA
Sherman	3	..	KSBA
Smith	12	..	GS
Stafford	..	2	KSBA
Stanton	..	3	KSBA
Stevens	..	2	KSBA
Sumner	..	23	GS
Thomas	4	..	KSBA
Trego	3	..	GS and BR
Wallace	..	2	KSBA
Wichita	2	2	KSBA
Woodson	..	1	GS
Wyandotte	1	..	GS
Total	397	370	

^a GS, Federal and State Geological Surveys; KSBA, Guy Vincent and H. C. Corrigan, Division of Water Resources, Kansas State Board of Agriculture; BR, Bureau of Reclamation; W, S. A. Smith, City of Wichita.

The water-level records of 65 of the wells in the Missouri Basin units have been published in the annual series of Water-Supply Papers. The records of these 65 wells and all other wells in the Missouri Basin units have been reproduced annually in a series of mimeographed reports from 1947 through 1955.

In this report the observation wells of the Missouri Basin units and the cooperative ground-water program are differentiated by letters in parentheses following the well number. The letters (MB) following the well number indicate that the well is a Missouri Basin well and that previous records, if any, were released annually in the mimeographed series of reports. The letter (C) indicates that the well is observed as a part of the cooperative ground-water program and previous records, if any, have been published in the annual series of Water-Supply Papers. The letters (MB C) indicate that the well is a Missouri Basin well and that previous records have been published in the annual series of Water-Supply Papers and also were included in the annual mimeographed reports.

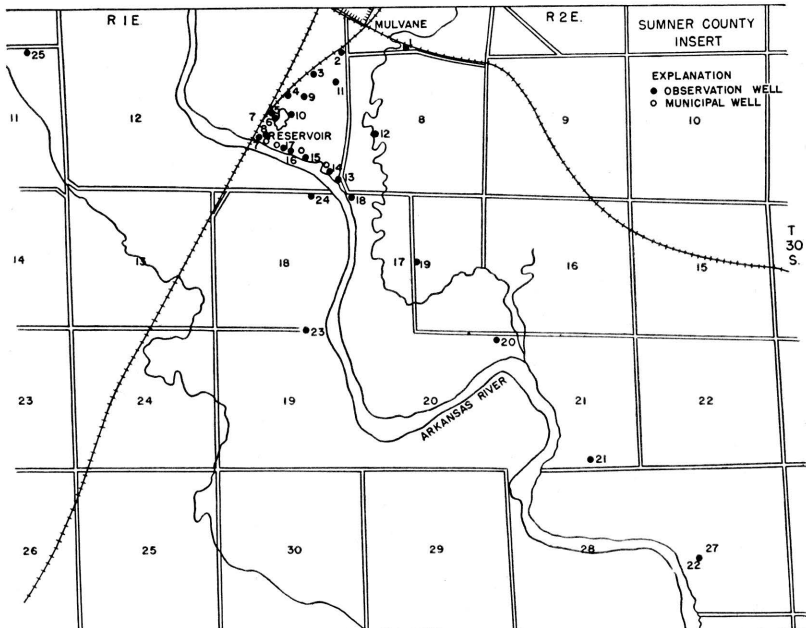


FIG. 5.—Location of observation wells in the Augusta—El Dorado well-field area near Mulvane, Sumner County, 1956.

SCOPE OF PROGRAM

By the end of 1956 the observation-well program in Kansas had been expanded to include 74 counties and 767 wells. Eleven wells were equipped with continuous water-level recorders; some wells were observed weekly, some monthly, some quarterly, and some annually. The distribution of the wells by counties is given in Table 4 and is shown in Figures 1 to 6 inclusive. In three areas the wells are too closely spaced to show on the areal map in Figure 2 and, hence, these areas are shown enlarged in Figures 4, 5, and 6.

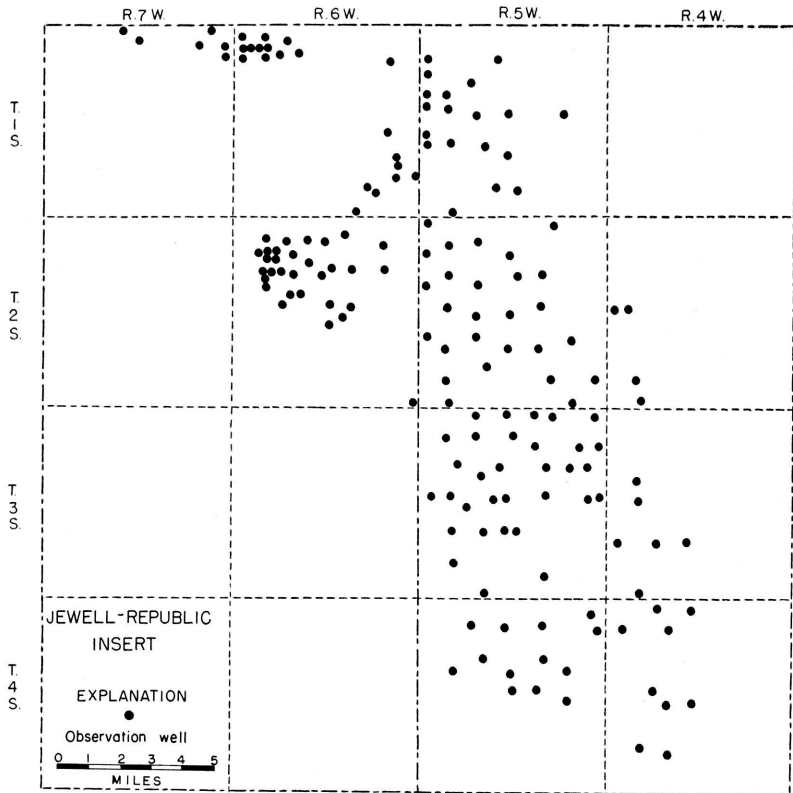


FIG. 6.—Location of observation wells in the Bostwick Unit in Jewell, Republic, and Cloud Counties, 1956.

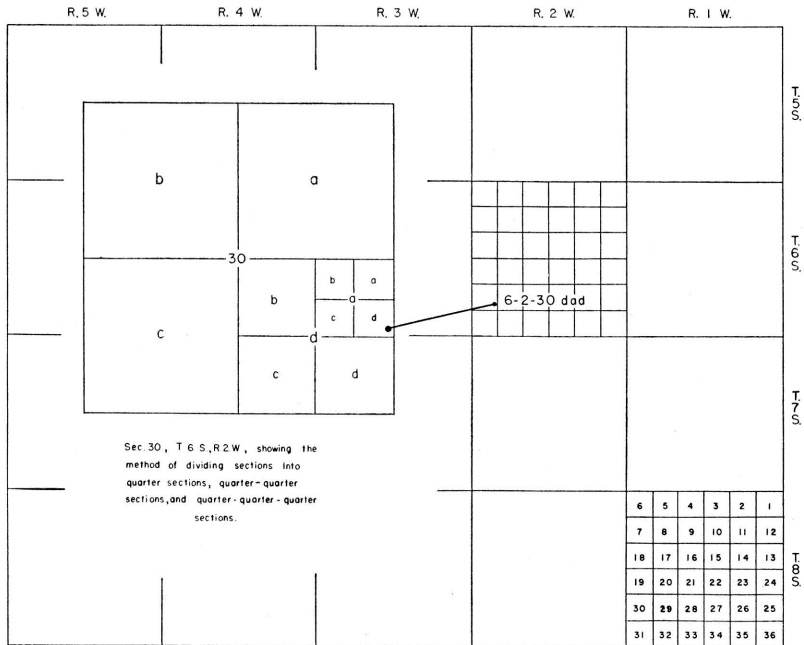


FIG. 7.—Map of Cloud County illustrating well-numbering system used in this report.

WELL-NUMBERING SYSTEMS

Wells are either numbered serially within counties or given a location number in accordance with the Bureau of Land Management system of land subdivision. In the location system the first digit of a well number indicates the township, the second the range, and the third the section in which the well is situated. The first letter denotes the 160-acre tract, the second the 40-acre tract, and the third the 10-acre tract. Thus, in Cloud County, the number 6-2-30dad indicates that the well is in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 6 S., R. 2 W. (Fig. 7).

PRECIPITATION

In 1956, according to the U. S. Weather Bureau, stations in 44 of the 105 counties of the state received the least annual precipitation of record. Six of the nine Weather Bureau climatic sections of the state received the least annual precipitation in 70 years.

During January there was considerable snow over much of the state. February precipitation exceeded the long-term means at a few northern stations, but was less than half the long-term means over the southern third of the state. March and April were months of low rainfall over most of the state, but about three inches was recorded at Lawrence in April. For many stations, May was the driest in 14 years and one of the driest of record. During June some heavy rains fell locally but only scanty rain fell in the west-central and northwest sections. Many areas received substantial showers in July; others continued to suffer drought conditions. August and September were hot, dry, and windy. The first part of October was dry, and the first appreciable rain in two months fell on October 14. The drought continued during November in much of the state, but local areas received some heavy rains. Rainfall in December was deficient throughout the state.

The precipitation in Kansas for 1956 is summarized in Figures 8, 9, and 10. Figure 8 shows the monthly precipitation and normal precipitation at Goodland in western Kansas, at Concordia in central Kansas, and at Lawrence in eastern Kansas. Figure 9 shows by contours the precipitation during 1956 and the deficiency of precipitation during 1956 for 14 Weather Bureau stations. Figure 10 shows the annual precipitation and the cumulative departure from normal precipitation at Goodland, Concordia, and Lawrence.

CHANGES IN WATER LEVELS

The water table in Kansas is not a stationary surface, but a surface that fluctuates up and down much like the water level in a lake or reservoir. However, over a long period of time a condition of approximate equilibrium exists between the amount of water that is added annually to ground-water storage and the amount that is discharged annually by natural means. In general, the water table rises when the amount of recharge exceeds the amount of discharge and declines when the discharge exceeds the recharge. Thus, changes in the water levels in wells indicate to what extent the ground-water reservoir is being depleted or replenished.

The relation between the amount of precipitation and the level

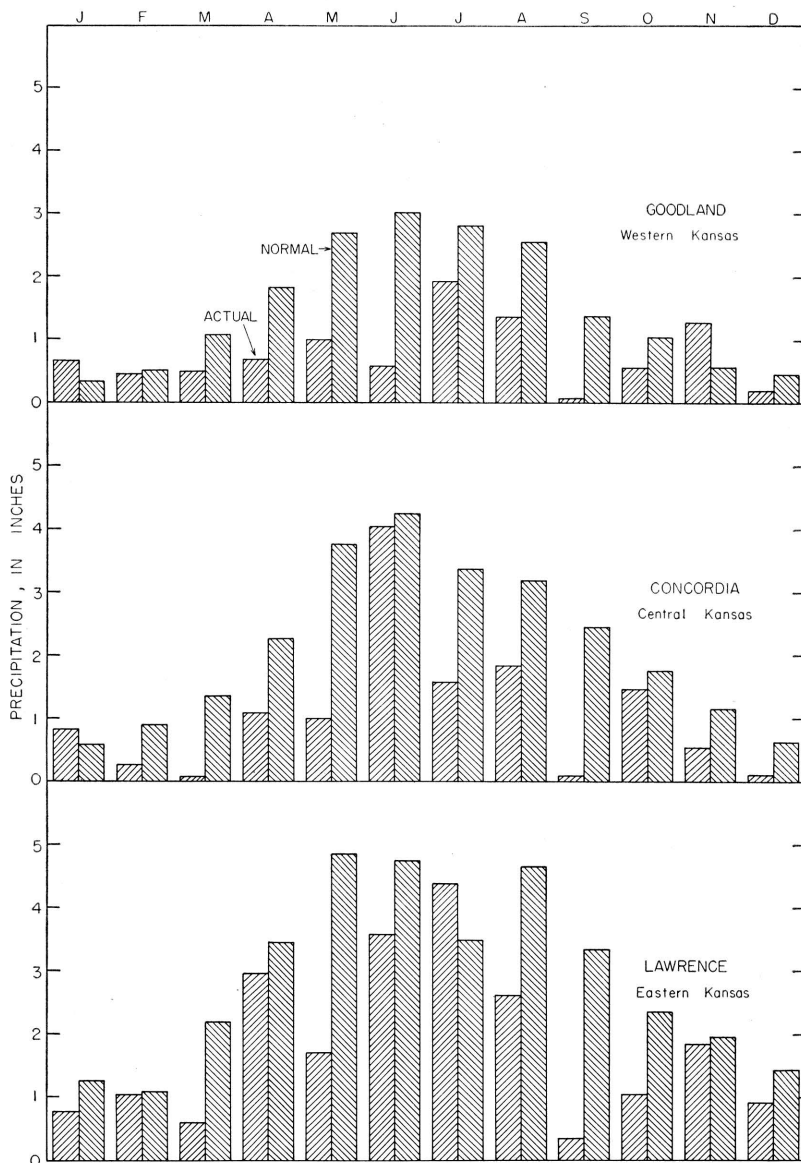


FIG. 8.—Monthly precipitation during 1956 and the normal monthly precipitation at Goodland, Concordia, and Lawrence, recorded by the U.S. Weather Bureau.

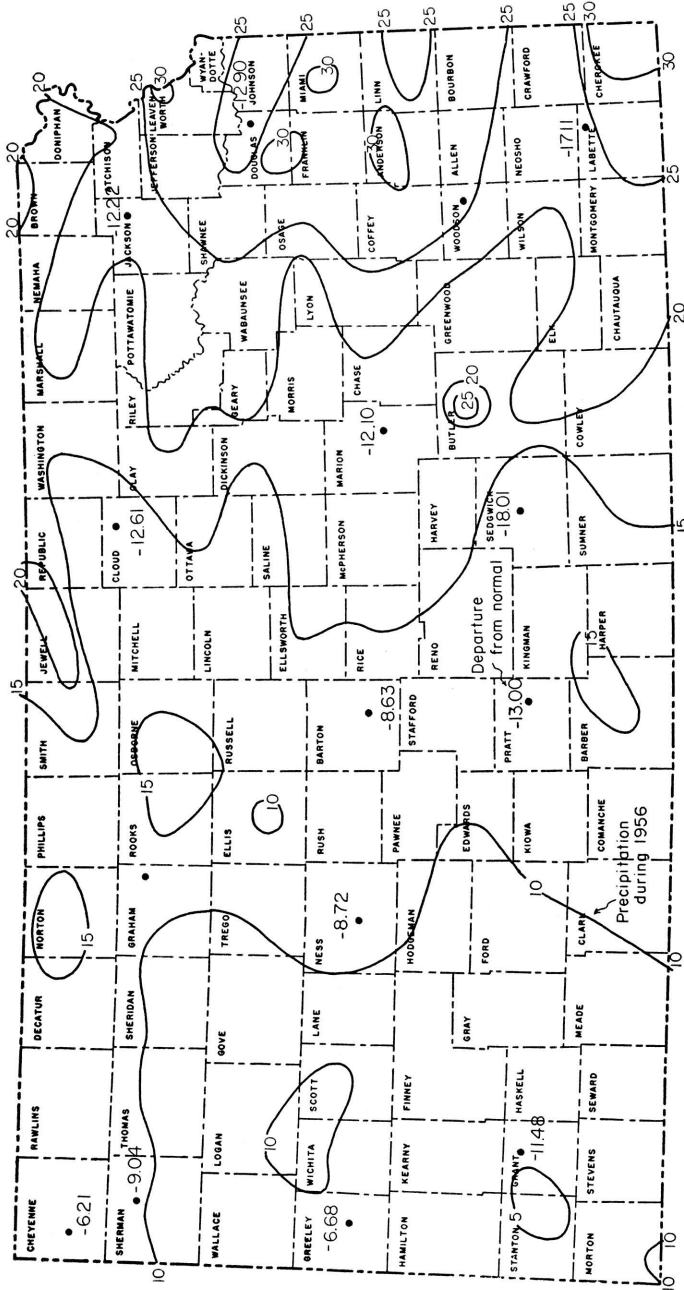


FIG. 9.—Map of Kansas showing the 1956 precipitation by means of contours and the departure from normal precipitation at selected Weather Bureau stations.

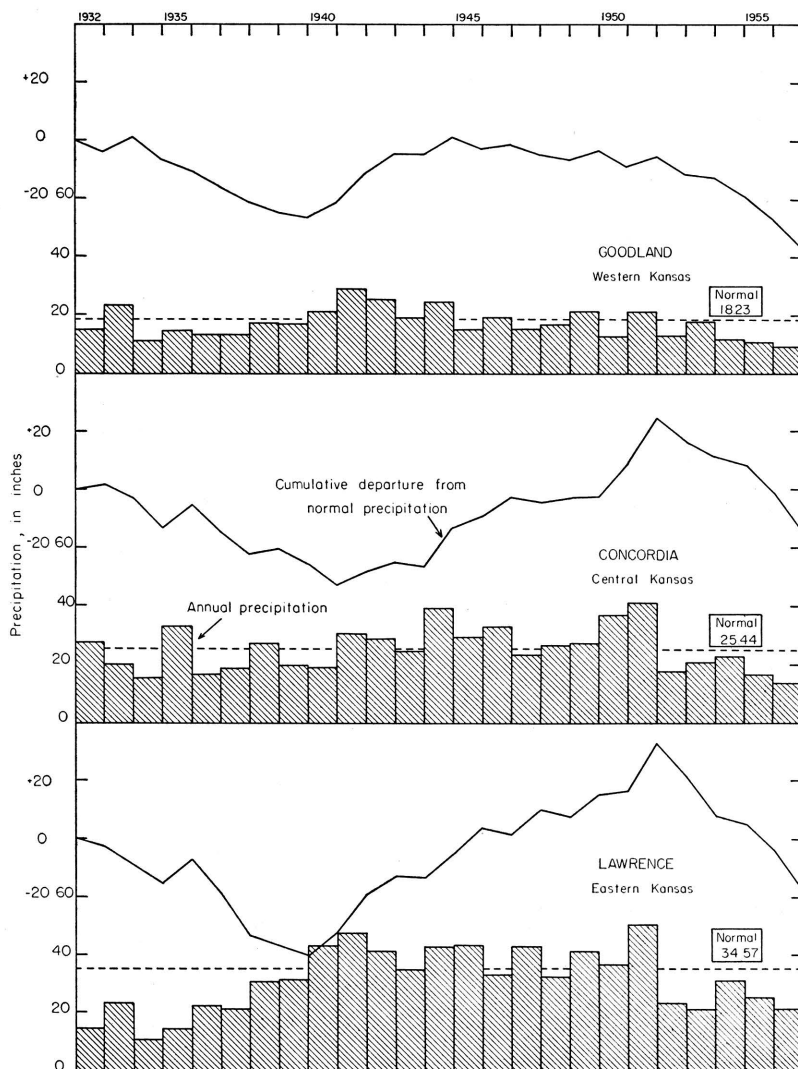


FIG. 10.—Annual precipitation and cumulative departure from normal precipitation for the 25-year period 1932 through 1956 at Goodland, Concordia, and Lawrence, recorded by the U.S. Weather Bureau.

at which the water stands in wells is complicated by several factors. After a long dry period, the soil moisture becomes depleted through evaporation and transpiration; when a rain occurs the soil moisture must be replenished before any water can descend to the water table. During the winter, when the ground is frozen, the water falling on the surface is hindered from reaching the water table, and during the hot summer, some of the water that falls as rain is lost directly into the air by evaporation. Where the water table stands comparatively far below the surface, it fluctuates less in response to precipitation than it does where it is comparatively near the surface.

The factors causing the decline of the water table are (1) the quantity of water pumped from wells for municipal, irrigation, domestic, and stock use; (2) the quantity of water transpired directly from the water table in shallow water-table areas by plants; (3) the quantity lost from the ground-water reservoir in shallow water-table areas by evaporation; and (4) the quantity discharged as effluent seepage into the streams.

The ground-water levels in areas where groundwater is pumped for irrigation are an index of the extent of irrigation development. As irrigation from wells increases, the water levels will decline until they are readjusted to the increased pumpage. If irrigation development reaches the point where the pumping exceeds the ground-water recharge, the water levels will continue to decline. Thus, the ground-water levels are a close check on the relation between the available water supply and its development.

WESTERN KANSAS

All municipal supplies in western Kansas are obtained from ground water. Also, large quantities of water are pumped for irrigation in western Kansas. Annual recharge in much of the area is low, being of the order of possibly a fourth to half an inch but most of this recharge occurs during years of heavy precipitation. The water levels in western Kansas reflect the effects of the drought and of pumping for irrigation and municipal use. The changes in water levels in western Kansas are shown by the hydrographs of 15 wells in Figures 11, 12, and 13. The changes in water levels in selected observation wells at 5-year intervals are shown for 10 counties in southwestern Kansas in Figures 14 to 18.

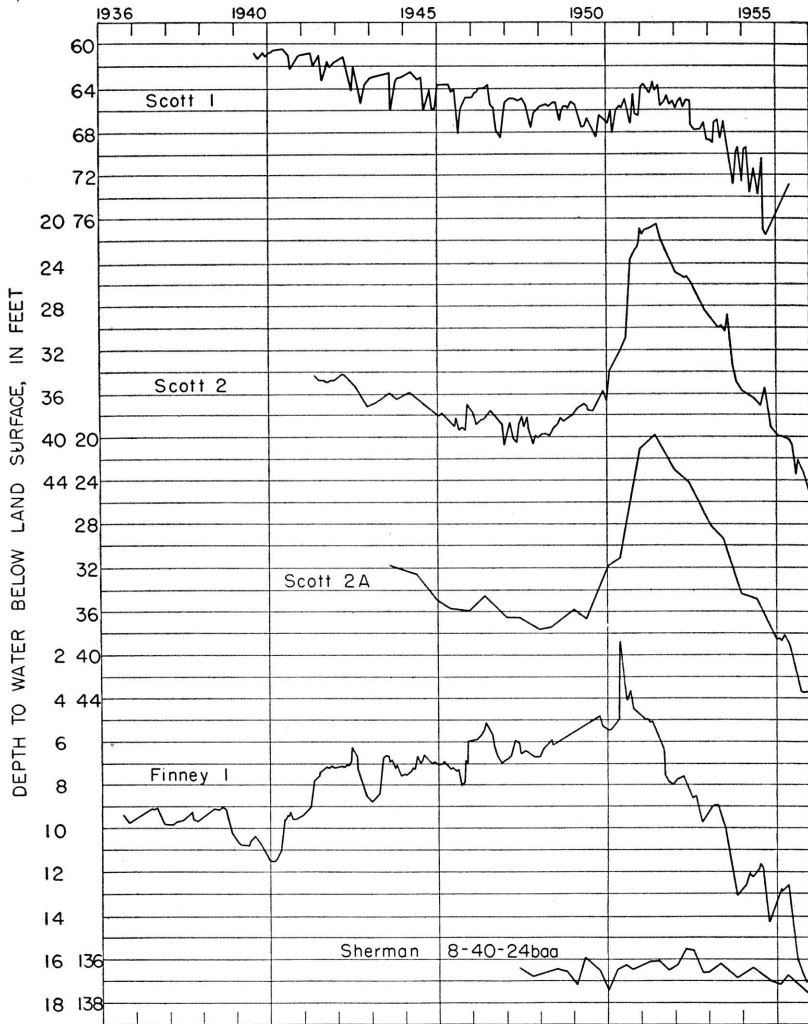


FIG. 11.—Hydrographs of five wells in Finney, Scott, and Sherman Counties.

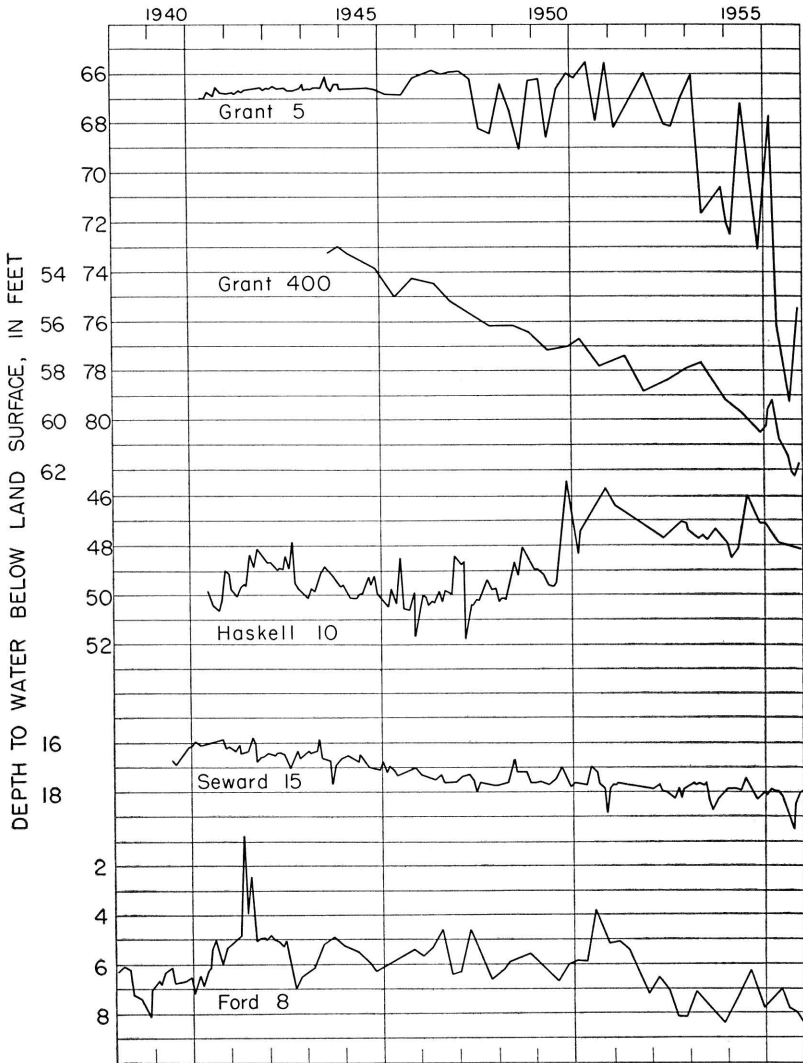


FIG. 12.—Hydrographs of five wells in Ford, Grant, Haskell, and Seward Counties.

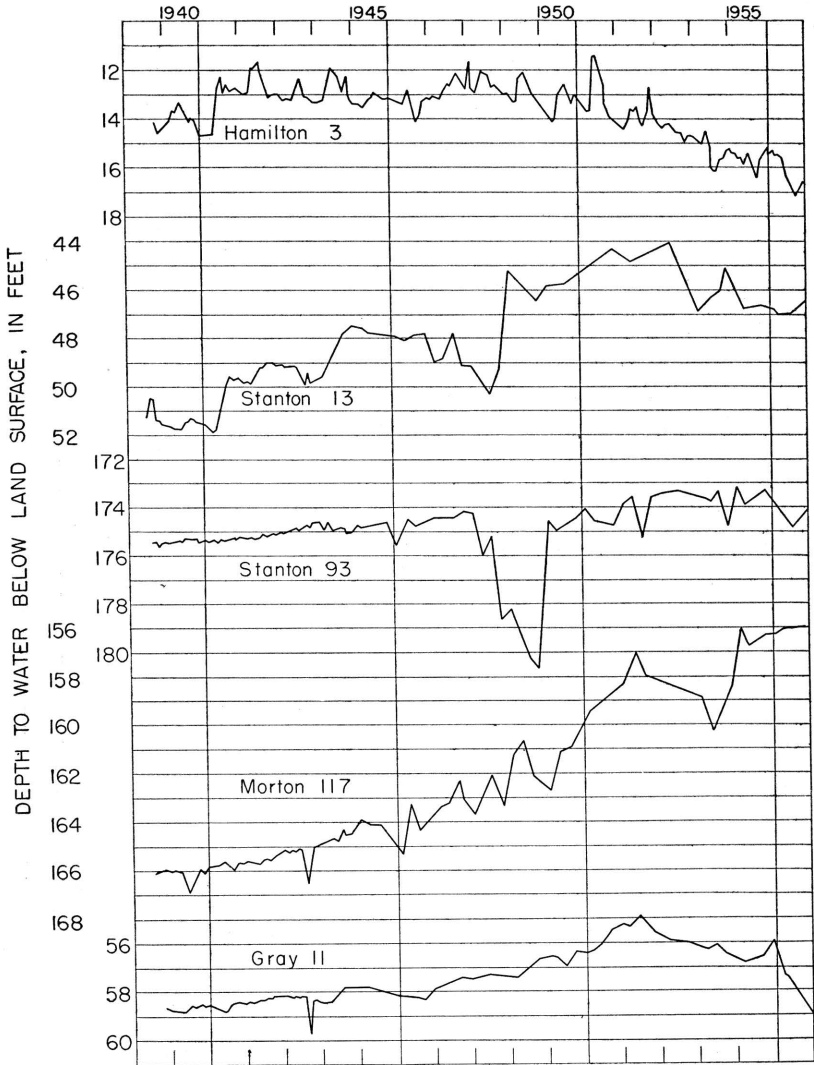


FIG. 13.—Hydrographs of five wells in Gray, Hamilton, Morton, and Stanton Counties.

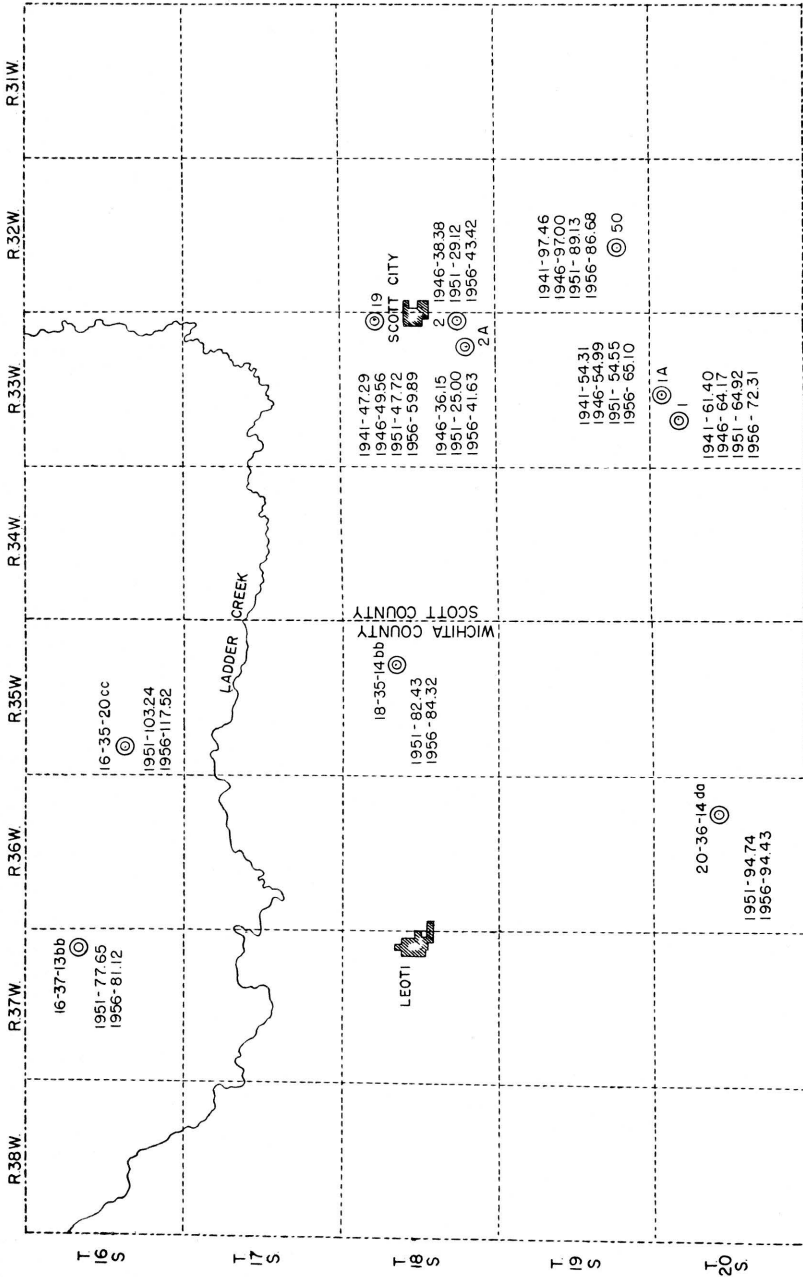


FIG. 14.—Depth to water at 5-year intervals in selected observation wells in Scott and Wichita Counties.

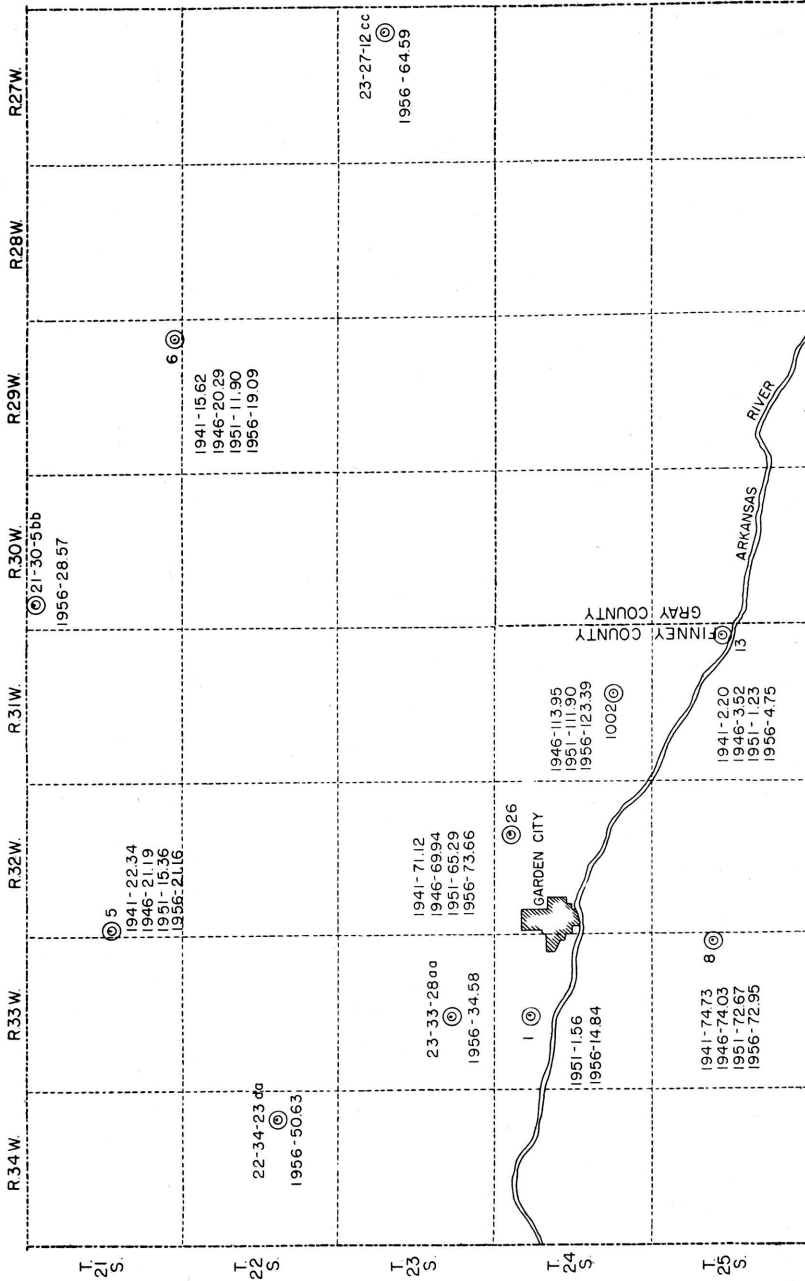


FIG. 15.—Depth to water at 5-year intervals in selected observation wells in Finney and Gray Counties.

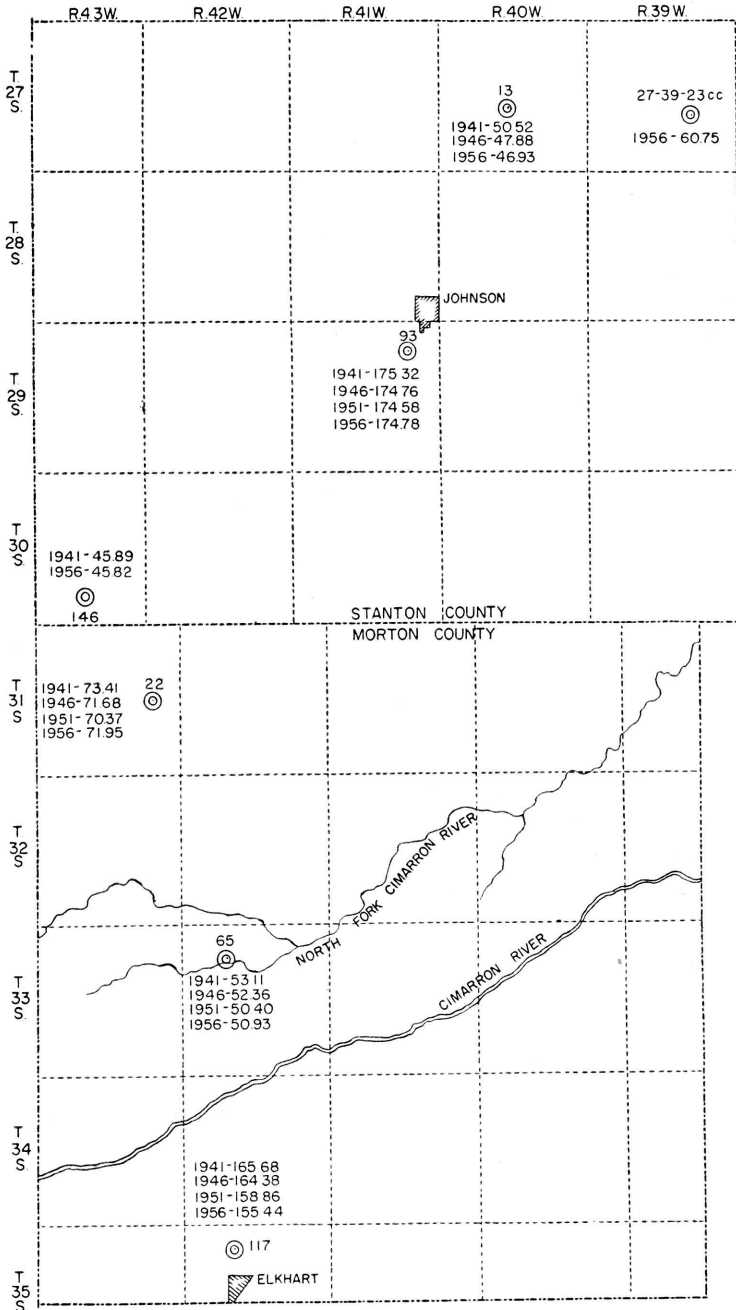


FIG. 16.—Depth to water at 5-year intervals in selected observation wells in Morton and Stanton Counties.

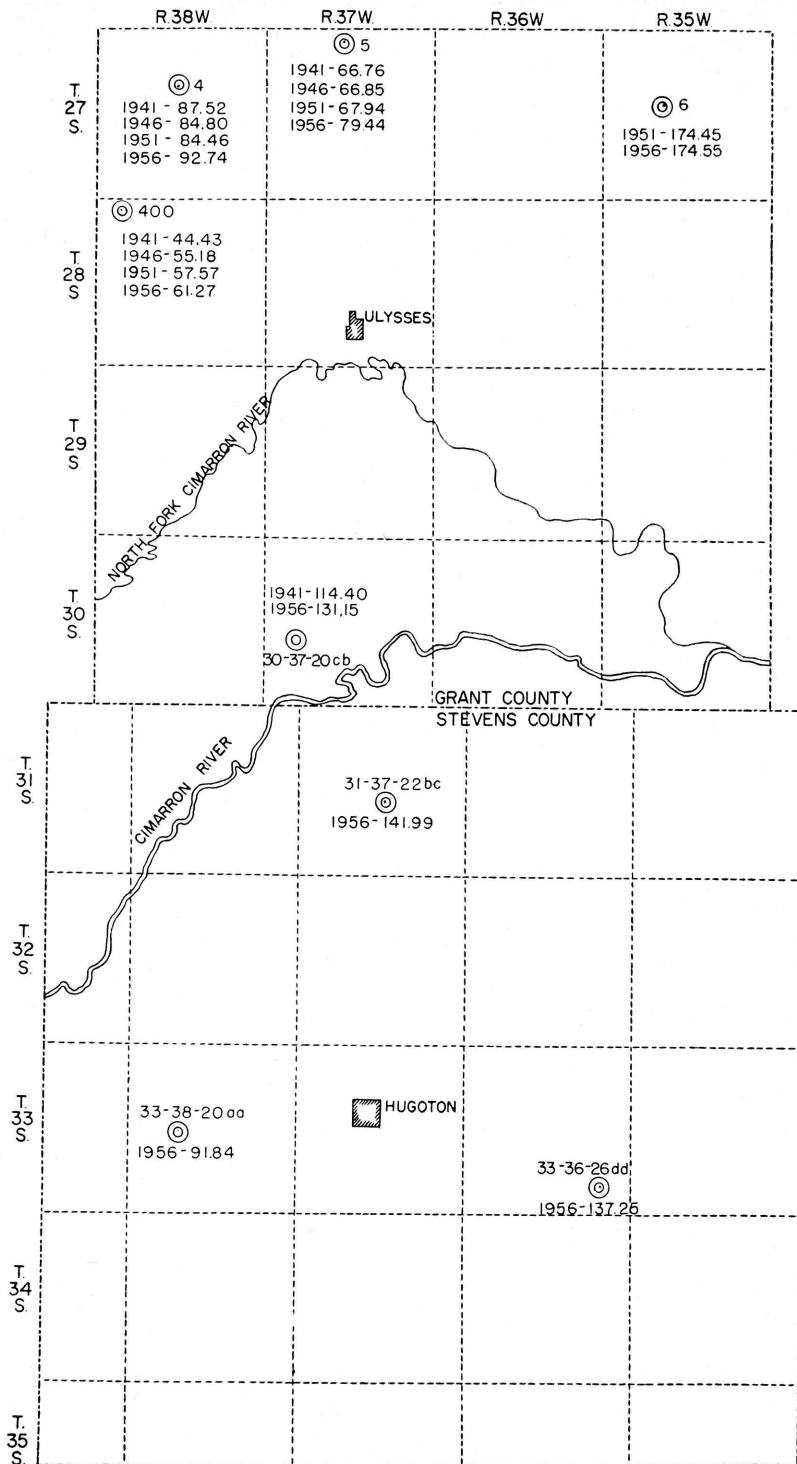


FIG. 17.—Depth to water at 5-year intervals in selected observation wells in Grant and Stevens Counties.

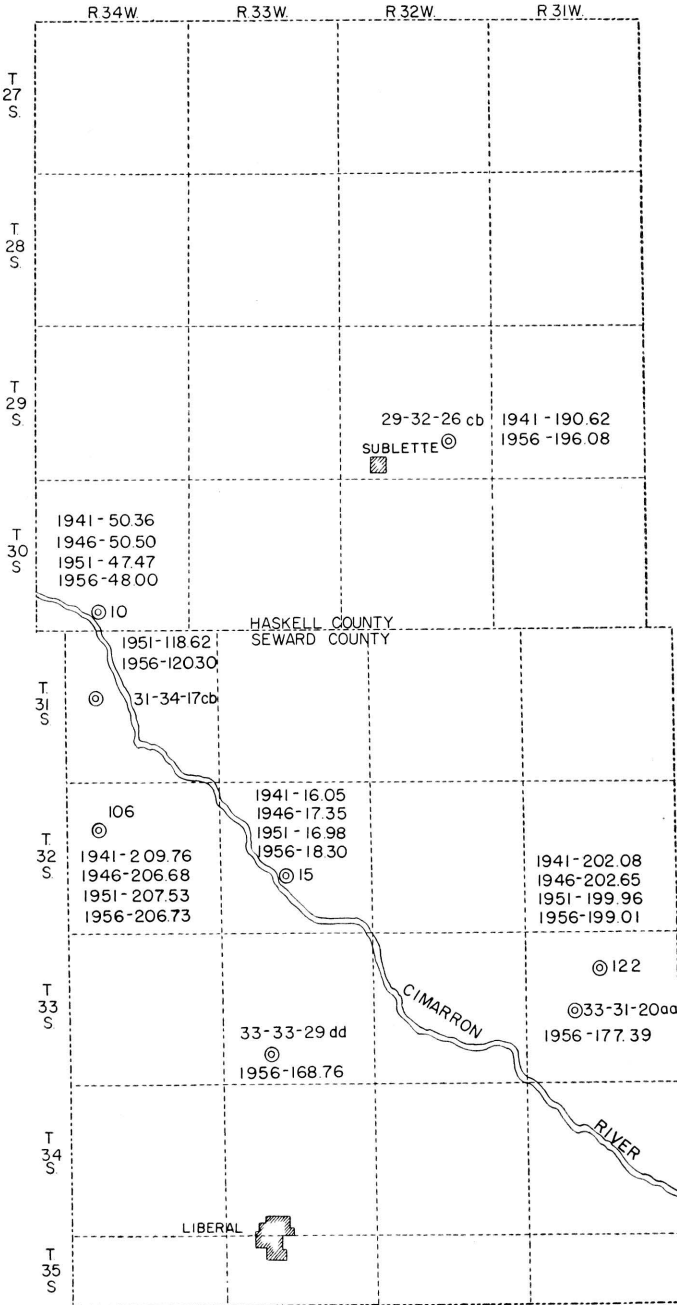


FIG. 18.—Depth to water at 5-year intervals in selected observation wells in Haskell and Seward Counties.

The water levels in most wells in western Kansas declined during 1956 as a result of the drought. Where wells are in areas of pumping for irrigation, the water levels declined also, depending on the amount of pumping. However, in a few wells that were outside areas of pumping, the water levels rose during 1956. For example, in well 117 near Elkhart in Morton County the water level has trended upward since 1941. The water level is more than 155 feet below the surface, and seemingly recharge lags precipitation by several years.

The hydrograph of well 1 in Finney County (Fig. 11) illustrates the combined effects of precipitation, drought, and regional pumping on the water table. From 1936 to 1940 the water level

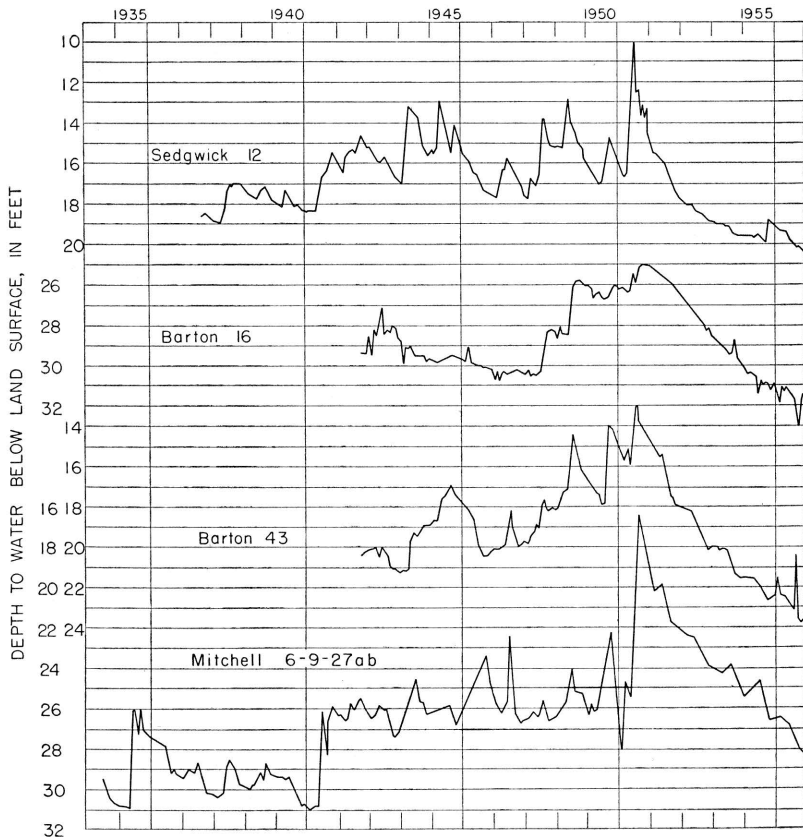


FIG. 19.—Hydrographs of four wells in Barton, Mitchell, and Sedgwick Counties.

was low primarily because of the drought years that ended in 1940. Beginning in 1941 and ending in 1951, the precipitation was fairly abundant and the water levels rose from a depth of about 11.5 feet in 1941 to about 1.4 feet in 1951. Prior to 1951, the changes in water level reflect the abundance or lack of precipitation. Beginning about 1952 pumping of ground water for irrigation increased each year in this part of Finney County. As a result of the pumping for irrigation and the drought, the water levels declined sharply each year from about March or April to November. The seasonal pumping for irrigation ended about November. After the irrigation season the water levels rose, owing to the movement of water into the areas of pumping from areas of no pumping.

CENTRAL KANSAS

During 1956 a large amount of ground water was pumped in the Equus beds area by the City of Wichita for municipal use, and large amounts were pumped for irrigation in the Equus beds area, in the Republican Valley, in the Smoky Hill Valley, and in the Arkansas Valley. Also, because the water table is shallow in parts of central Kansas, much ground water was discharged by transpiration and evaporation during 1956. Declines of the water table during 1956 are shown in Figure 19 by the hydrograph of a well in Mitchell County and by the hydrographs of three wells in south-central Kansas; two wells are in Barton County and one well is in Sedgwick County.

Pumping for municipal supply in the Equus beds area was begun in 1940 by the City of Wichita. The large decline of the water level in this area in recent years was caused by three factors; pumping by the City of Wichita, pumping by the many irrigation wells drilled in recent years, and the natural decline caused by the drought. The resultant decline of the water level from August 30, 1940, to December 31, 1956, is shown in Figure 20. The total area affected by the municipal pumping probably is about 100 square miles, but it is difficult to determine because of the natural lowering of several feet caused by the drought. The water level has declined more than 10 feet in an area of 61.1 square miles, more than 20 feet in an area of 15.5 square miles, and more than 30 feet in an area of 0.04 square mile (about 25 acres). The amount of areal decline of the water table since 1940 is shown in Figure 21.

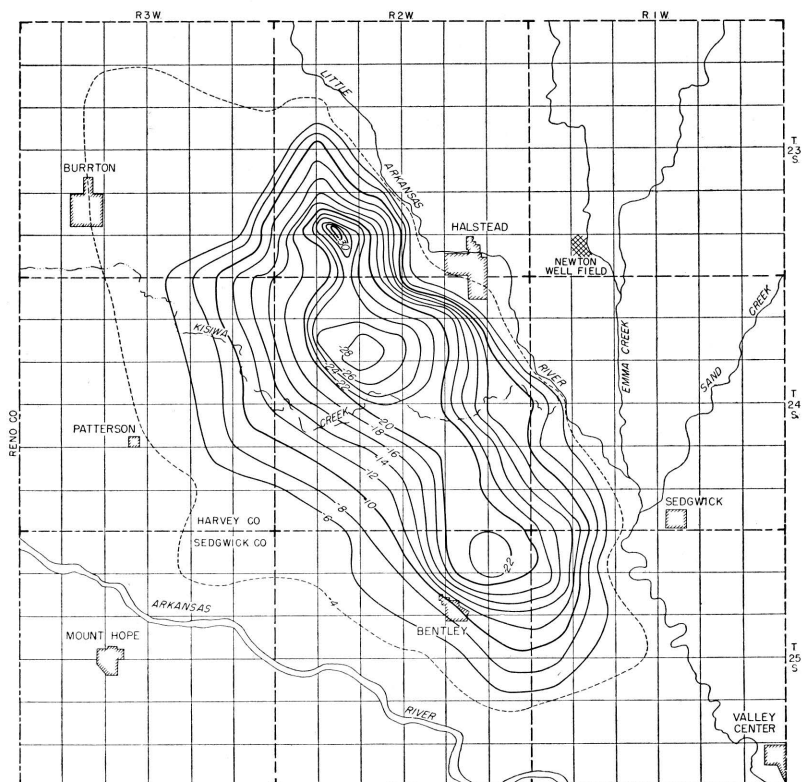


FIG. 20.—Map of Wichita well field in Equus beds area showing lines of equal change in water level from August 30, 1940, to December 31, 1956.

EASTERN KANSAS

In Kansas River valley much ground water is pumped for irrigation, industrial, municipal, and domestic use, but outside the valley ground water is pumped only for municipal and domestic use. Changes of ground-water levels during 1956 were caused principally by the discharge of ground water by natural means plus some decline caused by pumping in local areas.

Ground-water levels in eastern Kansas declined during most of 1956. Changes in water levels in eastern Kansas are shown in Figure 22 by the hydrographs of two wells. Both wells are in the alluvium of Kansas River valley; well 12-20-17ccb is near the airport at Lawrence and well 11-15-16c is at the north edge of Topeka. The water levels in these wells were at record high stages

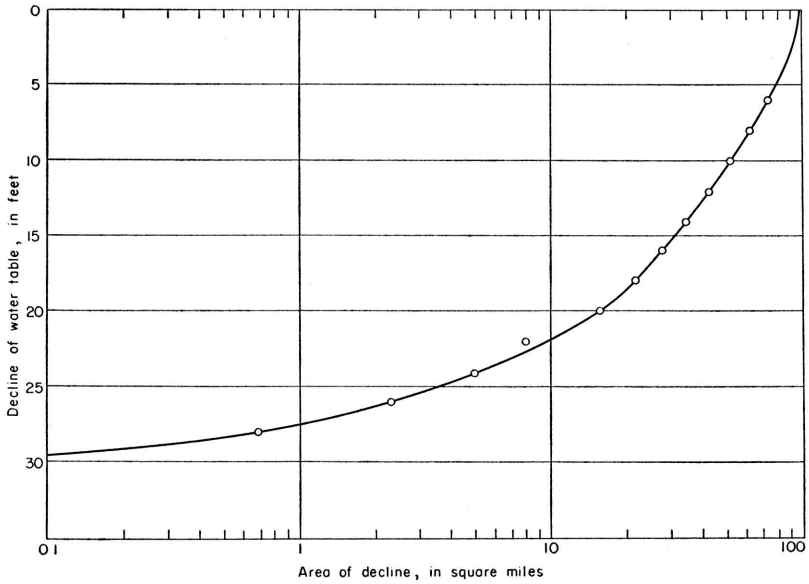


FIG. 21.—Areal decline of water table in well-field area from September 1940 to December 31, 1956.

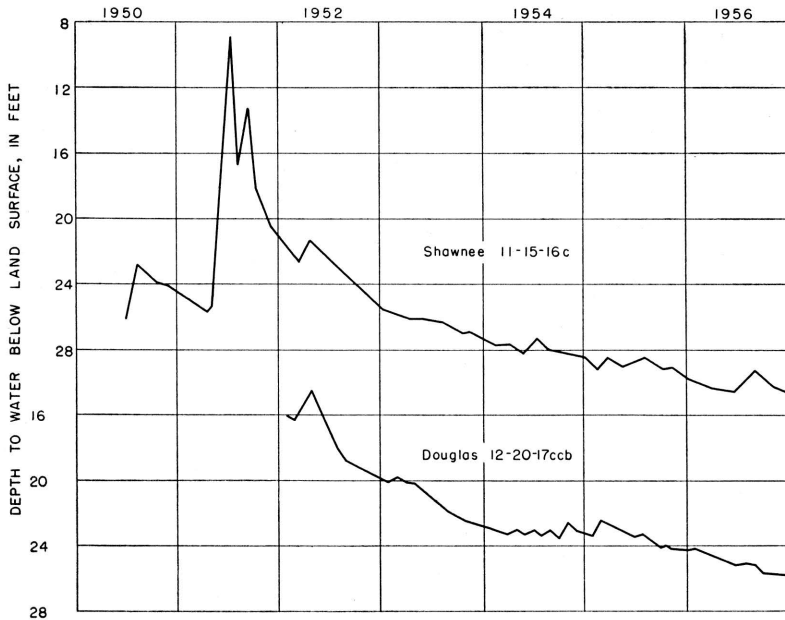


FIG. 22.—Hydrographs of two wells in Douglas and Shawnee Counties.

in 1951, owing to the large amount of rainfall and the floods in that year. Since 1951 there have been only small amounts of recharge, and the ground-water levels have declined almost steadily from 1951 through 1956. The water level in the well near Lawrence declined 1.5 feet during 1956 and about 11 feet from 1952 through 1956. The water level in the well near Topeka declined 0.94 foot during 1956 and 21.8 feet from 1951 through 1956.

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Table 5.—Records of water levels in observation wells

ALLEN COUNTY

24-18-33baa. (C)* Arnold Estate. Dug unused water-table well in Chanute shale, diameter 5 feet, depth 19 feet, cribbed with rock. Measuring point, top boards over well at center, which is 0.20 foot above lsd. Highest water level 8.87 below lsd, Mar. 1, 1949; lowest dry, Nov. 3, 1956. Records available: 1948-52, 1956. Nov. 3, dry.

ATCHISON COUNTY

5-18-3dd. (C) Lee Savage. Dug unused water-table well in glacial deposits, diameter 36 inches, depth 10 feet, cribbed with rock. Well sits below a pond. Measuring point, top boards over well, which is 0.30 foot above lsd. Highest water level 0.39 below lsd, Sept. 27, 1951; lowest 5.22 below lsd, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, 5.22.

6-21-32d. (C) L. A. Walker. Dug unused water-table well in glacial deposits, diameter 5 feet, depth 13 feet, cribbed with rock. Measuring point, top boards over well at center, which is 0.90 foot above lsd. Highest water level 3.19 below lsd, Apr. 15, 1949; lowest dry, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, dry.

BARBER COUNTY

1. (C) D. S. Shaw. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 31 S., R. 15 W. Drilled unused water-table well in deposits of Permian age, diameter 8 to 6 inches, depth 97 feet. Measuring point, top of well cover, which is 1.05 feet above lsd. Highest water level 56.40 below lsd, June 20, 1951; lowest 82.99 below lsd, Oct. 17, 1940. Records available: 1940-56. Mar. 19, 73.40; Sept. 19, 73.32; Dec. 19, 73.87.

4. (C) Madge Evans. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 32 S., R. 12 W. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 42 feet. Measuring point, top of pump base, south side, which is 0.80 foot above lsd. Highest water level 12.50 below lsd, June 22, 1949; lowest 19.10 below lsd, Sept. 19, 1956. Records available: 1940-56. Mar. 19, 15.86; Sept. 19, 19.10; Dec. 19, 17.84.

5. (C) R. Kenney. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 33 S., R. 12 W. Dug stock water-table well in alluvium, diameter 24 inches, depth 35 feet, cribbed with stone. Measuring point, top of curb, north side, which is 1.50 feet above lsd. Highest water level 17.20 below lsd, June 9, 1952; lowest 30.15 below lsd, Sept. 24, 1941. Records available: 1940-56. Mar. 19, 21.29; June 19, 20.81; Sept. 19, 20.64; Dec. 19, 20.90.

8. (C) P. Brack. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, T. 34 S., R. 15 W. Dug unused water-table well in alluvium, diameter 36 inches, depth 22 feet, cribbed with brick. Measuring point, top brick curb, north side, which is 0.50 foot above lsd. Highest water level 8.87 below lsd, Nov. 21, 1941; lowest 20.79 below lsd, Sept. 19, 1955. Records available: 1940-56. Mar. 19, 19.23; June 19, 18.88; Dec. 19, 19.00.

9. (C) V. D. Wells. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 34 S., R. 15 W. Driven unused

* (MB) following a well number indicates that the records for these wells for the years prior to 1956 are given in mimeographed Missouri Basin reports; (C) indicates that the records have been published in the annual series of Water-Supply Papers; (MB C) indicates that the records have been included in both reports.

water-table well in alluvium, diameter 1 inch, depth 11 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 1.07 below lsd, June 20, 1951; lowest 4.54 below lsd, Aug. 21, 1943. Records available: 1940-56. Mar. 19, 2.43; June 19, 2.50; Sept. 19, 3.19; Dec. 19, 4.23.

10. (C) G. H. Davis. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 35 S., R. 15 W. Drilled unused water-table well in deposits of Permian age, diameter 5 inches, depth 152 feet. Measuring point, top of casing, which is 0.10 foot below lsd. Highest water level 102.20 below lsd, Mar. 15, 1945; lowest 107.72 below lsd, Sept. 25, 1948. Records available: 1940-56. Mar. 19, 106.99; June 19, 106.96; Sept. 19, 106.95; Dec. 19, 106.97.

BARTON COUNTY

1. (C) F. Panning. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 20 S., R. 11 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 12 feet. Measuring point, top edge of pipe, which is 0.40 foot above lsd. Highest water level 0.30 above lsd, June 26, 1951; lowest 6.74 below lsd, Dec. 12, 1956. Records available: 1942-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16	5.89	Apr. 16	5.90	July 24	6.05	Oct. 22	6.69
Feb. 25	5.81	May 9	5.85	Aug. 15	6.15	Nov. 20	6.57
Mar. 14	5.75	June 13	5.67	Sept. 18	6.49	Dec. 12	6.74

16. (C) Teichmann. NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 20 S., R. 13 W. Drilled observation water-table well in Meade formation, diameter 6 inches, depth 49 feet. Measuring point, top northwest side of casing, which is 1.10 feet above lsd. Highest water level 25.02 below lsd, Oct. 23, 1951; lowest 33.14 below lsd, Sept. 14, 1956. Records available: 1942-56.

Jan. 16	31.48	Apr. 16	31.36	July 24	31.64	Oct. 22	31.86
Feb. 25	32.05	May 9	31.18	Aug. 15	32.02	Nov. 20	31.43
Mar. 14	31.04	June 13	31.36	Sept. 18	33.14	Dec. 12	31.86

43. (C) M. Hagen. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 20, T. 20 S., R. 11 W. Drilled observation water-table well in Meade formation, diameter 6 inches, depth 46 feet. Measuring point, top west edge of casing, which is 0.50 foot above lsd. Highest water level 12.97 below lsd, Aug. 21, 1951; lowest 33.98 below lsd, Nov. 19, 1952. Records available: 1942-56.

Jan. 16	21.42	Apr. 16	22.42	July 24	23.08	Oct. 22	23.63
Feb. 25	22.38	May 9	22.42	Aug. 15	20.31	Nov. 20	23.58
Mar. 14	22.38	June 13	22.75	Sept. 18	23.46	Dec. 12	23.67

100. (C) Unruh. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 20 S., R. 15 W. Drilled observation water-table well in Dakota formation, diameter 5 inches, depth 76 feet. Measuring point, top edge of casing, east side, which is 0.70 foot above lsd. Highest water level 27.05 below lsd, June 23, 1949; lowest 35.47 below lsd, Sept. 18, 1956. Records available: 1944-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	34.58	Apr. 17	34.40	July 25	35.00	Oct. 22	35.29
Feb. 23	34.62	May 10	34.43	Aug. 15	35.41	Nov. 21	35.33
Mar. 15	34.91	June 13	35.19	Sept. 18	35.47	Dec. 12	35.26

103. (C) F. Konareck. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T. 17 S., R. 12 W. Drilled observation water-table well in alluvium, diameter 5 inches, depth 25 feet. Measuring point, top edge of casing, east side, which is 0.40 foot above lsd. Highest water level 0.25 below lsd, Aug. 29, 1950; lowest 8.20 below lsd, Sept. 18, 1956. Records available: 1944-56.

Jan. 16	6.61	Apr. 16	5.59	July 24	7.97	Oct. 22	8.15
Feb. 23	6.59	May 9	6.31	Aug. 16	7.99	Nov. 21	8.08
Mar. 14	6.35	June 13	7.52	Sept. 18	8.20	Dec. 12	8.19

107. (C) Carter Oil Co. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 17 S., R. 11 W. Drilled observation water-table well in Dakota formation, diameter 6 inches, depth 168 feet. Measuring point, top west edge of casing, which is 0.20 foot above lsd. Highest water level 95.67 below lsd, May 21, 1952; lowest 102.80 below lsd, Nov. 20, 1956. Records available: 1944-56.

Jan. 16	98.58	Apr. 16	98.95	July 24	99.29	Oct. 22	99.83
Feb. 23	98.53	May 9	99.83	Aug. 16	100.46	Nov. 20	102.80
Mar. 14	99.02	June 13	101.24	Sept. 18	101.06	Dec. 12	99.94

109. (C) J. C. Cook. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28, T. 18 S., R. 15 W. Drilled observation water-table well in alluvium, depth 46 feet. Measuring point, top of well cover (center) between two 2×6 boards, which is 1.70 feet above lsd. Highest water level 1.49 below lsd, July 11, 1951; lowest dry, Sept. 18, Oct. 22, 1956. Records available: 1944-56.

Jan. 17	13.33	Apr. 17	14.40	June 14	14.18	Sept. 18	Dry
Feb. 23	16.01	May 10	14.77	July 25	16.29	Oct. 22	Dry
Mar. 15	14.29						

110. (C) Prudential Life Insurance Co. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 17 S., R. 14 W. Drilled observation water-table well in alluvium, diameter 6 inches, depth 48 feet. Measuring point, top of casing below pump base, southwest side, which is 0.30 foot above lsd. Highest water level 11.73 below lsd, Aug. 21, 1951; lowest 23.00 below lsd, Oct. 20, 1948. Records available: 1944-56.

Jan. 17	13.81	Apr. 17	13.93	July 25	14.34	Oct. 23	15.50
Feb. 23	14.19	May 10	13.84	Aug. 16	14.76	Nov. 20	15.56
Mar. 15	14.15	June 14	13.94	Sept. 18	14.93	Dec. 13	15.78

131. (C) F. W. Gagleman. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 19 S., R. 15 W. Drilled observation water-table well in alluvium, diameter 5 inches, depth 25 feet. Measuring point, top north edge of casing, which is 0.30 foot above lsd.

Highest water level 7.84 below lsd, Oct. 23, 1951; lowest 17.25 below lsd, Oct. 22, 1956. Records available: 1944-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	14.49	Apr. 17	14.01	July 25	16.18	Oct. 22	17.25
Feb. 23	13.84	May 10	14.79	Aug. 16	16.39	Nov. 21	17.14
Mar. 15	14.52	June 14	15.56	Sept. 18	16.96	Dec. 13	17.10

BOURBON COUNTY

1. (C) City of Fort Scott. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29, T. 25 S., R. 25 E. Drilled unused water-table well in Jefferson City dolomite, diameter 8 to 6 inches, depth 1,461 feet. Measuring point, top of opening in casing head, which is 0.50 foot above lsd. Highest water level 167.75 below lsd, Dec. 3, 1956; lowest 197.20 below lsd, Dec. 30, 1955. Records available: 1942-47, 1950-56. Measurement discontinued.

Jan. 30	197.02	Apr. 30	174.08	July 16	174.00	Sept. 29	168.30
Feb. 29	174.25	May 31	174.10	July 31	169.60	Nov. 30	168.16
Mar. 30	174.13	June 29	174.05	Aug. 31	168.60	Dec. 3	167.75

25-23-27bbb. (C) Harold Comstock. Dug unused water-table well in Bandera shale, diameter 5 feet, depth 11 feet. Measuring point, top round hole in slab rock, north side, which is 1.90 feet above lsd. Highest water level 1.53 below lsd, Sept. 28, 1951; lowest 6.88 below lsd, Nov. 3, 1956. Records available: 1948-52, 1956. Nov. 3, 6.88.

BROWN COUNTY

2-15-25dd. (C) Henry Rieger. Dug unused water-table well in alluvium, diameter 36 inches, depth 14 feet, cribbed with rock. Measuring point, top of timbers over center of well, which is 0.40 foot above lsd. Highest water level 7.94 below lsd, Aug. 1, 1951; lowest dry, Oct. 27, 1956. Records available: 1948-51, 1956. Oct. 27, dry.

CHASE COUNTY

18-9-29cc. (C) Peak & Hatcher Co. Drilled domestic water-table well in Bader limestone and Easley Creek shale, diameter 8 inches, depth 24 feet. Measuring point, top of casing, which is 0.30 foot above lsd. Highest water level 17.57 below lsd, July 24, 1951; lowest 25.74 below lsd, Mar. 8, 1955. Records available: 1947-56. Sept. 14, 25.11.

19-7-10da. (C) Herbert T. Drake. Dug unused water-table well in alluvium, diameter 42 inches, depth 24 feet, cribbed with rock. Measuring point, top of concrete curbing, which is 1.00 foot above lsd. Highest water level 3.19 below lsd, July 24, 1951; lowest 19.93 below lsd, July 8, 1955. Records available: 1948-56. Sept. 14, 19.89.

19-9-30cc. (C) E. E. Andrews. Drilled unused water-table well in Red Eagle limestone, diameter 8 inches, depth 65 feet. Measuring point, top of casing, which is 0.04 foot above lsd. Highest water level 30.83 below lsd,

July 24, 1951; lowest 44.96 below lsd, Feb. 10, 1954. Records available: 1947-55. No measurement made in 1956.

20-6-31bd. (C) B. S. Thompson. Drilled unused water-table well in Wrexford limestone, diameter 6 inches, depth 43 feet. Measuring point, top of iron casing, which is 0.70 foot above lsd. Highest water level 14.20 below lsd, July 24, 1951; lowest 32.65 below lsd, Sept. 14, 1956. Records available: 1947-56. Sept. 14, 32.65.

20-7-13cb. (C) Geo. W. Starkey. Dug domestic water-table well in Fort Riley and Florence limestone members of Barneston limestone, diameter 4 feet, depth 56 feet, cribbed with rock. Measuring point, top of concrete cover under pump, which is 0.60 foot above lsd. Highest water level 8.87 below lsd, Sept. 5, 1950; lowest 52.39 below lsd, July 6, 1953. Records available: 1947-56. Sept. 14, 38.58.

20-8-2bd. (C) School district. Drilled unused water-table well in valley alluvium, diameter 5 inches, depth 21 feet. Measuring point, top of board under pump, which is 0.40 foot above lsd. Highest water level 2.32 below lsd, July 24, 1951; lowest 17.67 below lsd, Sept. 14, 1956. Records available: 1947-56. Sept. 14, 17.67.

20-8-16aa. (C) Gerald Brough. Drilled domestic water-table well in Cottonwood limestone, diameter 7 inches, depth 33 feet. Measuring point, top of casing, which is 0.80 foot above lsd. Highest water level 3.28 below lsd, July 24, 1951; lowest 25.04 below lsd, Feb. 10, 1954. Records available: 1947-56. Sept. 14, 15.92.

22-6-11cc. (C) Margaret Smith. Drilled water-table well in Fort Riley and Florence limestone members of Barneston limestone, diameter 5 inches, depth 86 feet. Measuring point, top of casing, which is 0.30 foot above lsd. Highest water level 2.58 below lsd, July 24, 1951; lowest 12.30 below lsd, Mar. 8, 1955. Records available: 1947-56. No measurement made in 1956. Well pumping all year.

CHEROKEE COUNTY

1. (C) W. L. Stiles. NE¹/₄ NW¹/₄ NE¹/₄ sec. 2, T. 34 S., R. 23 E. Dug domestic water-table well in Bluejacket sandstone member of Cherokee group, diameter 6 feet, depth 27 feet. Measuring point, top of opening in well curb, which is 0.80 foot above lsd. Highest water level 5.50 below lsd, May 26, 1943; lowest 19.07 below lsd, Nov. 30, 1956. Records available: 1942-45, 1948, 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	14.40	May 31	14.65	July 31	15.80	Nov. 5	18.82
Feb. 29	14.40	June 29	15.10	Aug. 29	16.58	Nov. 30	19.07
Mar. 30	14.45	July 13	15.36	Sept. 29	17.68	Dec. 3	18.08
Apr. 30	14.60						

32-25-6dad. (C) John P. Matter. Drilled well in the Dry Wood and Rowe formations of the Cherokee group, diameter 5 inches, depth 25 feet. Measuring point, top of concrete slab in wood box, which is 0.50 foot above lsd.

Highest water level 7.61 below lsd, Feb. 28, 1952; lowest 19.45 below lsd, Aug. 3, 1954. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	14.90	May 31	15.75	July 31	16.03	Nov. 5	15.85
Feb. 29	15.40	June 29	16.00	Aug. 29	15.98	Nov. 30	16.05
Mar. 30	15.15	July 11	16.08	Sept. 29	15.85	Dec. 3	16.18
Apr. 30	15.40						

3. (C) Mr. Fleming. SW $\frac{1}{4}$ sec. 19, T. 32 S., R. 24 E. Drilled unused artesian well in Roubidoux formation, diameter 8 inches, depth 850 feet. Measuring point, crack in 4-inch coupling, which is 2.35 feet above lsd. Highest water level 196.53 below lsd, July 23, 1943; lowest 210.94 below lsd, Dec. 3, 1956. Records available: 1943, 1950-56.

Jan. 30	209.35	May 31	209.95	July 31	210.28	Nov. 5	210.70
Feb. 29	209.35	June 29	210.30	Aug. 29	210.76	Nov. 30	210.91
Mar. 30	209.70	July 13	210.40	Sept. 29	210.93	Dec. 3	210.94
Apr. 30	209.65						

31-25-19dd. (C) Sam Ross. Drilled domestic water-table well in Mississippian limestone, diameter 8 inches, depth 315 feet. Measuring point, top of casing, which is 1.10 feet above lsd. Highest water level 190.12 below lsd, June 13, 1952; lowest 199.88 below lsd, Nov. 30, 1956. Records available: 1951-56.

Jan. 30	198.00	May 31	198.00	July 31	198.40	Nov. 5	199.68
Feb. 29	197.65	June 29	198.15	Aug. 29	198.53	Nov. 30	199.88
Mar. 30	197.90	July 11	198.20	Sept. 29	199.15	Dec. 3	199.75
Apr. 30	198.05						

CHEYENNE COUNTY

1-38-2cd. (MB C) Paul O'Brien. Drilled irrigation water-table well in alluvium, diameter 18 inches, depth 42 feet. Measuring point, top of hole in turbine base, which is 1.00 foot above lsd. Highest water level 21.37 below lsd, May 6, 1952; lowest 24.52 below lsd, Aug. 21, 1956. Records available: 1948-56. Feb. 20, 23.50; Aug. 21, 24.52.

1-38-8ddb. (MB C) H. O. Haines. Drilled irrigation water-table well in alluvium, diameter 18 inches, depth 34 feet. Measuring point, hole in inside of turbine base, which is 1.00 foot above lsd. Highest water level 11.24 below lsd, Feb. 25, 1947; lowest 14.91 below lsd, Sept. 2, 1953. Records available: 1946-56. Feb. 20, 12.30; Aug. 21, 13.97.

1-38-17cdd. (MB C) F. J. Ostick. Drilled domestic and observation water-table well in alluvium, diameter 5 inches, depth 22 feet. Measuring point, top of cement platform, which is 0.33 foot above lsd. Highest water level 11.07 below lsd, July 25, 1951; lowest 13.45 below lsd, Nov. 11, 1954. Records available: 1946-55. Measurement discontinued.

2-39-10bba. (MB C) A. L. Pugh. Drilled unused water-table well in al-

luvium, diameter 5 inches, depth 39 feet. Measuring point, edge of casing, which is 0.50 foot above lsd. Highest water level 24.95 below lsd, May 6, 1952; lowest dry, Aug. 30, 1954. Records available: 1947-56. May 22, 28.49; Aug. 21, 28.37.

2-39-17baa. (MB C) Myrtle E. Armstrong. Dug stock well, diameter 24 inches, depth 13 feet. Measuring point, top of board platform, which is 0.50 foot above lsd. Highest water level 9.98 below lsd, May 6, 1952; lowest 14.47 below lsd, Sept. 2, 1953. Records available: 1946-47, 1949-50, 1952-53, 1956. Feb. 20, pumping; May 22, pumping; Aug. 21, pumping.

2-39-19ccc. (MB C) A. C. Keller. Drilled well, diameter 4 inches, depth 23 feet. Measuring point, edge of casing, which is at land surface. Highest water level 13.68 below lsd, May 26, 1955; lowest 17.48 below lsd, Sept. 2, 1953. Records available: 1948-50, 1952-56. Feb. 20, 16.46; May 22, 16.62; Aug. 21, 17.45.

2-39-27bbb. (MB C) G. W. Best. Drilled unused water-table well in alluvium, diameter 8 inches, depth 29 feet. Measuring point, top of board platform, which is 1.33 feet above lsd. Highest water level 14.99 below lsd, June 25, 1953; lowest 19.52 below lsd, Feb. 20, 1956. Records available: 1946-56. Feb. 20, 19.52; May 22, 19.41; Aug. 21, 17.37.

3-40-9baa. (MB C) P. G. Walter. Drilled stock and observation water-table well in alluvium, diameter 5 inches, depth 16 feet. Measuring point, at land surface. Highest water level 11.69 below lsd, Feb. 25, 1947; lowest 21.45 below lsd, Dec. 22, 1953. Records available: 1946-56. Feb. 20, 20.70; May 22, 20.80; Aug. 21, 20.92.

3-40-22aba. (MB C) T. Holleman and others. Drilled unused water-table well in alluvium, diameter 5 inches, depth 19 feet. Measuring point, top of cement slab, which is 0.25 foot above lsd. Highest water level 10.02 below lsd, July 29, 1947; lowest 18.25 below lsd, Nov. 28, 1955. Records available: 1946-56. Feb. 20, 17.36; May 22, 17.46.

3-40-28cbb. (MB C) D. Danielson. Drilled observation water-table well in alluvium, diameter 5 inches, depth 26 feet. Measuring point, top of casing, which is 1.00 foot above lsd. Highest water level 10.02 below lsd, Mar. 20, 1946; lowest 12.75 below lsd, Aug. 16, 1946. Records available: 1946-56. Feb. 20, 11.60; May 22, 11.78; Aug. 21, 12.41.

3-40-33dda. (MB C) H. L. Harkins. Drilled unused water-table well in Ogallala formation and colluvium, diameter 6 inches, depth 27 feet. Measuring point, top of cement slab, which is at land surface. Highest water level 11.90 below lsd, July 29, 1947; lowest dry, Feb. 20, May 22, 1956. Records available: 1946-56. Feb. 20, dry; May 22, dry.

3-41-13ccd. (MB C) F. Walz. Drilled unused domestic well, diameter 5 inches, depth 15 feet. Measuring point at land surface. Highest water level 7.83 below lsd, Mar. 16, 1949; lowest 15.78 below lsd, Aug. 16, 1946. Records available: 1946-50, 1952-56. Feb. 20, 12.00; May 22, 12.70; Aug. 21, 12.58.

3-42-21bcc. (MB C) Andrew Rueb. Drilled stock water-table well in Ogallala formation, diameter 5 inches, depth 220 feet. Measuring point, hole in base of pump, which is 0.80 foot above lsd. Highest water level 201.45 below lsd, Dec. 23, 1953; lowest 202.90 below lsd, Aug. 21, 1956. Records available: 1953-56. Feb. 20, 201.60; May 22, 201.90; Aug. 21, 202.90.

3-42-22dad. (MB C) F. F. Blair. Drilled observation water-table well in Ogallala formation, diameter 5 inches, depth 162 feet. Measuring point, edge of 5-inch casing, which is 1.30 feet above land surface. Highest water level 137.85 below lsd, May 25, 1955; lowest 143.42 below lsd, Sept. 3, 1953. Records available: 1953-56. Feb. 20, 138.30; May 22, 138.29; Aug. 21, 137.92.

3-42-26cad. (MB C) Henry Richers. Drilled domestic and stock water-table well in Ogallala formation, diameter 6 inches, depth 196 feet. Measuring point, edge of 6-inch casing, which is 0.80 foot above lsd. Highest water level 175.70 below lsd, Aug. 30, 1954; lowest 181.65 below lsd, June 29, 1953. Records available: 1953-56. Feb. 20, 176.23.

3-42-28dda. (MB C) Clarence Raile. Drilled domestic and stock water-table well in Ogallala formation, diameter 5 inches, depth 159 feet. Measuring point, hole in base of pump, which is 0.30 foot above lsd. Highest water level 146.10 below lsd, Aug. 21, 1956; lowest 151.66 below lsd, June 29, 1953. Records available: 1953-56. Feb. 20, 151.20; May 22, 151.45; Aug. 21, 146.10.

4-41-2aad. (MB C) W. E. Johnson. Drilled domestic and stock water-table well in alluvium, diameter 6 inches, depth 30 feet. Measuring point, top of cement slab, which is 0.66 foot above lsd. Highest water level 20.04 below lsd, July 12, 1950; lowest 28.53 below lsd, Oct. 4, 1949. Records available: 1946-55. Measurement discontinued.

4-41-32ddb. (MB C) Simon E. Matson. Drilled observation water-table well in Ogallala formation, diameter 6 inches, depth 121 feet. Measuring point at land surface. Highest water level 107.40 below lsd, Aug. 21, 1956; lowest 115.35 below lsd, Nov. 28, 1955. Records available: 1946-47, 1949-56. Feb. 20, 114.17; May 22, 114.27; Aug. 21, 107.40.

4-42-2ccc. (MB C) Henry Lampe. Drilled observation water-table well in Ogallala formation, diameter 5 inches, depth 190 feet. Measuring point, edge of 5-inch casing, which is 0.70 foot above lsd. Highest water level 176.66 below lsd, Sept. 2, 1953; lowest 179.26 below lsd, May 22, 1956. Records available: 1953-56. Feb. 20, 177.27; May 22, 179.26; Aug. 21, 177.32.

4-42-5aaa. (MB C) W. E. Klie. Drilled domestic and stock water-table well in Ogallala formation, diameter 5 inches, depth 223 feet. Measuring point, top of concrete curb, which is 1.20 feet above lsd. Highest water level 190.90 below lsd, Sept. 2, 1953; lowest 191.67 below lsd, June 26, 1953. Records available: 1953-56. Feb. 20, 191.65.

4-42-26ccb. (MB C) Pete O'Brien. Drilled irrigation water-table well in Ogallala formation, diameter 25 inches, depth 56 feet. Measuring point, edge of steel casing, which is 0.50 foot above lsd. Highest water level 21.25 below lsd, Feb. 20, 1956; lowest 22.70 below lsd, May 25, 1955. Records available: 1954-56. Feb. 20, 21.25.

5-38-13cbd. (MB C) E. E. Retzer. Drilled stock well, diameter 5 inches, depth 91 feet. Measuring point, top of casing west side, which is 0.40 foot above lsd. Highest water level 56.55 below lsd, Nov. 23, 1954; lowest 57.08 below lsd, Nov. 27, 1956. Records available: 1954-56. Feb. 21, 56.92; Nov. 27, 57.08.

5-42-4aac. (MB C) A. Corder. Drilled stock well, diameter 6 inches, depth 37 feet. Measuring point, top of cement slab, which is 1.00 foot above lsd. Highest water level 21.83 below lsd, Dec. 5, 1947, June 8, 1948; lowest

24.01 below lsd, Aug. 30, 1954. Records available: 1946-50, 1952-56. Feb. 20, 23.12; May 22, 22.86; Aug. 21, 23.16.

CLARK COUNTY

6. (C) District school. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 35 S., R. 21 W. Drilled unused water-table well in alluvium, diameter 6 inches, depth 36 feet. Measuring point at land surface. Highest water level 26.28 below lsd, June 19, 1951; lowest 27.93 below lsd, Dec. 19, 1956. Records available: 1940-43, 1950-56. Mar. 19, 27.14; June 19, 27.22; Dec. 19, 27.98.

10. (C) J. F. Folks Estate. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 32 S., R. 23 W. Drilled stock water-table well in deposits of Pleistocene age, diameter 6 inches, depth 21 feet. Measuring point, top of casing south side, which is 1.50 feet above lsd. Highest water level 13.97 below lsd, June 13, 1955; lowest 17.63 below lsd, Sept. 27, 1946. Records available: 1940-47, 1954-56. Mar. 19, 14.20; June 9, 14.39; Sept. 19, 15.07; Dec. 19, 14.93.

30-23-6aa. (C) E. F. Houff. Drilled domestic and stock water-table well in Ogallala formation, diameter 6 inches, depth 156 feet. Measuring point, top of casing south side, which is 0.70 foot above lsd. Highest water level 140.33 below lsd, June 19, 1956; lowest 143.31 below lsd, Mar. 8, 1954. Records available: 1939, 1953-56. Mar. 19, 141.38; June 19, 140.33; Sept. 19, 141.46.

CLOUD COUNTY

5-3-19bb. (MB) U.S.G.S. Jetted well in silt and sand, diameter $\frac{3}{4}$ inch, depth 39 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 15.40 below lsd, Aug. 1, 1951; lowest 21.98 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 21.68; Mar. 27, 21.48; July 18, 21.60.

5-3-20aa. (MB) U.S.G.S. Jetted well in silt and sand, diameter $\frac{3}{4}$ inch, depth 26 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 9.80 below lsd, July 2, 1951; lowest 16.78 below lsd, Jan. 12, 1956. Records available: 1950-56. Jan. 12, 16.78; Mar. 27, 16.70; July 18, 16.52.

5-3-20dd. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 15 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 5.36 below lsd, July 27, 1950; lowest 11.34 below lsd, Jan. 12, 1956. Records available: 1950-56. Jan. 12, 11.34; Mar. 27, 10.33; July 18, 10.98.

5-3-23cb. (MB) U.S.G.S. Jetted well in silt and gravel, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 1.90 below lsd, June 13, 1951; lowest 9.22 below lsd, Feb. 2, 1954. Records available: 1950-56. Jan. 12, 8.33; Mar. 27, 6.85; July 18, 7.74.

5-3-24cb. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 1.40 below lsd, Dec. 4, 1951; lowest 7.29 below lsd, Jan. 12, 1956. Records available: 1950-56. Jan. 12, 7.29; Mar. 27, 6.65; July 18, 6.49.

5-3-29dd. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 4.60 below lsd, July 2, 1951; lowest dry, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 15.94; Mar. 27, 14.93; July 18, 18.03.

5-4-8dd. (MB) U.S.G.S. Jetted well in sand and clay, diameter $\frac{3}{4}$ inch, depth 42 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 10.30 below lsd, Aug. 1, 1951; lowest 17.62 below lsd, July 18, 1956. Records available: 1950-56. Jan. 12, 15.99; Mar. 27, 15.93; July 18, 17.62.

5-4-11dd. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 40 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 12.10 below lsd, Aug. 1, 1951; lowest 21.49 below lsd, Sept. 22, 1955, Jan. 12, 1956. Records available: 1950-56. Jan. 12, 21.49; Mar. 27, 21.43; July 18, 21.25.

5-4-14bc. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 2.90 below lsd, Aug. 1, 1951; lowest 8.91 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 8.30; Mar. 27, 8.27; July 18, 8.04.

5-4-15aa. (MB) Owner unknown. Drilled well in sand, diameter 24 inches, depth 20 feet. Measuring point, top of casing, which is at land surface. Highest water level 7.40 below lsd, July 3, 1951; lowest 13.80 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 13.20; Mar. 27, 13.15; July 18, 13.30.

COFFEY COUNTY

20-15-34dcb. (C) G. Skillman. Dug unused water-table well in Kanwaka shale, diameter 30 inches, depth 40 feet, cribbed with rock. Measuring point, top of concrete platform south side of hole, which is 0.60 foot above lsd. Highest water level 1.71 below lsd, Mar. 1, 1949; lowest 17.70 below lsd, Nov. 3, 1956. Records available: 1948-52, 1956. Nov. 3, 17.70.

COMANCHE COUNTY

1. (C) A. A. Carpenter. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 33 S., R. 20 W. Drilled unused water-table well in deposits of Permian age, diameter 6 inches, depth 43 feet. Measuring point, top of concrete pump base, which is 1.00 foot above lsd. Highest water level 35.30 below lsd, Sept. 19, 1951; lowest 40.52 below lsd, June 20, 1941. Records available: 1940-56. Mar. 19, 36.68; June 19, 36.93; Sept. 19, 37.18; Dec. 19, 37.32.

3. (C) E. Deewall. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 19, T. 31 S., R. 18 W. Drilled stock well, diameter 6 inches, depth 97 feet. Measuring point, top of casing below pump base north side, which is 1.40 feet above lsd. Highest water level 74.48 below lsd, Aug. 31, 1953; lowest 94.07 below lsd, June 8, 1945. Records available: 1940-47, 1953, 1955-56. Mar. 19, pumping; June 19, pumping, Sept. 19, pumping.

DECATUR COUNTY

2-29-24bc. (C) Owner unknown. Drilled unused stock well, diameter 5 inches, depth 126 feet. Measuring point, top of casing east side, which is 0.50 foot above lsd. Highest water level 99.25 below lsd, Aug. 29, 1955; lowest 100.37 below lsd, Nov. 22, 1954. Records available: 1954-56. Feb. 20, 99.31; May 16, 99.65; Nov. 26, 99.45.

3-26-5cc. (C) John Hicks. Drilled unused observation well in Ogallala formation, diameter 5 inches, depth 147 feet. Measuring point, top of casing, which is 1.10 feet above lsd. Highest water level 141.02 below lsd, Aug. 22,

1952; lowest 143.10 below lsd, Feb. 8, 1954. Records available: 1952-56. Feb. 20, 141.64; May 16, 141.24; Aug. 28, 141.64; Nov. 26, 141.44.

DOUGLAS COUNTY

12-20-17ccb. (C) Frank D. Walters. Drilled observation water-table well in terrace deposits, diameter 10 inches, depth 50 feet. Measuring point, 3.00 feet above lsd. Highest water level 14.47 below lsd, Apr. 29, 1952; lowest 25.88 below lsd, Dec. 25 and 30, 1956. Records available: 1952-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	24.36	24.46	24.53	24.79	24.86	25.16	25.03	25.20	25.36	25.63	25.78	25.82
10	24.37	24.47	24.54	.....	24.87	25.15	25.02	25.24	25.39	25.63	25.78	.....
15	24.39	24.48	24.57	.....	24.89	25.20	25.03	25.24	25.42	25.69	25.79	.....
20	24.40	24.42	24.58	.....	.....	25.22	25.04	25.26	25.47	25.71	25.80	.....
25	24.42	24.51	24.62	24.86	25.03	25.22	25.01	25.29	25.49	25.74	25.80	25.88
30	24.43	.....	24.69	24.86	25.09	25.23	25.08	25.31	25.62	25.75	25.81	25.88

13-19-21bb. (C) C. E. Banning. Drilled domestic and stock artesian well in Tonganoxie sandstone member of Stranger formation, diameter 6 inches, depth 96 feet. Measuring point, top of casing cover plate, which is 3.10 feet below lsd. Highest water level 23.48 below lsd, May 20, 1952; lowest 37.90 below lsd, May 27, 1956. Records available: 1952-56. May 27, 37.90.

13-20-30ad. (C) Fairplain School. Drilled unused observation water-table well in Tonganoxie sandstone member of Stranger formation, diameter 6 inches, depth 94 feet. Measuring point, top of casing, which is 0.30 foot above lsd. Highest water level 82.59 below lsd, June 1, 1953; lowest 85.64 below lsd, Dec. 24, 1955. Records available: 1953-55. No measurement made in 1956.

15-20-11cda. (C) U.S.G.S. and Kansas Geological Survey. Drilled observation water-table well in Ireland sandstone member of Lawrence shale, diameter 1¼ inches, depth 182 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 45.95 below lsd, May 15, 1956; lowest 46.31 below lsd, Sept. 18, 1956. Records available: 1956. May 15, 45.95; Sept. 18, 46.31.

15-21-4bcc. (C) U.S.G.S. and Kansas Geological Survey. Drilled observation water-table well in Ireland sandstone member of Lawrence shale, diameter 5½ inches, depth 144 feet. Measuring point, top of well seal, which is 2.00 feet above lsd. Highest water level 22.40 below lsd, May 14, 1956; lowest 24.28 below lsd, Oct. 2, 1956. Records available: 1956. May 14, 22.40; Oct. 2, 24.28.

EDWARDS COUNTY

1. (C) M. Shouse. NW¼ SW¼ sec. 35, T. 24 S., R. 19 W. Dug and drilled unused water-table well in alluvium, diameter 16 inches, depth 28 feet. Measuring point, top of concrete curbing north side, which is 0.10 foot above lsd. Highest water level 3.17 below lsd, June 25, 1951; lowest 8.33 below lsd, Nov. 20, 1956. Records available: 1944-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16	7.44	Apr. 16	7.10	Oct. 22	8.20	Dec. 12	8.15
Feb. 23	7.42	June 13	7.70	Nov. 20	8.33		
Mar. 14	7.20						

10. (C) E. F. Lippoldt. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 23 S., R. 19 W. Dug unused water-table well in terrace deposits of Pleistocene age, diameter 4 $\frac{1}{2}$ feet, depth 70 feet. Measuring point, top of hole in concrete cover, which is 0.60 foot above lsd. Highest water level 63.11 below lsd, Aug. 15 and Oct. 11, 1956; lowest 68.20 below lsd, Mar. 13, 1946. Records available: 1944-56.

Jan. 16	63.17	May 9	63.48	Aug. 15	63.11	Nov. 20	63.16
Feb. 23	63.24	June 13	63.42	Sept. 18	63.18	Dec. 12	63.23
Apr. 16	63.15	July 24	63.23	Oct. 22	63.11		

25-16-31da. (C) E. B. Mayhew. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 25 S., R. 16 W. Drilled unused irrigation well, diameter 15 inches, depth 70 feet. Measuring point, top of steel casing, which is at land surface. Highest water level 15.81 below lsd, Aug. 3, 1945; lowest dry, Nov. 17, 1954. Records available: 1945, 1952-55. Measurement discontinued.

ELLIS COUNTY

215. (C) A. H. Romine. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 11 S., R. 16 W. Dug stock water-table well in deposits of Pleistocene age, diameter 24 inches, depth 20 feet, cribbed with rock. Measuring point, top edge of rock casing south side, which is 2.10 feet above lsd. Highest water level 9.76 below lsd, July 23, 1951; lowest 20.80 below lsd, Apr. 17, 1956. Records available: 1941-56. Jan. 11, 18.30; Apr. 17, 20.80; Oct. 23, 18.85.

218. (C) W. W. Bemis. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 16, T. 12 S., R. 17 W. Dug unused water-table well in Codell sandstone member of Carlile shale, diameter 24 inches, depth 83 feet. Measuring point, top of hole cut in 2 \times 8 cover north side, which is 0.50 foot above lsd. Highest water level 11.76 below lsd, July 23, 1951; lowest 55.02 below lsd, Apr. 17, 1956. Records available: 1941-56. Jan. 11, 54.23; Apr. 17, 55.02; July 25, 48.74; Oct. 23, 53.36.

14-16-17cb. (MB C) J. M. Schippers. Dug stock water-table well in alluvium, diameter 5 feet, depth 24 feet, cribbed with stone. Measuring point, top of board platform, which is 0.90 foot above lsd. Highest water level 15.22 below lsd, July 27, 1951; lowest 21.58 below lsd, Oct. 15, 1956. Records available: 1946-56. Jan. 9, 20.30; June 8, 20.45; Oct. 15, 21.58.

14-16-36bc. (MB C) Tony Wagner. Dug stock and observation water-table well in sand, diameter 4 feet, depth 29 feet, cribbed with stone. Measuring point, top edge of board platform south side, which is 1.50 feet above lsd. Highest water level 14.50 below lsd, Oct. 26, 1951; lowest 23.40 below lsd, Dec. 9, 1952. Records available: 1946-52, 1955-56. Jan. 9, 20.05; June 8, 20.32; Oct. 15, 20.06.

14-18-12bb. (MB C) J. Brull. Dug domestic and stock water-table well in sand, diameter 4 feet, depth 31 feet, cribbed with stone. Measuring point, top of stone platform, which is 0.40 foot above lsd. Highest water level 19.90

below lsd, Dec. 26, 1951; lowest 27.15 below lsd, July 30, 1946. Records available: 1946-56. Jan. 9, 22.20; June 8, 23.98; Oct. 15, 24.20.

14-18-26aa. (MB C) F. J. Befort. Dug domestic and stock water-table well in deposits of Pleistocene age, diameter 4 feet, depth 24 feet, cribbed with stone. Measuring point, top edge of manhole west side, which is 1.00 foot above lsd. Highest water level 14.60 below lsd, July 27, 1951; lowest 20.85 below lsd, Jan. 8, 1948. Records available: 1946-54. Measurement discontinued.

14-19-31cc. (MB) U.S.G.S. Drilled well in terrace deposits, diameter 1¼ inches. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 29.98 below lsd, June 10, 1952; lowest 33.95 below lsd, Oct. 15, 1956. Records available: 1949-52, 1954-56. Jan. 9, 33.25; June 8, 33.60; Oct. 15, 33.95.

14-20-32dd. (MB) U.S.G.S. Jetted well in terrace deposits, diameter ¾ inch, depth 26 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 20.13 below lsd, July 26, 1951; lowest 23.41 below lsd, Oct. 15, 1956. Records available: 1950-56. Jan. 19, 23.05; June 8, 23.32; Oct. 15, 23.41.

15-16-6dd. (MB C) Ted Thalen. Dug domestic and stock water-table well in alluvium, diameter 4½ feet, depth 30 feet, cribbed with stone. Measuring point, top of 2×4 at manhole north side, which is 0.40 foot above lsd. Highest water level 18.12 below lsd, Aug. 27, 1951; lowest 24.33 below lsd, Aug. 9, 1946. Records available: 1946-56. Jan. 9, 22.25; June 8, 22.86; Oct. 15, 22.97.

15-16-13bb. (MB C) Ethel M. Witt. Dug domestic and stock water-table well in sand, diameter 4 feet, depth 17 feet, cribbed with stone. Measuring point, top edge of platform east side, which is 0.80 foot above lsd. Highest water level 13.29 below lsd, Aug. 27, 1951; lowest 14.85 below lsd, July 17, 1946. Records available: 1946-52, 1955-56. Jan. 9, 14.76; June 8, 14.81; Oct. 15, 14.72.

15-18-1bb. (MB C) Mat Rohr. Dug stock and observation water-table well in deposits of Pleistocene age, diameter 24 inches, depth 33 feet, cribbed with stone. Measuring point, top edge of pump base south side, which is 0.50 foot above lsd. Highest water level 13.82 below lsd, June 10, 1952; lowest 28.22 below lsd, July 24, 1946. Records available: 1946-56. Jan. 9, 19.58; June 8, 20.44; Oct. 15, 18.58.

15-18-16bb. (MB C) T. W. Wolf. Dug domestic and stock water-table well in sand, diameter 40 inches, depth 16 feet, cribbed with stone. Measuring point, top edge of curb east side, which is 2.50 feet above lsd. Highest water level 1.17 below lsd, May 15, 1951; lowest 10.28 below lsd, Oct. 15, 1956. Records available: 1946-56. Jan. 9, 6.96; June 8, 8.57; Oct. 15, 10.28.

15-18-27cb. (MB) U.S.G.S. Drilled well in terrace deposits, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 8.27 below lsd, Feb. 28, 1952; lowest 12.90 below lsd, Oct. 15, 1956. Records available: 1949-56. Jan. 9, 10.24; June 8, 11.89; Oct. 15, 12.90.

15-19-6aa. (MB) Aug. Leiker. Drilled well in gravel and terrace deposits, diameter 6 inches, depth 55 feet. Measuring point, 4.00 feet below lsd. Highest water level 50.86 below lsd, Sept. 10, 1952; lowest 56.00 below lsd, Dec. 9,

1952. Records available: 1946-52, 1954-56. Jan. 9, 55.55; June 8, 55.63; Oct. 15, 55.69.

15-19-9cc. (MB) U.S.G.S. Drilled well in gravel and terrace deposits, diameter $1\frac{1}{4}$ inches. Measuring point, top of pipe, which is 2.90 feet above lsd. Highest water level 33.01 below lsd, Oct. 24, 1949; lowest dry, June 4, 1951. Records available: 1949-56. Jan. 19, 35.47; June 8, 35.54; Oct. 15, 35.63.

15-19-15dd. (MB) U.S.G.S. Drilled well in gravel and terrace deposits, diameter $1\frac{1}{4}$ inches, depth 52 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 23.87 below lsd, Oct. 26, 1951; lowest 26.10 below lsd, Dec. 9, 1952. Records available: 1949-56. Jan. 9, 25.38; June 8, 25.43; Oct. 15, 25.57.

15-20-1bb. (MB) U.S.G.S. Jetted well in sand and terrace deposits, diameter $\frac{3}{4}$ inch, depth 26 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 20.40 below lsd, Oct. 26, 1951; lowest dry, Mar. 15, June 4, July 26, 1951. Records available: 1950-53, 1955-56. Jan. 9, 23.81.

15-20-12aa. (MB) U.S.G.S. Drilled well in gravel and terrace deposits. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 37.00 below lsd, Feb. 28, 1952; lowest 39.31 below lsd, Mar. 16, 1950. Records available: 1949-56. Jan. 9, 38.63; June 8, 38.75; Oct. 15, 38.94.

ELLSWORTH COUNTY

16-6-35bdd. (MB) U.S.G.S. Jetted well in gravel and terrace deposits, diameter $\frac{3}{4}$ inch, depth 27 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 15.18 below lsd, Oct. 1, 1951; lowest 24.31 below lsd, Aug. 20, 1951. Records available: 1950-56. Jan. 4, 20.70; May 11, 20.74; Aug. 1, 21.00; Sept. 7, 21.03; Dec. 18, 21.05.

FINNEY COUNTY

1. (C) Mrs. A. M. Reid. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 24 S., R. 33 W. Drilled observation water-table well, diameter 15 inches, depth 21 feet. Measuring point, 0.40 foot above lsd. Highest water level 1.05 below lsd, June 29, 1951; lowest 17.23 below lsd, Nov. 5, 10, 1956. Records available: 1936-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.28	.....	12.66	12.66	12.91	13.99	.....	.....	.....	.....	17.23	17.02
10	13.26	.....	12.64	12.65	12.96	14.18	.....	.....	.....	17.00	17.23	16.97
15	12.75	.....	12.65	12.67	13.14	14.32	.....	.....	.....	16.71	17.18	16.92
20	12.88	.....	12.58	12.65	13.00	14.46	.....	.....	.....	16.95	17.15	16.87
25	12.95	.....	12.58	12.66	13.42	14.54	.....	.....	.....	17.08	17.11	16.87
30	12.98	.....	12.58	12.78	13.71	.....	.....	.....	.....	17.15	17.07	16.83

5. (C) E. Alberta Reeves. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 21 S., R. 32 W. Drilled unused water-table well in deposits of Pleistocene age, diameter 6 inches, depth 32 feet. Measuring point, hole drilled in pump base east side, which is 0.40 foot above lsd. Highest water level 15.30 below lsd, Aug. 14, 1951; lowest 22.57 below lsd, Nov. 19, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	20.04	May 8	20.60	Aug. 6	21.47	Nov. 19	22.57
Mar. 22	20.40	June 12	20.95	Sept. 12	21.90	Dec. 17	21.73
Apr. 24	20.55	July 11	21.16	Oct. 11	21.83		

6. (C) T. A. Meakel. NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 21 S., R. 29 W. Drilled unused water-table well in alluvium, diameter 8 inches, depth 26 feet. Measuring point, top of casing east side, which is 2.00 feet above lsd. Highest water level 11.72 below lsd, Feb. 27, 1952; lowest 20.82 below lsd, June 22, 1946. Records available: 1939-56. Jan. 19, 19.02; Feb. 15, 19.09; Oct. 16, 20.78; Nov. 28, 20.35; Dec. 10, 20.32.

8. (C) O. G. Reeve. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 25 S., R. 33 W. Drilled unused water-table well in deposits of Pleistocene age, diameter 6 inches, depth 83 feet. Measuring point, top of casing south side, which is 1.50 feet above lsd. Highest water level 70.47 below lsd, Nov. 28, 1956; lowest 75.25 below lsd, June 21, 1940. Records available: 1939-56. Feb. 27, 72.84; May 21, 72.95; Nov. 28, 70.47.

13. (C) Edwin Wehrley. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 25 S., R. 31 W. Dug unused water-table well in sand and gravel, diameter 24 inches, depth 6 feet. Measuring point, top of casing east side, which is 1.00 foot above lsd. Highest water level 0.76 above lsd, May 5, 1942; lowest dry, Oct. 11, 1954, Aug. 15, 1955. Records available: 1939-56.

Jan. 16	3.80	Apr. 16	3.82	July 24	4.75	Oct. 22	5.12
Feb. 23	3.63	May 9	4.18	Aug. 15	5.06	Nov. 20	4.96
Mar. 14	3.87	June 13	4.62	Sept. 17	5.30	Dec. 12	4.75

26. (C) Garden City Experiment Station. SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 24 S., R. 32 W. Drilled unused water-table well in sand and gravel, diameter 26 inches, depth 196 feet. Measuring point at land surface. Highest water level 61.59 below lsd, Oct. 21, 1949; lowest 76.00 below lsd, Nov. 6, 1956. Records available: 1934, 1939-56. Jan. 19, 70.52; May 2, 73.66; Nov. 6, 76.00.

1002. (C) U.S. Army. SW $\frac{1}{4}$ sec. 27, T. 24 S., R. 31 W. Drilled industrial water-table well in Ogallala formation, diameter 16 inches, depth 295 feet. Measuring point, top of casing west side, which is 0.80 foot above lsd. Highest water level 110.26 below lsd, Nov. 9, 1953; lowest 124.59 below lsd, Nov. 20, 1956. Records available: 1942-56.

Jan. 16	113.58	Apr. 16	112.90	July 24	123.39	Oct. 22	119.88
Feb. 25	112.93	May 9	121.71	Aug. 15	126.40	Nov. 20	124.59
Mar. 14	112.49	June 13	116.59	Sept. 17	125.29	Dec. 12	116.35

21-30-5bb. (C) F. T. Carl. Drilled domestic and stock water-table well, diameter 6 inches, depth 44 feet. Measuring point, top of casing east side, which is 0.10 foot above lsd. Highest water level 26.72 below lsd, Jan. 28, 1952; lowest 28.57 below lsd, Apr. 12, 1956. Records available: 1951-56. Jan. 19, 28.39; Apr. 12, 28.57.

22-34-23da. (C) Drilled unused observation well, diameter 5 inches, depth 58 feet. Measuring point at land surface. Highest water level 40.67 below lsd, Mar. 21, 1956; lowest dry, Sept. 24, 1956. Records available: 1954-56. Mar. 21, 40.67; June 26, 50.63; Sept. 24, dry.

23-27-12cc. (C) C. R. Rixon. Drilled unused domestic and stock well, diameter 6 inches, depth 72 feet. Measuring point, at lower north edge of pump base, which is 0.50 foot above lsd. Highest water level 64.59 below lsd, Nov. 30, 1955; lowest 68.33 below lsd, Sept. 27, 1939. Records available: 1939, 1952-56. Nov. 28, 66.64.

23-33-28aa. (C) Owner unknown. Drilled unused domestic well, diameter 5 inches, depth 91 feet. Measuring point at land surface. Highest water level 29.82 below lsd, Aug. 31, 1954; lowest 37.93 below lsd, Sept. 24, 1956. Records available: 1954-56. Mar. 21, 33.70; June 26, 34.58; Sept. 24, 37.93.

FORD COUNTY

8. (C) F. H. Diehl. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 26 S., R. 25 W. Drilled irrigation water-table well in alluvium, diameter 20 inches, depth 23 feet. Measuring point, top of casing, which is 0.80 foot above lsd. Highest water level 0.86 below lsd, May 13, 1942; lowest 8.53 below lsd, Nov. 19, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16	7.23	Mar. 14	6.94	May 9	7.63	Nov. 19	8.53
Feb. 23	7.06	Apr. 16	7.43	Sept. 17	8.05		

25-22-20aa. (C) Mary Arends. Drilled cemetery well, diameter 5 $\frac{1}{2}$ inches, depth 86 feet. Measuring point, top of casing, which is 1.30 feet above lsd. Highest water level 64.78 below lsd, Apr. 14, 1953; lowest 67.75 below lsd, Oct. 18, 1951. Records available: 1939, 1951-56. Jan. 16, 65.28; Apr. 16, 65.21; July 24, 65.26; Oct. 22, 65.33.

96a. (C) Henry Hattrup. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, T. 26 S., R. 21 W. Driven observation well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 13 feet. Measuring point, 0.60 foot above lsd. Highest water level 9.11 below lsd, Jan. 16, 1956; lowest 9.98 below lsd, Oct. 22, 1956. Records available: 1956. Jan. 16, 9.11; Apr. 16, 9.15; July 24, 9.55; Oct. 22, 9.98.

1002. (C) Dept. of the Army. Cen. SE $\frac{1}{4}$ sec. 12, T. 26 S., R. 26 W. Drilled industrial water-table well in Ogallala formation, diameter 16 inches, depth 262 feet. Measuring point, top of casing north side, which is 1.09 feet above lsd. Highest water level 98.18 below lsd, Jan. 22, 1951; lowest 185.18 below lsd, Nov. 26, 1942. Records available: 1942-56.

Jan. 16	104.06	Apr. 16	106.43	July 24	105.51	Oct. 22	104.66
Feb. 23	103.92	May 9	105.84	Aug. 15	104.74	Nov. 19	106.04
Mar. 14	106.31	June 12	106.43	Sept. 17	105.99	Dec. 12	105.53

GOVE COUNTY

11-27-16aa. (C) M. E. Neher. Drilled unused stock well in Ogallala formation, diameter 5 inches, depth 132 feet. Measuring point at land surface.

Highest water level 94.08 below lsd, Aug. 4, 1953; lowest 95.40 below lsd, Aug. 27, 1956. Records available: 1952-56. Feb. 20, 94.51; May 16, 94.42; Aug. 27, 95.40; Nov. 26, 94.61.

11-29-8dd. (C) A. W. Hoover. Drilled stock well in Ogallala formation, diameter 5 inches, depth 112 feet. Measuring point, top of cement platform, which is 0.30 foot above lsd. Highest water level 99.69 below lsd, Feb. 20, 1956; lowest 101.12 below lsd, Feb. 21, 1955. Records available: 1952-56. Feb. 20, 99.69; Nov. 26, 99.92.

11-31-10aa. (C) Thos. P. Johnstone. Drilled unused observation well in Ogallala formation, diameter 5 inches, depth 97 feet. Measuring point, top of casing, which is 0.80 foot above lsd. Highest water level 88.69 below lsd, Aug. 11, 1952; lowest 91.36 below lsd, Nov. 26, 1956. Records available: 1952-56. Feb. 20, 90.70; May 16, 91.24; Aug. 27, 91.18; Nov. 26, 91.36.

14-28-29cc. (C) Public school. Drilled domestic and observation well in Niobrara chalk, diameter 5 inches, depth 44 feet. Measuring point, top of casing north side, which is 0.30 foot above lsd. Highest water level 36.13 below lsd, Aug. 27, 1956; lowest 36.49 below lsd, Nov. 26, 1956. Records available: 1956. May 3, 36.14; Aug. 27, 36.13; Nov. 26, 36.49.

14-30-5aa. (C) School well. Drilled domestic well in Niobrara chalk, diameter 5 inches, depth 48 feet. Measuring point, top of casing north side, which is 1.20 feet above lsd. Highest water level 34.96 below lsd, Nov. 26, 1956; lowest 35.02 below lsd, May 3, 1956. Records available: 1956. May 3, 35.02; Nov. 26, 34.96.

15-29-30cb. (C) Henry York. Drilled domestic well in Niobrara chalk, diameter 5 inches, depth 26 feet. Measuring point at land surface. Highest water level 21.24 below lsd, May 3, 1956; lowest 21.87 below lsd, Nov. 26, 1956. Records available: 1956. May 3, 21.24; Aug. 27, 21.77; Nov. 26, 21.87.

GRAHAM COUNTY

6-23-12ccb. (C) H. Hauser. Drilled stock well in Ogallala formation, diameter 5 inches, depth 70 feet. Measuring point, top of casing, which is 1.30 feet above lsd. Highest water level 61.90 below lsd, July 23, 1952; lowest 63.80 below lsd, Nov. 26, 1956. Records available: 1952-56. Feb. 20, 63.45; May 16, 63.38; Aug. 27, 63.54; Nov. 26, 63.80.

7-23-35ddd. (C) Chas. Stuchlik. Drilled unused observation well in Dakota and Ogallala formations, diameter 8 inches. Measuring point, top of casing, which is 0.50 foot above lsd. Highest water level 34.96 below lsd, Feb. 20, 1956; lowest 46.12 below lsd, Nov. 26, 1956. Records available: 1952-56. Feb. 20, 34.96; May 16, 46.02; Aug. 27, 43.02; Nov. 26, 46.12.

7-23-36ccd. (C) Hill City Cemetery. Dug unused well in Ogallala formation, diameter 42 inches, depth 54 feet. Measuring point, base of pump, which is 0.70 foot above lsd. Highest water level 25.68 below lsd, Aug. 4, 1953; lowest 48.18 below lsd, May 16, 1956. Records available: 1952-56. Feb. 20, 41.81; May 16, 48.18; Aug. 27, 41.15; Nov. 26, 39.39.

8-22-3dcd. (C) F. O. Dunwody. Drilled unused stock well in terrace deposits, diameter 8 inches, depth 24 feet. Measuring point, top of casing west side, which is 3.00 feet above lsd. Highest water level 13.89 below lsd, Aug. 14, 1952; lowest 17.74 below lsd, Nov. 26, 1956. Records available: 1952-56. Feb. 20, 17.58; May 16, 17.39; Aug. 27, 17.47; Nov. 26, 17.74.

10-23-14bcc. (C) J. Diebolt. Drilled unused well in Ogallala formation, diameter 4 inches, depth 40 feet. Measuring point, hole in pump base west side, which is 0.15 foot above lsd. Highest water level 29.35 below lsd, Aug. 13, 1952; lowest 32.90 below lsd, Aug. 27, 1956. Records available: 1952-56. May 16, 31.50; Aug. 27, 32.90; Nov. 26, 32.20.

GRANT COUNTY

4. (C) Flossie J. Andes. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 27 S., R. 38 W. Drilled observation well in Ogallala formation, diameter 8 inches, depth 99 feet. Measuring point, top of concrete, which is 0.70 foot above lsd. Highest water level 83.94 below lsd, Dec. 8, 1952; lowest 94.76 below lsd, Dec. 26, 1956. Records available: 1941-54, 1956. Jan. 9, 89.92; Mar. 12, 89.29; Apr. 9, 88.64; Aug. 21, 92.74; Nov. 13, 93.08; Dec. 26, 94.76.

5. (C) C. L. Jury. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 27 S., R. 37 W. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 78 feet. Measuring point, top of casing, which is 0.40 foot above lsd. Highest water level 65.53 below lsd, May 9, Nov. 28, 1951; lowest 79.44 below lsd, Aug. 21, 1956. Records available: 1941-56. Feb. 13, 67.65; May 15, 76.29; Aug. 21, 79.44; Nov. 13, 75.44.

27-35-16cb. (C) Craig Howard. Drilled unused water-table well, diameter 6 inches, depth 186 feet. Measuring point, top of casing, which is 1.00 foot above lsd. Highest water level 145.00 below lsd, Oct. 9, 1951; lowest 177.61 below lsd, May 19, 1952. Records available: 1941-42, 1951-56. Feb. 13, 174.55; Nov. 13, 176.17.

30-37-20cb. (C) J. H. Lewis. Drilled irrigation water-table well, diameter 16 inches, depth 335 feet. Measuring point, hole in pump base south side, which is 0.65 foot above lsd. Highest water level 114.40 below lsd, Aug. 8, 1941; lowest 143.09 below lsd, Nov. 13, 1956. Records available: 1941, 1952-56. Feb. 13, 131.15; Nov. 13, 143.09.

400. (C) State of Kansas. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 28 S., R. 38 W. Drilled observation water-table well in Ogallala formation, diameter 12 inches, depth 100 feet. Measuring point, 0.20 foot above lsd. Highest water level 52.70 below lsd, Feb. 28, 1945; lowest 62.29 below lsd, Oct. 10, 1956. Records available: 1944-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	59.33	59.65	60.41	61.08	61.23	61.76	62.08	62.25	61.89	61.68
10	59.25	59.78	60.55	61.08	61.27	61.79	62.11	62.29	61.79	61.66
15	59.20	59.87	60.67	61.08	61.34	61.83	62.13	62.24	61.75	61.64
20	59.20	60.03	60.73	61.08	61.46	61.84	62.17	62.21	61.75	61.62
25	59.29	60.17	60.84	61.11	61.55	61.89	62.21	62.18	61.73	61.60
30	59.45	60.26	61.00	61.19	61.67	61.96	62.23	62.11	61.70	61.59

GRAY COUNTY

3a. (C) N. A. Mans. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 28 S., R. 27 W. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 173 feet. Measuring point, hole in pump base east side, which is 0.50 foot

above lsd. Highest water level 159.26 below lsd, Dec. 4, 1956; lowest 160.71 below lsd, June 7, 1956. Records available: 1954-56. Mar. 13, 160.59; June 7, 160.71; Sept. 13, 159.44; Dec. 4, 159.26.

7. (C) P. Brietenbach and others. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 26 S., R. 29 W. Drilled unused water-table well, diameter 6 inches, depth 86 feet. Measuring point, top of west pipe clamp, which is 1.00 foot above lsd. Highest water level 64.80 below lsd, Sept. 3, 1952; lowest 77.70 below lsd, May 22, 1940. Records available: 1939-49, 1952-56. Mar. 13, 65.64; June 7, 65.76; Sept. 13, 65.85; Dec. 4, 66.27.

11. (C) J. D. Wetmore. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 29 S., R. 28 W. Drilled unused water-table well in deposits of Pleistocene age, diameter 5 inches, depth 61 feet. Measuring point, top of casing east side, which is 1.00 foot above lsd. Highest water level 47.87 below lsd, Dec. 28, 1955; lowest 59.74 below lsd, Aug. 18, 1943. Records available: 1939-56. Mar. 13, 57.33; June 7, 57.67; Sept. 13, 58.33; Dec. 4, 58.99.

25-27-36bb. (C) E. W. Bennett. Drilled unused domestic well, diameter 5 inches, depth 121 feet. Measuring point, top of casing, which is 0.50 foot above lsd. Highest water level 106.80 below lsd, Sept. 30, 1954; lowest 108.80 below lsd, Sept. 14, 1955. Records available: 1940, 1954-56. Well was pumping at times visited during 1956; no measurement made.

26-29-7cb. (C) C. M. Davis. Drilled unused stock water-table well, diameter 6 inches, depth 100 feet. Measuring point, top clamp south edge of north pipe, which is 1.00 foot above lsd. Highest water level 79.22 below lsd, Dec. 13, 1954; lowest 88.83 below lsd, Oct. 13, 1939. Records available: 1939, 1953-56. Mar. 13, 79.99; June 7, 80.58; Dec. 4, 80.28.

GREELEY COUNTY

16-41-20ba. (C) J. Howell. Drilled stock and observation water-table well in Ogallala formation, diameter 6 inches, depth 153 feet. Measuring point, top of casing, which is 0.40 foot above lsd. Highest water level 127.96 below lsd, Jan. 6, 1949; lowest 133.02 below lsd, July 20, 1949. Records available: 1947-56. Jan. 24, 130.35; Mar. 22, 130.37; May 8, 130.51; July 12, 131.04; Sept. 12, 131.45; Nov. 19, 131.86.

20-40-24aa. (C) Owner unknown. Drilled stock well in Ogallala formation, diameter 5 inches, depth 220 feet. Measuring point, base of pump west side, which is 0.80 foot above lsd. Highest water level 191.07 below lsd, Mar. 22, 1956; lowest 205.60 below lsd, Oct. 5, 1954. Records available: 1954-56. Jan. 24, 195.84; Mar. 22, 191.07; May 8, 195.02; July 12, 194.87; Sept. 12, 194.80; Nov. 19, 194.95.

HAMILTON COUNTY

2a. (C) Chester Huser. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 23 S., R. 43 W. Drilled irrigation well, diameter 40 inches, depth 29 feet. South well of a battery of three irrigation wells. Measuring point, top of concrete curb west side, which is 0.80 foot above lsd. Highest water level 11.44 below lsd, June 29, 1951; lowest 15.44 below lsd, Oct. 26, 1956. Records available: 1944-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27	14.43	Apr. 27	14.13	July 27	15.26	Nov. 30	14.84
Feb. 24	14.36	May 18	14.15	Aug. 24	14.92	Dec. 21	14.75
Mar. 23	14.40	June 22	14.71	Oct. 26	15.44		

3. (C) B. Rees. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 40 W. Dug and drilled unused water-table well in alluvium, diameter 12 inches, depth 25 feet. Measuring point, top of bolt in concrete west side, which is 0.25 foot above lsd. Highest water level 11.45 below lsd, May 31, 1951; lowest 17.29 below lsd, Sept. 21, 1956. Records available: 1939-56.

Jan. 27	15.29	Apr. 27	15.55	July 27	16.66	Oct. 26	17.10
Feb. 24	15.28	May 18	15.60	Aug. 24	17.14	Nov. 30	16.55
Mar. 23	15.54	June 22	16.41	Sept. 21	17.29	Dec. 21	16.63

6. (C) Belle Heinlen. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 24 S., R. 39 W. Drilled unused water-table well in Dakota sandstone, diameter 5 inches, depth 106 feet. Measuring point, top of casing south side, which is 1.35 feet above lsd. Highest water level 23.70 below lsd, July 27, 1951; lowest 56.40 below lsd, July 23, 1954. Records available: 1939-56.

Jan. 27	53.84	Apr. 27	54.96	July 27	55.36	Oct. 26	54.96
Feb. 24	53.55	May 18	55.37	Aug. 24	55.37	Nov. 30	54.38
Mar. 23	53.72	June 22	55.17	Sept. 21	55.63	Dec. 21	54.18

HARVEY COUNTY

101. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18, T. 23 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 75 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 33.08 below lsd, Nov. 2, 1954; lowest 38.46 below lsd, Aug. 31, 1956. Records available: 1954-56.

Jan. 3	33.95	May 1	35.05	Aug. 1	36.61	Nov. 1	36.78
	31 33.92		31 35.95		31 38.46		30 35.18
Mar. 1	34.06	July 2	35.58	Oct. 1	36.61	Dec. 31	35.01
Apr. 2	34.86						

102. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 23 S., R. 3 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 68 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 26.50 below lsd, Dec. 1, 1955; lowest 36.33 below lsd, Aug. 31, 1956. Records available: 1954-56.

Jan. 3	31.62	May 1	33.69	Aug. 1	35.45	Nov. 1	34.51
	31 31.38		31 34.70		31 36.33		30 32.24
Mar. 1	31.65	July 2	34.31	Oct. 1	35.69	Dec. 31	32.13
Apr. 2	32.95						

103. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 23 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 73 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 28.40 below lsd, Nov. 2, 1954; lowest 33.93 below lsd, Sept. 1, 1955. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	30.70	May 1	33.48	Aug. 1	33.04	Nov. 1	31.83
31	30.27	31	31.99	31	32.68	30	29.15
Mar. 1	30.60	July 2	31.97	Oct. 1	32.41	Dec. 31	29.01
Apr. 2	29.55						

104. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 23 S., R. 3 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 81 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 23.45 below lsd, Sept. 15, 1954; lowest 27.77 below lsd, Nov. 1, 1956. Records available: 1954-56.

Jan. 3	24.69	May 1	25.16	Aug. 1	26.49	Nov. 1	27.77
31	24.78	31	26.54	31	26.50	30	26.39
Mar. 1	24.77	July 2	27.24	Oct. 1	27.27	Dec. 31	26.35
Apr. 2	24.92						

105. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 23 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 60 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 23.28 below lsd, Nov. 2, 1954; lowest 31.58 below lsd, Aug. 31, 1956. Records available: 1954-56.

Jan. 3	24.64	May 1	27.44	Aug. 1	30.61	Nov. 1	28.08
31	24.29	31	28.74	31	31.58	30	25.48
Mar. 1	25.13	July 2	27.72	Oct. 1	29.53	Dec. 31	25.50
Apr. 2	26.65						

106. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 23 S., R. 3 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 62 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 24.61 below lsd, Nov. 2, 1954; lowest 27.68 below lsd, Aug. 31, 1956. Records available: 1954-56.

Jan. 3	26.19	May 1	26.71	Aug. 1	27.41	Nov. 1	27.45
31	26.05	31	26.97	31	27.68	30	27.00
Mar. 1	26.15	July 2	27.14	Oct. 1	27.52	Dec. 31	26.92
Apr. 2	26.35						

107. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 24 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 66 feet. Measuring point, top of pipe, which is 1.00 foot above

lsd. Highest water level 37.48 below lsd, Sept. 2, 1954; lowest 49.06 below lsd, Aug. 1, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	43.72	May 1	44.09	Aug. 1	49.06	Nov. 1	45.52
31	43.10	31	43.96	31	48.64	30	44.45
Mar. 1	42.25	July 2	45.84	Oct. 1	45.77	Dec. 31	44.11
Apr. 2	43.83						

108. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 38 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 10.06 below lsd, July 27, 1954; lowest 12.87 below lsd, Dec. 31, 1956. Records available: 1954-56.

Jan. 3	11.72	May 1	12.09	Aug. 1	12.28	Nov. 1	12.64
31	11.88	31	12.11	31	12.44	30	12.79
Mar. 1	11.90	July 2	12.19	Oct. 1	12.50	Dec. 31	12.87
Apr. 2	11.96						

109. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 24 S., R. 3 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 39 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 12.50 below lsd, July 27, 1954; lowest 14.95 below lsd, Dec. 31, 1956. Records available: 1954-56.

Jan. 3	13.40	May 1	13.87	Aug. 1	14.38	Nov. 1	14.71
31	13.61	31	14.08	31	14.50	30	14.78
Mar. 1	13.81	July 2	14.24	Oct. 1	14.60	Dec. 31	14.95
30	13.86						

110. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 24 S., R. 3 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 38 feet. Measuring point, top of pipe, which is 4.00 feet above lsd. Highest water level 7.98 below lsd, Jan. 31, 1956; lowest 10.20 below lsd, Dec. 31, 1956. Records available: 1954-56.

Jan. 3	8.63	May 1	9.19	Aug. 1	9.56	Nov. 1	10.01
31	7.98	31	9.28	31	9.70	30	10.11
Mar. 1	9.06	July 2	9.43	Oct. 1	9.82	Dec. 31	10.20
30	9.13						

111. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2, T. 24 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 42 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 16.36 below lsd, June 25, 1954; lowest 20.12 below lsd, Oct. 1, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	17.71	May 1	18.32	Aug. 1	19.38	Nov. 1	20.04
31	17.80	31	18.79	31	19.85	30	19.96
Mar. 1	17.72	July 2	19.09	Oct. 1	20.12	Dec. 31	19.86
Apr. 2	17.88						

112. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 24 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 40 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 20.06 below lsd, June 25, 1954; lowest 25.23 below lsd, Dec. 31, 1956. Records available: 1954-56.

Jan. 3	23.25	May 1	23.80	Aug. 1	24.38	Nov. 1	25.02
31	23.47	31	23.97	31	24.57	30	25.14
Mar. 1	23.56	July 2	24.79	Oct. 1	24.79	Dec. 31	25.23
Apr. 2	23.64						

113. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 24 S., R. 1 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 29 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 20.90 below lsd, June 28, 1954; lowest 23.78 below lsd, Dec. 31, 1956. Records available: 1954-56.

Jan. 3	22.11	May 1	22.64	Aug. 1	23.09	Nov. 1	23.68
31	22.29	31	22.83	31	23.38	30	23.68
Mar. 1	22.33	July 2	22.99	Oct. 1	23.76	Dec. 31	23.78
Apr. 2	22.47						

118. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 23 S., R. 2 W. Bored observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 15.06 below lsd, Sept. 30, 1955; lowest 19.69 below lsd, Oct. 1, 1956. Records available: 1955-56.

Jan. 3	17.03	May 1	17.30	Aug. 1	18.36	Nov. 1	18.82
31	17.14	31	17.36	31	19.16	30	18.73
Mar. 2	17.10	July 2	17.88	Oct. 1	19.69	Dec. 31	19.06
Apr. 2	17.47						

119. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 24 S., R. 1 W. Bored observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 33.70 below lsd, Sept. 30, 1955; lowest 36.76 below lsd, Oct. 1, 1956. Records available: 1955-56.

Jan. 3	34.70	May 1	34.95	Aug. 1	35.91	Nov. 1	36.69
31	34.60	31	35.37	31	36.60	30	36.63
Mar. 1	34.52	July 2	35.62	Oct. 1	36.76	Dec. 31	36.63
Apr. 2	34.55						

120. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 24 S., R. 2 W. Bored observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 40 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 20.20 below lsd, May 3, 1955; lowest 23.00 below lsd, Oct. 1, 1956. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	20.77	May 1	21.10	Aug. 1	22.02	Nov. 1	22.74
31	20.70	31	21.63	31	22.61	30	22.60
Mar. 1	20.57	July 2	21.94	Oct. 1	23.00	Dec. 31	22.58
Apr. 2	20.65						

121. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 24 S., R. 1 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 81 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 52.09 below lsd, June 30, 1955; lowest 54.18 below lsd, May 31, 1956. Records available: 1955-56.

Jan. 3	53.54	May 1	53.74	Aug. 1	52.99	Nov. 1	52.98
31	53.37	31	54.18	31	53.74	30	53.95
Mar. 1	53.13	July 2	52.91	Oct. 1	52.78	Dec. 31	54.09
Apr. 2	53.17						

122. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18, T. 24 S., R. 1 W. Bored observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 42 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 14.95 below lsd, Sept. 30, 1955; lowest 23.01 below lsd, Oct. 1, 1956. Records available: 1955-56.

Jan. 3	21.14	May 1	21.50	Aug. 1	22.37	Nov. 1	22.42
31	20.95	31	20.77	31	22.77	30	22.10
Mar. 1	20.81	July 2	22.13	Oct. 1	23.01	Dec. 31	22.43
Apr. 2	21.03						

123. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 24 S., R. 1 W. Bored observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 43 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 24.72 below lsd, Dec. 1, 1955; lowest 38.54 below lsd, Dec. 31, 1956. Records available: 1955-56.

Jan. 3	35.74	May 1	36.18	Aug. 1	36.85	Nov. 1	37.80
31	35.50	31	36.42	31	37.33	30	37.60
Mar. 1	35.48	July 2	36.72	Oct. 1	38.29	Dec. 31	38.54
Apr. 2	35.60						

506. (C) W. G. Backhaus. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 28, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 6 inches, depth 139 feet. Measuring point, 3.10 feet above lsd. Highest water level 1.71 below lsd, July 16, 1951; lowest 21.70 below lsd, Oct. 15, 1956. Records available: 1938-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.81	17.36	17.58	18.65	18.23	18.81	19.19	20.64	21.12	21.13	19.78	19.03
10	18.00	17.37	17.67	18.27	18.28	18.83	18.78	20.71	.....	20.93	19.60	19.05
15	18.22	17.48	.....	18.53	18.71	18.72	19.12	20.73	21.19	21.70	19.41	19.03
20	17.63	17.43	18.06	18.64	19.46	18.73	20.90	20.76	21.18	20.50	19.33	19.01
25	17.50	17.41	18.04	18.72	19.43	19.24	20.02	20.85	21.16	20.14	19.21	18.83
30	17.47	.....	18.19	18.62	19.59	19.23	20.12	20.96	.....	19.97	19.10	.....

507. (C) W. G. Backhaus. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 28, T. 23 S., R. 2 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 44 feet. Measuring point, plate on instrument shelf, which is 3.10 feet above lsd. Highest water level 3.23 below lsd, May 6, 1944; lowest 21.32 below lsd, Aug. 31, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	15.73	May 1	17.84	Aug. 1	20.62	Nov. 1	18.44
31	14.80	31	18.42	31	21.32	30	16.69
Mar. 2	16.70	July 2	19.43	Oct. 1	19.02	Dec. 31	16.93
Apr. 3	17.72						

736. (C) I. Ansel, Jr. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, T. 23 S., R. 3 W. Driven observation and domestic water-table well in dune sand, diameter 1 $\frac{1}{4}$ inches, depth 33 feet. Measuring point, base of pitcher pump, which is 4.70 feet above lsd. Highest water level 3.60 below lsd, July 1, 1952; lowest 12.81 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	11.89	July 2	12.26	Aug. 31	12.28	Dec. 31	12.81
Apr. 2	12.08	Aug. 1	12.06	Oct. 1	12.31		

817. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 24 S., R. 2 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 1.88 below lsd, Aug. 1, 1951; lowest 21.46 below lsd, Oct. 1, 1956. Records available: 1938-56.

Jan. 3	18.77	May 1	18.80	Aug. 1	20.60	Nov. 1	21.02
31	18.82	31	19.38	31	21.07	30	20.63
Mar. 1	18.74	July 2	20.09	Oct. 1	21.46	Dec. 31	20.55
Apr. 2	18.77						

821. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 24 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 12.03 below lsd, Aug. 21, 1939; lowest 29.67 below lsd, Nov. 1, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	29.03	May 1	28.94	Aug. 1	29.48	Nov. 1	29.67
	31 28.85		31 29.10		31 29.63		30 29.66
Mar. 1	28.77	July 2	29.36	Oct. 1	29.59	Dec. 31	29.51
Apr. 2	28.69						

824. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 24 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 42 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 3.60 below lsd, June 1, 1951; lowest 19.87 below lsd, Oct. 1, 1956. Records available: 1938-56.

Jan. 3	16.87	May 1	16.98	Aug. 1	14.17	Nov. 1	19.79
	31 16.80		31 17.46		31 15.25		30 19.30
Mar. 2	16.64	July 2	18.11	Oct. 1	19.87	Dec. 31	18.94
Apr. 2	16.48						

831. (C) City of Wichita. NE cor. sec. 19, T. 24 S., R. 1 W. Driven observation well, diameter 1 $\frac{1}{4}$ inches, depth 41 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 11.53 below lsd, May 4, 1945; lowest 22.75 below lsd, Dec. 31, 1956. Records available: 1939-49, 1956. Nov. 1, 22.54; Nov. 29, 22.63; Dec. 31, 22.75.

832. (C) City of Wichita. NE cor. sec. 19, T. 24 S., R. 1 W. Drilled observation well, diameter 1 $\frac{1}{4}$ inches, depth 129 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 12.41 below lsd, May 4, 1945; lowest 24.85 below lsd, Dec. 31, 1956. Records available: 1938-49, 1955-56.

Jan. 3	22.46	May 1	22.90	Aug. 1	23.62	Nov. 1	23.04
	31 22.50		31 23.19		31 23.95		30 23.99
Mar. 2	22.45	July 2	23.46	Oct. 1	24.60	Dec. 31	24.85
Apr. 2	22.56						

833. (C) T. B. Burrows. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 24 S., R. 1 W. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 57 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 5.11 below lsd, Oct. 2, 1945; lowest 25.07 below lsd, Dec. 31, 1956. Records available: 1938-56.

Jan. 3	23.17	May 1	23.76	Aug. 1	24.31	Nov. 1	23.73
	31 23.29		31 23.94		31 24.62		30 24.95
Mar. 2	23.35	July 2	24.17	Oct. 1	24.75	Dec. 31	25.07
Apr. 2	23.47						

839. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 10.62 below lsd, Aug. 21, 1939; lowest 32.00 below lsd, Nov. 30, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	30.11	May 1	31.74	Aug. 1	31.36	Nov. 1	31.97
	31 30.37		31 30.85		31 31.61		30 32.00
Mar. 2	30.42	July 2	31.15	Oct. 1	31.76	Dec. 31	31.99
Apr. 2	30.50						

853. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 13, T. 24 S., R. 2 W. Drilled observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 5.82 below lsd, Oct. 2, 1951; lowest 21.85 below lsd, Oct. 1, 1956. Records available: 1938-56.

Jan. 3	19.30	May 1	20.05	Aug. 1	21.12	Nov. 1	21.57
	31 19.46		31 20.31		31 21.55		30 21.60
Mar. 2	19.40	July 2	20.70	Oct. 1	21.85	Dec. 31	21.73
Apr. 2	19.73						

854. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 5.13 below lsd, Aug. 1, 1951; lowest 17.27 below lsd, Nov. 30, Dec. 31, 1956. Records available: 1938-56.

Jan. 3	15.45	May 1	15.85	Aug. 1	16.45	Nov. 1	17.19
	31 15.67		31 16.02		31 16.90		30 17.27
Mar. 2	15.53	July 2	16.23	Oct. 1	17.12	Dec. 31	17.27
Apr. 2	15.70						

873. (C) City of Wichita. D. C. Buller, owner of property. SE cor. sec. 31, T. 23 S., R. 2 W. Drilled observation well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 60 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 10.49 below lsd, Apr. 29, 1943; lowest 40.78 below lsd, Sept. 30, 1955. Records available: 1939-49, 1954-56.

Jan. 3	38.97	Aug. 1	39.12	Oct. 1	39.79	Nov. 30	39.36
Apr. 2	38.23		31 39.29	Nov. 1	39.60	Dec. 31	39.01
July 2	39.63						

874. (C) City of Wichita. D. C. Buller, owner of property. SE cor. sec. 31, T. 23 S., R. 2 W. Drilled observation well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 201 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 20.04 below lsd, May 27, 1940; lowest 51.35 below lsd, Aug. 1, 1956. Records available: 1939-49, 1954-56.

Jan. 3	49.86	Aug. 1	51.35	Oct. 1	49.80	Nov. 30	48.49
Apr. 2	50.10		31 46.97	Nov. 1	45.12	Dec. 31	48.84
July 2	51.00						

875. (C) A. B. Havely. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 23 S., R. 3 W. Driven obser-

vation water-table well in sand and gravel, diameter 1¼ inches, depth 13 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest water level 0.14 above lsd, May 1, 1952; lowest 8.78 below lsd, Oct. 31, 1955. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	7.64	May 1	7.88	Aug. 1	8.46	Nov. 1	8.64
31	7.68	31	7.96	31	8.72	30	8.65
Mar. 2	7.58	July 2	8.25	Oct. 1	8.71	Dec. 31	8.49
Apr. 2	8.63						

876. (C) A. B. Havely. SE¼ SE¼ sec. 17, T. 23 S., R. 3 W. Drilled observation water-table well in sand and gravel, diameter 1¼ inches, depth 246 feet. Measuring point, top of instrument shelf, which is 2.70 feet above lsd. Highest water level 21.55 below lsd, Sept. 7, 1951; lowest 32.64 below lsd, Dec. 31, 1956. Records available: 1939-56.

Jan. 3	31.10	May 1	31.35	Aug. 1	31.80	Nov. 1	31.58
Mar. 2	31.18	31	31.47	31	32.18	30	32.63
Apr. 2	31.20	July 2	31.67	Oct. 1	32.42	Dec. 31	32.64

877. (C) A. B. Havely. SE¼ SE¼ sec. 17, T. 23 S., R. 3 W. Drilled observation water-table well in sand and gravel, diameter 6 inches, depth 47 feet. Measuring point, 3.40 feet above lsd. Highest water level 9.95 below lsd, May 6, 1945; lowest 19.21 below lsd, Sept. 5, Oct. 5, 1956. Records available: 1939-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.71	17.94	18.05	18.21	18.31	18.39	18.52	19.21	19.21	18.87	18.83
10	17.72	17.95	18.07	18.22	18.34	18.40	18.60	19.20	.....	18.87	18.86
15	17.74	17.97	18.12	18.25	18.34	18.42	18.67	19.14	.....	18.87	18.85
20	17.78	17.98	18.17	18.25	18.39	18.46	18.73	.....	.....	18.85	18.87
25	17.74	18.01	18.17	18.26	18.39	18.47	18.70	.....	.....	18.85	18.90
30	18.01	18.17	18.26	18.43	18.50	18.72	.....	.....	18.83	18.87

878. (C) C. Cadwell. SE¼ SE¼ sec. 1, T. 24 S., R. 3 W. Driven observation water-table well in sand and gravel, diameter 1¼ inches, depth 45 feet. Measuring point, top of pipe, which is 0.30 foot above lsd. Highest water level 16.25 below lsd, June 3, 1940; lowest 34.93 below lsd, Dec. 2, 1953. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	33.87	May 1	33.84	Aug. 1	34.08	Nov. 1	34.48
31	33.85	31	33.89	31	34.26	29	34.60
Mar. 2	34.83	July 2	34.00	Oct. 1	34.34	Dec. 31	34.68

879. (C) C. Cadwell. SE¼ SE¼ sec. 1, T. 24 S., R. 3 W. Drilled observa-

tion water-table well in sand, diameter 1¼ inches, depth 241 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 17.52 below lsd, May 27, June 3, 1940; lowest 38.29 below lsd, Nov. 29, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	37.02	May 1	37.07	Aug. 1	37.60	Nov. 1	38.15
31	36.96	31	37.18	31	37.99	29	38.29
Mar. 2	37.03	July 2	37.53	Oct. 1	37.83	Dec. 31	38.01
Apr. 2	37.10						

880. (C) Peter Miller. SE¼ SE¼ sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel, diameter 1¼ inches. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 2.56 below lsd, Sept. 30, 1945; lowest dry, Aug. 1, Sept. 1, 30, 1955, Mar. 2, Apr. 2, May 1, 1956. Records available: 1938-56.

Jan. 3	12.54	May 1	(b)	Aug. 1	13.58	Nov. 1	13.98
Mar. 2	(b)	31	13.41	31	13.68	29	14.03
Apr. 2	(b)	July 2	13.48	Oct. 1	13.80	Dec. 31	14.14

(b) dry

881. (C) Peter Miller. SE¼ SE¼ sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 3.23 below lsd, Sept. 30, 1945; lowest 14.52 below lsd, Dec. 31, 1956. Records available: 1938-56.

Jan. 3	13.10	May 1	13.63	Aug. 1	14.02	Nov. 1	14.29
31	12.67	31	13.73	31	14.08	29	14.33
Mar. 2	13.41	July 2	13.82	Oct. 1	14.16	Dec. 31	14.52
Apr. 2	13.53						

883. (C) Maggie Holle. NW¼ NW¼ sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1¼ inches, depth 38 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 13.35 below lsd, Aug. 21, 1939; lowest 33.33 below lsd, May 31, 1955. Records available: 1939-55. Measurement discontinued.

884. (C) Maggie Holle. NW¼ NW¼ sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1¼ inches, depth 60 feet. Measuring point, top of pipe, which is 0.60 foot above lsd. Highest water level 13.34 below lsd, Aug. 21, 1939; lowest 37.83 below lsd, Nov. 29, 1956. Records available: 1939-56.

Jan. 3	33.37	May 1	35.02	Aug. 1	36.53	Nov. 1	37.08
31	33.43	31	36.03	31	36.89	29	37.83
Mar. 2	33.52	July 2	34.39	Oct. 1	37.59	Dec. 31	36.23
Apr. 2	35.80						

885. (C) Maggie Holle. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 99 feet. Measuring point, top of pipe, which is 0.60 foot above lsd. Highest water level 13.22 below lsd, Aug. 21, 1939; lowest 39.27 below lsd, Nov. 30, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	34.76	May 1	36.80	Aug. 1	37.99	Nov. 1	38.67
	31 34.23		31 37.59		31 38.41		30 39.27
Mar. 2	34.06	July 2	34.45	Oct. 1	39.14	Dec. 31	35.89
Apr. 2	35.93						

886. (C) F. H. Haiber. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 57 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 2.34 below lsd, Apr. 21, 1939; lowest 31.86 below lsd, Aug. 1, 1956. Records available: 1939-56.

Jan. 25	29.66	Apr. 26	30.24	July 25	31.28	Oct. 25	30.41
	31 28.82	May 1	28.81	Aug. 1	31.86	Nov. 1	31.43
Feb. 25	28.53		26 30.25		25 31.73		26 30.92
Mar. 2	28.48		31 29.71		31 31.54		30 30.54
	26 28.30	June 25	30.44	Sept. 25	30.60	Dec. 28	29.98
Apr. 2	29.30	July 2	30.47	Oct. 1	31.19	31	30.14

887. (C) F. H. Haiber. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 111 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 2.72 below lsd, May 27, 1940; lowest 33.33 below lsd, Aug. 1, 1956. Records available: 1939-56.

Jan. 3	29.36	May 1	29.40	Aug. 1	33.33	Nov. 1	32.47
	31 29.62		31 30.56		31 32.66		30 31.14
Mar. 2	29.30	July 2	31.35	Oct. 1	32.05	Dec. 31	30.74
Apr. 2	30.29						

888. (C) C. K. Ellis. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 23 S., R. 2 W. Drilled observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 12 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 0.35 below lsd, Nov. 7, 1951; lowest dry, Feb. 1, Dec. 1, 1955, and 11 months of 1956. Records available: 1939-56. Measurement discontinued.

Jan. 3	(b)	Apr. 2	(b)	July 2	(b)	Nov. 1	(b)
	31 (b)	May 1	(b)	Aug. 31	(b)		
Mar. 2	(b)		31 (b)	Oct. 1	(b)		

(b) dry

889. (C) C. K. Ellis. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 23 S., R. 2 W. Drilled observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 151 feet. Measur-

ing point, top of pipe, which is 1.00 foot above lsd. Highest water level 0.62 below lsd, Aug. 1, 1951; lowest 16.35, Aug. 31, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	10.95	May 1	12.66	Aug. 1	14.91	Nov. 1	13.89
31	10.88	31	13.60	31	16.35	30	12.22
Mar. 2	11.42	July 2	12.70	Oct. 1	14.53	Dec. 31	12.06
Apr. 2	12.10						

890a. (C) J. F. Jorgenson. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 24 S., R. 3 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 15 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 6.98 below lsd, Feb. 1, 1954; lowest 9.94 below lsd, Nov. 1, 1956. Records available: 1954-56.

Jan. 3	8.25	May 1	8.50	Aug. 1	9.49	Nov. 1	9.94
31	8.26	31	8.79	31	9.83	30	9.70
Mar. 2	8.22	July 2	9.28	Oct. 1	9.91	Dec. 31	9.70
30	8.34	4	9.26				

891. (C) Arthur McMurry. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 24 S., R. 3 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 7 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 0.46 below lsd, May 11, 1942; lowest dry, July 2, Aug. 31, Oct. 1, 1956. Records available: 1939-56. Measurement discontinued.

Jan. 3	3.99	Mar. 30	4.10	May 31	4.46	Aug. 31	(b)
31	4.04	May 1	4.27	July 2	(b)	Oct. 1	(b)
Mar. 2	3.96						

(b) dry

892. (C) Arthur McMurry. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 106 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 1.15 above lsd, May 12, 1944; lowest 5.88 below lsd, Oct. 1, 1956. Records available: 1939-56.

Jan. 3	3.42	May 1	3.62	Aug. 1	4.99	Nov. 1	5.25
31	3.41	31	3.91	31	5.37	29	4.97
Mar. 1	3.29	July 2	4.52	Oct. 1	5.88	Dec. 31	4.75
30	3.45						

893. (C) Arthur McMurry. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 31, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 163 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 0.48 above lsd, July 9, 1951; lowest 5.42 below lsd, Oct. 1, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	3.22	May 1	3.33	Aug. 1	4.41	Nov. 1	5.15
31	3.26	31	3.58	31	4.87	29	4.80
Mar. 2	3.11	July 2	3.99	Oct. 1	5.42	Dec. 31	4.61
30	3.20						

894. (C) H. A. Lawrence. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 59 feet. Measuring point, top of pipe, which is 3.10 feet above lsd. Highest water level 9.56 below lsd, May 27, 1940; lowest 34.00 below lsd, Nov. 29, 1956. Records available: 1938-56.

Jan. 3	32.32	May 1	32.31	Aug. 1	33.28	Nov. 1	33.70
31	32.35	31	32.70	31	33.63	29	34.00
Mar. 1	32.20	July 2	32.95	Oct. 1	33.64	Dec. 31	28.09
Apr. 2	32.32						

1053-B. (C) J. H. Workentine. SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 23 S., R. 3 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 38 feet. Measuring point, top of 1 $\frac{1}{4}$ -inch union, which is 0.30 foot above lsd. Highest water level 6.67 below lsd, July 9, 1951; lowest 19.41 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	17.99	July 2	18.09	Aug. 31	18.82	Dec. 31	19.41
Apr. 2	17.98	Aug. 1	18.49	Oct. 1	19.22		

1173. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 26 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 10.64 below lsd, July 9, 1951; lowest 23.78 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	22.39	July 2	23.03	Aug. 31	23.37	Dec. 31	23.78
Apr. 2	22.66	Aug. 1	23.12	Oct. 1	23.34		

1174. (C) City of Wichita. SW cor. SW $\frac{1}{4}$ sec. 32, T. 24 S., R. 1 W. Observation well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 2.28 below lsd, May 1, 1945; lowest 22.49 below lsd, Dec. 31, 1956. Records available: 1940-49, 1954-56.

Jan. 31	20.90	May 1	21.19	Aug. 1	21.67	Nov. 1	22.27
Mar. 1	21.05	31	21.37	31	21.91	30	22.37
Apr. 2	21.07	July 2	21.56	Oct. 1	22.08	Dec. 31	22.49

1175. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 24 S., R. 1 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 1.50 feet above lsd.

Highest water level 3.80 below lsd, July 9, 1951; lowest 20.36 below lsd, Dec. 31, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	18.54	Aug. 1	19.63	Oct. 1	20.20	Nov. 30	20.27
Apr. 2	18.93	31	19.85	Nov. 1	20.01	Dec. 31	20.36
July 2	19.54						

1179. (C) City of Wichita. SE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T. 24 S., R. 1 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 8.25 below lsd, Oct. 2, 1951; lowest 21.76 below lsd, Oct. 1, 1956. Records available: 1950-56.

Jan. 3	18.88	July 2	20.95	Aug. 31	21.59	Dec. 31	20.83
Apr. 2	19.03	Aug. 1	21.18	Oct. 1	21.76		

1186. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 21 feet until July, 1954, then drilled to a depth of 37 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 5.25 below lsd, Sept. 7, 1951; lowest 24.43 below lsd, Dec. 31, 1956. Records available: 1941-56.

Jan. 3	21.79	Apr. 2	22.36	July 2	23.23	Nov. 1	24.29
31	22.07	May 1	22.67	Aug. 1	23.56	30	24.33
Mar. 1	22.19	31	22.87	31	24.07	Dec. 31	24.43

1187. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 24 S., R. 1 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 39 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 2.30 below lsd, July 9, 1951; lowest 20.74 below lsd, Aug. 1, 1956. Records available: 1941-56.

Jan. 3	17.83	May 1	18.52	Aug. 1	20.74	Nov. 1	19.24
31	17.08	31	19.01	31	20.08	30	19.00
Mar. 1	16.79	July 2	19.52	Oct. 1	20.26	Dec. 31	20.48
Apr. 2	17.40						

1189. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 6.50 below lsd, Apr. 26, 1942; lowest 27.23 below lsd, Dec. 31, 1956. Records available: 1941-46, 1949-56.

Jan. 3	24.74	July 2	26.42	Aug. 31	27.03	Dec. 31	27.23
Apr. 2	25.74	Aug. 1	26.73	Oct. 1	27.05		

1190. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 24 S., R. 2 W. Driven ob-

ervation water-table well in sand and gravel, diameter $1\frac{1}{4}$ inches. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 14.14 below lsd, July 9, 1951; lowest 32.58 below lsd, Dec. 31, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	30.08	May 1	30.61	Aug. 1	31.37	Nov. 1	32.30
31	30.25	31	30.89	31	31.80	30	32.46
Mar. 1	30.30	July 2	31.10	Oct. 1	32.11	Dec. 31	32.58
Apr. 1	30.40						

1191. (C) City of Wichita. SW $\frac{1}{4}$ sec. 27, T. 23 S., R. 2 W. Driven observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 27 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 10.09 below lsd, Oct. 4, 1950; lowest 19.63 below lsd, Aug. 31, 1956. Records available: 1950-56.

Jan. 3	16.74	July 2	18.04	Aug. 31	19.63	Dec. 31	17.35
Apr. 2	17.30	Aug. 1	18.88	Oct. 1	19.53		

1193. (C) J. W. McElwain. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 23 S., R. 3 W. Driven stock and observation water-table well in sand, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, bottom valve seat of pump, which is 2.35 feet above lsd. Highest water level 2.64 below lsd, Apr. 1, 1952; lowest 11.68 below lsd, June 28, 1950. Records available: 1950-56.

Jan. 3	9.62	July 2	10.01	Aug. 31	10.25	Nov. 30	10.31
Apr. 2	9.76	Aug. 1	10.10	Oct. 1	10.18	Dec. 31	10.32

1194. (C) Byron Wood. NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 23 S., R. 3 W. Driven observation water-table well in sand, diameter $1\frac{1}{4}$ inches, depth 21 feet. Measuring point, bottom valve seat of pump, which is 2.19 feet above lsd. Highest water level 2.14 below lsd, Mar. 31, 1952; lowest 12.67 below lsd, Aug. 1, 1956. Records available: 1941, 1950, 1952-56.

Jan. 3	11.28	Aug. 1	12.67	Oct. 1	11.92	Nov. 30	12.11
Apr. 2	11.66	31	11.89	Nov. 1	12.03	Dec. 31	12.21
July 2	11.76						

1196. (C) Maggie Vollwieder. SE cor. sec. 27, T. 24 S., R. 3 W. Driven stock water-table well in Pleistocene sand and gravel, diameter $1\frac{1}{4}$ inches, depth 19 feet. Measuring point, lower check valve, which is 2.10 feet above lsd. Highest water level 2.17 below lsd, June 3, 1952; lowest 7.86 below lsd, Dec. 28, 1956. Records available: 1941, 1952-56.

Jan. 3	6.28	May 1	6.45	Aug. 1	7.09	Nov. 1	7.57
31	6.34	31	6.61	31	7.37	30	7.71
Mar. 1	6.34	July 2	7.85	Oct. 1	7.55	Dec. 28	7.86
30	6.38						

2072. (C) Peter Hoops and others. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 3 inches, depth 46 feet. Measuring point, top of casing, which is 0.60 foot above lsd. Highest water level 27.09 below lsd, May 5, 1947; lowest 39.99 below lsd, Dec. 31, 1956. Records available: 1941-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	39.38	May 1	39.58	Aug. 1	39.75	Nov. 1	38.90
31	39.12	31	39.62	31	39.84	30	39.60
Mar. 1	39.47	July 2	39.70	Oct. 1	39.84	Dec. 31	39.99
Apr. 2	39.52						

2084. (C) Mrs. Emme Linn Webster. SE $\frac{1}{4}$ sec. 15, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 6 inches, depth 30 feet. Measuring point, top of casing, which is at land surface. Highest water level 2.79 below lsd, Oct. 2, 1951; lowest 28.74 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	25.95	May 1	26.72	Aug. 1	27.42	Nov. 1	28.31
31	26.29	31	27.02	31	27.68	30	28.55
Mar. 1	26.46	July 2	27.25	Oct. 1	28.00	Dec. 31	28.74
Apr. 2	26.63						

2088. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 37 feet. Well located in dry creek bed. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 3.90 below lsd, Apr. 28, 1944; lowest 25.46 below lsd, Dec. 31, 1956. Records available: 1944-46, 1949-56.

Jan. 3	22.77	July 2	24.67	Aug. 31	25.20	Dec. 31	25.46
Apr. 2	23.69	Aug. 1	24.94	Oct. 1	25.34		

3001. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 23 S., R. 2 W. Driven observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 19.12 below lsd, Sept. 30, 1955; lowest 30.12 below lsd, Aug. 31, 1956. Records available: 1951-56.

Jan. 3	28.74	May 1	29.19	Aug. 1	30.05	Nov. 1	29.75
31	28.28	31	29.60	31	30.12	30	29.08
Mar. 1	28.42	July 2	29.79	Oct. 1	29.74	Dec. 31	29.01
Apr. 2	28.77						

3002. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 24 S., R. 2 W. Driven observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches, depth 20 feet. Measuring point, top of pipe, which is 3.60 feet above lsd. Highest water level 0.82 above lsd, July 9, 1951; lowest 11.38 below lsd, Oct. 1, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	9.08	May 1	9.44	Aug. 1	10.31	Nov. 1	10.62
31	8.27	31	9.53	31	9.88	30	10.20
Mar. 1	8.32	July 2	9.65	Oct. 1	11.38	Dec. 31	10.27
Apr. 2	8.38						

3003. (C) City of Wichita. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32, T. 24 S., R. 2 W. Driven observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches, depth 20 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 0.67 below lsd, July 9, 1951; lowest 10.03 below lsd, Apr. 1, 1955. Records available: 1950-56.

Jan. 3	8.82	July 2	9.40	Aug. 31	9.51	Dec. 31	9.98
Apr. 2	9.12	Aug. 1	9.43	Oct. 1	8.63		

3005. (C) Sally McFarland and others. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28, T. 23 S., R. 2 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 41.32 below lsd, Jan. 3, 1952; lowest 56.10 below lsd, Sept. 1, 1955. Records available: 1951-56.

Jan. 3	48.28	May 1	51.72	Aug. 31	55.92	Nov. 30	47.87
31	45.76	31	50.89	Oct. 1	48.83	Dec. 31	50.35
Mar. 1	50.43	Aug. 1	55.18	Nov. 1	49.56		

3031. (C) City of Wichita. NE $\frac{1}{4}$ sec. 24, T. 24 S., R. 3 W. Driven observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 9.82 below lsd, Oct. 2, 1951; lowest 20.83 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	19.11	May 1	19.77	Aug. 1	20.15	Nov. 1	20.54
31	19.73	31	19.89	31	20.37	30	20.69
Mar. 1	19.49	July 2	20.03	Oct. 1	20.43	Dec. 31	20.83
Apr. 2	19.63						

3032. (C) City of Wichita. SW $\frac{1}{4}$ sec. 24, T. 24 S., R. 2 W. Driven observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches, depth 24 feet until June, 1954, then drilled to a depth of 48 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 13.03 below lsd, Nov. 7, 1951; lowest 28.50 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	26.26	May 1	26.87	Aug. 1	27.60	Nov. 1	28.38
31	26.48	31	26.53	31	27.97	30	28.42
Mar. 1	26.57	July 2	27.35	Oct. 1	28.24	Dec. 31	28.50
Apr. 2	26.67						

3033. (C) City of Wichita. SW $\frac{1}{4}$ sec. 2, T. 24 S., R. 2 W. Driven observation

water-table well in McPherson formation, diameter 1¼ inches, depth 45 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 13.77 below lsd, Aug. 1, 1951; lowest 29.70 below lsd, Oct. 1, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	26.24	May 1	27.20	Aug. 1	28.96	Nov. 1	29.09
31	26.39	31	28.01	31	29.44	30	28.94
Mar. 1	26.38	July 2	28.07	Oct. 1	29.70	Dec. 31	29.36
Apr. 2	26.67						

3035. (C) City of Wichita. SE¼ SE¼ sec. 34, T. 23 S., R. 3 W. Drilled observation water-table well in McPherson formation, diameter 1¼ inches, depth 28 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 8.16 below lsd, Nov. 1, 1950; lowest 19.55 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	12.24	July 2	18.90	Aug. 31	19.19	Dec. 31	19.55
Apr. 2	12.27	Aug. 1	19.01	Oct. 1	19.37		

3036. (C) City of Wichita. SE¼ SW¼ SE¼ sec. 23, T. 23 S., R. 3 W. Drilled observation water-table well in McPherson formation, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, which is 0.30 foot above lsd. Highest water level 13.63 below lsd, Jan. 3, 1952; lowest 33.82 below lsd, Aug. 31, 1956. Records available: 1950-56.

Jan. 3	29.01	Apr. 2	29.15	Aug. 31	33.82	Nov. 30	32.60
31	29.00	May 1	29.70	Oct. 1	33.62	Dec. 31	32.53
Mar. 1	29.08	Aug. 1	33.17	Nov. 1	33.26		

3037. (C) City of Wichita. NE¼ NW¼ NE¼ sec. 5, T. 24 S., R. 2 W. Drilled observation water-table well in McPherson formation, diameter 1¼ inches, depth 70 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 38.38 below lsd, Jan. 2, 1951; lowest 53.00 below lsd, Sept. 1, 1955. Records available: 1950-56.

Jan. 3	49.29	Apr. 2	50.21	Aug. 1	52.85	Nov. 1	50.39
31	46.60	May 31	50.44	31	51.40	30	48.26
Mar. 1	48.15	July 2	50.90	Oct. 1	47.55	Dec. 31	48.98

3038. (C) Sally McFarland and others. SE¼ SW¼ SW¼ sec. 33, T. 23 S., R. 2 W. Drilled observation water-table well in McPherson formation, diameter 1½ inches, depth 70 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 36.04 below lsd, Jan. 3, 1951; lowest 52.98 below lsd, Aug. 1, 1956. Records available: 1950-56.

Jan. 3	47.62	July 2	49.61	Aug. 31	52.39	Dec. 31	47.87
Apr. 2	48.52	Aug. 1	52.98	Oct. 1	52.18		

3039. (C) George Lehman. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 34, T. 23 S., R. 2 W. Drilled observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 0.10 above lsd, Sept. 7, 1951; lowest 18.66 below lsd, Aug. 31, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	15.85	Apr. 2	16.18	Aug. 1	17.95	Nov. 1	18.37
	31 15.83	May 31	16.84		31 18.66		30 18.08
Mar. 1	15.73	July 2	17.16	Oct. 1	18.55	Dec. 31	18.05

M-1. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 222 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 18.56 below lsd, Apr. 13, 1939; lowest 107.00 below lsd, Aug. 2, Sept. 1, 1954. Records available: 1939-56.

Feb. 1	100.00	May 1	42.00	Aug. 1	99.00	Nov. 1	97.00
Mar. 1	36.00	June 1	44.00		31 98.00		30 35.00
Apr. 2	98.50	July 2	99.00	Oct. 1	101.00	Dec. 31	36.00

M-1a. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 71 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 17.47 below lsd, June 3, 1940; lowest 43.00 below lsd, Oct. 1, 1956. Records available: 1939-56.

Feb. 1	38.15	May 1	28.81	Aug. 1	42.97	Nov. 1	40.70
Mar. 1	33.61	June 1	40.06		31 42.72		30 32.37
Apr. 2	38.96	July 2	42.98	Oct. 1	43.00	Dec. 31	33.12

M-1b. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 69 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 15.94 below lsd, June 3, 1940; lowest 40.99 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	36.02	May 1	37.44	Aug. 1	40.99	Nov. 1	38.64
Mar. 1	32.50	June 1	38.70		31 40.67		30 31.23
Apr. 2	38.96	July 2	40.88	Oct. 1	40.68	Dec. 31	31.92

M-2. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 234 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 18.33 below lsd, May 4, 1939; lowest 168.00 below lsd, Sept. 30, 1955. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	42.00	May 1	46.00	Aug. 1	48.00	Nov. 1	45.00
Mar. 1	41.00	June 1	46.00	31	53.00	30	38.00
Apr. 2	46.00	July 2	48.00	Oct. 1	47.00	Dec. 31	39.00

M-2a. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 67 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 17.84 below lsd, June 3, 1940; lowest 44.75 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	38.08	May 1	41.77	Aug. 1	44.75	Nov. 1	40.91
Mar. 1	37.23	June 1	42.57	31	44.33	30	34.79
Apr. 2	44.05	July 2	44.18	Oct. 1	42.30	Dec. 31	35.83

M-2b. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 69 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 20.25 below lsd, May 27, 1940; lowest 50.48 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	41.95	May 1	45.15	Aug. 1	50.48	Nov. 1	44.08
Mar. 1	43.74	June 1	49.45	31	48.80	30	40.37
Apr. 2	46.30	July 2	49.11	Oct. 1	44.67	Dec. 31	41.70

M-2c. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Driven and drilled observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches, depth 71 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 29.35 below lsd, Feb. 28, 1951; lowest 45.20 below lsd, Aug. 1, 1956. Records available: 1946-56.

Feb. 1	36.40	May 1	43.37	Aug. 1	45.20	Nov. 1	43.17
Mar. 1	37.20	June 1	43.88	31	44.40		
Apr. 2	39.63	July 2	44.05	Oct. 1	43.96		

M-3. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 234 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 23.12 below lsd, May 27, 1940; lowest 106.00 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	98.00	May 1	56.00	Aug. 1	106.00	Nov. 1	51.00
Mar. 1	104.00	June 1	105.00	31	104.00	30	50.00
Apr. 2	54.00	July 2	104.00	Oct. 1	100.00	Dec. 31	52.00

M-3a. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 69 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest

water level 22.87 below lsd, May 27, 1940; lowest 56.64 below lsd, Aug. 1, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	46.77	May 1	52.06	Aug. 1	56.64	Nov. 1	47.97
Mar. 1	52.49	June 1	54.48	31	54.35	30	45.80
Apr. 2	51.36	July 2	54.93	Oct. 1	48.58	Dec. 31	47.94

M-3b. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 69 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 23.91 below lsd, May 27, 1940; lowest 55.86 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	46.82	May 1	50.84	Aug. 1	55.86	Nov. 1	48.16
Mar. 1	55.85	June 1	53.90	31	53.90	30	46.16
Apr. 2	51.06	July 2	54.25	Oct. 1	48.70	Dec. 31	48.00

M-4. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 238 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 23.20 below lsd, May 8, 1939; lowest 126.50 below lsd, Aug. 2, 1954. Records available: 1939-56.

Feb. 1	45.00	May 1	106.00	Aug. 1	55.00	Nov. 1	47.00
Mar. 1	100.00	June 1	52.00	31	107.50	30	47.00
Apr. 2	105.00	July 2	52.00	Oct. 1	45.00	Dec. 31	108.00

M-4a. (C) City of Wichita. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 66 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 19.93 below lsd, May 27, 1940; lowest 56.54 below lsd, Sept. 1, 1955. Records available: 1939-56.

Feb. 1	41.45	May 1	54.68	Aug. 1	54.53	Nov. 1	45.64
Mar. 1	50.33	June 1	50.24	31	56.10	30	43.73
Apr. 2	54.37	July 2	50.48	Oct. 1	42.62	Dec. 31	51.25

M-4b. (C) City of Wichita. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 97 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 23.13 below lsd, May 27, 1940; lowest 60.42 below lsd, Sept. 1, 1955. Records available: 1939-56.

Feb. 1	45.21	May 1	58.55	Aug. 1	57.98	Nov. 1	49.49
Mar. 1	49.92	June 1	54.16	31	59.33	30	47.70
Apr. 2	58.24	July 2	54.59	Oct. 1	47.22	Dec. 31	54.88

M-5. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 23 S., R. 2 W. Drilled

public-supply water-table well in sand and gravel, diameter 18 inches, depth 237 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 20.33 below lsd, May 16, 1939; lowest 150.00 below lsd, Mar. 1, 1955. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2	40.50	May 1	112.00	Aug. 1	116.00	Nov. 1	114.00
Mar. 1	45.00	June 1	116.00	31	52.00	30	113.00
Apr. 2	110.00	July 2	112.00	Oct. 1	45.50	Dec. 31	114.00

M-5a. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 71 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 17.79 below lsd, June 3, 1940; lowest 42.06 below lsd, Sept. 30, 1949. Records available: 1939-56.

Feb. 2	37.80	May 1	38.27	Aug. 1	39.18	Nov. 1	39.18
Mar. 1	38.00	June 1	39.05	31	39.00	30	38.48
Apr. 2	37.96	July 2	39.45	Oct. 1	38.68	Dec. 31	38.48

M-5b. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 59 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 17.82 below lsd, May 27, 1940; lowest 43.00 below lsd, Feb. 27, 1947. Records available: 1939-56.

Feb. 2	37.72	May 1	37.30	Aug. 1	38.90	Nov. 1	39.08
Mar. 1	37.76	June 1	38.76	31	38.75	30	38.37
Apr. 2	37.69	July 2	39.13	Oct. 1	38.61	Dec. 31	38.30

M-6. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 23 S., R. 2 W. Drilled observation and public-supply water-table well in sand and gravel, diameter 18 inches, depth 257 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 10.10 below lsd, Apr. 2, 1951; lowest 114.00 below lsd, Jan. 31, 1952. Records available: 1939-56.

Feb. 2	71.00	May 1	40.00	Aug. 1	41.00	Nov. 1	105.00
Mar. 1	71.00	June 1	73.00	31	40.47	30	46.00
Apr. 2	39.00	July 2	73.00	Oct. 1	108.00	Dec. 31	52.00

M-6a. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 18.63 below lsd, June 3, 1940; lowest 41.68 below lsd, Sept. 30, 1955. Records available: 1939-56.

Feb. 2	39.68	May 1	39.38	Aug. 1	40.06	Nov. 1	40.52
Mar. 1	39.58	June 1	40.05	31	40.18	30	40.19
Apr. 2	39.09	July 2	40.62	Oct. 1	41.46	Dec. 31	39.90

M-6b. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 18.46 below lsd, June 3, 1940; lowest 41.55 below lsd, July 31, 1953. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2	39.30	May 1	39.07	Aug. 1	39.80	Nov. 1	40.37
Mar. 1	39.14	June 1	40.73	31	39.91	30	39.83
Apr. 2	38.79	July 2	40.19	Oct. 1	40.05	Dec. 31	39.62

M-7. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 24 S., R. 2 W. Drilled observation and public-supply water-table well in sand and gravel, diameter 18 inches, depth 257 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 15.93 below lsd, May 27, 1940; lowest 121.00 below lsd, Sept. 30, Nov. 11, Dec. 1, 1955. Records available: 1939-56.

Feb. 2	38.75	May 1	38.30	Aug. 1	39.00	Nov. 1	39.65
Mar. 1	60.00	June 1	38.57	31	39.17	30	39.56
Apr. 2	38.33	July 2	39.15	Oct. 1	39.10	Dec. 31	39.38

M-7a. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 14.72 below lsd, June 3, 1940; lowest 41.08 below lsd, Sept. 30, 1950. Records available: 1939-56.

Feb. 2	36.72	May 1	36.40	Aug. 1	37.16	Nov. 1	37.66
Mar. 1	39.82	June 1	36.69	31	37.43	30	37.75
Apr. 2	36.47	July 2	37.04	Oct. 1	37.53	Dec. 31	37.52

M-7b. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 54 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 13.30 below lsd, June 3, 1940; lowest 37.71 below lsd, Mar. 1, 1956. Records available: 1939-56.

Feb. 2	35.15	May 1	34.89	Aug. 1	35.64	Nov. 1	36.09
Mar. 1	37.71	June 1	35.02	31	35.82	30	36.04
Apr. 2	34.87	July 2	35.60	Oct. 1	35.98	Dec. 31	35.78

M-8. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 248 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 10.82 below lsd, May 27, 1940; lowest 88.00 below lsd, Aug. 31, 1956. Records available: 1939-56.

Feb. 1	78.00	May 1	78.00	Aug. 1	38.00	Nov. 1	79.00
Mar. 1	38.26	June 1	37.00	31	88.00	30	80.00
Apr. 2	78.00	July 2	78.00	Oct. 1	38.00	Dec. 31	80.00

M-8a. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 10.40 below lsd, May 27, 1940; lowest 38.03 below lsd, Nov. 30, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	35.89	May 1	35.77	Aug. 1	36.13	Nov. 1	37.67
Mar. 1	36.56	June 1	35.63	31	37.47	30	38.03
Apr. 2	36.05	July 2	36.71	Oct. 1	36.48	Dec. 31	37.10

M-8b. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 9.12 below lsd, May 27, 1940; lowest 36.65 below lsd, Nov. 30, 1956. Records available: 1939-56.

Feb. 1	34.37	May 1	34.47	Aug. 1	35.15	Nov. 1	36.23
Mar. 1	34.93	June 1	34.62	31	36.02	30	36.65
Apr. 2	34.66	July 2	35.30	Oct. 1	35.54	Dec. 31	35.66

M-9. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 228 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 7.11 below lsd, May 27, 1940; lowest 77.50 below lsd, Mar. 1, 1956. Records available: 1939-56.

Feb. 1	33.00	May 1	68.00	Aug. 1	68.00	Nov. 1	67.00
Mar. 1	77.50	June 1	69.00	31	67.00	30	68.00
Apr. 2	33.00	July 2	67.00	Oct. 1	68.00	Dec. 31	67.50

M-9a. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 6.38 below lsd, May 27, 1940; lowest 35.92 below lsd, Sept. 1, 1955. Records available: 1939-56.

Feb. 1	30.49	May 1	33.46	Aug. 1	34.38	Nov. 1	34.88
Mar. 1	34.93	June 1	34.82	31	34.66	30	35.48
Apr. 2	31.25	July 2	33.12	Oct. 1	34.84	Dec. 31	34.35

M-9b. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 7.67 below lsd, May 27, 1940; lowest 36.33 below lsd, Nov. 30, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	32.73	May 1	34.30	Aug. 1	35.18	Nov. 1	35.77
Mar. 1	34.92	June 1	34.63	31	35.47	30	36.33
Apr. 2	33.45	July 2	34.36	Oct. 1	35.60	Dec. 31	35.13

M-10. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 259 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 12.05 below lsd, May 27, 1940; lowest 99.00 below lsd, Aug. 2, 1954. Records available: 1939-56.

Feb. 1	38.24	May 1	38.41	Aug. 1	39.50	Nov. 1	40.30
Mar. 1	38.14	June 1	38.76	31	40.12	30	40.47
Apr. 2	38.49	July 2	39.60	Oct. 1	39.96	Dec. 31	39.44

M-10a. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 11.24 below lsd, May 27, 1940; lowest 41.42 below lsd, Sept. 1, 1953. Records available: 1939-56.

Feb. 1	37.53	May 1	37.63	Aug. 1	38.79	Nov. 1	39.45
Mar. 1	37.40	June 1	38.05	31	39.30	30	39.60
Apr. 2	37.61	July 2	38.84	Oct. 1	39.20	Dec. 31	38.72

M-10b. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 10.44 below lsd, May 27, 1940; lowest 38.14 below lsd, Nov. 30, 1956. Records available: 1939-56.

Feb. 1	36.18	May 1	35.99	Aug. 1	37.10	Nov. 1	37.72
Mar. 1	36.03	June 1	36.45	31	37.70	30	38.14
Apr. 2	36.26	July 2	37.09	Oct. 1	37.58	Dec. 31	37.22

M-11. (C) City of Wichita. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 248 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 9.74 below lsd, May 27, 1940; lowest 92.00 below lsd, Sept. 30, 1955. Records available: 1939-56.

Feb. 1	89.00	May 1	88.00	Aug. 1	88.00	Nov. 1	85.50
Mar. 1	68.00	June 1	89.50	31	40.00	30	86.00
Apr. 2	88.00	July 2	87.00	Oct. 1	88.50	Dec. 31	39.50

M-11a. (C) City of Wichita. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest

water level 9.28 below lsd, May 27, 1940; lowest 39.84 below lsd, Nov. 30, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	37.44	May 1	37.99	Aug. 1	39.39	Nov. 1	39.67
Mar. 1	34.30	June 1	38.49	31	39.23	30	39.84
Apr. 2	37.48	July 2	39.18	Oct. 1	39.75	Dec. 31	38.34

M-11b. (C) City of Wichita. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter $1\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot below lsd. Highest water level 8.49 below lsd, May 27, 1940; lowest 41.20 below lsd, Oct. 1, 1956. Records available: 1939-56.

Feb. 1	37.90	May 1	38.62	Aug. 1	39.86	Nov. 1	40.09
Mar. 1	35.64	June 1	38.93	31	39.93	30	40.33
Apr. 2	37.97	July 2	39.68	Oct. 1	41.20	Dec. 31	39.14

M-12. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 236 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 11.41 below lsd, Aug. 21, 1939; lowest 102.00 below lsd, Oct. 1, 1956. Records available: 1939-56.

Feb. 1	41.00	May 1	41.00	Aug. 1	101.00	Nov. 1	101.00
Mar. 1	40.00	June 1	42.00	31	101.00	30	43.00
Apr. 2	93.00	July 2	99.00	Oct. 1	102.00	Dec. 31	42.00

M-12a. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter $1\frac{1}{4}$ inches, depth 69 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 10.73 below lsd, May 27, 1940; lowest 46.59 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	39.18	May 1	39.05	Aug. 1	46.59	Nov. 1	45.39
Mar. 1	38.33	June 1	40.20	31	45.42	30	40.91
Apr. 2	40.79	July 2	45.88	Oct. 1	45.37	Dec. 31	40.16

M-12b. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter $1\frac{1}{4}$ inches, depth 69 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 11.70 below lsd, Aug. 21, 1939, Nov. 27, 1940; lowest 47.33 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	40.34	May 1	40.43	Aug. 1	47.33	Nov. 1	46.17
Mar. 1	39.50	June 1	41.33	31	46.30	30	42.03
Apr. 2	41.73	July 2	46.64	Oct. 1	46.14	Dec. 31	41.25

M-13. (C) City of Wichita. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 245 feet, cased to 188. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 8.27 below lsd, Aug. 21, 1939; lowest 73.00 below lsd, Sept. 1, 1954. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	71.00	May 1	70.00	Aug. 1	71.00	Nov. 1	36.00
Mar. 1	70.00	June 1	71.00	31	70.50	30	71.00
Apr. 2	70.00	July 2	70.00	Oct. 1	36.00	Dec. 31	70.00

M-13a. (C) City of Wichita. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 7.89 below lsd, May 27, 1940; lowest 37.16 below lsd, Aug. 31, 1956. Records available: 1939-56.

Feb. 1	35.41	May 1	35.48	Aug. 1	37.02	Nov. 1	35.79
Mar. 1	35.11	June 1	35.78	31	37.16	30	36.90
Apr. 2	35.08	July 2	36.59	Oct. 1	36.10	Dec. 31	36.70

M-13b. (C) City of Wichita. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 7.63 below lsd, May 27, 1940; lowest 37.56 below lsd, Aug. 31, 1956. Records available: 1939-56.

Feb. 1	35.71	May 1	36.66	Aug. 1	37.37	Nov. 1	36.50
Mar. 1	35.15	June 1	35.96	31	37.56	30	37.19
Apr. 2	35.24	July 2	37.00	Oct. 1	36.92	Dec. 31	37.05

M-14. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 102 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 9.07 below lsd, May 27, 1940; lowest 59.08 below lsd, Jan. 5, 1949. Records available: 1939-56.

Feb. 1	57.00	May 1	42.00	Aug. 1	57.50	Nov. 1	46.00
Mar. 1	38.00	June 1	56.00	31	57.00	30	48.50
Apr. 2	41.00	July 2	57.00	Oct. 1	49.00	Dec. 31	39.00

M-14a. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 50 feet, cased to 47. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 8.31 below lsd, Apr. 4, 1939; lowest 45.20 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	43.83	May 1	40.90	Aug. 1	45.20	Nov. 1	41.45
Mar. 1	36.65	June 1	43.61	31	45.10	30	42.12
Apr. 2	40.31	July 2	44.95	Oct. 1	42.17	Dec. 31	38.06

M-14b. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 57 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 8.16 below lsd, May 13, 27, June 3, 1940; lowest 42.42 below lsd, Aug. 31, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	40.86	May 1	40.00	Aug. 1	42.40	Nov. 1	40.03
Mar. 1	36.53	June 1	40.68	31	42.42	30	40.39
Apr. 2	39.57	July 2	42.07	Oct. 1	40.33	Dec. 31	38.14

M-15. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 122 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 11.03 below lsd, June 13, 1939; lowest 67.00 below lsd, Nov. 30, 1956. Records available: 1939-56.

Feb. 1	59.00	May 1	60.00	Aug. 1	62.00	Nov. 1	62.00
Mar. 1	40.00	June 1	61.50	31	55.00	30	67.00
Apr. 2	59.00	July 2	60.00	Oct. 1	62.50	Dec. 31	66.00

M-15a. (C) City of Wichita. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 11.20 below lsd, Aug. 21, 1939; lowest 41.63 below lsd, Oct. 1, 1956. Records available: 1939-56.

Feb. 1	38.84	May 1	39.75	Aug. 1	41.29	Nov. 1	41.58
Mar. 1	38.43	June 1	40.61	31	41.40	30	41.43
Apr. 2	39.67	July 2	40.36	Oct. 1	41.63	Dec. 31	40.90

M-15b. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 11.24 below lsd, Aug. 21, 1939; lowest 39.81 below lsd, Nov. 1, 1956. Records available: 1939-56.

Feb. 1	37.22	May 1	37.98	Aug. 1	39.55	Nov. 1	39.81
Mar. 1	39.34	June 1	38.79	31	39.64	30	39.65
Apr. 2	38.01	July 2	38.94	Oct. 1	38.77	Dec. 31	39.10

M-16. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 193 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 13.92 below lsd, Apr. 17, 1939; lowest 105.50 below lsd, June 1, 1955. Records available: 1939-56.

Feb. 1	71.00	May 1	40.00	Aug. 1	73.00	Nov. 1	71.00
Mar. 1	81.00	June 1	41.00	31	72.50	30	71.00
Apr. 2	39.00	July 2	71.00	Oct. 1	72.00	Dec. 31	42.00

M-16a. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 67 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 12.49 below lsd, May 27, 1940; lowest 47.28 below lsd, Aug. 1, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	44.67	May 1	39.18	Aug. 1	47.28	Nov. 1	45.35
Mar. 1	40.34	June 1	40.18	31	46.63	30	44.54
Apr. 2	38.36	July 2	44.90	Oct. 1	46.26	Dec. 31	40.40

M-16b. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 62 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 13.45 below lsd, May 27, 1940; lowest 47.30 below lsd, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	44.48	May 1	39.85	Aug. 1	47.30	Nov. 1	45.38
Mar. 1	35.92	June 1	40.90	31	46.80	30	44.59
Apr. 2	39.12	July 2	44.83	Oct. 1	46.22	Dec. 31	41.02

M-17. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 193 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 10.71 below lsd, Aug. 21, 1939; lowest 89.00 below lsd, Aug. 31, 1956. Records available: 1939-56.

Feb. 1	81.50	May 1	39.00	Aug. 1	88.00	Nov. 1	42.00
Mar. 1	67.00	June 1	85.00	31	89.00	30	42.00
Apr. 2	81.00	July 2	40.50	Oct. 1	42.00	Dec. 31	41.00

M-17a. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 57 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 10.93 below lsd, Aug. 21, 1939; lowest 43.32, Aug. 1, 1956. Records available: 1939-56.

Feb. 1	41.26	May 1	36.78	Aug. 1	43.32	Nov. 1	39.71
Mar. 1	29.25	June 1	40.84	31	43.16	30	39.25
Apr. 2	39.50	July 2	39.01	Oct. 1	39.74	Dec. 31	38.23

M-17b. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 56 feet. Measuring point, top of pipe, which is 0.50 foot above lsd. Highest water level 11.02 below lsd, May 27, 1940; lowest 38.07 below lsd, Dec. 31, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	36.33	May 1	36.32	Aug. 1	36.90	Nov. 1	37.62
Mar. 1	29.53	June 1	36.63	31	37.52	30	37.88
Apr. 2	36.18	July 2	36.80	Oct. 1	37.45	Dec. 31	38.07

M-18. (C) City of Wichita. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 186 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 6.58 below lsd, Aug. 21, 1939; lowest 68.00 below lsd, Oct. 1, 1954. Records available: 1939-56.

Feb. 1	31.00	May 1	67.00	Aug. 1	67.00	Nov. 1	67.00
Mar. 1	64.50	June 1	67.00	31	33.00	30	67.00
Apr. 2	66.50	July 2	67.00	Oct. 1	32.00	Dec. 31	67.00

M-18a. (C) City of Wichita. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.60 foot above lsd. Highest water level 5.66 below lsd, Aug. 21, 1939; lowest 42.78 below lsd, Mar. 1, 1956. Records available: 1939-56.

Feb. 1	28.87	May 1	30.20	Aug. 1	31.27	Nov. 1	31.71
Mar. 1	42.78	June 1	30.63	31	31.16	30	31.95
Apr. 2	29.86	July 2	30.81	Oct. 1	31.00	Dec. 31	31.78

M-18b. (C) City of Wichita. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 4.01 below lsd, Aug. 21, 1939; lowest 35.48 below lsd, Mar. 1, 1956. Records available: 1939-56.

Feb. 1	27.51	May 1	28.60	Aug. 1	29.73	Nov. 1	30.07
Mar. 1	35.48	June 1	29.02	31	29.72	30	30.33
Apr. 2	28.25	July 2	29.25	Oct. 1	29.40	Dec. 31	30.16

M-19. (C) City of Wichita. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 158 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 10.00 below lsd, Aug. 21, 1939; lowest 71.00 below lsd, Oct. 1, 1956. Records available: 1939-56.

Feb. 1	66.00	May 1	65.00	Aug. 1	68.00	Nov. 1	68.00
Mar. 1	33.00	June 1	65.00	31	67.50	30	68.00
Apr. 2	66.00	July 2	66.00	Oct. 1	71.00	Dec. 31	33.00

M-19a. (C) City of Wichita. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 72 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest

water level 9.62 below lsd, Aug. 21, 1939; lowest 42.98 below lsd, July 1, 1955. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	41.69	May 1	40.50	Aug. 1	42.24	Nov. 1	42.12
Mar. 1	32.41	June 1	41.51	31	41.79	30	42.16
Apr. 2	41.43	July 2	41.75	Oct. 1	42.19	Dec. 31	32.17

M-19b. (C) City of Wichita. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 24 S., R. 2 W. Drilled observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 63 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 9.38 below lsd, Aug. 21, 1939; lowest 37.32 below lsd, Oct. 1, 1956. Records available: 1939-56.

Feb. 1	36.28	May 1	36.18	Aug. 1	37.02	Nov. 1	37.10
Mar. 1	32.07	June 1	36.23	31	37.00	30	37.31
Apr. 2	36.05	July 2	36.51	Oct. 1	37.32	Dec. 31	31.80

M-20. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 145 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 10.82 below lsd, Aug. 21, 1939; lowest 88.00 below lsd, Mar. 1, 1956. Records available: 1939-56.

Feb. 1	33.00	May 1	34.00	Aug. 1	63.00	Nov. 1	36.00
Mar. 1	88.00	June 1	63.00	31	63.00	30	65.00
Apr. 2	63.00	July 2	33.00	Oct. 1	65.50	Dec. 31	35.00

M-20a. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 60 feet. Measuring point, top of pipe, which is 0.70 foot above lsd. Highest water level 13.11 below lsd, Aug. 21, 1939; lowest 39.32 below lsd, Nov. 30, 1956. Records available: 1939-56.

Feb. 1	33.37	May 1	34.84	Aug. 1	38.06	Nov. 1	36.40
Mar. 1	37.28	June 1	37.58	31	38.43	30	39.32
Apr. 2	37.21	July 2	34.37	Oct. 1	39.08	Dec. 31	35.94

M-20b. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 11.47 below lsd, Aug. 21, 1939; lowest 35.86 below lsd, Mar. 1, 1956. Records available: 1939-56.

Feb. 1	32.24	May 1	33.33	Aug. 1	34.13	Nov. 1	34.80
Mar. 1	35.86	June 1	33.79	31	34.65	30	35.37
Apr. 2	33.39	July 2	33.06	Oct. 1	35.17	Dec. 31	34.55

M-21. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 24 S., R. 2 W. Drilled

public-supply water-table well in sand and gravel, diameter 18 inches, depth 80 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 8.32 below lsd, Aug. 21, 1939; lowest 54.00 below lsd, Sept. 1, Oct. 1, 1954. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	51.00	May 1	43.00	Aug. 1	48.00	Nov. 1	32.00
Mar. 1	32.00	June 1	46.00	31	32.00	30	32.00
Apr. 2	31.00	July 2	47.00	Oct. 1	31.00	Dec. 31	44.00

M-21a. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 8.50 below lsd, Aug. 21, 1939; lowest 34.02 below lsd, Dec. 1, 1953. Records available: 1939-56.

Feb. 1	32.93	May 1	32.20	Aug. 1	32.86	Nov. 1	31.95
Mar. 1	30.65	June 1	32.83	31	31.02	30	31.76
Apr. 2	30.33	July 2	33.14	Oct. 1	31.15	Dec. 31	32.42

M-21b. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 8.08 below lsd, Aug. 21, 1939; lowest 31.50 below lsd, July 2, 1956. Records available: 1939-56.

Feb. 1	31.11	May 1	30.73	Aug. 1	31.23	Nov. 1	31.20
Mar. 1	30.20	June 1	31.11	31	30.61	30	31.10
Apr. 2	29.89	July 2	31.50	Oct. 1	30.70	Dec. 31	30.87

M-22. (C) City of Wichita. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 82 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 9.20 below lsd, Aug. 21, 1939; lowest 66.00 below lsd, May 2, Sept. 1, 1955. Records available: 1939-56.

Feb. 1	64.00	May 1	33.00	Aug. 1	35.00	Nov. 1	60.00
Mar. 1	64.00	June 1	61.00	31	62.00	30	61.00
Apr. 2	64.00	July 2	64.00	Oct. 1	62.00	Dec. 31	34.50

M-22a. (C) City of Wichita. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 8.49 below lsd, Aug. 21, 1939; lowest 35.88 below lsd, Nov. 30, 1956. Records available: 1939-56.

Feb. 1	35.04	May 1	31.00	Aug. 1	32.09	Nov. 1	35.31
Mar. 1	34.89	June 1	35.07	31	35.74	30	35.88
Apr. 2	35.05	July 2	35.69	Oct. 1	35.62	Dec. 31	32.08

M-22b. (C) City of Wichita. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 50 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 9.28 below lsd, Aug. 21, 1939; lowest 33.77 below lsd, Nov. 30, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	32.95	May 1	31.52	Aug. 1	32.98	Nov. 1	33.06
Mar. 1	32.64	June 1	32.95	31	33.72	30	33.77
Apr. 2	32.98	July 2	33.61	Oct. 1	33.50	Dec. 31	32.84

M-23. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 205 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 7.85 below lsd, Aug. 21, 1939; lowest 89.00 below lsd, Mar. 31, 1952. Records available: 1939-56.

Feb. 1	78.00	May 1	76.00	Aug. 1	79.00	Nov. 1	77.00
Mar. 1	80.00	June 1	78.00	31	75.00	30	78.00
Apr. 2	33.00	July 2	79.00	Oct. 1	73.50	Dec. 31	34.00

M-23a. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 8.27 below lsd, Aug. 21, 1939; lowest 32.04 below lsd, Nov. 1, 1956. Records available: 1939-56.

Feb. 1	30.46	May 1	31.02	Aug. 1	31.62	Nov. 1	32.04
Mar. 1	30.49	June 1	31.14	31	31.82	30	32.01
Apr. 2	30.24	July 2	31.42	Oct. 1	32.01	Dec. 31	31.80

M-23b. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 7.50 below lsd, Aug. 21, 1939; lowest 32.16 below lsd, Oct. 1, 1956. Records available: 1939-56.

Feb. 1	30.53	May 1	31.16	Aug. 1	31.79	Nov. 1	32.11
Mar. 1	30.54	June 1	31.23	31	31.94	30	31.14
Apr. 2	30.66	July 2	31.55	Oct. 1	32.16	Dec. 31	31.92

M-24. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 97 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 8.71 below lsd, Aug. 21, 1939; lowest 59.50 below lsd, May 2, 1955. Records available: 1939-56.

Feb. 1	54.00	May 1	36.00	Aug. 1	57.00	Nov. 1	34.00
Mar. 1	55.00	June 1	33.00	31	34.00	30	57.00
Apr. 2	56.00	July 2	57.00	Oct. 1	56.00	Dec. 31	58.00

M-24a. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 54 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 8.88 below lsd, Aug. 21, 1939; lowest 37.80 below lsd, Oct. 1, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	36.25	May 1	35.35	Aug. 1	37.75	Nov. 1	33.90
Mar. 1	36.72	June 1	33.15	31	34.11	30	37.65
Apr. 2	37.05	July 2	37.64	Oct. 1	37.80	Dec. 31	36.19

M-24b. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 11.17 below lsd, Aug. 28, 1939; lowest 36.76 below lsd, Nov. 30, 1956. Records available: 1939-56.

Feb. 1	34.84	May 1	36.00	Aug. 1	36.40	Nov. 1	35.87
Mar. 1	35.22	June 1	35.07	31	35.95	30	36.76
Apr. 2	35.71	July 2	36.24	Oct. 1	36.68	Dec. 31	35.75

M-25. (C) City of Wichita. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel, diameter 18 inches, depth 189 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 5.54 below lsd, Aug. 21, 1939; lowest 59.76 below lsd, Oct. 1, 1953. Records available: 1939-56.

Feb. 1	56.00	May 1	55.00	Aug. 1	57.00	Nov. 1	30.00
Mar. 1	57.00	June 1	56.00	31	29.00	30	55.00
Apr. 2	28.00	July 2	57.00	Oct. 1	55.00	Dec. 31	29.50

M-25a. (C) City of Wichita. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 50 feet, cased to 47. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 5.31 below lsd, Aug. 21, 1939; lowest 29.81 below lsd, Nov. 30, 1956. Records available: 1939-56.

Feb. 1	27.93	May 1	28.56	Aug. 1	29.35	Nov. 1	29.25
Mar. 1	27.71	June 1	28.64	31	28.99	30	29.81
Apr. 2	27.81	July 2	29.06	Oct. 1	29.65	Dec. 31	29.29

M-26. (C) City of Wichita. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 24 S., R. 2 W. Drilled public-supply water-table well in alluvium, diameter 18 inches, depth 195 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 13.96 below lsd, July 8, 1949; lowest 91.00 below lsd, May 2, 1955. Records available: 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	71.00	May 1	32.00	Aug. 1	72.00	Nov. 1	33.00
Mar. 1	72.00	June 1	72.00	31	70.00	30	33.00
Apr. 2	71.00	July 2	71.00	Oct. 1	73.00	Dec. 31	70.00

M-26a. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 24 S., R. 2 W. Drilled observation water-table well in Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 81 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 15.99 below lsd, Nov. 30, 1949; lowest 33.17 below lsd, Dec. 31, 1956. Records available: 1949-56.

Feb. 1	30.87	May 1	30.29	Aug. 1	32.30	Nov. 1	31.28
Mar. 1	30.85	June 1	31.36	31	32.33	30	31.39
Apr. 2	30.63	July 2	31.55	Oct. 1	32.80	Dec. 31	33.17

M-26b. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 24 S., R. 2 W. Drilled observation water-table well in Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 79 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 11.62 below lsd, July 7, 1948; lowest 30.49 below lsd, Oct. 1, 1956. Records available: 1947-56.

Feb. 1	28.63	May 1	28.80	Aug. 1	29.99	Nov. 1	29.82
Mar. 1	28.57	June 1	29.44	31	30.06	30	29.91
Apr. 2	28.52	July 2	29.32	Oct. 1	30.49	Dec. 31	29.92

HASKELL COUNTY

10. (C) Elie Stoops. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 30 S., R. 34 W. Drilled water-table well in Ogallala formation, diameter 10 inches, depth 61 feet. Measuring point, top of pipe, which is 0.30 foot above lsd. Highest water level 45.40 below lsd, Oct. 12, 1950; lowest 51.74 below lsd, Mar. 18, 1948. Records available: 1941-56. Jan. 19, 47.17; Feb. 3, 47.42; Mar. 12, 47.63; Apr. 9, 47.75; May 15, 48.00; Nov. 13, 48.17.

12. (C) Sybol Smith. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 30 S., R. 32 W. Drilled, rebuilt for stock use, water-table well in Ogallala formation, diameter 6 inches, depth 198 feet. Measuring point, between pump shaft and cover, which is 0.40 foot above lsd. Highest water level 179.40 below lsd, Nov. 3, 1941; lowest 187.64 below lsd, Aug. 16, 1941. Records available: 1941-52, 1956. Nov. 13, 185.66.

28-32-25cb. (C) Owner unknown. Drilled observation well in Ogallala formation, diameter 4 inches, depth 200 feet. Measuring point, top of metal cover, north side, which is 0.20 foot above lsd. Highest water level, 183.13 below lsd, Nov. 13, 1956; lowest 183.74 below lsd, Oct. 3, 1956. Records available: 1956. Oct. 3, 183.74; Nov. 13, 183.13.

28-33-22cd. (C) Owner unknown. Drilled abandoned stock well in Ogallala formation, diameter 4 inches, depth 233 feet. Measuring point, top of steel plate, through hole in southwest side, which is 1.30 feet above lsd. Highest water level 214.78 below lsd, Nov. 13, 1956; lowest 215.05 below lsd, Oct. 3, 1956. Records available: 1956. Oct. 3, 215.05; Nov. 13, 214.78.

29-32-26cb. (C) D. E. McClure. Drilled unused water-table well, diameter 5 inches, depth 205 feet. Measuring point, top of wooden pipe clamp west side, which is 1.55 feet above lsd. Highest water level 190.01 below lsd, Aug. 10, 1953; lowest 196.79 below lsd, May 15, 1956. Records available: 1941, 1952-56. May 15, 196.79; Aug. 21, 196.08; Nov. 13, 194.87.

HODGEMAN COUNTY

3. (C) C. A. Bradley. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 21 S., R. 22 W. Dug and drilled irrigation water-table well in alluvium, diameter 60 to 20 inches, depth 76 feet. Measuring point, top of concrete curb south side, which is 1.00 foot above lsd. Highest water level 23.84 below lsd, Oct. 24, 1951; lowest 39.74 below lsd, Oct. 24, 1956. Records available: 1940-56. Jan. 18, 35.65; Apr. 18, 35.35; Oct. 24, 39.74.

4. (C) Bill Macey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 22 S., R. 22 W. Dug and drilled irrigation water-table well in alluvium, diameter 60 to 20 inches, depth 50 feet. Measuring point, top of steel channel sill north side, which is 1.00 foot above lsd. Highest water level 13.81 below lsd, July 16, 1951; lowest 27.52 below lsd, Oct. 2, 1941. Records available: 1940-55. Measurement discontinued.

24-26-35cb. (C) A. C. Jemes. Drilled stock water-table well in Ogallala formation, diameter 5 $\frac{1}{2}$ inches, depth 90 feet. Measuring point, top of casing north side, which is 0.50 foot above lsd. Highest water level 64.36 below lsd, Oct. 11, 1954; lowest 65.29 below lsd, Oct. 22, 1956. Records available: 1954-56. Jan. 18, 64.54; Apr. 16, 64.66; July 24, 64.70; Oct. 22, 65.29.

JACKSON COUNTY

5-15-22db. (C) Fred Bergman Estate. Drilled domestic water-table well in glacial sand and gravel, diameter 12 inches, depth 32 feet, tile casing. Measuring point, top edge tile casing, which is 1.20 feet above lsd. Highest water level 12.83 below lsd, Sept. 27, 1951; lowest dry, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, dry.

7-15-3ca. (C) Fred Shafer. Drilled unused water-table well in alluvium, diameter 6 inches, depth 17 feet. Measuring point, top of casing south side, which is 0.40 foot above lsd. Highest water level 5.85 below lsd, July 3, 1948; lowest 9.70 below lsd, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, 9.70.

9-15-23dcb. (C) B. F. Albright. Dug unused water-table well in glacial sand and gravel, diameter 20 inches, depth 16 feet, cribbed with brick. Measuring point, top concrete platform east side of hole, which is 0.70 foot above lsd. Highest water level 2.84 below lsd, Sept. 27, 1951; lowest 15.04 below lsd, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, 15.04.

JEFFERSON COUNTY

11-19-27bcc. (C) Buck Creek School. Dug public-supply water-table well in terrace deposits, diameter 24 inches, depth 33 feet, cribbed with rock. Measuring point, top of concrete curb east side, which is 0.20 foot above lsd. Highest water level 19.77 below lsd, Aug. 1, 1951; lowest dry, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, dry.

11-19-29bc. (C) Bill Green. Dug unused water-table well in alluvium,

diameter 36 inches, depth 30 feet, cribbed with rock. Measuring point, top edge of timber, which is 0.50 foot above lsd. Highest water level 6.72 below lsd, Aug. 1, 1951; lowest 24.87 below lsd, Nov. 27, 1948. Records available: 1948-52. Measurement discontinued.

JEWELL COUNTY

12. (C) M. W. Howe. Lot 4, sec. 30, T. 3 S., R. 9 W. Dug unused water-table well in Niobrara formation, diameter 36 inches, depth 88 feet, cribbed with brick. Measuring point, top of wooden platform, which is 1.30 feet above lsd. Highest water level 39.14 below lsd, July 24, 1951; lowest 77.79 below lsd, June 8, 1938. Records available: 1934-55. No measurement made in 1956.

22. (C) Meyer Miles. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, T. 5 S., R. 9 W. Drilled unused water-table well in alluvium, diameter 20 inches, depth 48 feet, tile casing. Measuring point, top of square wooden platform, which is 3.00 feet above lsd. Highest water level 7.79 below lsd, July 24, 1951; lowest 25.68 below lsd, Aug. 10, 1934. Records available: 1934-54. No measurement made in 1956.

34. (C) Glen Kindler. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 3 S., R. 10 W. Dug unused water-table well in alluvium and colluvium, diameter 4 feet, depth 36 feet, cribbed with rock. Measuring point, top of wooden platform, which is 1.20 feet above lsd. Highest water level 5.14 below lsd, July 24, 1951; lowest 33.92 below lsd, Aug. 19, 1940. Records available: 1939-44, 1946-54. No measurement made in 1956.

41. (C) Walter Dietz. Lot 16, sec. 6, T. 5 S., R. 9 W. Drilled water-table well in alluvium and colluvium, diameter 8 inches, depth 31 feet, tile casing. Measuring point, top of wooden platform, which is 1.30 feet above lsd. Highest water level 8.40 below lsd, July 23, 1951; lowest 27.38 below lsd, May 23, 1941. Records available: 1934-44, 1946-54. No measurement made in 1956.

44. (C) Cleo Gimple. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 4 S., R. 9 W. Drilled stock water-table well in alluvium, diameter 6 inches, depth 37 feet, tile casing. Measuring point, top of casing, which is 1.50 feet above lsd. Highest water level 5.00 below lsd, Aug. 2, 1944; lowest 24.03 below lsd, May 9, 1935. Records available: 1934-44, 1946-54. No measurement made in 1956.

45. (C) Victor Yapp. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 4 S., R. 10 W. Drilled unused water-table well in alluvium and colluvium, diameter 12 inches, depth 38 feet. Measuring point, top of wooden platform, which is 0.90 foot above lsd. Highest water level 14.31 below lsd, July 23, 1951; lowest 34.39 below lsd, Dec. 21, 1940. Records available: 1934-55. No measurement made in 1956.

47. (C) Meyer Miles. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 5 S., R. 9 W. Drilled unused water-table well in deposits of Pleistocene age, diameter 7 inches, depth 17 feet. Measuring point, top of tile casing, which is 1.20 feet above lsd. Highest water level 0.67 below lsd, July 24, 1951; lowest 13.84 below lsd, May 9, 1935. Records available: 1934-44, 1946-54. No measurement made in 1956.

64. (C) Warren Morgan Co. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 3 S., R. 8 W. Drilled domestic and stock water-table well in Niobrara formation, diameter 6 inches, depth 84 feet. Measuring point, top of casing, which is 0.40 foot above lsd. Highest water level 51.37 below lsd, Aug. 28, 1951; lowest 65.90 below lsd,

Jan. 19, 1938. Records available: 1935-44, 1946-54. No measurement made in 1956.

65. (C) Mrs. B. M. Parkhurst. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23, T. 3 S., R. 9 W. Dug domestic and stock water-table well in colluvium, diameter 5 feet, depth 42 feet, cribbed with stone. Measuring point, top of plank platform, which is 1.90 feet above lsd. Highest water level 8.42 below lsd, July 24, 1951; lowest 38.10 below lsd, Aug. 20, 1940. Records available: 1939-55. No measurement made in 1956.

69. (C) Walter Dietz. NW $\frac{1}{4}$ lot 2, sec. 7, T. 5 S., R. 9 W. Drilled unused water-table well in gravel, diameter 12 inches, depth 37 feet. Measuring point at land surface. Highest water level 5.85 below lsd, July 23, 1951; lowest 24.50 below lsd, Aug. 19, 1940. Records available: 1939-44, 1946-55. No measurement made in 1956.

1-6-5ac. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 20 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 15.26 below lsd, June 23, 1953; lowest 17.05 below lsd, May 24, 1956. Records available: 1953-56. Feb. 15, 16.71; Apr. 23, 17.00; May 24, 17.05; July 25, 16.42; Sept. 26, 15.91; Nov. 28, 16.57.

1-6-5cd. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 43 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 30.27 below lsd, Sept. 26, 1956; lowest 33.16 below lsd, Mar. 3, 1955. Records available: 1953-56. Feb. 15, 32.40; Apr. 23, 32.69; May 24, 32.82; July 25, 32.59; Sept. 26, 30.27; Nov. 28, 31.25.

1-6-5dd. (MB C) U.S.G.S. Driven observation water-table well, diameter 1 $\frac{1}{4}$ inches, depth 36 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 10.94 below lsd, Aug. 19, 1948; lowest 33.43 below lsd, Sept. 15, Nov. 5, 1954. Records available: 1947-56. Feb. 15, 29.90; Apr. 23, 29.97; May 24, 30.22; July 25, 30.45; Sept. 26, 29.18; Nov. 28, 29.93.

1-6-6ad. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 22 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest water level 11.80 below lsd, Aug. 24, 1955; lowest 15.10 below lsd, May 24, 1956. Records available: 1953-56. Feb. 15, 14.97; Apr. 23, 15.06; May 24, 15.10; July 25, 14.28; Sept. 26, 14.82; Nov. 28, 14.98.

1-6-6bc. (MB) U.S.G.S. Jetted observation water-table well, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 2.17 below lsd, Oct. 1, 1950; lowest 10.55 below lsd, Sept. 20, 1955. Records available: 1950-56. Feb. 15, 9.66; Apr. 23, 9.92; May 24, 10.05; July 25, 9.07; Sept. 26, 9.09; Nov. 28, 9.09.

1-6-6cb. (MB) U.S.B.R. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 21 feet. Measuring point, top of pipe, which is 2.10 feet above lsd. Highest water level 9.75 below lsd, June 23, 1953, June 25, 1954; lowest 11.04 below lsd, May 24, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 15	10.56	May 24	11.04	Sept. 26	10.78	Nov. 28	10.95
Apr. 23	10.60	July 25	10.10	Oct. 25	10.59		

1-6-6cc. (MB) U.S.G.S. Jetted observation water-table well in sand, diameter $\frac{3}{4}$ inch, depth 39 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 16.36 below lsd, Aug. 24, 1955; lowest 28.04 below lsd, June 30, 1950. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 15	19.40	May 24	18.96	Sept. 26	18.03	Nov. 28	23.85
Apr. 23	20.00	July 25	17.58	Oct. 25	18.32		

1-6-6da1. (MB) U.S.G.S. Jetted observation water-table well in sand, diameter $\frac{3}{4}$ inch, depth 27 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 11.60 below lsd, Sept. 20, 1955; lowest 19.58 below lsd, Sept. 26, 1956. Records available: 1950-56. Feb. 15, 19.30; Apr. 23, 19.45; May 24, 19.50; July 25, 19.42; Sept. 26, 19.58; Nov. 28, 19.07.

1-6-6da2. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 2.70 feet above lsd. Highest water level 19.93 below lsd, Apr. 15, 1953; lowest 22.23 below lsd, June 9, 1955. Records available: 1953-56. Feb. 15, 21.72; Apr. 23, 21.45; May 24, 21.15; July 25, 22.20; Sept. 26, 21.05; Nov. 28, 21.50.

1-6-6db. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 22 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 12.22 below lsd, June 23, 1953; lowest 15.09 below lsd, May 24, 1956. Records available: 1953-56. Feb. 15, 14.77; Apr. 23, 14.85; May 24, 15.09; July 25, 14.62; Sept. 26, 14.86; Nov. 28, 15.08.

1-6-6dd. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 25.25 below lsd, Apr. 15, 1953; lowest 27.56 below lsd, June 9, 1955. Records available: 1953-56. Feb. 15, 27.02; Apr. 23, 26.64; May 24, 27.30; Sept. 26, 26.87; Nov. 28, 26.55.

1-6-11aa. (MB) U.S.G.S. Jetted observation water-table well in sand, diameter $\frac{3}{4}$ inch, depth 44 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 0.64 below lsd, July 24, 1951; lowest 5.27 below lsd, Sept. 19, 1956. Records available: 1950-56.

Feb. 29	4.40	May 3	5.05	July 11	3.69	Sept. 19	5.27
Mar. 28	4.70	June 7	4.20	Aug. 8	4.53	Nov. 7	5.22

1-6-14da. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 80 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 60.63 below lsd, Sept. 1, 1955; lowest 63.95 below lsd, Nov. 7, 1956. Records available: 1955-56.

Feb. 29	62.27	May 3	62.97	July 11	63.18	Sept. 19	63.64
Mar. 28	62.35	June 7	63.17	Aug. 8	63.47	Nov. 7	63.95

1-6-23ad. (MB) U.S.B.R. Drilled observation water-table well in allu-

vium, diameter 1¼ inches, depth 71 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 52.77 below lsd, Sept. 19, 1956; lowest 56.50 below lsd, Mar. 28, 1956. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	55.54	May 3	55.75	July 11	53.80	Sept. 19	52.77
Mar. 28	56.50	June 7	54.40	Aug. 8	53.20	Nov. 7	53.15

1-6-25bb. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 65 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 48.30 below lsd, Sept. 19, 1956; lowest 51.00 below lsd, May 3, 1956. Records available: 1955-56.

Feb. 29	50.02	May 3	51.00	July 11	49.30	Sept. 19	48.30
Mar. 28	50.90	June 7	50.54	Aug. 8	48.45	Nov. 7	49.15

1-6-25bc. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 70 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 38.67 below lsd, Nov. 7, 1956; lowest 44.77 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	41.88	May 3	41.93	July 11	41.37	Sept. 19	40.61
Mar. 28	41.95	June 7	41.55	Aug. 8	40.67	Nov. 7	38.67

1-6-25cc. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 60 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 37.03 below lsd, Sept. 19, 1956; lowest 42.47 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	40.75	May 3	40.55	July 11	40.00	Sept. 19	37.03
Mar. 28	42.18	June 7	40.37	Aug. 8	37.90	Nov. 7	38.95

1-6-25dd. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 75 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 30.69 below lsd, Sept. 19, 1956; lowest 34.33 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	33.90	May 3	34.01	July 11	33.35	Sept. 19	30.69
Mar. 28	34.00	June 7	33.40	Aug. 8	31.22	Nov. 7	31.43

1-6-34ddd. (MB) U.S.B.R. Drilled well in alluvium, diameter 1¼ inches, depth 66 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 32.08 below lsd, Sept. 19, 1956; lowest 40.20 below lsd, Dec. 20, 1955. Records available: 1955-56.

Feb. 29	37.43	May 3	38.51	July 11	37.49	Sept. 19	32.08
Mar. 28	38.50	June 7	38.13	Aug. 8	33.90	Nov. 7	34.26

1-6-35bba. (MB) U.S.B.R. Drilled and jetted well in alluvium, diameter 1¼ inches, depth 62 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 40.70 below lsd, Nov. 7, 1956; lowest 46.73 below lsd, Sept. 1, 1955. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	43.68	May 3	43.18	July 11	42.91	Sept. 19	42.47
Mar. 28	43.42	June 7	43.45	Aug. 8	42.92	Nov. 7	40.70

1-7-1bb. (MB) U.S.G.S. Driven well in sand and gravel, diameter 1¼ inches, depth 16 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 3.39 below lsd, July 24, 1951; lowest 12.17 below lsd, May 24, 1956. Records available: 1947-56. Feb. 15, 10.13; Apr. 23, 10.35; May 24, 12.17; July 25, 9.98; Sept. 26, 10.58; Nov. 28, 10.33.

1-7-1db. (MB) U.S.B.R. Drilled well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest water level 8.27 below lsd, July 23, 1954; lowest 10.73 below lsd, Mar. 29, 1954. Records available: 1953-56.

Feb. 15	10.70	May 24	9.82	Sept. 26	9.12	Nov. 28	10.58
Apr. 23	9.72	July 25	8.83	Oct. 25	10.60		

1-7-1dc. (MB) U.S.B.R. Drilled well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 6.26 below lsd, July 25, 1956; lowest 12.02 below lsd, Sept. 25, 1953. Records available: 1953-56. Feb. 15, 6.37; Apr. 23, 6.68; May 24, 6.77; July 25, 6.26; Oct. 25, 6.64; Nov. 28, 6.38.

1-7-2da. (MB) U.S.G.S. Driven well, diameter 1¼ inches, depth 13 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 0.42 below lsd, July 24, 1951; lowest 8.00 below lsd, Dec. 21, 1948. Records available: 1947-56.

Feb. 15	6.64	May 24	6.60	Sept. 26	6.43	Nov. 28	7.04
Apr. 23	6.59	July 25	4.86	Oct. 25	6.88		

1-7-4ad. (MB) U.S.B.R. Driven well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 1.80 below lsd, Feb. 15, 1956; lowest 6.91 below lsd, Aug. 17, 1954. Records available: 1953-56.

Feb. 15	1.80	May 24	3.64	Sept. 26	3.23	Nov. 28	3.22
Apr. 23	3.41	July 25	2.48	Oct. 25	3.24		

1-7-4ba. (MB) U.S.B.R. Driven well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 9.70 below lsd, Sept. 26, 1956; lowest 14.20 below lsd, Feb. 3, 1954. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 15	12.58	May 24	12.90	Sept. 26	9.70	Nov. 28	12.16
Apr. 23	12.78	July 25	10.89	Oct. 25	10.47		

2-6-2dd. (MB) U.S.B.R. Jetted well in Sanborn formation, diameter 1¼ inches, depth 66 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 35.87 below lsd, Aug. 8, 1956; lowest 40.09 below lsd, June 7, 1956. Records available: 1955-56.

Feb. 29	39.48	May 3	39.49	July 11	38.97	Sept. 19	37.21
Mar. 28	39.47	June 7	40.09	Aug. 8	35.87	Nov. 7	39.28

2-6-3db. (MB) U.S.B.R. Drilled well, diameter 1¼ inches, depth 54 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 30.20 below lsd, Aug. 8, 1956; lowest 38.45 below lsd, May 3, 1956. Records available: 1955-56.

Feb. 29	37.07	May 3	38.45	Aug. 8	30.20	Nov. 8	34.85
Mar. 28	38.40	July 11	36.02	Sept. 19	32.05		

2-6-4cd. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 28 feet. Measuring point, top of pipe, which is 3.20 feet above lsd. Highest water level 19.72 below lsd, Nov. 7, 1956; lowest 21.68 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	21.29	May 3	21.26	July 11	20.30	Sept. 19	20.44
Mar. 28	21.05	June 7	21.45	Aug. 8	20.73	Nov. 7	19.72

2-6-4dd. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, which is 2.80 feet above lsd. Highest water level 32.75 below lsd, Aug. 8, 1956; lowest 36.00 below lsd, Dec. 20, 1955. Records available: 1955-56.

Feb. 29	35.83	May 3	34.86	July 11	34.29	Sept. 19	32.77
Mar. 28	34.86	June 7	34.53	Aug. 8	32.75	Nov. 7	33.60

2-6-5cc. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 101 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 41.20 below lsd, Nov. 7, 1956; lowest 44.25 below lsd, May 3, 1956. Records available: 1956. May 3, 44.25; June 7, 43.49; July 11, 41.25; Aug. 8, 43.07; Sept. 19, 41.95; Nov. 7, 41.20.

2-6-5dcc. (MB) U.S.B.R. Jetted well in Sanborn formation, diameter 1¼ inches, depth 92 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 39.10 below lsd, July 15, 1955; lowest 42.74 below lsd, Oct. 20, 1955. Records available: 1955-56. Mar. 28, 40.35; Aug. 8, 40.56; Sept. 19, 40.31; Nov. 8, 39.46.

2-6-8aa. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter

1¼ inches, depth 27 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 19.70 below lsd, Dec. 20, 1955; lowest dry, June 7, Aug. 8, Sept. 19, 1956. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	21.60	May 3	23.83	Aug. 8	(b)	Nov. 7	23.65
Mar. 28	23.44	June 7	(b)	Sept. 19	(b)		

(b) dry

2-6-8ba. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 59 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 18.40 below lsd, Nov. 8, 1956; lowest 18.74 below lsd, Oct. 20, 1955. Records available: 1955-56. Feb. 29, 18.58; Mar. 28, 18.55; Nov. 8, 18.40.

2-6-8bb. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 72 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 30.30 below lsd, Feb. 29, 1956; lowest 32.25 below lsd, Oct. 20, 1955. Records available: 1955-56.

Feb. 29	30.30	May 3	31.17	July 11	31.05	Sept. 19	32.10
Mar. 28	31.20	June 7	31.58	Aug. 8	31.66	Nov. 7	31.24

2-6-8bc. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 52 feet. Measuring point, top of pipe, which is 2.30 feet above lsd. Highest water level 12.57 below lsd, July 11, 1956; lowest 14.50 below lsd, Mar. 28, 1956. Records available: 1956.

Mar. 28	14.50	June 7	14.38	Aug. 8	12.68	Nov. 7	13.97
May 3	14.36	July 11	12.57	Sept. 19	13.32		

2-6-8bd. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 69 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 36.42 below lsd, July 11, 1956; lowest 38.10 below lsd, Mar. 28, 1956. Records available: 1955-56.

Feb. 29	37.93	May 3	37.75	July 11	36.42	Sept. 19	37.22
Mar. 28	38.10	June 7	37.89	Aug. 8	36.97	Nov. 7	37.60

2-6-8bba. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 66 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 17.00 below lsd, Aug. 8, 1956; lowest 18.79 below lsd, June 7, 1956. Records available: 1955-56. May 3, 18.44; June 7, 18.79; July 11, 18.01; Aug. 8, 17.00; Sept. 19, 18.22; Nov. 7, 18.40.

2-6-8ca. (MB) U.S.B.R. Drilled well in alluvium, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 10.46 below lsd, July 11, 1956; lowest 16.83 below lsd, Dec. 20, 1955; Mar. 28, 1956. Records available: 1955-56. Feb. 29, 16.80; Mar. 28, 16.83; July 11, 10.46 (water standing); Nov. 7, 16.00.

2-6-8cb1. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, which is 2.30 feet above lsd. Highest water level 13.19 below lsd, July 11, 1956; lowest 15.86 below lsd, Mar. 28, 1956. Records available: 1956.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 28	15.86	June 7	15.85	Aug. 8	13.70	Nov. 7	15.30
May 3	15.55	July 11	13.19	Sept. 19	14.52		

2-6-8cb2. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 58 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 10.94 below lsd, July 11, 1956; lowest 15.83 below lsd, June 7, 1956. Records available: 1956. Mar. 28, 15.05; June 7, 15.83; July 11, 10.94; Aug. 8, 13.20; Sept. 19, 14.51; Nov. 7, 15.27.

2-6-8cb3. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest water level 14.80 below lsd, Aug. 8, 1956; lowest 17.86 below lsd, Mar. 28, 1956. Records available: 1956.

Mar. 28	17.86	June 7	17.63	Aug. 8	14.80	Nov. 7	16.21
May 3	17.70	July 11	16.05	Sept. 19	15.43		

2-6-8dda. (MB) U.S.B.R. Drilled well in alluvium, diameter 1¼ inches, depth 52 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 17.48 below lsd, July 11, 1956; lowest 21.90 below lsd, Nov. 7, 1956. Records available: 1955-56.

Feb. 29	20.59	May 3	20.46	July 11	17.48	Sept. 19	21.15
Mar. 28	20.36	June 7	20.98	Aug. 8	19.27	Nov. 7	21.90

2-6-9bd. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 32.87 below lsd, Sept. 1, 1955; lowest 34.70 below lsd, May 3, 1956. Records available: 1955-56. May 3, 34.70; June 7, 33.45; July 11, 33.41; Aug. 8, 33.44; Sept. 19, 33.61; Nov. 7, 33.55.

2-6-9dd. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 82 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 34.80 below lsd, Sept. 19, Nov. 7, 1956; lowest 33.13 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	36.97	May 3	37.25	July 11	36.47	Sept. 19	34.80
Mar. 28	37.18	June 7	37.20	Aug. 8	35.60	Nov. 7	34.80

2-6-10cb. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter 1¼ inches, depth 56 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 29.90 below lsd, Mar. 28, 1956; lowest 37.76 below lsd, July 11, 1956. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	37.60	May 3	31.61	July 11	37.76	Sept. 19	34.53
Mar. 28	29.90	June 7	31.46	Aug. 8	36.32	Nov. 7	35.40

2-6-10da2. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter $1\frac{1}{4}$ inches, depth 40 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 7.44 below lsd, July 11, 1956; lowest 11.48 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	9.79	May 3	9.65	July 11	7.44	Sept. 19	9.04
Mar. 28	9.74	June 7	10.13	Aug. 8	8.77	Nov. 8	9.90

2-6-11da2. (MB) U.S.B.R. Drilled well in Sanborn formation, diameter $1\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 18.47 below lsd, Nov. 7, 1956; lowest 20.80 below lsd, June 7, 1956. Records available: 1955-56.

Feb. 29	19.31	May 3	20.15	July 11	18.60	Sept. 19	18.68
Mar. 28	19.80	June 7	20.80	Aug. 8	18.85	Nov. 7	18.47

2-6-15cc. (MB) U.S.B.R. Drilled well in alluvium, diameter $1\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 2.90 feet above lsd. Highest water level 10.11 below lsd, Sept. 1, 1955; lowest 13.02 below lsd, June 7, 1956. Records available: 1955-56. Feb. 29, 11.45; Mar. 28, 12.70; May 3, 12.85; June 7, 13.02; Nov. 7, 10.30.

2-6-15dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 4.90 below lsd, May 3, 1956; lowest 6.68 below lsd, Nov. 7, 1956. Records available: 1956. May 3, 4.90; June 7, 5.30; July 11, 5.62; Aug. 8, 5.70; Sept. 19, 6.20; Nov. 7, 6.68.

2-6-16bc. (MB) U.S.B.R. Drilled well in alluvium, diameter $1\frac{1}{2}$ inches, depth 54 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 13.93 below lsd, July 11, 1956; lowest 19.20 below lsd, Nov. 8, 1956. Records available: 1955-56.

Feb. 29	17.63	May 3	18.17	July 11	13.93	Sept. 19	17.94
Mar. 28	17.85	June 7	18.07	Aug. 8	16.15	Nov. 8	19.20

2-6-17add. (MB) U.S.B.R. Drilled well in alluvium, diameter $1\frac{1}{4}$ inches, depth 58 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 16.46 below lsd, Sept. 1, 1955; lowest 18.28 below lsd, Nov. 8, 1956. Records available: 1955-56.

Feb. 29	17.55	May 3	17.78	July 11	16.80	Sept. 19	17.55
Mar. 28	17.55	June 7	18.15	Aug. 8	16.92	Nov. 8	18.28

2-6-17bba. (MB) U.S.B.R. Drilled well in alluvium, diameter $1\frac{1}{4}$ inches,

depth 62 feet. Measuring point, top of pipe, which is 2.10 feet above lsd. Highest water level 20.83 below lsd, Sept. 1, 1955; lowest 26.20 below lsd, Nov. 8, 1956. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	21.29	May 3	24.59	July 11	21.80	Sept. 19	25.22
Mar. 28	21.25	June 7	24.87	Aug. 8	23.60	Nov. 8	26.20

2-6-17db. (MB) U.S.B.R. Jetted well in alluvium, diameter 1¼ inches, depth 18 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 11.34 below lsd, July 11, 1956; lowest 14.20 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	13.29	May 3	13.05	July 11	11.34	Sept. 19	13.96
Mar. 28	13.35	June 7	14.13	Aug. 8	13.20	Nov. 8	13.77

2-6-22abb. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 10.04 below lsd, Sept. 1, 1955; lowest 13.00 below lsd, June 7, 1956. Records available: 1955-56. Feb. 29, 12.29; Mar. 28, 12.40; May 3, 12.58; June 7, 13.00; Nov. 8, 11.38.

2-6-22ad. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 52 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 27.38 below lsd, Nov. 8, 1956; lowest 29.29 below lsd, Oct. 20, 1955. Records available: 1955-56.

Feb. 29	29.27	May 3	29.03	July 11	28.92	Sept. 19	27.70
Mar. 28	29.15	June 7	28.81	Aug. 8	28.20	Nov. 8	27.38

2-6-36dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 28 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 25.60 below lsd, Mar. 29, 1956; lowest dry, Sept. 20, 1956. Records available: 1956. Mar. 29, 25.60; May 9, 25.73; June 6, 26.08; July 12, 26.27; Sept. 20, dry.

KEARNY COUNTY

13a. (C) Kearny County. SW¼ SW¼ sec. 15, T. 25 S., R. 37 W. Driven and bored observation well, depth 14 feet. Measuring point, top of pipe west side, which is 2.20 feet above lsd. Highest water level 7.39 below lsd, May 28, 1954; lowest 9.26 below lsd, Nov. 29, 1956. Records available: 1953-56.

Jan. 27	8.23	Apr. 27	8.10	July 27	8.82	Nov. 29	9.26
Feb. 27	8.35	May 18	8.05	Aug. 24	8.88	30	9.04
Mar. 23	8.23	June 22	8.41	Sept. 21	8.12	Dec. 21	9.11

16. (C) C. B. Campbell. SE¼ SE¼ SE¼ sec. 15, T. 23 S., R. 35 W. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 60 feet. Measuring point, top of casing north side, which is 0.40 foot above lsd.

Highest water level 23.69 below lsd, May 31, 1951; lowest 55.79 below lsd, Nov. 27, 1956. Records available: 1939-56. May 21, 52.15; Aug. 30, 54.96; Nov. 27, 55.79.

28. (C) Harry Tate. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 22 S., R. 37 W. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 133 feet. Measuring point, top of casing east side, which is 0.70 foot above lsd. Highest water level 113.60 below lsd, May 21, 1953; lowest 126.57 below lsd, May 16, 1955. Records available: 1939-55. Measurement discontinued.

22-37-22aa. (C) Owner unknown. Drilled stock well in Ogallala formation, diameter 6 inches, depth 187 feet. Measuring point, top of hole in frying pan over well northeast side, which is 0.30 foot above lsd. Highest water level 174.94 below lsd, Aug. 30, 1956; lowest 175.27 below lsd, June 28, 1956. Records available: 1956. June 28, 175.27; Aug. 30, 174.94.

KINGMAN COUNTY

4. (C) N. Lawson. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, T. 27 S., R. 9 W. Drilled observation water-table well in Meade formation, diameter 2 inches, depth 76 feet. Measuring point, top opening of pump, which is 0.30 foot above lsd. Highest water level 55.58 below lsd, Sept. 1, 1953; lowest 65.13 below lsd, Feb. 6, 1947. Records available: 1945-56. Mar. 20, 57.60; June 20, 57.92; Sept. 20, 58.15; Dec. 20, 58.44.

KIOWA COUNTY

4. (C) H. E. Davis. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 28 S., R. 16 W. Drilled domestic and irrigation water-table well in Meade formation, diameter 6 inches, depth 109 feet. Measuring point, top of casing south side, which is 0.50 foot above lsd. Highest water level 63.87 below lsd, Sept. 4, 1952; lowest 76.07 below lsd, Aug. 20, 1943. Records available: 1940-56. Mar. 20, 66.21; June 20, 66.06; Sept. 20, 67.04; Dec. 20, 67.30.

8. (C) E. E. Miller. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 27 S., R. 18 W. Dug and drilled unused water-table well in Meade formation, diameter 16 inches, depth 75 feet. Measuring point, top edge of concrete curb south side, which is 1.00 foot above lsd. Highest water level 12.39 below lsd, Sept. 20, 1951; lowest 26.52 below lsd, Apr. 28, 1941. Records available: 1940-56. Mar. 20, 17.53; Sept. 20, 18.31; Dec. 20, 18.58.

19. (C) C. Williamson. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 27 S., R. 17 W. Drilled irrigation water-table well in Meade formation, diameter 18 inches, depth 90 feet. Measuring point, lower edge of pump base, which is 0.50 foot above lsd. Highest water level 25.00 below lsd, Dec. 20, 1951; lowest 37.30 below lsd, June 19, 1944. Records available: 1941, 1944-56. Mar. 20, 31.09; June 20, 31.35; Dec. 20, 31.85.

LABETTE COUNTY

1. (C) J. Ballah. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 31 S., R. 21 E. Driven stock water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 20 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 1.20 below lsd, Oct. 1, 1945; lowest dry, Jan. 1, 1954. Records available: 1942-52, 1954. Measurement discontinued.

2. (C) C. Givens. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 31 S., R. 21 E. Driven unused

water-table well in valley alluvium, diameter 1¼ inches, depth 18 feet. Measuring point, top of pipe, which is 2.30 feet above lsd. Highest water level 0.28 above lsd, Aug. 1, 1948; lowest 13.77 below lsd, Jan. 16, 1954. Records available: 1942-54. No measurement made in 1956.

LANE COUNTY

17-30-13cbb. (C) F. L. Burmeister. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 94 feet. Measuring point, top of casing west side, which is 0.10 foot above lsd. Highest water level 83.83 below lsd, Feb. 1, 1950; lowest 86.36 below lsd, Feb. 23, 1950. Records available: 1950-56. Feb. 15, 84.35; Apr. 12, 84.36; June 11, 84.32; Aug. 29, 84.46; Oct. 11, 84.52; Dec. 10, 84.38.

18-27-13ccc. (C) C. H. Merriweather. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 95 feet. Measuring point, top of casing southeast side, which is 0.60 foot above lsd. Highest water level 86.10 below lsd, Oct. 19, 1955; lowest 88.50 below lsd, June 18, 1951. Records available: 1950-56. Apr. 12, 87.26; June 11, 86.51; Aug. 29, 86.68; Oct. 11, 87.17; Dec. 10, 86.16.

18-28-15ccc. (C) C. S. and F. E. Boone. Drilled observation water-table well in Ogallala formation, diameter 6 inches, depth 61 feet. Measuring point, top of casing southwest side, which is 0.50 foot above lsd. Highest water level 54.23 below lsd, Aug. 25, 1952; lowest 56.28 below lsd, June 26, 1950. Records available: 1950-56. Oct. 11, 55.96; Dec. 10, 55.73.

19-30-3daa. (C) John Kees. Dug unused water-table well in Ogallala formation, diameter 4 feet, depth 73 feet. Measuring point, top of concrete curb, which is 0.70 foot above lsd. Highest water level 65.63 below lsd, June 11, 1956; lowest 69.52 below lsd, June 26, 1950. Records available: 1950-56. Feb. 15, 66.02; Apr. 12, 66.04; June 11, 65.63; Aug. 29, 65.98; Oct. 11, 65.93; Dec. 10, 66.44.

LEAVENWORTH COUNTY

8-22-7c. (C) Mrs. Joe Kennedy. Dug unused water-table well in glacial deposits, diameter 5 feet, depth 15 feet, cribbed with rock. Measuring point, top west edge of hole in concrete plate, which is 1.00 foot above lsd. Highest water level 1.40 below lsd, Aug. 1, 1951; lowest 9.53 below lsd, Nov. 27, 1948. Records available: 1948-52, 1956. Oct. 27, 5.11.

10-22-34ad. (C) A. K. Mussett. Dug unused water-table well in glacial deposits, diameter 6 feet, depth 35 feet, cribbed with brick. Measuring point, top of concrete north side, which is 1.00 foot above lsd. Highest water level 0.45 below lsd, Nov. 27, 1951; lowest 7.05 below lsd, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, 7.05.

LINCOLN COUNTY

12-7-18aa. (MB C) Reverend Hendrickson. Drilled observation water-table well in alluvium, diameter 6 inches, depth 50 feet. Measuring point, edge of platform at pump base, which is at land surface. Highest water level 2.47 below lsd, July 25, 1951; lowest 25.05 below lsd, Dec. 20, 1956. Records available: 1947-56. Mar. 8, 24.10; June 26, 23.83; Sept. 21, 23.82; Dec. 20, 25.05.

12-7-19dd. (MB C) H. R. Behern. Dug stock and observation water-table

well in alluvium, diameter 36 inches, depth 16 feet, cribbed with rock. Measuring point, top of surface board platform, which is at land surface. Highest water level 7.29 below lsd, June 3, 1952; lowest 14.95 below lsd, Sept. 21, 1956. Records available: 1947-56. Mar. 8, 14.54; June 26, 14.60; Sept. 21, 14.95; Dec. 20, 14.75.

12-7-23aa. (MB C) R. E. Ancell. Dug observation water-table well in terrace gravel, diameter 36 inches, depth 18 feet, cribbed with rock. Measuring point, top of rock curb, which is 1.00 foot above lsd. Highest water level 1.60 below lsd, July 25, 1951; lowest dry, Apr. 6, 1955. Records available: 1947-55. Measurement discontinued.

12-7-34ad. (MB C) A. Rittman. Dug observation water-table well in Dakota formation, diameter 4 feet, depth 56 feet, cribbed with rock. Measuring point, top of surface platform, which is 1.00 foot above lsd. Highest water level 47.29 below lsd, June 3, 1952; lowest 51.40 below lsd, Feb. 25, 1952. Records available: 1947-55. Measurement discontinued.

12-8-6aa. (MB C) Darrell Dean. Drilled domestic and observation water-table well in alluvium, diameter 6 inches, depth 19 feet. Measuring point, top of board platform, which is 0.30 foot above lsd. Highest water level 5.09 below lsd, May 11, 1951; lowest 11.18 below lsd, Mar. 8, 1956. Records available: 1947-56. Mar. 8, 11.18.

12-8-8cd. (MB C) S. C. Meredith. Dug observation water-table well in Dakota formation, diameter 4 feet, depth 35 feet, cribbed with rock. Measuring point, top of board platform, which is 0.60 foot above lsd. Highest water level 2.29 below lsd, July 25, 1951; lowest 15.12 below lsd, Apr. 16, 1954. Records available: 1947-56. Mar. 8, 12.31; June 26, 12.90; Sept. 21, 13.60; Dec. 20, 13.45.

12-8-11cb. (MB C) Jim and Ed Herby. Dug domestic and stock water-table well in alluvium, diameter 4 feet, depth 32 feet, cribbed with rock. Measuring point, top of concrete curb, which is at land surface. Highest water level 4.76 below lsd, July 25, 1951; lowest 20.90 below lsd, Dec. 20, 1956. Records available: 1947-56. Mar. 8, 20.42; June 26, 19.88; Sept. 21, 20.79; Dec. 20, 20.90.

12-10-8bb. (MB C) G. Meitler. Drilled stock water-table well in alluvium, diameter 6 inches, depth 30 feet. Measuring point, edge of casing north side, which is 1.00 foot above lsd. Highest water level 9.58 below lsd, Oct. 22, 1951; lowest 17.57 below lsd, Sept. 21, 1956. Records available: 1947-56. Mar. 9, 15.67; June 26, 16.25; Sept. 21, 17.57; Dec. 20, 16.51.

12-10-13aa. (MB C) Soenger Estate. Drilled stock water-table well in alluvium, diameter 6 inches, depth 30 feet. Measuring point, edge of casing south side, which is 1.40 feet above lsd. Highest water level 8.62 below lsd, July 25, 1951; lowest dry, Dec. 20, 1956. Records available: 1947-56. Mar. 8, 25.70; June 26, 25.93; Sept. 21, 27.07; Dec. 20, dry.

12-10-21dd. (MB C) F. D. Meyer. Dug domestic and stock water-table well in alluvium, diameter 4 feet, depth 32 feet, cribbed with rock. Measuring point, top of concrete platform, which is 0.30 foot above lsd. Highest water level 19.58 below lsd, Oct. 22, 1951; lowest 27.88 below lsd, Dec. 20, 1956. Records available: 1947-56. Mar. 8, 27.36; June 26, 27.42; Sept. 21, 27.65; Dec. 20, 27.88.

LINN COUNTY

19-24-36aa. (C) Mr. Newby. Dug unused water-table well in Swope limestone, diameter 6 feet, depth 21 feet. Measuring point, top of hole in concrete base, which is 0.30 foot above lsd. Highest water level 6.56 below lsd, Nov. 30, 1951; lowest 17.39 below lsd, Nov. 3, 1956. Records available: 1948-52, 1956. Nov. 3, 17.39.

22-25-6cb. (C) E. C. Smith. Dug unused water-table well in Nowata shale and Altamont limestone, diameter 5 feet, depth 16 feet, cribbed with rock. Measuring point, top of concrete south side of circular hole, which is 0.60 foot above lsd. Highest water level 1.99 below lsd, Feb. 21, 1952; lowest dry, Nov. 3, 1956. Records available: 1948-52, 1956. Nov. 3, dry.

23-25-7daa. (C) O. M. Grigsby. Dug unused water-table well in Bandera shale, diameter 36 inches, depth 19 feet, cribbed with rock. Measuring point, top of concrete north side of square hole, which is 0.60 foot above land surface. Highest water level 1.64 below lsd, Mar. 1, 1949; lowest 17.21 below lsd, May 5, 1948. Records available: 1948-52, 1956. Nov. 3, 16.33.

LOGAN COUNTY

1. (C) Octon Estate. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 2, T. 11 S., R. 32 W. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 107 feet. Measuring point, top of casing north side, which is 0.40 foot above lsd. Highest water level 96.25 below lsd, Apr. 21, 1953; lowest 99.29 below lsd, Jan. 6, 1947. Records available: 1942-56. Apr. 24, 97.05; July 11, 96.91; Oct. 16, 98.04.

11-34-16cc. (C) A. T. and Helen Peterson. Drilled unused observation well in Ogallala formation, diameter 5 inches, depth 143 feet. Measuring point, top of casing, which is 0.70 foot above lsd. Highest water level 125.77 below lsd, Nov. 27, 1956; lowest 126.63 below lsd, Jan. 6, 1953. Records available: 1952-56. Feb. 21, 126.10; May 16, 125.98; Aug. 28, 126.03; Nov. 27, 125.77.

12-37-27aa. (C) J. E. Bertrand. Drilled unused observation well in col-luvium, diameter 5 inches, depth 53 feet. Measuring point, top of casing, which is 1.20 feet above lsd. Highest water level 42.64 below lsd, Nov. 27, 1956; lowest 44.60 below lsd, Aug. 10, 1954. Records available: 1952-56. Feb. 21, 43.49; May 16, 43.27; Aug. 28, 42.95; Nov. 27, 42.64.

MCPHERSON COUNTY

17-3-4bbb. (MB) U.S.G.S. Jetted well in silt, terrace deposits, diameter $\frac{3}{4}$ inch, depth 28 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 17.05 below lsd, Sept. 22, 1952; lowest 21.20 below lsd, July 2, 1951. Records available: 1950-53, 1955-56. Jan. 4, 17.48; May 11, 17.90; July 31, 17.72; Sept. 7, 17.77; Dec. 17, 17.85.

17-3-9bcc. (MB) U.S.G.S. Jetted well in sand, terrace deposits, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 8.99 below lsd, Oct. 11, 1950; lowest 21.02 below lsd, Dec. 17, 1956. Records available: 1950-53, 1955-56. Jan. 4, 20.11; May 11, 20.46; July 31, 20.70; Sept. 7, 20.62; Dec. 17, 21.02.

17-3-10bbb. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 28 feet. Measuring point, top of pipe, which is 2.50 feet above lsd.

Highest water level 6.65 below lsd, Aug. 17, 1951; lowest 20.97 below lsd, Dec. 17, 1956. Records available: 1951-53, 1955-56. Jan. 4, 20.44; July 31, 20.10; Sept. 7, 20.12; Dec. 17, 20.97.

17-3-17dd. (MB C) U.S.G.S. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 39 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 16.75 below lsd, July 24, 1951; lowest 29.80 below lsd, Sept. 7, 1956. Records available: 1946-56. Jan. 4, 27.85; May 11, 29.10; July 31, 29.40; Sept. 7, 29.80; Dec. 17, 28.76.

17-3-18dd. (MB C) U.S.G.S. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 53 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 17.25 below lsd, Oct. 1, 1951; lowest 30.18 below lsd, July 31, 1956. Records available: 1946-56. Jan. 4, 28.70; May 11, 29.18; July 31, 30.18; Sept. 7, 30.13; Dec. 17, 29.74.

17-3-19ddd. (MB) U.S.G.S. Jetted well in sand, terrace deposits, diameter $\frac{3}{4}$ inch, depth 32 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 12.60 below lsd, Oct. 1, 1951; lowest 24.85 below lsd, Sept. 7, 1956. Records available: 1951-56. Jan. 4, 24.59; May 11, 24.75; July 31, 24.81; Sept. 7, 24.85.

17-3-30dd. (MB C) U.S.G.S. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 57 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 19.09 below lsd, July 24, 1951; lowest 31.92 below lsd, Sept. 7, 1956. Records available: 1946-56. Jan. 4, 31.17; May 11, 31.58; July 31, 31.85; Sept. 7, 31.92; Dec. 17, 31.80.

17-4-20ddd. (MB) U.S.G.S. Jetted well in colluvium, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 1.73 below lsd, July 2, 1951; lowest dry, May 11, 1956. Records available: 1950-56. Jan. 4, 14.74; May 11, dry; July 31, 16.00; Sept. 7, 15.29; Dec. 17, 15.75.

17-4-25dd. (MB C) U.S.G.S. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 50 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 15.11 below lsd, July 24, 1951; lowest 27.90 below lsd, Dec. 17, 1956. Records available: 1946-56. Jan. 4, 27.02; May 11, 27.27; July 31, 27.23; Sept. 7, 27.45; Dec. 17, 27.90.

17-4-29ccc. (MB) U.S.G.S. Jetted observation well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 32 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 6.52 below lsd, Aug. 20, 1951; lowest 20.51 below lsd, June 9, 1952. Records available: 1950-53, 1955-56. July 31, 19.44; Sept. 7, 20.06; Dec. 17, 20.05.

17-4-31baa. (MB) U.S.G.S. Jetted well in sand, terrace deposits, diameter $\frac{3}{4}$ inch, depth 32 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 13.06 below lsd, Aug. 20, 1951; lowest 24.35 below lsd, Dec. 17, 1956. Records available: 1950-53, 1955-56. Jan. 4, 23.20; May 1, 23.97; July 31, 24.28; Sept. 7, 24.31; Dec. 17, 24.35.

17-4-32baa. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 32 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 8.80 below lsd, Aug. 20, 1951; lowest 23.93 below lsd, Dec. 17, 1956. Records available: 1950-53, 1955-56. Jan. 4, 23.15; May 11, 19.06; July 31, 23.58; Sept. 7, 23.73; Dec. 17, 23.93.

17-4-34add. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 13.11 below lsd, Aug. 20, 1951; lowest 26.25 below lsd, Dec. 17, 1956. Records available: 1951-53, 1955-56. Jan. 4, 25.65; May 11, 26.04; July 31, 26.10; Sept. 7, 25.90; Dec. 17, 26.25.

17-4-36abb. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 31 feet. Measuring point, top of pipe, which is 3.80 feet above lsd. Highest water level 15.23 below lsd, Aug. 20, 1951; lowest 27.22 below lsd, Dec. 17, 1956. Records available: 1951-53, 1955-56. Jan. 4, 25.99; May 11, 25.98; July 31, 26.76; Sept. 7, 26.80; Dec. 17, 27.22.

17-5-7add. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 27 feet. Measuring point, top of pipe, which is 3.80 feet above lsd. Highest water level 6.01 below lsd, Oct. 1, 1951; lowest 15.89 below lsd, Aug. 19, 1955. Records available: 1951-53, 1955-56. Jan. 4, 15.32; May 11, 15.54; July 31, 15.20; Sept. 7, 15.28; Dec. 17, 15.67.

17-5-7bbb. (MB) U.S.G.S. Jetted well in silt, diameter $\frac{3}{4}$ inch, depth 35 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 17.88 below lsd, July 2, 1951; lowest 25.94 below lsd, Apr. 7, 1955; Aug. 1, 1956. Records available: 1950-53, 1955-56. Jan. 4, 25.64; May 11, 24.80; Aug. 1, 25.94; Sept. 7, 25.87; Dec. 17, 25.86.

17-5-8ccc. (MB) U.S.G.S. Jetted well in alluvium, diameter $\frac{3}{4}$ inch, depth 20 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 3.33 below lsd, Nov. 9, 1951; lowest 12.52 below lsd, Dec. 18, 1956. Records available: 1950-53, 1955-56. Jan. 4, 12.02; May 11, 12.15; Aug. 1, 12.34; Sept. 7, 12.38; Dec. 18, 12.52.

17-5-8ddd. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 18 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 0.90 below lsd, Oct. 1, 1951; lowest 12.14 below lsd, Sept. 7, 1956. Records available: 1950-53, 1955-56. Jan. 4, 11.64; May 11, 11.98; Aug. 1, 12.10; Sept. 7, 12.14; Dec. 18, 12.02.

17-5-11bbb. (MB) U.S.G.S. Jetted well in alluvium, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 1.87 below lsd, Oct. 1, 1951; lowest 16.30 below lsd, Dec. 18, 1956. Records available: 1950-53, 1955-56. Jan. 4, 15.08; May 11, 15.20; Aug. 1, 15.93; Sept. 7, 16.22; Dec. 18, 16.30.

17-5-16aaa. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 26 feet. Measuring point, top of pipe, which is 2.10 feet above lsd. Highest water level 10.39 below lsd, Oct. 1, 1951; lowest 20.06 below lsd, Dec. 18, 1956. Records available: 1951-53, 1955-56. Jan. 4, 19.70; May 11, 20.05; Aug. 1, 19.87; Sept. 7, 19.87; Dec. 18, 20.06.

17-5-21dad. (MB) U.S.G.S. Jetted well in alluvium, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 6.51 below lsd, Oct. 1, 1951; lowest 18.90 below lsd, Apr. 7, 1955. Records available: 1950-53, 1955-56. Sept. 7, 18.70; Dec. 18, 18.85.

17-5-23ccc. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 25 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 9.61 below lsd, Dec. 17, 1950; lowest dry, Jan. 4, 1956. Records available: 1950-53, 1955-56. Jan. 4, dry; Aug. 1, 20.03; Sept. 7, 20.02.

17-5-25aaa. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 32 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 7.51 below lsd, Oct. 1, 1951; lowest 20.90 below lsd, Oct. 23, 1950. Records available: 1950-53, 1955-56. Jan. 4, 16.95; May 1, 17.70; July 31, 17.32; Sept. 7, 17.45; Dec. 17, 18.09.

17-5-26ddd. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 5.00 below lsd, Aug. 20, 1951; lowest 21.73 below lsd, Dec. 17, 1956. Records available: 1950-56. Jan. 4, 21.20; May 11, 21.26; Aug. 1, 21.49; Sept. 7, 21.59; Dec. 17, 21.73.

MEADE COUNTY

41. (C) D. L. Shrunner. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 30 S., R. 30 W. Drilled observation water-table well, diameter 6 inches, depth 180 feet. Measuring point, hole in east side of pump base, which is 0.75 foot above lsd. Highest water level 155.75 below lsd, Dec. 13, 1954; lowest 158.30 below lsd, Nov. 9, 1939. Records available: 1939-42, 1954-56. Mar. 13, 155.85; June 7, 156.25; Sept. 13, 156.03; Dec. 4, 156.34.

45. (C) Joseph Roche. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 30 S., R. 27 W. Drilled unused water-table well in Meade formation and Ogallala formation, diameter 3 inches, depth 200 feet. Measuring point, top of casing, which is 0.80 foot above lsd. Highest water level 0.42 below lsd, Dec. 20, 1949; lowest 22.84 below lsd, Sept. 13, 1956. Records available: 1939-56. Mar. 13, 20.27; Sept. 13, 22.84; Dec. 4, 21.10.

61. (C) John Meyer. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 31 S., R. 27 W. Drilled unused water-table well in Meade formation and Ogallala formation, diameter 6 inches, depth 87 feet. Measuring point, top of casing south side, which is 0.60 foot above lsd. Highest water level 56.34 below lsd, Dec. 28, 1955; lowest 60.77 below lsd, May 17, 1940. Records available: 1939-56. Mar. 13, 56.43; June 7, 56.37; Sept. 13, 56.35; Dec. 4, 56.39.

77. (C) J. W. Wood. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 32 S., R. 28 W. Drilled unused water-table well in Meade formation and Ogallala formation, diameter 3 inches, depth 126 feet. Measuring point, bottom of T in 3-inch casing, which is 2.60 feet above lsd. Highest water level 60.18 below lsd, Mar. 19, 1952; lowest 67.12 below lsd, Sept. 9, 1943. Records available: 1939-56. Mar. 13, 62.84; June 7, 64.29; Sept. 13, 66.02; Dec. 4, 63.65.

161. (C) C. R. Cheney. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 31 S., R. 27 W. Bored stock water-table well in alluvium and Kingsdown silt, diameter 6 inches, depth 18 feet. Measuring point, top of casing south side, which is 0.80 foot above lsd. Highest water level 6.23 below lsd, Sept. 9, 1953; lowest 12.30 below lsd, Sept. 20, 1939. Records available: 1939, 1952-56. Mar. 13, 8.45; June 7, 9.50; Sept. 13, 10.90; Dec. 4, 11.30.

234. (C) Chris Sobba. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, T. 30 S., R. 27 W. Drilled unused water-table well in Ogallala formation, diameter 16 inches, depth 210 feet. Measuring point at land surface. An irrigation well nearby is affecting this well. Highest water level 11.47 below lsd, July 8, 11, 1951; lowest 47.11 below lsd, Aug. 5, 1955. Records available: 1939-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.98	15.30	16.00	.....	29.30	25.93	.....	38.30	.....	34.72	.....	.....
10	17.04	15.29	18.00	.....	.....	23.92	.....	42.05	.....	.....	21.20	.....
15	16.16	15.41	16.14	.....	.....	26.39	.....	46.64	37.52	.....	.....	.....
20	15.74	15.30	18.25	20.79	.....	.....	34.02	.....	.....	34.02	.....	.....
25	15.58	16.26	.....	22.00	32.19	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	20.62	24.51	.....	23.00	.....	.....	.....	.....	.....	.....

30-27-22cd. (C) D. Zortman. Drilled unused water-table well in sand, diameter 8 inches, depth 21 feet. Measuring point, 3.00 feet above lsd. Highest water level 11.73 below lsd, Apr. 22, 23, 1954; lowest 16.82 below lsd, Oct. 25, 1956. Records available: 1954-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.66	16.55	15.36
10	16.21	16.75	16.38	15.28
15	16.32	16.81	15.98	15.18
20	16.42	16.81	15.74	15.10
25	16.52	16.82	15.62	15.06
30	16.60	16.70	15.48	14.97

30-27-32ddd. (C) Meade County. Driven and bored observation water-table well in clay, diameter 2 inches, depth 20 feet. Measuring point, top of pipe east side, which is 2.00 feet above lsd. Highest water level 8.93 below lsd, July 7, 1953; lowest dry, Sept. 13, Dec. 4, 1956. Records available: 1953-56. Mar. 13, 14.95; June 7, 15.41; Sept. 13, dry; Dec. 4, dry.

33-28-29bc. (C) Fred Bouhers. Drilled irrigation water-table well in sand, Meade and Ogallala formations, diameter 16 inches, depth 160 feet. Measuring point, top of casing northeast side, which is 1.00 foot above lsd. Highest water level 14.23 below lsd, Mar. 16, 1954; lowest 18.15 below lsd, July 18, 1939. Records available: 1939, 1953-56. June 7, 16.00; Sept. 13, 17.08; Dec. 4, 15.91.

MITCHELL COUNTY

6-8-34ccc. (MB C) R. L. Metcalf. Dug domestic and stock water-table well, diameter 36 inches, depth 24 feet, cribbed with stone. Measuring point, top surface board platform, which is 0.40 foot above lsd. Highest water level 16.00 below lsd, July 25, 1951; lowest 18.59 below lsd, Feb. 7, 1950. Records available: 1946-56. Mar. 5, 17.66; June 25, 18.30; Sept. 18, 18.56; Dec. 19, 18.16.

6-9-27ab. (MB C) L. Lowdermilk. Dug unused water-table well, diameter 4 feet, depth 37 feet, cribbed with rock. Measuring point, top of rock base, which is 0.40 foot above lsd. Highest water level 11.90 below lsd, July 25, 1951; lowest 31.10 below lsd, May 11, 1935. Records available: 1935-56. Mar. 5, 26.42; June 25, 26.80; Sept. 18, 27.86; Dec. 19, 28.44.

6-9-30da. (MB C) M. D. Vint. Drilled domestic and stock well in alluvium, diameter 6 inches, depth 37 feet. Measuring point, top edge of casing north side, which is 0.30 foot above lsd. Highest water level 17.90 below lsd,

July 25, 1951; lowest 32.24 below lsd, Dec. 19, 1956. Records available: 1946-56. Mar. 5, 31.25; June 25, 31.37; Sept. 18, 31.72; Dec. 19, 32.24.

7-6-34cba. (MB C) Thelma Spicker. Drilled stock and observation water-table well in alluvium, diameter 6 inches, depth 43 feet. Measuring point, top edge of casing south side at land surface. Highest water level 15.75 below lsd, Oct. 25, 1951; lowest 32.19 below lsd, Nov. 29, 1948. Records available: 1946-56. Mar. 5, 29.94; June 25, 30.33; Sept. 18, 30.67; Dec. 19, 30.80.

7-7-7aaa. (MB C) A. McDysan. Drilled domestic and stock water-table well in Greenhorn limestone, diameter 6 inches, depth 43 feet. Measuring point, top of rock curb, which is 1.00 foot above lsd. Highest water level 16.05 below lsd, Jan. 22, 1951; lowest 34.68 below lsd, Dec. 19, 1956. Records available: 1946-56. Mar. 5, 29.82; June 25, 31.47; Sept. 18, 32.48; Dec. 19, 34.68.

7-7-15dcc. (MB C) V. R. Schmidt. Dug observation water-table well in alluvium, diameter 4 feet, depth 28 feet, cribbed with stone. Measuring point, top surface stone curb, which is 0.30 foot above lsd. Highest water level 0.55 below lsd, July 25, 1951; lowest 26.44 below lsd, Dec. 19, 1956. Records available: 1946-56. Mar. 5, 24.73; June 25, 25.80; Sept. 18, 25.78; Dec. 19, 26.44.

7-8-5cbb. (MB C) Paul Meers. Drilled stock water-table well in alluvium, diameter 6 inches, depth 47 feet. Measuring point, top edge of casing north side, which is 1.50 feet above lsd. Highest water level 17.55 below lsd, Aug. 28, 1951; lowest dry, Mar. 5, June 25, Sept. 18, Dec. 19, 1956. Records available: 1946-56. Mar. 5, dry; June 25, dry; Sept. 18, dry; Dec. 19, dry.

MORTON COUNTY

22. (C) E. A. Wilcox. SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 31 S., R. 43 W. Drilled unused water-table well in Dakota formation, diameter 5 inches, depth 87 feet. Measuring point, top of casing south side, which is 1.20 feet above lsd. Highest water level 69.85 below lsd, May 20, 1952; lowest 74.43 below lsd, Nov. 26, 1947. Records available: 1939-53, 1956. May 7, 71.47; Aug. 22, 71.95; Nov. 15, 72.95.

65. (C) John Hentschel. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T. 33 S., R. 42 W. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 62 feet. Measuring point, top of casing northeast side, which is 0.40 foot above lsd. Highest water level 50.40 below lsd, Aug. 23, 1951; lowest 54.54 below lsd, Feb. 11, 1954. Records available: 1939-54, 1956. May 7, 52.22; Aug. 22, 50.93; Nov. 15, 51.45.

117. (C) W. C. Washburn. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 35 S., R. 42 W. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 216 feet. Measuring point, top of casing west side, which is 1.20 feet above lsd. Highest water level 155.44 below lsd, May 7, 1956; lowest 166.54 below lsd, May 25, 1948. Records available: 1939-56. Feb. 14, 156.22; May 7, 155.44; Nov. 15, 155.48.

NESS COUNTY

1. (C) J. E. Ficken. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 20 S., R. 23 W. Drilled irrigation water-table well in alluvium, diameter 19 inches, depth 70 feet. Measuring point, top of sill under pump east side, which is 2.00 feet above lsd. Highest water level 25.58 below lsd, Oct. 24, 1951; lowest 34.91 below lsd,

Aug. 27, 1940. Records available: 1940-56. Jan. 18, 33.27; Apr. 18, 32.82; July 26, 33.60; Oct. 24, 34.56.

2. (C) C. L. Whitley. SW $\frac{1}{4}$ sec. 20, T. 20 S., R. 22 W. Dug and drilled irrigation water-table well in alluvium, diameter 20 inches, depth 58 feet. Measuring point, top of concrete curb south side, which is 0.50 foot above lsd. Highest water level 17.81 below lsd, July 12, 1951; lowest 33.69 below lsd, July 26, 1956. Records available: 1940-56. Jan. 18, 27.67; July 26, 33.69; Oct. 24, 31.79.

18-23-31aa. (C) J. H. Lieker. Drilled domestic water-table well in Ogallala formation, diameter 5 inches, depth 54 feet. Measuring point, top of casing west side, which is 0.30 foot above lsd. Highest water level 47.82 below lsd, Apr. 20, 1954; lowest 49.10 below lsd, Oct. 23, 1956. Records available: 1954-56. Jan. 17, 48.69; Apr. 17, 42.80; July 25, 48.83; Oct. 23, 49.10.

NORTON COUNTY

2-21-1bb. (MB C) Verner Ross. Drilled irrigation water-table well in alluvium, diameter 24 inches, depth 70 feet. Measuring point, top of pump base east side, which is 1.30 feet above lsd. Highest water level 18.76 below lsd, July 23, 1951; lowest 31.35 below lsd, July 7, 1955. Records available: 1946-56. Feb. 7, 26.94; Mar. 26, 26.43; Apr. 27, 30.85.

2-21-2bd. (MB C) Vernon J. Hamilton. Drilled irrigation water-table well in alluvium, diameter 24 inches, depth 57 feet. Measuring point, top of casing south side, which is at land surface. Highest water level 17.69 below lsd, Aug. 26, 1951; lowest 26.19 below lsd, Oct. 7, 1948. Records available: 1946-56. Feb. 7, 25.46; Mar. 26, 25.45; Apr. 27, 23.95.

2-21-11aa. (MB C) W. B. Woods. Drilled irrigation water-table well in alluvium, diameter 18 inches, depth 82 feet. Measuring point, hole in pump base, which is 1.00 foot above lsd. Highest water level 24.37 below lsd, Oct. 23, 1951; lowest 36.42 below lsd, July 7, 1955. Records available: 1945-56. Feb. 7, 34.05; Mar. 26, 34.95.

2-21-18aa. (MB C) Mr. Hrypkema. Dug unused water-table well in terrace deposits, diameter 12 feet, depth 57 feet. Measuring point, top of plank north side, which is 0.41 foot above lsd. Highest water level 40.37 below lsd, May 24, 1952; lowest 43.48 below lsd, Feb. 9, 1950. Records available: 1947-55. No measurement made in 1956.

2-21-19dd. (MB C) C. C. Alexander. Drilled domestic and stock water-table well in Ogallala formation, diameter 6 inches, depth 79 feet. Measuring point, top of casing east side, which is 0.90 foot above lsd. Highest water level 59.10 below lsd, May 15, 1951; lowest 65.93 below lsd, Jan. 18, 1951. Records available: 1946-54. No measurement made in 1956.

2-22-26ac. (MB C) Percy G. Whitaker. Drilled domestic water-table well in alluvium, diameter 6 inches, depth 53 feet. Measuring point, top of pit east side, which is 0.10 foot above lsd. Highest water level 24.11 below lsd, July 24, 1951; lowest 29.80 below lsd, Apr. 26, 1949. Records available: 1946-54. No measurement made in 1956.

2-22-28aa. (MB C) H. E. Fisher. Drilled observation water-table well in terrace deposits, diameter 5 inches, depth 51 feet. Measuring point, top of casing, which is at land surface. Highest water level 47.30 below lsd, July 31,

1947; lowest 49.70 below lsd, Sept. 2, 1949. Records available: 1947-55. No measurement made in 1956.

2-23-36cd. (MB C) R. L. Brooks. Drilled irrigation water-table well in alluvium, diameter 18 inches, depth 69 feet. Measuring point, lower edge of inspection hole, which is 1.70 feet above lsd. Highest water level 25.56 below lsd, Oct. 23, 1951; lowest 31.59 below lsd, Mar. 13, 1950. Records available: 1946-55. No measurement made in 1956.

2-25-36dd. (C) L. B. McCabe. Drilled stock water-table well in Ogallala formation, diameter 6 inches, depth 56 feet. Measuring point, top edge of casing, which is 1.00 foot above lsd. Highest water level 41.65 below lsd, Feb. 8, 1954; lowest 42.83 below lsd, May 4, 1946. Records available: 1946, 1954-56. Feb. 20, 42.21; May 16, 42.26; Aug. 28, 42.23; Nov. 26, 42.45.

3-23-8aa. (MB C) Mary J. Rogers. Drilled observation water-table well in terrace deposits, diameter 6 inches, depth 59 feet. Measuring point, top of casing north side, which is 0.25 foot above lsd. Highest water level 33.46 below lsd, July 24, 1951; lowest dry, July 6, 1955. Records available: 1947-55. No measurement made in 1956.

4-23-14ad. (C) W. L. Kidder. Drilled stock water-table well in Ogallala formation, diameter 6 inches, depth 91 feet. Measuring point, top of casing east side, which is 1.50 feet above lsd. Highest water level 65.10 below lsd, May 3, 1955; lowest 66.41 below lsd, Nov. 16, 1955. Records available: 1946, 1954-56. May 16, 65.73; Aug. 27, 65.55; Nov. 26, 65.94.

OSBORNE COUNTY

6-11-34aa. (MB C) Wm. E. Lowdon. Dug unused water-table well in terrace alluvium, diameter 28 inches, depth 41 feet, cribbed with rock. Measuring point, top of platform over well, which is 0.10 foot above lsd. Highest water level 27.30 below lsd, Mar. 1, 1952; lowest 39.49 below lsd, Dec. 11, 1952. Records available: 1945-56. Mar. 6, 35.57; Sept. 18, 36.05; Dec. 19, 36.33.

6-12-7bb. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 41 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 32.15 below lsd, Dec. 14, 1954; lowest 33.19 below lsd, Dec. 10, 1951. Records available: 1951-56. Mar. 6, 32.25; June 25, 32.30; Sept. 18, 32.35; Dec. 19, 32.50.

6-12-7dc. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 41 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 11.55 below lsd, June 19, 1951; lowest 24.80 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 24.32; Sept. 18, 24.33; Dec. 19, 24.80.

6-12-23cd. (MB C) C. Fink. Dug domestic water-table well in terrace gravels, diameter 36 inches, depth 32 feet, cribbed with rock. Measuring point, top of board platform south side, which is 0.75 foot above lsd. Highest water level 16.68 below lsd, July 24, 1951; lowest 27.17 below lsd, Apr. 26, 1946. Records available: 1945-56. Mar. 6, 24.40; June 25, 24.11; Sept. 18, 24.40; Dec. 19, 24.61.

6-13-2dd. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 41 feet. Measuring point, top of pipe, which is 0.80 foot above lsd.

Highest water level 29.85 below lsd, May 23, 1952; lowest 33.36 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 33.35; June 25, 32.92; Sept. 18, 33.13; Dec. 19, 33.36.

6-13-12ba. (MB C) F. L. Smith. Drilled domestic and stock water-table well in alluvium, diameter 8 inches, depth 48 feet, wood casing. Measuring point, top of board platform east side, which is 0.20 foot above lsd. Highest water level 24.03 below lsd, Apr. 7, 1954; lowest 42.37 below lsd, Mar. 20, 1951. Records available: 1945-54. Measurement discontinued.

7-12-28ab. (MB C) C. E. Galley. Drilled domestic and stock water-table well in alluvium, diameter 12 inches, depth 47 feet, tile casing. Measuring point, top surface concrete platform, which is 0.50 foot above lsd. Highest water level 26.44 below lsd, May 25, 1952; lowest 34.60 below lsd, Jan. 7, 1947. Records available: 1946-56. Mar. 6, 33.52; Dec. 19, 34.01.

7-13-15da. (MB C) J. W. Bathurst. Drilled domestic water-table well in alluvium, diameter 12 inches, depth 53 feet, tile casing. Measuring point, top surface board platform, which is 1.30 feet above lsd. Highest water level 29.14 below lsd, July 25, 1951; lowest 40.30 below lsd, Mar. 6, 1956. Records available: 1946-56. Mar. 6, 40.30; June 26, 39.59; Sept. 18, 40.20; Dec. 19, 39.60.

7-14-6cb. (MB C) J. A. Guttery. Drilled stock and observation water-table well in alluvium, diameter 12 inches, depth 29 feet, tile casing. Measuring point, top surface board platform east side, which is 0.40 foot above lsd. Highest water level 19.97 below lsd, Aug. 27, 1951; lowest 24.89 below lsd, Dec. 19, 1956. Records available: 1946-56. June 26, 24.55; Sept. 18, 24.78; Dec. 19, 24.89.

7-14-10dd. (MB C) John Clark. Drilled domestic and observation water-table well in alluvium, diameter 12 inches, depth 38 feet, tile casing. Measuring point, top surface board platform, which is 0.70 foot above lsd. Highest water level 27.69 below lsd, May 25, 1952; lowest 34.52 below lsd, Dec. 19, 1956. Records available: 1946-56. Mar. 6, 33.10; June 26, 31.60; Sept. 18, 31.52; Dec. 19, 34.52.

7-15-8cc. (MB C) F. Dibble. Dug domestic and stock water-table well in alluvium, diameter 4 feet, depth 26 feet, cribbed with stone. Measuring point, top surface cement platform, which is 1.10 feet above lsd. Highest water level 14.80 below lsd, May 26, 1950; lowest 25.78 below lsd, Mar. 8, 1950. Records available: 1946-56. Mar. 6, 22.97; June 26, 23.07; Sept. 18, 23.22; Dec. 19, 23.22.

7-15-12dc. (MB C) Tom Hale, Jr. Drilled domestic and stock water-table well, diameter 12 inches, depth 36 feet, tile casing. Measuring point, top edge tile casing south side, which is 1.30 feet above lsd. Highest water level 9.16 below lsd, Sept. 18, 1956; lowest 25.00 below lsd, July 10, 1955. Records available: 1946-56. Mar. 6, 16.35; June 26, 22.57;* Sept. 18, 9.16; Dec. 19, 18.73.

*Pond above well has water.

PAWNEE COUNTY

7. (C) Ralph Lupfer. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 22 S., R. 17 W. Drilled irrigation water-table well in alluvium, diameter 19 inches, depth 124 feet. Measuring point, top of casing southwest side, which is 0.50 foot above lsd. Highest water level 18.95 below lsd, June 25, 1951; lowest 38.28 below lsd, Sept. 18, 1956. Records available: 1940-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16	31.10	Apr. 16	32.21	July 24	33.53	Oct. 22	35.44
Feb. 23	30.52	May 9	32.44	Aug. 15	36.64	Nov. 20	34.87
Mar. 14	31.65	June 13	34.80	Sept. 18	38.28		

8. (C) F. B. Reed. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 22 S., R. 16 W. Drilled irrigation water-table well in alluvium, diameter 19 inches, depth 34 feet. Measuring point, top of concrete curb south side, which is 1.50 feet above lsd. Highest water level 7.01 below lsd, Aug. 29, 1950; lowest 18.72 below lsd, Sept. 18, 1956. Records available: 1940-56.

Feb. 23	15.06	June 13	15.63	Oct. 22	17.35	Dec. 12	16.62
Mar. 14	15.29	Sept. 18	18.72	Nov. 20	17.04		

PHILLIPS COUNTY

1-19-19cc. (MB C) Al Skelton. Dug stock and observation water-table well in Ogallala formation, diameter 10 to 8 feet, depth 33 feet. Measuring point, top of board platform at manhole west side, which is 0.40 foot above lsd. Highest water level 11.38 below lsd, Oct. 23, 1951; lowest 26.01 below lsd, Nov. 19, 1950. Records available: 1947-55. No measurement made in 1956.

4-16-34bb. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 35 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 24.55 below lsd, June 14, 1951; lowest 30.34 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 30.12; June 25, 30.20; Sept. 18, 30.30; Dec. 19, 30.34.

4-16-36aa. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 41 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 1.15 below lsd, July 21, 1951; lowest 30.47 below lsd, Mar. 6, 1956. Records available: 1951-56. Mar. 6, 30.47; June 25, 30.33; Sept. 18, 29.98; Dec. 19, 30.23.

4-16-36ad. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 38 feet. Measuring point, top of pipe, which is 3.60 feet above lsd. Highest water level 24.25 below lsd, Dec. 1952; lowest 27.92 below lsd, July 21, 1951. Records available: 1951-56. Mar. 6, 26.07; June 25, 26.03; Sept. 25, 26.45; Dec. 19, 26.75. Measurement discontinued.

4-18-30ab. (MB C) Sutley Estate. Dug unused water-table well in alluvium, depth 37 feet. Measuring point, top of curb, which is 0.20 foot above lsd. Highest water level 4.76 below lsd, July 25, 1951; lowest 24.42 below lsd, Dec. 19, 1956. Records available: 1945-53, 1955-56. Mar. 6, 19.45; June 25, 19.30; Sept. 18, 21.98; Dec. 19, 24.42.

4-19-35ab. (MB C) Glenn Seeger. Drilled domestic and stock water-table well in alluvium, diameter 10 inches, depth 35 feet. Measuring point, top of casing, which is 1.30 feet above lsd. Highest water level 7.43 below lsd, May 24, 1952; lowest 15.78 below lsd, Jan. 19, 1951. Records available: 1946-56. Mar. 6, 14.10; June 25, 14.50; Sept. 18, 15.16; Dec. 19, 15.55.

4-20-21cc. (MB C) Fred Albrecht. Drilled domestic water-table well in Sanborn formation, diameter 8 inches, depth 152 feet. Measuring point, top

of casing north side, which is 1.00 foot above lsd. Highest water level 47.60 below lsd, Sept. 11, 1952; lowest 49.03 below lsd, Dec. 19, 1956. Records available: 1946-56. Mar. 6, 48.52; June 25, 49.00; Sept. 18, 48.88; Dec. 19, 49.03.

5-17-12aa. (MB C) E. R. Downing and others. Dug domestic and stock water-table well in Sanborn formation, diameter 36 inches, depth 55 feet. Measuring point, top of board platform east side, which is 1.00 foot above lsd. Highest water level 46.29 below lsd, May 14, 1951; lowest 54.20 below lsd, Sept. 30, 1947. Records available: 1946-55. Measurement discontinued.

PRATT COUNTY

26-11-13da. (C) H. C. Jeffers. Drilled unused observation well in dune sand, diameter 8 inches, depth 29 feet. Measuring point, top of casing, which is 1.00 foot above lsd. Highest water level 7.10 below lsd, Aug. 23, 1951; lowest 15.49 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 20, 14.66; June 20, 15.13; Sept. 20, 15.14; Dec. 19, 15.49.

26-13-33bad. (C) E. R. Taylor. Drilled industrial and observation water-table well in dune sand of Quaternary age and Ogallala formation, diameter 8 inches, depth 74 feet. Measuring point, top of casing, which is 1.10 feet above lsd. Highest water level 33.15 below lsd, Jan. 21, 1952; lowest 37.96 below lsd, Mar. 17, 1955. Records available: 1950-55. Measurement discontinued.

26-14-16dd. (C) C. H. Henderson. Drilled unused observation stock well in Meade formation, diameter 6 inches, depth 40 feet. Measuring point, top of casing, which is 0.70 foot above lsd. Highest water level 7.81 below lsd, Sept. 26, 1951; lowest 16.91 below lsd, June 14, 1955. Records available: 1951-55. Measurement discontinued.

29-13-13aa. (C) E. R. Kessler. Drilled unused observation and irrigation well in Meade formation, diameter 10 inches, depth 125 feet. Measuring point, top concrete platform south side, which is 0.40 foot above lsd. Highest water level 87.65 below lsd, June 29, 1953; lowest 92.25 below lsd, Dec. 15, 1954. Records available: 1951-56. Mar. 19, 89.47; June 20, 88.85; Sept. 19, 89.12; Dec. 19, 89.65.

RAWLINS COUNTY

1-33-29cc. (C) Joseph Parker. Drilled stock water-table well in Ogallala formation, diameter 5 inches, depth 125 feet. Measuring point, top of casing south side, which is 0.60 foot above lsd. Highest water level 115.48 below lsd, Feb. 22, 1955; lowest 117.28 below lsd, Nov. 23, 1954. Records available: 1952-56. Feb. 21, 116.18.

3-31-8ba. (C) C. A. Falconer. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 197 feet. Measuring point, top of casing east side, which is 0.30 foot above lsd. Highest water level 191.19 below lsd, June 12, 1952; lowest 196.84 below lsd, Aug. 28, 1956. Records available: 1952-56. Feb. 21, 192.23; May 16, 191.85; Aug. 28, 196.84.

3-36-23bb. (C) C. Sramek. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 193 feet. Measuring point, base of hole in southeast side of casing, which is 0.35 foot above lsd. Highest water level 168.75 below lsd, Aug. 4, 1952; lowest 186.19 below lsd, Nov. 23, 1954. Records available: 1952-56. Feb. 21, 184.48; May 17, 184.45; Nov. 27, 184.32.

4-33-18dd. (C) W. B. Minney. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 103 feet. Measuring point, top of hole drilled in pump base north side, which is 1.30 feet above lsd. Highest water level 86.61 below lsd, Aug. 4, 1952; lowest 88.30 below lsd, Aug. 28, 1956. Records available: 1952-56. May 17, 88.10; Aug. 28, 88.30; Nov. 27, 88.28.

REPUBLIC COUNTY

1-5-7bb. (MB C) U.S.G.S. Driven and drilled observation water-table well in sand, diameter 1¼ inches, depth 13 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 3.20 below lsd, July 24, 1951; lowest 9.62 below lsd, Mar. 28, 1956. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	9.03	May 3	9.20	July 11	6.63	Sept. 19	8.95
Mar. 28	9.62	June 7	9.20	Aug. 8	7.53	Nov. 7	9.42

1-5-7cb. (MB C) U.S.G.S. Drilled observation water-table well in loess and silt, diameter 1¼ inches, depth 25 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 15.38 below lsd, July 24, 1951; lowest 23.02 below lsd, June 7, 1956. Records available: 1947-56.

Feb. 29	22.69	May 3	22.73	July 11	20.78	Sept. 19	21.96
Mar. 28	22.40	June 7	23.02	Aug. 8	21.27	Nov. 7	22.55

1-5-8cb. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 8.52 below lsd, July 11, 1956; lowest 11.38 below lsd; Nov. 7, 1956. Records available: 1955-56.

Feb. 29	10.82	May 3	10.90	July 11	8.52	Sept. 19	10.02
Mar. 28	10.73	June 7	11.26	Aug. 8	9.83	Nov. 7	11.38

1-5-8dc. (MB) U.S.G.S. Jetted observation water-table well in sand and gravel, diameter ¾ inch, depth 19 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 0.70 below lsd, May 3, 1951; lowest 8.57 below lsd, Sept. 1, 1955. Records available: 1950-56.

Feb. 29	6.16	May 3	5.79	July 11	4.50	Sept. 19	7.57
Mar. 28	5.91	June 7	6.38	Aug. 8	6.30	Nov. 7	7.81

1-5-9ba. (MB) U.S.G.S. Jetted observation water-table well in sand, diameter ¾ inch, depth 38 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 19.18 below lsd, May 13, 1952; lowest 24.22 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 23.05; Mar. 27, 22.49; July 18, 22.90.

1-5-14dc. (MB) U.S.G.S. Jetted observation water-table well in sand, diameter ¾ inch, depth 21 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 2.93 below lsd, Mar. 19, 1952; lowest

10.42 below lsd, Oct. 15, 1953. Records available: 1950-56. Jan. 12, 7.78; Mar. 27, 7.39; July 18, 6.95.

1-5-16dd. (MB) U.S.G.S. Jetted observation water-table well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 18 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 9.70 below lsd, June 15, 1951; lowest dry, June 16, 1955. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	13.21	May 3	13.35	Aug. 8	12.95	Nov. 7	13.37
Mar. 28	13.28	July 11	12.58	Sept. 19	13.28		

1-5-17dd. (MB) U.S.G.S. Jetted observation water-table well in sand, diameter $\frac{3}{4}$ inch, depth 39 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 9.10 below lsd, Aug. 6, 1951; lowest 15.53 below lsd, Oct. 15, 1954. Records available: 1950-56.

Feb. 29	14.20	May 3	14.30	July 11	12.17	Sept. 19	14.56
Mar. 28	14.20	June 7	14.40	Aug. 8	13.03	Nov. 7	14.96

1-5-18aa. (MB) U.S.B.R. Drilled observation water-table well in Meade formation, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 2.10 feet above lsd. Highest water level 8.80 below lsd, July 11, 1956; lowest 17.80 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	10.94	May 3	9.80	July 11	8.80	Sept. 19	12.47
Mar. 28	9.93	June 7	11.24	Aug. 8	10.68	Nov. 7	12.20

1-5-18bb. (MB) U.S.B.R. Drilled observation water-table well in Meade formation, diameter $1\frac{1}{4}$ inches, depth 28 feet. Measuring point, top of pipe, which is 1.75 feet above lsd. Highest water level 20.98 below lsd, Sept. 1, 1955; lowest 23.30 below lsd, Mar. 28, 1956. Records available: 1955-56.

Feb. 29	22.78	May 3	22.77	July 11	22.85	Sept. 19	22.77
Mar. 28	23.30	June 7	22.82	Aug. 8	22.70	Nov. 7	22.45

1-5-18cb. (MB) U.S.B.R. Drilled observation water-table well in Meade formation, diameter $1\frac{1}{4}$ inches, depth 62 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 50.91 below lsd, Nov. 7, 1956; lowest 52.18 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	51.91	May 3	51.90	July 11	51.47	Sept. 19	51.60
Mar. 28	51.88	June 7	51.65	Aug. 8	51.20	Nov. 7	50.91

1-5-18da. (MB) U.S.B.R. Drilled observation water-table well in Meade formation, diameter $1\frac{1}{4}$ inches, depth 93 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 70.05 below lsd, Nov. 7, 1956; lowest 70.85 below lsd, May 3, 1956. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	70.80	May 3	70.85	July 11	70.38	Sept. 19	70.27
Mar. 28	70.73	June 7	70.68	Aug. 8	70.25	Nov. 7	70.05

1-5-19cb. (MB) U.S.B.R. Drilled observation water-table well in Meade formation, diameter 1¼ inches, depth 65 feet. Measuring point, top of pipe, which is 2.90 feet above lsd. Highest water level 31.53 below lsd, Sept. 19, 1956; lowest 33.85 below lsd, May 3, 1956. Records available: 1955-56.

Feb. 29	33.83	May 3	33.85	July 11	33.05	Sept. 19	31.53
Mar. 28	32.60	June 7	33.73	Aug. 8	31.57	Nov. 7	32.01

1-5-19cc. (MB) U.S.B.R. Drilled observation water-table well in Meade formation, diameter 1¼ inches, depth 60 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 34.37 below lsd, Nov. 7, 1956; lowest 36.70 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	35.30	May 3	35.25	July 11	34.60	Sept. 19	34.52
Mar. 28	35.22	June 7	35.40	Aug. 8	34.65	Nov. 7	34.37

1-5-20cc. (MB) U.S.B.R. Drilled observation water-table well in Meade formation, diameter 1¼ inches, depth 68 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 38.20 below lsd, Mar. 28, 1956; lowest 43.10 below lsd, Sept. 1, 1955. Records available: 1955-56.

Mar. 28	38.20	June 7	41.33	Aug. 8	40.60	Nov. 7	41.70
May 3	40.80	July 11	40.25	Sept. 19	41.26		

1-5-21cc. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 19.45 below lsd, Aug. 8, 1956; lowest 22.35 below lsd, Sept. 1, 1955. Records available: 1955-56.

Feb. 29	20.92	May 3	20.96	Aug. 8	19.45	Nov. 7	20.30
Mar. 28	20.87	July 11	20.25	Sept. 19	19.54		

1-5-28aa. (MB) U.S.G.S. Jetted observation water-table well in sand, diameter ¾ inch, depth 28 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 13.50 below lsd, Aug. 6, 30, 1951, Dec. 4, 1951; lowest dry, June 16, 1955. Records available: 1950-56.

Feb. 29	16.60	May 3	16.13	Aug. 8	14.73	Nov. 7	15.80
Mar. 28	16.60	July 11	15.83	Sept. 19	15.56		

1-5-32cc. (MB) Fred Morlan. Dug observation water-table well in Meade formation, diameter 96 inches, depth 27 feet. Measuring point, edge of brick

casing, which is at land surface. Highest water level 13.48 below lsd, Aug. 11, 1954; lowest 15.36 below lsd, Mar. 28, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	15.06	May 3	15.30	July 11	13.78	Nov. 7	14.02
Mar. 28	15.36	June 7	15.32	Aug. 8	14.43		

1-5-33ba. (MB) U.S.B.R. Bored observation water-table well in clay, diameter 1¼ inches, depth 13 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 3.60 below lsd, Aug. 6, 1951; lowest dry, Feb. 29, Mar. 28, May 3, June 7, 1956. Records available: 1950-56.

Feb. 29	(b)	May 3	(b)	July 11	7.60	Sept. 19	9.33
Mar. 28	(b)	June 7	(b)	Aug. 8	7.50	Nov. 7	11.40

(b) dry

1-5-34bb. (MB) U.S.B.R. Bored observation well in sandy clay, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 12.90 below lsd, Aug. 6, 1951; lowest dry, Feb. 29, Mar. 28, May 3, June 7, 1956. Records available: 1949-56.

Feb. 29	(b)	May 3	(b)	July 11	20.02	Sept. 19	18.16
Mar. 28	(b)	June 7	(b)	Aug. 8	18.60	Nov. 7	19.50

(b) dry

2-4-18cc. (MB) U.S.G.S. Jetted well, diameter ¾ inch, depth 36 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 10.90 below lsd, July 5, 1951; lowest 18.83 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 18.70; Mar. 27, 18.75; July 18, 17.69.

2-4-18dc. (MB) U.S.G.S. Jetted well, diameter ¾ inch, depth 44 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 22.00 below lsd, Dec. 4, 1951; lowest 31.80 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 30.89; Mar. 27, 31.07; July 18, 31.18.

2-4-31aa. (MB) U.S.G.S. Jetted well, diameter ¾ inch, depth 17 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 0.38 below lsd, Mar. 19, 1952; lowest 8.67 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 8.00; Mar. 27, 7.83; July 18, 7.94.

2-4-32cc. (MB) U.S.G.S. Jetted well in sand, diameter ¾ inch, depth 24 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 0.07 below lsd, Mar. 19, 1952; lowest 13.65 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 10.52; Mar. 27, 8.55; July 18, 5.85.

2-5-2ba. (MB) U.S.G.S. Jetted well, diameter ¾ inch, depth 21 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 6.00 below lsd, Aug. 6, 1951; lowest 10.96 below lsd, Jan. 12, 1956. Records available: 1950-56. Jan. 12, 10.96; Mar. 27, 10.91; July 18, 9.70.

2-5-5dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 14.70 below lsd, July 12, 1956; lowest 17.45 below lsd,

May 9, 1956. Records available: 1956. Mar. 29, 17.39; May 9, 17.45; June 6, 17.44; July 12, 14.70; Sept. 20, 16.52; Nov. 8, 17.26.

2-5-6bbb. (MB) Owner unknown. Drilled well in Sanborn formation, diameter $1\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 39.37 below lsd, Aug. 8, 1956; lowest 40.30 below lsd, July 11, 1956. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	40.15	May 3	40.18	July 11	40.30	Sept. 19	40.28
Mar. 28	40.16	June 7	40.23	Aug. 8	39.37	Nov. 7	40.26

2-5-6dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 46 feet. Measuring point, top of pipe, which is 2.10 feet above lsd. Highest water level 19.77 below lsd, July 12, 1956; lowest 23.99 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 22.90; May 9, 23.21; June 6, 23.52; July 12, 19.77; Sept. 20, 22.03; Nov. 8, 23.99.

2-5-7bb. (MB) U.S.B.R. Jetted observation well, diameter $1\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 23.66 below lsd, Sept. 19, 1956; lowest 26.80 below lsd, June 7, 1956. Records available: 1955-56. May 3, 26.50; June 7, 26.80; July 11, 25.97; Aug. 8, 24.18; Sept. 19, 23.66.

2-5-7dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 40 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 27.55 below lsd, Mar. 29, 1956; lowest 28.20 below lsd, Sept. 20, Nov. 8, 1956. Records available: 1956. Mar. 29, 27.55; May 9, 27.60; June 6, 27.86; July 12, 27.70; Sept. 20, 28.20; Nov. 8, 28.20.

2-5-9aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 27 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest water level 15.10 below lsd, Mar. 29, 1956; lowest 16.25 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 15.10; May 9, 15.11; June 6, 15.40; July 12, 15.50; Sept. 20, 16.18; Nov. 8, 16.25.

2-5-10cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 12.60 below lsd, July 12, 1956; lowest 16.98 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 14.83; May 9, 15.08; June 6, 15.75; July 12, 12.60; Sept. 20, 16.07; Nov. 8, 16.98.

2-5-10dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 42 feet. Measuring point, top of pipe, which is 2.30 feet above lsd. Highest water level 33.00 below lsd, Mar. 29, 1956; lowest 33.32 below lsd, July 12, 1956. Records available: 1956. Mar. 29, 33.00; May 9, 33.03; June 6, 33.08; July 12, 33.32; Sept. 20, 33.27; Nov. 8, 33.10.

2-5-15dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 28.95 below lsd, Mar. 29, 1956; lowest 36.82 below lsd, May 9, 1956. Records available: 1956. Mar. 29, 28.95; May 9, 36.82; June 6, 29.08; July 12, 29.12; Sept. 20, 29.49; Nov. 8, 29.63.

2-5-17aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches,

depth 23 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 13.30 below lsd, June 6, 1956; lowest 13.53 below lsd, Mar. 29, 1956. Records available: 1956. Mar. 29, 13.53; May 9, 13.40; June 6, 13.30; July 12, 13.42; Sept. 20, 13.33; Nov. 8, 13.46.

2-5-18bb. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 49 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 9.05 below lsd, July 12, 1956; lowest 11.87 below lsd, June 6, 1956. Records available: 1956. Mar. 29, 11.80; May 9, 11.80; June 6, 11.87; July 12, 9.05; Sept. 20, 10.82; Nov. 8, 11.53.

2-5-18dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 30 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 17.51 below lsd, Mar. 29, 1956; lowest 18.15 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 17.51; May 9, 17.73; June 6, 18.00; Sept. 20, 17.84; Nov. 8, 18.15.

2-5-19cc. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, which is 2.90 feet above lsd. Highest water level 6.94 below lsd, July 12, 1956; lowest 9.10 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 8.41; May 9, 8.38; June 6, 8.66; July 12, 6.94; Sept. 20, 8.30; Nov. 8, 9.10.

2-5-20aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 23.45 below lsd, July 12, 1956; lowest 25.65 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 24.14; May 9, 24.00; June 6, 24.44; July 12, 23.45; Sept. 20, 25.65; Nov. 8, 25.60.

2-5-20dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 13.35 below lsd, July 12, 1956; lowest 17.14 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 16.14; May 9, 16.31; June 6, 16.55; July 12, 13.35; Sept. 20, 16.83; Nov. 8, 17.14.

2-5-21aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 23.88 below lsd, Mar. 29, 1956; lowest 24.99 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 23.88; May 9, 23.98; June 6, 24.12; July 12, 24.25; Sept. 20, 24.72; Nov. 8, 24.99.

2-5-23dd. (MB) U.S.G.S. Jetted well, diameter ¾ inch, depth 13 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 2.30 below lsd, July 5, 1951; lowest 8.75 below lsd, May 9, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	8.10	May 9	8.75	July 12	7.25	Nov. 8	8.21
Mar. 29	8.72	June 6	8.46	Sept. 20	8.12		

2-5-27aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 59 feet. Measuring point, top of pipe, which is 2.10 feet above lsd. Highest water level 33.40 below lsd, Mar. 29, 1956; lowest 34.50 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 33.40; May 9, 33.75; June 6, 33.81; July 12, 33.83; Sept. 20, 34.31; Nov. 8, 34.50.

2-5-27cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 43 feet. Measuring point, top of pipe, which is 2.70 feet above lsd. Highest water level 28.21 below lsd, July 12, 1956; lowest 29.86 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 28.30; May 9, 28.44; June 6, 29.03; July 12, 28.21; Sept. 20, 29.70; Nov. 8, 29.86.

2-5-28aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 2.10 feet above lsd. Highest water level 16.85 below lsd, July 12, 1956; lowest 18.92 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 17.04; May 9, 17.82; June 9, 18.17; July 12, 16.85; Sept. 20, 18.58; Nov. 8, 18.92.

2-5-28cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 40 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 13.46 below lsd, Mar. 29, 1956; lowest 14.59 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 13.46; May 9, 13.62; June 6, 13.80; July 12, 13.70; Sept. 20, 14.26; Nov. 8, 14.59.

2-5-30aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 29 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 23.98 below lsd, Mar. 29, 1956; lowest 24.49 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 23.98; May 9, 24.07; June 6, 24.15; July 12, 24.20; Sept. 20, 24.49; Nov. 8, 24.40.

2-5-31aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 22.46 below lsd, May 9, 1956; lowest 23.08 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 22.85; May 9, 22.46; June 6, 22.85; July 12, 22.84; Sept. 20, 22.88; Nov. 8, 23.08.

2-5-31dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 20.38 below lsd, July 12, 1956; lowest 22.77 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 21.00; May 9, 21.10; June 6, 21.43; July 12, 20.38; Sept. 20, 21.99; Nov. 8, 22.77.

2-5-35bb. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 70 feet. Measuring point, top of pipe, which is 0.30 foot above lsd. Highest water level 34.55 below lsd, Mar. 29, 1956; lowest 35.53 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 34.55; May 9, 34.60; June 6, 34.90; July 12, 34.80; Sept. 20, 35.28; Nov. 8, 35.53.

2-5-35dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 52 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 38.38 below lsd, June 6, 1956; lowest 38.92 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 38.40; May 9, 38.45; June 6, 38.48; July 12, 38.38; Sept. 20, 38.92.

2-5-36ab. (MB) U.S.G.S. Jetted well, diameter $\frac{3}{4}$ inch, depth 28 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 16.10 below lsd, Aug. 6, 1951; lowest 22.24 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 21.65; Mar. 27, 21.27; July 18, 22.10.

3-4-17bb. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 22 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 2.00 below lsd, July 3, 1951; lowest 10.95 below lsd, Sept. 20, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26	9.38	May 9	9.11	July 12	9.18	Nov. 8	10.55
Mar. 29	9.25	June 6	9.98	Sept. 20	10.95		

3-4-17cc. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 1.20 below lsd, July 3, 1951; lowest 8.99 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 26, 8.35; Mar. 29, 8.08; May 9, 8.73; Nov. 8, 7.90.

3-4-28ab. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 43 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 17.70 below lsd, Aug. 1, 1951; lowest 28.04 below lsd, Mar. 27, 1956. Records available: 1950-56. Jan. 12, 27.76; Mar. 27, 28.04.

3-4-29ab. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 25 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 2.50 below lsd, July 2, 1951; lowest 9.64 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 9.29; Mar. 27, 9.25; July 18, 9.15.

3-4-30ba. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 48 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 42.79 below lsd, May 9, 1956; lowest 44.89 below lsd, June 6, 1956. Records available: 1956. Mar. 29, 44.50; May 9, 42.79; June 6, 44.89; July 12, 44.30; Sept. 20, 44.70; Nov. 8, 44.23.

3-4-32cc. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 16 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 0.70 below lsd, June 13, 1951; lowest 8.15 below lsd, Nov. 8, 1956. Records available: 1950-56. Jan. 26, 6.84; Mar. 29, 6.55; May 9, 5.85; Sept. 20, 6.80; Nov. 8, 8.15.

3-5-1ab. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 27 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 2.80 below lsd, June 15, 1951; lowest 13.73 below lsd, Nov. 8, 1956. Records available: 1950-56. Jan. 26, 12.19; Mar. 29, 12.17; May 9, 12.42; July 12, 12.46; Sept. 20, 12.95; Nov. 8, 13.73.

3-5-2ba. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 18.66 below lsd, Mar. 29, May 9, 1956; lowest 19.86 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 18.66; May 9, 18.66; June 6, 18.93; July 12, 18.94; Sept. 20, 19.59; Nov. 8, 19.86.

3-5-3aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 27 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 16.45 below lsd, July 12, 1956; lowest 18.25 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 17.47; May 9, 17.58; June 6, 17.81; July 12, 16.45; Sept. 20, 18.25; Nov. 8, 17.40.

3-5-3cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 24.48 below lsd, May 9, 1956; lowest 27.91 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 24.50; May 9, 24.48; June 6, 25.53; July 12, 25.30; Sept. 20, 27.70; Nov. 8, 27.91.

3-5-4aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 47 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 23.83 below lsd, May 9, 1956; lowest 25.32 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 24.98; May 9, 23.83; June 6, 24.02; July 12, 24.24; Sept. 20, 24.78; Nov. 8, 25.32.

3-5-5aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 52 feet. Measuring point, top of pipe, which is 1.90 feet above lsd. Highest water level 14.95 below lsd, July 12, 1956; lowest 15.58 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 15.02; May 9, 15.16; June 6, 15.30; July 12, 14.95; Sept. 20, 15.50; Nov. 8, 15.58.

3-5-5dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 55 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 21.43 below lsd, July 12, 1956; lowest 23.85 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 22.52; May 9, 22.55; June 6, 22.90; July 12, 21.43; Sept. 20, 23.37; Nov. 8, 23.85.

3-5-6dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 36 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 18.42 below lsd, May 9, 1956; lowest 21.78 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 18.43; May 9, 18.42; June 6, 19.38; July 12, 18.93; Sept. 20, 21.11; Nov. 8, 21.78.

3-5-8cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest water level 16.46 below lsd, July 12, 1956; lowest dry, June 6, Nov. 8, 1956. Records available: 1956. Mar. 29, 20.60; May 9, 20.76; June 6, dry; July 12, 16.46; Sept. 20, 21.05; Nov. 8, dry.

3-5-9dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 20.46 below lsd, July 12, 1956; lowest 23.35 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 21.96; May 9, 22.05; June 6, 22.55; July 12, 20.46; Sept. 20, 22.58; Nov. 8, 23.35.

3-5-10aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 24.36 below lsd, Mar. 29, 1956; lowest 25.90 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 24.36; May 9, 24.90; June 6, 25.08; July 12, 25.26; Sept. 20, 25.57; Nov. 8, 25.90.

3-5-11cc. (MB) U.S.B.R. Bored well in clay, diameter $1\frac{1}{4}$ inches, depth 17 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 6.89 below lsd, May 14, 1952; lowest dry, Mar. 29, July 12, 1956. Records available: 1950-56. Jan. 26, 16.25; Mar. 29, dry; July 12, dry.

3-5-11dd. (MB) Rex Farrell. Dug well, diameter 36 inches, depth 40 feet. Measuring point, top of casing, which is 0.50 foot above lsd. Highest water level 13.71 below lsd, May 14, 1952; lowest 23.08 below lsd, June 6, 1956. Records available: 1950-56. Jan. 26, 20.74; Mar. 9, 22.70; June 6, 23.08; July 12, 22.74.

3-5-12aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 3.30 feet above lsd. Highest water level 19.30 below lsd, Sept. 20, 1956; lowest 19.97 below lsd,

June 6, 1956. Records available: 1956. Mar. 29, 19.82; May 9, 19.92; June 6, 19.97; July 12, 19.51; Sept. 20, 19.30; Nov. 8, 19.71.

3-5-12bb. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 18.83 below lsd, July 12, 1956; lowest 19.37 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 18.90; May 9, 19.08; June 6, 19.18; July 12, 18.83; Sept. 20, 19.25; Nov. 8, 19.37.

3-5-12cd. (MB) U.S.B.R. Driven observation well, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 27.05 below lsd, Mar. 29, 1956; lowest 29.16 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 27.05; May 9, 27.47; June 6, 27.75; July 12, 27.07; Sept. 20, 28.80; Nov. 8, 29.16.

3-5-13cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 21 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 18.30 below lsd, Mar. 29, 1956; lowest 19.22 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 18.30; May 9, 18.54; June 6, 18.68; July 12, 18.70; Sept. 20, 19.10; Nov. 8, 19.22.

3-5-13dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 43 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 35.60 below lsd, Mar. 29, 1956; lowest dry, Sept. 20, Nov. 8, 1956. Records available: 1956. Mar. 29, 35.60; May 9, 37.65; June 6, 39.17; July 12, 38.08; Sept. 20, dry; Nov. 8, dry.

3-5-14cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 26.14 below lsd, May 9, 1956; lowest 27.04 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 26.28; May 9, 26.14; June 6, 26.42; July 12, 26.21; Sept. 20, 26.74; Nov. 8, 27.04.

3-5-16bb. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 67 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 29.40 below lsd, Mar. 29, 1956; lowest 31.06 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 29.40; May 9, 29.55; June 6, 29.86; July 12, 29.54; Sept. 20, 30.57; Nov. 8, 31.06.

3-5-16cd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 54 feet. Measuring point, top of pipe, which is 2.80 feet above lsd. Highest water level 27.75 below lsd, Mar. 29, 1956; lowest 29.93 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 27.75; June 6, 28.40; July 12, 28.22; Sept. 20, 29.56; Nov. 8, 29.93.

3-5-16dd. (MB) U.S.B.R. Bored observation well in clay, diameter $1\frac{1}{4}$ inches, depth 9 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 0.98 below lsd, Mar. 20, 1952; lowest dry, Jan. 26, Sept. 20, Nov. 8, 1956. Records available: 1949-56. Jan. 26, dry; Mar. 29, 8.60; May 9, 8.99; June 6, 9.00; July 12, 6.62; Sept. 20, dry; Nov. 8, dry.

3-5-18cd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 34 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 14.37 below lsd, July 12, 1956; lowest 16.63 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 15.36; May 9, 15.71; June 6, 16.28; July 12, 14.37; Sept. 20, 16.58; Nov. 8, 16.63.

3-5-18dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches,

depth 34 feet. Measuring point, top of pipe, which is 1.70 feet above lsd. Highest water level 22.98 below lsd, July 12, 1956; lowest 24.22 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 23.18; May 9, 24.12; June 6, 23.66; July 12, 22.93; Sept. 20, 23.45; Nov. 8, 24.22.

3-5-20ab. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 34 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 20.94 below lsd, Mar. 29, 1956; lowest 23.80 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 20.94; May 9, 21.18; June 6, 21.62; July 12, 21.53; Sept. 20, 23.14; Nov. 8, 23.80.

3-5-20cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 0.60 foot above lsd. Highest water level 20.05 below lsd, Mar. 29, 1956; lowest dry, Sept. 20, Nov. 8, 1956. Records available: 1956. Mar. 29, 20.05; May 9, 21.60; June 6, 22.06; July 12, 22.00; Sept. 20, dry; Nov. 8, dry.

3-5-21cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 25.50 below lsd, Mar. 29, 1956; lowest 27.62 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 25.50; May 9, 25.80; June 6, 26.26; July 12, 26.50; Sept. 20, 27.23; Nov. 8, 27.62.

3-5-21dd. (MB) U.S.B.R. Bored well in clay, diameter $1\frac{1}{4}$ inches, depth 16 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 4.80 below lsd, May 14, 1952; lowest dry, June 6, Sept. 20, Nov. 8, 1956. Records available: 1949-56. Jan. 26, 12.21; Mar. 29, 14.17; May 9, 14.98; June 6, dry; Sept. 20, dry; Nov. 8, dry.

3-5-22cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 26.10 below lsd, Mar. 29, 1956; lowest 30.62 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 26.10; May 9, 26.72; June 6, 27.74; July 12, 27.80; Sept. 20, 30.62; Nov. 8, 30.00.

3-5-29cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 28 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 20.10 below lsd, July 12, 1956; lowest 23.56 below lsd, June 6, 1956. Records available: 1956. Mar. 29, 21.54; May 9, 22.21; June 6, 23.56; July 12, 20.10; Sept. 20, 21.80; Nov. 8, 22.33.

3-5-33cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 29 feet. Measuring point, top of pipe, which is 2.80 feet above lsd. Highest water level 22.68 below lsd, Mar. 29, 1956; lowest 23.57 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 22.68; June 6, 23.18; July 12, 23.23; Sept. 20, 23.57; Nov. 8, 23.49.

3-5-35bb. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 14.70 below lsd, July 12, 1956; lowest 17.36 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 16.58; May 9, 16.44; June 6, 16.35; July 12, 14.70; Sept. 20, 17.36; Nov. 8, 17.07.

4-4-4aa. (MB) U.S.G.S. Jetted well in silt and clay, diameter $\frac{3}{4}$ inch, depth 40 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 7.05 below lsd, Feb. 23, 1950; lowest 19.72 below lsd,

July 18, 1956. Records available: 1950-56. Jan. 12, 19.39; Mar. 27, 19.68; July 18, 19.72.

4-4-4cc. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 20 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 4.50 below lsd, July 2, 1951; lowest 12.39 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 11.75; Mar. 27, 11.82; July 18, 11.94.

4-4-5aa. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 34 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 1.80 below lsd, Aug. 1, 1951; lowest 7.05 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 6.76; Mar. 27, 6.85; July 18, 6.76.

4-4-6dc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 55 feet. Measuring point, top of pipe, which is 2.20 feet above lsd. Highest water level 50.23 below lsd, Nov. 8, 1956; lowest 50.68 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 50.33; June 6, 50.30; July 12, 50.60; Sept. 20, 50.68; Nov. 8, 50.23.

4-4-17dc. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 2.00 below lsd, June 13, 1951; lowest 7.34 below lsd, Mar. 27, 1956. Records available: 1950-56. Jan. 12, 7.23; Mar. 27, 7.34; July 18, 7.12.

4-4-21aa. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 45 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 7.00 below lsd, Aug. 1, 1951; lowest 19.15 below lsd, July 18, 1956. Records available: 1950-56. Jan. 12, 18.55; Mar. 27, 18.60; July 18, 19.15.

4-4-21bb. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 23 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 2.40 below lsd, Aug. 1, 1951; lowest 9.29 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 12, 9.02; Mar. 27, 9.09; July 18, 9.27.

4-4-28cc. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 1.30 below lsd, Aug. 1, 1951; lowest dry, entire year of 1953. Records available: 1950-56. Jan. 12, 8.84; Mar. 27, 8.86; July 18, 8.91.

4-4-29cb. (MB) U.S.G.S. Jetted well in sand, diameter $\frac{3}{4}$ inch, depth 28 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 13.40 below lsd, July 3, 1951; lowest 19.59 below lsd, Sept. 22, 1955. Records available: 1950-56. Jan. 26, 18.60; Mar. 27, 14.02; July 18, 13.68.

4-5-1ac. (MB) U.S.B.R. Drilled well, diameter 12 inches, depth 79 feet. Measuring point, top of tile, which is at land surface. Highest water level 28.00 below lsd, Sept. 20, 1949; lowest 34.97 below lsd, Sept. 22, 1955. Records available: 1949-56. Jan. 26, 34.90; Mar. 29, 34.90; May 9, 34.85.

4-5-1dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 63 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 24.39 below lsd, May 9, 1956; lowest 26.33 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 24.45; May 9, 24.39; June 6, 24.91; July 12, 25.64; Sept. 20, 26.33; Nov. 8, 26.32.

4-5-2cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 22.60 below lsd, Mar. 29, May 9, 1956; lowest 25.64 below

lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 22.60; May 9, 22.60; June 6, 23.29; July 12, 23.82; Sept. 20, 25.12; Nov. 8, 25.64.

4-5-4dd. (MB) U.S.B.R. Driven observation well, diameter $1\frac{1}{4}$ inches, depth 21 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 15.25 below lsd, June 6, 1956; lowest 17.61 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 15.58; May 9, 15.65; June 6, 15.25; July 12, 16.64; Sept. 20, 17.61.

4-5-5dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 20.53 below lsd, Mar. 29, 1956; lowest dry, Nov. 8, 1956. Records available: 1956. Mar. 29, 20.53; May 9, 20.80; June 6, 20.98; July 12, 21.00; Sept. 20, 20.67; Nov. 8, dry.

4-5-9cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 1.00 feet above lsd. Highest water level 15.00 below lsd, July 12, 1956; lowest 16.63 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 15.82; May 9, 15.87; June 6, 16.00; July 12, 15.00; Sept. 20, 16.20; Nov. 8, 16.63.

4-5-11cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 17.10 below lsd, Mar. 29, 1956; lowest 18.76 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 17.10; May 9, 17.30; June 6, 17.43; July 12, 17.70; Sept. 20, 18.32; Nov. 8, 18.76.

4-5-14aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 15.33 below lsd, Mar. 29, 1956; lowest 18.34 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 15.33; May 9, 15.70; June 6, 16.40; July 12, 16.68; Sept. 20, 17.85; Nov. 8, 18.34.

4-5-15bb. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 35 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 27.10 below lsd, May 9, 1956; lowest 28.53 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 27.48; May 9, 27.10; June 6, 27.53; July 12, 27.83; Sept. 20, 28.34; Nov. 8, 28.53.

4-5-15cc. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 19 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 7.45 below lsd, Mar. 29, 1956; lowest 11.63 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 7.45; May 9, 8.10; June 6, 8.88; July 12, 7.50; Sept. 20, 10.68; Nov. 8, 11.63.

4-5-15dd. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 20.85 below lsd, Mar. 29, 1956; lowest 21.78 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 20.85; May 9, 21.00; June 6, 21.23; July 12, 21.40; Sept. 20, 21.60; Nov. 8, 21.78.

4-5-17bb. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 19.05 below lsd, May 9, 1956; lowest 20.49 below lsd, Nov. 8, 1956. Records available: 1956. Mar. 29, 19.08; May 9, 19.05; June 6, 19.45; July 12, 19.55; Sept. 20, 19.85; Nov. 8, 20.49.

4-5-23aa. (MB) U.S.B.R. Drilled observation well, diameter $1\frac{1}{4}$ inches,

depth 25 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 14.50 below lsd, Mar. 29, 1956; lowest 16.10 below lsd, Sept. 20, 1956. Records available: 1956. Mar. 29, 14.50; May 9, 15.49; June 6, 14.90; July 12, 14.95; Sept. 20, 16.10; Nov. 8, 15.70.

RICE COUNTY

18-6-13bc. (C) F. Kasparek. Drilled unused water-table well in Kiowa shale, diameter 6 inches, depth 107 feet. Measuring point, top of casing south side, which is 0.90 foot above lsd. Highest water level 10.17 below lsd, Oct. 23, 1951; lowest 13.14 below lsd, Jan. 6, 1948. Records available: 1946-54. Measurement discontinued.

18-7-10ad. (C) G. J. O'Neill. Dug unused water-table well in Dakota formation, diameter 4 feet, depth 47 feet, cribbed with rock. Measuring point, top of concrete curb, which is 0.20 foot above lsd. Highest water level 29.97 below lsd, July 31, 1951; lowest 44.55 below lsd, Apr. 18, 1954. Records available: 1946-54. Measurement discontinued.

18-8-10dc. (C) C. Dobrinski. Dug unused water-table well in terrace deposit of Quaternary age, diameter 36 inches, depth 59 feet. Measuring point, top of wooden cover at land surface. Highest water level 38.90 below lsd, Dec. 7, 1952; lowest 42.18 below lsd, Dec. 5, 1946. Records available: 1946-52, 1954. Measurement discontinued.

19-6-13dd. (C) W. M. Myers. Drilled unused water-table well in shale of Permian age, diameter 8 inches, depth 77 feet. Measuring point, top of casing south side, which is 3.00 feet above lsd. Highest water level 31.80 below lsd, Dec. 7, 1952; lowest 41.12 below lsd, Jan. 6, 1948. Records available: 1946-54. Measurement discontinued.

19-7-24ab. (C) J. P. Pulliam. Dug unused water-table well from sandstone in Kiowa shale (of Moore, 1932), diameter 36 inches, depth 41 feet, cribbed with brick. Measuring point, top of brick curb, which is 0.10 foot above lsd. Highest water level 24.75 below lsd, July 31, 1951; lowest 36.85 below lsd, Apr. 18, 1954. Records available: 1946-54. Measurement discontinued.

19-10-22bc. (C) J. R. Bowman. Drilled unused water-table well in terrace gravel, diameter 8 inches, depth 68 feet. Measuring point, top of steel casing south side, which is 1.00 foot above lsd. Highest water level 1.02 below lsd, Sept. 23, 1950; lowest 8.00 below lsd, Oct. 4, 1946. Records available: 1946-53. Measurement discontinued.

20-6-23cd. (C) School district. Drilled unused water-table well in Ninnescah shale, depth 75 feet. Measuring point, top of concrete curb, which is 0.30 foot above lsd. Highest water level 4.57 below lsd, Apr. 7, 1948; lowest 21.90 below lsd, Apr. 15, 1950. Records available: 1946-52, 1954. Measurement discontinued.

20-10-28ba. (C) H. Thompson. Drilled unused water-table well in terrace gravel, diameter 8 inches, depth 30 feet. Measuring point, top of casing, which is 0.80 foot above lsd. Highest water level 8.85 below lsd, July 30, 1951; lowest 13.55 below lsd, Apr. 18, 1954. Records available: 1946-54. Measurement discontinued.

21-8-20cc. (C) R. J. Dill. Drilled unused water-table well in alluvium,

diameter 14 inches, depth 39 feet. Measuring point, top of concrete block curb, which is at land surface. Highest water level 4.98 below lsd, Aug. 5, 1948; lowest 8.76 below lsd, Oct. 3, 1947. Records available: 1946-54. Measurement discontinued.

RUSH COUNTY

18-20-23cd. (C) Owner unknown. Observation water-table well in Niobrara formation, diameter 5 inches, depth 50 feet. Measuring point, top of casing north side, which is 1.60 feet above lsd. Highest water level 23.78 below lsd, Feb. 4, 1954; lowest 35.80 below lsd, Oct. 23, 1956. Records available: 1954-56. Jan. 17, 34.95; Apr. 17, 34.83; July 25, 35.09; Oct. 23, 35.80.

RUSSELL COUNTY

45. (C) Jacob Flegler. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 15 S., R. 14 W. Dug stock water-table well in alluvium, diameter 28 to 32 inches, depth 27 feet, cribbed with rock. Measuring point, top edge of rock casing east side, which is 0.70 foot above lsd. Highest water level 18.39 below lsd, July 12, 1945; lowest 24.28 below lsd, Aug. 20, 1941. Records available: 1941-56. Jan. 17, 21.06; Apr. 17, 21.33; July 25, 20.75; Oct. 23, 21.58.

80. (C) Joseph Furthmyer, Jr. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 14 S., R. 15 W. Dug unused water-table well in deposits of Tertiary age, diameter 5 feet, depth 15 feet, cribbed with rock. Measuring point, top edge of rock casing east side, which is 0.80 foot above lsd. Highest water level 3.40 below lsd, Apr. 14, 1942; lowest 7.76 below lsd, June 29, 1943. Records available: 1941-56. Jan. 17, 5.32; Apr. 17, 5.11; July 25, 5.38; Oct. 23, 6.11.

81. (C) Joseph Furthmyer, Jr. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 14 S., R. 15 W. Drilled stock water-table well in Dakota formation, diameter 6 inches, depth 224 feet. Measuring point, top edge of casing west side, which is 0.30 foot above lsd. Highest water level 101.85 below lsd, Aug. 29, 1941; lowest 134.71 below lsd, July 10, 1947. Records available: 1941-56. Jan. 17, 119.73; Apr. 17, 119.45; July 25, 120.02; Oct. 23, 120.56.

117. (C) Marie Dutt and others. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 13 S., R. 14 W. Dug unused water-table well in alluvium, diameter 26 to 32 inches, depth 14 feet, cribbed with rock. Measuring point, top edge of rock casing north side, which is 0.30 foot above lsd. Highest water level 4.70 below lsd, Apr. 13, 1942; lowest 10.61 below lsd, Dec. 20, 1943. Records available: 1941-56. Jan. 17, 8.08; Apr. 17, 8.40; July 25, 9.20; Oct. 23, 9.54.

146. (C) D. P. Steinle. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 14 S., R. 12 W. Dug unused water-table well in terrace deposits of Pleistocene age, diameter 28 inches, depth 17 feet, cribbed with rock. Measuring point, top edge of rock casing north side, which is 0.60 foot above lsd. Highest water level 12.60 below lsd, July 29, 1952; lowest 16.20 below lsd, Sept. 1, 1942. Records available: 1941-56. Jan. 17, 14.05; Apr. 17, 14.15; July 25, 14.39; Oct. 23, 14.63.

148. (C) John Penix. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 14 S., R. 13 W. Dug domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 28 to 36 inches, depth 12 feet, cribbed with rock. Measuring point, top edge of rock casing south side, which is 1.30 feet above lsd. Highest water level 3.13 below lsd, Apr. 16, 1952; lowest 7.93 below lsd, July 25, 1956. Records available: 1941-56. Apr. 17, 6.60; July 25, 7.93.

149. (C) George Boxberger, Jr. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 14 S., R. 14 W. Dug unused water-table well in Greenhorn limestone, diameter 32 to 36 inches, depth 23 feet, cribbed with rock. Measuring point, top edge of rock casing west side, which is 1.30 feet above lsd. Highest water level 17.24 below lsd, July 29, 1952; lowest 21.54 below lsd, June 29, 1943. Records available: 1941-56. Jan. 17, 20.40; Apr. 17, 19.73; July 25, 20.16; Oct. 23, 20.18.

SALINE COUNTY

14-2-19dc. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 4.11 below lsd, Aug. 17, 1951; lowest 21.57 below lsd, Dec. 17, 1956. Records available: 1951-53, 1955-56. Jan. 4, 20.65; May 11, 20.61; July 31, 20.88; Sept. 7, 21.15; Dec. 17, 21.57.

14-2-30cd. (MB) U.S.G.S. Jetted well in sand and terrace deposits, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 2.30 feet above lsd. Highest water level 1.13 below lsd, Oct. 1, 1951; lowest 17.77 below lsd, Aug. 19, 1955. Records available: 1951-53, 1955-56. Jan. 4, 16.02; May 11, 16.15; July 31, 16.29; Sept. 7, 16.33; Dec. 17, 16.48.

14-3-25ad. (MB) U.S.G.S. Jetted well in sand and terrace deposits, diameter $\frac{3}{4}$ inch, depth 25 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 0.08 below lsd, Aug. 17, 1951; lowest 17.30 below lsd, Sept. 7, 1956. Records available: 1951-53, 1955-56. Jan. 4, 16.44; May 11, 16.58; July 31, 17.07; Sept. 7, 17.30; Dec. 17, 16.66.

15-2-17cd. (MB C) U.S.G.S. Driven and drilled observation water-table well in alluvium and terrace deposits, diameter 1 $\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 0.40 foot above lsd. Highest water level 9.58 below lsd, Oct. 1, 1951; lowest 27.40 below lsd, May 11, 1956. Records available: 1946-56. Jan. 4, 25.65; May 11, 27.40; Sept. 7, 27.15; Dec. 17, 27.24.

15-2-18cd. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter 1 $\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 11.50 below lsd, Sept. 18, 1951; lowest 28.65 below lsd, Sept. 7, 1956. Records available: 1946-56. Jan. 4, 26.39; May 11, 26.92; July 31, 27.53; Sept. 7, 28.65; Dec. 17, 27.65.

15-2-19bb. (MB) U.S.G.S. Jetted well, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 11.34 below lsd, Feb. 26, 1952; lowest 25.34 below lsd, Dec. 7, 1956. Records available: 1951-53, 1955-56. Jan. 4, 23.55; May 11, 23.83; July 31, 24.21; Sept. 7, 24.63; Dec. 17, 25.34.

15-2-30dc. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter 1 $\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 6.56 below lsd, July 24, 1951; lowest 24.52 below lsd, Dec. 17, 1956. Records available: 1946-53, 1955-56. Jan. 4, 23.60; May 11, 23.91; July 31, 24.19; Sept. 7, 24.35; Dec. 17, 24.52.

15-2-31ccc. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 27 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 7.92 below lsd, Nov. 9, 1951; lowest 17.17 below lsd,

Dec. 17, 1956. Records available: 1950-53, 1955-56. Jan. 4, 15.49; May 11, 15.10; July 31, 16.53; Sept. 7, 16.73; Dec. 17, 17.17.

15-2-32baa. (MB) U.S.G.S. Jetted observation well in sand, diameter $\frac{3}{4}$ inch, depth 31 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 13.72 below lsd, Aug. 17, 1951; lowest 27.60 below lsd, Oct. 5, 1950. Records available: 1950-53, 1955-56. Jan. 4, 24.65; May 11, 24.78.

15-3-12ab. (MB) U.S.G.S. Jetted well, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 6.31 below lsd, Oct. 1, 1951; lowest 24.82 below lsd, Dec. 17, 1956. Records available: 1951-53, 1955-56. Jan. 4, 23.30; May 11, 23.68; July 31, 24.22; Sept. 7, 24.58; Dec. 17, 24.82.

15-3-12dd. (MB) U.S.G.S. Jetted well, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 10.02 below lsd, Nov. 9, 1951; lowest 24.78 below lsd, Dec. 17, 1956. Records available: 1951-53, 1955-56. Jan. 4, 22.99; May 11, 23.30; July 31, 23.46; Sept. 7, 23.73; Dec. 17, 24.78.

15-3-24dd. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter $1\frac{1}{4}$ inches, depth 35 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 4.30 below lsd, July 24, 1951; lowest 24.52 below lsd, Dec. 17, 1956. Records available: 1946-53, 1955-56. Jan. 4, 22.99; May 11, 22.98; July 31, 23.88; Sept. 7, 24.02; Dec. 17, 24.52.

15-3-25ccd. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 7.20 below lsd, Aug. 17, 1951; lowest dry, May 11, 1956. Records available: 1950-53, 1955-56. Jan. 4, 17.08; May 11, dry; July 31, 18.17; Sept. 7, 18.20; Dec. 17, 18.20.

15-3-36ab. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter $1\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 17.57 below lsd, Nov. 9, 1951; lowest 31.59 below lsd, Sept. 7, 1956. Records available: 1946-53, 1955-56. Jan. 4, 29.40; May 11, 29.39; July 31, 31.24; Sept. 7, 31.59; Dec. 17, 31.58.

16-2-7bb. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter $1\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 10.29 below lsd, July 24, 1951; lowest 23.25 below lsd, Dec. 18, 1956. Records available: 1946-53, 1955-56. Jan. 4, 22.50; May 11, 22.95; July 31, 23.15; Sept. 7, 23.20; Dec. 18, 23.25.

16-2-8ccc. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 31 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 7.94 below lsd, Oct. 20, 1950; lowest 25.39 below lsd, Dec. 17, 1956. Records available: 1950-53, 1955-56. Jan. 4, 25.04; May 11, 25.05; July 31, 25.23; Sept. 7, 25.31; Dec. 17, 25.39.

16-2-18cc. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter $1\frac{1}{4}$ inches, depth 36 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 11.76

below lsd, Aug. 17, 1951; lowest 27.07 below lsd, Dec. 17, 1956. Records available: 1946-53, 1955-56. Jan. 4, 26.45; May 11, 26.83; Sept. 7, 26.93; Dec. 17, 27.07.

16-2-19ab. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter $1\frac{1}{4}$ inches, depth 36 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 10.03 below lsd, Aug. 17, 1951; lowest 24.80 below lsd, May 11, 1956. Records available: 1946-53, 1955-56. Jan. 4, 24.35; May 11, 24.80.

16-3-12bcb. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 6.10 below lsd, Oct. 1, 1951; lowest 23.10 below lsd, Nov. 21, 1950. Records available: 1950-53, 1955-56. Jan. 4, 15.10; May 11, 15.40; July 31, 15.65; Sept. 7, 15.82; Dec. 17, 16.10.

16-3-13aaa. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 13.18 below lsd, Oct. 1, 1951; lowest 22.11 below lsd, July 31, Sept. 7, 1956. Records available: 1950-53, 1955-56. Jan. 4, 22.09; May 11, 21.85; July 31, 22.11; Sept. 7, 22.11; Dec. 17, 22.10.

16-3-13cd. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter $1\frac{1}{4}$ inches, depth 48 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 11.64 below lsd, Oct. 1, 1951; lowest 26.25 below lsd, Sept. 7, 1956. Records available: 1946-53, 1955-56. Jan. 4, 25.00; May 11, 25.70; July 31, 26.10; Sept. 7, 26.25; Dec. 17, 26.07.

16-3-26dc. (MB C) U.S.G.S. Driven and drilled observation water-table well in terrace deposits, diameter $1\frac{1}{4}$ inches, depth 26 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 4.96 below lsd, July 24, 1951; lowest 23.61 below lsd, Sept. 7, 1956. Records available: 1946-56. Jan. 4, 21.99; May 11, 22.80; July 31, 23.30; Sept. 7, 23.61; Dec. 17, 23.00.

16-3-33ddd. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 40 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 8.77 below lsd, Oct. 1, 1951; lowest 21.28 below lsd, Sept. 7, 1956. Records available: 1951-53, 1955-56. Jan. 4, 19.90; May 11, 19.95; July 31, 20.77; Sept. 7, 21.28; Dec. 17, 20.96.

SCOTT COUNTY

1. (C) Mrs. Rosine Smith. NW $\frac{1}{4}$ sec. 9, T. 20 S., R. 33 W. Drilled observation water-table well in Ogallala formation, diameter 24 inches, depth 100 feet. Measuring point, top of circular edge of pump base, which is 0.80 foot above lsd. Highest water level 55.89 below lsd, May 14, 16, 1934; lowest dry, Jan. 12, Mar. 22, Nov. 19, Dec. 17, 1956. Records available: 1931-56. Jan. 12, dry; Mar. 22, dry; May 2, 72.38; June 12, 72.31; Nov. 19, dry; Dec. 17, dry. Affected by irrigation well 300 feet south.

1A. (C) Division of Water Resources. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 20 S., R. 33 W. Drilled observation water-table well in Ogallala formation, diameter 7 inches, depth 69 feet. Measuring point, 0.80 foot above lsd. Highest water level 53.42 below lsd, Aug. 16, 18, 1940; lowest dry, various dates in 1956.

Records available: 1940-56. Water levels are taken from recorder graph as follows: Jan. 12, 64.44; Feb. 29, 65.03; Mar. 22, 65.10; dry for rest of the year following Mar. 22.

2. (C) E. E. Coffin. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, T. 18 S., R. 33 W. Drilled unused water-table well in deposits of Pleistocene age, diameter 18 inches, depth 47 feet. Measuring point at land surface. Highest water level 20.48 below lsd, June 11, 1952; lowest 45.50 below lsd, Dec. 17, 1956. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	39.93	June 12	40.79	Aug. 6	42.22	Dec. 17	45.50
May 2	40.32	July 11	43.42	Oct. 16	43.28		

2A. (C) State of Kansas. SE $\frac{1}{4}$ sec. 26, T. 18 S., R. 33 W. Drilled observation water-table well, diameter 8 inches, depth 60 feet. Measuring point, 0.30 foot above lsd. Highest water level 19.85 below lsd, May 8, 1952; lowest 43.70 below lsd, Sept. 20, 25, 1956. Records available: 1944-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	38.50	38.70	38.29	38.37	38.85	.....	41.26	41.97	43.16	43.65	43.45	43.67
10	38.55	38.61	38.26	38.42	39.31	.....	41.58	42.05	43.44	43.56	43.42	43.60
15	38.50	38.53	38.26	38.53	39.87	40.57	41.75	42.39	43.56	43.47	43.56	43.55
20	38.64	38.47	38.21	38.93	40.24	40.85	41.75	42.53	43.70	43.46	43.57	43.48
25	38.63	38.39	38.25	38.81	.....	41.01	42.05	42.61	43.70	43.48	43.57	43.41
30	38.67	.....	38.32	38.80	.....	41.17	42.23	42.87	43.66	43.51	43.59	43.35

19. (C) Mr. Fouquet. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 18 S., R. 33 W. Drilled irrigation water-table well in Ogallala formation, diameter 12 inches, depth 71 feet. Measuring point, top of hole in pump base, which is 1.00 foot above lsd. Highest water level 43.38 below lsd, May 26, 1952; lowest 65.89 below lsd, Dec. 17, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	55.14	May 8	56.52	Aug. 6	62.30	Nov. 19	60.32
Mar. 22	54.51	June 12	57.49	Sept. 12	64.02	Dec. 17	65.89
Apr. 24	55.03	July 11	59.89	Oct. 16	62.88		

32. (C) E. J. Roark. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, T. 19 S., R. 33 W. Drilled observation water-table well in Ogallala formation, diameter 1 $\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of casing west side at land surface. Highest water level 31.06 below lsd, June 18, 1951; lowest dry, Sept. 23, 1954, May 2, 1955. Records available: 1939-55. Measurement discontinued.

50. (C) F. M. Houstin. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 19 S., R. 32 W. Drilled unused water-table well in Ogallala formation, diameter 5 inches, depth 129 feet. Measuring point, top of concrete platform, which is 1.50 feet above lsd. Highest water level 86.10 below lsd, Oct. 13, 1953; lowest 97.95 below lsd,

Aug. 6, 1943. Records available: 1939-56. Jan. 12, 86.73; Apr. 24, 86.68; Oct. 16, 86.95.

SEDGWICK COUNTY

12. (C) Dr. A. D. Updegraph. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 25 S., R. 1 W. Drilled observation water-table well in gravel and alluvium, diameter 24 inches, depth 54 feet. Measuring point, steel plate on instrument shelf, which is 2.99 feet above lsd. Highest water level 10.05 below lsd, July 25, 1951; lowest 20.44 below lsd, Dec. 31, 1956. Records available: 1937-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	18.05	Apr. 24	19.38	July 24	19.84	Oct. 24	20.11
23	19.13	May 1	19.39	Aug. 1	19.88	Nov. 1	20.13
31	19.17	13	19.50	24	20.01	23	20.25
Feb. 23	19.25	24	19.43	31	19.03	30	20.32
Mar. 1	19.28	June 22	19.78	Sept. 25	20.13	Dec. 21	20.42
26	19.34	July 2	19.72	Oct. 1	20.13	31	20.44
30	19.36						

26. (C) Wichita Water Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 18, T. 27 S., R. 1 E. Drilled observation water-table well in alluvium, diameter 26 inches, depth 47 feet. Measuring point, steel plate on instrument shelf, which is 3.01 feet above lsd. Highest water level 4.24 below lsd, July 2, 1951; lowest 28.59 below lsd, Sept. 8, 1954. Records available: 1937-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.71	13.88	14.18	13.77	13.41	14.33	17.46	18.09	21.76	23.97	16.00	14.26
10	13.98	14.11	19.16	13.61	13.45	13.56	.....	18.20	21.26	20.49	15.33	14.25
15	13.81	13.72	15.95	13.47	13.71	15.63	16.78	25.81	21.76	21.17	14.91	14.17
20	13.87	14.84	.....	13.52	13.41	.....	15.69	19.19	22.45	19.42	14.67	14.13
25	13.81	15.16	14.19	13.56	16.04	18.29	16.47	19.46	23.50	18.77	14.50	15.43
30	13.71	.....	13.95	13.65	15.05	17.24	17.49	21.96	22.99	17.77	14.35	.....

114. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 25 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 7.60 below lsd, July 27, 1954; lowest 9.52 below lsd, Dec. 31, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	8.03	May 1	8.42	Aug. 1	8.73	Nov. 1	9.32
31	8.29	13	8.51	31	9.01	30	9.43
Mar. 1	8.34	July 2	8.61	Oct. 1	9.17	Dec. 31	9.52
30	8.32						

115. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 25 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 1.00

foot above lsd. Highest water level 5.08 below lsd, Jan. 3, 1956; lowest 8.83 below lsd, Nov. 1, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	5.08	May 1	7.20	Aug. 1	8.17	Nov. 1	8.83
	31 6.99		13 7.47		31 8.57		30 8.69
Mar. 1	6.91	July 2	7.84	Oct. 1	8.80	Dec. 31	8.62
	30 7.05						

116. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 25 S., R. 1 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 30 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 18.20 below lsd, June 29, 1954; lowest 21.15 below lsd, Dec. 31, 1956. Records available: 1954-56.

Jan. 3	19.69	May 1	20.16	Aug. 1	20.55	Nov. 1	21.04
	31 19.80		13 20.26		31 20.70		30 21.07
Mar. 1	19.98	July 2	20.42	Oct. 1	20.85	Dec. 31	21.15
Apr. 2	20.05						

117. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 20, T. 25 S., R. 1 W. Drilled observation water-table well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 39 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 12.37 below lsd, Oct. 31, 1955; lowest 14.52 below lsd, Dec. 31, 1956. Records available: 1954-56.

Jan. 3	12.79	May 1	13.45	Aug. 1	13.28	Nov. 1	14.31
	31 13.06		13 13.58		31 14.08		30 14.40
Mar. 1	13.20	July 2	13.69	Oct. 1	14.20	Dec. 31	14.52
	30 13.32						

124. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 25 S., R. 1 W. Drilled observation well, depth 138 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 17.76 below lsd, Oct. 3, 1955; lowest 20.61 below lsd, Dec. 31, 1956. Records available: 1955-56.

Jan. 3	19.46	May 1	19.85	Aug. 1	20.30	Nov. 1	20.60
	31 19.25		13 20.04		31 20.49		30 20.58
Mar. 1	19.71	July 2	20.18	Oct. 1	20.57	Dec. 31	20.61
Apr. 3	19.79						

125. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 25 S., R. 1 W. Drilled observation well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 131 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 14.26 below lsd, Mar. 1, 1956; lowest 14.96 below lsd, Nov. 30, 1956. Records available: 1956.

Jan. 31	14.60	May 1	14.39	Aug. 1	14.76	Nov. 1	14.94
Mar. 1	14.26		13 14.50		31 14.87		30 14.96
Apr. 3	14.35	July 2	14.80	Oct. 1	14.93	Dec. 31	14.85

126. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 25 S., R. 1 W. Drilled observation well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 40 feet. Measuring point at land surface. Highest water level 12.36 below lsd, Sept. 30, 1955; lowest 14.93 below lsd, Sept. 1, 1955. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13	13.68	May 1	14.21	Aug. 1	14.67	Nov. 1	14.83
31	13.94	13	14.36	31	14.85	30	14.79
Mar. 1	14.02	July 2	14.43	Oct. 1	14.92	Dec. 31	14.80
30	14.12						

127. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 25 S., R. 1 W. Drilled observation well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 52 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 10.59 below lsd, Dec. 1, 1955; lowest 15.82 below lsd, Mar. 1, 1956. Records available: 1955-56.

Jan. 3	14.77	May 1	14.02	Aug. 1	14.48	Nov. 1	14.45
31	13.69	13	14.23	31	14.69	30	14.54
Mar. 1	15.82	July 2	14.34	Oct. 1	14.79	Dec. 31	14.64
30	13.92						

307. (C) J. R. Clark. NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium, diameter 6 inches, depth 92 feet. Measuring point, top of pipe, which is 1.27 feet above lsd. Highest water level 9.08 below lsd, May 12, 13, 20, 1945; lowest 33.86 below lsd, Dec. 31, 1956. Records available: 1937-54, 1956.

Jan. 3	30.90	May 1	31.91	Aug. 1	33.05	Nov. 1	33.71
Feb. 1	32.53	31	32.12	31	33.43	30	33.51
Mar. 1	31.79	July 2	32.80	Oct. 1	33.68	Dec. 31	33.86
Apr. 2	31.77						

502. (C) Kansas Gas & Electric Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 26 S., R. 1 E. Drilled industrial water-table well in sand, diameter 24 inches, depth 46 feet. Measuring point, top of pipe nipple in pump base, which is 2.80 feet above lsd. Highest water level 12.49 below lsd, Mar. 20, 1944; lowest 30.20 below lsd, June 13, 1951. Records available: 1943-54. Measurement discontinued.

804. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 26 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 26 feet. Measuring point, top of pipe, which is 0.60 foot above lsd. Highest water level 0.10 below lsd, Aug. 4, 1950; lowest 7.25 below lsd, Dec. 1, 1955. Records available: 1938-56.

Jan. 3	4.47	May 1	4.59	Aug. 1	5.76	Nov. 1	6.56
31	4.60	13	4.98	31	6.37	29	6.48
Mar. 1	4.57	July 2	5.41	Oct. 1	6.50	Dec. 28	6.42
30	4.61						

805. (C) City of Wichita. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 19, T. 26 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 41 feet. Measuring point, top of pipe, which is 3.30 feet above lsd. Highest water level 1.57 below lsd, May 2, 1945; lowest 8.66 below lsd, Jan. 3, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	8.66	May 1	5.78	Aug. 1	6.29	Nov. 1	7.76
31	5.83	13	2.29	31	7.95	29	7.52
Mar. 1	5.73	July 2	6.99	Oct. 1	8.14	Dec. 31	7.45
30	5.82						

807. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, T. 26 S., R. 2 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 18.09 below lsd, Oct. 3, 1951; lowest 25.57 below lsd, Oct. 1, 1956. Records available: 1938-56.

Jan. 3	23.85	May 1	23.84	Aug. 1	24.68	Nov. 1	25.44
31	23.91	13	24.19	31	24.98	29	25.49
Mar. 1	23.83	July 2	24.37	Oct. 1	25.57	Dec. 31	25.40
30	24.12						

808. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18, T. 26 S., R. 2 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 49 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 18.59 below lsd, Nov. 30, 1951; lowest dry entire year, 1956. Records available: 1938-53, 1955-56. Dry entire year of 1956.

809. (C) City of Wichita. NW cor. sec. 21, T. 26 S., R. 1 E. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 3.60 feet above lsd. Highest water level 5.91 below lsd, July 11, 1951; lowest 17.61 below lsd, Dec. 31, 1956. Records available: 1938-56.

Jan. 3	15.87	May 1	15.98	Aug. 1	16.77	Nov. 1	17.48
31	16.02	13	16.25	31	17.05	29	15.54
Mar. 1	15.90	July 2	16.56	Oct. 1	17.34	Dec. 31	17.61
30	16.04						

810. (C) City of Wichita. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 25 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 25 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 1.94 below lsd, Apr. 28, 1944; lowest 14.82 below lsd, Oct. 1, Nov. 1, 1956. Records available: 1938-56.

Jan. 3	13.77	May 1	14.06	Aug. 1	14.64	Nov. 1	14.82
31	13.86	13	14.28	31	14.71	29	14.74
Mar. 1	13.77	July 2	14.40	Oct. 1	14.82	Dec. 31	14.73
30	13.93						

811. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T. 25 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 25 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 3.27 below lsd, July 10, 1951; lowest 10.99 below lsd, Dec. 31, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	9.51	May 1	10.04	Aug. 1	10.40	Nov. 1	10.83
31	9.81	13	10.17	31	10.57	29	10.91
Mar. 1	9.90	July 2	10.30	Oct. 1	10.12	Dec. 31	10.99
30	10.02						

812. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 25 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 25 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 6.30 below lsd, Aug. 31, 1949; lowest 18.91 below lsd, Feb. 10, 1947. Records available: 1938-56.

Jan. 3	13.74	May 1	14.25	Aug. 1	14.69	Nov. 1	15.10
31	12.90	13	14.41	31	14.87	29	15.03
Mar. 1	14.03	July 2	14.57	Oct. 1	15.08	Dec. 31	15.17
30	14.13						

814. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 25 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 6.23 below lsd, July 10, 1951; lowest 18.81 below lsd, Dec. 31, 1956. Records available: 1938-56.

Jan. 3	17.98	May 1	18.22	Aug. 1	18.42	Nov. 1	18.72
31	18.08	13	18.28	31	18.49	29	18.76
Mar. 1	18.37	July 2	18.34	Oct. 1	18.59	Dec. 31	18.81
30	18.21						

815. (C) City of Wichita. NE $\frac{1}{4}$ sec. 17, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 7.65 below lsd, May 11, 1945; lowest 19.44 below lsd, Dec. 31, 1956. Records available: 1938-56.

Jan. 3	19.02	May 1	18.49	Aug. 1	19.02	Nov. 1	19.30
31	18.23	13	18.73	31	19.10	30	19.39
Mar. 1	18.34	July 2	18.88	Oct. 1	19.29	Dec. 31	19.44
30	18.38						

816. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 25 S., R. 1 W. Driven observation water-table well in gravel, diameter 1 $\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water

level 5.32 below lsd, Oct. 8, 1945; lowest 24.77 below lsd, Nov. 30, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	23.15	May 1	23.64	Aug. 1	24.41	Nov. 1	24.57
	31 22.80		13 23.78		31 24.29		30 24.77
Mar. 1	23.48	July 2	23.97	Oct. 1	24.41	Dec. 31	24.70
	30 22.55						

825. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 25 S., R. 1 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 25 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 5.49 below lsd, May 4, 1945; lowest 15.18 below lsd, Dec. 5, 1947. Records available: 1938-56.

Jan. 3	13.55	May 1	13.76	Aug. 1	14.34	Nov. 1	15.03
	31 13.70		13 13.91		31 14.72		30 15.00
Mar. 1	13.73	July 2	14.18	Oct. 1	14.89	Dec. 31	15.01
	30 14.74						

826. (C) City of Wichita. NE cor. sec. 5, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 18 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 2.12 below lsd, May 9, 1944; lowest 16.80 below lsd, Nov. 1, 1956. Records available: 1939-49, 1955-56.

Jan. 3	14.70	May 1	15.22	Aug. 1	15.72	Nov. 1	16.80
	31 14.92		13 15.38		31 15.95		30 16.17
Mar. 1	15.00	July 2	15.54	Oct. 1	16.10	Dec. 31	16.17
	30 15.06						

830. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 25 S., R. 2 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 57 feet. Measuring point, top of pipe, which is 2.00 feet above lsd. Highest water level 17.35 below lsd, Nov. 30, 1951; lowest 31.56 below lsd, Dec. 1, 1954. Records available: 1938-56.

Jan. 3	27.90	May 1	29.05	Aug. 1	30.68	Nov. 1	31.03
	31 28.87		13 29.53		31 31.01		30 30.19
Mar. 1	28.72	July 2	30.20	Oct. 1	31.32	Dec. 31	30.58
	30 29.17						

834. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 25 S., R. 3 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 18 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 5.35 below lsd, Sept. 8, 1951; lowest 13.04 below lsd, Oct. 1, 1956. Records available: 1938-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	10.86	May 1	11.01	Aug. 1	12.36	Nov. 1	12.54
31	12.42	31	11.44	31	12.75	29	12.34
Mar. 1	10.76	July 2	11.94	Oct. 1	13.04	Dec. 31	12.19
30	10.85						

838. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 25 S., R. 3 W. Driven observation water-table well in sand, diameter 1 $\frac{1}{4}$ inches, depth 49 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 17.01 below lsd, Oct. 2, 1951; lowest dry entire year of 1955. Records available: 1938-53, 1955. Measurement discontinued.

840. (C) City of Wichita. NE $\frac{1}{4}$ sec. 9, T. 25 S., R. 2 W. Drilled well in Pleistocene sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 233 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 0.53 below lsd, Sept. 30, 1945; lowest 16.33 below lsd, Apr. 1, 1955. Records available: 1938-50, 1952-56.

Jan. 3	14.42	May 1	14.89	Aug. 1	15.08	Nov. 1	15.56
31	14.58	31	14.95	31	15.22	30	15.67
Mar. 1	14.72	July 2	15.04	Oct. 1	15.38	Dec. 31	15.80
30	14.80						

842. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 15 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 1.39 below lsd, Oct. 4, 1945; lowest 10.43 below lsd, Nov. 1, 1956. Records available: 1939-56.

Jan. 3	7.90	May 1	9.01	Aug. 1	9.83	Nov. 1	10.43
31	8.79	31	9.18	31	10.08	30	10.40
Mar. 1	8.80	July 2	9.40	Oct. 1	10.33	Dec. 31	10.38
30	8.87						

847. (C) City of Wichita. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 27 S., R. 1 E. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 25 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 10.55 below lsd, May 8, 1944; lowest 18.87 below lsd, Oct. 1, 1956. Records available: 1939-56.

Jan. 3	17.05	May 1	17.51	Aug. 1	18.32	Nov. 1	18.64
31	17.09	31	17.74	31	18.72	30	18.47
Mar. 1	17.16	July 2	18.06	Oct. 1	18.87	Dec. 31	18.18
30	17.18						

870. (C) W. Williams. NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 25 S., R. 2 W. Driven stock and observation water-table well in Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 19 feet. Measuring point, top of pipe, top of pump base, which is 2.50 feet above lsd. Highest water level 0.33 below lsd, July 10, 1951; lowest 9.52 below lsd, Dec. 1, 1954. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	7.23	May 1	7.45	Aug. 1	7.61	Nov. 1	8.15
31	7.00	31	7.24	31	8.09	29	8.53
Mar. 1	7.68	July 2	7.49	Oct. 1	8.60	Dec. 31	8.77
30	7.71						

1171. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 25 S., R. 2 W. Driven observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 9.78 below lsd, Oct. 2, 1951; lowest 21.84 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	20.65	July 2	21.20	Aug. 31	21.46	Dec. 31	21.84
Mar. 30	20.96	Aug. 1	21.31	Oct. 1	20.55		

1176. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 25 S., R. 1 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 10.42 below lsd, Oct. 3, 1951; lowest 24.32 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	22.73	Apr. 2	23.03	Aug. 1	23.67	Nov. 1	24.17
31	22.88	May 1	23.24	31	23.87	30	24.21
Mar. 1	23.07	31	23.32	Oct. 1	24.03	Dec. 31	24.32
30	23.03	July 2	23.50				

3004. (C) City of Wichita. SE $\frac{1}{4}$ sec. 1, T. 25 S., R. 3 W. Driven observation water-table well in McPherson formation, diameter 1 $\frac{1}{4}$ inches, depth 20 feet. Measuring point, top of pipe, which is 0.90 foot above lsd. Highest water level 4.42 below lsd, July 9, 1951; lowest 11.72 below lsd, Nov. 1, 1956. Records available: 1949-56.

Jan. 3	9.95	May 1	10.62	Aug. 1	11.18	Nov. 1	11.72
31	10.56	31	10.74	31	11.39	30	11.69
Mar. 1	10.55	July 2	10.92	Oct. 1	11.57	Dec. 31	11.62
30	10.53						

3030. (C) City of Wichita. SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 25 S., R. 2 W. Driven observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 4.24 below lsd, July 10, 1951; lowest 16.52 below lsd, Dec. 31, 1956. Records available: 1950-56.

Jan. 3	15.05	Apr. 2	15.40	Aug. 1	15.87	Nov. 1	16.31
31	15.27	May 31	15.62	31	15.98	30	16.40
Mar. 1	15.39	July 2	15.77	Oct. 1	16.11	Dec. 31	16.52

3041. (C) City of Wichita. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 25 S., R. 3 W. Drilled ob-

ervation water-table well in Pleistocene sand and gravel, depth 17 feet. Measuring point at land surface. Highest water level 10.50 below lsd, Apr. 3, 1953; lowest 13.63 below lsd, Oct. 1, Nov. 1, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	11.77	May 1	12.16	Aug. 1	13.09	Nov. 1	13.63
31	12.11	31	12.35	31	13.37	29	13.47
Mar. 1	12.02	July 2	12.61	Oct. 1	13.63	Dec. 31	13.37
30	12.09						

3044. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 25 S., R. 2 W. Drilled observation water-table well in Pleistocene sand and gravel. Measuring point at land surface. Highest water level 7.08 below lsd, Jan. 3, 1956; lowest 10.55 below lsd, Apr. 1, 1955. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	7.08	May 1	9.12	Aug. 1	9.70	Nov. 1	10.39
31	8.76	31	9.25	31	10.10	29	10.42
Mar. 1	8.82	July 2	9.41	Oct. 1	10.38	Dec. 31	10.53
30	9.52						

3045. (C) Frisco Railroad. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 13, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 6 inches, depth 65 feet. Measuring point, steel plate on instrument shelf, which is 3.05 feet above lsd. Highest water level 17.49 below lsd, June 25, 1954; lowest 20.56 below lsd, Oct. 25, 1956. Records available: 1954-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	19.02	19.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	19.03	19.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	19.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	19.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	19.04	19.21	.....	.....	.....	.....	.....	.....	.....	20.56	.....	.....
30	19.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

3050. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 25 S., R. 2 W. Driven observation water-table well in Pleistocene sand and gravel. Measuring point at land surface. Highest water level 6.47 below lsd, May 1, 1952; lowest 12.02 below lsd, Dec. 31, 1956. Records available: 1952-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	10.29	May 1	10.91	Aug. 1	11.28	Nov. 1	11.79
Feb. 1	10.48	31	10.87	31	11.44	29	11.89
Mar. 1	10.67	July 2	11.17	Oct. 1	11.73	Dec. 31	12.02
30	10.80						

M-25b. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 51 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest

water level 6.89 below lsd, Aug. 21, 1939; lowest 31.34 below lsd, Nov. 30, 1956. Records available: 1939-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	29.42	May 1	30.08	Aug. 1	30.85	Nov. 1	30.91
Mar. 1	29.22	June 1	30.14	31	31.15	30	31.34
Apr. 2	29.44	July 2	30.54	Oct. 1	31.15	Dec. 31	30.95

M-27. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 25 S., R. 2 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 215 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 13.96 below lsd, July 8, 1949; lowest 85.00 below lsd, Dec. 1, 1954. Records available: 1947, 1949-56.

Feb. 1	67.00	May 1	31.50	Aug. 1	71.00	Nov. 1	66.00
Mar. 1	66.00	June 1	70.00	Sept. 1	31.00	30	64.00
Apr. 2	66.00	July 2	70.00	Oct. 1	68.00	Dec. 31	30.00

M-27a. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 82 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 15.12 below lsd, Sept. 2, 1949; lowest 32.70 below lsd, Nov. 30, 1956. Records available: 1947, 1949-56.

Feb. 1	31.36	May 1	30.68	Aug. 1	32.39	Nov. 1	32.53
Mar. 1	31.35	June 1	31.82	Sept. 1	31.69	30	32.70
Apr. 2	31.42	July 2	32.25	Oct. 1	32.62	Dec. 31	31.78

M-27b. (C) City of Wichita. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 80 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 12.62 below lsd, Oct. 4, 1948; lowest 31.69 below lsd, Nov. 30, 1956. Records available: 1947-56.

Feb. 1	30.37	May 1	30.12	Aug. 1	31.35	Nov. 1	31.60
Mar. 1	30.35	June 1	30.85	Sept. 1	31.05	30	31.69
Apr. 2	30.46	July 2	31.26	Oct. 1	31.67	Dec. 31	31.10

M-28. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 25 S., R. 2 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 220 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 14.09 below lsd, July 8, 1949; lowest 88.00 below lsd, Aug. 1, 1956. Records available: 1947, 1949-56.

Feb. 1	31.00	May 1	33.00	Aug. 1	88.00	Nov. 1	33.00
Mar. 1	30.00	June 1	85.00	31	31.00	30	87.00
Apr. 2	29.00	July 2	86.00	Oct. 1	87.00	Dec. 31	32.00

M-28a. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 25 S., R. 2 W. Drilled

observation water-table well in alluvium and Meade formation, diameter $1\frac{1}{4}$ inches, depth 80 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 14.39 below lsd, Sept. 2, 1949; lowest 33.45 below lsd, Nov. 30, 1956. Records available: 1947, 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	31.17	May 1	31.97	Aug. 1	32.90	Nov. 1	32.95
Mar. 1	31.23	June 1	32.36	31	32.75	30	33.45
Apr. 2	31.45	July 2	32.56	Oct. 1	33.25	Dec. 31	32.85

M-28b. (C) City of Wichita. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter $1\frac{1}{4}$ inches, depth 82 feet. Measuring point, top of pipe, which is 3.00 feet above lsd. Highest water level 12.55 below lsd, Oct. 4, 1948; lowest 32.76 below lsd, Nov. 30, 1956. Records available: 1947-56.

Feb. 1	30.58	May 1	31.45	Aug. 1	32.17	Nov. 1	32.40
Mar. 1	30.70	June 1	31.60	31	32.22	30	32.76
Apr. 2	30.93	July 2	31.83	Oct. 1	32.55	Dec. 31	32.28

M-29. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 25 S., R. 2 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 225 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 13.01 below lsd, July 8, 1949; lowest 62.00 below lsd, Aug. 1, 1950. Records available: 1947, 1949-56.

Feb. 1	28.00	May 1	28.00	Aug. 1	29.00	Nov. 1	29.00
Mar. 1	28.00	June 1	28.00	Sept. 1	55.00	30	28.00
Apr. 2	28.00	July 2	28.50	Oct. 1	60.50	Dec. 31	30.50

M-29a. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter $1\frac{1}{4}$ inches, depth 97 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 12.15 below lsd, July 1, 1947; lowest 37.95 below lsd, Oct. 1, 1956. Records available: 1947, 1949-56.

Feb. 1	28.78	May 1	29.02	Aug. 1	29.67	Nov. 1	30.08
Mar. 1	28.85	June 1	29.25	Sept. 1	37.10	30	28.90
Apr. 2	28.84	July 2	29.56	Oct. 1	37.95	Dec. 31	31.27

M-29b. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter $1\frac{1}{4}$ inches, depth 103 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 7.01 below lsd, July 2, 1951; lowest 29.82 below lsd, Oct. 1, 1956. Records available: 1947-56.

Feb. 1	25.51	May 1	25.75	Aug. 1	26.52	Nov. 1	26.84
Mar. 1	25.60	June 1	25.99	Sept. 1	29.75	30	25.81
Apr. 2	25.63	July 2	26.32	Oct. 1	29.82	Dec. 31	27.87

M-30. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 25 S., R. 2 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 225 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 7.31 below lsd, July 8, 1949; lowest 69.00 below lsd, Dec. 31, 1956. Records available: 1947, 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	64.00	May 1	64.00	Aug. 1	67.00	Nov. 1	65.00
Mar. 1	65.00	June 1	65.00	Sept. 1	63.00	30	35.00
Apr. 2	64.00	July 2	65.00	Oct. 1	31.00	Dec. 31	69.00

M-30a. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 72 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 12.32 below lsd, Oct. 1, 1951; lowest 34.95 below lsd, Dec. 31, 1956. Records available: 1947, 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	32.67	May 1	32.60	Aug. 1	34.11	Nov. 1	34.10
Mar. 1	32.83	June 1	33.14	Sept. 1	34.09	30	27.25
Apr. 2	32.70	July 2	33.59	Oct. 1	28.40	Dec. 31	34.95

M-30b. (C) City of Wichita. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 61 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 7.39 below lsd, Oct. 4, 1948; lowest 32.50 below lsd, Dec. 31, 1956. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	30.19	May 1	30.13	Aug. 1	31.49	Nov. 1	31.67
Mar. 1	30.15	June 1	30.55	Sept. 1	31.71	30	27.66
Apr. 2	30.12	July 2	31.12	Oct. 1	28.59	Dec. 31	32.50

M-31. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 25 S., R. 2 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 197 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 9.20 below lsd, July 8, 1949; lowest 67.00 below lsd, Oct. 1, 1953. Records available: 1947, 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	62.00	May 1	30.00	Aug. 1	65.00	Nov. 1	62.00
Mar. 1	31.00	June 1	61.00	31	61.00	30	64.00
Apr. 2	61.00	July 2	62.00	Oct. 1	32.00	Dec. 31	64.00

M-31a. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 87 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 9.95 below lsd, July 16, 1947; lowest 34.73 below lsd, Nov. 1, 1956. Records available: 1947, 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	33.13	May 1	29.07	Aug. 1	34.50	Nov. 1	34.73
Mar. 1	29.50	June 1	33.04	31	34.27	30	32.96
Apr. 2	32.18	July 2	34.05	Oct. 1	32.34	Dec. 31	34.64

M-31b. (C) City of Wichita. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 62 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 8.34 below lsd, July 7, 1948; lowest 34.47 below lsd, Dec. 31, 1956. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	32.55	May 1	30.44	Aug. 1	33.89	Nov. 1	34.10
Mar. 1	30.85	June 1	32.54	31	33.88	30	33.53
Apr. 2	31.62	July 2	33.57	Oct. 1	33.74	Dec. 31	34.47

M-32. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 25 S., R. 2 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 185 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 9.02 below lsd, July 8, 1949; lowest 80.00 below lsd, Nov. 1, 30, 1956. Records available: 1947, 1949-56.

Feb. 1	29.00	May 1	76.50	Aug. 1	30.50	Nov. 1	80.00
Mar. 1	76.50	June 1	30.50	31	30.50	30	80.00
Apr. 2	29.00	July 2	77.00	Oct. 1	77.00	Dec. 31	32.00

M-32a. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 71 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 9.96 below lsd, Apr. 16, 1947; lowest 31.18 below lsd, Nov. 30, 1956. Records available: 1947, 1949-56.

Feb. 1	27.55	May 1	30.05	Aug. 1	29.05	Nov. 1	30.69
Mar. 1	28.98	June 1	29.04	31	31.06	30	31.18
Apr. 2	28.36	July 2	30.90	Oct. 1	31.10	Dec. 31	30.83

M-32b. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 71 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 8.40 below lsd, Oct. 4, 1948; lowest 31.25 below lsd, Nov. 30, 1956. Records available: 1947-56.

Feb. 1	28.63	May 1	29.93	Aug. 1	30.23	Nov. 1	30.81
Mar. 1	29.22	June 1	29.88	31	30.73	30	31.25
Apr. 2	29.28	July 2	30.75	Oct. 1	31.05	Dec. 31	31.16

M-33. (C) City of Wichita. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 25 S., R. 2 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 170 feet. Measuring point, top of casing, which is 2.00 feet above lsd. Highest water level 7.23 below lsd, July 8, 1949; lowest 81.00 below lsd, July 2, Aug. 1, 1956. Records available: 1947, 1949-56.

Feb. 1	29.00	May 1	30.00	Aug. 1	81.00	Nov. 1	78.00
Mar. 1	79.00	June 1	77.00	31	32.00	30	79.00
Apr. 2	79.00	July 2	81.00	Oct. 1	79.00	Dec. 31	78.00

M-33a. (C) City of Wichita. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 54 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 9.20 below lsd, Sept. 2, 1949; lowest 30.20 below lsd, Dec. 31, 1956. Records available: 1947, 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	27.83	May 1	28.35	Aug. 1	29.67	Nov. 1	29.89
Mar. 1	28.47	June 1	29.00	31	29.51	30	30.03
Apr. 2	28.53	July 2	29.47	Oct. 1	29.98	Dec. 31	30.20

M-33b. (C) City of Wichita. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 25 S., R. 2 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 75 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 6.82 below lsd, Oct. 4, 1948; lowest 28.05 below lsd, Dec. 31, 1956. Records available: 1947-56.

Feb. 1	25.85	May 1	26.36	Aug. 1	27.55	Nov. 1	27.81
Mar. 1	26.39	June 1	26.88	31	27.43	30	27.98
Apr. 2	26.36	July 2	27.36	Oct. 1	27.90	Dec. 31	28.05

M-34. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 25 S., R. 1 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 150 feet. Measuring point, opening in side of pump base, which is 2.00 feet above lsd. Highest water level 6.96 below lsd, July 8, 1949; lowest 63.00 below lsd, May 2, July 1, 1955. Records available: 1947, 1949-56.

Feb. 1	60.00	May 1	30.00	Aug. 1	62.00	Nov. 1	60.00
Mar. 1	61.00	June 1	60.00	31	59.00	30	59.00
Apr. 2	59.50	July 2	62.00	Oct. 1	61.00	Dec. 31	31.00

M-34a. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 25 S., R. 1 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 85 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 8.90 below lsd, Sept. 2, 1949; lowest 33.70 below lsd, Aug. 1, 1956. Records available: 1947, 1949-56.

Feb. 1	32.30	May 1	29.65	Aug. 1	33.70	Nov. 1	33.67
Mar. 1	32.68	June 1	33.08	31	33.56	30	32.94
Apr. 2	31.49	July 2	33.54	Oct. 1	32.98	Dec. 31	30.67

M-34b. (C) City of Wichita. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 25 S., R. 1 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 85 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 5.64 below lsd, July 7, 1948; lowest 34.18 below lsd, Oct. 1, 1956. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1	28.21	May 1	27.30	Aug. 1	33.90	Nov. 1	33.87
Mar. 1	28.33	June 1	28.78	31	33.76	30	29.10
Apr. 2	27.70	July 2	33.74	Oct. 1	34.18	Dec. 31	29.59

M-35. (C) City of Wichita. NE cor. NW $\frac{1}{4}$ sec. 7, T. 25 S., R. 1 W. Drilled public-supply water-table well in alluvium and Meade formation, diameter 18 inches, depth 130 feet. Measuring point, opening on side of pump base, which is 2.00 feet above lsd. Highest water level 10.30 below lsd, July 8, 1949; lowest 58.00 below lsd, Aug. 1, 1955, July 2, Aug. 1, 1956. Records available: 1947, 1949-56.

Feb. 1	55.00	May 1	54.00	Aug. 1	58.00	Nov. 1	32.00
Mar. 1	56.00	June 1	56.00	31	55.50	30	32.00
Apr. 2	56.00	July 2	58.00	Oct. 1	57.00	Dec. 31	48.00

M-35a. (C) City of Wichita. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 25 S., R. 1 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 85 feet. Measuring point, top of pipe, which is 1.31 feet above lsd. Highest water level 8.69 below lsd, Sept. 2, 1949; lowest 32.53 below lsd, Oct. 1, 1956. Records available: 1947, 1949-56.

Feb. 1	30.20	May 1	30.51	Aug. 1	31.69	Nov. 1	31.77
Mar. 1	30.62	June 1	30.95	31	32.02	30	31.93
Apr. 2	29.78	July 2	31.26	Oct. 1	32.53	Dec. 31	32.05

M-35b. (C) City of Wichita. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 25 S., R. 1 W. Drilled observation water-table well in alluvium and Meade formation, diameter 1 $\frac{1}{4}$ inches, depth 86 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 10.60 below lsd, Sept. 2, 1949; lowest 32.80 below lsd, Oct. 1, 1956. Records available: 1947-56.

Feb. 1	31.26	May 1	31.32	Aug. 1	32.57	Nov. 1	31.91
Mar. 1	31.49	June 1	31.68	31	32.44	30	32.14
Apr. 2	31.07	July 2	32.03	Oct. 1	32.80	Dec. 31	32.60

SEWARD COUNTY

15. (C) Cabot Carb. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 32 S., R. 33 W. Drilled domestic and stock water-table well in alluvium, diameter 5 inches, depth 53 feet. Measuring point, top of hole cut in steel disk, which is 0.20 foot above lsd. Highest water level 15.88 below lsd, May 3, 1944; lowest 19.47 below lsd, Sept. 10, 1956. Records available: 1940-56.

Jan. 9	18.12	Apr. 9	17.98	Aug. 21	19.12	Nov. 13	18.07
Feb. 13	17.84	May 15	18.05	Sept. 10	19.47	Dec. 26	17.97
Mar. 12	17.90	June 6	18.30	Oct. 9	18.49		

106. (C) Kansas City Life Insurance Co. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 32 S., R. 34 W. Drilled unused water-table well in Meade formation and Ogallala formation, diameter 5 inches, depth 212 feet. Measuring point, high point

on west southwest side of casing, which is 0.90 foot above lsd. Highest water level 204.55 below lsd, Jan. 11, 1954; lowest dry, Oct. 9, 1956. Records available: 1940-56. Feb. 13, 206.46; July 10, 206.73; Oct. 9, dry.

122. (C) Mrs. Flora Atwell. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 33 S., R. 31 W. Drilled domestic and stock water-table well in Meade formation and Ogallala formation, diameter 5 inches, depth 213 feet. Measuring point, top of casing northwest side, which is 0.70 foot above lsd. Highest water level 197.42 below lsd, Aug. 17, 1955; lowest 205.76 below lsd, Oct. 21, 1947. Records available: 1940-56. Jan. 9, 200.10; Feb. 13, 200.51; Mar. 12, 199.01.

31-34-17cb. (C) Carrie Young. Drilled stock water-table well in Meade formation and Ogallala formation, diameter 5 inches, depth 131 feet. Measuring point, north side between plate and shaft, which is 0.20 foot above lsd. Highest water level 113.05 below lsd, Oct. 25, 1951; lowest 121.38 below lsd, Sept. 16, 1952. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 13	119.98	June 6	120.00	Aug. 21	120.12	Nov. 13	120.67
Mar. 12	120.71	July 10	120.30	Oct. 9	120.48	Dec. 26	120.87
Apr. 9	120.36						

33-31-20aa. (C) Owner unknown. Drilled stock well in Ogallala formation, diameter 5 inches, depth 191 feet. Measuring point, top of iron plate in pipe, which is 0.70 foot above lsd. Highest water level 177.05 below lsd, Aug. 21, 1956; lowest 177.39 below lsd, June 27, 1956. Records available: 1956. June 27, 177.39; Aug. 21, 177.05; Sept. 10, 177.37; Dec. 26, 177.38.

33-33-29dd. (C) Owner unknown. Drilled stock and observation well in Ogallala formation, diameter 4 inches, depth 179 feet. Measuring point, top of casing west side, which is 0.80 foot above lsd. Highest water level 168.25 below lsd, Nov. 13, 1956; lowest 168.85 below lsd, Dec. 26, 1956. Records available: 1955-56.

Jan. 9	168.78	Apr. 9	168.83	Sept. 10	168.62	Nov. 13	168.25
Feb. 13	168.45	May 15	168.76	Oct. 9	168.79	Dec. 26	168.85
Mar. 12	168.73						

SHAWNEE COUNTY

11-15-16c. (C) State Board of Agriculture. Drilled observation water-table well in alluvium, diameter 18 inches, depth 47 feet. Measuring point, 0.80 foot above lsd. Highest water level 8.87 below lsd, July 16, 1951; lowest 30.78 below lsd, Dec. 30, 1956. Records available: 1950-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.74	29.95	30.08	30.29	30.51	30.50	30.42	29.60	29.67	30.02	30.34	30.58
10	29.78	29.98	30.10	30.33	30.53	30.48	30.30	29.60	29.65	30.07	30.39	30.63
15	29.81	30.01	30.14	30.36	30.53	30.49	29.18	29.59	29.70	30.13	30.42	30.65
20	29.85	30.04	30.16	30.40	30.53	30.51	29.00	29.51	29.79	30.18	30.47	30.70
25	29.88	30.04	30.19	30.45	30.54	30.51	29.83	29.46	29.86	30.23	30.51	30.74
30	29.91	.....	30.22	30.49	30.51	30.49	29.70	29.50	29.95	30.28	30.55	30.78

11-16-5bc. (C) C. C. Busey. Dug unused water-table well in White Cloud shale member of Scranton shale (of Condra, 1927), diameter 6 feet, depth 23 feet, cribbed with rock. Measuring point, top of concrete south edge square hole in platform, which is 0.10 foot above lsd. Highest water level 1.27 below lsd, Apr. 15, 1949; lowest 13.03 below lsd, Oct. 27, 1956. Records available: 1948-52, 1956. Oct. 27, 13.03.

SHERIDAN COUNTY

7-28-28dd. (C) Owner unknown. Drilled unused observation well in Ogallala formation, diameter 6 inches, depth 118 feet. Measuring point, top of casing, which is 1.00 foot above lsd. Highest water level 108.19 below lsd, Nov. 22, 1954; lowest 108.77 below lsd, Nov. 26, 1956. Records available: 1952-56. Feb. 20, 108.35; May 16, 108.28; Aug. 27, 108.38; Nov. 26, 108.77.

8-26-17cb. (C) Owner unknown. Drilled unused observation well in Ogallala formation, diameter 5 inches, depth 55 feet. Measuring point, top of casing, which is 0.20 foot above lsd. Highest water level 47.41 below lsd, May 11, 1953; lowest 49.03 below lsd, Nov. 26, 1956. Records available: 1952-56. Feb. 20, 48.01; May 16, 47.85; Aug. 27, 48.74; Nov. 26, 49.03.

8-28-33dc. (C) School district. Drilled unused school well in Ogallala formation, diameter 8 inches, depth 56 feet. Measuring point, top of casing, which is 0.90 foot above lsd. Highest water level 48.35 below lsd, Aug. 7, 1952; lowest dry, Aug. 27, 1956. Records available: 1952-56. Feb. 20, 52.78; May 16, 52.84; Aug. 27, dry.

SHERMAN COUNTY

8-37-28abb. (C) Albert Vohs. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 125 feet. Measuring point, top of casing west side, which is 0.30 foot above lsd. Highest water level 107.08 below lsd, Oct. 25, 1954; lowest 107.85 below lsd, Jan. 6, 1949. Records available: 1948-54. Measurement discontinued.

8-39-19caa. (C) Wm. Hall (City of Goodland). Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 165 feet. Measuring point, top of casing south side, which is 0.40 foot above lsd. Highest water level 118.13 below lsd, Apr. 24, 1951; lowest 158.17 below lsd, Oct. 16, 1956. Records available: 1950-56. Jan. 23, 150.75; Feb. 11, 156.20; Apr. 24, 148.16; Oct. 16, 158.17.

8-40-24baa. (C) Victoria Van Drasek Estate. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 164 feet. Measuring point, top of casing west side, which is 0.70 foot above lsd. Highest water level 135.54 below lsd, Apr. 21, 1953; lowest 137.47 below lsd, Oct. 16, 1956. Records available: 1948-56. Jan. 23, 137.12; Feb. 11, 137.19; Apr. 24, 136.76; Oct. 16, 137.47.

9-39-30cbb. (C) Charles Glenn. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 145 feet. Measuring point, top of casing south side, which is at land surface. Highest water level 117.99 below lsd, Jan. 20, 1953; lowest 118.90 below lsd, Apr. 14, 1949. Records available: 1948-56. Jan. 24, 118.04; Feb. 12, 118.06; Oct. 17, 118.13.

SMITH COUNTY

4-14-34bc. (MB C) Laura Davis. Dug stock and observation water-table well in terrace gravel, diameter 32 inches, depth 46 feet. Measuring point, top of wooden platform south side, which is 0.20 foot above lsd. Highest water level 39.49 below lsd, Dec. 10, 1951; lowest 45.37 below lsd, Mar. 22, 1951. Records available: 1945-56. Mar. 6, 42.87; June 25, 43.10; Sept. 18, 43.16; Dec. 19, 42.93.

4-14-34dd. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 40 feet. Measuring point, top of pipe, which is 1.10 feet above lsd. Highest water level 21.71 below lsd, Nov. 20, 1951; lowest 31.74 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 30.48; June 25, 31.25; Sept. 18, 31.55; Dec. 19, 31.74.

4-15-31bb. (MB C) Wilbur Lala. Drilled stock and observation water-table well in alluvium and terrace deposits, diameter 8 inches, depth 44 feet. Measuring point, top of board platform, which is 1.70 feet above lsd. Highest water level 25.56 below lsd, May 14, 1951; lowest 36.26 below lsd, Nov. 30, 1948. Records available: 1945-55. Measurement discontinued.

4-15-31cb. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 9.37 below lsd, Aug. 17, 1951; lowest 15.37 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 14.90; June 25, 15.09; Sept. 18, 15.25; Dec. 19, 15.37.

5-12-31cb. (MB) U.S.G.S. Jetted observation well in alluvium, diameter $\frac{3}{4}$ inch, depth 32 feet. Measuring point, top of pipe, which is 0.20 foot above lsd. Highest water level 5.21 below lsd, Aug. 17, 1951; lowest 12.46 below lsd, Dec. 20, 1956. Records available: 1951-56. Sept. 18, 12.15; Dec. 20, 12.46; measurement discontinued.

5-13-4dc. (MB C) Roy Eller. Dug domestic and stock water-table well in alluvium, diameter 24 inches, depth 43 feet, cribbed with rock. Measuring point, cement curb west side, which is 0.40 foot above lsd. Highest water level 10.78 below lsd, July 24, 1951; lowest 35.28 below lsd, Dec. 17, 1945. Records available: 1945-56. June 25, 22.60; Sept. 18, 23.67; Dec. 19, 24.16.

5-13-22bb. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 24 feet. Measuring point, top of pipe, which is 2.70 feet above lsd. Highest water level 4.80 below lsd, Aug. 17, 1951; lowest 11.94 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 11.25; June 25, 11.45; Sept. 18, 11.66; Dec. 19, 11.94.

5-13-25dd. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 58 feet. Measuring point, top of pipe, which is 2.90 feet above lsd. Highest water level 12.18 below lsd, Aug. 17, 1951; lowest 30.90 below lsd, Dec. 20, 1956. Records available: 1951-56. Mar. 6, 28.22; June 25, 29.32; Sept. 18, 29.93; Dec. 20, 30.90.

5-13-33ba. (MB C) W. L. Gearhart and others. Dug unused water-table well in terrace gravel, diameter 4 feet, depth 39 feet. Measuring point, top of board platform, which is 0.20 foot above lsd. Highest water level 10.16 below lsd, July 24, 1951; lowest 30.46 below lsd, Jan. 2, 1948. Records available: 1945-55. Measurement discontinued.

5-13-34cc. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$

inch, depth 35 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 9.70 below lsd, Aug. 17, 1951; lowest 23.99 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 22.43; June 25, 23.40; Sept. 18, 23.77; Dec. 19, 23.99.

5-13-35ad. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 31 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 19.83 below lsd, Nov. 19, 1951; lowest 24.07 below lsd, Sept. 18, 1956. Records available: 1951-56. Mar. 6, 22.81; June 25, 23.52; Sept. 18, 24.07; Dec. 20, 23.88.

5-14-1da. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 38 feet. Measuring point, top of pipe, which is 4.10 feet above lsd. Highest water level 14.50 below lsd, July 21, 1951; lowest 27.17 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 27.05; June 25, 26.95; Sept. 18, 26.78; Dec. 19, 27.17.

5-14-2ab. (MB) U.S.G.S. Jetted well in sand and gravel, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 9.91 below lsd, Aug. 17, 1951; lowest 22.12 below lsd, Dec. 19, 1956. Records available: 1951-56. Mar. 6, 20.93; June 25, 21.15; Sept. 18, 21.75; Dec. 19, 22.12.

5-15-2dc. (MB C) George K. Wamhoff. Drilled unused water-table well in terrace alluvium, diameter 10 inches, depth 42 feet. Measuring point, top of board platform west side, which is 1.20 feet above lsd. Highest water level 23.95 below lsd, Oct. 22, 1951; lowest 33.84 below lsd, Nov. 30, 1948. Records available: 1945-56. Mar. 6, 31.27; June 25, 31.30; Sept. 18, 32.63; Dec. 19, 32.96.

STAFFORD COUNTY

19. (C) Atlantic Refining Company. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 21 S., R. 13 W. Drilled observation water-table well in Meade formation, diameter 6 inches. Measuring point, top west side of casing, which is 0.40 foot above lsd. Highest water level 0.40 above lsd, Aug. 29, Sept. 20, 1950; lowest dry, May 9, July 24, Nov. 20, Dec. 12, 1956. Records available: 1942-56. Jan. 16, 3.58; Mar. 14, 3.01; Apr. 16, 5.10; May 9, dry; July 24, dry; Nov. 20, dry; Dec. 12, dry.

25-13-3bb. (C) M. L. Halley. Driven unused water-table well in Meade formation, diameter 4 inches, depth 30 feet. Measuring point, top edge of oil barrel, which is 0.20 foot above lsd. Highest water level 2.75 below lsd, May 21, 1952; lowest dry, Aug. 15, Oct. 22, Nov. 20, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16	18.63	Apr. 16	18.70	July 24	20.07	Oct. 22	(b)
Feb. 25	18.74	May 9	18.99	Aug. 15	(b)	Nov. 20	(b)
Mar. 14	18.81	June 13	19.61				

(b) dry

STANTON COUNTY

13. (C) Leah Carrithers. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 27 S., R. 40 W. Drilled unused water-table well, diameter 5 inches, depth 55 feet. Measuring point,

at lower north edge of board, which is 1.00 foot above lsd. Highest water level 44.10 below lsd, May 26, 1953; lowest 51.83 below lsd, Apr. 3, 1940. Records available: 1939-56. Feb. 14, 46.75; May 7, 47.02; Aug. 22, 46.93; Nov. 15, 46.57.

93. (C) J. Plummer. NE $\frac{1}{4}$ sec. 11, T. 29 S., R. 41 W. Drilled observation water-table well in gravel, diameter 8 inches, depth 234 feet. Measuring point, top south edge of casing, which is 1.00 foot above lsd. Highest water level, 173.14 below lsd, Feb. 9, 1955; lowest 180.65 below lsd, Nov. 16, 1949. Records available: 1939-56. May 7, 174.31; Aug. 22, 174.78.

146. (C) C. M. Harrison. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 30 S., R. 43 W. Drilled unused water-table well in Dakota formation, diameter 5 inches, depth 55 feet. Measuring point, hole drilled in steel cylinder southwest side, which is at land surface. Highest water level 31.54 below lsd, Nov. 29, 1951; lowest 47.10 below lsd, Nov. 15, 1956. Records available: 1939-51, 1953-56. Feb. 14, 38.96; May 7, 39.18; Aug. 22, 45.82; Nov. 15, 47.10.

STEVENS COUNTY

31-37-22bc. (C) Walter Cretts. Drilled domestic well in Ogallala formation, diameter 6 inches, depth 264 feet. Measuring point, top of slit in cap on casing, which is 0.90 foot above lsd. Highest water level 134.22 below lsd, May 7, 1956; lowest 141.59 below lsd, Aug. 21, 1956. Records available: 1956. May 7, 134.22; Aug. 21, 141.99.

33-36-26dd. (C) R. Heger. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 33 S., R. 36 W. Drilled unused irrigation well, diameter 16 inches, depth 360 feet. Measuring point, top of hole in pump base north side, which is 0.10 foot above lsd. Highest water level 121.71 below lsd, Nov. 18, 1953; lowest 130.95 below lsd, Sept. 29, 1942. Records available: 1942, 1952-55. Measurement discontinued.

33-38-20aa. (C) Forrest Farrar. Drilled domestic well in Ogallala formation, diameter 5 inches, depth 118 feet. Measuring point, slit in steel plate over casing, which is 0.60 foot above lsd. Highest water level 87.70 below lsd, Nov. 15, 1956; lowest 97.29 below lsd, Apr. 7, 1956. Records available: 1956. Apr. 7, 97.29; Aug. 21, 91.84; Nov. 15, 87.70.

SUMNER COUNTY

1a. (C) Fred Kersey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 5, T. 30 S., R. 2 E. Bored observation well in terrace clay, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 3.10 feet above lsd. Highest water level 11.01 below lsd, Feb. 21, 1956; lowest 14.47 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 11.01; May 1, 11.06; July 17, 13.73; Sept. 13, 14.10; Dec. 18, 14.47.

2a. (C) Owner unknown. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter 1 $\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 18.90 below lsd, Nov. 8, 1955; lowest 22.61 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 19.53; May 1, 19.60; July 17, 21.02; Sept. 13, 21.62; Dec. 18, 22.61.

3. (C) M. C. Parker. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter 1 $\frac{1}{2}$ inches, depth 34 feet. Measuring

point, top of pipe, which is 2.90 feet above lsd. Highest water level 14.38 below lsd, Nov. 8, 1955; lowest 20.39 below lsd, July 17, 1956. Records available: 1954-56. Feb. 21, 15.33; May 1, 15.58; July 17, 20.39; Sept. 13, 19.20; Dec. 18, 20.32.

4. (C) M. C. Parker. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 2.80 feet above lsd. Highest water level 14.52 below lsd, Nov. 8, 1955; lowest 22.92 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 15.55; May 1, 16.08; July 17, 21.02; Sept. 13, 21.81; Dec. 18, 22.92.

5. (C) G. A. Blair. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, which is 2.80 feet above lsd. Highest water level 14.24 below lsd, July 20, 1955; lowest 19.08 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 14.44; May 1, 14.56; July 17, 16.60; Sept. 13, 17.77; Dec. 18, 19.08.

6. (C) G. A. Blair. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 3.10 feet above lsd. Highest water level 9.29 below lsd, Aug. 30, 1954; lowest 15.25 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 11.54; May 1, 12.40; July 17, 13.00; Sept. 13, 13.79; Dec. 18, 15.25.

7. (C) G. A. Blair. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 10.71 below lsd, Aug. 30, 1954; lowest 18.17 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 14.75; May 1, 15.28; July 17, 15.22; Sept. 13, 16.43; Dec. 18, 18.17.

8. (C) G. A. Blair. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in alluvial gravel, diameter $1\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 1.80 feet above lsd. Highest water level 10.50 below lsd, Aug. 30, 1954; lowest 21.03 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 17.23; May 1, 17.90; July 17, 17.90; Sept. 13, 19.18; Dec. 18, 21.03.

9. (C) M. C. Parker. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in alluvial gravel, diameter $1\frac{1}{4}$ inches, depth 45 feet. Measuring point, top of pipe, which is 1.40 feet above lsd. Highest water level 13.05 below lsd, Nov. 8, 1955; lowest 19.82 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 14.02; May 1, 14.36; July 17, 17.63; Sept. 13, 18.49; Dec. 18, 19.82.

10. (C) M. C. Parker. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 37 feet. Measuring point, top of pipe, which is 2.50 feet above lsd. Highest water level 10.45 below lsd, Sept. 25, 1954; lowest 12.86 below lsd, May 1, 1956. Records available: 1954-56. Feb. 21, 11.88; May 1, 12.86. Measurement discontinued.

11. (C) Owner unknown. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 31 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 13.50 below lsd, July 17, 1956; lowest 21.50 below lsd, June 3, 1955. Records available: 1954-56. Feb. 21, 16.23; May 4, 14.80; July 17, 13.50; Sept. 13, 17.02; Dec. 18, 19.44.

12. (C) Fred Kersey. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 30 S., R. 2 E. Bored observa-

tion well in terrace gravel, diameter $1\frac{1}{4}$ inches. Measuring point, top of pipe, which is 3.10 feet above lsd. Highest water level 16.16 below lsd, Nov. 8, 1955; lowest 19.34 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 16.70; May 1, 16.95; July 17, 17.76; Sept. 13, 18.40; Dec. 18, 19.34.

13. (C) M. C. Parker. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 3.30 feet above lsd. Highest water level 11.81 below lsd, June 3, 1955; lowest 14.23 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 12.80; May 1, 13.06; July 17, 13.24; Sept. 13, 13.85; Dec. 18, 14.23.

14. (C) M. C. Parker. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in alluvial gravel, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 3.30 feet above lsd. Highest water level 7.02 below lsd, July 20, 1955; lowest 10.78 below lsd, Feb. 8, 1955. Records available: 1954-56. Feb. 21, 7.35; May 4, 7.65; July 17, 7.58; Sept. 13, 8.45; Dec. 18, 9.33.

15. (C) M. C. Parker. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in alluvial gravel, diameter $1\frac{1}{4}$ inches, depth 27 feet. Measuring point, top of pipe, which is 2.30 feet above lsd. Highest water level 9.99 below lsd, Aug. 31, 1954; lowest 18.08 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 13.86; May 3, 14.65; July 17, 12.00; Sept. 13, 15.43; Dec. 18, 18.08.

16. (C) M. C. Parker. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in alluvial sand and gravel, diameter $1\frac{1}{4}$ inches, depth 30 feet. Measuring point, top of pipe, which is 1.20 feet above lsd. Highest water level 10.07 below lsd, June 3, 1955; lowest 15.17 below lsd, Oct. 29, 1954. Records available: 1954-56. Feb. 21, 12.62; May 1, 12.23. Measurement discontinued.

17. (C) M. C. Parker. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 30 S., R. 2 E. Bored observation well in alluvial gravel, diameter $1\frac{1}{4}$ inches, depth 33 feet. Measuring point, top of pipe, which is 1.00 foot above lsd. Highest water level 8.80 below lsd, Sept. 1, 1954; lowest 17.32 below lsd, Dec. 18, 1956. Records available: 1954-56. Feb. 21, 10.94; May 1, 11.30; July 17, 11.87; Sept. 13, 15.00; Dec. 18, 17.32.

18. (C) Fred Kersey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 30 S., R. 2 E. Bored observation well in alluvial gravel, diameter $1\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 2.60 feet above lsd. Highest water level 11.49 below lsd, June 3, 1955; lowest 13.63 below lsd, Sept. 13, 1956. Records available: 1954-56. Feb. 21, 12.69; May 1, 12.93; July 17, 13.06; Sept. 13, 13.63; Dec. 18, 13.62.

19. (C) Thomas Graber. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter $1\frac{1}{4}$ inches, depth 30 feet. Measuring point, top of pipe, which is 1.60 feet above lsd. Highest water level 9.94 below lsd, Nov. 8, 1955; lowest 12.18 below lsd, Sept. 13, 1956. Records available: 1954-56. Feb. 21, 10.89; May 1, 11.15; July 17, 11.85; Sept. 13, 12.18; Dec. 19, 12.12.

20. (C) Tom Morison. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 30 S., R. 2 E. Bored observation well in alluvial gravel, diameter $1\frac{1}{4}$ inches, depth 24 feet. Measuring point, top of pipe, which is 0.80 foot above lsd. Highest water level 6.25

below lsd, Nov. 8, 1955; lowest 10.23 below lsd, Sept. 25, 1954. Records available: 1954-56. Feb. 21, 8.02; May 1, 8.30; July 17, 8.78; Sept. 13, 9.75; Dec. 19, 9.95.

21. (C) Wm. Van Warmer. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter 1 $\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 5.88 below lsd, Feb. 21, 1956; lowest 6.59 below lsd, Dec. 19, 1956. Records available: 1954-56. Feb. 21, 5.88; May 1, 5.94; July 17, 6.00; Sept. 13, 6.26; Dec. 19, 6.59.

22. (C) Everett Howard. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 30 S., R. 2 E. Bored observation well in terrace sand and gravel, diameter 1 $\frac{1}{4}$ inches, depth 42 feet. Measuring point, top of pipe, which is 3.10 feet above lsd. Highest water level 18.36 below lsd, Sept. 25, 1954; lowest 19.43 below lsd, Dec. 19, 1956. Records available: 1954-56. Feb. 1, 18.57; May 1, 18.75; July 17, 19.03; Sept. 13, 19.25; Dec. 19, 19.43.

23. (C) H. E. Zolter. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter 1 $\frac{1}{4}$ inches, depth 27 feet. Measuring point, top of pipe, which is 1.30 feet above lsd. Highest water level 10.08 below lsd, July 20, 1955; lowest 11.57 below lsd, Sept. 13, Dec. 19, 1956. Records available: 1954-56. Feb. 21, 10.45; May 1, 10.70; July 17, 10.96; Sept. 13, 11.57; Dec. 19, 11.57.

24. (C) M. Carl. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 30 S., R. 2 E. Bored observation well in terrace gravel, diameter 1 $\frac{1}{4}$ inches, depth 32 feet. Measuring point, top of pipe, which is 3.50 feet above lsd. Highest water level 11.06 below lsd, June 3, 1955; lowest 14.83 below lsd, Dec. 19, 1956. Records available: 1954-56. Feb. 21, 12.15; May 1, 12.36; July 17, 12.58; Sept. 13, 13.55; Dec. 19, 14.83.

25. (C) Harold Martin. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 11, T. 30 S., R. 1 E. Bored observation well in terrace gravel, diameter 1 $\frac{1}{4}$ inches, depth 34 feet. Measuring point, top of pipe, which is 2.40 feet above lsd. Highest water level 11.70 below lsd, Nov. 8, 1955; lowest 13.43 below lsd, Dec. 19, 1956. Records available: 1954-56. Feb. 21, 12.13; May 1, 12.25; July 17, 12.72; Sept. 13, 13.25; Dec. 19, 13.43.

THOMAS COUNTY

7. (C) City of Brewster. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T. 8 S., R. 36 W. Drilled unused water-table well in sand and gravel, diameter 6 inches, depth 139 feet. Measuring point, top of casing west side, which is 0.30 foot above lsd. Highest water level 110.85 below lsd, July 8, 1953; lowest 128.02 below lsd, Oct. 14, 1948. Records available: 1942-56. Jan. 23, 124.40; Apr. 24, 125.27; May 11, 126.55; Oct. 16, 126.26.

8-34-2aa. (C) U.S.D.A. and Kansas Agricultural Experiment Station. Drilled unused water-table well, depth 160 feet. Measuring point at land surface. Highest water level 112.31 below lsd, May 20, 27, 1954; lowest 116.32 below lsd, May 11, 1956. Records available: 1947-56. May 11, 116.32; Oct. 6, 114.72.

26. (C) Thomas A. Ryan. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 8 S., R. 32 W. Drilled unused water-table well in sand and gravel, diameter 8 inches, depth 159

feet. Measuring point, top of casing at west side, which is 0.60 foot above lsd. Highest water level 109.56 below lsd, July 31, 1956; lowest 118.83 below lsd, July 29, 1956. Records available: 1942-56.

Date	Hour	Water level	Date	Hour	Water level	Date	Hour	Water level
Jan. 23		109.97	July 30	6:00PM	112.22	Aug. 12	6:30PM	110.02
Apr. 24		111.27	31	7:00AM	109.56	Sept. 3		110.17
May 8		111.50	do	7:00PM	117.80	22		110.05
11		111.55	Aug. 1	7:00AM	115.62	28		110.07
			do	7:00PM	110.97	Oct. 14		110.07
May 13		110.30	Aug 2	8:00AM	109.96	Oct. 16		109.96
20		111.91	do	7:00PM	110.63	21		110.05
29		111.13	Aug. 3	8:00AM	109.96	28		113.20
June 18		111.97	do	7:00PM	110.03	29		110.10
29		111.98	Aug. 4	8:00AM	110.66	30		110.20
July 1		114.03	Aug. 4	8:00PM	111.20	Oct. 31		110.08
3		116.20	5	9:00AM	110.06	Nov. 1		110.17
4		115.82	do	7:00PM	110.04	4		110.09
6		109.98	Aug. 6	7:30AM	110.03	18		110.09
8		112.15	do	7:30PM	110.03	Dec. 3		110.12
July 22		110.01	Aug. 7	4:30PM	111.64	Dec. 9		110.10
29	11:00AM	117.49	9	7:30PM	109.80	16		110.09
do	7:00PM	118.83	10	8:00AM	110.00			
30	6:00AM	118.79	do	6:30PM	109.98			

33. (C) Arch Ball. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 9 S., R. 33 W. Drilled unused water-table well in sand, diameter 6 inches, depth 137 feet. Measuring point, top edge of cylinder in motor block south side, which is 1.60 feet above lsd. Highest water level 114.24 below lsd, Oct. 25, 1954; lowest 121.30 below lsd, Apr. 14, 1949. Records available: 1942-52, 1954, 1956. Apr. 24, 114.68.

TREGO COUNTY

14-21-33bb. (MB) U.S.G.S. Jetted well in terrace deposits, diameter $\frac{3}{4}$ inch, depth 31 feet. Measuring point, top of pipe, which is 0.20 foot above lsd. Highest water level 6.90 below lsd, Aug. 3, 1950; lowest 18.74 below lsd, June 8, 1956. Records available: 1950-56. Jan. 9, 18.58; June 8, 18.74; Oct. 15, 18.19.

14-22-26da. (MB C) U.S.B.R. Drilled observation water-table well in terrace gravel, diameter 6 inches, depth 50 feet. Measuring point, 1.00 foot above lsd. Highest water level 26.76 below lsd, July 16, 1952; lowest 33.73 below lsd, Apr. 24, 1955. Records available: 1952-56.

Water levels from recorder graph

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.04	28.16	28.12	28.14	28.15	28.22	28.24	27.94	28.04	28.19	28.31	28.42
10	28.22	28.14	28.11	28.18	28.16	28.24	28.15	27.98	27.94	28.12	28.25	28.25
15	28.22	28.19	28.27	28.16	28.31	28.19	28.14	27.89	28.10	28.20	28.33	28.42
20	28.19	28.25	28.15	28.20	28.20	28.18	28.04	27.98	28.10	28.19	28.39	28.41
25	28.29	28.32	28.13	28.21	28.25	28.26	27.97	27.91	28.09	28.24	28.37	28.50
30	28.29	.....	28.14	28.24	28.40	28.18	.....	.....	28.05	28.27	28.40	28.45

14-22-36aa. (MB C) U.S.G.S. Drilled observation water-table well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 74 feet. Measuring point, top of pipe, which is 1.50 feet above lsd. Highest water level 28.52 below lsd, Jan. 9, 1956; lowest 43.11 below lsd, Mar. 16, 1950. Records available: 1949-54, 1956. Jan. 9, 28.52; June 8, 28.72; Oct. 15, 28.57.

WALLACE COUNTY

12-40-14bba. (C) W. P. Kirkham. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 22 feet. Measuring point, top of casing under tin cover north side, which is 1.60 feet above lsd. Highest water level 19.72 below lsd, July 20, 1949; lowest 21.84 below lsd, Oct. 25, 1954. Records available: 1948-56. Jan. 24, 21.51; Apr. 24, 20.64; Oct. 17, 20.63.

14-40-34ddd. (C) C. Popp. Drilled unused water-table well in Ogallala formation, diameter 6 inches, depth 91 feet. Measuring point, top of casing west side, which is 0.75 foot above lsd. Highest water level 82.20 below lsd, Apr. 24, 1956; lowest 90.18 below lsd, Oct. 17, 1956. Records available: 1948-56. Jan. 24, 89.24; Apr. 24, 82.20; July 12, 89.65; Oct. 17, 90.18.

WICHITA COUNTY

16-35-20cc. (C) F. F. Miller. Drilled irrigation water-table well in Ogallala formation, diameter 18 inches, depth 189 feet. Measuring point, hole in base of pump, which is 0.50 foot above lsd. Highest water level 103.24 below lsd, May 7, 1951; lowest 119.99 below lsd, Oct. 6, 1955. Records available: 1951, 1953-56. Feb. 9, 108.21; June 12, 117.52.

16-37-13bb. (C) C. Pearson. Drilled irrigation water-table well in Ogallala formation, depth 143 feet. Measuring point, hole in pump base west side, which is at land surface. Highest water level 77.65 below lsd, June 14, 1951; lowest 91.93 below lsd, Oct. 6, 1955. Records available: 1951, 1953-56. Feb. 9, 79.75; Apr. 25, 83.80; June 12, 81.12; Aug. 6, 82.75; Oct. 17, 82.03; Dec. 17, 81.69.

18-35-14bb. (C) A. C. Felt. Drilled domestic and observation water-table well in Ogallala formation, diameter 5 inches, depth 95 feet. Measuring point, top of casing southeast side, which is 0.20 foot above lsd. Highest water level 81.33 below lsd, Aug. 11, 1949; lowest 84.95 below lsd, Dec. 17, 1956. Records available: 1947-56. Apr. 25, 84.20; June 12, 84.32; Aug. 6, 84.44; Oct. 17, 84.71; Dec. 17, 84.95.

20-36-14dad. (C) Elmer Hartman. Drilled observation water-table well in Ogallala formation, diameter 6 inches, depth 116 feet. Measuring point, top of casing, which is 0.50 foot above lsd. Highest water level 93.97 below lsd, Oct. 6, 1955; lowest 97.35 below lsd, Apr. 26, 1950. Records available: 1947-56. Feb. 9, 94.25; Apr. 25, 95.38; June 12, 94.43; Aug. 6, 94.44; Oct. 17, 95.36; Dec. 17, 94.49.

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25-16-11ddd. (C) John Yohon. Dug unused water-table well in Stanton limestone, diameter 5 feet, depth 20 feet, cribbed with rock. Measuring point, top north side of hole in concrete, which is 0.70 foot above lsd. Highest water level 4.36 below lsd, Aug. 2, 1951; lowest 14.26 below lsd, Nov. 3, 1956. Records available: 1948-52, 1956. Nov. 3, 14.26.

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101. (C) U.S.G.S. NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 11 S., R. 25 E. Drilled observation water-table well in alluvium, diameter 1 $\frac{1}{4}$ inches, depth 98 feet. Measuring point, top of casing, which is 1.60 feet above lsd. Highest water level 25.02 below lsd, July 11, 1945; lowest 44.55 below lsd, Dec. 31, 1948. Records available: 1944-48, 1950-56. Dec. 27, 40.84.