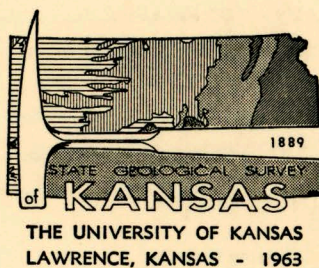


Ground-Water Levels in Observation Wells in Kansas, 1962

By Margaret E. Broeker
and John D. Winslow

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BULLETIN 167



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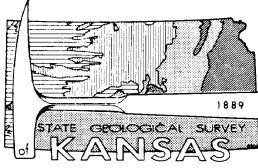
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BULLETIN 167

Ground-Water Levels in Observation Wells in Kansas, 1962

By Margaret E. Broeker
and John D. Winslow

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, 1962

ABSTRACT

Measurements of water levels in 848 wells in 77 counties in Kansas in 1962 are given in this report, which is the seventh in a series of annual water-level reports published by the state. Records for some wells for years before 1956 have been published in an annual series of water-supply papers by the U.S. Geological Survey; records for some wells in the Missouri Basin have been issued in 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 1962 ranged from 47.66 inches at Neosho Rapids in east-central Kansas to 12.39 inches at Lakin in southwestern Kansas (estimated 12.15 inches in Elkader in west-central Kansas). Kansas received above-normal precipitation for the year except for the east-central and south-central parts, where precipitation was slightly below normal.

RÉSUMÉ

On donne la documentation des niveaux d'eau dans 848 puits dans 77 comtés (counties) dans le Kansas en 1962 dans cette étude, la septième dans une série d'études annuelles, publiées par l'état. The U.S. Geological Survey a publié les registres de quelques puits des ans avant 1956 dans une série annuelle d'études sur l'approvisionnement d'eau; on a publié les registres de quelques puits dans le Missouri Basin dans une série annuelle d'études photocopiées des ans 1947 à 1955; et, on a compris les registres de quelques puits dans les deux études.

La précipitation en 1962 a varié de 121,06 centimètres à Neosho Rapids dans le Kansas est-central à 31,47 centimètres à Lakin dans le Kansas sud-ouest (30,86 centimètres estimatifs à Elkader dans le Kansas ouest-central). Le Kansas a reçu la précipitation au-dessus du normal à l'exception des régions de l'est-central et du sud-central, où la précipitation était légèrement au-dessous du normal.

AUSZUG

In diesem Bericht, der der siebente in einer Folge von jährlichen staatlichen Wasserstandsberichten ist, werden

Wasserstandsmessungen in 848 Brunnen in 77 Grafschaften (counties) in Kansas aus dem Jahre 1962 zusammengefasst. Daten über einige Brunnen für die Zeit vor 1956 sind in einer jährlichen Folge von Wasserversorgungs-Publikationen des U.S. Geological Survey veröffentlicht werden; Daten über einige Brunnen im Missouri Basin sind für die Jahre 1947 bis 1955 einschliesslich in einer jährlichen Folge von vervielfältigten Berichten herausgegeben werden; und Daten über einige Brunnen sind in beiden Berichten zu finden.

Die Niederschlagsmenge erstreckte sich 1962 von 121,06 Zentimetern in Neosho Rapids im östlichen Zentral-Kansas bis zu 31,47 Zentimetern in Lakin in Südwest-Kansas. (Für Elkader im westlichen Zentral-Kansas wurden 30,86 Zentimeter geschätzt.) Kansas hatte eine überdurchschnittliche Jahres-Niederschlagsmenge, abgesehen vom östlichen Zentral- und südlichen Zentral-Teil, wo der Niederschlag geringfügig unter dem Normalstand blieb.

RESUMEN

Mediciones de los niveles de agua en 848 pozos en 77 "counties" de Kansas en 1962 son dadas en este informe, el cual es el séptimo en una serie de informes anuales de niveles de agua publicada por el estado de Kansas.

Los registros de algunos pozos han sido publicados en una serie anual de artículos sobre suministro de agua (Water-Supply Papers) por el U.S. Geological Survey comprendiendo los años previos a 1956. Los registros de varios pozos en el Missouri Basin han sido publicados en una serie anual de informes mimeografiados para los años 1947 a 1955. En ambos informes, los registros de ciertos pozos han sido incluidos.

La precipitación varió en 1962 entre 121,06 centímetros en Neosho Rapids, en la parte central-oriental de Kansas, y 31,47 centímetros en Larkin, al suroeste de Kansas (30,86 centímetros se estimaron en Elkader, en la parte central-occidental de el estado). Kansas recibió precipitación por encima de la normal durante el año, con la excepción de las partes central-meridional y central-oriental, donde la precipitación fué un poco bajo la normal.

INTRODUCTION

In 1957 the first of a series of annual reports, containing records of observation wells in Kansas in 1956, was published by the State Geological Survey of Kansas. This report is the seventh of the series and contains the water-level measurements of 848 wells made during 1962. The six reports that have been published are:

Year	State Geological Survey Bulletin
1956	125
1957	131
1958	141
1959	146
1960	153
1961	159

Before 1956 water-level measurements were published annually by the U.S. Geological Survey as water-supply papers. Those in which measurements of Kansas observation wells have been published are given in Table I. Beginning with 1956 (Water-Supply Paper 1456), the records of a selected network of observation wells have been published by the U.S. Geological Survey at 5-year intervals.

The objectives of the observation-well program are to provide an evaluation of available ground-water supplies, to facilitate the prediction of trends in ground-water levels that will indicate the probable status of important ground-water supplies in the future, to aid in the prediction of the base flow of streams, to provide information for use in basic research, and to

provide long-term, continuous records of fluctuations of water levels in representative wells. These selected records serve as a framework to which may be related many short-term records collected during an intensive investigation.

TABLE I.—U.S. Geological Survey Water-Supply Papers in which water-level measurements of Kansas observation wells 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	1956	1456
		1957-61	1781

Water levels in wells fluctuate in response to recharge and discharge of ground water. The water level may be influenced by direct recharge from precipitation, withdrawals from wells or springs, transpiration by vegetation, evaporation from the soil and free water surfaces, and changes in atmospheric pressure.

COOPERATIVE GROUND-WATER PROGRAM

The observation-well program in Kansas is carried out as a part of a cooperative ground-

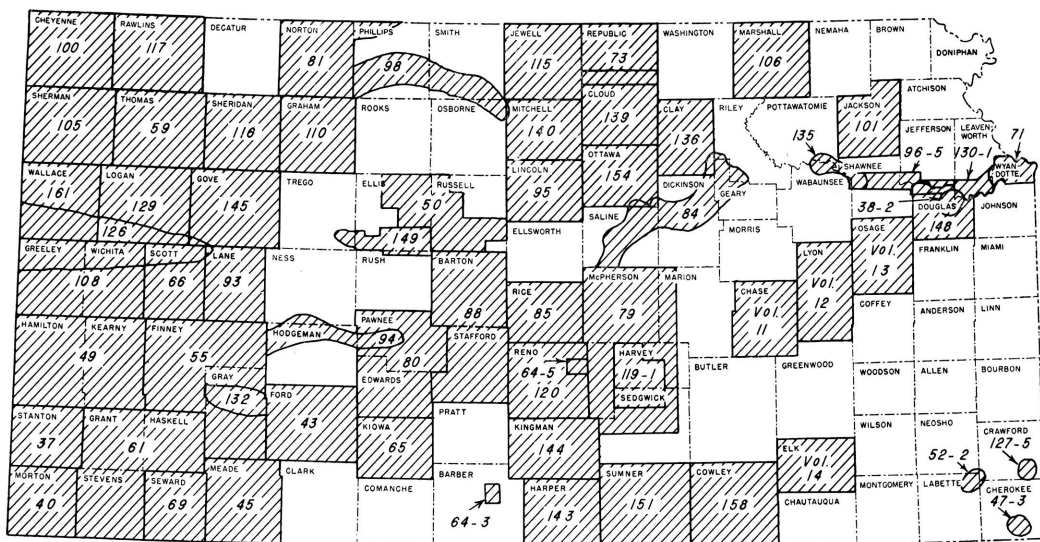


FIGURE 1.—Areas in Kansas for which ground-water reports have been published as bulletins by the State Geological Survey. (Numbers on map correspond to bulletin numbers.)

water program by federal and state agencies. A cooperative investigation of the ground-water resources of Kansas was begun in 1937 by the U.S. Geological Survey, the State Geological Survey, the Division of Sanitation of the State Board of Health, and the Division of Water Resources of the State Board of Agriculture. The city of Wichita cooperated in a study of the Equus-beds area. In 1946 special studies were started in parts of Kansas within the Missouri Basin as a part of the Interior Department program for development of the Missouri Basin. These special studies were made in areas in which the Bureau of Reclamation was making investigations of proposed irrigation projects.

The ground-water program in Kansas is carried out under the direction of or in cooperation with the following:

- U.S. Geological Survey
 - Director T. B. Nolan
 - Ground-Water Branch
 - Chief O. M. Hackett
 - Branch Area Chief T. G. McLaughlin
 - District Engineer V. C. Fishel
- State Geological Survey
 - Director F. C. Foley
 - Associate Director W. W. Hambleton
- State Board of Health, Division of Sanitation
 - Chief Engineer J. Lee Mayes
 - Chief, Oil-Field Section Bruce Latta
- State Water Resources Board
 - Executive Secretary D. F. Metzler
- State Board of Agriculture, Division of Water Resources
 - Chief Engineer R. V. Smrha
 - Engineer H. L. Mackey
- Water Commissioners
 - Eastern Kansas J. E. Schrock
 - Northwestern Kansas C. I. Stocking

- South-central Kansas J. M. Street
- Southwestern Kansas G. M. Vincent
- City of Wichita, Water-Supply Division
 - Director R. H. Hess
 - Hydrologist G. J. Stramel
 - Superintendent of Well Field S. A. Smith

The results of the cooperative ground-water studies in Kansas have been published as bulletins by the State Geological Survey. Since the program was started in 1937, the studies have included all or parts of 87 counties (Fig. 1). In 1962 the report describing the geology and water resources of Cowley County (Bayne) was published.

Although this report is a cooperative product of the U.S. Geological Survey and the Kansas Geological Survey, the stratigraphic nomenclature is that of the Kansas Geological Survey and does not necessarily follow the nomenclature of the U.S. Geological Survey.

ACKNOWLEDGMENTS

Measurements of water levels by the Division of Water Resources include those of southwestern Kansas by Howard C. Corrigan, Paul F. Sweangen, and Dale D. Jacob, those of south-central Kansas by Franklin J. Ellyson, those of northwestern and north-central Kansas by Harold C. Bennett, and those of eastern Kansas by Kenneth Burgett and Don Schmanke. The measurements for two wells in the Anthony well field were submitted by C. W. Atchison, Water Superintendent, and W. J. Schriever, Chief Engineer. Measurements of the water levels in wells in the Almena, Bostwick, and St.

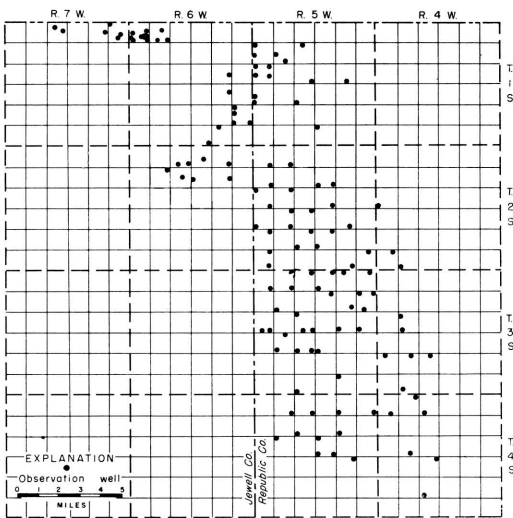


FIGURE 3.—Observation wells in Bostwick unit in Jewell and Republic Counties, December 31, 1962.

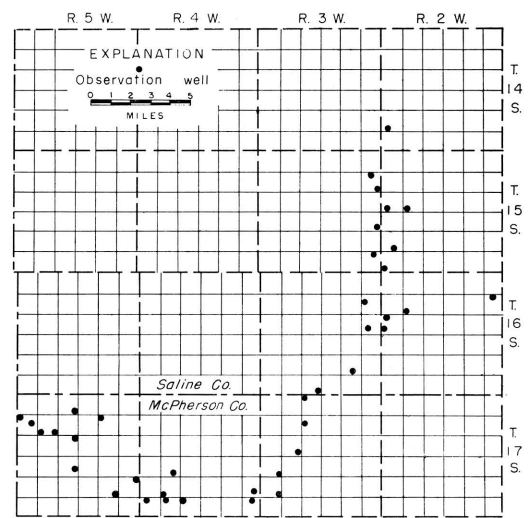


FIGURE 4.—Observation wells in Kanopolis unit in Saline and McPherson Counties, December 31, 1962.

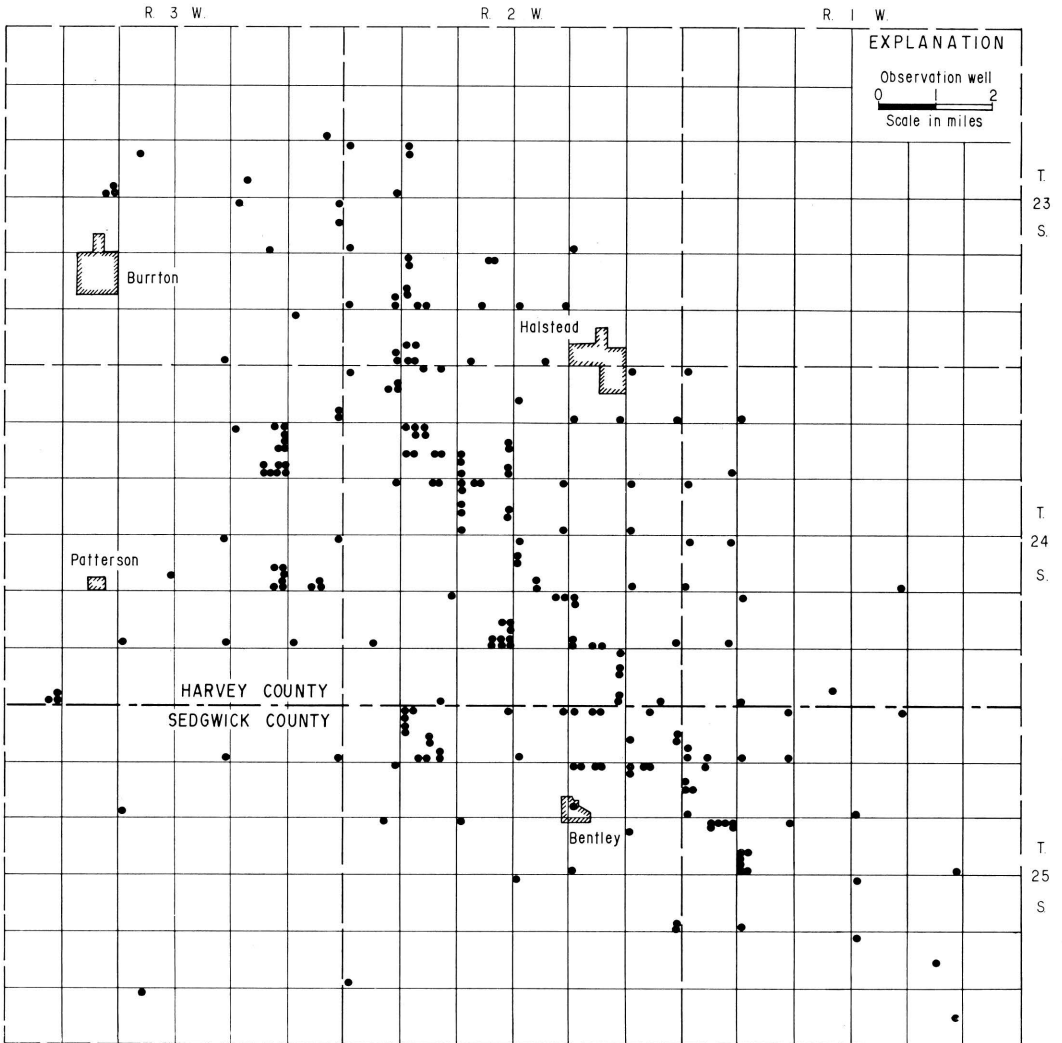


FIGURE 5.—Observation wells in Equus-beds area, Harvey and Sedgwick Counties, December 31, 1962.

Francis units of the Missouri Basin program were made by the Bureau of Reclamation under the direction of Paul H. Berg, Project Manager, Kansas River Projects Office. The other wells were observed by members of the Federal and State Geological Surveys.

SCOPE OF WATER-LEVEL PROGRAM

At the end of 1962, the water levels in 820 wells in 77 counties were being observed. During 1962, 30 wells were added to the observation-well network, and measurements were discontinued in 28 wells. Eleven wells were equipped with recording gages; some wells

were observed weekly, some monthly, some quarterly, and some annually. The distribution of the wells by counties is given in Table 2 and is shown in Figures 2 through 8. In five areas in central Kansas the wells are too closely spaced to show on the areal map in Figure 2; hence, these areas are shown enlarged in Figures 3 through 8.

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. These valley areas are in the units that were proposed or were being developed as irrigation projects

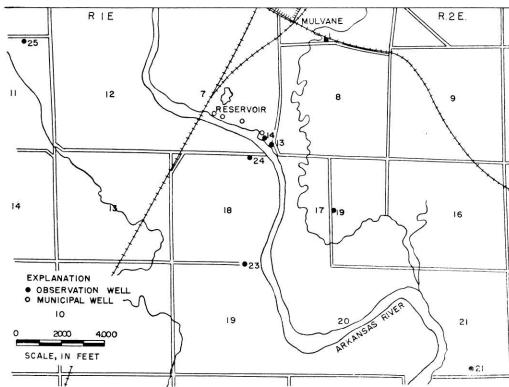


FIGURE 6.—Observation wells near Mulvane, Sumner County, December 31, 1962.

TABLE 2.—Distribution of observation wells in Kansas at the end of 1962.

County	Missouri Basin	Arkansas Basin	Observer ^a
Atchison	1	....	GS
Barber	....	6	KSBA
Barton	....	8	KSBA
Bourbon	1	....	GS
Brown	4	....	GS
Chase	....	4	GS
Cherokee	....	4	GS
Cheyenne	16	....	BR, KSBA
Clark	....	4	KSBA
Cloud	12	....	BR, GS
Comanche	....	2	KSBA
Crawford	1	1	GS
Decatur	6	....	KSBA
Douglas	5	....	GS
Edwards	....	3	KSBA
Ellis	12	....	GS, KSBA
Ellsworth	1	....	GS
Finney	....	15	KSBA
Ford	....	5	KSBA
Gove	4	....	KSBA
Graham	6	....	KSBA
Grant	....	9	KSBA
Gray	....	11	KSBA
Greeley	3	1	KSBA
Hamilton	....	5	KSBA
Harper	....	2	A
Harvey	....	161	W
Haskell	....	4	KSBA
Hodgeman	....	3	KSBA
Jackson	1	....	GS
Jefferson	2	....	GS, KSBA
Jewell	37	....	BR, GS
Johnson	4	....	GS
Kearny	....	5	KSBA
Kingman	....	2	KSBA
Kiowa	....	3	KSBA
Lane	....	4	KSBA
Leavenworth	1	....	GS
Lincoln	3	....	GS
Linn	2	....	GS

County	Missouri Basin	Arkansas Basin	Observer ^a
Logan	4	....	KSBA
McPherson	22	....	GS
Meade	....	9	KSBA
Mitchell	6	....	GS
Morton	....	4	KSBA
Ness	....	3	KSBA
Norton	5	....	GS, KSBA
Osborne	26	....	GS, KSBA
Ottawa	7	....	GS, BR
Pawnee	....	3	KSBA
Phillips	2	....	GS
Pottawatomie	2	....	KSBA
Pratt	....	4	KSBA
Rawlins	6	....	KSBA
Reno	....	2	KSBA, W
Republic	92	....	BR
Rice	....	2	KSBA
Rooks	13	....	KSBA
Rush	....	11	KSBA
Russell	6	....	KSBA
Saline	17	....	GS
Scott	....	7	KSBA
Sedgwick	....	86	W, KSBA, GS
Seward	....	5	KSBA
Shawnee	22	....	KSBA, GS
Sheridan	6	....	KSBA
Sherman	7	....	KSBA
Smith	15	....	GS
Stafford	....	3	KSBA
Stanton	....	7	KSBA
Stevens	....	5	KSBA
Sumner	....	8	GS
Thomas	7	....	KSBA
Trego	3	....	GS, BR
Wallace	3	....	KSBA
Wichita	3	3	KSBA
Woodson	....	1	GS
Total	396	424	

^a GS, Federal and State Geological Surveys; KSBA, Division of Water Resources, Kansas State Board of Agriculture; BR, Bureau of Reclamation; A, Water Superintendent, Anthony; W, city of Wichita.

by the Bureau of Reclamation. The water-level measurements made on these wells during 1962 are given in this report. The areas included in the Missouri Basin program are given in Table 3.

WELL-NUMBERING SYSTEMS

Most wells are numbered either serially within counties or in accordance with the Bureau of Land Management's 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,

TABLE 3.—Valley areas included in the Missouri Basin program.

Unit	Valley	County	Number of wells being measured at end of 1962
Almena	Prairie Dog Creek	Norton and Phillips	3
Bostwick	Republican River	Jewell, Republic, and Cloud	130
Cedar Bluff	Smoky Hill River	Ellis and Trego	14
Glen Elder	Solomon River	Mitchell	6
Kanopolis	Smoky Hill River	Saline, McPherson, and Ellsworth	40
Kirwin	North Fork Solomon River	Smith, Phillips, and Osborne	20
Webster	South Fork Solomon River	Osborne	32
Wilson	Saline River	Lincoln	3
St. Francis	South Fork Republican River	Cheyenne	14
Total			262

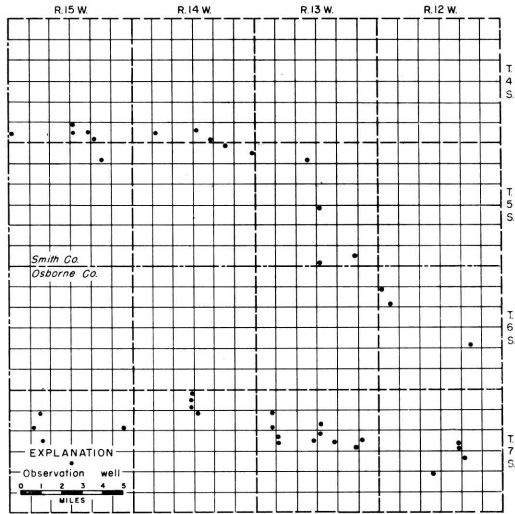


FIGURE 7.—Observation wells in Smith and Osborne Counties, December 31, 1962.

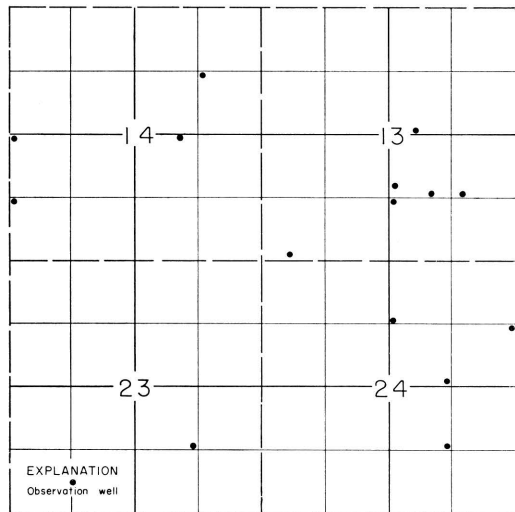


FIGURE 8.—Map of sections 13, 14, 23, and 24, T. 11 S., R. 15 W., Shawnee County, showing location of observation wells, December 31, 1962.

the number 6-2-30dad indicates that the well is in the SE 1/4 NE 1/4 SE 1/4 sec. 30, T. 6 S., R. 2 W. (Fig. 9).

The letters MB following the well number indicate that the well is a Missouri Basin well and that records previous to 1956, if any, were released annually in a 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 prefix M in the number of some wells in Harvey and Sedgwick Counties indicates public-supply wells of the city of Wichita, and the suffix r indicates a replacement for the original municipal well of that number. The suffix letter b designates a shallow observation well near the municipal well of the same number; the letter d indicates a deep observation well near the same well. The observation wells are from 200 to 500 feet from the pumped well, and generally where there are a shallow and a deep observation well, they are adjacent.

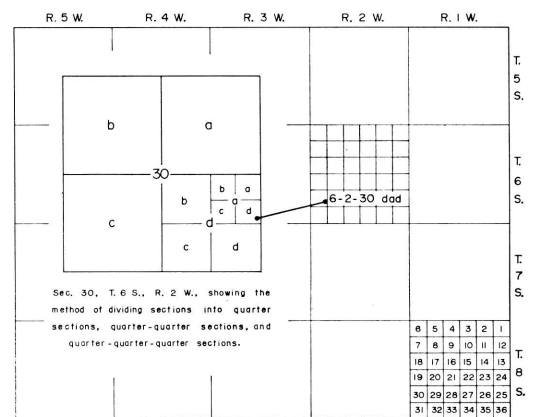


FIGURE 9.—Sketch of Cloud County illustrating well-numbering system based on land-classification system.

PRECIPITATION

Information pertaining to precipitation was obtained from the U.S. Weather Bureau annual summary of climatological data for Kansas for 1962. Annual precipitation in the state ranged from 47.66 inches at Neosho Rapids in Lyon County to 12.39 inches at Lakin in Kearny County (estimated precipitation 12.15 at Elkader in Logan County).

The precipitation in Kansas for 1962 is summarized in Figures 10, 11, and 12. Figure 10 shows the monthly precipitation and normal precipitation at Goodland in western Kansas, at Concordia in central Kansas, and at Lawrence in eastern Kansas. The average precipitation and the departure from average in the nine Weather Bureau divisions of the state (Fig. 11), as given by the Weather Bureau in the annual summary of 1962 climatological data, are:

Division	Average precipitation, inches	Departure, above average, inches
Northwest	25.90	6.36
North-central	28.74	3.46
Northeast	35.26	2.04
West-central	20.72	1.55
Central	30.84	4.73
East-central	34.80	-0.73
Southwest	20.39	2.61
South-central	26.40	0.51
Southeast	32.38	-4.42

The average precipitation was above normal in all divisions except east-central and southeast Kansas. Precipitation ranged from 6.36 inches above normal in the northwest division to 4.42 inches below normal in the southeast division.

Figure 12 shows the annual precipitation and the cumulative departure from normal precipitation at Goodland, Concordia, and Lawrence for the 25-year period 1938 to 1962. Since 1938 precipitation at each of these places has averaged more than normal—which is 25.39 inches at Concordia, 16.50 inches at Goodland, and 34.57 inches at Lawrence.

CHANGES IN WATER LEVELS

A water table is not a stationary surface, but a surface that fluctuates up and down much like the water level in a lake or reservoir. Under natural conditions, over a long period of time, there is approximate equilibrium between the amount of water that is added to ground-water storage and the amount that is discharged by natural means. In general, the water table rises when recharge exceeds discharge and declines when discharge exceeds recharge. Thus, changes in the water levels in wells indicate to what

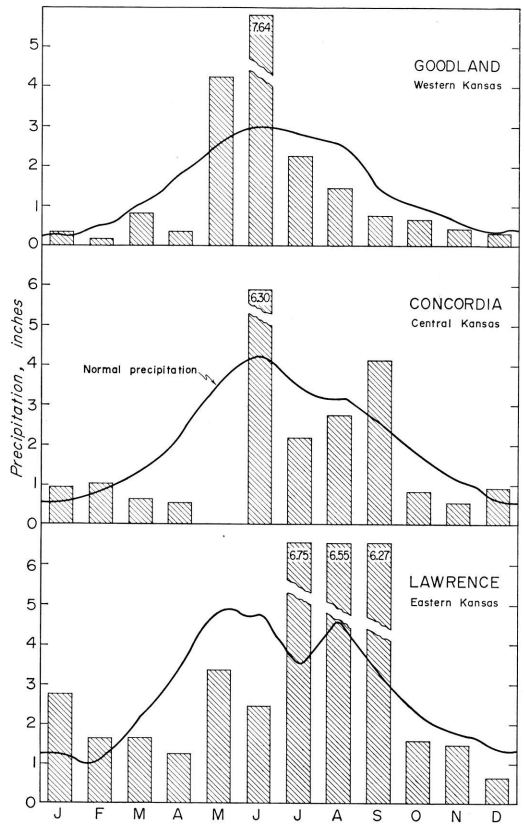


FIGURE 10.—Monthly precipitation during 1962 and normal monthly precipitation at Goodland, Concordia, and Lawrence. Data from reports of U.S. Weather Bureau.

extent the ground-water reservoir is being depleted or replenished.

The relation between the amount of precipitation and the level at which the water stands in wells is complicated by several factors. During a long dry period, the soil moisture becomes depleted through evaporation and transpiration, and 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.

Artesian wells are influenced over large areas by changes in the rate of pumping from other wells, changes in atmospheric pressure, earthquakes, earth tides, and recharge from precipitation, although the recharge may not be noticeable immediately.

WESTERN KANSAS

All municipal water supplies in western Kansas are obtained from ground water. Also, large quantities of water are pumped for irrigation. Average annual recharge in much of the area is low, possibly one-fourth to one-half an inch, but most of this recharge occurs during years of heavy precipitation. The changes in water levels in western Kansas are shown by the hydrographs of 13 wells in Figures 13, 14, and

15. The changes in water levels in selected observation wells at approximately 5-year intervals are shown for 10 counties in southwestern Kansas in Figures 16 to 18, inclusive.

Precipitation was above normal in western Kansas during 1962, but the water level declined in most wells. Most of the decline was caused by pumping for irrigation. Of the 13 wells for which hydrographs are given in Figures 13, 14, and 15, the water level declined in 11 wells, rose in 1, and had no net change during the year in 1. The average decline of the water level in 11 wells was 2.2 feet, and the decline of water level ranged from 4.2 feet in well 1 in Scott County to 0.5 foot in well 117 in Morton County. The water level in well 8 in Ford County rose 0.2 foot.

CENTRAL KANSAS

Changes in ground-water levels in central Kansas are shown in Figures 19 and 20. Figure 19 gives the hydrographs of a well in Mitchell County and three wells in south-central Kansas; two of the latter are in Barton County, and one

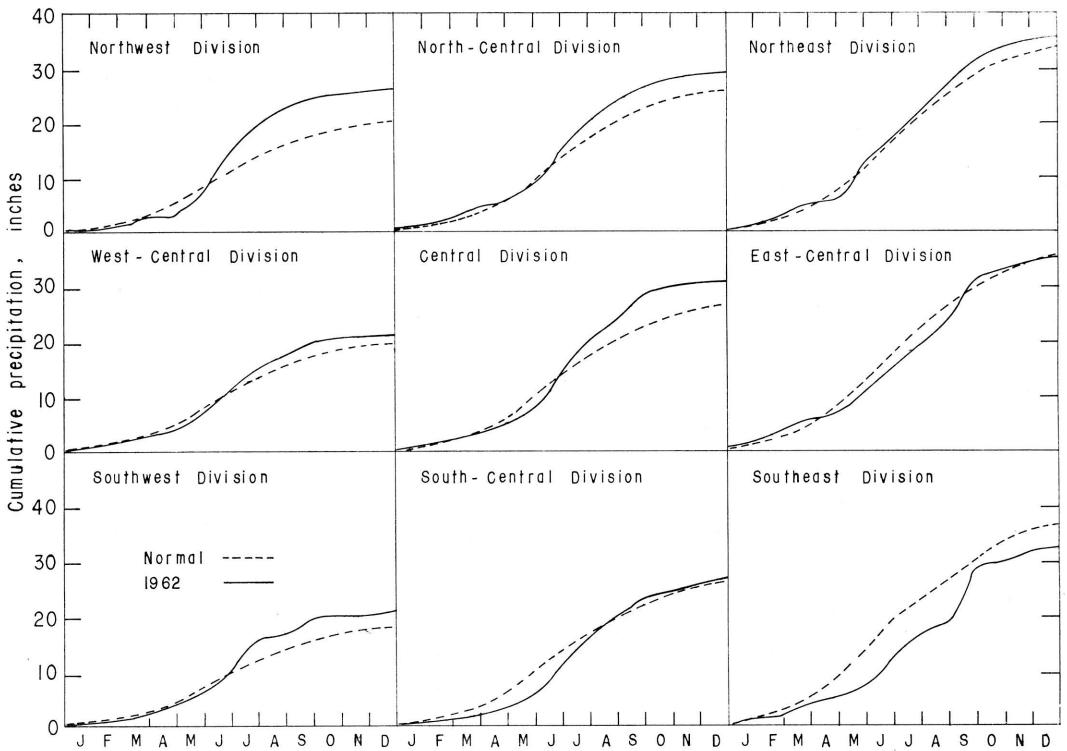


FIGURE 11.—Cumulative normal precipitation and cumulative precipitation for 1962 in nine segments of Kansas. Illustration furnished by H. L. Mackey, Division of Water Resources.

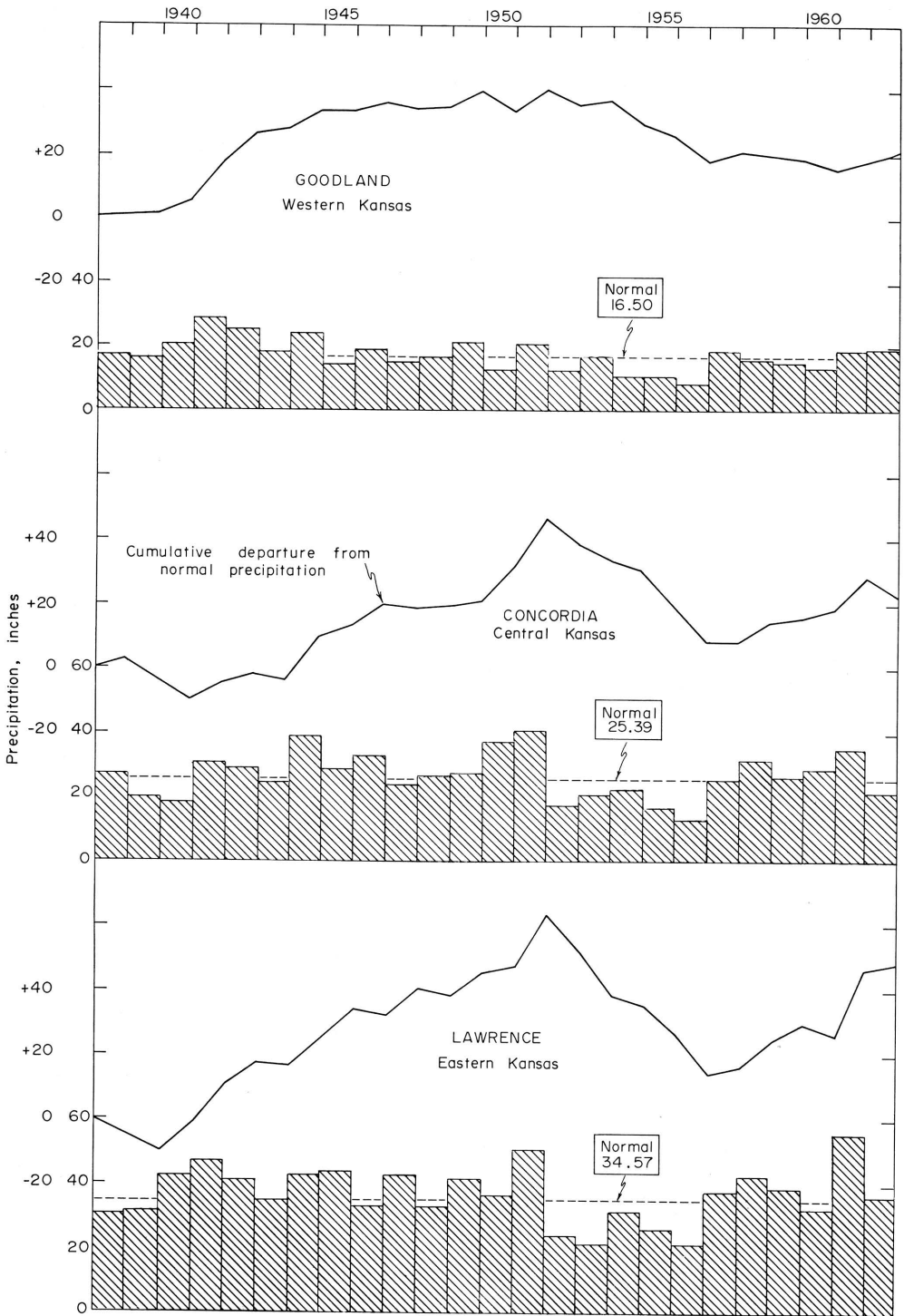


FIGURE 12.—Annual precipitation and cumulative departure from normal precipitation for 25-year period 1938 through 1962 at Goodland, Concordia, and Lawrence. Data from reports of U.S. Weather Bureau.

is in Sedgwick County. Figure 20 gives the hydrographs of four wells in the Wichita well-field area in Harvey and Sedgwick Counties.

Most ground-water levels in central Kansas declined during 1962. The water levels in the 2 wells in Barton County for which hydrographs are shown in Figure 19 had an average net decline of about 0.9 foot. The water level in well 12 in Sedgwick County declined 0.8 foot during the year.

Pumping for municipal supply in the Equusbeds area was begun in 1940 by the city of Wichita. The large decline of the water level in this area has been caused by three factors: pumping by the city of Wichita, pumping of the many irrigation wells drilled in recent years, and the natural decline caused by the drought from 1952 through 1956. The resultant decline of the water level from August 30, 1940, to December 31, 1962, is shown in Figure 21. The total area affected by the municipal pumping at the end of 1962 was about 75 square miles. The water level declined more than 10 feet in an area of 28 square miles and more than 20 feet in an area of 0.4 square mile. The maximum decline was about 22 feet. The areal decline of the

water table from 1940 through 1962 is shown graphically in Figure 22.

EASTERN KANSAS

The water table in eastern Kansas was seriously affected by the drought from 1952 through 1956. Water levels were at record high stages in 1951 and then generally declined until the spring of 1957. Changes in ground-water levels in eastern Kansas are shown in Figure 23 by the hydrograph of one well in Douglas County and one well in Shawnee County. The water level began an upward trend during the spring of 1957 and continued this trend during 1958. The water levels in these two wells declined an average of 1.3 feet during 1959. They had an average seasonal rise of 2.0 feet in 1960, but the level in the well in Douglas County had a net annual decline of 0.6 foot and the level in the well in Shawnee County had a net rise of 0.1 foot.

The precipitation was 20.46 inches above normal at Lawrence in Douglas County and 8.57 inches above normal at Topeka in Shawnee County during 1961. Accordingly, the water level rose 5.1 feet in well 12-20-17ccb in Douglas County and 1.5 feet in well 11-15-16c in Shaw-

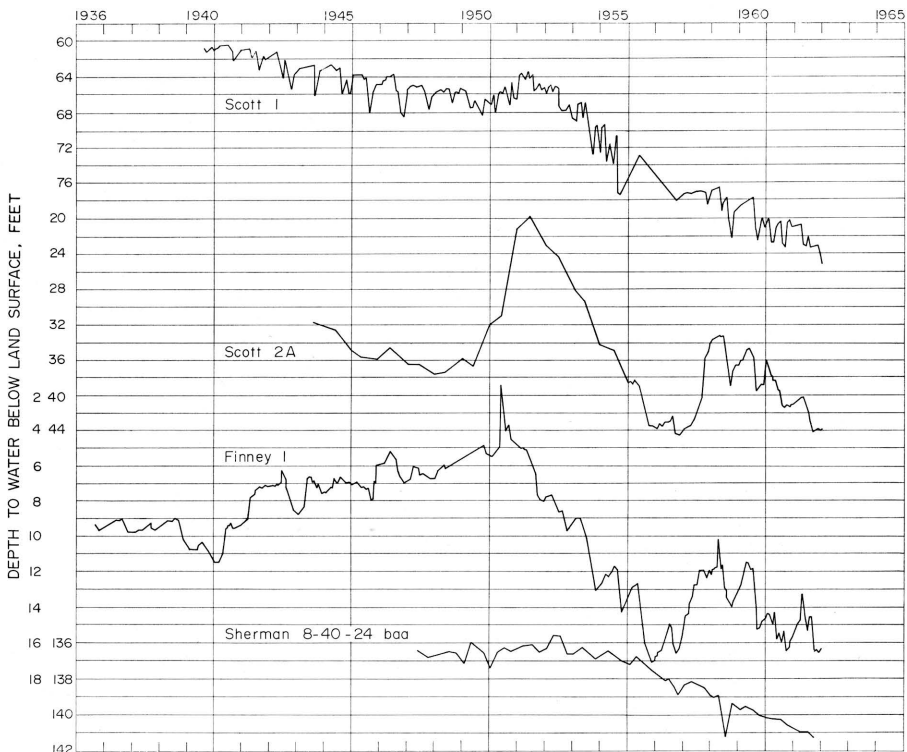


FIGURE 13.—Hydrographs of four wells in Finney, Scott, and Sherman Counties.

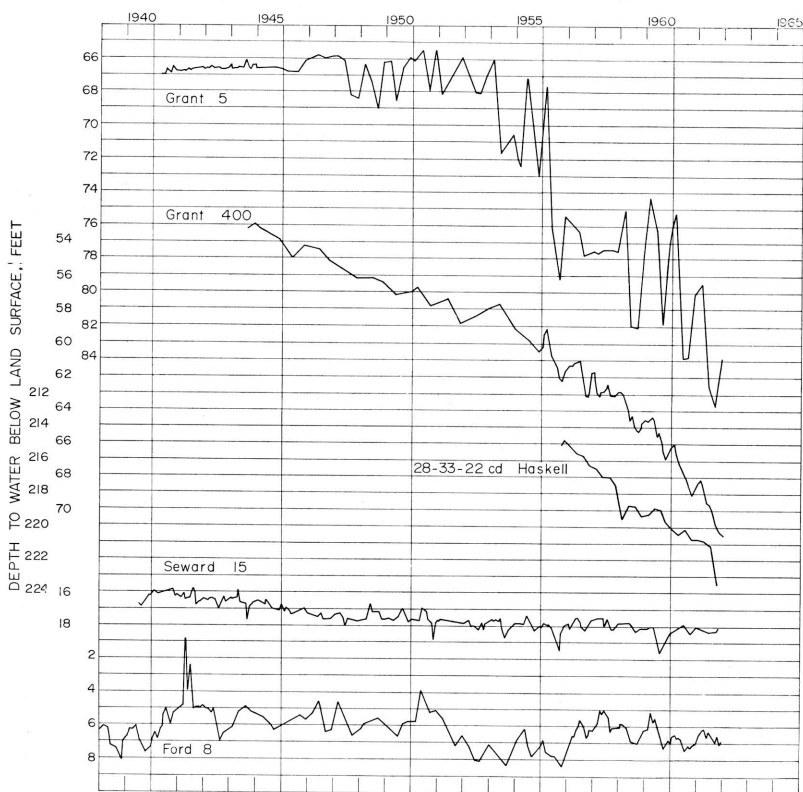


FIGURE 14.—Hydrographs of five wells in Ford, Grant, Haskell, and Seward Counties.

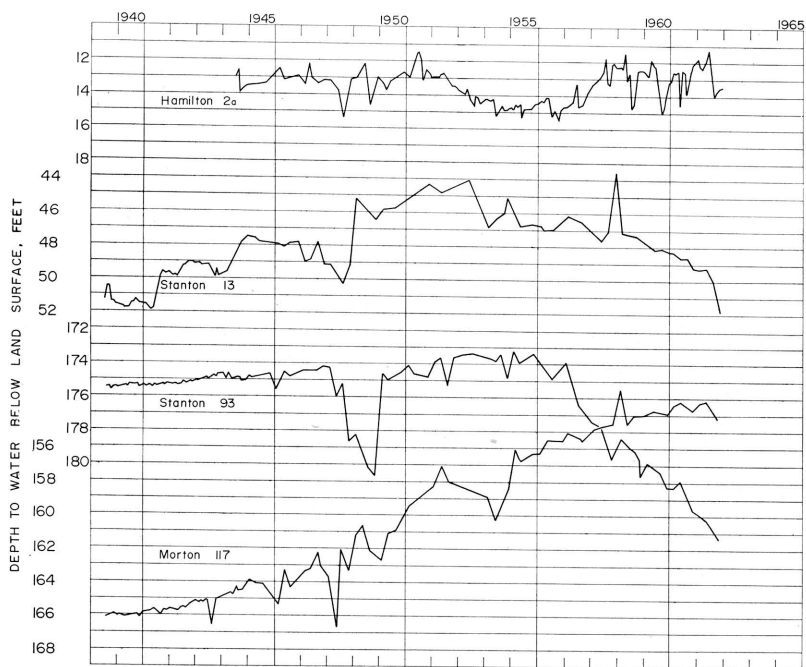


FIGURE 15.—Hydrographs of four wells in Hamilton, Morton, and Stanton Counties.

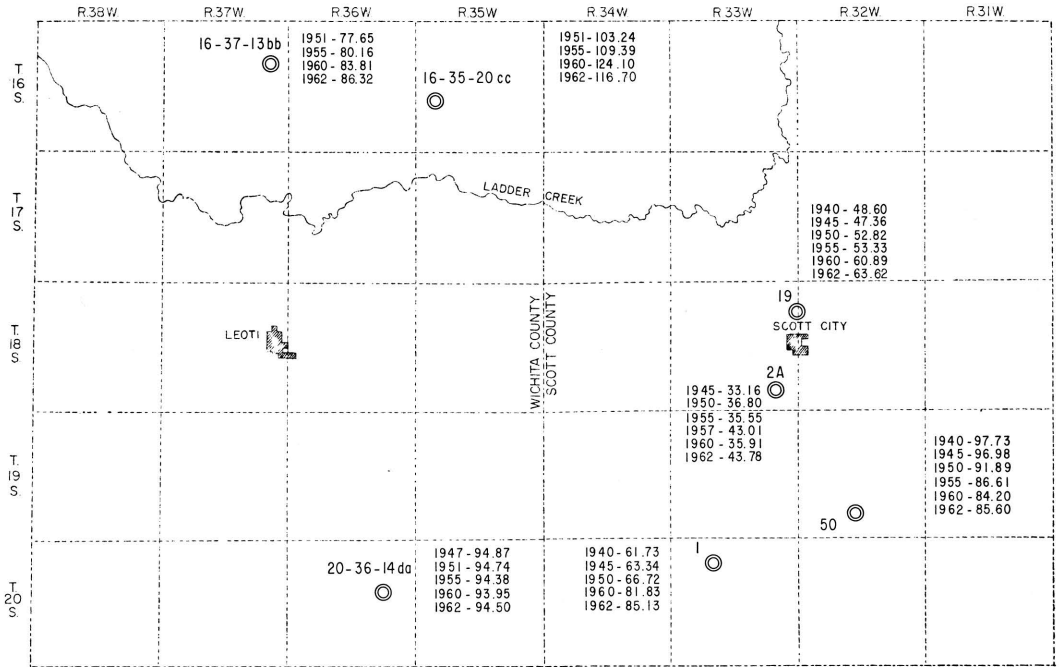


FIGURE 16.—Depth to water in selected observation wells in Scott and Wichita Counties.

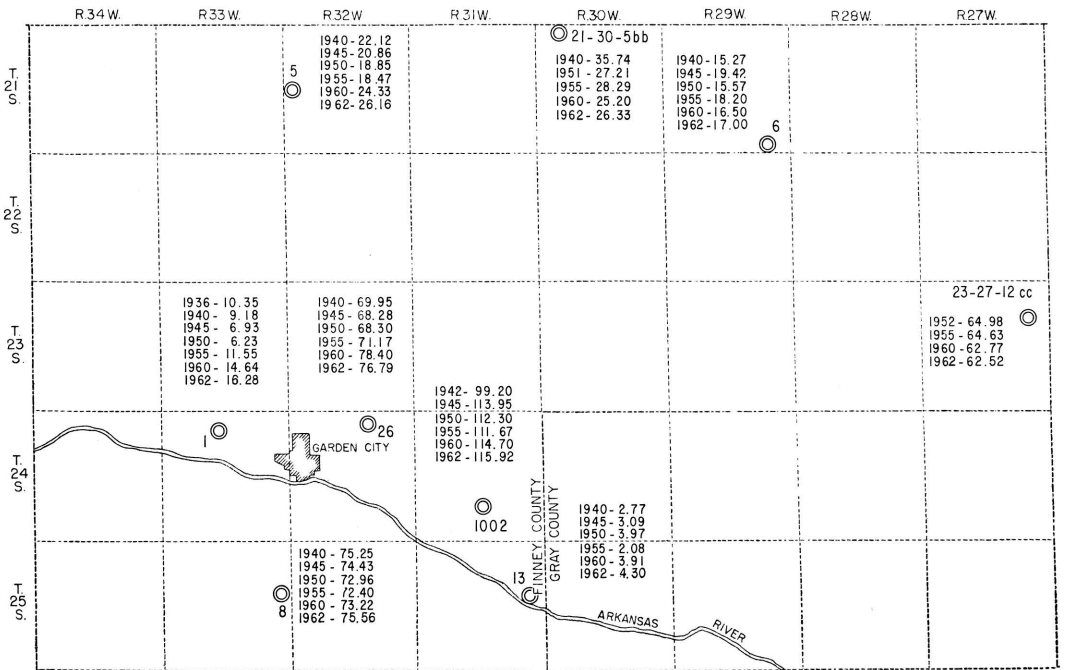


FIGURE 17.—Depth to water in selected observation wells in Finney and Gray Counties.

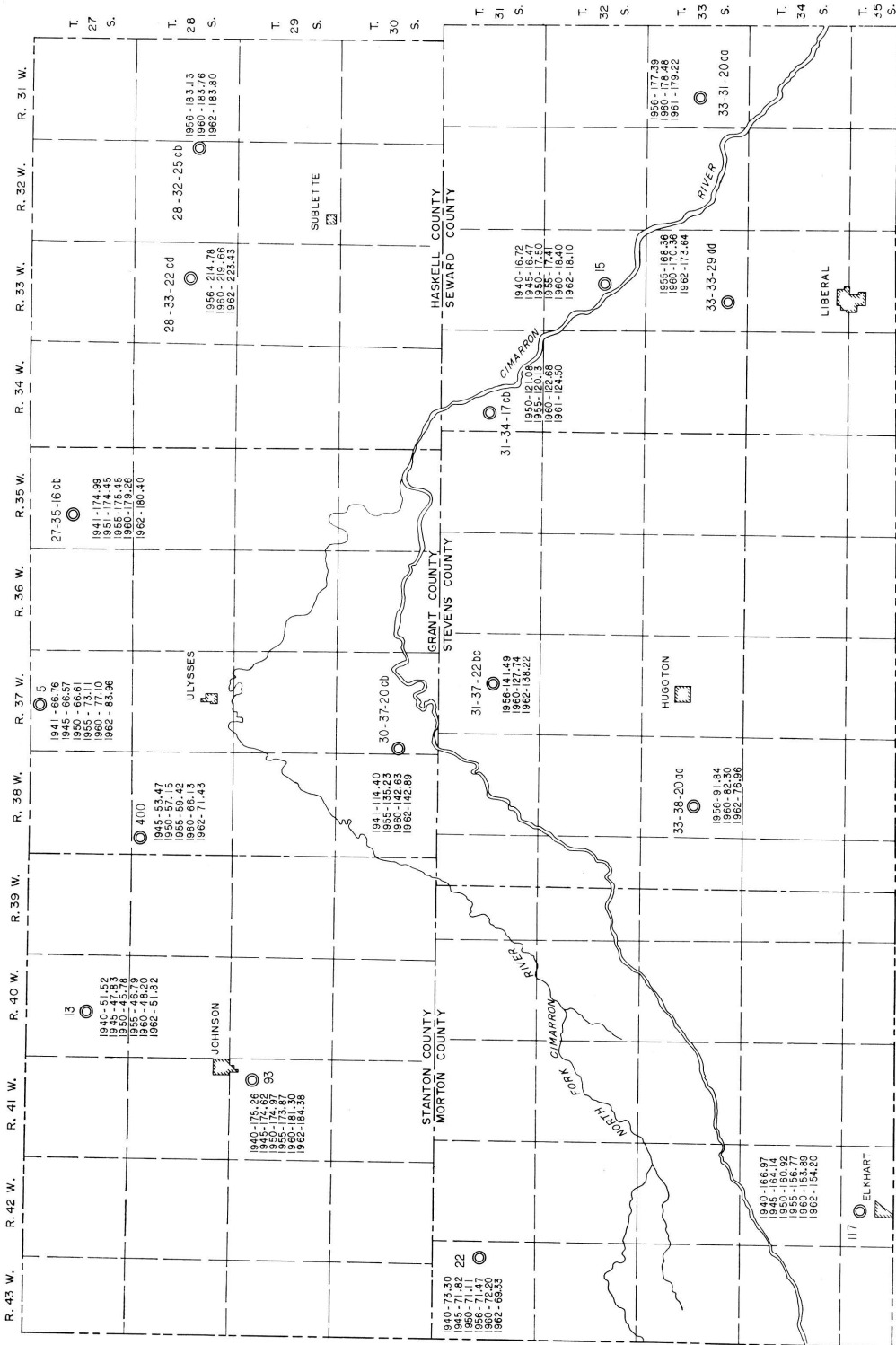


FIGURE 18.—Depth to water in selected observation wells in Morton, Stanton, Grant, Stevens, Haskell, and Seward Counties.

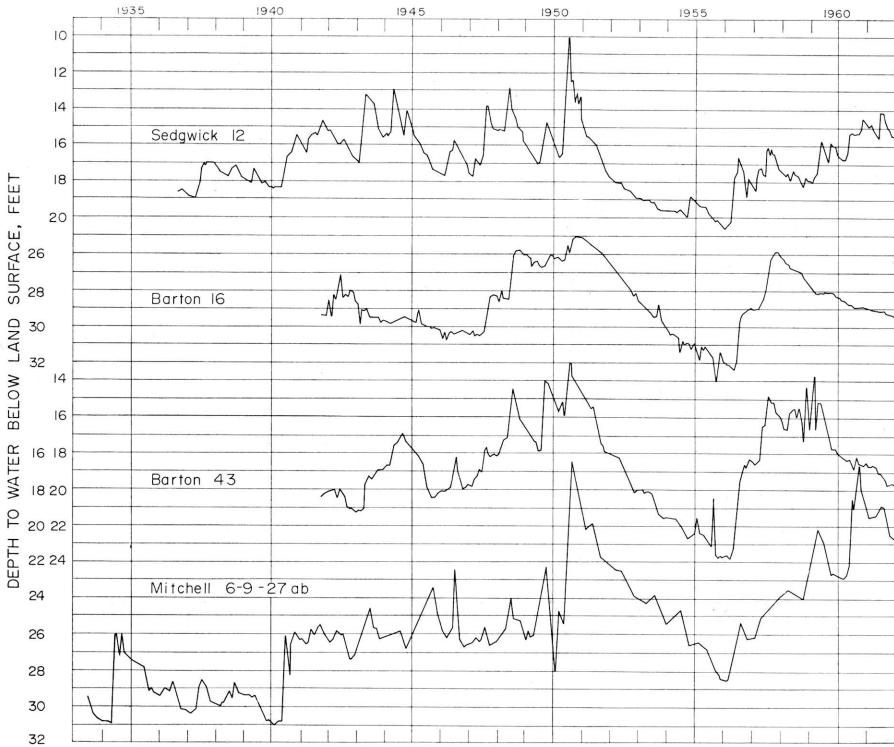


FIGURE 19.—Hydrographs of four wells in Barton, Mitchell, and Sedgwick Counties.



FIGURE 20.—Hydrographs of four wells in Harvey and Sedgwick Counties.

nee County. The decline of water levels in the two wells during 1962 reflects the normal precipitation during the year following a year of above-normal precipitation. In 1962 the water level declined 2.82 feet in well 12-20-17ccb, and 2.01 feet in well 11-15-16c.

RECORD OF WATER LEVELS

Measurements of depth to water in observation wells are given in Table 4 with reference to land-surface datum (lsd), a precise datum plane that is approximately at the land surface of each well. The measurements are made from a fixed measuring point a short distance above

or below land-surface datum and are then adjusted so that the depths to water are given in feet below the land-surface datum.

The depths of most wells included in this report were remeasured during 1961 and 1962. The corrected depth, in feet below land surface, is given for each well for which the previously reported depth was in error. Many of the past water-level records have been reviewed during the preparation of this report, and where errors in previously published data were found, corrections have been made in Table 4.

Information for each well in Table 4 is given in accordance with the following example of well 19-7-10da in Chase County.

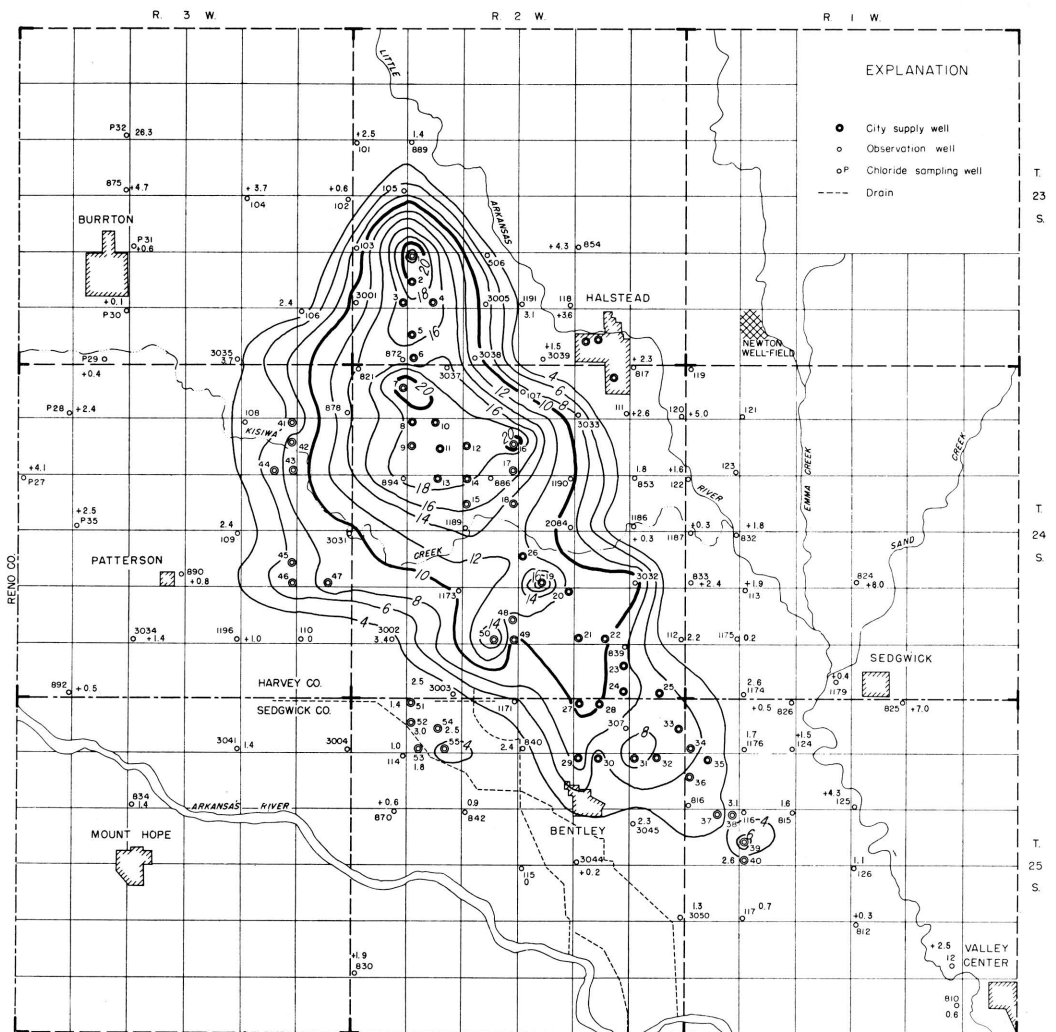


FIGURE 21.—Map of Wichita well field in Equus-beds area showing lines of equal change in water level from August 30, 1940, to December 31, 1962.

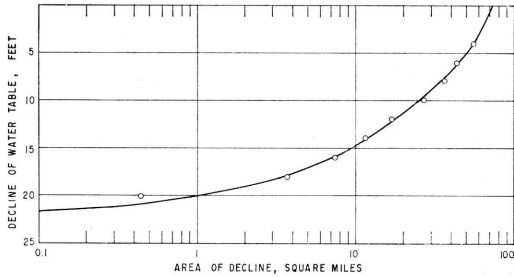


FIGURE 22.—Area of decline of water table in Wichita well-field area from September 1940 to December 31, 1962.

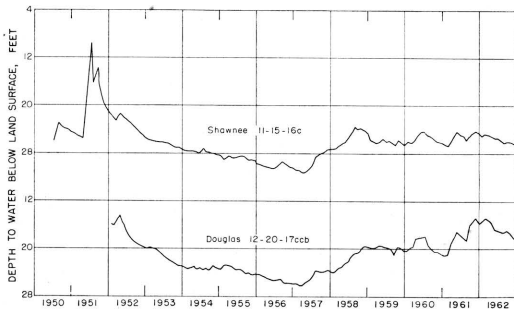


FIGURE 23.—Hydrographs of two wells in Douglas and Shawnee Counties.

Well number as described on page 21 (19-7-10da); Missouri Basin well or cooperative well (MB or C); owner (Herbert T. Drake); type of well (dug unused water-table well); geologic formation (alluvium); diameter (42 inches); depth (24 feet); casing (cribbed with rock); description of measuring point (top of concrete curbing, 1.00 foot above land-surface datum); highest water level during period of record (3.19 feet below land-surface datum, July 24, 1951); lowest water level during period of record (20.23 feet below land-surface datum, February 16, 1957); period of record during which measurements have been made (1948-1962); measurements made during 1962 (September 12, 8.75 feet below land-surface datum).

TABLE 4.—Records of water levels in observation wells.

ATCHISON COUNTY

5-18-3dd. (C)* Carl Mehl. Dug stock and domestic water-table well in glacial deposits, diameter 36 inches, depth 10 feet, cribbed with rock. Well down-gradient from a pond. Measuring point, top boards over well, 0.30 foot above lsd. Highest water level 0.39 below lsd,

* (MB) following well numbers indicates that the records for these wells were collected as a part of the Missouri Basin program of the Department of the Interior; (C) indicates that the records were collected as a part of the Kansas cooperative ground-water program.

Sept. 27, 1951; lowest 5.22 below lsd, Oct. 27, 1956. Records available: 1948-52, 1956-57, 1960-62. Mar. 14, 1.73; July 27, 1.72; Sept. 18, 1.92.

BARBER COUNTY

1. (C) D. S. Shaw. SE NW sec. 19, T. 31 S., R. 15 W. Drilled unused water-table well in deposits of Permian age, diameter 8 to 6 inches, depth 95 feet. Measuring point, top of well cover, 1.05 feet above lsd. Measurements of 66.25 feet below lsd for Mar. 19, 1951, and 65.40 for June 20, 1951, were erroneously published previously as 57.25 and 56.40, respectively. Highest water level 63.25 below lsd, Dec. 19, 1951 (erroneously reported previously as 56.40 below lsd, June 20, 1951); lowest 82.99 below lsd, Oct. 17, 1940. Records available: 1940-62. Jan. 29, 74.59; Apr. 18, 74.69; July 23, 74.77; Oct. 23, 75.43.

4. (C) Madge Evans. SW SE sec. 4, T. 32 S., R. 12 W. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 66 feet. Measuring point, top south side of pump base, 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: 1940-62. Jan. 29, 15.99; Apr. 18, 16.15; July 23, 16.71; Oct. 23, 16.56.

5. (C) R. Kenney. NE NW sec. 1, T. 33 S., R. 12 W. Dug stock water-table well in alluvium, diameter 24 inches, depth 24 feet, cribbed with stone. Measuring point, top north side of curb, 0.90 foot above lsd. Highest water level 16.97 below lsd, June 24, 1957; lowest 30.15 below lsd, Sept. 24, 1941. Records available: 1940-62. Jan. 29, 18.87; Apr. 18, 19.49; July 23, 19.35; Oct. 23, 19.27.

8. (C) P. Brack. SE NE sec. 17, T. 34 S., R. 15 W. Dug unused water-table well in alluvium, diameter 36 inches, depth 26 feet, cribbed with brick. Measuring point, top north side of brick curb, 0.60 foot above lsd. Highest water level 8.87 below lsd, Nov. 21, 1941; lowest 21.01 below lsd, Apr. 3, 1957. Records available: 1940-62. Jan. 29, 15.46; Apr. 18, 15.49; July 23, 16.72; Oct. 23, 17.38.

9. (C) V. D. Wells. SE SE sec. 18, T. 34 S., R. 15 W. Driven unused water-table well in alluvium, diameter 1 inch, depth 6 feet. Measuring point, top of pipe, 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: 1940-62. Jan. 29, 2.01; Apr. 18, 2.05; July 23, 1.77; Oct. 23, 1.53.

10. (C) G. H. Davis. NW SW 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, 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: 1940-62. Jan. 29, 104.32; Apr. 18, 104.38; July 23, 104.64; Oct. 23, 104.69.

BARTON COUNTY

1. (C) F. Panning. SE cor. sec. 3, T. 20 S., R. 11 W. Driven unused water-table well in alluvium, diameter 1¼ inches, depth 8 feet. Measuring point, top edge of pipe, 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: 1942-62.

Jan. 16	5.05	May 24	5.02	Sept. 20	3.83
Feb. 20	4.76	June 21	4.75	Oct. 22	4.60
Mar. 20	4.90	July 17	4.24	Nov. 19	4.63
Apr. 17	4.96	Aug. 22	3.90	Dec. 27	5.13

16. (C) Teichmann. NE SE NE sec. 12, T. 20 S., R. 13 W. Drilled unused water-table well in Grand Island Formation, diameter 6 inches, depth 32 feet. Measuring point, top northwest side of casing, 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: 1942-62.

Jan. 17	28.96	May 24	29.09	Sept. 20	29.24
Feb. 19	28.99	June 20	29.13	Oct. 25	29.31
Mar. 20	29.03	July 17	29.16	Nov. 19	29.34
Apr. 17	29.07	Aug. 22	29.18	Dec. 27	29.42

43. (C) M. Hagen. SW cor. sec. 20, T. 20 S., R. 11 W. Drilled unused water-table well in Grand Island Formation, diameter 6 inches, depth 44 feet. Measuring point, top west edge of casing, 0.50 foot above lsd. Measurement of 17.90 feet below lsd for Nov. 19, 1952, erroneously reported as 33.98. Highest water level 12.97 below lsd, Aug. 21, 1951; lowest 23.71 below lsd, Nov. 20, 1957. Records available: 1942-62.

Jan. 16	18.75	May 24	19.10	Sept. 20	19.71
Feb. 19	18.75	June 20	19.12	Oct. 25	19.68
Mar. 20	18.68	July 17	19.24	Nov. 19	19.64
Apr. 17	18.77	Aug. 22	19.43	Dec. 27	19.74

100. (C) Unruh. NW NE sec. 11, T. 20 S., R. 15 W. Drilled unused water-table well in Dakota Formation, diameter 5 inches, depth 76 feet. Measuring point, top east edge of casing, 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: 1944-62.

Jan. 17	32.58	May 24	32.69	Aug. 22	32.70
Feb. 19	32.57	June 20	32.70	Sept. 20	32.83
Mar. 20	32.50	July 17	32.56	Oct. 25	32.89
Apr. 17	32.76				

103. (C) F. Konarek. SE SE sec. 33, T. 17 S., R. 12 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 5 inches, depth 24 feet. Measuring point, top east edge of casing, 0.40 foot above lsd. Highest water level 0.25 below lsd, Aug. 29, 1950; lowest 8.28 below lsd, Feb. 18, 1957. Records available: 1944-62.

Jan. 17	2.97	May 24	4.92	Sept. 20	2.69
Feb. 19	2.92	June 20	5.02	Oct. 25	3.29
Mar. 20	2.93	July 17	3.29	Nov. 20	2.79
Apr. 17	3.50	Aug. 22	3.53	Dec. 28	2.99

110. (C) Prudential Life Insurance Co. NE NE sec. 33, T. 17 S., R. 14 W. Drilled unused water-table well in alluvium, diameter 6 inches, depth 47 feet. Measuring point, top southwest side of casing below pump base, 0.30 foot above lsd. Highest water level 8.69 below lsd, July 22, 1958; lowest 23.00 below lsd, Oct. 20, 1948. Records available: 1944-62.

Jan. 17	12.39	May 24	14.12	Sept. 20	13.31
Feb. 19	12.37	June 20	14.45	Oct. 25	13.09
Mar. 20	12.32	July 17	12.54	Nov. 20	13.84
Apr. 17	12.47	Aug. 22	13.46	Dec. 28	13.73

131. (C) F. W. Gagleman. SE SE sec. 22, T. 19 S.,

R. 15 W. Drilled unused water-table well in alluvium, diameter 5 inches, depth 24 feet. Measuring point, top north edge of casing, 0.30 foot above lsd. Measurement of 8.84 feet below lsd for Oct. 23, 1951, erroneously published as 7.84. Highest water level 8.05 below lsd, June 25, 1951 (erroneously reported previously as 7.84 below lsd, Oct. 23, 1951); lowest 17.48 below lsd, Feb. 19, 1957. Records available: 1944-62.

Jan. 17	15.01	May 24	15.29	Sept. 20	13.08
Feb. 19	14.89	June 20	15.53	Oct. 25	12.38
Mar. 20	14.80	July 17	14.17	Nov. 20	12.53
Apr. 17	14.81	Aug. 22	12.08	Dec. 28	12.75

18-15-28cc. (109a) (C) A.T.S.F. right-of-way. Drilled water-table observation well in alluvium, diameter 1¼ inches, depth 68 feet. Measuring point, top of pipe, 4.00 feet above lsd. Highest water level 4.86 below lsd, Nov. 20, 1961; lowest 10.64 below lsd, July 17, 1961. Records available: 1960-62.

Jan. 17	6.88	May 24	8.74	Sept. 20	8.42
Feb. 19	6.09	June 20	8.79	Oct. 25	8.86
Mar. 20	7.20	July 17	6.95	Nov. 20	9.06
Apr. 17	7.42	Aug. 22	7.80	Dec. 28	9.30

BOURBON COUNTY

25-23-27bbb. (C) Harold Comstock. Dug unused water-table well in Bandera Shale, diameter 5 feet, depth 11 feet. Measuring point, top north side of round hole in slab rock, 1.90 feet above lsd. Highest water level 1.53 below lsd, Sept. 28, 1951; lowest 7.04 below lsd, Apr. 11, 1957. Records available: 1948-52, 1956-57. No measurement made in 1962.

BROWN COUNTY

3-16-28bdd. (C) Powhattan Community. Drilled public-supply water-table well in glacial till, diameter 12 inches, depth 41 feet. Measuring point, top of 2 x 6 between pump and jack, 0.20 foot above lsd. Highest water level 8.67 below lsd, Mar. 14, 1962; lowest 22.27 below lsd, Feb. 1, 1961. Records available: 1960-62. Mar. 14, 8.67; July 27, 10.70; Sept. 18, 11.30.

3-17-31bbb. (C) Baker Community. Drilled public-supply water-table well in Pennsylvanian limestone, diameter 12 inches, depth 75 feet. Measuring point, top of concrete platform, 0.20 foot above lsd. Highest water level 53.63 below lsd, Sept. 18, 1962; lowest 58.42 below lsd, Feb. 1, 1961. Records available: 1960-62. Mar. 14, 54.83; July 27, 53.78; Sept. 18, 53.63.

4-16-15aad. (C) Mercier Community. Dug public-supply water-table well in glacial till, diameter 10 feet, depth 44 feet. Measuring point, top of concrete platform, east side of opening, 0.60 foot above lsd. Highest water level 1.98 below lsd, Mar. 14, 1962; lowest 20.14 below lsd, Feb. 1, 1961. Records available: 1960-62. Mar. 14, 1.98; July 27, 3.38; Sept. 18, 4.38.

4-18-29bda. (C) City of Everest. Dug public-supply water-table well in glacial till and Pennsylvanian limestone, diameter 8 feet, depth 60 feet. Measuring point, top of concrete rim around manhole, 4.50 feet below lsd. Highest water level 24.62 below lsd, Mar. 14, 1962; lowest 39.62 below lsd, Feb. 1, 1961. Records available: 1960-62. Mar. 14, 24.62; July 27, 27.27; Sept. 18, 30.14.

CHASE COUNTY

18-9-29cc. (C) Peak & Hatcher Co. Drilled domestic well in Bader Limestone and Easley Creek Shale, diameter

8 inches, depth 34 feet. Measuring point, top of casing, 0.30 foot above lsd. Highest water level 15.75 below lsd, Feb. 9, 1960; lowest 25.74 below lsd, Mar. 8, 1955. Records available: 1947-62. Sept. 12, 23.02.

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, 1.00 foot above lsd. Highest water level 3.19 below lsd, July 24, 1951; lowest 20.23 below lsd, Feb. 16, 1957. Records available: 1948-62. Sept. 12, 8.75.

20-6-31bd. (C) B. S. Thompson. Drilled unused water-table well in Wreford Limestone, diameter 6 inches, depth 43 feet. Measuring point, top of iron casing, 0.70 foot above lsd. Highest water level 14.20 below lsd, July 24, 1951; lowest 32.95 below lsd, Feb. 16, 1957. Records available: 1947-62. Sept. 12, 20.52.

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, 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: 1947-62. Sept. 12, 14.93.

CHEROKEE COUNTY

1. (C) W. L. Stiles. NE NW NE sec. 2, T. 34 S., R. 23 E. Dug domestic water-table well in Bluejacket Sandstone Member of the Krebs Formation (Cherokee Group), diameter 6 feet, depth 27 feet, cribbed with rock. Measuring point, top of opening in well curb, 0.80 foot above lsd. Highest water level 4.90 below lsd, June 5, 1957; lowest 19.07 below lsd, Nov. 30, 1956. Records available: 1942-45, 1948, 1950-58, 1960-62. Apr. 3, 10.10; Oct. 19, 13.65.

3. (C) Fleming Mine #3. SW sec. 19, T. 32 S., R. 24 E. Drilled unused artesian well in Roubidoux Dolomite, diameter 8 inches, depth 850 feet. Measuring point, crack in 4-inch coupling, 2.35 feet above lsd. Highest water level 196.53 below lsd, July 23, 1943; lowest 212.77 below lsd, July 6, 1961. Records available: 1943, 1950-58, 1960-62. Apr. 3, 212.22; Oct. 19, 211.73.

32-25-6dad. (C) John P. Matter. Dug well in Dry Wood and Rowe coal beds of the Krebs Formation (Cherokee Group), diameter 5 feet, depth 25 feet, cribbed with rock. Measuring point, top of concrete slab in wood box, 0.50 foot above lsd. Highest water level 5.05 below lsd, May 6, 1960; lowest 19.45 below lsd, Aug. 3, 1954. Records available: 1951-58, 1960-62. Apr. 3, 8.73; Oct. 19, 11.28.

34-24-36bd. (C) City of Baxter Springs. Drilled municipal artesian well in Roubidoux Dolomite, diameter 16 inches, depth 1,094 feet. Measuring point, top of casing, 1.80 feet above lsd. Highest water level 252.00 below lsd, Dec. 26, 1961; lowest 394.25 below lsd, July 11, 1956. Records available: 1956-58, 1960-62. Nov. 24, 261.64.

CHEYENNE COUNTY

1-38-2cd. (MB) Paul O'Brien. Drilled irrigation water-table well in alluvium, diameter 18 inches, depth 41 feet. Measuring point, top of hole in turbine base, 1.00 foot above lsd. Highest water level 21.37 below lsd, May 6, 1952; lowest 25.49 below lsd, Oct. 13, 1960. Records available: 1948-62. Jan. 16, 23.36; Apr. 11, 22.93; July 17, 22.60; Oct. 9, 22.41.

1-38-8dcc. (MB) H. O. Haines. Drilled irrigation water-table well in alluvium, diameter 18 inches, depth

34 feet. Measuring point, hole in inside of turbine base, 1.00 foot above lsd. Highest water level 11.24 below lsd, Feb. 25, 1947; lowest 15.15 below lsd, May 12, 1959. Records available: 1946-62. Jan. 3, 12.68.

2-39-19ccc. (MB) A. C. Keller. Drilled unused water-table well in alluvium, diameter 4 inches, depth 23 feet. Measuring point, edge of casing, at land surface. Highest water level 13.68 below lsd, May 26, 1955; lowest dry, Aug. 6, 1959, Nov. 7, 1960, Jan. 4, July 18, 1961, Jan. 3, 1962. Records available: 1948-50, 1952-62. Jan. 3, dry.

2-39-27bbb. (MB) G. W. Best. Drilled unused water-table well in alluvium, diameter 8 inches, depth 29 feet. Measuring point, top of board platform, 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: 1946-62. Jan. 3, 18.65.

3-39-32bd. (MB) Clarence Yonkey. Drilled irrigation water-table well in Ogallala Formation, diameter 16 inches, depth 224 feet. Measuring point, hole in pump head base, 0.80 foot above lsd. Highest water level 152.28 below lsd, Apr. 11, 1962; lowest 178.74 below lsd, July 15, 1960. Records available: 1960-62. Jan. 16, 154.80; Apr. 11, 152.28; Oct. 9, 154.58.

3-40-9baa. (MB) P. G. Walter. Bored stock water-table well in Ogallala Formation, diameter 5 inches. Measuring point, edge of casing, 0.20 foot above lsd. Highest water level 11.69 below lsd, Feb. 25, 1947; lowest 21.45 below lsd, Dec. 22, 1953. Records available: 1946-62. Jan. 3, 20.45.

3-40-22aba. (MB) T. Holleman and others. Drilled unused water-table well in alluvium, diameter 5 inches, depth 19 feet. Measuring point, top of cement slab, 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: 1946-62. Jan. 3, 16.84.

3-42-21bcc. (MB) Andrew Rueb. Drilled stock water-table well in Ogallala Formation, diameter 5 inches, depth 220 feet. Measuring point, hole in base of pump, 0.80 foot above lsd. Highest water level 201.45 below lsd, Dec. 23, 1953; lowest 203.01 below lsd, Aug. 6, 1959. Records available: 1953-62. Jan. 3, 202.72.

3-42-22dad. (MB) F. F. Blair. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth 162 feet. Measuring point, edge of 5-inch casing, 1.30 feet above lsd. Highest water level 137.85 below lsd, May 25, 1955; lowest 143.42 below lsd, Sept. 3, 1953. Records available: 1953-61. No measurement made in 1962.

3-42-26cad. (MB) 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, 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: 1953-61. No measurement made in 1962.

3-42-28dda. (MB) 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, 0.30 foot above lsd. Highest water level 139.55 below lsd, Jan. 3, 1962; lowest 152.45 below lsd, Nov. 7, 1960. Records available: 1953-62. Jan. 3, 139.55.

4-41-32ddb. (MB) Simon E. Matson. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth 121 feet. Measuring point, top of casing, at land surface. Highest water level 102.75 below lsd, Aug. 12, 1958; lowest dry, Nov. 7, 1960. Records available: 1946-47, 1949-62. Jan. 3, 105.46.

4-42-2ccc. (MB) Henry Lampe. Drilled unused

water-table well in Ogallala Formation, diameter 5 inches, depth 190 feet. Measuring point, edge of 5-inch casing, 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: 1953-62. Jan. 3, 177.90.

4-42-5aaa. (MB) 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, 1.20 feet above lsd. Highest water level 190.90 below lsd, Sept. 2, 1953; lowest 193.30 below lsd, July 19, 1960. Records available: 1953-61. No measurement made in 1962.

4-42-26cb. (MB) Pete O'Brien. Drilled irrigation water-table well in Ogallala Formation, diameter 24 inches, depth 56 feet. Measuring point, edge of steel casing, 0.50 foot above lsd. Highest water level 20.53 below lsd, Apr. 18, 1960; lowest dry, July 18, 1960. Records available: 1954-62. Jan. 3, 22.45.

5-38-13cbd. (C) E. E. Retzer. Drilled stock well in Ogallala Formation, diameter 5 inches, depth 91 feet. Measuring point, top west side of casing, 0.40 foot above lsd. Highest water level 55.54 below lsd, Oct. 16, 1958; lowest 57.08 below lsd, Nov. 27, 1956. Records available: 1954-62. Jan. 16, 57.03.

CLARK COUNTY

6. (C) District school. NE NE sec. 7, T. 35 S., R. 21 W. Drilled unused water-table well in alluvium, diameter 6 inches, depth 33 feet. Measuring point, top south side of casing, at land surface. Highest water level 25.83 below lsd, July 23, 1962; lowest 28.06 below lsd, July 23, 1958. Records available: 1940-43, 1950-62. Jan. 29, 26.43; Apr. 18, 26.46; July 23, 25.83; Oct. 23, 25.96.

10. (C) J. F. Folks Estate. SE SE 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 since July 12, 1962, top south side of casing, 2.83 feet above lsd. Highest water level 12.82 below lsd, Jan. 21, 1959; lowest 17.63 below lsd, Sept. 27, 1946. Records available: 1940-47, 1954-62. Jan. 29, 16.01; July 23, 15.82; Oct. 23, 15.68.

30-23-6aa. (C) Arnold Houff. Drilled domestic and stock water-table well in Ogallala Formation, diameter 6 inches, depth 160 feet. Measuring point since 1952, top of crack in pump, 1.40 feet above lsd. Highest water level 135.90 below lsd, Jan. 17, 1961; lowest 142.61 below lsd, Mar. 8, 1954. Measuring point previously published in error; measurements since 1952 should be corrected by subtracting 0.70 foot. Records available: 1939, 1952-62. Jan. 29, 139.64; July 23, 139.98; Oct. 23, 140.09.

33-22-30cbc. (C) Katherine Klinger. Drilled irrigation water-table well in deposits of Pleistocene age, diameter 18 inches, depth 168 feet. Measuring point, flap opening on west side of pump, 0.71 foot above lsd. Highest water level 12.59 below lsd, Oct. 23, 1962; lowest 29.85 below lsd, Apr. 18, 1962. Records available: 1961-62. 1961: Oct. 23, 15.38. 1962: Jan. 29, 12.92; Apr. 18, 29.85; Oct. 23, 12.59.

CLOUD COUNTY

5-3-19bb. (MB) U.S.G.S. Jetted observation water-table well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 39 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 15.40 below lsd, Aug. 1, 1951; lowest 22.43 below lsd, Mar. 20, 1957. Records available: 1950-62.

Feb. 13	19.80	June 7	19.80	Sept. 17	19.60
Apr. 3	19.80	July 26	18.60	Nov. 15	20.00

5-3-20dd. (MB) U.S.G.S. Jetted observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 15 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 5.36 below lsd, July 27, 1950; lowest 11.86 below lsd, Feb. 19, 1957. Records available: 1950-62.

Feb. 13	9.80	June 7	8.70	Sept. 17	9.80
Apr. 3	9.70	July 26	7.30	Nov. 15	10.20

5-3-24cb. (MB) U.S.G.S. Jetted observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 0.50 below lsd, July 26, 1962; lowest 7.29 below lsd, Jan. 12, 1956. Records available: 1950-62.

Feb. 13	1.90	June 7	1.10	Sept. 17	0.70
Apr. 3	1.80	July 26	.50	Nov. 15	.70

5-4-11dd. (MB) U.S.G.S. Jetted observation water-table well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 40 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 12.10 below lsd, Aug. 1, 1951; lowest 28.50 below lsd, Sept. 7, 1961. Records available: 1950-62.

Feb. 13	18.50	June 7	17.00	Sept. 17	18.20
Apr. 3	18.20	July 26	12.60	Nov. 15	19.30

8-4-19cb. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth (remeasured 1962) 30 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 16.62 below lsd, June 30, 1962; lowest 21.40 below lsd, Mar. 15, May 10, 1961. Records available: 1960-62.

Jan. 15	18.70	June 30	16.62	Oct. 17	17.86
Mar. 12	18.40	Aug. 30	17.62	Nov. 30	18.22
June 12	17.40	Sept. 14	18.00		

8-4-30cbc. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth (remeasured 1962) 30 feet. Measuring point since Mar. 1962, top of pipe, 2.40 feet above lsd. Highest water level 16.40 below lsd, June 26, 1961; lowest 25.15 below lsd, Mar. 15, 1961. Records available: 1960-62.

Jan. 15	21.35	June 30	19.12	Oct. 17	20.96
Mar. 12	21.09	Aug. 30	20.51	Nov. 30	21.55
June 12	19.70	Sept. 14	20.70		

8-4-31ddd. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth (remeasured 1962) 30 feet. Measuring point since Mar. 1962, top of pipe, 1.80 feet above lsd. Highest water level 12.94 below lsd, June 26, 1961; lowest 22.80 below lsd, Mar. 15, 1961. Records available: 1960-62.

Jan. 15	20.10	June 30	16.46	Oct. 17	20.09
Mar. 12	19.08	Aug. 30	19.14	Nov. 30	20.69
June 12	15.10	Sept. 14	19.60		

8-5-10cb. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 33 feet. Measuring point since Mar. 1962, top of pipe, 1.60 feet above lsd. Highest water level 14.32 below lsd, Sept. 18, 1961; lowest 24.03 below lsd, May 14, 1960. Records available: 1960-62.

Mar. 12	19.75	Aug. 30	18.56	Nov. 30	19.59
June 30	18.45	Oct. 17	19.32		

8-5-13add. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth (remeasured 1962) 30 feet. Measuring point since Mar. 1962, top of pipe, 1.50 feet above lsd. Highest water level 21.70 below lsd, May 14, 1960; lowest 27.78 below lsd, May 10, 1961. Records available: 1960-62.

Jan. 15	25.70	June 30	24.17	Oct. 17	24.38
Mar. 12	25.48	Aug. 30	24.14	Nov. 30	24.81
June 12	24.60	Sept. 14	24.40		

8-5-22bda. (MB) U.S.B.R. Bored observation water-table well in alluvium, diameter 1¼ inches, depth (remeasured 1962) 29 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 13.72 below lsd, Sept. 18, 1961; lowest 20.38 below lsd, Nov. 28, 1960. Records available: 1960-62.

Jan. 15	17.10	June 30	14.26	Oct. 17	16.92
Mar. 12	16.78	Aug. 30	16.60	Nov. 30	17.14
June 12	14.60	Sept. 14	16.80		

8-5-25aa. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 1.70 feet above lsd. Highest water level 16.85 below lsd, Sept. 18, 1961; lowest 23.22 below lsd, May 10, 1961. Records available: 1960-62.

Jan. 15	20.20	June 30	18.60	Oct. 17	19.83
Mar. 12	20.10	Aug. 30	19.38	Nov. 30	20.30
June 12	18.90	Sept. 14	19.50		

8-5-27ab. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth (remeasured 1962) 40 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 16.74 below lsd, June 30, 1962; lowest 22.57 below lsd, May 14, 1960. Records available: 1960-62.

Jan. 15	19.00	June 30	16.74	Oct. 17	16.84
Mar. 12	18.50	Aug. 30	16.86	Nov. 30	16.85
June 12	17.30	Sept. 14	17.00		

COMANCHE COUNTY

1. (C) A. A. Carpenter. NE NW sec. 8, T. 33 S., R. 20 W. Drilled unused water-table well in deposits of Permian age, diameter 6 inches, depth 39 feet. Measuring point, top of concrete pump base, 1.00 foot above lsd. Measurement of 35.29 for Dec. 19, 1951, erroneously published previously as 36.09. Highest water level 35.29 below lsd, Dec. 19, 1951 (highest erroneously reported previously as 35.30 below lsd, Sept. 19, 1951); lowest 40.52 below lsd, June 20, 1941. Records avail-

able: 1940-62. Jan. 29, 37.21; Apr. 18, 37.42; July 23, 36.36; Oct. 23, 36.48.

3. (C) E. Deewall. SW NE sec. 19, T. 31 S., R. 18 W. Drilled stock well in Ogallala Formation, diameter 6 inches, depth 97 feet. Measuring point, top north side of casing below pump base, 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, 1955-62. Jan. 29, 75.27; Apr. 18, 75.21; July 23, 75.24; Oct. 23, 75.63.

CRAWFORD COUNTY

28-22-20cc. (C) City of Walnut. Drilled artesian municipal well in Cotter Dolomite, diameter 7 inches, depth 1,015 feet. Measuring point, top of casing, 8.00 feet above lsd. Highest water level 188.00 below lsd, Feb. 5, 1957; lowest 206.00 below lsd, Nov. 5, 30, 1956. Records available: 1956-58. No measurement made in 1962.

29-25-5cd. (C) City of Arma. Drilled artesian municipal well in Roubidoux Dolomite, diameter 13¾ inches, depth 1,175 feet. Measuring point, top of casing, at land surface. Highest water level 310.13 below lsd, Aug. 31, 1956; lowest 316.24 below lsd, Dec. 28, 1960. Records available: 1956-58, 1960. No measurement made in 1962.

30-23-24dc. (C) Al Williams. Drilled artesian domestic well in Mississippian limestone, diameter 6 inches, depth 707 feet. Measuring point, top of gas vent, 1.50 feet above lsd. Highest water level 218.00 below lsd, Dec. 1951; lowest 253.50 below lsd, Dec. 27, 1960. Records available: 1951, 1957-58, 1960-61. Measurement discontinued.

DECATUR COUNTY

1-26-18dd. (C) Wyatt Wiggins. Drilled stock well in alluvium, diameter 5 inches, depth 59 feet. Measuring point, hole in southeast part of casing cap, 0.50 foot above lsd. Highest water level 26.02 below lsd, July 13, 1960; lowest 30.73 below lsd, Oct. 13, 1959. Records available: 1959-62. Jan. 15, 29.30; Oct. 10, 29.02.

1-29-19bdd. (C) Byron McCartney. Drilled irrigation well in alluvium, diameter 18 inches, depth 52 feet. Measuring point, hole in north side of pump head base, 0.70 foot above lsd. Highest water level 10.07 below lsd, July 13, 1960; lowest 27.70 below lsd, July 15, 1959. Records available: 1959-62. Jan. 15, 12.52; Apr. 9, 11.74; July 16, 10.65; Oct. 10, 12.04.

2-29-24bc. (C) Owner unknown. Drilled unused well in Ogallala Formation, diameter 5 inches, depth 126 feet. Measuring point, top east side of casing, 0.50 foot above lsd. Highest water level 96.92 below lsd, Oct. 10, 1962; lowest 100.37 below lsd, Nov. 22, 1954. Records available: 1954-62. Jan. 15, 97.81; Apr. 9, 97.94; July 16, 97.43; Oct. 10, 96.92.

3-26-5cc. (C) John Hicks. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth 147 feet. Measuring point, top of casing, 1.10 feet above lsd. Highest water level 136.66 below lsd, July 25, 1961; lowest 143.10 below lsd, Feb. 8, 1954. Records available: 1952-61. Measurement discontinued.

3-29-12bb. (C) Warren White. Drilled irrigation well in alluvium, diameter 18 inches, depth 62 feet. Measuring point, top of casing under hole in southwest corner of pump head base, 0.50 foot above lsd. Highest water level 20.92 below lsd, July 13, 1960; lowest 28.04 below lsd, Oct. 17, 1961. Records available: 1959-62. Jan. 15, 26.67; Apr. 10, 26.49; July 16, 25.61; Oct. 10, 25.55.

4-26-8ddd. (C) Reo Harris. Drilled irrigation well

in Ogallala Formation, diameter 16 inches, depth 76 feet. Measuring point, hole in southwest corner of pump head base, 1.25 feet above lsd. Highest water level 28.18 below lsd, Apr. 13, 1960; lowest 31.16 below lsd, Oct. 13, 1959. Records available: 1959-62. Jan. 15, 29.07; July 16, 28.65; Oct. 10, 29.15.

4-29-16cd. (C) E. R. Anderson. Drilled abandoned irrigation water-table well in Ogallala Formation, diameter 5 inches, depth 180 feet. Measuring point, north side top of casing, 1.00 foot above lsd. Highest water level 129.59 below lsd, Oct. 17, 1961, Jan. 15, July 16, 1962; lowest 135.63 below lsd, Apr. 13, 1960. Records available: 1960-62. Jan. 15, 129.59; Apr. 10, 129.67; July 16, 129.59; Oct. 10, 129.60.

DOUGLAS COUNTY

12-20-17ccb. (C) Frank D. Walters. Drilled unused water-table well in terrace deposits of Pleistocene age, diameter 10 inches, depth 53 feet. Measuring point, east side of hole in top of box, 3.00 feet above lsd. Highest water level 14.39 below lsd, Feb. 5, 1962; lowest 26.33 below lsd, Mar. 30, 1957. Records available: 1952-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	15.77	15.89	15.91	.....	.....	15.40
Feb.	14.39	14.50	14.62	14.79	14.88	.....
Mar.	15.22	15.21	15.37	15.33	15.12	15.20
Apr.	15.31	15.47	15.58	15.64	15.87	.....
May	.....	.....	16.55	16.71	16.85	16.76
June	16.69	16.65	16.73	.....	.....	.....
July	17.25	17.38	17.52	17.65	17.07	17.14
Aug.	17.71	17.18	17.47	17.64	17.65	17.12
Sept.	17.13	.....	.....	.....	.....	17.07
Oct.	17.00	17.68	16.83	16.99	17.21	17.34
Nov.	17.50	17.65	17.72	17.79	18.01	18.05
Dec.	18.12	18.23	18.28	18.42	18.48	18.57

12-20-29bba. (C) V. C. Fishel. Bored observation well in terrace deposits of Pleistocene age, diameter 1½ inches, depth 29 feet. Measuring point, inside edge at top of pipe, 0.60 foot above lsd. Highest water level 14.40 below lsd, May 23, 1961; lowest 20.84 below lsd, May 27, 1957. Records available: 1957-59, 1961. No measurement made in 1962.

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, 3.10 feet below lsd. Highest water level 23.48 below lsd, May 20, 1952; lowest 41.99 below lsd, Jan. 5, 1957. Records available: 1952-60, 1962. Nov. 5, 32.29.

15-20-11cda. (C) U.S.G.S. and K.G.S. Drilled observation water-table well in Ireland Sandstone Member of Lawrence Shale, diameter 1½ inches, depth 182 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 42.31 below lsd, Mar. 29, 1962; lowest 50.54 below lsd, Jan. 30, 1958. Records available: 1956-62. Mar. 29, 42.31; Nov. 5, 44.41.

15-21-4bcc. (C) U.S.G.S. and K.G.S. Drilled observation water-table well in Ireland Sandstone Member of Lawrence Shale, diameter 5½ inches, depth 144 feet. Measuring point, top of well seal, 2.00 feet above lsd. Highest water level 13.68 below lsd, Mar. 29, 1962; lowest 29.04 below lsd, Feb. 26, 1957. Records available: 1956-62. Mar. 29, 13.68; Nov. 5, 20.54.

EDWARDS COUNTY

10. (C) E. F. Lippoldt. SW SW sec. 22, T. 23 S., R. 19 W. Dug unused water-table well in Dakota Formation, diameter 4½ feet, depth 68 feet, cribbed with rock. Measuring point, top of hole in concrete cover, 0.60 foot above lsd. Highest water level 61.86 below lsd, June 21, 1960; lowest 68.20 below lsd, Mar. 13, 1946. Records available: 1944-62.

Jan. 17	65.77	May 25	62.56	Aug. 22	62.69
Feb. 19	62.87	June 20	62.63	Sept. 20	62.46
Apr. 19	62.98	July 23	62.56		

24-19-34ad. (1A) (C) U.S.G.S. Bored water-table well in alluvium, diameter 1¼ inches, depth 30 feet. Measuring point, top of pipe, 2.43 feet above lsd. Highest water level 7.18 below lsd, Oct. 24, 1962; lowest 8.23 below lsd, Oct. 24, 1961. Records available: 1961-62.

Jan. 30	7.64	May 25	7.77	Sept. 20	7.33
Feb. 19	7.61	June 20	7.51	Oct. 24	7.18
Mar. 20	7.57	July 23	7.50	Nov. 20	7.72
Apr. 19	7.60	Aug. 20	7.35	Dec. 20	7.82

25-16-31da1. (C) E. B. Mayhew. Drilled unused well in Ogallala Formation, diameter 1½ inches, depth 42 feet. Measuring point, top south side of pipe, 0.80 foot above lsd. Measurement of 21.54 feet below lsd for Apr. 9, 1957, erroneously published previously as 21.61. Highest water level 15.50 below lsd, Aug. 20, 1958; lowest 21.61 below lsd, Mar. 20, 1957. Records available: 1957-62.

Jan. 30	18.41	May 25	18.61	Sept. 20	16.71
Feb. 19	18.46	June 20	18.20	Oct. 24	16.48
Mar. 20	18.39	July 20	17.38	Nov. 20	16.49
Apr. 19	18.46	Aug. 20	16.42	Dec. 26	16.63

ELLIS COUNTY

215. (C) A. H. Romine. NE NW sec. 7, T. 11 S., R. 16 W. Dug stock water-table well in deposits of Pleistocene age, diameter 24 inches, depth 22 feet, cribbed with rock. Measuring point, top edge of platform, west side of pump base, 3.50 feet above lsd. Highest water level 9.07 below lsd, June 29, 1962; lowest 20.80 below lsd, Apr. 17, 1956. Records available: 1941-62. Mar. 14, 9.50; June 29, 9.07; Dec. 3, 10.40.

218. (C) W. W. Bemis. NE NE sec. 16, T. 12 S., R. 17 W. Dug unused water-table well in Codell Sandstone Member of Carlile Shale, diameter 24 inches, depth 81 feet, cribbed with rock. Measuring point, top north side of hole in 2 x 8 cover, 0.50 foot above lsd. Highest water level 11.76 below lsd, July 23, 1951; lowest 58.71 below lsd, Mar. 30, 1957. Records available: 1941-62. Mar. 14, 19.29; June 29, 17.30; Dec. 3, 29.19.

14-16-17cb. (MB) 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, 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: 1946-62. Mar. 14, 17.77; June 29, 18.02; Oct. 2, 17.70; Dec. 3, 17.82.

14-16-36bc. (MB) Tony Wagner. Dug stock water-table well in alluvium, diameter 4 feet, depth (remeasured 1962) 20 feet, cribbed with stone. Measuring point,

top south edge of board platform, 1.50 feet above lsd. Highest water level 14.50 below lsd, Oct. 26, 1951; lowest 21.74 below lsd, May 10, 1947. Records available: 1946-52, 1955-62. Mar. 14, 17.85; June 29, 17.60; Oct. 2, 17.70; Dec. 3, 17.68.

14-20-32dd. (MB) U.S.G.S. Jetted observation water-table well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth (remeasured 1962) 25 feet. Measuring point since Mar. 1962, top of pipe, 0.70 foot above lsd. Highest water level 20.13 below lsd, July 26, 1951; lowest 23.41 below lsd, Oct. 15, 1956. Records available: 1950-62. Mar. 14, 22.55; June 29, 21.93; Oct. 2, 21.67; Dec. 3, 21.96.

15-18-1bb. (MB) Mat Rohr. Dug stock and observation water-table well in deposits of Pleistocene age, diameter 24 inches, depth (remeasured 1962) 23 feet, cribbed with stone. Measuring point, top south edge of pump base, 0.50 foot above lsd. Highest water level 12.80 below lsd, June 13, 1960; lowest 28.22 below lsd, July 24, 1946. Records available: 1946-62. Mar. 14, 13.75; June 29, 13.03; Oct. 2, 13.26.

15-18-16bb. (MB) T. W. Wolf. Dug domestic and stock water-table well in alluvium, diameter 40 inches, depth (remeasured 1962) 13 feet, cribbed with stone. Measuring point since Mar. 1962, top east edge of curb, 2.45 feet above lsd. Highest water level 1.17 below lsd, May 15, 1951; lowest 10.28 below lsd, Oct. 15, 1956. Records available: 1946-62. Mar. 14, 2.85; June 29, 3.71; Oct. 2, 5.15; Dec. 3, 5.83.

15-18-27cb. (MB) U.S.G.S. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth (remeasured 1962) 42 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 6.44 below lsd, July 11, 1957; lowest 12.90 below lsd, Oct. 15, 1956. Records available: 1949-62. Mar. 14, 9.30; June 29, 9.58; Oct. 2, 10.15; Dec. 3, 10.32.

15-19-6aa. (MB) Aug. Leiker. Drilled observation water-table well in gravel and terrace deposits of Pleistocene age, diameter 6 inches, depth (remeasured 1962) 59 feet. Measuring point, top of concrete platform, 4.00 feet below lsd. Highest water level 50.86 below lsd, Sept. 10, 1952; lowest 57.26 below lsd, Aug. 6, 1958. Records available: 1946-52, 1954-62. Mar. 14, 54.70; June 29, 55.00; Dec. 3, 54.46.

15-19-9cc. (MB) U.S.G.S. Drilled observation water-table well in gravel and terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 54 feet. Measuring point since Mar. 1962, top of pipe, 2.50 feet above lsd. Highest water level 33.01 below lsd, Oct. 24, 1949; lowest dry, June 4, 1951. Records available: 1949-62. Mar. 14, 33.90; June 29, 34.96; Oct. 2, 34.76; Dec. 3, 34.83.

15-19-15dd. (MB) U.S.G.S. Drilled observation water-table well in gravel and terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth (remeasured 1962) 49 feet. Measuring point since Mar. 1962, top of pipe, 2.90 feet above lsd. Highest water level 23.37 below lsd, Oct. 2, 1962; lowest 26.28 below lsd, July 11, 1957. Records available: 1949-62. Mar. 14, 23.58; June 29, 23.39; Oct. 2, 23.37; Dec. 3, 23.56.

15-20-1bb. (MB) U.S.G.S. Jetted observation water-table well in sand and terrace deposits of Pleistocene age, diameter 3/4 inch, depth (remeasured 1962) 24 feet. Measuring point since Mar. 1962, top of pipe, 1.70 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, 1955-62. Mar. 14, 21.68; June 29, 21.77; Oct. 2, 21.05; Dec. 3, 21.10.

15-20-12aa. (MB) U.S.G.S. Drilled observation water-table well in gravel and terrace deposits of Pleisto-

cene age, diameter 1 1/4 inches, depth (remeasured 1962) 56 feet. Measuring point since Mar. 1962, top of pipe, 1.20 feet above lsd. Highest water level 37.00 below lsd, Feb. 28, 1952; lowest 39.31 below lsd, Mar. 16, 1950. Records available: 1949-62. Mar. 14, 38.85; June 29, 38.90. Well destroyed.

ELLSWORTH COUNTY

16-6-35bdd. (MB) U.S.G.S. Jetted observation water-table well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 26 feet. Measuring point, top of pipe, 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: 1950-62.

Mar. 15	19.50	July 9	20.16	Sept. 25	19.77
May 1	19.60	Aug. 17	19.42	Nov. 27	20.42
	31 18.22				

FINNEY COUNTY

1. (C) Mrs. A. M. Reid. NE NE sec. 9, T. 24 S., R. 33 W. Drilled observation water-table well in alluvium, diameter 15 inches, depth 21 feet. Measuring point, top of casing, 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: 1936-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	15.48	15.45	15.37	15.30	15.24	15.20
Feb.	15.12	15.04	14.99	14.93	14.89	.....
Mar.	14.83	14.78	14.75	14.71	14.72	14.70
Apr.	14.67	14.66	14.65	14.67	13.46	13.22
May	14.21	14.62	13.99	14.52	14.85	14.66
June	14.50	15.02	15.41	15.39	15.30	15.29
July	14.49	14.60	13.80	14.39	14.03	14.56
Aug.	14.90	15.29	15.68	14.93	13.95	14.55
Sept.	15.21	15.78	16.11	16.32	16.41	16.46
Oct.	16.03	14.06	15.21	15.86	16.22	16.39
Nov.	16.43	16.47	16.55	16.60	16.58	16.55
Dec.	16.50	16.44	16.39	16.34	16.32	16.28

5. (C) E. Alberta Reeves. SE NW NW 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 in east side of pump base, 0.40 foot above lsd. Highest water level 15.30 below lsd, Aug. 14, 1951; lowest 26.19 below lsd, July 3, 1962. Records available: 1939-62.

Feb. 5	25.40	July 3	26.19	Oct. 3	25.73
Mar. 5	25.78	Aug. 21	26.04	Nov. 5	25.87
May 2	25.80	Sept. 4	26.18	Dec. 11	26.16
June 5	26.17				

6. (C) T. A. Meakel. NW SW SW sec. 36, T. 21 S., R. 29 W. Drilled unused water-table well in alluvium, diameter 8 inches, depth (remeasured 1962) 21 feet. Measuring point, top east side of casing, 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: 1939-62. Jan. 12, 17.03; Feb. 5, 16.80; Mar. 5, 16.95; Apr. 4, 17.00.

8. (C) O. G. Reeve. SW NE SE sec. 13, T. 25 S., R. 33 W. Drilled unused water-table well in deposits of Pleistocene age, diameter 6 inches, depth (remeasured 1962) 76 feet. Measuring point, top south side of casing, 1.50 feet above lsd. Measurement of 70.09 feet below

lsd for Aug. 29, 1956, erroneously omitted from previously published records. Highest water level 70.09 below lsd, Aug. 29, 1956; lowest 75.56 below lsd, Nov. 20, 1962. Records available: 1939-62. Feb. 6, 74.38; May 1, 74.74; Aug. 15, 75.40; Nov. 20, 75.56.

13. (C) Edwin Wehrley. NE SE SW sec. 13, T. 25 S., R. 31 W. Dug unused water-table well in alluvium, diameter 24 inches, depth 9 feet. Measuring point, top east side of casing, 1.00 foot above lsd. Highest water level 0.76 above lsd, May 5, 1942; lowest 5.30 below lsd, Sept. 17, 1956. Records available: 1939-62.

Jan. 13	3.52	May 4	3.74	Sept. 21	3.93
Feb. 19	3.44	June 4	3.97	Oct. 22	4.42
Mar. 23	3.44	July 11	3.63	Nov. 19	4.35
Apr. 23	3.55	Aug. 8	4.07	Dec. 12	4.30

26. (C) Garden City Experiment Station. SW NE SE sec. 3, T. 24 S., R. 32 W. Drilled unused water-table well in deposits of Pleistocene age, diameter 26 inches, depth (remeasured 1962) 185 feet. Measurement of 67.59 feet below lsd for Oct. 21, 1949, erroneously published previously as 61.59. Highest water level 64.27 below lsd, Apr. 23, 1952 (highest water level erroneously reported previously as 61.59 below lsd, Oct. 21, 1949); lowest 82.70 below lsd, Aug. 21, 1962. Records available: 1934, 1939-62.

Jan. 12	75.08	May 2	80.62	Sept. 12	80.55
Feb. 5	75.17	June 22	79.29	Oct. 22	79.07
Mar. 13	76.85	July 13	80.11	Nov. 20	77.77
Apr. 23	77.72	Aug. 21	82.70	Dec. 12	76.79

1002. (C) U.S. Army. SW 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 west side of casing, 0.80 foot above lsd. Highest water level 110.26 below lsd, Nov. 9, 1953; lowest 127.98 below lsd, Aug. 12, 1957 (highest erroneously reported previously as 124.59 below lsd, Nov. 20, 1956). Records available: 1942-62.

Jan. 13	115.14	May 4	117.07	Sept. 21	117.09
Feb. 19	114.81	June 4	115.40	Oct. 22	117.30
Mar. 23	122.96	July 19	120.29	Nov. 20	120.24
Apr. 23	115.46	Aug. 8	121.71	Dec. 12	115.92

21-30-5bb. (C) F. T. Carl. Drilled domestic and stock water-table well in Ogallala Formation, diameter 6 inches, depth 44 feet. Measuring point, top east side of casing, 0.10 foot above lsd. Highest water level 25.20 below lsd, Apr. 29, 1960; lowest 29.07 below lsd, July 18, 1957. Records available: 1951-62. Jan. 12, 26.69; Apr. 4, 27.03; July 13, 27.02; Nov. 7, 26.33.

22-34-26ad. (C) Owner unknown. Drilled unused domestic and stock well in Ogallala Formation, diameter 5 inches, depth 163 feet. Measuring point, top edge of 3 x 3-inch wood clamp, 0.90 foot above lsd. Measurement of 49.43 feet below lsd for Mar. 31, 1959, erroneously published previously for Mar. 13, 1959. Highest water level 49.43 below lsd, Mar. 31, 1959; lowest 69.72 below lsd, Sept. 5, 1962. Records available: 1957-62. Mar. 13, 57.13; June 6, 64.77; Sept. 5, 69.72.

23-27-12cc. (Records for 1939-42 published as Finney well #20) (C) C. R. Rixon. Drilled unused well in Ogallala Formation, diameter 6 inches, depth 72 feet. Measuring point, at lower north edge of pump base, 0.50 foot above lsd. Highest water level 61.98 below

lsd, Nov. 10, 1961; lowest 68.49 below lsd, Oct. 2, 1941 (lowest erroneously published previously as 68.33 below lsd, Sept. 27, 1939). Records available: 1939-42, 1952-62.

Feb. 5	62.96	Aug. 21	62.94	Nov. 7	62.52
May 2	63.04	Oct. 3	62.58		

23-33-28dc. (C) Wendeline Richmeier. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 310 feet. Measuring point, top of hole in base of pump, at land surface. Highest water level 42.70 below lsd, Oct. 25, 1940; lowest 66.60 below lsd, Sept. 13, 1961. Records available: 1940, 1959-62. 1940: Oct. 25, 42.70. 1962: Mar. 13, 52.72; June 6, 57.16; Sept. 21, 66.02; Dec. 21, 60.53.

25-32-31dd. (C) Harry Lightner. Drilled artesian irrigation well in Ogallala Formation, diameter 16 inches, depth 140 feet. Measuring point, lower east edge of sloping pipe, 1.12 feet above lsd. Highest water level 63.35 below lsd, Jan. 19, 1959; lowest 67.83 below lsd, Sept. 27, 1960. Records available: 1958-62. Jan. 17, 64.65; Jan. 30, 64.61; Sept. 13, 67.56.

26-31-1dd. (C) Mearl Hutton. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 169 feet. Measuring point, west outside edge of sloping pipe, 1.00 foot above lsd. Highest water level 71.57 below lsd, Jan. 30, 1962; lowest 73.20 below lsd, Sept. 13, 1962. Records available: 1959-62. 1961: Jan. 4, 72.22; Feb. 2, 72.11; Sept. 18, 72.64. 1962: Jan. 15, 72.51; Jan. 30, 71.57; Sept. 13, 73.20.

26-32-31cc. (C) Cecil Snodgrass. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 445 feet. Measuring point, top hole in northeast side of steel pump base, 1.30 feet above lsd. Highest water level 109.17 below lsd, Jan. 19, 1959; lowest 112.62 below lsd, Aug. 4, 1959. Records available: 1958-59, 1961-62. Jan. 30, 109.85; Feb. 6, 109.55; May 1, 109.62.

26-33-17ac. (C) William F. Stone. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 200 feet. Measuring point, hole in east side of pump base, 1.50 feet above lsd. Highest water level 60.78 below lsd, Jan. 8, 1960; lowest 61.92 below lsd, Jan. 12, 1962. Records available: 1960-62. Jan. 12, 61.92; Jan. 17, 61.14; Jan. 30, 61.13; Sept. 14, 61.83.

FORD COUNTY

8. (C) F. H. Diehl. NW NW sec. 34, T. 26 S., R. 25 W. Drilled irrigation water-table well in alluvium, diameter 20 inches, depth 20 feet. Measuring point, top of casing, 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: 1938-62.

Jan. 30	6.46	May 25	6.62	Oct. 24	6.54
Feb. 19	6.38	June 20	6.31	Nov. 20	7.03
Mar. 20	6.19	Sept. 20	6.94	Dec. 26	6.87
Apr. 19	6.18				

96a. (C) Henry Hattrup. SE NE sec. 23, T. 26 S., R. 21 W. Driven unused well in alluvium, diameter 1½ inches, depth 12 feet. Measuring point, 0.60 foot above lsd. Highest water level 6.49 below lsd, Apr. 19, 1960; lowest 10.07 below lsd, Jan. 21, 1957. Records available: 1956-62. Jan. 30, 7.99; Apr. 19, 7.89; July 23, 7.71; Oct. 24, 7.06.

1002. (C) U.S. Army. Cen. SE sec. 12, T. 26 S., R. 26 W. Drilled industrial water-table well in Ogallala Formation, diameter 16 inches, depth 261 feet. Measuring point, top north side of casing, 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: 1942-62.

Jan. 30	104.17	May 25	104.95	Sept. 20	105.09
Feb. 19	108.50	June 20	103.93	Oct. 24	104.68
Mar. 20	104.09	July 23	103.58	Nov. 20	104.75
Apr. 19	104.23	Aug. 22	104.49	Dec. 26	104.19

25-22-20aa. (C) Mary Arends. Drilled cemetery well in Ogallala Formation, diameter 5½ inches, depth 72 feet. Measuring point since Oct. 1961, hole in pump base under pump handle, 0.20 foot above lsd. Highest water level 63.44 below lsd, Apr. 17, 1961; lowest 67.75 below lsd, Oct. 18, 1953. Records available: 1939, 1951-62. Jan. 30, 64.59; Apr. 19, 64.57; July 23, 64.53; Oct. 24, 64.15.

29-21-5bb. (C) E. R. and Maynard L. Estes. Drilled irrigation well in Ogallala Formation, diameter 16 inches, depth 131 feet. Measuring point, flap in north side of pump base, 0.50 foot above lsd. Highest water level 79.50 below lsd, May 1956; lowest 97.07 below lsd, Oct. 23, 1961. Records available: 1956, 1959-62. Jan. 29, 95.53; Apr. 18, 95.36; July 23, 95.74; Oct. 23, 95.85.

GOVE COUNTY

11-27-16aa. (C) M. E. Neher. Drilled unused well in Ogallala Formation, diameter 5 inches, depth 108 feet. Measuring point, base of pump, at land surface. Highest water level 93.36 below lsd, Oct. 8, 1962; lowest 95.40 below lsd, Aug. 27, 1956. Records available: 1952-62. Jan. 17, 93.67; Apr. 12, 93.59; July 18, 93.50; Oct. 8, 93.36.

11-29-9ab. (C) Leo Boxberger. Drilled stock well in Ogallala Formation, diameter 5 inches, depth 131 feet. Measuring point, hole in west side of pump base, 1.00 foot above lsd. Highest water level 123.79 below lsd, July 18, 1962; lowest 126.43 below lsd, July 13, 1961. Records available: 1959-62. Apr. 12, 123.83; July 18, 123.79; Oct. 8, 123.91.

11-31-10aa. (C) Thos. P. Johnstone. Drilled unused well in Ogallala Formation, diameter 5 inches, depth 99 feet. Measuring point, top of casing, 0.80 foot above lsd. Highest water level 88.69 below lsd, Aug. 11, 1952; lowest 91.52 below lsd, May 13, 1957. Records available: 1952-62. Jan. 17, 90.29; Apr. 12, 90.39; July 18, 90.46; Oct. 8, 90.46.

13-30-33bb. (C) Richard Benson. Dug domestic and stock well in Niobrara Chalk, diameter 60 inches, depth 58 feet. Measuring point, bottom of south side of pump base, 0.50 foot above lsd. Highest water level 20.38 below lsd, Apr. 13, 1959; lowest 27.57 below lsd, July 18, 1962. Records available: 1959-62. Jan. 17, 25.88; Apr. 12, 25.48; July 18, 27.57; Oct. 8, 27.11.

14-28-29cc. (C) Public school. Drilled unused well in terrace deposits of Pleistocene age, diameter 5 inches, depth 44 feet. Measuring point, top north side of casing, 0.30 foot above lsd. Highest water level 29.62 below lsd, Oct. 15, 1958; lowest 36.49 below lsd, Nov. 26, 1956. Records available: 1956-61. Measurement discontinued.

15-29-30cb. (C) Henry York. Drilled domestic well in deposits of Pleistocene age and Niobrara Chalk, diameter 5 inches, depth 26 feet. Measuring point, top west side of casing, 1.80 feet above lsd. Highest water

level 19.48 below lsd, Apr. 11, 1960; lowest 22.20 below lsd, Jan. 11, 1960. Records available: 1956-61. Measurement discontinued.

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6-23-12ccb. (C) H. Hauser. Drilled stock well in Ogallala Formation, diameter 5 inches, depth 69 feet. Measuring point, top of casing, 1.30 feet above lsd. Highest water level 60.60 below lsd, Oct. 17, 1961; lowest 63.97 below lsd, Feb. 12, 1957. Records available: 1952-62. Jan. 15, 61.08; Apr. 9, 61.25; July 16, 61.47; Oct. 10, 60.95.

6-25-28cb. (C) Henry Klein. Drilled irrigation water-table well in Ogallala Formation, diameter 12 inches, depth 180 feet. Measuring point, lower lip of pipe in pump base, 0.75 foot above lsd. Highest water level 96.38 below lsd, Sept. 4, 1962; lowest 97.78 below lsd, Oct. 10, 1962. Records available: 1962. Sept. 4, 96.38; Oct. 10, 97.78.

7-23-35ddd. (C) Chas. Stuchlik. Drilled unused well in Dakota and Ogallala Formations, diameter 8 inches, depth 700-800 feet. Measuring point, top of casing, 0.50 foot above lsd. Highest water level 31.72 below lsd, Oct. 10, 1962; lowest 46.12 below lsd, Nov. 26, 1956. Records available: 1952-62. Jan. 15, 35.69; Apr. 9, 35.04; July 16, 33.66; Oct. 10, 31.72.

7-23-36ccd. (C) Hill City Cemetery. Dug unused well in Ogallala Formation, diameter 42 inches, depth 54 feet. Measuring point, base of pump, 0.70 foot above lsd. Highest water level 23.13 below lsd, July 16, 1962; lowest 48.18 below lsd, May 16, 1956. Records available: 1952-62. Jan. 15, 29.00; Apr. 9, 28.82; July 16, 23.13; Oct. 10, 25.18.

8-22-3dcd. (C) F. O. Dunwoody. Drilled unused stock well in terrace deposits of Pleistocene age, diameter 8 inches, depth 23 feet. Measuring point, top west side of casing, 3.00 feet above lsd. Highest water level 11.19 below lsd, July 16, 1962; lowest 17.74 below lsd, Nov. 26, 1956. Records available: 1952-62. Jan. 15, 13.79; Apr. 9, 12.93; July 16, 11.19; Oct. 9, 11.89.

10-23-14bcc. (C) J. Diebolt. Drilled unused well in Ogallala Formation, diameter 4 inches, depth 44 feet. Measuring point, hole in west side of pump base, 0.15 foot above lsd. Highest water level 25.21 below lsd, Apr. 13, 1962; lowest 32.90 below lsd, Aug. 27, 1956. Records available: 1952-62. Jan. 17, 25.59; Apr. 13, 25.21; July 18, 25.41; Oct. 9, 26.05.

GRANT COUNTY

4. (C) Flossie J. Andes. SE SE sec. 9, T. 27 S., R. 38 W. Drilled stock well in deposits of Pleistocene age and Ogallala Formation, diameter 8 inches, depth 101 feet. Measuring point, top of concrete, 0.70 foot above lsd. Highest water level 83.94 below lsd, Dec. 8, 1952; lowest dry, Sept. through Dec. 1958, Mar. 13, Apr. 3, Nov. 13, 1959, May 11, Aug. 23, 1960. Records available: 1941-54, 1956-60. Measurement discontinued.

5. (C) C. L. Jury. NE SE sec. 4, T. 27 S., R. 37 W. Drilled unused water-table well in deposits of Pleistocene age and Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 139 feet. Measuring point, top of casing, 0.40 foot above lsd. Highest water level 65.53 below lsd, May 9, Nov. 28, 1951; lowest 86.80 below lsd, Aug. 13, 1962. Records available: 1941-62. Feb. 7, 79.45; May 14, 85.51; Aug. 13, 86.80; Nov. 14, 83.96.

400. (C) State of Kansas. SE NE sec. 6, T. 28 S., R. 38 W. Drilled observation water-table well in deposits of Pleistocene age and Ogallala Formation, diameter 12 inches, depth (remeasured 1962) 78 feet.

Measuring point, top south side of casing, 0.20 foot above lsd. Highest water level 52.70 below lsd, Feb. 28, 1945; lowest 71.43 below lsd, Dec. 30, 1962. Records available: 1944-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	68.56	68.52	68.46	68.41	68.37	68.32
Feb.	68.28	68.23	68.19	68.16	68.14	.....
Mar.	68.11	68.09	68.15	68.24	68.37	68.44
Apr.	68.66	68.81	69.05	69.11	69.15	69.21
May	69.29	69.36	69.43	69.49	69.55	69.61
June	69.67	69.70	69.66	69.67	69.70	69.68
July	69.64	69.65	69.73	69.82	69.90	69.98
Aug.	70.10	70.16	70.22	70.31	70.38	70.44
Sept.	70.52	70.61	70.68	70.74	70.81	70.88
Oct.	70.93	70.95	71.05	71.10	71.14	71.18
Nov.	71.24	71.29	71.33	71.37	71.39	71.43
Dec.	71.37	71.36	71.35	71.37	71.41	71.43

27-35-16cb. (C) Craig Howard. Drilled stock water-table well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 183 feet. Measuring point, top of casing, 1.00 foot above lsd. Measurement of 174.45 feet below lsd for Oct. 19, 1951, erroneously published previously as 145.00. Highest water level 173.94 below lsd, Nov. 18, 1953 (highest erroneously reported previously as 145.00 below lsd, Oct. 9, 1951); lowest 181.55 below lsd, Aug. 13, 1962. Records available: 1941-42, 1951-62. Feb. 6, 180.27; May 1, 179.48; Aug. 13, 181.55; Nov. 16, 180.40.

27-38-15bb. (C) Mrs. Charles Andes. Drilled irrigation well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 479 feet. Measuring point, outside edge of bolt hole at top of pump, 0.50 foot above lsd. Highest water level 97.15 below lsd, Jan. 15, 1958; lowest 122.65 below lsd, Nov. 14, 1962. Records available: 1958-62. Feb. 7, 111.33; Nov. 14, 122.65.

27-38-23cb1. (C) L. F. Hohner. Drilled unused artesian well in deposits of Pliocene age, diameter 16 inches, depth (remeasured 1962) 235 feet. Measuring point, top east side of casing, 0.80 foot above lsd. Highest water level 41.25 below lsd, Mar. 9, 1943; lowest 127.63 below lsd, Aug. 25, 1962. Records available: 1943, 1955, 1958-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	76.64	76.20	75.59	74.98	74.84	74.62
Feb.	74.52	74.10	74.20	74.94	.....	.....
Mar.	.....	.....	110.6	112.2	109.1	114.0
Apr.	111.4	88.72	109.35	86.63	86.68	116.32
May	.....	.....	123.53	123.07	95.96	93.97
June	87.87	86.96	84.59	108.68	109.66	114.74
July	91.06	92.35	93.58	.....	.....	.....
Aug.	.....	.....	126.83	126.88	127.63	105.00
Sept.	104.80	.....	104.69	101.43	98.15	99.03
Oct.	.....	.....	.....	117.27	94.52	93.37
Nov.	93.44	92.90	93.63	92.23	90.85	88.97
Dec.	88.49	87.80	112.23	115.76	92.05	95.78

27-38-32bc. (C) G. M. Coffey. Drilled unused artesian well in deposits of Pliocene age, diameter 16 inches, depth (remeasured 1962) 258 feet. Measuring point, south side, top of casing, 2.00 feet above lsd. Highest water level 49.66 below lsd, Nov. 29, 1940; lowest 111.15 below lsd, Aug. 20, 1962. Records available: 1940, 1958-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	.....	.....	.....	.....	85.31	85.12
Feb.	85.03	85.73	86.27	86.76	87.02	.....
Mar.	86.00	91.73	88.98	89.42	88.07	91.58
Apr.	93.82	98.82	100.68	103.04	100.29	104.73
May	104.04	104.63	101.05	98.78	99.03	98.20
June	93.53	90.80	90.72	95.26	90.68	89.91
July	89.86	87.20	101.57	107.95	101.26	101.79
Aug.	97.38	106.09	106.32	111.15	110.82	109.07
Sept.	110.64	107.47	104.16	104.54	101.70	101.09
Oct.	102.03	100.63	100.04	99.40	96.81	99.19
Nov.	99.94	97.55	96.46	95.62	96.12	97.40
Dec.	98.02	95.76	96.64	100.50	100.12	99.36

28-35-31cd1. (C) Magnolia Pet. Co. Drilled industrial artesian well in Ogallala Formation, diameter 12-18 inches, depth 314 feet. Measuring point, hole in south side of pump base, 1.60 feet above lsd. Measurements erroneously omitted from previous published records: May 20, 1948, 213.40; June 2, 1953, 218.40; May 18, 1956, 228.40. Highest water level 213.40 below lsd. May 20, 1948; lowest 246.94 below lsd, Nov. 16, 1962. Records available: 1948, 1953, 1956, 1958-62. Feb. 7, 227.25; May 14, 235.18; Aug. 8, 244.20; Nov. 16, 246.94.

28-38-7bb. (C) Mrs. Dellia Pinegar. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 284 feet. Measuring point, lower edge of cut out in north side of pump base, 0.7 foot above lsd. Highest water level 82.36 below lsd, Mar. 21, 1960; lowest 145.30 below lsd, Sept. 6, 1962. Records available: 1958-62.

Feb. 7	89.02	Sept. 6	145.30	Oct. 11	133.00
Aug. 8	93.22	Sept. 20	117.73	Dec. 6	110.50

30-37-20cb. (C) J. H. Lewis. Drilled irrigation water-table well in deposits of Pleistocene age and Ogallala Formation, diameter 16 inches, depth 335 feet. Measuring point, hole in south side of pump base, 0.65 foot above lsd. Highest water level 114.40 below lsd, Aug. 8, 1941; lowest 148.35 below lsd, Nov. 7, 1961. Records available: 1941, 1952-62. Feb. 6, 142.89.

GRAY COUNTY

3a. (C) N. A. Mans. NE SW NW sec. 7, T. 28 S., R. 27 W. Drilled unused water-table well in deposits of Pleistocene age and Ogallala Formation, diameter 5 inches, depth (remeasured 1962) 206 feet. Measuring point since Dec. 1962, hole in east side of pump base, 0.35 foot above lsd. Highest water level 157.87 below lsd, July 10, 1962; lowest 160.71 below lsd, June 7, 1956. Records available: 1954-62. Jan. 15, 158.04; Apr. 2, 158.01; July 10, 157.87; Dec. 12, 157.97.

24-28-36ac. (C) Art Schartz. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 135 feet. Measuring point, pump base, 0.9 foot above lsd. Highest water level 83.86 below lsd, Oct. 3, 1962; lowest 85.06, July 13, 1960. Records available: 1956, 1959-62. Jan. 15, 84.67; Apr. 2, 84.74; July 10, 83.98; Oct. 3, 83.86.

26-29-7cb. (Measurements for 1939-41 published previously as Gray County well #21) (C) C. M. Davis. Drilled unused stock water-table well in deposits of Pleistocene age, diameter 6 inches, depth (remeasured 1962) 101 feet. Measuring point, top of clamp south edge of north pipe, 1.00 foot above lsd. Highest water

level 79.22 below lsd, Dec. 13, 1954; lowest 88.89 below lsd, May 22, 1940 (lowest erroneously reported previously as 88.83 below lsd, Oct. 13, 1939). Records available: 1939-41, 1953-62. Jan. 15, 81.32; Apr. 2, 81.44; Dec. 12, 81.40.

27-27-9bb. (C) Donald Culver. Drilled irrigation artesian well in Ogallala Formation, diameter 20 inches, depth (remeasured 1962) 102 feet. Measuring point, upper edge of hole in east side of pump, 0.5 foot above lsd. Highest water level 74.89 below lsd, Jan. 6, 1960; lowest 75.06 below lsd, Jan. 15, 1962. Records available: 1960-62. Jan. 15, 75.06.

27-29-1aa. (C) Pete Breitenbach. Drilled unused domestic artesian well in Ogallala Formation, diameter 2 inches, depth (remeasured 1962) 83 feet. Measuring point, south side, top of pipe, 5.0 feet above lsd. Highest water level 71.91 below lsd, July 13, 1960; lowest 72.60 below lsd, Dec. 12, 1962. Records available: 1960-62. Jan. 15, 72.42; Apr. 2, 72.59; July 10, 72.44; Dec. 12, 72.60.

27-30-10dc. (C) M. D. Frazier. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 120 feet. Measuring point, top of opening in pump base, 0.5 foot above lsd. Highest water level 53.92 below lsd, Apr. 30, 1959; lowest 63.20 below lsd, Dec. 5, 1940. Records available: 1940, 1959-62. Jan. 15, 55.52.

28-30-17bb. (C) Earl A. Nelson. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 300 feet. Measuring point, upper edge of hole in south side of pump, 0.8 foot above lsd. Measurements of 107.90 feet below lsd on Jan. 6, 1960, erroneously published previously as 107.27. Highest water level 107.05 below lsd, Jan. 6, 1959; lowest 107.90 below lsd, Jan. 6, 1960 (lowest erroneously reported previously as 107.63 below lsd, Jan. 4, 1961). Records available: 1959-62. Jan. 15, 107.50.

28-30-24ba. (C) Allen Isaac. Drilled irrigation water-table well in Ogallala Formation and deposits of Pleistocene age, diameter 16 inches, depth 242 feet. Measuring point, top edge of hole in south side of pump head, 0.80 foot above lsd. Highest water level 115.37 below lsd, Apr. 2, 1962; lowest 126.51 below lsd, Oct. 3, 1961. Records available: 1961-62. 1961: Oct. 3, 126.51. 1962: Jan. 15, 116.01; Apr. 2, 115.37; Dec. 12, 117.56.

29-28-13ccc. (C) Owner unknown. Drilled unused stock well in Ogallala Formation, diameter 1½ inches, depth (remeasured 1962) 83 feet. Measuring point, bottom of 1½-inch T in pipe, 2.10 feet above lsd. Highest water level 68.16 below lsd, Jan. 15, 1962; lowest 69.82 below lsd, July 17, 1959. Records available: 1958-62. Jan. 15, 68.16; Apr. 2, 69.31; July 10, 68.74; Dec. 19, 68.34.

29-28-28cd. (C) Delbert McCune. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 149 feet. Measuring point, hole in southwest side of pump base, 1.00 foot above lsd. Highest water level 87.60 below lsd, Apr. 18, 1960; lowest 90.58 below lsd, Oct. 3, 1961. Records available: 1959-62. Jan. 15, 89.68; Apr. 2, 89.28; July 10, 88.36; Dec. 19, 90.25.

29-29-10bb. (C) Walter Schmidt. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 151 feet. Measuring point, hole in south side of pump base, 1.5 feet above lsd. Highest water level 85.38 below lsd, Jan. 6, 1960; lowest 86.97 below lsd, Oct. 19, 1960. Records available: 1959-62. Jan. 15, 86.18; Apr. 2, 85.99; July 10, 86.23; Dec. 19, 86.83.

GREELEY COUNTY

16-39-33cc. (C) Robert Hoard. Domestic and stock well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 106 feet. Measuring point, top board covering casing, 0.80 foot above lsd. Highest water level 72.88 below lsd, Sept. 5, 1962; lowest 73.64 below lsd, Dec. 8, 1959. Records available: 1959-62. Mar. 9, 73.26; June 6, 73.39; Sept. 5, 72.88; Nov. 5, 73.02.

16-41-20ba. (C) J. Howell. Drilled stock water-table well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 150 feet. Measuring point, top of casing, 0.40 foot above lsd. Highest water level 127.96 below lsd, Jan. 6, 1949; lowest 134.70 below lsd, Nov. 5, 1962. Records available: 1947-62. Mar. 9, 133.20; June 6, 133.53; Sept. 5, 133.74; Nov. 5, 134.70.

20-40-24aa. (C) Owner unknown. Drilled stock well in Ogallala Formation, diameter 5 inches, depth 220 feet. Measuring point, west side of pump base, 0.80 foot above lsd. Highest water level 191.07 below lsd, Mar. 22, 1956; lowest 197.24 below lsd, Mar. 24, 1955. Records available: 1954-62. Sept. 5, 194.37; Dec. 11, 194.39.

HAMILTON COUNTY

2a. (C) Chester Huser. NE NE sec. 21, T. 23 S., R. 43 W. Drilled irrigation well in alluvium, diameter 40 inches, depth 29 feet. South well of a battery of three irrigation wells. Measuring point, top west side of concrete curb, 1.31 feet above lsd. Highest water level 111.33 below lsd, June 14, 1962; lowest 15.44 below lsd, Oct. 26, 1956. Records available: 1944-62.

Jan. 25	11.78	May 24	11.82	Oct. 11	13.69
Feb. 21	12.26	June 14	11.33	Nov. 15	13.55
Mar. 22	12.38	July 13	12.44	Dec. 6	13.48
Apr. 26	12.11	Sept. 6	14.02		

6. (C) Belle Heinlen. SW SW SE sec. 24, T. 24 S., R. 39 W. Drilled unused water-table well in Dakota Formation, diameter 5 inches, depth (remeasured 1962) 98 feet. Measuring point since June 1961, top south side of casing, at land surface. Measurement of 22.97 feet below lsd for Sept. 5, 1958, erroneously published previously as 21.97. Highest water level 22.97 below lsd, Sept. 5, 1958; lowest 56.40 below lsd, July 23, 1954. Records available: 1939-62.

Feb. 26	50.10	July 12	48.97	Oct. 11	47.02
Mar. 22	50.40	Aug. 15	49.07	Nov. 15	46.72
Apr. 26	48.44	Sept. 5	48.54	Dec. 11	47.54
June 14	47.84				

24-40-8cc. (C) Mildred E. Lindsey. Drilled irrigation water-table well in alluvial sand, diameter 18 inches, depth 34 feet. Measuring point, top edge of 2 x 6 board on top of tile well house wall, 3.00 feet above lsd. Highest water level 13.10 below lsd, June 14, 1962; lowest 15.74 below lsd, Sept. 5, 1962. Records available: 1962.

Feb. 23	13.30	July 12	14.15	Oct. 11	15.00
Mar. 22	13.46	Aug. 15	14.80	Nov. 15	13.89
Apr. 26	15.00	Sept. 5	15.74	Dec. 11	13.77
June 14	13.10				

26-40-18ba. (C) M. Williamson. Drilled stock well in Dakota Formation, diameter 6 inches, depth (corrected) 133 feet. Measuring point, top of wooden clamp, northwest side, 1.00 foot above lsd. Highest water level 110.95 below lsd, July 14, 1959; lowest 123.60 below

lsd, Sept. 28, 1939. Records available: 1939, 1959-62. Jan. 17, 111.40.

26-42-22cd. (C) Harold Payne. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 265 feet. Measuring point, hole in southeast side of pump, 1.00 foot above lsd. Highest water level 87.42 below lsd, Jan. 5, 1960; lowest 98.33 below lsd, July 14, 1959. Records available: 1959-62. Jan. 17, 90.10.

HARPER COUNTY

32-7-11cdd. (C) City of Anthony. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 53 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 11.53 below lsd, Aug. 27, 1961; lowest 22.09 below lsd, Mar. 24, 31, 1957. Records available: 1956-62.

Jan. 28	12.68	May 27	13.82	Sept. 22	15.67
Feb. 26	12.62	June 24	13.13	Oct. 28	15.67
Mar. 25	12.90	July 28	15.19	Nov. 24	15.79
Apr. 29	12.93	Aug. 31	15.98	Dec. 30	15.75

32-7-12ccb1. (C) City of Anthony. Drilled observation well in terrace deposits of Pleistocene age, diameter 2 inches, depth 60 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 22.50 below lsd, Oct. 15, 1954; lowest 36.79 below lsd, Oct. 28, 1956. Records available: 1954-62.

Jan. 28	26.67	May 27	28.71	Sept. 22	31.42
Feb. 26	25.69	June 24	27.27	Oct. 28	31.13
Mar. 25	26.52	July 28	30.77	Nov. 24	30.50
Apr. 29	26.07	Aug. 31	32.58	Dec. 30	30.21

HARVEY COUNTY

101. (C) City of Wichita. NW NW sec. 18, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 75 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 26.30 below lsd, July 2, 1962; lowest 38.46 below lsd, Aug. 31, 1956. Records available: 1954-62.

Jan. 31	28.07	June 1	28.77	Sept. 28	28.42
Mar. 1	28.55	July 2	26.30	Oct. 31	28.36
29	28.84	31	26.88	Nov. 29	28.65
May 1	28.84	Aug. 30	28.77	Dec. 31	28.52

102. (C) City of Wichita. NE NE sec. 24, T. 23 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 68 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 23.60 below lsd, Jan. 1, 1959; lowest 36.33 below lsd, Aug. 31, 1956. Records available: 1954-62.

Jan. 31	27.85	June 1	28.77	Sept. 28	28.75
Mar. 1	29.14	July 2	25.59	Oct. 31	28.42
29	29.22	31	27.50	Nov. 29	28.89
May 1	29.34	Aug. 30	29.25	Dec. 31	28.59

103. (C) City of Wichita. SW SW sec. 19, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 73 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 24.13 below lsd, July 31, 1961;

lowest 33.93 below lsd, Sept. 1, 1955. Records available: 1954-62.

Jan. 31	26.63	June 1	28.09	Sept. 28	28.10
Mar. 1	28.83	July 2	24.89	Oct. 31	27.68
29	28.82	31	27.05	Nov. 29	28.28
May 1	28.80	Aug. 30	28.72	Dec. 31	27.79

104. (C) City of Wichita. NW NW sec. 23, T. 23 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 81 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 17.47 below lsd, Jan. 1, 1959, July 31, 1962; lowest 27.77 below lsd, Nov. 1, 1956. Records available: 1954-62.

Jan. 31	19.47	June 1	19.10	Sept. 28	18.18
Mar. 1	19.15	July 2	17.52	Oct. 31	18.29
29	19.58	31	17.47	Nov. 29	18.62
May 1	19.86	Aug. 30	18.77	Dec. 31	18.75

105. (C) City of Wichita. SE SE sec. 18, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 60 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 17.90 below lsd, July 2, 1962; lowest 31.58 below lsd, Aug. 31, 1956. Records available: 1954-62.

Jan. 31	20.72	June 1	21.26	Sept. 28	21.43
Mar. 1	21.05	July 2	17.90	Oct. 31	21.10
29	21.66	31	19.74	Nov. 29	22.03
May 1	22.06	Aug. 30	22.65	Dec. 31	21.53

106. (C) City of Wichita. NW NW sec. 36, T. 23 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 62 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 22.73 below lsd, Sept. 29, 1960; lowest 27.68 below lsd, Aug. 31, 1956. Records available: 1954-62.

Jan. 31	23.72	June 1	24.96	Sept. 28	23.70
Mar. 1	24.60	July 2	23.44	Oct. 31	23.35
29	24.59	31	23.28	Nov. 29	23.45
May 1	24.68	Aug. 30	23.84	Dec. 31	23.44

107. (C) City of Wichita. NW SW sec. 3, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 66 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 33.03 below lsd, Feb. 1, 1961; lowest 49.06 below lsd, Aug. 1, 1956. Records available: 1954-62.

Jan. 31	36.47	June 1	37.64	Sept. 28	34.39
Mar. 1	34.75	July 2	34.23	Oct. 31	34.58
29	34.00	31	34.36	Nov. 29	35.23
May 1	36.10	Aug. 30	38.35	Dec. 31	34.20

108. (C) City of Wichita. NW NW sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 38 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 10.06 below lsd, July 27, 1954;

lowest 13.22 below lsd, Apr. 1, 1957. Records available: 1954-62.

Jan. 31	11.62	June 1	11.55	Sept. 28	11.18
Mar. 1	11.58	July 2	11.37	Oct. 31	11.14
29	11.57	31	11.27	Nov. 29	11.15
May 1	11.57	Aug. 30	11.25	Dec. 31	11.10

109. (C) City of Wichita. NE cor. sec. 22, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 39 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 9.76 below lsd, Oct. 2, 1958; lowest 15.03 below lsd, Apr. 1, 1957. Records available: 1954-62.

Jan. 31	12.17	June 1	11.70	Sept. 28	11.12
Mar. 1	12.07	July 2	10.74	Oct. 31	11.33
29	12.14	31	10.49	Nov. 29	11.65
May 1	12.34	Aug. 30	11.04	Dec. 31	11.84

110. (C) City of Wichita. SW cor. sec. 25, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 38 feet. Measuring point, top of pipe, 4.00 feet above lsd. Highest water level 4.85 below lsd, July 31, 1961; lowest 10.36 below lsd, Mar. 1, 1957. Records available: 1954-62.

Jan. 31	6.33	June 1	6.47	Sept. 28	5.88
Mar. 1	6.26	July 2	5.25	Oct. 31	5.95
29	6.59	31	4.86	Nov. 29	6.25
May 1	6.81	Aug. 30	5.82	Dec. 31	6.48

111. (C) City of Wichita. SE cor. sec. 2, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 42 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 9.45 below lsd, July 31, 1962; lowest 20.12 below lsd, Oct. 1, 1956. Records available: 1954-62.

Jan. 31	12.13	June 1	11.78	Sept. 28	10.91
Mar. 1	11.89	July 2	9.54	Oct. 31	11.16
29	12.19	31	9.45	Nov. 29	11.40
May 1	12.59	Aug. 30	10.71	Dec. 31	11.82

112. (C) City of Wichita. SE cor. sec. 25, T. 24 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 13.09 below lsd, Aug. 30, 1962; lowest 25.65 below lsd, May 1, 1957. Records available: 1954-62.

Jan. 31	14.17	June 1	14.52	Sept. 28	13.12
Mar. 1	14.14	July 2	13.26	Oct. 31	13.16
29	14.21	31	13.12	Nov. 29	13.30
May 1	14.48	Aug. 30	13.09	Dec. 31	13.48

113. (C) City of Wichita. NW cor. sec. 29, T. 24 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 29 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 12.97 below lsd, July 31, 1962;

lowest 23.90 below lsd, Mar. 1, 1957. Records available: 1954-62.

Jan. 31	15.59	June 1	13.83	Sept. 28	14.25
Mar. 1	16.11	July 2	13.11	Oct. 31	15.04
29	16.40	31	12.97	Nov. 29	15.43
May 1	16.80	Aug. 30	14.17	Dec. 31	15.95

118. (C) City of Wichita. SE cor. sec. 27, T. 23 S., R. 2 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 7.78 below lsd, July 1, 1957; lowest 19.69 below lsd, Oct. 1, 1956. Records available: 1955-62.

Jan. 31	12.32	June 1	9.68	Sept. 28	12.33
Mar. 1	13.22	July 2	11.04	Oct. 31	12.87
29	13.50	31	11.09	Nov. 29	13.03
May 1	13.76	Aug. 30	12.69	Dec. 31	13.36

119. (C) City of Wichita. NW cor. sec. 6, T. 24 S., R. 1 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 45 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 25.47 below lsd, July 31, 1962; lowest 36.76 below lsd, Oct. 1, 1956. Records available: 1955-62.

Jan. 31	27.89	June 1	27.48	Sept. 28	26.92
Mar. 1	28.43	July 2	25.60	Oct. 31	27.79
29	28.59	31	25.47	Nov. 29	27.95
May 1	29.36	Aug. 30	27.85	Dec. 31	28.40

120. (C) City of Wichita. SE cor. sec. 1, T. 24 S., R. 2 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 11.35 below lsd, July 2, 1962; lowest 23.00 below lsd, Oct. 1, 1956. Records available: 1955-62.

Jan. 31	13.95	June 1	11.63	Sept. 28	13.48
Mar. 1	14.76	July 2	11.35	Oct. 31	14.33
29	15.11	31	11.49	Nov. 29	14.65
May 1	15.90	Aug. 30	13.98	Dec. 31	15.00

121. (C) City of Wichita. SW cor. sec. 5, T. 24 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 81 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 38.62 below lsd, July 2, 1962; lowest 54.18 below lsd, May 31, 1956. Records available: 1955-62.

Jan. 31	44.58	June 1	43.76	Sept. 28	42.11
Mar. 1	43.33	July 2	38.62	Oct. 31	42.80
29	44.00	31	40.02	Nov. 29	43.03
May 1	45.18	Aug. 30	42.84	Dec. 31	43.80

122. (C) City of Wichita. NW cor. sec. 18, T. 24 S., R. 1 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 42 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 6.99 below lsd, June 1, 1962; lowest 23.01 below lsd, Oct. 1, 1956. Records available: 1955-62.

Jan. 31	11.95	June 1	6.99	Sept. 28	15.90
Mar. 1	18.09	July 2	17.26	Oct. 31	18.08
29	18.09	31	16.38	Nov. 29	18.13
May 1	18.65	Aug. 30	18.05	Dec. 31	18.44

123. (C) City of Wichita. SE cor. sec. 7, T. 24 S., R. 1 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 43 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 20.84 below lsd, May 1, 1957; lowest 38.54 below lsd, Dec. 31, 1956. Records available: 1955-62.

Jan. 31	28.37	June 1	27.28	Sept. 28	27.39
Mar. 1	28.96	July 2	24.93	Oct. 31	28.36
29	29.35	31	24.82	Nov. 29	28.75
May 1	30.02	Aug. 30	27.25	Dec. 31	29.26

506. (C) W. G. Backhaus. NW NE sec. 28, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 139 feet. Measuring point, plate on instrument shelf, 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: 1938-62.

Jan. 31	12.51	June 1	6.65	Sept. 28	13.25
Mar. 1	13.85	July 2	11.32	Oct. 31	13.86
29	13.97	31	11.62	Nov. 29	14.33
Apr. 30	14.60	Aug. 30	14.26	Dec. 31	14.39

507. (C) W. G. Backhaus. NW NE sec. 28, T. 23 S., R. 2 W. Driven unused water-table well in sand of Pleistocene age, diameter 1¼ inches, depth 44 feet. Measuring point, plate on instrument shelf, 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: 1938-62.

Jan. 31	10.63	June 1	8.87	Sept. 28	10.99
Mar. 1	10.99	July 2	9.74	Oct. 31	10.88
29	11.11	31	9.62	Nov. 29	12.52
Apr. 30	12.20	Aug. 30	13.44	Dec. 31	11.50

736. (C) I. Ansel, Jr. SE SW SE sec. 12, T. 23 S., R. 3 W. Driven domestic water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 33 feet. Measuring point, base of pitcher pump, 4.70 feet above lsd. Highest water level 0.84 below lsd, July 2, 1962; lowest 12.81 below lsd, Dec. 31, 1956. Records available: 1950-62.

Jan. 31	6.10	May 31	3.49	Sept. 28	3.28
Mar. 1	6.04	July 2	0.84	Oct. 31	3.64
29	5.99	Aug. 1	1.55	Nov. 29	4.14
Apr. 30	5.96	30	2.90	Dec. 31	4.17

817. (C) City of Wichita. NW cor. sec. 1, T. 24 S., R. 2 W. Driven observation water-table well in sand of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 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: 1938-62.

Jan. 31	14.68	May 31	12.60	Sept. 28	14.54
Mar. 1	15.11	June 25	12.76	Oct. 28	15.10
29	15.38	July 31	12.57	Nov. 29	15.15
Apr. 30	15.80	Aug. 30	15.05	Dec. 31	15.40

821. (C) City of Wichita. NW cor. sec. 6, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 12.03 below lsd, Aug. 21, 1939; lowest 29.93 below lsd, Apr. 1, 1957. Records available: 1938-62.

Jan. 31	27.34	May 31	27.95	Sept. 28	27.10
Mar. 1	27.85	June 25	27.30	Oct. 28	26.83
29	27.71	July 31	26.97	Nov. 29	26.85
Apr. 30	27.65	Aug. 30	27.24	Dec. 31	26.58

824. (C) City of Wichita. SE SE sec. 22, T. 24 S., R. 1 W. Driven observation water-table well in sand of Pleistocene age, diameter 1¼ inches, depth 42 feet. Measuring point, top of pipe, 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: 1938-62.

Jan. 31	5.72	May 31	7.34	Sept. 28	9.22
Mar. 1	5.89	June 25	5.50	Oct. 28	9.20
29	6.63	July 31	6.77	Nov. 29	9.15
Apr. 30	7.17	Aug. 30	9.18	Dec. 31	9.40

832. (C) City of Wichita. NE cor. sec. 19, T. 24 S., R. 1 W. Drilled observation well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 129 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 11.36 below lsd, May 31, 1962; lowest 24.85 below lsd, Dec. 31, 1956. Records available: 1938-49, 1955-62.

Jan. 31	14.44	May 31	11.36	Sept. 28	15.05
Mar. 1	16.99	June 27	14.30	Oct. 28	16.49
29	17.24	July 31	13.82	Nov. 29	16.82
Apr. 30	17.75	Aug. 30	15.48	Dec. 31	17.25

833. (C) T. B. Burrows. SW SW sec. 19, T. 24 S., R. 1 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 5.11 below lsd, Oct. 2, 1945; lowest 25.23 below lsd, Mar. 1, 1957. Records available: 1938-62.

Jan. 31	15.05	May 31	14.83	Sept. 28	13.77
Mar. 1	15.24	June 27	13.37	Oct. 28	14.10
29	15.45	July 31	13.10	Nov. 29	14.40
Apr. 30	15.70	Aug. 30	13.62	Dec. 31	14.62

839. (C) City of Wichita. NE NE sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand of Pleistocene age, diameter 1¼ inches. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 10.62 below lsd, Aug. 21, 1939; lowest 32.52 below lsd, May 1, 1957. Records available: 1938-62.

Jan. 31	21.33	May 31	21.56	Sept. 28	20.59
Mar. 1	21.38	July 2	20.92	Oct. 31	20.24
	29	31	20.80	Nov. 29	20.45
Apr. 30	21.29	Aug. 30	20.20	Dec. 31	20.45

853. (C) City of Wichita. NW cor. sec. 13, T. 24 S., R. 2 W. Drilled observation water-table well in sand of Pleistocene age, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 5.82 below lsd, Oct. 2, 1951; lowest 21.86 below lsd, Mar. 1, 1957. Records available: 1938-62.

Jan. 31	12.34	May 31	12.44	Sept. 28	11.11
Mar. 1	12.35	July 2	10.30	Oct. 31	11.34
	29	31	10.43	Nov. 29	11.51
Apr. 30	12.88	Aug. 30	11.07	Dec. 31	11.83

854. (C) City of Wichita. SW SW sec. 23, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 5.13 below lsd, Aug. 1, 1951; lowest 17.34 below lsd, Jan. 31, 1957. Records available: 1938-62.

Jan. 31	9.90	May 31	6.92	Sept. 28	9.64
Mar. 1	10.39	July 2	7.53	Oct. 31	9.85
	29	31	8.21	Nov. 29	10.09
Apr. 30	10.93	Aug. 30	9.51	Dec. 31	10.35

855a. Listed under Reno County.

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 sand and gravel of Pleistocene age, diameter 1¼ inches, depth 63 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 10.49 below lsd, Apr. 29, 1943; lowest 41.05 below lsd, Jan. 1, 1958. Records available: 1939-49, 1954-62.

Jan. 31	37.95	May 31	37.71	Sept. 28	36.97
Mar. 1	37.90	July 2	36.84	Oct. 31	36.53
	29	31	37.08	Nov. 29	36.17
Apr. 30	37.19	Aug. 30	37.10	Dec. 31	35.83

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 sand and gravel of Pleistocene age, diameter 1¼ inches, depth 201 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 20.04 below lsd, May 27, 1940; lowest 62.82 below lsd, Mar. 29, 1962. Records available: 1939-49, 1954-62.

Jan. 31	59.38	May 31	58.60	Sept. 28	53.27
Mar. 1	57.85	July 2	44.20	Oct. 31	52.78
	29	31	56.30	Nov. 29	44.78
Apr. 30	47.23	Aug. 30	47.67	Dec. 31	46.97

875. (C) A. B. Havelly. SE cor. sec. 17, T. 23 S., R. 3 W. Driven unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 13 feet. Measuring point, top of pipe, 1.70 feet above lsd. Highest water level 1.70 above lsd, Oct. 31, and Dec. 31, 1958, through June 30, 1959; lowest 8.78 below lsd, Oct. 31, 1955. Records available: 1939-62.

Jan. 31	+0.55	May 31	+1.33	Sept. 28	+1.44
Mar. 1	+ .54	July 2	+1.34	Oct. 31	+ .79
	29	31	+1.10	Nov. 29	+ .68
Apr. 30	0	Aug. 30	+ .01	Dec. 31	+ .72

876. (C) A. B. Havelly. SE cor. sec. 17, T. 23 S., R. 3 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 246 feet. Measuring point, top of instrument shelf, 2.70 feet above lsd. Highest water level 16.15 below lsd, Sept. 28, 1962; lowest 32.83 below lsd, Apr. 2, 1957. Records available: 1939-62.

Jan. 31	24.31	July 2	21.06	Oct. 31	22.28
Mar. 1	24.25	31	22.90	Nov. 29	23.28
	29	Aug. 30	23.55	Dec. 31	23.64
Apr. 30	24.33	Sept. 28	16.15		

877. (C) A. B. Havelly. SE cor. sec. 17, T. 23 S., R. 3 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 47 feet. Measuring point, top of plate on instrument shelf, 3.40 feet above lsd. Highest water level 8.50 below lsd, Jan. 2, 1959; lowest 19.21 below lsd, Sept. 5, Oct. 5, 1956. Records available: 1939-62.

Jan. 31	10.42	May 31	10.54	Sept. 28	9.37
Mar. 1	10.47	July 2	9.67	Oct. 31	9.33
	29	31	9.39	Nov. 29	9.50
Apr. 30	10.59	Aug. 30	9.71	Dec. 31	9.59

878. (C) C. Cadwell. SE cor. sec. 1, T. 24 S., R. 3 W. Driven unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 45 feet. Measuring point, top of pipe, 0.30 foot above lsd. Highest water level 16.25 below lsd, June 3, 1940; lowest 39.08 below lsd, Sept. 1, 1959. Records available: 1938-62.

Jan. 31	35.46	May 31	32.56	Sept. 28	37.49
Mar. 1	32.63	July 2	35.76	Oct. 31	37.07
	29	31	36.56	Nov. 29	32.01
Apr. 30	37.68	Aug. 30	37.49	Dec. 31	31.91

879. (C) C. Cadwell. SE cor. sec. 1, T. 24 S., R. 3 W. Drilled unused water-table well in Pleistocene sand, diameter 1¼ inches, depth 241 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 17.52 below lsd, May 27, June 3, 1940; lowest 40.59 below lsd, Oct. 30, 1959. Records available: 1938-62.

Jan. 31	32.40	May 31	38.13	Sept. 28	32.05
Mar. 1	36.88	July 2	32.30	Oct. 31	31.90
	29	31	32.21	Nov. 29	37.00
Apr. 30	32.33	Aug. 30	32.13	Dec. 31	36.60

880. (C) Peter Miller. SE SE sec. 11, T. 24 S., R. 3 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 19 feet. Measuring point, top of pipe, 1.30 feet above lsd. Highest water level 2.56 below lsd, Sept. 30, 1945; lowest dry, Mar. 2, Apr. 2, May 1, 1956. Records available: 1938-62.

Jan. 31	14.16	May 31	14.42	Sept. 28	13.89
Mar. 1	13.69	July 2	13.62	Oct. 31	13.43
	29	31	14.01	Nov. 29	13.62
Apr. 30	14.75	Aug. 30	14.01	Dec. 31	13.66

881. (C) Peter Miller. SE SE sec. 11, T. 24 S., R. 3 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 55 feet. Measuring point, top of pipe, 1.30 feet above lsd. Highest water level 3.23 below lsd, Sept. 30, 1945; lowest 16.09 below lsd, July 1, 1960. Records available: 1938-62.

Jan. 31	15.86	May 31	15.09	Sept. 28	14.65
Mar. 1	14.08	July 2	15.58	Oct. 31	13.76
	29	31	14.78	Nov. 29	14.55
Apr. 30	14.74	Aug. 30	14.80	Dec. 31	13.93

884. (C) Maggie Holle. NW cor. sec. 26, T. 24 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 60 feet. Measuring point, top of pipe, 0.60 foot above lsd. Highest water level 13.34 below lsd, Aug. 21, 1939; lowest 38.30 below lsd, May 1, 1957. Records available: 1939-62.

Jan. 31	26.03	May 31	26.68	Sept. 28	25.13
Mar. 1	26.80	July 2	25.85	Oct. 31	25.25
	29	31	26.36	Nov. 29	26.95
Apr. 30	26.08	Aug. 30	26.75	Dec. 31	25.71

885. (C) Maggie Holle. NW cor. sec. 26, T. 24 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 99 feet. Measuring point, top of pipe, 0.60 foot above lsd. Highest water level 13.22 below lsd, Aug. 21, 1939; lowest 39.70 below lsd, May 1, 1957. Records available: 1939-62.

Jan. 31	25.99	May 31	26.62	Sept. 28	25.13
Mar. 1	28.26	July 2	25.85	Oct. 31	25.22
	29	31	27.29	Nov. 29	28.42
Apr. 30	26.01	Aug. 30	28.15	Dec. 31	25.63

886. (C) F. H. Haiber. NE cor. NW sec. 16, T. 24 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 2.34 below lsd, Aug. 21, 1939; lowest 31.86 below lsd, Aug. 1, 1956. Records available: 1939-62.

Jan. 25	22.89	May 25	23.26	Sept. 25	21.98
Feb. 26	23.65	June 25	21.94	Oct. 25	21.52
Mar. 26	21.22	July 25	20.96	Nov. 27	22.46
Apr. 25	22.96	Aug. 24	22.70	Dec. 26	20.53

887. (C) F. H. Haiber. NE cor. NW sec. 16, T. 24 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 111 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 31	22.78	May 31	23.62	Sept. 28	22.79
Mar. 1	23.74	July 2	22.74	Oct. 31	21.99
	29	31	21.22	Nov. 29	23.10
Apr. 30	23.93	Aug. 30	23.47	Dec. 31	21.48

888. (C) C. K. Ellis. NW cor. sec. 17, T. 23 S., R. 2 W. Drilled unused water-table well in Pleistocene sand, diameter 1¼ inches, depth 12 feet. Measuring point, top of pipe, 0.70 foot above lsd. Highest water level 0.35 below lsd, Nov. 7, 1951; lowest dry, Apr. 2, 1957. Records available: 1939-62.

Jan. 31	0.84	May 31	0.55	Sept. 28	2.06
Mar. 1	1.10	July 2	.75	Oct. 31	1.12
	29	31	1.66	Nov. 29	.51
Apr. 30	1.32	Aug. 30	3.80	Dec. 31	.90

889. (C) C. K. Ellis. NW cor. sec. 17, T. 23 S., R. 2 W. Drilled unused water-table well in Pleistocene sand, diameter 1¼ inches, depth 151 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 0.16 below lsd, Apr. 1, 1959; lowest 16.35 below lsd, Aug. 31, 1956. Records available: 1939-62.

Jan. 31	5.76	May 31	4.89	Sept. 28	6.00
Mar. 1	6.15	July 2	3.42	Oct. 31	5.98
	29	31	4.29	Nov. 29	6.51
Apr. 30	6.69	Aug. 30	6.65	Dec. 31	6.39

890a. (C) J. F. Jorgenson. NE cor. SE SE sec. 21, T. 24 S., R. 3 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 15 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 3.68 below lsd, July 31, 1962; lowest 9.94 below lsd, Nov. 1, 1956. Records available: 1954-62.

Jan. 31	4.93	May 31	4.93	Sept. 28	4.24
Mar. 1	4.90	July 2	3.95	Oct. 31	4.38
	29	31	3.68	Nov. 29	4.75
Apr. 30	5.45	Aug. 30	4.50	Dec. 31	4.92

891. (C) Arthur McMurry. SE SE sec. 31, T. 24 S., R. 3 W. Driven unused water-table well in alluvium, diameter 1¼ inches, depth 7 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 31	2.61	May 31	2.51	Sept. 28	2.93
Mar. 1	3.05	July 2	2.92	Oct. 31	3.00
	29	31	2.42	Nov. 29	3.08
Apr. 30	3.50	Aug. 30	3.36	Dec. 31	3.26

892. (C) Arthur McMurry. SE SE sec. 31, T. 24 S., R. 3 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 106 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 31	1.90	May 31	1.63	Sept. 28	2.13
Mar. 1	2.35	July 2	2.15	Oct. 31	2.25
	29	31	.56	Nov. 29	2.36
Apr. 30	2.77	Aug. 30	2.58	Dec. 31	2.56

893. (C) Arthur McMurry. SE SE sec. 31, T. 24 S., R. 3 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 163 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 31	1.60	May 31	1.43	Sept. 28	1.85
Mar. 1	2.04	July 2	1.85	Oct. 31	1.99
29	2.23	31	1.29	Nov. 29	2.10
Apr. 30	2.47	Aug. 30	2.27	Dec. 31	2.25

894. (C) H. A. Lawrence. NE NE sec. 18, T. 24 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 59 feet. Measuring point, top of pipe, 3.10 feet above lsd. Highest water level 9.56 below lsd, May 27, 1940; lowest 34.40 below lsd, Apr. 2, 1957. Records available: 1938-62.

Jan. 31	28.73	May 31	28.80	Sept. 28	28.19
Mar. 1	28.66	July 2	28.49	Oct. 31	27.90
29	28.72	31	28.45	Nov. 29	27.87
Apr. 30	28.60	Aug. 30	28.43	Dec. 31	27.76

1053-B. (C) J. H. Workentine. SW NE NW sec. 16, T. 23 S., R. 3 W. Driven unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 38 feet. Measuring point, top of 1¼-inch union, 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: 1950-62.

Jan. 31	8.98	May 31	6.73	Sept. 28	7.55
Mar. 1	8.79	July 2	7.12	Oct. 31	8.23
29	8.95	31	7.60	Nov. 29	8.24
Apr. 30	9.26	Aug. 30	8.86		

1173. (C) City of Wichita. NE cor. sec. 29, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 26 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 10.64 below lsd, July 9, 1951; lowest 24.25 below lsd, May 31, 1957. Records available: 1950-62.

Jan. 31	21.40	May 31	21.53	Sept. 28	20.72
Mar. 1	21.36	July 2	21.25	Oct. 31	20.74
29	21.43	31	20.93	Nov. 29	20.80
Apr. 30	21.42	Aug. 30	20.79	Dec. 31	20.86

1174. (C) City of Wichita. SW cor. sec. 32, T. 24 S., R. 1 W. Driven observation well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 2.28 below lsd, May 1, 1945; lowest 22.73 below lsd, Mar. 1, Apr. 2, 1957. Records available: 1940-49, 1954-62.

Jan. 31	11.37	May 31	11.98	Sept. 28	10.45
Mar. 1	11.36	July 2	10.12	Oct. 31	10.86
29	11.56	31	10.10	Nov. 29	11.24
Apr. 30	12.00	Aug. 30	10.66	Dec. 31	11.40

1175. (C) City of Wichita. SE cor. sec. 30, T. 24 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 3.80 below lsd, July 9, 1951; lowest 20.50 below lsd, May 1, 1957. Records available: 1950-62.

Jan. 31	11.08	May 31	9.89	Sept. 28	9.75
Mar. 1	11.33	July 2	8.45	Oct. 31	10.39
29	11.63	31	8.45	Nov. 29	10.91
Apr. 30	12.01	Aug. 30	9.72	Dec. 31	11.42

1179. (C) City of Wichita. SE NW SE sec. 33, T. 24 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 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: 1950-62.

Jan. 31	14.67	May 31	12.27	Sept. 28	15.40
Mar. 1	15.79	July 2	14.10	Oct. 31	16.00
29	16.12	31	14.01	Nov. 29	16.37
Apr. 30	16.41	Aug. 30	15.55	Dec. 31	16.64

1186. (C) City of Wichita. SW cor. sec. 13, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 5.25 below lsd, Sept. 7, 1951; lowest 24.67 below lsd, Mar. 1, 1957. Records available: 1941-62.

Jan. 31	14.49	May 31	13.82	Sept. 28	13.22
Mar. 1	14.64	July 2	13.43	Oct. 31	13.39
29	14.79	31	13.37	Nov. 29	13.57
Apr. 30	15.04	Aug. 30	13.40	Dec. 31	13.71

1187. (C) City of Wichita. NW cor. sec. 19, T. 24 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 39 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 2.30 below lsd, July 9, 1951; lowest 20.48 below lsd, Dec. 31, 1956. Records available: 1941-62.

Jan. 31	9.10	May 31	4.36	Sept. 28	9.21
Mar. 1	10.15	July 2	7.57	Oct. 31	9.66
29	10.58	31	7.68	Nov. 29	9.93
Apr. 30	10.91	Aug. 30	9.24	Dec. 31	10.24

1189. (C) City of Wichita. SW cor. sec. 16, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 6.50 below lsd, Apr. 26, 1942; lowest 27.38 below lsd, Apr. 2, 1957. Records available: 1941-46, 1949-62.

Jan. 31	20.55	May 31	19.00	Sept. 28	19.57
Mar. 1	21.04	July 2	19.25	Oct. 31	20.20
29	20.75	31	19.56	Nov. 29	20.28
Apr. 30	20.83	Aug. 30	20.00	Dec. 31	20.07

1190. (C) City of Wichita. NE NE sec. 15, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 0.70 foot above lsd. Highest water level 14.14 below lsd, July 9, 1951; lowest 32.99 below lsd, May 1, 1957. Records available: 1950-62.

Jan. 31	23.49	May 31	23.89	Sept. 28	22.05
Mar. 1	23.38	July 2	22.75	Oct. 31	22.05
	29	31	22.33	Nov. 29	22.04
Apr. 30	23.55	Aug. 30	22.13	Dec. 31	22.16

1191. (C) City of Wichita. SW cor. sec. 27, T. 23 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 27 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 4.12 below lsd, July 3, 1957; lowest 19.63 below lsd, Aug. 31, 1956. Records available: 1950-62.

Jan. 31	11.60	May 31	7.05	Sept. 28	11.28
Mar. 1	11.64	July 2	8.86	Oct. 31	11.45
	29	31	9.28	Nov. 29	12.13
Apr. 30	12.44	Aug. 30	12.48	Dec. 31	12.06

1193. (C) J. W. McElwain. SE NE NE sec. 24, T. 23 S., R. 3 W. Driven stock water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 23 feet. Measuring point, bottom valve seat of pump, 2.35 feet above lsd. Highest water level 2.06 below lsd, May 31, 1962; lowest 11.68 below lsd, June 28, 1950. Records available: 1950-62.

Jan. 31	4.80	May 31	2.06	Sept. 28	3.65
Mar. 1	4.51	July 2	2.22	Oct. 31	3.62
	29	31	2.77	Nov. 29	4.11
Apr. 30	5.21	Aug. 30	4.33	Dec. 31	5.26

1194. (C) Byron Wood. NE SW SW sec. 14, T. 23 S., R. 3 W. Driven unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 21 feet. Measuring point, bottom valve seat of pump, 2.19 feet above lsd. Highest water level 1.09 below lsd, July 2, 1962; lowest 12.67 below lsd, Aug. 1, 1956. Records available: 1941, 1950, 1952-62.

Jan. 31	4.03	May 31	1.29	Sept. 28	1.63
Mar. 1	3.75	July 2	1.09	Oct. 31	2.43
	29	31	1.39	Nov. 29	2.47
Apr. 30	4.78	Aug. 30	3.06	Dec. 31	3.13

1196. (C) Maggie Vollwieder. SE cor. sec. 27, T. 24 S., R. 3 W. Driven stock water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 19 feet. Measuring point, lower check valve, 2.10 feet above lsd. Highest water level 2.17 below lsd, June 3, 1952; lowest 7.86 below lsd, Dec. 28, 1957. Records available: 1941, 1952-62.

Jan. 31	3.32	May 31	2.80	Sept. 28	3.00
Mar. 1	3.30	July 2	2.58	Oct. 31	3.27
	29	31	2.23	Nov. 29	3.41
Apr. 30	3.82	Aug. 30	3.20	Dec. 31	3.62

2072. (C) Peter Hoops and others. NE NW sec. 5,

T. 24 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 3 inches, depth 46 feet. Measuring point, top of casing, 0.60 foot above lsd. Highest water level 27.09 below lsd, May 5, 1947; lowest 40.65 below lsd, Mar. 2, 1959. Records available: 1941-62.

Jan. 31	39.95	May 31	39.97	Sept. 28	39.75
Mar. 1	39.93	July 2	39.92	Oct. 31	39.69
	29	31	39.87	Nov. 29	39.63
Apr. 30	39.94	Aug. 30	39.97	Dec. 31	39.58

2084. (C) Mrs. Emma Linn Webster. SE cor. sec. 15, T. 24 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 30 feet. Measuring point, top of casing, at land surface. Highest water level 2.79 below lsd, Oct. 2, 1951; lowest 29.22 below lsd, Apr. 2, 1957. Records available: 1950-62.

Jan. 31	19.22	May 31	19.58	Sept. 28	17.47
Mar. 1	19.21	July 2	17.86	Oct. 31	17.67
	29	31	17.31	Nov. 29	17.92
Apr. 30	19.49	Aug. 30	17.36	Dec. 31	18.12

2088. (C) City of Wichita. NW cor. sec. 22, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 3.70 below lsd, Apr. 28, 1944; lowest 25.79 below lsd, Mar. 1, 1957. Records available: 1944-46, 1949-62.

Jan. 31	15.70	May 31	13.10	Sept. 28	14.19
Mar. 1	15.84	July 2	12.73	Oct. 31	14.46
	29	31	13.13	Nov. 29	14.90
Apr. 30	16.37	Aug. 30	13.98	Dec. 31	15.05

3001. (C) City of Wichita. SW SW sec. 30, T. 23 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 48 feet. Measuring point, top of pipe, 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: 1951-62.

Jan. 31	26.37	May 31	27.49	Sept. 28	26.50
Mar. 1	26.55	July 2	26.00	Oct. 31	26.10
	29	31	26.15	Nov. 29	26.44
Apr. 30	27.43	Aug. 30	26.86	Dec. 31	26.08

3002. (C) City of Wichita. SW SW SE sec. 30, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 20 feet. Measuring point, top of pipe, 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: 1950-62.

Jan. 31	6.08	May 31	6.40	Sept. 28	5.03
Mar. 1	5.92	July 2	4.98	Oct. 31	5.17
	29	31	4.12	Nov. 29	5.41
Apr. 30	6.44	Aug. 30	4.76	Dec. 31	5.75

3003. (C) City of Wichita. SW SE SE sec. 32, T. 24 S., R. 2 W. Driven observation water-table well in

sand and gravel of Pleistocene age, diameter 1¼ inches, depth 20 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 6.07 below lsd, July 9, 1951; lowest 15.97 below lsd, July 1, 1957. Records available: 1950-62.

Jan. 31	5.58	May 31	6.44	Sept. 28	5.16
Mar. 2	5.52	July 2	5.29	Oct. 31	5.47
29	5.80	31	4.43	Nov. 29	5.98
Apr. 30	6.11	Aug. 30	5.32	Dec. 31	6.28

3005. (C) Sally McFarland and others. SE SW sec. 28, T. 23 S., R. 2 W. Driven unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 63 feet. Measuring point, top of pipe, 0.90 foot above lsd. Highest water level 39.27 below lsd, July 31, 1961; lowest 56.10 below lsd, Sept. 1, 1955. Records available: 1951-62.

Jan. 31	42.25	May 31	44.69	Sept. 28	41.14
Mar. 1	40.79	July 2	41.60	Oct. 31	40.67
29	40.78	31	40.44	Nov. 29	43.40
Apr. 30	43.00	Aug. 30	46.46	Dec. 31	41.19

3031. (C) City of Wichita. NE cor. sec. 24, T. 24 S., R. 3 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 27 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 9.82 below lsd, Oct. 2, 1951; lowest 21.10 below lsd, Apr. 2, 1957. Records available: 1950-62.

Jan. 31	19.00	May 31	19.06	Sept. 28	18.63
Mar. 1	18.99	July 2	18.92	Oct. 31	18.51
29	19.00	31	18.83	Nov. 29	18.41
Apr. 30	19.03	Aug. 30	18.72	Dec. 31	18.37

3032. (C) City of Wichita. SW cor. sec. 24, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 48 feet. Measuring point, top of pipe, 0.90 foot above lsd. Highest water level 13.03 below lsd, Nov. 7, 1951; lowest 28.75 below lsd, Mar. 1, Apr. 2, 1957. Records available: 1950-62.

Jan. 31	22.48	May 31	22.46	Sept. 28	22.32
Mar. 1	22.48	July 2	22.40	Oct. 31	22.30
29	22.47	31	22.38	Nov. 29	22.24
Apr. 30	22.38	Aug. 30	22.37	Dec. 31	22.22

3033. (C) City of Wichita. SW cor. sec. 2, T. 24 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 45 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 13.77 below lsd, Aug. 1, 1951; lowest 31.69 below lsd, May 1, 1957. Records available: 1950-62.

Jan. 31	19.96	May 31	20.15	Sept. 28	18.60
Mar. 1	19.36	July 2	17.85	Oct. 31	18.82
29	19.30	31	18.02	Nov. 29	18.79
Apr. 30	19.94	Aug. 30	19.27	Dec. 31	18.86

3034. (C) City of Wichita. SW SW sec. 28, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth

20 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 1.35 below lsd, July 9, 1951; lowest 9.01 below lsd, Oct. 1, 1956. Records available: 1950-62.

Jan. 31	4.22	May 31	3.82	Sept. 28	3.86
Mar. 1	4.13	July 2	3.65	Oct. 31	4.00
29	4.45	31	3.02	Nov. 29	4.40
Apr. 30	4.79	Aug. 30	4.10	Dec. 31	4.56

3035. (C) City of Wichita. SE SE sec. 34, T. 23 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 28 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 8.16 below lsd, Nov. 1, 1950; lowest 20.77 below lsd, Apr. 2, 1957. Records available: 1950-62.

Jan. 31	17.02	May 31	17.20	Sept. 28	16.22
Mar. 1	18.08	July 2	16.77	Oct. 31	16.16
29	17.12	31	16.55	Nov. 29	16.20
Apr. 30	17.15	Aug. 30	16.40	Dec. 31	16.22

3036. (C) City of Wichita. SE SW SE sec. 23, T. 23 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 0.30 foot above lsd. Highest water level 13.63 below lsd, Jan. 3, 1952; lowest 34.69 below lsd, Apr. 1, 1959. Records available: 1950-62.

Jan. 31	28.01	May 31	29.10	Sept. 28	27.70
Mar. 1	29.40	July 2	27.16	Oct. 31	27.40
29	28.80	31	27.17	Nov. 29	27.61
Apr. 30	28.80	Aug. 30	27.87	Dec. 31	27.61

3037. (C) City of Wichita. NE NW NE sec. 5, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 70 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 37.99 below lsd, Jan. 2, 1959; lowest 53.19 below lsd, Aug. 1, 1957. Records available: 1950-62.

Jan. 31	44.70	May 31	45.60	Sept. 28	42.13
Mar. 1	42.70	July 2	43.25	Oct. 31	41.56
29	41.42	31	42.51	Nov. 29	43.42
Apr. 30	44.37	Aug. 30	46.38	Dec. 31	41.48

3038. (C) Sally McFarland and others. SE SW SW sec. 33, T. 23 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1½ inches, depth 70 feet. Measuring point, top of pipe, 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: 1950-62.

Jan. 31	41.48	May 31	42.59	Sept. 28	39.26
Mar. 1	38.62	July 2	39.75	Oct. 31	38.99
29	37.93	31	39.05	Nov. 29	40.45
Apr. 30	41.11	Aug. 30	43.75	Dec. 31	38.66

3039. (C) George Lehman. SW SE sec. 34, T. 23 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 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: 1950-62.

Jan. 31	9.65	May 31	8.34	Sept. 28	8.60
Mar. 1	7.40	July 2	6.43	Oct. 31	8.87
29	8.95	31	7.09	Nov. 29	9.13
Apr. 30	9.83	Aug. 30	9.68	Dec. 31	9.17

M-1.* (C) City of Wichita. NW cor. sec. 29, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 222 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 18.56 below lsd, Apr. 13, 1939; lowest 112.50 below lsd, Sept. 2, 1958. Records available: 1939-62.

Jan. 2	34.50	May 1	76.50	Oct. 1	74.00
Feb. 1	73.50	July 2	31.00	Nov. 1	75.00
Mar. 1	75.00	Aug. 1	73.50	Dec. 3	75.50
Apr. 2	76.00	31	76.00		

M-1b. (C) City of Wichita. NW cor. sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 69 feet. Measuring point, top of pipe, 0.70 foot above lsd. Highest water level 15.94 below lsd, June 3, 1940; lowest 41.80 below lsd, Aug. 31, 1962. Records available: 1939-62.

Jan. 2	29.42	May 1	40.62	Aug. 31	41.80
Feb. 1	38.34	June 1	30.20	Oct. 1	38.85
Mar. 1	39.50	July 2	27.12	Nov. 1	38.70
Apr. 2	39.70	Aug. 1	38.22	Dec. 3	39.35

M-2r. (C) City of Wichita. NW SW sec. 29, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 231 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 40.00 below lsd, Nov. 1, 1960; lowest 89.00 below lsd, Jan. 2, 1962. Records available: 1960-62.

Jan. 2	89.00	May 1	46.00	Aug. 31	50.00
Feb. 1	44.00	June 1	47.00	Oct. 1	43.00
Mar. 1	43.50	July 2	86.00	Nov. 1	42.50
Apr. 2	43.50	Aug. 1	43.00	Dec. 3	43.00

M-2b. (C) City of Wichita. NW SW sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 69 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 20.25 below lsd, May 27, 1940; lowest 50.49 below lsd, Aug. 1, 1957. Records available: 1939-62.

*The prefix M indicates that the well is a city of Wichita municipal well; the suffix r indicates a replacement for the original municipal well of that number. The suffix letter b indicates a shallow observation well near the municipal well of the same number; the suffix letter d indicates a deep observation well near the same well. The observation wells are from 200 to 500 feet from the pumped well; and generally where there are a shallow and a deep well, they are adjacent.

Jan. 2	39.90	May 1	42.03	Aug. 31	43.97
Feb. 1	39.18	June 1	39.40	Oct. 1	39.34
Mar. 1	39.71	July 2	36.57	Nov. 1	39.40
Apr. 2	40.58	Aug. 1	38.77	Dec. 3	38.97

M-3. (C) City of Wichita. SE SE sec. 30, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 234 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 23.12 below lsd, May 27, 1940; lowest 106.00 below lsd, Aug. 1, 1957, Mar. 1, 1960, Feb. 1, 1961, Oct. 1, 1962. Records available: 1939-62.

Jan. 2	48.00	May 1	45.00	Aug. 31	47.00
Feb. 1	42.00	June 1	44.00	Oct. 1	106.00
Mar. 1	41.50	July 2	41.00	Nov. 1	40.00
Apr. 2	42.00	Aug. 1	40.00	Dec. 3	40.00

M-3b. (C) City of Wichita. SE SE sec. 30, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 69 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 23.91 below lsd, May 27, 1940; lowest 56.09 below lsd, Aug. 1, 1957. Records available: 1939-62.

Jan. 2	45.67	May 1	44.78	Aug. 31	47.32
Feb. 1	42.17	June 1	44.20	Oct. 1	42.30
Mar. 1	42.36	July 2	41.91	Nov. 1	40.90
Apr. 2	42.04	Aug. 1	41.47	Dec. 3	41.00

M-4. (C) City of Wichita. SE SE SW sec. 29, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 238 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	116.00	May 1	42.50	Aug. 31	112.00
Feb. 1	41.00	June 1	44.00	Oct. 1	39.00
Mar. 1	40.50	July 2	113.00	Nov. 1	39.00
Apr. 2	40.00	Aug. 1	39.00	Dec. 3	40.00

M-4b. (C) City of Wichita. SE SW sec. 29, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 97 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 23.13 below lsd, May 27, 1940; lowest 61.88 below lsd, Aug. 1, 1957. Records available: 1939-62.

Jan. 2	51.50	June 1	44.91	Oct. 1	40.38
Feb. 1	41.95	July 2	46.30	Nov. 1	39.97
Mar. 1	41.50	Aug. 1	40.70	Dec. 3	40.35
Apr. 2	40.93	31	52.20		

M-5. (C) City of Wichita. NW SW sec. 32, T. 23 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 237 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	136.00	May 1	141.50	Aug. 31	136.50
Feb. 1	37.50	June 1	37.50	Oct. 1	36.00
Mar. 1	39.00	July 2	36.00	Nov. 1	34.50
Apr. 2	38.00	Aug. 1	38.00	Dec. 3	36.00

M-5b. (C) City of Wichita. NW SW sec. 32, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 59 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 2	36.05	May 1	36.55	Aug. 31	36.42
Feb. 1	36.57	June 1	36.45	Oct. 1	35.71
Mar. 1	36.70	July 2	35.57	Nov. 1	35.25
Apr. 2	36.45	Aug. 1	35.85	Dec. 3	34.83

M-6r. (C) City of Wichita. SW SW sec. 32, T. 23 S., R. 2 W. Drilled observation and public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 250 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 33.00 below lsd, Aug. 1, 1961, Aug. 31, 1962; lowest 97.50 below lsd, Nov. 1, 1962. Records available: 1959-62.

Jan. 2	37.00	May 1	35.50	Aug. 31	33.00
Feb. 1	88.50	June 1	37.00	Oct. 1	95.50
Mar. 1	90.50	July 2	35.00	Nov. 1	97.50
Apr. 2	88.00	Aug. 1	96.00	Dec. 3	33.50

M-6b. (C) City of Wichita. SW SW sec. 32, T. 23 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 2	37.35	May 1	37.87	Aug. 31	37.65
Feb. 1	38.29	June 1	37.91	Oct. 1	37.29
Mar. 1	38.34	July 2	37.26	Nov. 1	36.86
Apr. 2	38.03	Aug. 1	37.45	Dec. 3	36.25

M-7r. (C) City of Wichita. SE NE sec. 6, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 252 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 37.00 below lsd, Apr. 1, May 1, 31, 1957; lowest 133.00 below lsd, Sept. 2, 1958. Records available: 1957-62.

Jan. 2	101.50	May 1	104.00	Aug. 31	102.00
Feb. 1	102.00	June 1	39.50	Oct. 1	38.00
Mar. 1	90.50	July 2	103.00	Nov. 1	38.50
Apr. 2	40.00	Aug. 1	103.00	Dec. 3	103.00

M-7b. (C) City of Wichita. SE NE sec. 6, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 54 feet. Measuring point, top of pipe, 3.87 feet above lsd. Highest water level 13.30 below lsd, June 3, 1940; lowest 40.51 below lsd, Dec. 5, 1957. Records available: 1939-62.

Jan. 2	33.98	May 1	33.88	Aug. 31	33.83
Feb. 1	34.31	June 1	34.01	Oct. 1	33.48
Mar. 1	34.32	July 2	33.73	Nov. 1	33.13
Apr. 2	33.83	Aug. 1	33.55	Dec. 3	33.13

M-7d. (C) City of Wichita. SE NE sec. 6, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 255 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 41.84 below lsd, June 1, 1961; lowest 65.84 below lsd, Jan. 31, 1958. Records available: 1957-62.

Jan. 2	59.88	May 1	61.82	Aug. 31	61.65
Feb. 1	62.00	June 1	42.89	Oct. 1	42.42
Mar. 1	58.72	July 2	60.80	Nov. 1	42.73
Apr. 2	42.65	Aug. 1	60.65	Dec. 3	60.05

M-8r. (C) City of Wichita. NW NW sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 220 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 32.00 below lsd, Dec. 1, 1961, Jan. 2, Apr. 2, July 2, Aug. 1, 31, Nov. 1, 1962; lowest 70.00 below lsd, May 1, 1961. Records available: 1959-62.

Jan. 2	32.00	May 1	32.50	Aug. 31	32.00
Feb. 1	32.50	June 1	67.00	Oct. 1	66.00
Mar. 1	32.50	July 2	32.00	Nov. 1	32.00
Apr. 2	32.00	Aug. 1	32.00	Dec. 3	66.50

M-8b. (C) City of Wichita. NW NW sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 1.10 feet above lsd. Highest water level 9.12 below lsd, May 27, 1940; lowest 37.02 below lsd, July 1, 1958. Records available: 1939-62.

Jan. 2	30.30	May 1	30.74	Aug. 31	30.03
Feb. 1	30.35	June 1	30.78	Oct. 1	30.38
Mar. 1	30.05	July 2	29.95	Nov. 1	29.52
Apr. 2	29.93	Aug. 1	29.89	Dec. 3	29.80

M-9. (C) City of Wichita. SW NW sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 228 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	69.00	May 1	29.00	Aug. 31	28.50
Feb. 1	29.00	June 1	73.50	Oct. 1	28.00
Mar. 1	29.00	July 2	28.00	Nov. 1	28.00
Apr. 2	29.00	Aug. 1	29.00	Dec. 3	28.00

M-9b. (C) City of Wichita. SW NW sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 2	28.96	May 1	28.64	Aug. 31	28.54
Feb. 1	28.67	June 1	29.12	Oct. 1	28.46
Mar. 1	28.47	July 2	28.40	Nov. 1	27.90
Apr. 2	28.52	Aug. 1	28.60	Dec. 3	27.97

M-10r. (C) City of Wichita. NE NW sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 237 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 30.34 below lsd, Apr. 1, 1957; lowest 100.00 below lsd, June 1, 1960. Records available: 1957-62.

Jan. 2	35.50	May 1	98.50	Aug. 31	96.00
Feb. 1	95.50	June 1	36.00	Oct. 1	35.00
Mar. 1	96.00	July 2	98.00	Nov. 1	98.50
Apr. 2	34.00	Aug. 1	34.00	Dec. 3	34.00

M-10b. (C) City of Wichita. NE NW sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 10.44 below lsd, May 27, 1940; lowest 39.45 below lsd, July 1, 1958. Records available: 1939-62.

Jan. 2	32.77	May 1	32.38	Aug. 31	32.70
Feb. 1	33.20	June 1	32.65	Oct. 1	32.09
Mar. 1	33.06	July 2	32.59	Nov. 1	32.19
Apr. 2	32.08	Aug. 1	32.05	Dec. 2	31.62

M-10d. (C) City of Wichita. NE NE NW sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 230 feet. Measuring point, top of pipe, 0.30 foot above lsd. Highest water level 35.55 below lsd, Oct. 1, 1962; lowest 65.14 below lsd, Dec. 5, 1957. Records available: 1957-62.

Jan. 2	37.82	May 1	63.15	Aug. 31	61.72
Feb. 1	58.16	June 1	37.27	Oct. 1	35.55
Mar. 1	60.48	July 2	61.76	Nov. 1	61.52
Apr. 2	35.99	Aug. 1	37.25	Dec. 3	36.88

M-11. (C) City of Wichita. NW SE sec. 8, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 248 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	32.00	May 1	31.00	Aug. 31	31.89
Feb. 1	31.50	June 1	31.00	Oct. 1	30.97
Mar. 1	31.50	July 2	31.46	Nov. 1	31.00
Apr. 2	90.00	Aug. 1	31.38	Dec. 3	30.57

M-11b. (C) City of Wichita. NW SE sec. 8, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 8.49 below lsd, May 27, 1940; lowest 41.20 below lsd, Oct. 1, 1956. Records available: 1939-62.

Jan. 2	32.15	May 1	31.72	Aug. 31	31.75
Feb. 1	31.96	June 1	31.76	Oct. 1	31.30
Mar. 1	31.57	July 2	31.53	Nov. 1	31.01
Apr. 2	32.38	Aug. 1	31.42	Dec. 3	30.73

M-12. (C) City of Wichita. NW SW sec. 9, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 236 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 11.41 below lsd, Aug. 21, 1939; lowest 103.00 below lsd, May 31, Sept. 2, 1957. Records available: 1939-62.

Jan. 2	34.50	May 1	33.00	Aug. 31	92.00
Feb. 1	33.00	June 1	33.00	Oct. 1	32.00
Mar. 1	90.50	July 2	91.00	Nov. 1	31.50
Apr. 2	32.50	Aug. 1	90.00	Dec. 3	94.00

M-12b. (C) City of Wichita. NW SW sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 69 feet. Measuring point, top of pipe, 0.70 foot above lsd. Highest water level 11.70 below lsd, Aug. 21, 1939, Nov. 27, 1940; lowest 47.92 below lsd, Dec. 1, 1958. Records available: 1939-62.

Jan. 2	34.60	June 1	33.60	Oct. 1	32.56
Feb. 1	33.10	July 1	37.52	Nov. 1	32.39
Apr. 2	32.76	Aug. 1	36.52	Dec. 3	36.32
May 1	33.28	31	38.75		

M-13. (C) City of Wichita. NW NE sec. 17, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 245 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 8.27 below lsd, Aug. 21, 1939; lowest 75.00 below lsd, Aug. 1, 31, Nov. 1, 1962. Records available: 1939-62.

Jan. 2	29.00	May 1	28.00	Oct. 1	74.00
Feb. 1	28.00	July 2	28.00	Nov. 1	75.00
Mar. 1	29.00	Aug. 1	75.00	Dec. 3	27.50
Apr. 2	30.00	31	75.00		

M-13b. (C) City of Wichita. NW NE sec. 17, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 1	29.02	May 1	28.63	Aug. 31	28.97
Feb. 1	28.77	June 1	28.89	Oct. 1	28.20
Mar. 1	28.36	July 2	28.44	Nov. 1	28.29
Apr. 2	28.91	Aug. 1	28.72	Dec. 3	27.55

M-14r. (C) City of Wichita. NW NW sec. 16, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 204 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 28.00 below lsd, Oct. 1, Dec. 3, 1962; lowest 62.00 below lsd, Dec. 31, 1960. Records available: 1960-62.

Jan. 2	60.50	May 1	30.50	Oct. 1	28.00
Feb. 1	30.00	July 2	28.50	Nov. 1	28.50
Mar. 1	32.00	Aug. 1	29.00	Dec. 3	28.00
Apr. 2	30.00	31	30.00		

M-14b. (C) City of Wichita. SW SW sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 8.16 below lsd, May 13, 27, June 3, 1940; lowest 49.26 below lsd, July 1, 1958. Records available: 1939-62.

Jan. 2	30.06	May 1	29.40	Aug. 31	29.15
Feb. 1	29.62	June 1	29.37	Oct. 1	28.77
Mar. 1	29.05	July 2	29.02	Nov. 1	28.39
Apr. 2	28.96	Aug. 1	27.98	Dec. 3	28.23

M-15r. (C) City of Wichita. NW cor. SW sec. 16, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 244 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 24.00 below lsd, Aug. 31, 1962; lowest 52.00 below lsd, Dec. 1, 1960, Nov. 1, 1962. Records available: 1960-62.

Jan. 2	30.00	May 1	51.00	Aug. 31	24.00
Feb. 1	49.50	June 1	31.00	Oct. 1	50.50
Mar. 1	51.00	July 2	50.00	Nov. 1	52.00
Apr. 2	48.00	Aug. 1	49.00	Dec. 3	29.00

M-15b. (C) City of Wichita. SW NW sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 11.24 below lsd, Aug. 21, 1939; lowest 40.12 below lsd, Mar. 1, 1957. Records available: 1939-62.

Jan. 2	30.13	May 1	31.41	Aug. 31	29.85
Feb. 1	31.31	June 1	32.48	Oct. 1	30.81
Mar. 1	32.37	July 2	30.46	Nov. 1	31.39
Apr. 2	29.76	Aug. 1	30.27	Dec. 3	29.27

M-16. (C) City of Wichita. SE NE sec. 9, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 193 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	73.50	May 1	73.00	Aug. 31	74.00
Feb. 1	33.00	June 1	74.00	Oct. 1	36.00
Mar. 1	31.00	July 2	32.00	Nov. 1	39.00
Apr. 2	34.00	Aug. 1	71.00	Dec. 3	31.50

M-16b. (C) City of Wichita. SE NE sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 62 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 2	37.62	May 1	36.02	Aug. 31	37.58
Feb. 1	32.41	June 1	36.90	Oct. 1	29.82
Mar. 1	30.22	July 2	31.14	Nov. 1	30.15
Apr. 2	32.96	Aug. 1	34.22	Dec. 3	31.20

M-17. (C) City of Wichita. SE SE sec. 9, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 193 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 10.71 below lsd, Aug. 21, 1939; lowest 96.00 below lsd, Apr. 2, 1962. Records available: 1939-62.

Jan. 2	32.00	May 1	32.00	Aug. 31	31.00
Feb. 1	95.00	June 1	31.50	Oct. 1	29.00
Mar. 1	29.50	July 2	95.50	Nov. 1	28.00
Apr. 2	96.00	Aug. 1	29.50	Dec. 3	92.00

M-17b. (C) City of Wichita. SE SE sec. 9, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 56 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 11.02 below lsd, May 27, 1940; lowest 38.28 below lsd, May 31, 1957. Records available: 1939-62.

Jan. 2	29.46	May 1	29.23	Aug. 31	29.05
Feb. 1	28.52	June 1	29.61	Oct. 1	28.12
Mar. 1	28.88	July 2	28.58	Nov. 1	28.05
Apr. 2	29.30	Aug. 1	28.27	Dec. 3	28.22

M-18. (C) City of Wichita. NE SE sec. 16, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 186 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 6.58 below lsd, Aug. 21, 1939; lowest 68.50 below lsd, Nov. 1, 1962. Records available: 1939-62.

Jan. 2	23.00	May 1	23.50	Aug. 31	66.50
Feb. 1	23.00	June 1	22.50	Oct. 1	67.00
Mar. 1	23.50	July 2	21.00	Nov. 1	68.50
Apr. 2	24.00	Aug. 1	65.00	Dec. 3	22.00

M-18b. (C) City of Wichita. NE SE sec. 16, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 2	20.13	May 1	20.92	Aug. 31	19.33
Feb. 1	20.24	June 1	20.75	Oct. 1	19.54
Mar. 1	20.51	July 2	18.46	Nov. 1	19.35
Apr. 2	19.78	Aug. 1	18.84	Dec. 3	19.45

M-19. (C) City of Wichita. SE SW sec. 22, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 158 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	26.00	May 1	59.00	Aug. 31	24.00
Feb. 1	61.50	June 1	64.00	Oct. 1	25.00
Mar. 1	26.00	July 2	25.50	Nov. 1	65.00
Apr. 2	27.50	Aug. 1	25.00	Dec. 3	26.00

M-19b. (C) City of Wichita. SE SW sec. 22, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 63 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 9.38 below lsd, Aug. 21, 1939; lowest 37.58 below lsd, May 1, 1957. Records available: 1939-62.

Jan. 2	24.21	May 1	26.32	Aug. 31	23.27
Feb. 1	30.59	June 1	30.80	Oct. 1	24.00
Mar. 1	24.82	July 2	24.61	Nov. 1	30.00
Apr. 2	25.44	Aug. 1	23.91	Dec. 3	24.24

M-20. (C) City of Wichita. NE NE sec. 27, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 145 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	24.00	May 1	24.00	Aug. 31	50.00
Feb. 1	24.00	June 1	24.00	Oct. 1	22.00
Mar. 1	26.00	July 2	24.00	Nov. 1	23.00
Apr. 2	50.00	Aug. 1	50.00	Dec. 3	50.00

M-20b. (C) City of Wichita. NE NE sec. 27, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 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: 1939-62.

Jan. 2	24.11	May 1	24.84	Aug. 31	24.53
Feb. 1	24.61	June 1	25.33	Oct. 1	23.85
Mar. 1	24.70	July 2	24.45	Nov. 1	23.89
Apr. 2	25.11	Aug. 1	24.51	Dec. 3	24.95

M-21. (C) City of Wichita. SW SW sec. 26, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 80 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 8.32 below lsd, Aug. 21, 1939; lowest 65.00 below lsd, Oct. 31, 1958. Records available: 1939-62.

Jan. 2	31.26	May 1	32.50	Aug. 31	30.50
Feb. 1	22.37	June 1	24.50	Oct. 1	30.00
Mar. 1	23.50	July 2	22.50	Nov. 1	31.00
Apr. 2	23.50	Aug. 1	22.00	Dec. 3	22.00

M-21b. (C) City of Wichita. SW SW sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 8.08 below lsd, Aug. 21, 1939; lowest 31.65 below lsd, May 1, 1957. Records available: 1939-62.

Jan. 2	23.37	May 1	23.38	Aug. 31	22.73
Feb. 1	21.46	June 1	22.60	Oct. 1	22.23
Mar. 1	21.36	July 2	21.48	Nov. 1	22.27
Apr. 2	21.81	Aug. 1	21.29	Dec. 3	20.76

M-22r. (C) City of Wichita. SW SW SE sec. 26, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 188 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 21.00 below lsd, Nov. 1, 1962; lowest 86.00 below lsd, Dec. 1, 1960. Records available: 1960-62.

Jan. 2	22.00	May 1	24.00	Aug. 31	22.00
Feb. 1	83.50	June 1	85.00	Oct. 1	21.50
Mar. 1	84.00	July 2	83.50	Nov. 1	21.00
Apr. 2	84.00	Aug. 1	23.00	Dec. 3	84.00

M-22b. (C) City of Wichita. SE SW sec. 26, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 50 feet. Measuring point, top of pipe, 0.90 foot above lsd. Highest water level 9.28 below lsd, Aug. 21, 1939; lowest 34.04 below lsd, Aug. 1, 1957. Records available: 1939-62.

Jan. 1	22.77	May 1	22.96	Aug. 31	22.22
Feb. 1	22.76	June 1	23.35	Oct. 1	22.12
Mar. 1	22.70	July 2	22.52	Nov. 1	21.90
Apr. 2	22.81	Aug. 1	22.27	Dec. 3	21.94

M-23. (C) City of Wichita. SE NE sec. 35, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 205 feet. Measuring point, top of casing, 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: 1939-62.

Jan. 2	19.00	May 1	20.50	Aug. 31	54.00
Feb. 1	20.00	June 1	56.00	Oct. 1	20.00
Mar. 1	19.00	July 2	22.00	Nov. 1	20.00
Apr. 2	19.00	Aug. 1	55.00	Dec. 3	56.00

M-23b. (C) City of Wichita. SE NE sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 1.10 feet above lsd. Highest water level 7.50 below lsd, Aug. 21, 1939; lowest 32.71 below lsd, May 1, 1957. Records available: 1939-62.

Jan. 2	19.09	May 1	20.00	Aug. 31	19.93
Feb. 1	20.40	June 1	20.76	Oct. 1	19.24
Mar. 1	19.59	July 2	19.70	Nov. 1	18.94
Apr. 2	19.65	Aug. 1	20.00	Dec. 3	19.46

M-24. (C) City of Wichita. SE SE sec. 35, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 97 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 8.71 below lsd, Aug. 21, 1939; lowest 64.50 below lsd, Mar. 1, 1957. Records available: 1939-62.

Jan. 2	19.00	May 1	21.00	Aug. 31	20.00
Feb. 1	20.00	June 1	22.00	Oct. 1	20.00
Mar. 1	42.00	July 2	42.00	Nov. 1	45.00
Apr. 2	21.00	Aug. 1	20.00	Dec. 3	22.00

M-24b. (C) City of Wichita. SE SE sec. 35, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 11.17 below lsd, Aug. 28, 1939; lowest 37.05 below lsd, May 1, 1957. Records available: 1939-62.

Jan. 2	21.84	May 1	22.69	Aug. 31	22.54
Feb. 1	22.10	June 1	23.85	Oct. 1	22.20
Mar. 1	22.79	July 2	23.32	Nov. 1	23.21
Apr. 2	22.46	Aug. 1	22.57	Dec. 3	22.01

M-25. (C) City of Wichita. SW SE sec. 36, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 189 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 5.54 below lsd, Aug. 21, 1939; lowest 63.50 below lsd, Aug. 1, 1961. Records available: 1939-62.

Jan. 2	44.00	May 1	18.00	Aug. 31	46.00
Feb. 1	16.00	June 1	17.00	Oct. 1	16.00
Mar. 1	16.00	July 2	17.00	Nov. 1	15.00
Apr. 2	45.00	Aug. 1	44.00	Dec. 3	16.00

M-26. (C) City of Wichita. SW NW sec. 22, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 195 feet. Measuring point, top of casing, 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: 1949-62.

Jan. 2	23.00	May 1	24.00	Aug. 31	20.00
Feb. 1	23.00	June 1	22.00	Oct. 1	21.00
Mar. 1	23.00	July 2	67.50	Nov. 1	21.00
Apr. 2	23.00	Aug. 1	20.50	Dec. 3	22.00

M-26b. (C) City of Wichita. SW NW sec. 22, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 79 feet. Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 11.62 below lsd, July 7, 1948; lowest 31.14 below lsd, Apr. 1, 1957. Records available: 1947-62.

Jan. 2	20.81	May 1	22.00	Aug. 31	22.40
Feb. 1	21.29	June 1	21.60	Oct. 1	19.48
Mar. 1	21.29	July 2	19.78	Nov. 1	19.84
Apr. 2	21.28	Aug. 1	19.10	Dec. 3	20.27

M-41. (C) City of Wichita. NE NE sec. 11, T. 24 S., R. 3 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 236 feet. Measuring point, top of casing, 2.50 feet above lsd. Highest water level 21.50 below lsd, Mar. 1, 1961; lowest 129.24 below lsd, Nov. 2, 1959. Records available: 1958-62.

Jan. 2	35.50	May 1	35.50	Aug. 31	34.50
Feb. 1	27.50	June 1	123.50	Oct. 1	122.50
Mar. 1	125.50	July 2	24.50	Nov. 1	35.00
Apr. 2	27.50	Aug. 1	121.50	Dec. 3	34.50

M-41b. (C) City of Wichita. NE NE sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 11.60 below lsd, Nov. 1, 1958; lowest 13.85 below lsd, Sept. 30, 1960, Jan. 1, 1961. Records available: 1958-62.

Jan. 2	13.20	May 1	13.11	Aug. 31	13.07
Feb. 1	13.17	June 1	13.52	Oct. 1	12.90
Mar. 1	13.12	July 2	13.27	Nov. 1	12.70
Apr. 2	13.05	Aug. 1	13.18	Dec. 3	12.80

M-41d. (C) City of Wichita. NE cor. sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 223 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 17.63 below lsd, May 1, 1959; lowest 66.69 below lsd, Nov. 2, 1959. Records available: 1957-62.

Jan. 2	36.32	May 1	36.15	Aug. 31	35.94
Feb. 1	24.02	June 1	61.69	Oct. 1	60.55
Mar. 1	61.72	July 2	26.57	Nov. 1	35.71
Apr. 2	28.15	Aug. 1	59.20	Dec. 3	35.82

M-42. (C) City of Wichita. SE NE sec. 11, T. 24 S., R. 3 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 259 feet. Measuring point, top of casing, 3.00 feet above lsd. Highest water level 24.50 below lsd, Dec. 31, 1958; lowest 115.87 below lsd, Nov. 2, 1959. Records available: 1958-62.

Jan. 2	115.36	May 1	113.68	Aug. 31	113.50
Feb. 1	27.68	June 1	40.03	Oct. 1	38.63
Mar. 1	39.32	July 2	30.68	Nov. 1	114.49
Apr. 2	31.38	Aug. 1	36.90	Dec. 3	115.45

M-42b. (C) City of Wichita. SE NE sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 13.46 below lsd, Oct. 2, 1958; lowest 23.46 below lsd, Nov. 1, 1958. Records available: 1958-62.

Jan. 2	15.85	May 1	15.86	Aug. 31	16.28
Feb. 1	16.42	June 1	16.72	Oct. 1	16.03
Mar. 1	15.74	July 2	16.44	Nov. 1	15.47
Apr. 2	15.76	Aug. 1	16.37	Dec. 3	15.77

M-42d. (C) City of Wichita. SE NE sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 247 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 24.75 below lsd, Dec. 31, 1958; lowest 71.03 below lsd, Nov. 2, 1959. Records available: 1958-62.

Jan. 2	67.21	May 1	66.66	Aug. 31	66.46
Feb. 1	28.27	June 1	39.85	Oct. 1	38.52
Mar. 1	39.12	July 2	31.34	Nov. 1	66.68
Apr. 2	31.85	Aug. 1	36.64	Dec. 3	66.98

M-43. (C) City of Wichita. SE SE sec. 11, T. 24 S., R. 3 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 244 feet. Measuring point, top of casing, 3.00 feet above lsd. Highest water level 13.20 below lsd, Feb. 2, 1959; lowest 69.30 below lsd, July 1, 1960. Records available: 1958-62.

Jan. 2	17.36	May 1	19.09	Aug. 31	19.43
Feb. 1	67.69	June 1	18.47	Oct. 1	17.45
Mar. 1	16.17	July 2	68.39	Nov. 1	17.13
Apr. 2	17.22	Aug. 1	16.74	Dec. 3	17.32

M-43d. (C) City of Wichita. SE SE sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 235 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 21.33 below lsd, Nov. 1, 1958; lowest 52.23 below lsd, May 1, 1959. Records available: 1958-62.

Jan. 2	35.77	May 1	35.39	Aug. 31	34.69
Feb. 1	38.74	June 1	29.86	Oct. 1	28.96
Mar. 1	29.27	July 2	41.60	Nov. 1	35.05
Apr. 2	29.06	Aug. 1	27.08	Dec. 3	35.32

M-44. (C) City of Wichita. SW SE sec. 11, T. 24 S., R. 3 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 143 feet. Measuring point, top of casing, 3.00 feet above lsd. Highest water level 9.10 below lsd, Dec. 31, 1958; lowest 46.90 below lsd, Dec. 1, 1960. Records available: 1958-62.

Jan. 2	11.35	May 1	45.85	Aug. 31	46.11
Feb. 1	11.41	June 1	45.42	Oct. 1	46.12
Mar. 1	11.22	July 2	45.27	Nov. 1	10.94
Apr. 2	11.38	Aug. 1	45.19	Dec. 3	11.46

M-44b. (C) City of Wichita. SW SE sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 53 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 8.65 below lsd, Oct. 2, 1958; lowest 20.50 below lsd, Dec. 1, 1960. Records available: 1958-62.

Jan. 2	11.23	May 1	19.76	Aug. 31	19.58
Feb. 1	11.95	June 1	19.72	Oct. 1	19.69
Mar. 1	11.12	July 2	19.25	Nov. 1	10.80
Apr. 2	11.21	Aug. 1	19.46	Dec. 3	11.35

M-44d. (C) City of Wichita. SW SE sec. 11, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 144 feet. Measuring point, top of pipe, 0.70 foot above lsd. Highest water level 9.40 below lsd, Oct. 2, 1958; lowest 24.16 below lsd, Dec. 1, 1960. Records available: 1958-62.

Jan. 2	11.88	May 1	23.54	Aug. 31	23.35
Feb. 1	13.49	June 1	23.43	Oct. 1	23.39
Mar. 1	11.77	July 2	23.70	Nov. 1	11.43
Apr. 2	11.96	Aug. 1	23.14	Dec. 3	11.85

M-45. (C) City of Wichita. NE SE sec. 23, T. 24 S., R. 3 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 167 feet. Measuring point, top of casing, 3.00 feet above lsd. Highest water level 12.27 below lsd, Dec. 31, 1958; lowest 59.40 below lsd, July 2, 1962. Records available: 1958-62.

Jan. 2	15.03	May 1	15.33	Aug. 31	13.25
Feb. 1	57.24	June 1	59.00	Oct. 1	14.02
Mar. 1	17.11	July 2	59.40	Nov. 1	15.00
Apr. 2	15.09	Aug. 1	13.20	Dec. 3	17.30

M-45b. (C) City of Wichita. NE SE sec. 23, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 41 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 8.64 below lsd, Oct. 2, 1958; lowest 13.02 below lsd, Oct. 1, 1959. Records available: 1958-62.

Jan. 2	11.54	May 1	11.92	Aug. 31	10.82
Feb. 1	12.05	June 1	12.49	Oct. 1	10.75
Mar. 1	11.93	July 2	10.66	Nov. 1	11.09
Apr. 2	12.03	Aug. 1	10.15	Dec. 3	10.28

M-45d. (C) City of Wichita. NE SE sec. 23, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 152 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 14.08 below lsd, Oct. 2, 1958; lowest 42.27 below lsd, June 30, 1961. Records available: 1958-62.

Jan. 2	18.18	May 1	18.55	Aug. 31	17.25
Feb. 1	37.41	June 1	37.94	Oct. 1	16.94
Mar. 1	22.90	July 2	39.62	Nov. 1	18.34
Apr. 2	18.91	Aug. 1	16.38	Dec. 3	22.98

M-46. (C) City of Wichita. SE SE sec. 23, T. 24 S., R. 3 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 109 feet. Measuring point, top of casing, 3.00 feet above lsd. Highest water level 10.43 below lsd, Aug. 1, 1962; lowest 45.90 below lsd, Aug. 31, 1962. Records available: 1958-62.

Jan. 2	44.25	May 1	45.08	Aug. 31	45.90
Feb. 1	13.08	June 1	14.74	Oct. 1	12.06
Mar. 1	13.12	July 2	12.92	Nov. 1	43.71
Apr. 2	42.92	Aug. 1	10.43	Dec. 3	12.58

M-46b. (C) City of Wichita. SE SE sec. 23, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 50 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 9.80 below lsd, Oct. 2, 1958; lowest 15.76 below lsd, Sept. 1, 1959. Records available: 1958-62.

Jan. 2	14.30	May 1	14.57	Aug. 31	14.10
Feb. 1	12.82	June 1	13.52	Oct. 1	11.92
Mar. 1	12.72	July 2	11.76	Nov. 1	13.60
Apr. 2	14.98	Aug. 1	10.27	Dec. 3	12.35

M-46d. (C) City of Wichita. SE SE sec. 23, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 109 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 10.35 below lsd, Dec. 1, 1958; lowest 34.22 below lsd, July 1, 1959. Records available: 1958-62.

Jan. 2	29.32	May 1	29.80	Aug. 31	25.85
Feb. 1	23.36	June 1	21.12	Oct. 1	16.55
Mar. 1	23.47	July 2	23.79	Nov. 1	26.55
Apr. 2	29.32	Aug. 1	15.88	Dec. 3	24.70

M-47. (C) City of Wichita. SW SE sec. 24, T. 24 S., R. 3 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 146 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 17.63 below lsd, Feb. 2, 1959; lowest 77.70 below lsd, Dec. 31, 1959. Records available: 1958-62.

Jan. 2	18.95	May 1	19.30	Aug. 31	18.0†
Feb. 1	21.36	June 1	21.90	Oct. 1	71.61
Mar. 1	76.07	July 2	76.70	Nov. 1	18.74
Apr. 2	19.36	Aug. 1	70.07	Dec. 3	76.50

M-47b. (C) City of Wichita. SW SE sec. 24, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 46 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 10.85 below lsd, July 3, 1958; lowest 17.54 below lsd, Dec. 31, 1959. Records available: 1958-62.

Jan. 2	15.49	May 1	15.95	Aug. 31	14.70
Feb. 1	15.85	June 1	16.35	Oct. 1	14.77
Mar. 1	16.30	July 2	15.74	Nov. 1	14.70
Apr. 2	15.82	Aug. 1	14.54	Dec. 3	15.68

M-47d. (C) City of Wichita. SW SE sec. 24, T. 24 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 128 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 13.61 below lsd, Oct. 2, 1958; lowest 49.10 below lsd, July 2, 1962. Records available: 1958-62.

Jan. 2	15.79	May 1	16.82	Aug. 31	18.54
Feb. 1	16.28	June 1	21.96	Oct. 1	42.60
Mar. 1	23.07	July 2	49.10	Nov. 1	19.23
Apr. 2	16.50	Aug. 1	41.24	Dec. 3	48.69

M-48. (C) City of Wichita. NE SE sec. 28, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 256 feet. Measuring point, top of casing, 3.00 feet above lsd. Highest water level 24.30 below lsd, Dec. 31, 1958, Feb. 2, 1959; lowest 84.82 below lsd, July 1, 1960. Records available: 1958-62.

Jan. 2	25.52	May 1	84.22	Aug. 31	25.12
Feb. 1	27.70	June 1	26.12	Oct. 1	82.22
Mar. 1	25.52	July 2	83.11	Nov. 1	25.54
Apr. 2	27.56	Aug. 1	26.96	Dec. 3	27.13

M-48b. (C) City of Wichita. NE SE sec. 28, T. 24 S., R. 2 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 52 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 23.35 below lsd, Feb. 2, 1959; lowest 30.57 below lsd, Dec. 1, 1959. Records available: 1958-62.

Jan. 2	25.09	May 1	25.42	Aug. 31	24.69
Feb. 1	25.26	June 1	25.45	Oct. 1	24.65
Mar. 1	24.80	July 2	25.16	Nov. 1	24.69
Apr. 2	25.16	Aug. 1	25.00	Dec. 3	25.12

M-48d. (C) City of Wichita. NE SE sec. 28, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 243 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 24.82 below lsd, May 23, 1958; lowest 51.81 below lsd, July 2, 1962. Records available: 1958-62.

Jan. 2	28.78	May 1	48.33	Aug. 31	28.8†
Feb. 1	30.42	June 1	29.8†	Oct. 1	49.86
Mar. 1	28.70	July 2	51.81	Nov. 1	29.44
Apr. 2	30.78	Aug. 1	30.58	Dec. 3	30.75

M-49. (C) City of Wichita. SE SE sec. 28, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 249 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 24.20 below lsd, July 3, 1958; lowest 60.24 below lsd, Apr. 1, 1960. Records available: 1958-62.

Jan. 2	26.00	May 1	28.24	Aug. 31	26.78
Feb. 1	59.45	June 1	27.64	Oct. 1	27.13
Mar. 1	27.06	July 2	27.59	Nov. 1	27.04
Apr. 2	59.65	Aug. 1	59.10	Dec. 3	60.23

M-49b. (C) City of Wichita. SE SE sec. 28, T. 24 S., R. 2 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 50 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 21.40 below lsd, Dec. 31, 1958; lowest 28.45 below lsd, Dec. 1, 1958. Records available: 1958-62.

Jan. 2	23.07	May 1	23.41	Aug. 31	22.79
Feb. 1	23.55	June 1	23.63	Oct. 1	22.86
Mar. 1	23.26	July 2	23.00	Nov. 1	22.94
Apr. 2	23.64	Aug. 1	22.98	Dec. 3	23.25

M-49d. (C) City of Wichita. SE SE sec. 28, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 245 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 23.58 below lsd, Nov. 1, 1958; lowest 40.74 below lsd, Sept. 1, 1959. Records available: 1958-62.

Jan. 2	26.65	May 1	27.90	Aug. 31	26.46
Feb. 1	39.16	June 1	27.20	Oct. 1	26.73
Mar. 1	26.65	July 2	27.25	Nov. 1	26.77
Apr. 2	39.20	Aug. 1	38.62	Dec. 3	39.23

M-50. (C) City of Wichita. SW SE sec. 28, T. 24 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 250 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 24.31 below lsd, Dec. 31, 1958; lowest 81.20 below lsd, Nov. 1, 1962. Records available: 1958-62.

Jan. 2	79.07	May 1	27.00	Aug. 31	80.00
Feb. 1	27.62	June 1	79.64	Oct. 1	27.28
Mar. 1	78.88	July 2	26.41	Nov. 1	81.20
Apr. 2	26.70	Aug. 1	27.20	Dec. 3	27.67

M-50b. (C) City of Wichita. SW SE sec. 28, T. 24 S., R. 2 W. Bored observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 60 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 21.14 below lsd, Feb. 2, 1959; lowest 26.84 below lsd, May 2, 1960. Records available: 1958-62.

Jan. 2	24.68	May 1	23.58	Aug. 31	24.67
Feb. 1	23.95	June 1	25.36	Oct. 1	23.50
Mar. 1	24.70	July 2	23.11	Nov. 1	24.95
Apr. 2	23.96	Aug. 1	23.59	Dec. 3	23.90

M-50d. (C) City of Wichita. SW SE sec. 28, T. 24 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 243 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 18.65 below lsd, Jan. 23, 1958; lowest 37.16 below lsd, May 2, 1960. Records available: 1958-62.

Jan. 2	35.44	May 1	24.93	Aug. 31	25.29
Feb. 1	26.60	June 1	36.06	Oct. 1	25.15
Mar. 1	35.31	July 2	24.26	Dec. 3	26.50
Apr. 2	26.58	Aug. 1	26.00		

HASKELL COUNTY

28-32-18bb. (C) Lawrence Meairs. Drilled irrigation water-table well in Ogallala Formation, diameter 16 inches, depth 438 feet. Measuring point, south outside edge of sloping pipe, 1.10 feet above lsd. Highest water level 192.35 below lsd, Nov. 21, 1958; lowest 194.10 below lsd, May 14, 1959. Records available: 1958-60. Measurement discontinued.

28-32-25cb. (C) Owner unknown. Drilled unused well in Ogallala Formation, diameter 4 inches, depth 200 feet. Measuring point since July 18, 1961, ½-inch hole west side of well cover plate, 0.80 foot above lsd. Highest water level 182.08 below lsd, Feb. 12, 1958; lowest 185.13 below lsd, Aug. 22, 1960. Records available: 1956-62. Apr. 2, 183.56; July 11, 183.80.

28-33-22cd. (C) J. C. Barbee. Drilled abandoned stock well in Ogallala Formation, diameter 4 inches, depth 233 feet. Measuring point, top of steel plate through hole in southwest side, 1.30 feet above lsd. Highest water level 214.78 below lsd, Nov. 13, 1956; lowest 223.43 below lsd, Oct. 2, 1962. Records avail-

able: 1956-62. Jan. 17, 220.65; Apr. 2, 220.78; July 11, 221.09; Oct. 2, 223.43.

28-34-26aa. (Reported previously as 27-34-26aa.) (C) Frank Frey. Drilled irrigation artesian well in deposits of Pliocene age, diameter 16 inches, depth 365 feet. Measuring point, top hole in north side of steel pump base, 1.50 feet above lsd. Highest water level 185.50 below lsd, Apr. 15, 1959; lowest 186.95 below lsd, Sept. 30, 1958. Records available: 1948-60. Measurement discontinued.

29-32-26cb2. (C) Kelly McClure. Drilled irrigation well in Ogallala Formation, diameter 16 inches, depth 384 feet. Measuring point, 0.70 foot above lsd. Highest water level 199.16 below lsd, Jan. 6, 1961; lowest 202.46 below lsd, July 11, 1962. Records available: 1960-62. Jan. 17, 199.48; Apr. 2, 199.42; July 11, 202.46; Oct. 9, 200.24.

29-34-2ba. (C) C. M. Light. Drilled irrigation water-table well in deposits of Pliocene age, diameter 16 inches, depth 350 feet. Measuring point, top hole in southeast side steel pump base, 1.50 feet above lsd. Highest water level 197.85 below lsd, Jan. 26, 1959; lowest 203.88 below lsd, Sept. 16, 1959. Records available: 1958-60. Measurement discontinued.

30-32-11bb. (C) Virgil Watson. Drilled irrigation water-table well in Ogallala Formation and deposits of Pleistocene age, diameter 16 inches, depth 412 feet. Measuring point, edge of leaning 1½-inch pipe on east side of pump head base, 0.70 foot above lsd. Highest water level 195.39 below lsd, Apr. 2, 1962; lowest 196.25 below lsd, Oct. 3, 1961. Records available: 1961-62. 1961: Oct. 3, 196.25. 1962: Jan. 17, 195.77; Apr. 2, 195.39.

HODGEMAN COUNTY

3a. (C) Harold McFadden. SW NW sec. 12, T. 21 S., R. 2 W. Bored irrigation water-table well in alluvium, diameter 16 inches, depth 72 feet. Measuring point, hole on inside of northwest corner pump base, 1.74 feet above lsd. Highest water level 28.10 below lsd, Apr. 17, 1962; lowest 31.48 below lsd, Jan. 16, 1961. Records available: 1960-62. Jan. 17, 28.15; Apr. 17, 28.10; July 17, 28.39; Oct. 25, 29.92.

22-22-13cc. (C) Bill Macey. Dug and drilled irrigation water-table well in alluvium, diameter 60 to 20 inches, depth 50 feet. Measuring point, top of steel channel sill, 1.00 foot above lsd. Highest water level 13.81 below lsd, July 16, 1951; lowest 27.47 below lsd, Nov. 28, 1940. Records available: 1940-55, 1957-62. Jan. 17, 22.59; Apr. 17, 22.72; July 17, 23.16; Oct. 25, 21.46.

24-26-35cb. (C) A. C. Jemes. Drilled stock water-table well in Ogallala Formation, diameter 5½ inches, depth 86 feet. Measuring point, top north side of casing, 0.60 foot above lsd. Highest water level 63.50 below lsd, Jan. 17, 1961; lowest 65.29 below lsd, Oct. 22, 1956. Records available: 1954-62. Apr. 19, 64.36; July 17, 64.38; Oct. 24, 63.75.

JACKSON COUNTY

7-15-3ca. (C) Fred Shafer. Drilled unused water-table well in alluvium, diameter 6 inches, depth 17 feet. Measuring point, top south side of casing, 0.40 foot above lsd. Highest water level 5.79 below lsd, Apr. 13, 1957; lowest 9.70 below lsd, Oct. 27, 1956. Records available: 1948-52, 1956-57, 1960-62. Mar. 14, 5.92; July 27, 6.40; Sept. 18, 6.20.

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,

southeast corner cement block box, 2.50 feet above lsd. Highest water level 2.84 below lsd, Sept. 27, 1951; lowest 15.04 below lsd, Oct. 27, 1956. Records available: 1948-52; 1956-57; 1960-62. Mar. 14, 5.53. Well destroyed.

JEFFERSON COUNTY

11-18-21cbd. (C) Division of Water Resources. Driven observation well in alluvium, diameter $\frac{3}{4}$ inch, depth 25 feet. Measuring point, top of pipe, 4.00 feet above lsd. Highest water level 4.92 below lsd, Sept. 27, 1962; lowest 9.68 below lsd, Mar. 1, 1961. Records available: 1959-62.

Jan. 2	6.58	May 1	5.77	Sept. 4	5.31
Feb. 1	6.01	June 5	5.67	27	4.92
Mar. 9	5.45	July 2	5.80	Nov. 1	5.23
Apr. 2	5.45	31	5.32	30	5.96

11-19-27bcc. (C) Buck Creek School. Bored observation well in Pleistocene terrace deposits, diameter 2 to $1\frac{1}{4}$ inches, depth 57 feet. Measuring point, top of $1\frac{1}{4}$ -inch galvanized iron pipe, 1.00 foot above lsd. Highest water level 23.75 below lsd, Sept. 18, 1962; lowest 27.82 below lsd, July 5, 1961. Records available: 1961-62. Mar. 14, 24.50; July 27, 24.89; Sept. 18, 23.75.

JEWELL COUNTY

12. (C) M. W. Howe. Lot 4, sec. 30, T. 3 S., R. 9 W. Dug unused water-table well in Niobrara Chalk, diameter 36 inches, depth 88 feet, cribbed with brick. Measuring point, top of wooden platform, 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, 1957. No measurement made in 1962.

45. (C) Victor Yapp. NE SW 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, 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 1962.

65. (C) Mrs. B. M. Parkhurst. SE SE 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, 1.90 feet above lsd. Highest water level 8.12 below lsd, Nov. 25, 1961; lowest 38.10 below lsd, Aug. 20, 1940. Records available: 1939-55, 1957-58, 1961. No measurement made in 1962.

69. (C) Walter Dietz. NW lot 2, sec. 7, T. 5 S., R. 9 W. Drilled unused water-table well in alluvium, 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, 1958. No measurement made in 1962.

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, 1.90 feet above lsd. Highest water level 10.30 below lsd, May 25, 1961; lowest 17.15 below lsd, Mar. 13, 1957. Records available: 1953-62.

Feb. 13	13.00	July 17	12.00	Sept. 13	12.00
Mar. 7	13.30	Aug. 16	11.20	Nov. 21	12.10
May 16	13.40				

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, 0.80 foot above lsd. Highest water level 21.30 below lsd, Aug. 31, 1960; lowest 33.16 below lsd, Mar. 3, 1955. Records available: 1953-62.

Feb. 13	25.50	July 17	24.40	Sept. 13	22.10
Mar. 7	25.70	Aug. 16	22.90	Nov. 21	22.50
May 16	26.00				

1-6-5dd2. (MB) U.S.B.R. Jetted observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 16.80 below lsd, Oct. 15, 1960; lowest 25.40 below lsd, Mar. 15, 1961. Records available: 1960-62.

Feb. 13	23.30	July 17	23.20	Sept. 13	20.90
Mar. 7	23.20	Aug. 16	20.30	Nov. 21	21.50
May 16	23.70				

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, 1.70 feet above lsd. Highest water level 11.20 below lsd, Sept. 20, 1961, Nov. 21, 1962; lowest 15.40 below lsd, Mar. 13, 1957. Records available: 1953-62.

Feb. 13	12.00	July 17	11.70	Sept. 13	11.50
Mar. 7	11.80	Aug. 16	11.70	Nov. 21	11.20
May 16	11.80				

1-6-6bc. (MB) U.S.G.S. Jetted observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, 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: 1950-62.

Feb. 13	7.60	July 17	5.60	Sept. 13	6.40
Mar. 7	7.90	Aug. 16	5.50	Nov. 21	6.80
May 16	7.40				

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, 2.10 feet above lsd. Highest water level 5.20 below lsd, Nov. 21, 1962; lowest 11.04 below lsd, May 24, 1956. Records available: 1953-62.

Feb. 13	7.40	July 17	6.10	Sept. 13	6.00
Mar. 7	7.10	Aug. 16	5.70	Nov. 21	5.20
May 16	7.50				

1-6-6cc. (MB) U.S.G.S. Jetted observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 39 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 15.80 below lsd, Oct. 15, 1960; lowest 28.04 below lsd, June 30, 1950. Records available: 1950-62.

Feb. 13	19.10	July 17	17.10	Sept. 13	17.90
Mar. 7	18.90	Aug. 16	16.90	Nov. 21	18.10
May 16	19.20				

1-6-6da1. (MB) U.S.G.S. Jetted observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 27 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 11.30 below lsd, Sept. 13, 1962; lowest 19.58 below lsd, Sept. 26, 1956. Records available: 1950-62.

Feb. 13	14.00	July 17	13.20	Sept. 13	11.30
Mar. 7	14.30	Aug. 16	12.50	Nov. 21	12.90
May 16	14.50				

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, 2.70 feet above lsd. Highest water level 11.50 below lsd, Sept. 13, 1962; lowest 22.23 below lsd, June 9, 1955. Records available: 1953-62.

Feb. 13	14.70	July 17	14.00	Sept. 13	11.50
Mar. 7	14.90	Aug. 16	12.00	Nov. 21	12.50
May 16	12.10				

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, 1.80 feet above lsd. Highest water level 8.40 below lsd, Sept. 20, 1961; lowest 15.13 below lsd, Mar. 13, 1957. Records available: 1953-62.

Feb. 13	10.40	July 17	8.90	Sept. 13	8.70
Mar. 7	10.30	Aug. 16	8.60	Nov. 21	9.40
May 16	11.40				

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, 1.00 foot above lsd. Highest water level 14.50 below lsd, May 25, 1961; lowest 27.56 below lsd, June 9, 1955. Records available: 1953-62.

Feb. 13	18.60	July 17	18.70	Sept. 13	16.00
Mar. 7	18.90	Aug. 16	17.20	Nov. 21	16.80
May 16	19.60				

1-6-14da. (MB) U.S.B.R. Drilled observation water-table well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 80 feet. Measuring point, top of pipe, 2.40 feet above lsd. Highest water level 56.02 below lsd, Nov. 7, 1962; lowest 61.72 below lsd, Feb. 24, 1959. Records available: 1955-62.

Jan. 11	57.68	May 2	57.30	Sept. 17	56.45
Feb. 8	57.60	June 12	57.17	Oct. 10	56.23
Mar. 6	57.48	July 24	56.96	Nov. 7	56.02
Apr. 4	57.35	Aug. 14	56.80		

1-6-23ad. (MB) U.S.B.R. Drilled observation water-table well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 71 feet. Measuring point, top of pipe, 2.40 feet above lsd. Highest water level 40.50 below lsd, Aug. 14, 1962; lowest 56.50 below lsd, Mar. 28, 1956. Records available: 1955-62.

Jan. 11	45.17	May 2	44.82	Sept. 17	40.93
Feb. 8	45.40	June 12	43.66	Oct. 10	41.52
Mar. 6	45.68	July 24	42.30	Nov. 7	42.08
Apr. 4	45.71	Aug. 14	40.50		

1-6-25bb. (MB) U.S.B.R. Drilled observation water-table well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 65 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 33.36 below lsd, Aug. 14, 1962; lowest 51.00 below lsd, May 3, 1956. Records available: 1955-62.

Jan. 11	38.76	May 2	39.56	Sept. 17	34.90
Feb. 8	38.88	June 12	38.49	Oct. 10	35.61
Mar. 6	39.33	July 24	36.95	Nov. 7	36.00
Apr. 4	39.33	Aug. 14	33.36		

1-6-25bc. (MB) U.S.B.R. Drilled observation water-table well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 70 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 15.49 below lsd, Nov. 7, 1962; lowest 44.77 below lsd, Sept. 1, 1955. Records available: 1955-62.

Jan. 10	16.58	May 2	16.87	Sept. 17	15.92
Feb. 8	16.15	June 12	16.45	Oct. 10	15.64
Mar. 6	16.57	July 24	16.14	Nov. 7	15.49
Apr. 4	16.24	Aug. 14	15.94		

1-6-25cc. (MB) U.S.B.R. Drilled observation water-table well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 60 feet. Measuring point, top of pipe, 1.40 feet above lsd. Highest water level 9.30 below lsd, Aug. 14, 1962; lowest 42.47 below lsd, Sept. 1, 1955. Records available: 1955-62.

Jan. 10	12.16	May 2	12.60	Sept. 17	9.45
Feb. 8	12.28	June 12	12.28	Oct. 10	9.82
Mar. 6	12.86	July 24	11.95	Nov. 7	10.14
Apr. 4	12.48	Aug. 14	9.30		

1-6-25ddd. (MB) U.S.B.R. Drilled observation water-table well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 75 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 5.23 below lsd, Nov. 7, 1962; lowest 34.33 below lsd, Sept. 1, 1955. Records available: 1955-56, 1958-62.

Jan. 11	6.52	May 2	7.06	Sept. 17	5.70
Feb. 8	6.75	June 12	6.45	Oct. 11	5.32
Mar. 6	6.96	July 24	6.40	Nov. 7	5.23
Apr. 4	6.44	Aug. 14	5.44		

1-6-34ddd. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 66 feet. Measuring point, top of pipe, 1.60 feet above lsd. Highest water level 10.58 below lsd, Aug. 14, 1962; lowest 40.20 below lsd, Dec. 20, 1955. Records available: 1955-57, 1959, 1962.

Jan. 10	17.88	May 1	18.80	Sept. 5	11.30
Feb. 7	18.10	June 11	16.10	Oct. 9	13.74
Mar. 5	18.62	July 17	13.54	Nov. 5	14.55
Apr. 4	18.28	Aug. 14	10.58		

1-6-35ba. (MB) U.S.B.R. Drilled and jetted well in deposits of Pleistocene age, diameter 1¼ inches, depth 62 feet. Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 22.13 below lsd, Nov. 2, 1962; lowest 46.73 below lsd, Sept. 1, 1955. Records available: 1955-57, 1959-62.

Jan. 10	23.02	May 1	22.65	Sept. 5	23.22
Feb. 7	22.73	June 11	22.85	Oct. 9	22.43
Mar. 5	22.95	July 17	22.98	Nov. 2	22.13
Apr. 4	22.46	Aug. 14	22.99		

1-7-1bb. (MB) U.S.G.S. Driven well in alluvium, diameter 1¼ inches, depth 16 feet. Measuring point, top of pipe, 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: 1947-62.

Feb. 13	9.00	July 17	6.80	Sept. 13	7.30
Mar. 7	8.70	Aug. 16	6.20	Nov. 21	10.50
May 16	8.90				

1-7-1db. (MB) U.S.B.R. Drilled well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, 1.70 feet above lsd. Highest water level 5.40 below lsd, July 16, 1957; lowest 10.73 below lsd, Mar. 29, 1954. Records available: 1953-62.

Feb. 13	7.50	July 17	6.00	Sept. 13	5.90
Mar. 7	7.80	Aug. 16	5.90	Nov. 21	6.30
May 16	7.80				

1-7-1dc. (MB) U.S.B.R. Drilled well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 1.85 below lsd, May 1, 1959; lowest 12.02 below lsd, Sept. 25, 1953. Records available: 1953-62.

Feb. 13	3.40	July 17	4.20	Sept. 13	5.10
Mar. 7	4.40	Aug. 16	5.50	Nov. 21	2.80
May 16	4.90				

1-7-2da. (MB) U.S.G.S. Driven well in alluvium, diameter 1¼ inches, depth 13 feet. Measuring point, top of pipe, 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: 1947-62.

Feb. 13	4.60	July 17	2.60	Sept. 13	3.20
Mar. 7	4.60	Aug. 16	2.90	Nov. 21	5.60
May 16	4.50				

1-7-4ad. (MB) U.S.B.R. Driven well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 1.80 below lsd, Feb. 15, 1956, Feb. 13, 1962; lowest 6.91 below lsd, Aug. 17, 1954. Records available: 1953-62. Feb. 13, 1.80; May 16, 2.80.

1-7-4ba. (MB) U.S.B.R. Driven well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 8.50 below lsd, Oct. 15, 1960; lowest 14.20 below lsd, Feb. 3, 1954. Records available: 1953-61. No measurement made in 1962.

2-6-2dd. (MB) U.S.B.R. Jetted well in deposits of Pleistocene age, diameter 1¼ inches, depth 66 feet.

Measuring point, top of pipe, 1.30 feet above lsd. Highest water level 17.64 below lsd, Sept. 17, 1962; lowest 40.09 below lsd, June 7, 1956. Records available: 1955-62.

Jan. 10	25.23	May 1	25.49	Sept. 17	17.64
Feb. 7	25.22	June 11	26.04	Oct. 9	20.98
Mar. 5	25.57	July 24	26.25	Nov. 5	21.99
Apr. 4	25.32	Aug. 14	18.19		

2-6-3db. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter 1¼ inches, depth 54 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 13.68 below lsd, Aug. 14, 1962; lowest 38.45 below lsd, May 3, 1956. Records available: 1955-62.

Jan. 10	27.50	May 1	28.18	Sept. 5	15.66
Feb. 7	27.65	June 11	22.40	Oct. 9	23.06
Mar. 5	28.10	July 24	15.77	Nov. 5	24.26
Apr. 4	27.74	Aug. 14	13.68		

2-6-4cd. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter 1¼ inches, depth 28 feet. Measuring point, top of pipe, 2.00 feet above present land surface (1.3 feet below original land surface datum). Highest water level 9.39 below lsd, Oct. 9, 1962; lowest 21.68 below lsd, Sept. 1, 1955. Records available: 1955-59, 1961-62.

Jan. 9	10.30	May 1	10.78	Sept. 5	9.63
Feb. 7	10.43	June 11	10.43	Oct. 9	9.39
Mar. 5	10.73	July 17	9.92	Nov. 2	9.52
Apr. 4	10.55	Aug. 14	9.76		

2-6-4dd. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, 2.80 feet above lsd. Highest water level 18.26 below lsd, Aug. 14, 1962; lowest 36.00 below lsd, Dec. 20, 1955. Records available: 1955-62.

Jan. 9	21.90	May 1	22.40	Sept. 5	18.31
Feb. 7	21.97	June 11	21.80	Oct. 9	18.90
Mar. 5	22.20	July 17	20.20	Nov. 2	19.08
Apr. 4	21.95	Aug. 14	18.26		

2-6-8aa. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter 1¼ inches, depth 27 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 13.36 below lsd, Nov. 2, 1962; lowest dry, Feb. 21, 1957. Records available: 1955-62.

Jan. 9	14.53	May 1	14.76	Sept. 5	13.74
Feb. 7	14.50	June 11	14.56	Oct. 9	13.46
Mar. 5	14.65	July 17	13.46	Nov. 2	13.36
Apr. 4	14.35	Aug. 14	13.79		

2-6-9bd. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 27.87 below lsd, Dec. 21, 1961; lowest dry, Jan. 4, 1958. Records available: 1955-61. No measurement made in 1962.

2-6-10cb. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter 1¼ inches, depth 56 feet.

Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 19.90 below lsd, Sept. 5, 1962; lowest 37.76 below lsd, July 11, 1956. Records available: 1955-62.

Jan. 15	24.79	May 1	24.69	Sept. 5	19.90
Feb. 7	24.26	June 11	24.80	Oct. 9	21.19
Mar. 5	24.82	July 17	24.43	Nov. 2	21.49
Apr. 4	24.40	Aug. 14	22.00		

2-6-11da2. (MB) U.S.B.R. Drilled well in deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 14.76 below lsd, Oct. 9, 1962; lowest 20.80 below lsd, June 7, 1956. Records available: 1955-62.

Jan. 10	15.35	May 1	15.87	Sept. 17	14.96
Feb. 7	15.47	June 11	15.90	Oct. 9	14.76
Mar. 5	15.70	July 24	16.33	Nov. 5	14.97
Apr. 4	15.22	Aug. 14	15.20		

JOHNSON COUNTY

11-23-33b. (C) U.S.G.S. and K.G.S. Bored water-table observation well in alluvium, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 3.6 feet above lsd. Highest water level 17.50 below lsd, Mar. 29, 1962; lowest 20.09 below lsd, May 11, 1961. Records available: 1961-62. Mar. 29, 17.50; July 31, 18.58; Nov. 5, 18.64.

11-23-33bba. (C) U.S.G.S. and K.G.S. Bored water-table observation well in alluvium, diameter 1¼ inches, depth 38 feet. Measuring point, top of pipe, 3.8 feet above lsd. Highest water level 17.93 below lsd, May 24, 1961; lowest 24.40 below lsd, Nov. 5, 1962. Records available: 1961-62. Mar. 29, 20.00; July 31, 22.65; Nov. 5, 24.40.

11-23-33bdd. (C) U.S.G.S. and K.G.S. Bored water-table observation well in alluvium, diameter 1¼ inches, depth 39 feet. Measuring point, top of pipe, 3.6 feet above lsd. Highest water level 20.17 below lsd, Mar. 29, 1962; lowest 23.83 below lsd, May 11, 1961. Records available: 1961-62. Mar. 29, 20.17; July 31, 21.40; Nov. 5, 22.73.

12-22-25bcc. (C) U.S.G.S. Bored water-table observation well in alluvium, diameter 1¼ inches, depth 33 feet. Measuring point, top of pipe, 1.8 feet above lsd. Highest water level 14.93 below lsd, Mar. 29, 1962; lowest 18.35 below lsd, Nov. 5, 1962. Records available: 1961-62. Mar. 29, 14.93; July 31, 16.34; Nov. 5, 18.35.

KEARNY COUNTY

13a. (C) Kearny County. NW NE sec. 15, T. 25 S., R. 37 W. Driven and bored observation well in alluvium, diameter 1¼ inches, depth (remeasured 1962) 10 feet. Measuring point, top west side of pipe, 2.20 feet above lsd. Highest water level 7.39 below lsd, May 28, 1954; lowest 9.66 below lsd, July 20, 1961. Records available: 1953-62.

Jan. 25	8.68	June 14	7.95	Oct. 11	9.26
Feb. 21	8.70	July 12	8.22	Nov. 15	9.29
Mar. 22	8.38	Aug. 15	8.70	Dec. 13	9.43
May 24	8.24	Sept. 5	9.00		

13b. (C) Carl Marquardt. NW NE sec. 15, T. 25 S., R. 37 W. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 29 feet. Measuring point, top of pipe, 5.00 feet above lsd. Highest water level 8.06 below lsd, June 14, 1962; lowest 9.53 below lsd, Dec. 13, 1962. Records available: 1960-62.

1960		1961		1962	
Nov. 19	9.32	Aug. 24	8.95	Apr. 26	8.33
Dec. 29	9.00	Sept. 21	9.12	May 24	8.21
1961		Oct. 19	9.27	June 14	8.06
Jan. 11	8.88	Nov. 20	8.73	July 12	8.30
Feb. 23	8.75	Dec. 21	8.68	Aug. 15	8.73
Mar. 23	8.62	1962		Sept. 5	9.10
Apr. 20	8.78	Jan. 25	8.75	Oct. 11	9.35
May 25	8.66	Feb. 21	8.92	Nov. 15	9.08
June 22	8.75	Mar. 22	8.47	Dec. 13	9.53
July 20	9.03				

16. (C) C. B. Campbell. SE cor. sec. 15, T. 23 S., R. 35 W. Drilled unused water-table well in deposits of Pleistocene age and Ogallala Formation, diameter 6 inches, depth 60 feet. Measuring point, top north side of casing, 0.40 foot above lsd. Measurement of 23.09 feet below lsd for May 31, 1951, erroneously published previously as 23.69. Highest water level 23.09 below lsd, May 31, 1951; lowest 55.79 below lsd, Nov. 27, 1956. Records available: 1939-62. Jan. 24, 50.85; Apr. 9, 49.92; July 12, 51.07; Dec. 27, 53.50.

22-37-22aa. (C) Owner unknown. Drilled stock well in Ogallala Formation, diameter 6 inches, depth 187 feet. Measuring point, top northeast side of hole in frying pan over well, 0.30 foot above lsd. Highest water level 169.69 below lsd, May 9, 1957; lowest 177.31 below lsd, Oct. 16, 1958. Records available: 1956-61. Measurement discontinued.

23-37-27ba. (C) George W. Sauer. Drilled stock water-table well in Ogallala Formation and deposits of Pleistocene age, diameter 4 inches, depth 261 feet. Measuring point, west edge of casing, 1.20 feet above lsd. Highest water level 202.30 below lsd, Apr. 9, 1962; lowest 204.66 below lsd, Dec. 20, 1962. Records available: 1962. Feb. 26, 202.90; Apr. 9, 202.30; July 12, 203.45; Dec. 20, 204.66.

26-37-21dd. (C) H. G. Webber. Drilled irrigation artesian well in deposits of Pliocene and Cretaceous age, diameter 16 inches, depth 330 feet. Measuring point, top hole in southwest side steel pump base, 0.50 foot above lsd. Highest water level 53.39 below lsd, Jan. 12, 1959; lowest 55.71 below lsd, Jan. 24, 1962. Records available: 1958-62. Jan. 24, 55.71.

KINGMAN COUNTY

4. (C) N. Lawson. NW NW sec. 9, T. 27 S., R. 9 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 2 inches, depth 64 feet. Measuring point, top opening of pump, 3.00 feet above lsd. Highest water level 55.53 below lsd, Apr. 16, 1962; lowest 65.13 below lsd, Feb. 6, 1947. Records available: 1945-62. Jan. 16, 56.15; Apr. 16, 55.53; July 16, 55.64; Oct. 22, 55.74.

30-5-12cca. (C) Robert Lowery. Drilled irrigation well in sand and gravel of Pleistocene age, diameter 16 inches, depth 62 feet. Measuring point, base of irrigation pump on north side, 1.44 feet above lsd. Highest water level 21.24 below lsd, Apr. 16, 1962; lowest 24.49 below lsd, July 18, 1960. Records available: 1955, 1959-62. Jan. 16, 21.45; Apr. 16, 21.24; July 16, 22.36; Oct. 22, 21.59.

KIOWA COUNTY

4. (C) H. E. Davis. SE NE sec. 4, T. 28 S., R. 16 W. Drilled domestic and irrigation water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 99 feet. Measuring point, top south side of casing, 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: 1940-62. Jan. 30, 67.17; Apr. 19, 67.25; July 24, 67.33; Oct. 24, 67.13.

8a. (C) Gilbert Yahn. SW SE SE sec. 18, T. 27 S., R. 18 W. Bored water-table observation well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 2.90 feet above lsd. Highest water level 14.73 below lsd, Oct. 24, 1962; lowest 15.77 below lsd, Apr. 19, 1962. Records available: 1961-62. Jan. 30, 15.60; Apr. 19, 15.77; July 24, 15.51; Oct. 24, 14.73.

19. (C) C. Williamson. SE NW sec. 21, T. 27 S., R. 17 W. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 85 feet. Measuring point, lower edge of pump base, 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, 1944-62. Jan. 30, 30.31; Apr. 19, 30.57; July 24, 30.66; Oct. 24, 30.74.

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 west side of casing, 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: 1948, 1950-62. Mar. 5, 83.92; June 5, 83.88; Sept. 4, 84.13; Oct. 3, 83.90.

18-27-13ccc. (C) C. H. Merriweather. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 94 feet. Measuring point, top southeast side of casing, 0.60 foot above lsd. Highest water level 85.77 below lsd, Oct. 3, 1962; lowest 88.99 below lsd, Sept. 19, 1958. Records available: 1948, 1950-62. Mar. 5, 86.22; June 5, 86.16; Sept. 4, 86.06; Oct. 3, 85.77.

18-28-15ccc. (C) C. S. and F. E. Boone. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 76 feet. Measuring point, top southwest side of casing, 0.50 foot above lsd. Highest water level 53.93 below lsd, Oct. 3, 1962; lowest 56.49 below lsd, Dec. 18, 1957. Records available: 1948, 1950-62. Mar. 5, 54.28; June 5, 54.23; Sept. 4, 55.04; Oct. 3, 53.93.

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, 0.70 foot above lsd. Highest water level 63.60 below lsd, Mar. 6, 1959; lowest 69.70 below lsd, July 25, 1948 (lowest erroneously reported previously as 69.52 below lsd, June 26, 1950). Records available: 1948, 1950-62. Mar. 5, 64.54; June 5, 64.29; Sept. 4, 65.00; Oct. 3, 64.09.

LEAVENWORTH COUNTY

8-22-7cb. (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, 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, 1956-57, 1960-62. Mar. 14, 1.88; July 27, 3.05; Sept. 18, 2.96.

LINCOLN COUNTY

12-7-19dd. (MB) 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, at land surface. Highest water level 7.29 below lsd, June 3, 1952; lowest dry, Mar. 13, 1957. Records available: 1947-61. No measurement made in 1962.

12-8-11cb. (MB) Jim and Ed Healy. Dug domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 4 feet, depth 32 feet, cribbed with rock. Measuring point, top of concrete curb, at land surface. Highest water level 4.76 below lsd, July 25, 1951; lowest 20.90 below lsd, Dec. 20, 1956. Records available: 1947-62. Mar. 13, 18.13; June 29, 16.98; Dec. 3, 18.90.

12-10-21ddd. (MB) F. D. Meyer. Dug domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 4 feet, depth (remeasured 1962) 29 feet, cribbed with rock. Measuring point, top of concrete platform, 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: 1947-61. No measurement made in 1962.

LINN COUNTY

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 south side of circular hole in concrete, 0.60 foot above lsd. Highest water level 1.99 below lsd, Feb. 21, 1952; lowest dry, Apr. 11, 1957. Records available: 1948-52, 1956-57, 1961. No measurement made in 1962.

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 north side of square hole in concrete, 0.60 foot above lsd. Highest water level 1.64 below lsd, Mar. 1, 1949; lowest 17.21 below lsd, May 5, 1948. Records available: 1948-52, 1956-57, 1960-61. No measurement made in 1962.

LOGAN COUNTY

1. (C) Octon Estate. SW SW sec. 2, T. 11 S., R. 32 W. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth 104 feet. Measuring point, top north side of casing, 0.40 foot above lsd. Highest water level 96.25 below lsd, Apr. 21, 1953; lowest 99.39 below lsd, Apr. 11, 1960. Records available: 1942-62. Jan. 16, 97.27; Apr. 12, 96.60; July 18, 97.53; Oct. 8, 96.52.

11-34-16cd. (C) Arthur Peterson. Drilled stock well in Ogallala Formation, depth 142 feet. Measuring point, hole in center of top of tank, 1.50 feet above lsd. Highest water level 118.40 below lsd, Oct. 9, 1962; lowest 120.98 below lsd, July 13, 1961. Records available: 1959-62. Jan. 16, 118.60; Apr. 12, 118.65; July 18, 118.52; Oct. 9, 118.40.

12-37-27aa. (C) J. E. Bertrand. Drilled unused observation well in deposits of Pleistocene age, diameter 5 inches, depth 53 feet. Measuring point, top of casing, 1.20 feet above lsd. Highest water level 40.00 below lsd, Apr. 11, 1960; lowest 44.60 below lsd, Aug. 10, 1954. Records available: 1952-62. Jan. 16, 40.89; Apr. 12, 40.95.

13-32-27aa. (C) Owner unknown. Drilled stock well in Niobrara Chalk, diameter 5 inches, depth 49 feet. Measuring point, top of hole in lid over casing, 1.30 feet above lsd. Highest water level 39.36 below lsd, Oct. 9, 1962; lowest 41.14 below lsd, Jan. 9, 1957. Records

available: 1956-62. Jan. 17, 39.59; Apr. 12, 39.52; July 18, 39.42; Oct. 9, 39.36.

McPHERSON COUNTY

17-3-4bb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 28 feet. Measuring point since Jan. 1962, top of pipe, 3.10 feet above lsd. Highest water level 17.05 below lsd, Sept. 22, 1952; lowest 25.00 below lsd, Aug. 19, 1957. Records available: 1950-53, 1955-62.

Mar. 15	21.08	July 9	20.81	Sept. 24	19.27
Apr. 30	21.25	Aug. 17	20.52	Nov. 27	19.64
May 31	21.76				

17-3-9bcc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point since Jan. 1962, top of pipe, 3.80 feet above lsd. Highest water level 8.99 below lsd, Oct. 11, 1950; lowest 22.62 below lsd, Aug. 19, 1957. Records available: 1950-53, 1955-62.

Mar. 15	19.79	July 9	19.56	Sept. 24	18.47
Apr. 30	20.14	Aug. 17	19.50	Nov. 27	19.15
May 31	20.61				

17-3-10bbb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 28 feet. Measuring point since Jan. 1962, top of pipe, 1.90 feet above lsd. Highest water level 6.65 below lsd, Aug. 17, 1951; lowest 21.28 below lsd, Mar. 18, 1957. Records available: 1951-53, 1955-62. Mar. 15, 17.55; Apr. 30, 18.20; May 31, 18.76. Well destroyed.

17-3-17dd. (MB) U.S.G.S. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 37 feet. Measuring point since Jan. 1962, top of pipe, 0.80 foot above lsd. Highest water level 16.75 below lsd, July 24, 1951; lowest 29.80 below lsd, Sept. 7, 1956. Records available: 1946-62.

Mar. 15	24.90	July 9	25.46	Sept. 24	24.67
Apr. 30	26.56	Aug. 17	24.46	Nov. 27	25.42

17-3-19ddd. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point since Mar. 1962, top of pipe, 4.50 feet above lsd. Highest water level 12.60 below lsd, Oct. 1, 1951; lowest 24.88 below lsd, May 8, 1957. Records available: 1951-62.

Mar. 15	22.93	July 9	22.76	Sept. 24	22.93
Apr. 30	23.86	Aug. 17	21.72	Nov. 27	22.80
May 31	24.30				

17-3-30dd. (MB) U.S.G.S. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 55 feet. Measuring point since Jan. 1962, top of pipe, 0.80 foot above lsd. Highest water level 19.09 below lsd, July 24, 1951; lowest 31.92 below lsd, Sept. 7, 1956. Records available: 1946-62.

Mar. 15	28.43	July 9	28.96	Sept. 24	28.54
Apr. 30	29.25	Aug. 17	28.08	Nov. 27	29.36
May 31	29.66				

17-4-20ddd. (MB) U.S.G.S. Jetted observation well in colluvium, diameter $\frac{3}{4}$ inch, depth 19 feet. Measuring point since Jan. 1962, top of pipe, 2.70 feet above lsd. Highest water level 0.38 below lsd, Mar. 27, 1960; lowest dry, May 11, 1956. Records available: 1950-62.

Mar. 15	8.40	July 9	8.70	Sept. 24	6.17
Apr. 30	9.00	Aug. 17	8.00	Nov. 27	9.07
May 31	7.82				

17-4-25dd. (MB) U.S.G.S. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 39 feet. Measuring point since Jan. 1962, top of pipe, 1.00 foot above lsd. Highest water level 15.11 below lsd, July 24, 1951; lowest 27.93 below lsd, Mar. 18, 1957. Records available: 1946-62.

Mar. 15	24.05	July 9	24.04	Sept. 24	23.30
Apr. 30	24.42	Aug. 17	23.25	Nov. 27	24.03
May 31	24.64				

17-4-29ccc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 22 feet. Measuring point since Mar. 1962, top of pipe, 4.00 feet above lsd. Highest water level 6.52 below lsd, Aug. 20, 1951; lowest 20.70 below lsd, May 8, 1957. Records available: 1950-53, 1955-62.

Mar. 15	17.50	July 9	17.76	Sept. 24	17.63
Apr. 30	19.00	Aug. 17	16.19	Nov. 27	19.30
May 31	19.56				

17-4-31baa. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 29 feet. Measuring point since Jan. 1962, top of pipe, 2.30 feet above lsd. Highest water level 13.06 below lsd, Aug. 20, 1951; lowest 24.39 below lsd, Mar. 18, 1957. Records available: 1950-53, 1955-62.

Mar. 15	22.03	July 9	22.02	Sept. 24	22.65
Apr. 30	23.39	Aug. 17	20.80	Nov. 27	23.82
May 31	24.28				

17-4-32baa. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point since Jan. 1962, top of pipe, 1.90 feet above lsd. Highest water level 8.80 below lsd, Aug. 20, 1951; lowest 23.98 below lsd, May 8, 1957. Records available: 1950-53, 1955-62.

Mar. 15	20.42	July 9	21.23	Sept. 24	19.74
Apr. 30	21.26	Aug. 17	19.23	Nov. 27	21.29
May 31	21.40				

17-4-33bbb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 24 feet. Measuring point, top of pipe, 1.60 feet above lsd. Highest water level 11.05 below lsd, Aug. 20, 1951; lowest dry, Apr. 7, Aug. 19, 1955, Jan. 4, Sept. 7, 1956. Records available: 1950-53, 1955-62.

Mar. 15	21.25	July 9	21.84	Sept. 24	21.28
Apr. 30	21.08	Aug. 17	21.25	Nov. 27	22.30
May 31	22.20				

17-4-36abb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point since Jan. 1962, top of pipe, 2.70 feet above lsd. Highest water level 15.23 below lsd, Aug. 20, 1951; lowest 27.29 below lsd, May 8, 1957. Records available: 1951-53, 1955-62.

Mar. 15	24.30	July 9	24.72	Sept. 24	24.06
Apr. 30	24.57	Aug. 17	23.28	Nov. 27	24.37
May 31	24.96				

17-5-4ddd. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 17 feet. Measuring point since Jan. 1962, top of pipe, 3.00 feet above lsd. Highest water level 12.92 below lsd, Apr. 1, 1958; lowest dry, July 23, 1953, Apr. 7, 1955, May 11, July 31, Sept. 7, 1956. Records available: 1951-53, 1955-62.

Mar. 15	16.42	July 9	16.10	Sept. 24	15.95
Apr. 30	16.58	Aug. 17	16.00	Nov. 27	16.22
May 31	16.72				

17-5-7aad. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point since Jan. 1962, top of pipe, 2.60 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, 1955-62.

Mar. 15	14.00	July 9	14.57	Sept. 24	14.42
Apr. 30	15.00	Aug. 17	12.62	Nov. 27	15.53

17-5-7bbb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 32 feet. Measuring point since Jan. 1962, top of pipe, 3.10 feet above lsd. Highest water level 17.88 below lsd, July 2, 1951; lowest 26.77 below lsd, Feb. 13, 1958. Records available: 1950-53, 1955-62.

Mar. 15	25.60	July 9	25.03	Sept. 24	25.55
Apr. 30	25.72	Aug. 17	25.58	Nov. 27	25.65

17-5-8ccc. (MB) U.S.G.S. Jetted observation well in alluvium, diameter $\frac{3}{4}$ inch, depth 19 feet. Measuring point since Jan. 1962, top of pipe, 1.60 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, 1955-62.

Mar. 15	8.50	July 9	8.42	Sept. 24	7.95
Apr. 30	8.43	Aug. 17	8.97	Nov. 27	8.35
May 31	11.20				

17-5-8ddd. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 23 feet. Measuring point since Jan. 1962, top of pipe, 1.45 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, 1955-62.

Mar. 15	8.83	July 9	9.50	Sept. 24	8.50
Apr. 30	9.71	Aug. 17	7.00	Nov. 27	10.15
May 31	9.03				

17-5-11bbb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 19 feet. Measuring point, top of pipe, 2.20 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, 1955-62.

Mar. 15	8.09	July 9	9.21	Sept. 24	6.78
Apr. 30	7.99	Aug. 17	7.42	Nov. 27	7.60
May 31	8.72				

17-5-16aaa. (MB) U.S.G.S. Jetted observation well in alluvium, diameter $\frac{3}{4}$ inch, depth 24 feet. Measuring point since Jan. 1962, top of pipe, 2.30 feet above lsd. Highest water level 10.39 below lsd, Oct. 1, 1951; lowest 20.23 below lsd, Mar. 18, 1957. Records available: 1951-53, 1955-62.

Mar. 15	17.48	July 9	17.36	Sept. 24	18.35
Apr. 30	19.03	Aug. 17	16.36	Nov. 27	19.60
May 31	20.02				

17-5-21dad. (MB) U.S.G.S. Jetted observation well in alluvium, diameter $\frac{3}{4}$ inch, depth 20 feet. Measuring point since Jan. 1962, top of pipe, 2.10 feet above lsd. Highest water level 6.51 below lsd, Oct. 1, 1951; lowest 19.97 below lsd, Mar. 19, 1957. Records available: 1950-53, 1955-62.

Mar. 15	14.70	July 9	15.86	Sept. 24	15.28
Apr. 30	15.98	Aug. 17	13.48	Nov. 27	16.68
May 31	19.60				

17-5-25aaa. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point since Mar. 1962, top of pipe, 4.00 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, 1955-62.

Mar. 15	14.56	July 9	15.00	Sept. 24	13.34
Apr. 30	14.80	Aug. 17	13.95	Nov. 27	13.58
May 31	12.30				

17-5-26ddd. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point since Mar. 1962, top of pipe, 4.00 feet above lsd. Highest water level 5.00 below lsd, Aug. 20, 1951; lowest 21.73 below lsd, Dec. 17, 1956. Records available: 1950-62.

Mar. 15	17.70	July 9	18.15	Sept. 24	17.20
Apr. 30	18.60	Aug. 17	16.56	Nov. 27	18.75
May 31	18.31				

MEADE COUNTY

45. (C) Joseph Rocke. SE NE sec. 31, T. 30 S., R. 27 W. Drilled unused water-table well in Lower Pleistocene deposits and Ogallala Formation, diameter 3 inches, depth (remeasured 1962) 32 feet. Measuring point, top of casing, 1.80 feet above lsd. Highest water level 0.42 below lsd, Dec. 20, 1949; lowest 22.84 below lsd, Sept. 13, 1956. Records available: 1939-62. Mar. 7, 1967.

77. (C) J. W. Wood. SE NE sec. 4, T. 32 S., R. 28 W. Drilled unused water-table well in Lower Pleisto-

cene deposits and Ogallala Formation, diameter 3 inches, depth (remeasured 1962) 199 feet. Measuring point, bottom of T in 3-inch casing, 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: 1939-62. June 4, 64.01; Sept. 11, 63.02; Dec. 19, 62.78.

161. (C) C. R. Cheney. SW SW sec. 14, T. 31 S., R. 27 W. Bored stock water-table well in alluvium and Upper Pleistocene deposits, diameter 6 inches, depth (remeasured 1962) 14 feet. Measuring point, top south side of casing, 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, 1952-62. Mar. 7, 8.93.

234. (C) Chris Sobba. NW NE sec. 23, T. 30 S., R. 27 W. Drilled unused water-table well in Ogallala Formation, diameter 16 inches, depth 210 feet. Measuring point, top of casing, 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: 1939-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	17.15	17.15	.....	.....	16.78	16.79
Feb.	18.00	17.50	16.85	16.63	16.60	.....
Mar.	.....	.....	.....	16.60	18.10	18.07
Apr.	17.33	16.93	16.75	17.60	20.60	21.30
May	23.55	.....	.....	24.30	21.60	19.55
June	18.15	17.70	17.30	17.20	17.05	16.83
July	19.00	17.37	32.20	34.40	25.50	21.75
Aug.	21.02	20.73	34.05	32.50	28.10	.....
Sept.	24.37	.....	.....	22.68	22.20	18.90
Oct.	17.70	17.75	18.00	18.37	17.75	17.87
Nov.	17.07	17.10	17.80	17.00	17.00	16.70
Dec.	16.75	15.90	.....	16.40	16.60	16.50

30-27-22cd. (C) D. Zortman. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 8 inches, depth (remeasured 1962) 20 feet. Measuring point, top of casing, 3.00 feet above lsd. Highest water level 11.73 below lsd, Apr. 22, 23, 1954; lowest 17.68 below lsd, Sept. 21, 1960. Records available: 1954-62. Mar. 7, 13.89; June 4, 14.10; Sept. 11, 13.25; Dec. 19, 12.67.

30-27-32ddd. (C) Meade County. Driven and bored observation water-table well in sand and gravel of Pleistocene age, diameter 2 inches, depth (remeasured 1962) 18 feet. Measuring point, top east side of pipe, 2.00 feet above lsd. Highest water level 8.93 below lsd, July 7, 1953; lowest dry, Mar. 19, 1957. Records available: 1953-62. Mar. 7, 14.04; June 4, 13.70; Sept. 11, 12.52; Dec. 19, 11.82.

30-29-28bb. (C) Edward Pippert. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 400 feet. Measuring point, lower edge of sloping pipe, north side, 0.65 foot above lsd. Highest water level 132.44 below lsd, Jan. 8, 1960; lowest 133.78 below lsd, Jan. 15, 1962. Records available: 1959-62. Jan. 15, 133.78.

30-30-27bb. (C) Edith Collingwood. Drilled stock water-table well in Ogallala Formation, diameter 4 inches, depth 160 feet. Measuring point, edge of steel casing, north side, 1.50 feet above lsd. Highest water level 131.50 below lsd, Mar. 7, 1962; lowest 132.03 below lsd, Dec. 19, 1962. Records available: 1962. Jan. 30, 131.55; Mar. 7, 131.50; June 4, 131.75; Sept. 11, 131.90; Dec. 19, 132.03.

33-28-29bc. (C) Fred Borchers. Drilled irrigation water-table well in Lower Pleistocene deposits and Ogallala Formation, diameter 16 inches, depth 160 feet. Measuring point, top northeast side of casing, 1.00 foot above lsd. Highest water level 13.10 below lsd, June 10, 1941, May 12, 1942; lowest 18.91 below lsd, Aug. 3, 1939. Records available: 1939-44, 1953-62. Mar. 7, 14.20; June 4, 15.65; Sept. 11, 15.78; Dec. 19, 14.66.

MITCHELL COUNTY

6-8-34ccc. (MB) R. L. Metcalf. Dug domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 48 inches, depth 32 feet, cribbed with stone. Measuring point, top surface board platform, 0.40 foot above lsd. Highest water level 14.70 below lsd, June 30, 1962; lowest 18.59 below lsd, Feb. 7, 1950. Records available: 1946-62. June 30, 14.70; Nov. 30, 15.00.

6-9-27ab. (MB) L. Lowdermilk. Dug unused water-table well in terrace deposits of Pleistocene age, diameter 4 feet, depth 37 feet, cribbed with rock. Measuring point, top of rock base, 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: 1934-62.

Jan. 18	19.57	June 30	18.83	Oct. 16	20.45
Apr. 16	19.42	July 19	18.90	Nov. 30	20.65

6-9-30da. (MB) J. Reinhardt. Drilled domestic and stock well in terrace deposits of Pleistocene age, diameter 6 inches, depth 37 feet. Measuring point, top north edge of casing, 0.30 foot above lsd. Highest water level 17.90 below lsd, July 25, 1951; lowest 32.50 below lsd, Mar. 12, 1957. Records available: 1946-62. June 30, 24.26; Aug. 30, 24.15; Oct. 17, 24.67; Nov. 30, 24.90.

6-9-36ddd. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, depth 43 feet. Measuring point, top of casing, 0.70 foot above lsd. Highest water level 19.05 below lsd, June 30, 1962; lowest 26.86 below lsd, May 10, 1961. Records available: 1960-62. June 30, 19.05; Aug. 30, 19.74; Oct. 17, 20.04; Nov. 30, 20.40.

7-7-7aaa. (MB) A. McDysan. Drilled domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 6 inches, depth 43 feet. Measuring point, top of rock curb, 1.00 foot above lsd. Highest water level 19.40 below lsd, July 25, 1951; lowest 36.10 below lsd, Mar. 12, 1957. Records available: 1946-61. Measurement discontinued.

7-7-8ba. (MB) U.S.B.R. Bored observation water-table well in sandy silt of Pleistocene age, diameter 1¼ inches, depth 49 feet. Measuring point, top of casing, 1.50 feet above lsd. Highest water level 42.55 below lsd, Oct. 17, 1962; lowest 44.10 below lsd, Mar. 15, 1961. Records available: 1960-62. June 30, 42.87; Oct. 17, 42.55; Nov. 30, 42.60.

7-7-15dcc. (MB) V. R. Schmidt. Dug unused water-table well in terrace deposits of Pleistocene age, diameter 4 feet, depth 28 feet, cribbed with stone. Measuring point, top of surface stone curb, 0.30 foot above lsd. Highest water level 0.55 below lsd, July 25, 1951; lowest 26.64 below lsd, Mar. 12, 1957. Records available: 1946-61. Measurement discontinued.

7-7-18dda. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of casing, 1.40 feet above lsd. Highest water level 19.95 below lsd, Sept. 18, 1961; lowest 24.92 below lsd, May 10, 1961. Records available: 1960-62. June 30, 20.55; Aug. 30, 20.74; Oct. 17, 21.72; Nov. 30, 22.42.

MORTON COUNTY

22. (C) E. A. Wilcox. SW SE SE sec. 14, T. 31 S., R. 43 W. Drilled unused water-table well in Dakota Formation, diameter 5 inches, depth (remeasured 1962) 94 feet. Measuring point, top south side of casing, 1.20 feet above lsd. Highest water level 69.33 below lsd, Oct. 9, 1962; lowest 78.29 below lsd, Aug. 14, 1958. Records available: 1939-53, 1956-62. Feb. 6, 69.77; May 14, 70.10; Aug. 15, 69.93; Oct. 9, 69.33.

117. (C) W. C. Washburn. SW SW 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 west side of casing, 1.20 feet above lsd. Highest water level 152.39 below lsd, Feb. 11, 1959; lowest 166.54 below lsd, May 25, 1948. Records available: 1939-62. Feb. 6, 153.26; May 1, 153.17; Aug. 15, 154.20.

31-40-21dc. (C) Perry A. Williams. Drilled irrigation well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 275 feet. Measuring point, hole in north side of pump base, 1.07 feet above lsd. Highest water level 155.88 below lsd, Feb. 18, 1960; lowest 162.80 below lsd, Nov. 6, 1959. Records available: 1959-62. Feb. 6, 158.06; May 1, 157.68.

32-42-21bc. (C) Leon and Herbert Jackson. Drilled irrigation water-table well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 189 feet. Measuring point, hole in southwest side of pump base, 0.50 foot above lsd. Highest water level 83.62 below lsd, Feb. 18, 1960; lowest 94.10 below lsd, Aug. 7, 1961. Records available: 1959-62. Feb. 6, 87.20.

NESS COUNTY

1. (C) J. E. Ficken. NE SW sec. 32, T. 20 S., R. 23 W. Drilled irrigation water-table well in terrace deposits of Pleistocene age, diameter 19 inches, depth 67 feet. Measuring point, top east side of sill under pump, 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: 1940-62. Jan. 17, 31.02; Apr. 17, 32.73; Oct. 25, 31.82.

2. (C) C. L. Whitley. SW cor. sec. 20, T. 20 S., R. 22 W. Dug and drilled irrigation water-table well in terrace deposits of Pleistocene age, diameter 20 inches, depth 51 feet. Measuring point, top south side of concrete curb, 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: 1940-62. Jan. 17, 22.82; Apr. 17, 22.77; July 17, 22.48; Oct. 25, 23.00.

18-23-31ab. (C) J. H. Lieker. Drilled domestic water-table well in terrace deposits of Pleistocene age, diameter 5 inches, depth 54 feet. Measuring point, top west side of casing, 0.30 foot above lsd. Highest water level 45.87 below lsd, July 17, 1962; lowest 49.10 below lsd, Oct. 23, 1956. Records available: 1954-62. Jan. 17, 46.34; Apr. 17, 46.57; July 17, 45.87; Oct. 25, 46.06.

NORTON COUNTY

2-21-1bb. (MB) Verner Ross. Drilled irrigation water-table well in terrace deposits of Pleistocene age, diameter 24 inches, depth 70 feet. Measuring point, top east side of pump base, 1.30 feet above lsd. Highest water level 18.76 below lsd, July 23, 1951; lowest 44.70 below lsd, Aug. 23, 1960. Records available: 1946-61. No measurement made in 1962.

2-21-2bd. (MB) Vernon J. Hamilton. Drilled irrigation water-table well in terrace deposits of Pleistocene age, diameter 24 inches, depth 57 feet. Measuring point, top south side of casing, at land surface. Highest water

level 17.69 below lsd, Aug. 26, 1951; lowest 29.90 below lsd, June 13, 1957. Records available: 1946-62.

Jan. 15	24.60	July 11	26.90	Nov. 27	26.80
May 21	28.00	Sept. 19	28.10		

2-21-11aa. (MB) W. B. Woods. Drilled irrigation water-table well in terrace deposits of Pleistocene age, diameter 18 inches, depth 82 feet. Measuring point, hole in pump base, 1.00 foot above lsd. Highest water level 24.37 below lsd, Oct. 23, 1951; lowest 42.10 below lsd, Feb. 15, 1957. Records available: 1945-62. May 21, 31.50; July 11, 30.00; Sept. 19, 36.80; Nov. 27, 32.20.

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, 1.00 foot above lsd. Highest water level 41.08 below lsd, Oct. 10, 1962; lowest 42.83 below lsd, May 4, 1946. Records available: 1946, 1954-62. Jan. 15, 41.58; Apr. 9, 41.85; July 16, 41.50; Oct. 10, 41.08.

4-23-11dd. (C) Frank Harting. Drilled stock and domestic water-table well in Ogallala Formation, diameter 4 inches, depth 71 feet. Measuring point, hole in pump base, 0.55 foot above lsd. Highest water level 46.53 below lsd, Jan. 19, 1961; lowest 47.64 below lsd, Jan. 15, 1962. Records available: 1960-62. Jan. 15, 47.64; Apr. 9, 47.53; July 16, 47.48.

OSBORNE COUNTY

6-11-34aa. (MB) Wm. E. Lowdon. Dug unused water-table well in terrace deposits of Pleistocene age, diameter 28 inches, depth 38 feet, cribbed with rock. Measuring point, top of platform over well, 0.10 foot above lsd. Highest water level 27.30 below lsd, Mar. 1, 1952; lowest 37.07 below lsd, June 11, 1946. Records available: 1945-62. Jan. 18, 30.20; Apr. 16, 30.89; July 19, 28.54; Oct. 16, 29.19.

6-12-7bb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 40 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 21.81 below lsd, Oct. 16, 1962; lowest 33.19 below lsd, Dec. 10, 1951. Records available: 1951-62. Jan. 18, 24.18; Apr. 16, 23.67; July 19, 22.76; Oct. 16, 21.81.

6-12-7dc. (MB) U.S.G.S. Jetted observation well in sand and gravel of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 36 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 11.55 below lsd, June 19, 1951; lowest 25.57 below lsd, May 7, 1958. Records available: 1951-62. Jan. 18, 25.18; Apr. 16, 25.09; July 19, 24.71; Oct. 16, 24.67.

6-12-23cd. (MB) C. Fink. Dug domestic water-table well in terrace deposits of Pleistocene age, diameter 36 inches, depth 30 feet, cribbed with rock. Measuring point, top south side of board platform, 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: 1945-62. Jan. 18, 20.05; Apr. 16, 19.39; July 19, 18.35; Oct. 16, 18.45.

7-12-15daa. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 50 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 39.87 below lsd, Apr. 6, 1962; lowest 44.18 below lsd, Feb. 18, 1958. Records available: 1956-62. Feb. 8, 40.19; Apr. 6, 39.87.

7-12-15ddd. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter $1\frac{1}{4}$ inches, depth 44 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 30.10 below lsd, Oct. 20, 1961;

lowest 35.54 below lsd, Jan. 14, 1957. Records available: 1956-61. No measurement made in 1962.

7-12-23ccb. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 41 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 22.69 below lsd, Oct. 20, 1961; lowest 31.30 below lsd, May 17, 1956. Records available: 1956-62. Feb. 8, 24.10; Apr. 6, 24.87.

7-12-28ab. (MB) C. E. Galley. Drilled domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 12 inches, depth 47 feet, tile casing. Measuring point, top surface concrete platform, 0.50 foot above lsd. Highest water level 26.44 below lsd, May 25, 1952; lowest 34.63 below lsd, Mar. 12, 1957. Records available: 1946-62. Apr. 16, 29.20; Oct. 16, 29.14.

7-13-7aa. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 63 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 44.20 below lsd, Oct. 4, 1962; lowest 53.29 below lsd, May 27, 1957. Records available: 1956-62.

Feb. 8	47.06	June 11	46.50	Oct. 4	44.20
Apr. 6	46.90	Aug. 2	45.50		

7-13-7da. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, 2.80 feet above lsd. Highest water level 26.70 below lsd, Oct. 4, 1962; lowest 33.63 below lsd, May 27, 1957. Records available: 1956-62.

Feb. 8	29.07	June 11	28.30	Oct. 4	26.70
Apr. 6	27.00	Aug. 2	27.90		

7-13-10cba. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, 0.70 foot above lsd. Highest water level 27.00 below lsd, Oct. 4, 1962; lowest 40.55 below lsd, Aug. 15, 1956. Records available: 1956-62.

Feb. 8	30.71	June 12	30.10	Oct. 4	27.00
Apr. 6	30.60	Aug. 2	28.80		

7-13-11ddd. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 76 feet. Measuring point, top of pipe, 2.10 feet above lsd. Highest water level 59.58 below lsd, Oct. 20, 1961; lowest 75.52 below lsd, Apr. 21, 1958. Records available: 1956-61. Measurement discontinued.

7-13-13bcc. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 53 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 38.10 below lsd, Oct. 4, 1962; lowest 44.31 below lsd, May 27, 1957. Records available: 1956-62.

Feb. 8	39.99	June 12	39.50	Oct. 4	38.10
Apr. 6	39.72	Aug. 2	39.00		

7-13-14dd. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 27 feet. Measuring point, top of pipe, 1.70 feet above lsd. Highest water level 5.67 below lsd, June 21, 1957; lowest 13.42 below lsd, Jan. 14, 1957. Records available: 1956-62.

Feb. 8	10.28	June 12	8.90	Oct. 4	9.70
Apr. 6	10.00	Aug. 2	7.90		

7-13-15bbb. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 41 feet. Measuring point, top of pipe, 1.30 feet above lsd. Highest water level 11.00 below lsd, Aug. 2, 1962; lowest 20.86 below lsd, Apr. 18, 1957. Records available: 1956-62.

Feb. 8	13.68	June 12	12.50	Oct. 4	11.20
Apr. 6	13.42	Aug. 2	11.00		

7-13-15da. (MB) J. W. Bathurst. Drilled domestic water-table well in terrace deposits of Pleistocene age, diameter 12 inches, depth 53 feet, tile casing. Measuring point, top surface of board platform, 1.30 feet above lsd. Highest water level 29.14 below lsd, July 25, 1951; lowest 41.47 below lsd, Mar. 12, 1957. Records available: 1946-62. Jan. 18, 36.68; Apr. 16, 36.93; July 19, 33.79; Oct. 16, 35.54.

7-13-16add. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 65 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 35.47 below lsd, July 22, 1957; lowest 41.86 below lsd, Sept. 12, 1956. Records available: 1956-62.

Feb. 8	38.10	June 12	37.50	Oct. 4	36.30
Apr. 6	37.98	Aug. 2	36.50		

7-13-17bbc. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 14 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 5.63 below lsd, July 22, 1957; lowest 9.72 below lsd, Apr. 18, 1957. Records available: 1956-62. June 11, 6.60; Aug. 2, 6.00; Oct. 4, 5.80.

7-13-17cbb. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 69 feet. Measuring point, top of pipe, 4.00 feet above lsd. Highest water level 24.00 below lsd, Jan. 17, 1957; lowest 35.31 below lsd, Apr. 18, 1957. Records available: 1957-62. Feb. 8, 32.32; June 11, 32.60; Aug. 2, 31.00; Oct. 4, 31.40.

7-14-4aa. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 47 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 25.01 below lsd, Feb. 8, 1962; lowest 36.18 below lsd, Apr. 18, 1957. Records available: 1956-62. Feb. 8, 25.01; well destroyed.

7-14-4aa2. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 4.50 feet above lsd. Highest water level 18.80, Oct. 4, 1962; lowest 22.80 below lsd, June 11, 1962. Records available: 1962. May 8, 20.80; June 11, 22.80; Aug. 2, 21.00; Oct. 4, 18.80.

7-14-4ad. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 36 feet. Measuring point, top of pipe, 2.30 feet above lsd. Highest water level 18.46 below lsd, Feb. 8, 1962; lowest 26.59 below lsd, Apr. 18, 1957. Records available: 1956-62. Feb. 8, 18.46; well destroyed.

7-14-4ad2. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 36 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 15.30 below lsd, Oct. 4, 1962; lowest 17.65 below lsd, May 8, 1962. Records avail-

able: 1962. May 8, 17.65; June 11, 17.00; Aug. 2, 16.10; Oct. 4, 15.30.

7-14-4dd. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 27 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 14.00 below lsd, Oct. 4, 1962; lowest 22.37 below lsd, Apr. 18, 1957. Records available: 1956-62. Apr. 6, 16.85; June 11, 15.20; Oct. 4, 14.00.

7-14-10bb. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 16 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 4.60 below lsd, June 11, 1962; lowest 10.74 below lsd, Apr. 18, 1957. Records available: 1956-62. Apr. 6, 5.40; June 11, 4.60.

7-14-10dd. (MB) John Clark. Drilled domestic water-table well in terrace deposits of Pleistocene age, diameter 12 inches, depth 38 feet, tile casing. Measuring point, top surface of board platform, 0.70 foot above lsd. Highest water level 27.69 below lsd, May 25, 1952; lowest dry, Oct. 8, 1959. Records available: 1946-61. Measurement discontinued.

7-15-8ba. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 25.90 below lsd, Oct. 3, 1962; lowest 35.87 below lsd, Apr. 18, 1957. Records available: 1956-62.

Feb. 8	28.42	June 11	28.30	Oct. 3	25.90
Apr. 6	28.72	Aug. 1	26.80		

7-15-8cc. (MB) F. Dibble. Dug domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 4 feet, depth 25 feet, cribbed with stone. Measuring point, top surface of cement platform, 1.10 feet above lsd. Highest water level 17.67 below lsd, Oct. 16, 1962; lowest 25.78 below lsd, Mar. 8, 1950. Records available: 1946-62. Apr. 16, 19.39; July 19, 18.46; Oct. 16, 17.67.

7-15-12dc. (MB) Tom Hale, Jr. Drilled domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 12 inches, depth 36 feet, tile casing. Measuring point, top south edge of casing, 1.30 feet above lsd. Highest water level 8.56 below lsd, Oct. 11, 1961, July 19, 1962; lowest 25.00 below lsd, July 10, 1955. Records available: 1946-62. Jan. 18, 9.12; July 19, 8.56; Oct. 16, 8.68.

7-15-17ac. (MB) U.S.B.R. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 34 feet. Measuring point, top of pipe, 2.60 feet above lsd. Highest water level 20.44 below lsd, Aug. 4, 1961; lowest 24.39 below lsd, Apr. 18, 1957. Records available: 1956-61. No measurement made in 1962.

OTTAWA COUNTY

9-4-6ccd. (MB) U.S.B.R. Bored observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 30 feet. Measuring point since Mar. 1962, top of pipe, 2.10 feet above lsd. Highest water level 13.93 below lsd, Mar. 12, 1962; lowest 21.38 below lsd, May 14, 1960. Records available: 1960-62.

Jan. 15	14.70	June 30	14.13	Oct. 17	14.18
Mar. 12	13.93	Aug. 30	14.24	Nov. 30	14.48
June 12	14.10	Sept. 14	14.40		

9-4-7cdc. (MB) U.S.B.R. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point since Mar. 1962, top of

pipe, 2.00 feet above lsd. Highest water level 7.10 below lsd, June 12, 1962; lowest 12.89 below lsd, Aug. 26, 1960. Records available: 1960-62.

Jan. 15	8.40	June 30	7.25	Oct. 17	8.46
Mar. 12	7.85	Aug. 30	9.17	Nov. 30	8.82
June 12	7.10	Sept. 14	9.50		

9-4-7ddd. (MB) U.S.B.R. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point since Mar. 1962, top of pipe, 1.80 feet above lsd. Highest water level 17.24 below lsd, Sept. 18, 1961; lowest 22.32 below lsd, Nov. 28, 1960. Records available: 1960-62.

Jan. 15	19.80	June 30	18.50	Oct. 17	19.99
Mar. 12	19.28	Aug. 30	19.39	Nov. 30	20.33
June 12	18.80	Sept. 14	19.70		

9-4-32ab. (MB) U.S.B.R. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point since Mar. 1962, top of pipe, 1.60 feet above lsd. Highest water level 5.00 below lsd, June 12, 1962; lowest 11.80 below lsd, Nov. 28, 1960. Records available: 1960-62.

Jan. 15	5.90	June 30	5.32	Oct. 17	8.11
Mar. 12	5.53	Aug. 30	8.09	Nov. 30	8.53
June 12	5.00	Sept. 14	8.40		

9-4-33abb. (MB) U.S.B.R. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point since Mar. 1962, top of pipe, 2.00 feet above lsd. Highest water level 13.34 below lsd, June 26, 1961; lowest 24.50 below lsd, Mar. 15, 1961. Records available: 1960-62.

Jan. 15	20.00	June 30	18.26	Oct. 17	20.80
Mar. 12	20.40	Aug. 30	19.55	Nov. 30	21.50
June 12	18.20	Sept. 14	20.10		

9-4-33bab. (MB) U.S.B.R. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 12.47 below lsd, Mar. 12, 1962; lowest 18.80 below lsd, May 10, 1961. Records available: 1960-62.

Jan. 15	12.90	June 30	12.69	Oct. 17	14.19
Mar. 12	12.47	Aug. 30	13.60	Nov. 30	14.72
June 12	12.60	Sept. 14	13.90		

9-5-1abb. (MB) U.S.B.R. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 30 feet. Measuring point since Mar. 1962, top of pipe, 1.60 feet above lsd. Highest water level 10.64 below lsd, Sept. 18, 1961; lowest 19.76 below lsd, May 10, 1961. Records available: 1960-62.

Jan. 15	13.50	June 30	12.53	Oct. 17	13.53
Mar. 12	13.40	Aug. 30	13.09	Nov. 30	14.35
June 12	13.10	Sept. 14	13.50		

PAWNEE COUNTY

7. (C) Ralph Lupfer. NE NE sec. 18, T. 22 S., R. 17 W. Drilled irrigation water-table well in terrace deposits of Pleistocene age, diameter 19 inches, depth 119 feet. Measuring point, southwest side of pump under tin flap, 0.80 foot above lsd. Highest water level 18.95 below lsd, June 25, 1951; lowest 38.28 below lsd, Sept. 18, 1956. Records available: 1940-62.

Jan. 17	26.57	May 24	27.70	Oct. 25	32.59
Feb. 19	26.54	June 20	27.99	Nov. 20	26.69
Mar. 20	26.38	July 17	27.85	Dec. 28	26.59
Apr. 17	26.50	Sept. 20	27.29		

8a. (C) Fred B. Reed. NW NW sec. 6, T. 22 S., R. 16 W. Bored observation water-table well in alluvium, diameter 1¼ inches, depth 30 feet. Measuring point, top of pipe, 4.70 feet above lsd. Measuring point erroneously reported previously as 4.39 feet above lsd. 1961 measurements should be corrected by subtracting 0.31 foot. Highest water level 15.85 below lsd, Mar. 20, 1962; lowest 16.51 below lsd, June 20, 1962. Records available: 1961-62.

Jan. 17	15.92	May 24	16.40	Sept. 20	16.28
Feb. 19	15.90	June 20	16.51	Oct. 25	16.26
Mar. 20	15.85	July 17	16.49	Nov. 20	16.14
Apr. 17	15.89	Aug. 22	16.25	Dec. 28	16.13

21-19-30cc. (C) Kathryn Maller. Irrigation water-table well in terrace deposits, depth 114 feet. Measuring point, hole in pump base, 0.30 foot above lsd. Measurement of 32.89 feet below lsd for Dec. 17, 1959, erroneously published previously as 27.71. Highest water level 31.17 below lsd, June 22, 1960 (highest erroneously reported previously as 27.71 below lsd, Dec. 17, 1959); lowest 36.56 below lsd, Mar. 20, 1961. Records available: 1959-62.

Jan. 17	32.23	June 20	33.11	Oct. 25	33.50
Feb. 19	32.31	July 17	33.87	Nov. 20	33.38
Mar. 20	32.29	Sept. 20	33.54	Dec. 28	32.88
Apr. 17	32.17				

PHILLIPS COUNTY

4-16-34bb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter ¾ inch, depth (remeasured 1962) 32 feet. Measuring point since Mar. 1962, top of pipe, 1.60 feet above lsd. Highest water level 24.44 below lsd, Oct. 20, 1960; lowest 30.50 below lsd, Mar. 12, Aug. 13, 1957. Records available: 1951-60, 1962. Mar. 14, 24.75.

4-19-35ab. (MB) Glenn Seeger. Drilled domestic and stock water-table well in terrace deposits of Pleistocene age, diameter 10 inches, depth 35 feet. Measuring point, top of casing, 1.30 feet above lsd. Highest water level 7.43 below lsd, May 24, 1952; lowest 15.93 below lsd, Mar. 12, 1957. Records available: 1946-60. No measurement made in 1962.

POTTAWATOMIE COUNTY

9-11-31dcc. (C) Div. of Water Resources. Driven observation water-table well in alluvium, diameter ¾ inch, depth 30 feet. Measuring point, top of pipe, 3.20 feet above lsd. Highest water level 11.84 below lsd, June 30, 1961; lowest 16.23 below lsd, Mar. 1, 1961. Records available: 1959-62.

Jan. 2	14.35	May 1	13.75	Sept. 4	13.50
Feb. 1	13.47	June 6	13.15		27 13.70
Mar. 9	13.62	July 2	12.00	Nov. 1	14.42
Apr. 2	13.08	31	12.25	30	15.20

10-8-14cba. (C) Jim Ryan. Drilled irrigation well in alluvium, diameter 18 inches, depth 68 feet. Measuring point, cutout in pump frame, 1.50 feet above lsd. Highest water level 17.91 below lsd, June 30, 1961; lowest 23.43 below lsd, Mar. 1, 1961. (1961 measurements previously computed erroneously; they should be corrected by subtracting 0.50 foot). Records available: 1961-62.

Jan. 2	21.02	May 1	20.39	Sept. 4	20.82
Feb. 1	20.17	June 5	20.21		27 20.72
Mar. 9	20.40	July 2	19.04	Nov. 1	21.42
Apr. 2	19.52	31	19.04	30	22.01

PRATT COUNTY

26-11-13da. (C) H. C. Jeffers. Drilled unused well in sand and gravel of Pleistocene age, diameter 8 inches, depth 28 feet. Measuring point, top of casing, 1.00 foot above lsd. Measurements for 1951 of Sept. 8, 5.74; Sept. 24, 5.96; Oct. 12, 6.47, erroneously omitted from previously published records. Highest water level 5.74 below lsd, Sept. 8, 1951; lowest 15.93 below lsd, Apr. 3, 1957. Records available: 1951-62. Jan. 16, 14.49; Apr. 16, 14.64; July 16, 14.41; Oct. 24, 14.29.

26-13-34be. (C) George Soaken. Industrial well in sand and gravel of Pleistocene age, diameter 6 inches, depth 75 feet. Measuring point, top of casing, 0.70 foot above lsd. Highest water level 41.63 below lsd, July 18, 1960; lowest 42.63 below lsd, Oct. 23, 1962. Records available: 1959-62. Jan. 29, 41.75; Apr. 18, 41.86; July 24, 42.41; Oct. 23, 42.63.

28-11-2bc. (C) Mr. Armitstead. Drilled industrial well in sand and gravel of Pleistocene age, diameter 6 inches, depth 66 feet. Measuring point, top north side pipe, 0.30 foot above lsd. Highest water level 13.08 below lsd, Dec. 27, 1962; lowest 14.90 below lsd, Apr. 20, 1961. Records available: 1961-62.

Jan. 16	13.97	May 23	14.31	Sept. 21	13.39
Feb. 20	13.98	June 21	14.21	Oct. 24	13.19
Mar. 19	13.94	July 16	13.53	Nov. 19	13.50
Apr. 18	14.18	Aug. 21	13.57	Dec. 27	13.08

29-13-13aa. (C) E. R. Kessler. Drilled unused irrigation well in sand and gravel of Pleistocene age, diameter 10 inches, depth 119 feet. Measuring point, top south side of concrete platform, 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: 1951-62. Jan. 29, 89.28; Apr. 18, 89.29; July 23, 89.18; Oct. 23, 89.70.

RAWLINS COUNTY

1-33-29cc. (C) Joseph Parker. Drilled stock water-table well in Ogallala Formation, diameter 5 inches, depth 124 feet. Measuring point, top south side of casing, 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: 1952-62. Jan. 16, 115.80; Apr. 11, 115.69; July 17, 115.68; Oct. 9, 117.02.

3-31-7cb. (C) Ernest Carlson. Drilled stock water-

table well in Ogallala Formation, depth 163 feet. Measuring point, hole in east side of pump base, 0.25 foot above lsd. Highest water level 146.25 below lsd, Apr. 12, 1960; lowest 148.09 below lsd, Jan. 15, 1962. Records available: 1959-62. Jan. 15, 148.09; Apr. 11, 146.53.

3-33-3dcc. (C) George Argabright. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 68 feet. Measuring point, hole in north side of pump head base, at land surface. Highest water level 20.38 below lsd, Oct. 9, 1962; lowest 24.41 below lsd, Oct. 13, 1959. Records available: 1959-62. Jan. 16, 22.76; Apr. 11, 22.34; July 17, 20.90; Oct. 9, 20.38.

3-36-17ccc. (C) Clarence K. Fisher. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 300 feet. Measuring point, hole in pump base, 0.50 foot above lsd. Highest water level 197.64 below lsd, Oct. 9, 1962; lowest 203.86 below lsd, Sept. 6, 1962. Records available: 1962. Sept. 6, 203.86; Oct. 9, 197.64.

3-36-23bb. (C) C. Sramek. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth 196 feet. Measuring point, base of hole in south-east side of casing, 0.35 foot above lsd. Highest water level 168.75 below lsd, Aug. 4, 1952; lowest 187.80 below lsd, July 12, 1961. Records available: 1952-62. Jan. 16, 184.71; Apr. 11, 184.65; July 17, 184.68; Oct. 9, 184.65.

4-33-18dd. (C) W. B. Minney. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth 104 feet. Measuring point, top north side of hole drilled in pump base, 1.20 feet above lsd. Highest water level 86.61 below lsd; Aug. 4, 1952; lowest 88.52 below lsd, Oct. 13, 1959, Jan. 13, 1960. Records available: 1952-62. Jan. 15, 87.83; Apr. 11, 87.89.

RENO COUNTY

855a. (C) City of Wichita. SE SE sec. 9, T. 24 S., R. 4 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 67 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 0.65 below lsd, July 1, 1957; lowest 9.45 below lsd, Oct. 1, 1956. Records available: 1938-46, 1950, 1956-62.

Jan. 31	6.15	May 31	5.93	Sept. 28	4.47
Mar. 1	5.96	July 2	5.09	Oct. 31	4.82
29	6.35	31	4.06	Nov. 29	5.65
Apr. 30	6.64	Aug. 30	5.50	Dec. 31	6.04

22-6-33ba. (C) City of Willowbrook. Drilled irrigation water-table well in Pleistocene terrace deposits, diameter 12 inches, depth 44 feet. Measuring point, north edge of casing, 0.75 foot above lsd. Highest water level 8.33 below lsd, Sept. 21, 1962; lowest 10.41 below lsd, May 23, 1962. Records available: 1960-62.

1960		1962		1962	
July 21	9.27	Jan. 16	10.09	July 16	9.39
Aug. 23	9.71	Feb. 20	9.67	Sept. 21	8.33
Oct. 19	9.57	Mar. 19	9.98	Oct. 22	9.48
22	9.74	Apr. 16	10.09	Nov. 19	9.75
Nov. 22	9.77	May 23	10.41	Dec. 27	9.94
Dec. 19	9.81	June 21	10.21		

REPUBLIC COUNTY

1-5-7bb. (MB) U.S.G.S. Driven and bored observation water-table well in alluvium, diameter 1¼ inches,

depth 13 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 2.75 below lsd, Sept. 9, 1958; lowest 9.62 below lsd, Mar. 28, 1956. Records available: 1947-62.

Jan. 11	7.35	May 2	6.60	Sept. 17	7.72
Feb. 8	7.12	June 12	6.50	Oct. 10	7.60
Mar. 6	6.80	July 24	6.89	Nov. 7	6.77
Apr. 4	6.26	Aug. 14	7.27		

1-5-7cb. (MB) U.S.G.S. Bored observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 25 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 15.38 below lsd, July 24, 1951; lowest 23.13 below lsd, Apr. 24, 1957. Records available: 1947-62.

Jan. 11	18.93	May 2	18.20	Sept. 17	18.10
Feb. 8	18.78	June 12	18.57	Oct. 10	18.19
Mar. 6	18.60	July 24	16.94	Nov. 7	17.60
Apr. 4	18.15	Aug. 14	17.22		

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, 2.20 feet above lsd. Highest water level 4.97 below lsd, Sept. 9, 1958; lowest 11.41 below lsd, Feb. 21, 1957. Records available: 1955-62.

Jan. 12	8.14	May 3	7.70	Sept. 18	8.80
Feb. 8	7.44	June 12	7.48	Oct. 11	8.45
Mar. 6	7.63	July 25	8.14	Nov. 9	7.56
Apr. 5	6.88	Aug. 14	8.80		

1-5-8dc. (MB) U.S.G.S. Jetted observation water-table well in terrace deposits of Pleistocene age, diameter ¾ inch, depth 19 feet. Measuring point, top of pipe, 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: 1950-62.

Jan. 12	2.85	May 3	2.89	Sept. 18	5.09
Feb. 8	1.16	June 12	2.70	Oct. 11	4.59
Mar. 6	2.00	July 25	3.82	Nov. 9	3.39
Apr. 5	1.58	Aug. 14	4.77		

1-5-9ba. (MB) U.S.G.S. Jetted observation water-table well in terrace deposits of Pleistocene age, diameter ¾ inch, depth 38 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 18.70 below lsd, Apr. 21, 1960; lowest 24.22 below lsd, Sept. 22, 1955. Records available: 1950-56, 1958-62.

Feb. 13	21.70	June 6	22.60	Sept. 17	23.80
Apr. 3	21.60	July 26	23.20	Nov. 15	23.00

1-5-14dc. (MB) U.S.G.S. Jetted observation water-table well in terrace deposits of Pleistocene age, diameter ¾ inch, depth 21 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 2.93 below lsd, Mar. 19, 1952; lowest 12.10 below lsd, Nov. 8, 1961. Records available: 1950-56, 1958-62.

Feb. 13	4.60	June 6	4.10	Nov. 15	6.20
Apr. 3	4.20	July 26	6.20		

1-5-16dd. (MB) U.S.G.S. Jetted observation water-table well in alluvium, diameter $\frac{3}{4}$ inch, depth 18 feet. Measuring point, top of pipe, 3.00 feet above lsd. Sept. 9, 1958, measurement of 9.74 erroneously reported as 9.47. (Highest water level before 1961 was 9.70 below lsd, June 15, 1951.) Highest water level 9.10 below lsd, May 3, 1961; lowest dry, June 16, 1955. Records available: 1950-61. No measurement made in 1962.

1-5-18aa. (MB) U.S.B.R. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, 2.10 feet above lsd. Highest water level 2.90 below lsd, June 5, 1961; lowest 17.80 below lsd, Sept. 1, 1955. Records available: 1955-62.

Jan. 12	4.26	May 3	4.45	Sept. 18	4.86
Feb. 8	3.01	June 12	4.12	Oct. 11	4.07
Mar. 6	3.90	July 25	5.20	Nov. 9	3.37
Apr. 5	3.52	Aug. 14	5.73		

1-5-18bb. (MB) U.S.B.R. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 28 feet. Measuring point, top of pipe, 1.75 feet above lsd. Highest water level 19.14 below lsd, Nov. 7, 1962; lowest 23.30 below lsd, Mar. 28, 1956. Records available: 1955-62.

Jan. 11	20.15	May 2	19.73	Sept. 17	19.60
Feb. 8	20.00	June 12	19.67	Oct. 10	19.39
Mar. 6	19.90	July 24	19.54	Nov. 7	19.14
Apr. 4	19.82	Aug. 14	19.58		

1-5-18cb. (MB) U.S.B.R. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 62 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 40.67 below lsd, Oct. 10, 1962; lowest 52.18 below lsd, Sept. 1, 1955. Records available: 1955-62.

Jan. 11	42.89	May 2	43.22	Sept. 17	40.68
Feb. 8	42.94	June 12	42.40	Oct. 10	40.67
Mar. 6	43.16	July 24	41.35	Nov. 7	40.98
Apr. 4	43.15	Aug. 14	40.88		

1-5-18da. (MB) U.S.B.R. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 93 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 64.39 below lsd, July 25, 1962; lowest 79.29 below lsd, May 6, 1958. Records available: 1955-62.

Jan. 12	65.50	May 3	65.93	Sept. 18	64.43
Feb. 8	65.50	June 12	65.73	Oct. 11	64.43
Mar. 6	65.70	July 25	64.39	Nov. 9	64.42
Apr. 5	65.75	Aug. 14	64.40		

1-5-19cb. (MB) U.S.B.R. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 65 feet. Measuring point, top of pipe, 2.90 feet above lsd. Highest water level 15.93 below lsd, Aug. 14, 1962; lowest 33.85 below lsd, May 3, 1956. Records available: 1955-62.

Jan. 11	21.96	May 2	23.55	Sept. 17	16.61
Feb. 8	22.30	June 12	22.95	Oct. 10	17.47
Mar. 6	23.97	July 24	22.20	Nov. 7	18.65
Apr. 4	23.10	Aug. 14	15.93		

1-5-19cc. (MB) U.S.B.R. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 60 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 25.94 below lsd, Oct. 3, 1961; lowest 36.70 below lsd, Sept. 1, 1955. Records available: 1955-62.

Jan. 11	27.02	May 2	27.75	Sept. 17	26.14
Feb. 8	27.00	June 12	27.65	Oct. 10	26.08
Mar. 6	27.39	July 24	27.52	Nov. 7	26.27
Apr. 4	27.24	Aug. 14	26.62		

1-5-21cc. (MB) U.S.B.R. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 40 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 13.89 below lsd, Aug. 14, 1962; lowest 22.35 below lsd, Sept. 1, 1955. Records available: 1955-62.

Jan. 12	16.77	May 3	17.58	Sept. 18	15.75
Feb. 8	16.86	June 12	16.82	Oct. 11	16.45
Mar. 6	17.15	July 25	14.63	Nov. 9	16.44
Apr. 5	17.24	Aug. 14	13.89		

1-5-34bb. (MB) U.S.B.R. Bored observation well in terrace deposits of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 23 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 3.36 below lsd, Aug. 4, 1961; lowest dry, Apr. 24, 1957. Records available: 1949-62.

Jan. 15	10.10	May 9	12.10	Sept. 18	6.10
Feb. 9	10.60	June 12	10.00	Oct. 11	7.25
Mar. 2	11.00	July 25	5.02	Nov. 10	7.66
Apr. 5	11.40	Aug. 14	5.22		

2-4-18cc. (MB) U.S.G.S. Jetted well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 36 feet. Measuring point, top of pipe, 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, 1958-62.

Feb. 13	13.00	June 6	14.00	Sept. 17	14.60
Apr. 3	13.00	July 26	14.10	Nov. 15	13.80
May 16	14.70	Aug. 8	14.50		

2-4-31aa. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 17 feet. Measuring point, top of pipe, 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, 1958-61. No measurement made in 1962.

2-4-32cc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 24 feet. Measuring point, top of pipe, 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, 1958-62.

Feb. 13	4.60	June 7	4.70	Sept. 17	4.50
Apr. 3	4.70	July 26	4.60	Nov. 15	5.60
May 16	5.80	Aug. 8	4.00		

2-5-5dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 9.85 below lsd, May 4, 1960; lowest 18.07 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 9, 10.80; May 9, 12.30; July 27, 12.46; Sept. 19, 13.32.

2-5-6bbb. (MB) U.S.B.R. Drilled well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 45 feet. Measuring point, top of pipe, 1.10 feet above lsd. Highest water level 37.81 below lsd, May 2, 1962; lowest 40.37 below lsd, Apr. 24, 1957. Records available: 1955-62. Well destroyed.

Jan. 11	38.02	Mar. 6	38.00	May 2	37.81
Feb. 8	37.95	Apr. 4	37.90		

2-5-6dd. (MB) U.S.B.R. Drilled observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 46 feet. Measuring point, top of pipe, 2.10 feet above lsd. Highest water level 8.07 below lsd, Sept. 19, 1962; lowest 23.99 below lsd, Nov. 8, 1956. Records available: 1956-62. Feb. 9, 10.57; May 9, 10.90; July 27, 9.28; Sept. 19, 8.07.

2-5-7bb. (MB) U.S.B.R. Jetted observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 8.54 below lsd, Aug. 3, 1961; lowest 26.80 below lsd, June 7, 1956. Records available: 1955-62. Well destroyed.

Jan. 11	13.06	Mar. 6	13.58	May 3	13.72
Feb. 8	13.35	Apr. 5	13.62		

2-5-7dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 22.11 below lsd, May 4, 1960; lowest 28.21 below lsd, May 8, 1957. Records available: 1956-62. Feb. 9, 23.16; May 9, 23.27; July 27, 23.28; Sept. 19, 23.78.

2-5-10cc. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 8.03 below lsd, May 4, 1960; lowest 16.99 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 9, 8.42; May 9, 9.20; July 27, 8.80; Sept. 19, 10.02.

2-5-10dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 42 feet. Measuring point, top of pipe, 2.30 feet above lsd. Highest water level 24.67 below lsd, Feb. 9, 1962; lowest 33.32 below lsd, July 12, 1956. Records available: 1956-62. Feb. 9, 24.67; May 9, 28.58; July 27, 28.40; Sept. 19, 28.80.

2-5-15dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 17.73 below lsd, Sept. 19, 1962; lowest 36.82 below lsd, May 9, 1956. Records available: 1956-62. Feb. 9, 19.79; May 9, 20.00; July 27, 20.35; Sept. 19, 17.73.

2-5-17aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 5.55 below lsd, May 4, 1960; lowest 13.67 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 9, 9.39; May 9, 9.26; July 27, 9.62; Sept. 19, 10.64.

2-5-18bb. (MB) U.S.B.R. Drilled observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 49 feet. Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 5.32 below lsd, July 27, 1962; lowest 12.28 below lsd, Mar. 21,

1957. Records available: 1956-62. Feb. 9, 6.68; May 9, 5.80; July 27, 5.32; Sept. 19, 6.25.

2-5-18dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 30 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 9.82 below lsd, July 27, 1962; lowest 18.30 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 9, 10.82; May 9, 10.30; July 27, 9.82; Sept. 19, 10.79.

2-5-19cc. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, 2.90 feet above lsd. Highest water level 3.58 below lsd, May 9, 1961; lowest 11.33 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 3.80; May 10, 4.46; July 27, 3.90; Sept. 19, 4.68.

2-5-20aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, 3.50 feet above lsd. Highest water level 17.72 below lsd, Feb. 10, 1960; lowest 25.65 below lsd, Sept. 20, 1956. Records available: 1956-62. Feb. 9, 18.72; May 9, 19.36; July 27, 19.60; Sept. 19, 19.48.

2-5-20dd. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, 1.90 feet above lsd. Highest water level 3.59 below lsd, May 6, 1960; lowest 17.14 below lsd, Nov. 8, 1956. Records available: 1956-62. Feb. 9, 4.60; May 10, 5.05; July 27, 4.68; Sept. 19, 5.07.

2-5-21aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 20.23 below lsd, Sept. 19, 1962; lowest 25.83 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 21.10; May 9, 20.54; July 27, 20.34; Sept. 19, 20.23.

2-5-23dd. (MB) U.S.G.S. Jetted observation well in alluvium, diameter ¾ inch, depth 13 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 2.30 below lsd, July 5, 1951; lowest 8.96 below lsd, Mar. 21, 1957. Records available: 1950-62. Feb. 9, 3.49; May 9, 4.33; July 27, 3.60; Sept. 19, 4.77.

2-5-27aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 59 feet. Measuring point, top of pipe, 2.10 feet above lsd. Highest water level 25.19 below lsd, Sept. 19, 1962; lowest 34.94 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 25.98; May 9, 25.90; July 27, 25.72; Sept. 19, 25.19.

2-5-27cc. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 48 feet. Measuring point, top of pipe, 2.70 feet above lsd. Highest water level 19.32 below lsd, Sept. 14, 1961; lowest 29.90 below lsd, May 8, 1957. Records available: 1956-62. Feb. 9, 21.70; May 10, 22.12; July 27, 21.93; Sept. 19, 20.32.

2-5-28aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 23 feet. Measuring point, top of pipe, 2.10 feet above lsd. Highest water level 7.08 below lsd, May 9, 1962; lowest 19.57 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 9, 7.30; May 9, 7.08; July 27, 7.15; Sept. 19, 7.80.

2-5-28cc. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 6.69 below lsd, Sept. 19, 1962; lowest 14.90 below lsd, Feb. 20, May 8, 1957. Records available: 1956-62. Feb. 9, 7.85; May 10, 7.37; July 27, 7.23; Sept. 19, 6.69.

2-5-30aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 29 feet. Measuring point, top of pipe, 2.60 feet above lsd. Highest water level 19.48 below lsd, May 12, 1958; lowest 24.57 below lsd, May 8, 1957. Records available: 1956-62. Feb. 9, 21.54; May 10, 21.50; July 27, 20.15; Sept. 19, 21.06.

2-5-31aa. (MB) U.S.B.R. Drilled observation well, diameter 1¼ inches, depth 44 feet. Measuring point,

top of pipe, 1.50 feet above lsd. Highest water level 15.04 below lsd, Sept. 19, 1962; lowest 23.08 below lsd, Nov. 8, 1956. Records available: 1956-62. Feb. 9, 16.12; May 10, 15.67; July 27, 15.32; Sept. 19, 15.04.

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, 3.00 feet above lsd. Highest water level 12.10 below lsd, Sept. 19, 1962; lowest 22.77 below lsd, Nov. 8, 1956. Records available: 1956-58, 1961-62. Previously reported Feb. 8, 1961, measurement of 23.70 in error and should be disregarded.

1961		1961		1962	
Feb. 8	16.07	Sept. 14	14.58	May 10	13.00
May 9	16.10			July 27	13.06
July 13	15.38	Feb. 9	13.37	Sept. 19	12.10

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, 2.20 feet above lsd. Highest water level 29.55 below lsd, Sept. 19, 1962; lowest 40.19 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 9, 30.50; May 10, 30.15; July 27, 30.00; Sept. 19, 29.55.

2-5-36ab. (MB) U.S.G.S. Jetted observation well in alluvium, diameter $\frac{3}{4}$ inch, depth 28 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 16.10 below lsd, Aug. 3, 1951; lowest 22.30 below lsd, Jan. 27, 1958. Records available: 1950-56, 1958-62.

Feb. 13	19.20	June 7	18.90	Sept. 17	17.70
Apr. 3	18.90	July 26	19.40	Nov. 15	18.60
May 16	18.60	Aug. 8	16.70		

3-4-17bb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 22 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 2.00 below lsd, July 3, 1951; lowest 11.69 below lsd, Feb. 20, 1957. Records available: 1950-62. Feb. 12, 4.44; May 11, 5.17; July 31, 5.64; Sept. 27, 6.30.

3-4-17cc. (MB) U.S.G.S. Jetted observation well in sand, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, 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: 1950-62. Feb. 12, 5.16; May 11, 5.85; July 31, 5.75; Sept. 27, 6.26.

3-4-28ab. (MB) U.S.G.S. Jetted observation well in sand, diameter $\frac{3}{4}$ inch, depth 43 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 17.70 below lsd, Aug. 1, 1951; lowest 28.22 below lsd, Jan. 27, 1958. Records available: 1950-56, 1958-62.

Feb. 13	21.70	June 7	21.40	Sept. 17	21.40
Apr. 3	21.60	July 26	19.80	Nov. 15	22.00

3-4-29ab. (MB) U.S.G.S. Jetted observation well in sand, diameter $\frac{3}{4}$ inch, depth 25 feet. Measuring point, top of pipe, 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, 1958-62.

Feb. 13	5.50	June 7	5.40	Sept. 17	6.70
Apr. 3	5.10	July 26	5.70	Nov. 15	7.10

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, 1.50 feet above lsd. Highest water level 38.65 below lsd, Feb. 12, 1962; lowest 45.06 below lsd, July 14, 1961. Records available: 1956-62. Feb. 12, 38.65; May 11, 39.04; July 31, 38.68; Sept. 27, 39.54.

3-4-32cc. (MB) U.S.G.S. Jetted observation well in sand, diameter $\frac{3}{4}$ inch, depth 16 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 0.70 below lsd, June 13, 1951; lowest 8.84 below lsd, Mar. 21, 1957. Records available: 1950-62. Feb. 13, 4.34; May 14, 4.25; July 31, 3.67; Sept. 27, 3.35.

3-5-1ab. (MB) U.S.G.S. Jetted observation well in sand, diameter $\frac{3}{4}$ inch, depth 27 feet. Measuring point, top of pipe, 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: 1950-59, 1961-62. Feb. 13, 8.17; May 14, 8.00.

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, 1.00 foot above lsd. Highest water level 11.05 below lsd, Sept. 19, 1962; lowest 20.65 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 11.49; May 10, 11.29; July 27, 11.34; Sept. 19, 11.05.

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, 1.40 feet above lsd. Highest water level 11.23 below lsd, July 27, 1962; lowest 18.81 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 12.30; May 10, 12.50; July 27, 11.23; Sept. 19, 14.03.

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, 2.00 feet above lsd. Highest water level 15.52 below lsd, May 10, 1962; lowest 28.00 below lsd, Sept. 5, 1957. Records available: 1956-62. Feb. 9, 16.10; May 10, 15.52; July 27, 15.90; Sept. 19, 16.19.

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, 1.20 feet above lsd. Highest water level 5.74 below lsd, Sept. 19, 1962; lowest 25.47 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 6.60; May 10, 7.06; July 27, 6.06; Sept. 19, 5.74.

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, 1.90 feet above lsd. Highest water level 5.35 below lsd, Sept. 14, 1961; lowest 16.09 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 9, 6.13; May 10, 6.59; July 27, 6.44; Sept. 19, 5.85.

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, 2.00 feet above lsd. Highest water level 13.52 below lsd, Sept. 14, 1961; lowest 24.10 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 9, 15.58; May 10, 15.64; July 27, 15.00; Sept. 19, 15.63.

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, 1.40 feet above lsd. Highest water level 9.12 below lsd, Feb. 9, 1962; lowest 21.78 below lsd, Nov. 8, 1956. Records available: 1956-62. Feb. 9, 9.12; May 10, 9.75; July 27, 9.85; Sept. 19, 9.77.

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, 1.70 feet above lsd. Highest water level 1.93 below lsd, Sept. 15, 1961; lowest dry, Feb. 20, May 8, 1957. Records available: 1956-62. Feb. 12, 4.60; May 10, 5.45; July 27, 4.57; Sept. 19, 5.03.

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, 2.00 feet above lsd. Highest water level 17.24 below lsd, Sept. 19, 1962; lowest 26.49 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 19.31; May 10, 18.30; July 27, 17.58; Sept. 19, 17.24.

3-5-11dd. (MB) Rex Farrell. Dug unused well, diameter 36 inches, depth 40 feet. Measuring point, top of casing, 0.50 foot above lsd. Highest water level 13.71 below lsd, May 14, 1952; lowest 26.99 below lsd, May 12, 1958. Records available: 1950-61. No measurement made in 1962.

3-5-12aa. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 33 feet. Measuring point, top of pipe, 3.30 feet above lsd. Highest water level 14.46 below lsd, Sept. 15, 1961; lowest 20.37 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 9, 15.14; May 10, 15.30; July 27, 14.93; Sept. 19, 15.50.

3-5-12bb. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 23 feet. Measuring point, top of pipe, 1.10 feet above lsd. Highest water level 2.87 below lsd, Sept. 14, 1961; lowest 20.37 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 9, 5.65; May 10, 5.73; July 27, 4.50; Sept. 19, 5.61.

3-5-12cd. (MB) U.S.B.R. Driven observation well, diameter 1 1/4 inches, depth 33 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 18.13 below lsd, Sept. 19, 1962; lowest 29.50 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 12, 19.74; May 10, 19.40; July 27, 18.83; Sept. 19, 18.13.

3-5-13cc. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 21 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 2.42 below lsd, July 31, 1962; lowest 19.68 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 12, 5.50; May 11, 4.60; July 31, 2.42; Sept. 27, 3.49.

3-5-14cc. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 33 feet. Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 12.48 below lsd, Sept. 27, 1962; lowest 27.52 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 12, 14.75; May 11, 14.32; July 31, 13.09; Sept. 27, 12.48.

3-5-16bb. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 68 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 10.74 below lsd, July 27, 1962; lowest 31.55 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 12, 11.76; May 10, 15.12; July 27, 10.74; Sept. 19, 10.98.

3-5-16cd. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 54 feet. Measuring point, top of pipe, 2.80 feet above lsd. Highest water level 13.72 below lsd, Sept. 27, 1962; lowest 30.16 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 12, 14.87; May 10, 14.53; July 31, 14.05; Sept. 27, 13.72.

3-5-16dd. (MB) U.S.B.R. Bored observation well in clay, diameter 1 1/4 inches, depth 9 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 0.20 above lsd, Sept. 15, 1961; lowest dry, entire year of 1957. Records available: 1949-62. Feb. 12, 2.33; May 11, 2.53; July 31, 2.04; Sept. 27, 2.65.

3-5-18cd. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 34 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 5.46 below lsd, Sept. 15, 1961; lowest 16.70 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 12, 6.11; May 10, 7.25; July 27, 7.82; Sept. 19, 8.47.

3-5-18dd. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 34 feet. Measuring point, top of pipe, 1.70 feet above lsd. Highest water level 16.50 below lsd, July 27, 1962; lowest 24.56 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 12, 16.83; May 10, 16.62; July 27, 16.50; Sept. 19, 16.56.

3-5-20ab. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 34 feet. Measuring point, top of pipe, 1.60 feet above lsd. Highest water level 7.64 below lsd, Sept. 19, 1962; lowest 25.59 below lsd,

Feb. 19, 1958. Records available: 1956-62. Feb. 12, 10.79; May 10, 10.14; July 27, 9.21; Sept. 19, 7.64.

3-5-20cc. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 23 feet. Measuring point, top of pipe, 0.60 foot above lsd. Highest water level 11.70 below lsd, July 31, 1962; lowest dry, entire year of 1957, Feb. 9, 1959. Records available: 1956-62. Feb. 12, 13.44; May 11, 13.42; July 31, 11.70; Sept. 27, 12.70.

3-5-21cc. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 33 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 8.05 below lsd, Sept. 15, 1961; lowest 27.99 below lsd, Feb. 19, 1958. Records available: 1956-62. Feb. 12, 9.92; May 11, 9.38; July 31, 8.26; Sept. 27, 8.68.

3-5-21dd. (MB) U.S.B.R. Bored observation well in clay, diameter 1 1/4 inches, depth 16 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 1.05 above lsd, July 31, 1962; lowest dry, entire year of 1957. Records available: 1949-62. Feb. 12, 0.39; May 11, 0.75; July 31, +1.05; Sept. 27, +0.63.

3-5-22cc. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 33 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 4.47 below lsd, July 31, 1962; lowest dry, May 8, 1957. Records available: 1956-62. Feb. 12, 11.40; May 11, 11.70; July 31, 4.47; Sept. 27, 8.99.

3-5-33cc. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 29 feet. Measuring point, top of pipe, 2.80 feet above lsd. Highest water level 8.94 below lsd, Sept. 18, 1961; lowest 23.61 below lsd, Feb. 20, 1957. Records available: 1956-62. Feb. 13, 12.30; May 14, 12.40; July 31, 10.16; Sept. 27, 10.35.

3-5-35bb. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 44 feet. Measuring point, top of pipe, 1.30 feet above lsd. Highest water level 5.80 below lsd, Sept. 15, 1961; lowest 22.20 below lsd, Sept. 5, 1957. Records available: 1956-62. Feb. 13, 7.98; May 14, 8.60; July 31, 8.38; Sept. 27, 8.70.

4-4-4aa. (MB) U.S.G.S. Jetted well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 43 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 2.90 below lsd, June 7, 1962; lowest 20.55 below lsd, Jan. 27, 1958. Records available: 1950-56, 1958, 1960-62. Feb. 13, 4.60; Apr. 3, 3.80; June 7, 2.90. Well destroyed.

4-4-4cc. (MB) U.S.G.S. Jetted well in alluvium, diameter 3/4 inch, depth 20 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 4.50 below lsd, July 2, 1951; lowest 12.76 below lsd, Jan. 27, 1958. Records available: 1950-56, 1958-62.

Feb. 13	8.50	June 7	8.10	Sept. 17	9.00
Apr. 3	8.50	July 26	6.60	Nov. 15	9.30

4-4-5aa. (MB) U.S.G.S. Jetted observation well in alluvium, diameter 3/4 inch, depth 34 feet. Measuring point, top of pipe, 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, 1958-62.

Feb. 13	4.60	June 7	3.70	Sept. 17	4.60
Apr. 3	4.80	July 26	2.60	Nov. 15	5.40

4-4-6dc. (MB) U.S.B.R. Drilled observation well, diameter 1 1/4 inches, depth 55 feet. Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 40.89 below lsd, Sept. 27, 1962; lowest 51.50 below lsd,

Feb. 9, 1959. Records available: 1956-62. Feb. 13, 44.22; May 14, 44.42; July 31, 41.00; Sept. 27, 40.89.

4-4-17dc. (MB) U.S.G.S. Jetted observation well in alluvium, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 2.00 below lsd, June 13, 1951; lowest 7.51 below lsd, Nov. 8, 1961. Records available: 1950-56, 1958-62.

Feb. 13	4.90	June 7	4.90	Sept. 17	5.40
Apr. 3	5.30	July 26	4.00	Nov. 15	5.90

4-4-21aa. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 45 feet. Measuring point, top of pipe, 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, 1958-62.

Feb. 13	11.90	June 7	8.90	Sept. 17	11.60
Apr. 3	11.50	July 26	8.20	Nov. 15	10.80

4-4-28cc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 21 feet. Measuring point, top of pipe, 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, 1958, 1960-62.

Feb. 13	4.00	June 7	3.20	Sept. 17	4.60
Apr. 3	3.60	July 26	3.30	Nov. 15	4.60

4-5-1ac. (MB) U.S.B.R. Drilled observation well, diameter 12 inches, depth 79 feet. Measuring point, top of tile, at land surface. Highest water level 28.00 below lsd, Sept. 20, 1949; lowest 35.90 below lsd, May 12, 1958. Records available: 1949-60. Measurement discontinued.

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, 2.00 feet above lsd. Highest water level 15.24 below lsd, Sept. 27, 1962; lowest 27.53 below lsd, Feb. 9, 1959. Records available: 1956-62. Feb. 13, 16.50; May 14, 16.16; July 31, 15.53; Sept. 27, 15.24.

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, 1.50 feet above lsd. Highest water level 11.97 below lsd, May 14, 1962; lowest 25.75 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 13, 12.45; May 14, 11.97; July 31, 13.20; Sept. 27, 14.56.

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, 2.00 feet above lsd. Highest water level 4.56 below lsd, July 31, 1962; lowest 17.61 below lsd, Sept. 20, 1956. Records available: 1956-62. Feb. 13, 6.98; May 14, 6.50; July 31, 4.56; Sept. 27, 4.83.

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, 1.30 feet above lsd. Highest water level 7.16 below lsd, Sept. 18, 1961; lowest dry, Feb. 20, 1957. Records available: 1956-62. Feb. 13, 13.43; May 14, 14.70; July 31, 7.39; Sept. 27, 8.30.

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, 1.00 foot above lsd. Highest water level 7.34 below lsd, July 17, 1961; lowest 17.04 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 13, 12.47; May 14, 13.14; July 31, 8.60; Sept. 27, 9.48.

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, 1.50 feet above lsd. Highest water level 11.12 below lsd, May 10, 1960; lowest 19.50 below lsd, May 8, 1957. Records available: 1956-62. Feb. 13, 11.94; May 14, 11.46; July 31, 11.64; Sept. 27, 12.33.

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, 2.60 feet above lsd. Highest water level 19.83 below lsd, Feb. 13, 1960; lowest 28.88 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 13, 23.30; May 14, 23.16; July 31, 22.17; Sept. 27, 22.20.

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, 2.00 feet above lsd. Highest water level 0.68 below lsd, Feb. 10, 1960; lowest 13.65 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 13, 0.85; May 14, 2.38; July 31, 2.00; Sept. 27, 1.68.

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, 2.50 feet above lsd. Highest water level 16.60 below lsd, July 31, 1962; lowest 22.10 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 13, 17.91; May 14, 17.58; July 31, 16.60; Sept. 27, 16.65.

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, 0.90 foot above lsd. Highest water level 17.88 below lsd, July 17, 1961; lowest dry, May 8, 1957. Records available: 1956-62. Feb. 13, 18.60; May 14, 18.69; July 31, 18.69; Sept. 27, 18.79.

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, 2.40 feet above lsd. Highest water level 5.03 below lsd, Sept. 18, 1961; lowest 16.20 below lsd, Mar. 21, 1957. Records available: 1956-62. Feb. 13, 5.70; May 14, 5.97; July 31, 5.99; Sept. 27, 6.60.

RICE COUNTY

19-10-20ad. (C) John Probst. Drilled industrial well in sand and gravel of Pleistocene age, diameter 6 inches, depth 69 feet. Measuring point, top of casing, 0.10 foot above lsd. Highest water level 5.07 below lsd, May 10, 1959; lowest 11.74 below lsd, May 23, 1962. Records available: 1959-62.

Jan. 16	10.65	May 23	11.74	Sept. 21	10.29
Feb. 20	11.14	June 21	8.99	Oct. 22	11.11
Mar. 19	11.31	July 16	8.64	Nov. 19	11.33
Apr. 16	11.47	Aug. 21	10.43	Dec. 27	11.53

20-9-12dda. (C) David C. Griffin. Driven domestic well in alluvium, diameter $1\frac{1}{2}$ inches, depth 32 feet. Measuring point, top of pipe, 0.60 foot above lsd. Highest water level 10.38 below lsd, June 19, 1961; lowest 12.75 below lsd, May 23, 1962. Records available: 1960-62.

Jan. 16	12.47	May 23	12.75	Sept. 21	11.74
Feb. 20	12.05	June 21	12.53	Oct. 22	11.95
Mar. 19	12.28	July 16	11.16	Nov. 19	12.19
Apr. 16	12.19	Aug. 21	12.00	Dec. 27	12.17

ROOKS COUNTY

7-16-9dd. (C) Ed V. Jones. Drilled irrigation well in alluvium, diameter 16 inches, depth 66 feet. Measuring point, breather pipe on north side pump base, 1.30 feet above lsd. Highest water level 39.58 below lsd, Dec. 15, 1962; lowest 50.52 below lsd, Apr. 7, 1959. Records available: 1958-62.

Jan. 18	40.89	May 14	40.27	Sept. 14	39.98
Feb. 12	40.43	June 13	40.30	Oct. 16	39.73
Mar. 16	40.38	July 19	40.16	Nov. 9	39.65
Apr. 16	40.24	Aug. 15	40.12	Dec. 15	39.58

7-17-13cbb. (C) Roy Ballard. Drilled water-table observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 49 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 39.35 below lsd, Nov. 21, 1961; lowest 43.70 below lsd, May 18, 1961. Records available: 1960-62.

Jan. 18	40.79	May 14	41.61	Sept. 14	41.04
Feb. 12	41.04	June 13	41.54	Oct. 16	41.29
Mar. 16	41.45	July 19	41.33	Nov. 9	41.20
Apr. 16	41.42	Aug. 16	41.16	Dec. 15	41.67

7-17-13cbc. (C) Roy Ballard. Drilled water-table observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 47 feet. Measuring point, top of pipe, 4.30 feet above lsd. Highest water level 20.66 below lsd, July 19, Aug. 16, 1962; lowest 22.84 below lsd, May 18, 1961. Records available: 1960-62.

Jan. 18	21.30	May 14	21.28	Sept. 14	20.83
Feb. 12	21.19	June 13	21.42	Oct. 16	21.20
Mar. 16	21.40	July 19	20.66	Nov. 9	21.26
Apr. 16	21.23	Aug. 16	20.66	Dec. 15	21.50

7-17-23da. (C) Mr. Watts. Drilled abandoned stock well in alluvium, diameter 8 inches, depth 15 feet. Measuring point, top south side well casing, 0.80 foot below lsd. Highest water level 4.31 below lsd, Sept. 15, 1961; lowest 13.92 below lsd, Oct. 6, 1959. Records available: 1958-62.

Jan. 18	10.24	May 14	10.55	Sept. 14	7.96
Feb. 12	11.60	June 13	11.02	Oct. 16	8.24
Mar. 16	11.64	July 19	5.20	Nov. 9	8.51
Apr. 16	9.99	Aug. 16	6.77	Dec. 15	8.88

7-17-24bbb. (C) Roy Ballard. Drilled stock well in alluvium, diameter 10 inches, depth 31 feet. Measuring point, top northwest side casing, 0.80 foot above lsd. Highest water level 10.15 below lsd, June 14, 1961; lowest 15.39 below lsd, Sept. 14, 1959. Records available: 1958-62.

Jan. 18	13.34	May 14	13.12	Sept. 13	12.90
Feb. 12	13.13	June 13	13.11	Oct. 16	13.31
Mar. 16	13.27	July 19	11.40	Nov. 9	13.27
Apr. 16	12.60	Aug. 16	12.55		

7-17-24bbc. (C) Roy Ballard. Drilled water-table observation well in alluvium, diameter 1¼ inches, depth 30 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 7.66 below lsd, June 14, 1961; lowest 11.44 below lsd, Oct. 10, 1960. Records available: 1960-62.

Jan. 18	10.54	May 14	10.51	Sept. 13	9.64
Feb. 12	10.51	June 13	10.28	Oct. 16	10.61
Mar. 16	10.50	July 19	7.70	Nov. 9	10.40
Apr. 16	9.89	Aug. 16	9.40	Dec. 15	10.39

7-17-24bcc. (C) Roy Ballard. Drilled water-table observation well in alluvium, diameter 1¼ inches, depth 22 feet. Measuring point, top of pipe, at land surface. Highest water level 5.09 below lsd, July 10, 1961; lowest 9.06 below lsd, Oct. 10, 1960. Records available: 1960-62.

Jan. 18	8.24	May 14	8.40	Sept. 14	7.40
Feb. 12	8.24	June 13	8.30	Oct. 16	8.40
Mar. 16	8.27	July 19	5.68	Nov. 9	8.18
Apr. 16	7.68	Aug. 16	7.16	Dec. 15	8.16

7-18-24ac. (C) Reid Baxter. Drilled domestic well in alluvium, diameter 6 inches, depth 30 feet. Measuring point, top east side casing, 0.50 foot above lsd. Highest water level 21.70 below lsd, Apr. 16, 1962; lowest 25.23 below lsd, Dec. 23, 1959. Records available: 1958-62.

Jan. 18	22.20	May 14	21.91	Sept. 14	24.20
Feb. 12	22.05	June 13	22.18	Oct. 16	24.10
Mar. 16	21.95	July 19	22.58	Nov. 14	23.75
Apr. 16	21.70	Aug. 16	23.06	Dec. 15	23.39

7-18-24db. (C) Leon Hamilton. Drilled water-table observation well in alluvium, diameter 1¼ inches, depth 20 feet. Measuring point, top of pipe, 3.80 feet above lsd. Highest water level 17.43 below lsd, Aug. 11, 1960; lowest 19.00 below lsd, Feb. 15, 1961. Records available: 1960-62.

Jan. 18	18.62	May 14	18.67	Sept. 14	18.33
Feb. 12	18.66	June 13	18.29	Oct. 16	18.63
Mar. 16	18.65	July 19	18.19	Nov. 14	18.70
Apr. 16	18.52	Aug. 16	18.30	Dec. 15	18.80

7-18-24dc. (C) Dale Shelton. Drilled water-table observation well in alluvium, diameter 1¼ inches, depth 24 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 8.74 below lsd, June 14, 1961; lowest 11.72 below lsd, Nov. 17, 1960. Records available: 1960-62.

Jan. 18	10.41	May 14	9.98	Sept. 14	10.50
Feb. 12	10.22	June 13	10.20	Oct. 16	10.64
Mar. 16	10.16	July 19	10.01	Nov. 14	10.72
Apr. 16	9.70	Aug. 16	10.00	Dec. 15	10.72

7-18-25ac. (C) Omer Henderson. Drilled stock well in alluvium, diameter 6 inches, depth 31 feet. Measuring point since Jan. 1962, top of casing, at land surface. Highest water level 19.74 below lsd, July 19, 1962; lowest 23.01 below lsd, Sept. 14, 1959. Records available: 1958-62.

Jan. 18	21.55	May 14	21.36	Sept. 14	20.87
Feb. 12	21.16	June 13	21.20	Oct. 16	21.89
Mar. 16	21.05	July 19	19.74	Nov. 14	21.50
Apr. 16	20.70	Aug. 16	20.75	Dec. 15	21.35

7-18-25ba. (C) C. E. Hughes. Drilled irrigation well in alluvium, diameter 16 inches, depth 57 feet. Measuring point, lower lip of measuring tube, 1.50 feet above lsd. Highest water level 10.27 below lsd, Apr. 11, 1958; lowest 14.18 below lsd, Sept. 14, 1959. Records available: 1958-62.

Jan. 18	12.10	May 14	11.87	Oct. 16	12.18
Feb. 12	11.88	June 13	12.19	Nov. 14	12.17
Mar. 16	11.83	July 19	11.23	Dec. 15	12.18
Apr. 16	11.23	Sept. 14	11.92		

7-19-23cd. (C) Zack McEwen. Dug stock well, diameter 36 inches, depth 23 feet. Measuring point, south side of pump base, 0.30 foot above lsd. Highest water level 13.16 below lsd, June 15, 1960; lowest 17.90 below lsd, Nov. 17, 1960. Records available: 1958-62.

Jan. 18	14.59	June 13	14.62	Oct. 16	15.93
Feb. 12	14.50	Aug. 15	14.95	Nov. 14	15.18
May 14	14.75	Sept. 14	15.61	Dec. 15	15.18

RUSH COUNTY

18-17-14bbc. (C) Lester Dirks. Drilled observation well in alluvium of Pleistocene age, diameter 1¼ inches, depth 64 feet. Measuring point, top of pipe, 3.80 feet above lsd. Highest water level 16.87 below lsd, Sept. 26, 1961; lowest 25.43 below lsd, Sept. 7, 1960. Records available: 1960-62.

Jan. 17	18.03	May 24	19.20	Oct. 25	19.72
Feb. 19	18.55	June 20	19.65	Nov. 20	19.70
Mar. 20	18.61	July 17	18.53	Dec. 28	19.96
Apr. 17	19.14	Sept. 20	19.50		

18-17-14bcc. (C) Lester Dirks. Drilled irrigation well in alluvium of Pleistocene age, diameter 16 inches, depth 71 feet. Measuring point, hole in north side pump base, 0.42 foot above lsd. Highest water level 17.71 below lsd, Jan. 17, 1962; lowest 25.94 below lsd, Sept. 7, 1960. Records available: 1960-62. Jan. 17, 17.71; Apr. 17, 18.64.

18-17-14ccc. (C) Jerry F. Oborny. Drilled observation well in alluvium of Pleistocene age, diameter 1¼ inches, depth 64 feet. Measuring point, top of pipe, 3.86 feet above lsd. Highest water level 15.75 below lsd, June 20, 1960; lowest 22.39 below lsd, Sept. 13, 1960. Records available: 1960-62.

Jan. 17	16.76	May 24	17.47	Sept. 20	17.55
Feb. 19	17.11	June 20	18.00	Oct. 25	17.75
Mar. 20	17.02	July 17	16.83	Nov. 20	17.68
Apr. 17	17.59	Aug. 22	17.38	Dec. 28	17.87

18-17-14cdc. (C) J. F. Oborny. Drilled irrigation well in alluvium of Pleistocene age, depth 70 feet. Measuring point, hole in southeast side pump base, 0.70 foot above lsd. Highest water level 15.78 below lsd, June 27, 1960; lowest 22.80 below lsd, Sept. 13, 1960. Records available: 1960-62. Jan. 17, 16.67; Apr. 17, 17.52.

18-17-15daa. (C) Louis E. Oborny. Drilled observation well in alluvium of Pleistocene age, diameter 1¼ inches, depth 60 feet. Measuring point, top of pipe, 3.35 feet above lsd. Highest water level 16.66 below lsd, June 20, 1960; lowest 26.25 below lsd, Aug. 22, 1960. Records available: 1960-62.

Jan. 17	17.97	May 24	18.84	Sept. 20	19.09
Feb. 19	18.27	June 20	19.25	Oct. 25	19.19
Mar. 20	18.22	July 17	18.14	Nov. 20	19.10
Apr. 17	18.78	Aug. 22	19.20	Dec. 28	19.30

18-17-22aad. (C) W. Smercka. Drilled observation well in alluvium of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 3.10 feet above lsd. Highest water level 16.31 below lsd, June 20, 1960; lowest 22.54 below lsd, Sept. 13, 1960. Records available: 1960-62.

Jan. 17	18.05	May 24	18.77	Sept. 20	18.37
Feb. 19	18.23	June 20	19.03	Oct. 25	18.69
Mar. 20	18.14	July 14	17.78	Nov. 20	18.60
Apr. 17	18.64	Aug. 22	18.26	Dec. 28	18.77

18-17-22dad. (C) Mrs. Holopirek. Drilled observation well in alluvium of Pleistocene age, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, 3.60 feet above lsd. Highest water level 22.43 below lsd, June 20, 1960; lowest 26.56 below lsd, July 17, 1961. Records available: 1960-62.

Jan. 17	22.85	May 24	23.32	Sept. 20	23.23
Feb. 19	22.82	June 20	23.71	Oct. 25	23.26
Mar. 20	22.66	July 17	22.70	Nov. 20	23.25
Apr. 17	23.07	Aug. 22	23.10	Dec. 28	23.23

18-17-23bcc. (C) Mrs. Fiala. Drilled observation well in alluvium of Pleistocene age, diameter 1¼ inches, depth 56 feet. Measuring point, top of pipe, 3.55 feet above lsd. Highest water level 16.15 below lsd, June 20, 1960; lowest 20.94 below lsd, Sept. 20, 1960. Records available: 1960-62.

Jan. 17	17.10	May 24	17.62	Sept. 20	17.53
Feb. 19	17.27	June 20	17.99	Oct. 25	17.65
Mar. 20	17.14	July 17	16.72	Nov. 20	17.60
Apr. 17	17.55	Aug. 22	16.93	Dec. 28	17.74

18-18-27bc. (C) Lee Dellette. Drilled domestic well in alluvium of Pleistocene age, diameter 5 inches, depth 61 feet. Measuring point, blue mark on northeast side of casing, 0.70 foot above lsd. Highest water level 20.91 below lsd, July 17, 1962; lowest 22.69 below lsd, May 24, 1962. Records available: 1962.

May 24	22.69	Sept. 20	22.37	Nov. 20	21.93
June 20	21.83	Oct. 25	22.13	Dec. 28	21.95
July 17	20.91				

18-18-28ad. (C) Mrs. Ercell Solomon. Dug unused stock well in alluvium, diameter 48 inches, depth 45 feet. Measuring point, bottom of pump base, 1.80 feet above lsd. Highest water level 17.42 below lsd, Apr. 18, 1960; lowest 31.76 below lsd, Apr. 10, 1957. Records available: 1957-62. Jan. 17, 19.64; Feb. 19, 19.69; Mar. 20, 19.70. Measurement discontinued.

18-20-14ccc. (C) John Georg. Augered observation well in alluvium of Pleistocene age, diameter 1¼ inches, depth 48 feet. Measuring point, top of pipe, 3.70 feet above lsd. Highest water level 19.97 below lsd, Nov. 7, 1960; lowest 21.74 below lsd, Aug. 17, 1961. Records available: 1960-62.

Jan. 17	20.91	May 24	20.95	Sept. 20	20.97
Feb. 19	20.88	June 20	21.28	Oct. 25	20.98
Mar. 20	20.85	July 17	20.93	Nov. 20	20.92
Apr. 17	21.04	Aug. 22	20.60	Dec. 28	20.98

18-20-23cd. (C) Owner unknown. Unused water-table well in terrace deposits of Pleistocene age, diameter 5 inches, depth 49 feet. Measuring point, top north side of casing, 0.50 foot above lsd. Highest water level 31.55 below lsd, Apr. 18, 1960; lowest 35.94 below lsd, Jan. 22, 1957. Records available: 1954-62.

Jan. 17	33.64	Apr. 17	33.87	Sept. 20	33.34
Feb. 19	33.56	May 24	33.88	Oct. 25	33.68
Mar. 20	33.70	July 17	33.93	Nov. 20	33.79

RUSSELL COUNTY

80. (C) Joseph Furthmyer, Jr. SE SE sec. 9, T. 14 S., R. 15 W. Dug unused water-table well in deposits of Pleistocene age, diameter 5 feet, depth 15 feet, cribbed with rock. Measuring point, top east edge of rock casing, 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: 1941-62. Mar. 14, 5.10; June 29, 4.53; Dec. 3, 5.20.

81. (C) Joseph Furthmyer, Jr. SE SE 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 west edge of casing, 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: 1941-62. Mar. 14, 118.08; June 29, 118.30; Dec. 3, 118.72.

117. (C) Marie Dutt and others. SE NE 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 north edge of rock casing, 0.30 foot above lsd. Highest water level 4.43 below lsd, Apr. 15, 1958; lowest 10.61 below lsd, Dec. 20, 1943. Records available: 1941-62. Mar. 14, 5.24; June 29, 5.85; Dec. 3, 6.73.

146. (C) D. P. Steinle. NW NE 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 north edge of rock casing, 0.60 foot above lsd. Highest water level 11.15 below lsd, Dec. 3, 1962; lowest 16.20 below lsd, Sept. 1, 1942. Records available: 1941-62. Mar. 14, 11.78; June 29, 11.63; Dec. 3, 11.15.

148. (C) John Penix. NE SE 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 since Mar. 1962, top south edge of rock casing, 0.50 foot above lsd. Highest water level 3.04 below lsd, Apr. 14, 1960; lowest 7.93 below lsd, July 25, 1956. Records available: 1941-62. Mar. 14, 6.00; June 29, 6.00; Dec. 3, 5.27.

149. (C) George Boxberger, Jr. NE NE 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 west edge of rock casing, 1.30 feet above lsd. Highest water level 15.83 below lsd, Aug. 3, 1960; lowest 21.54 below lsd, June 29, 1943. Records available: 1941-62. Mar. 14, 16.18; June 29, 16.00; Dec. 3, 16.74.

SALINE COUNTY

14-2-19dc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 30 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 4.11 below lsd, Aug. 17, 1951; lowest 22.08 below lsd, May 8, 1957. Records available: 1951-53, 1955-61. Measurement discontinued.

14-2-30cd. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 28 feet. Measuring point, top of pipe, 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, 1955-62.

Mar. 15	12.79	July 9	12.90	Sept. 24	11.77
Apr. 30	13.10	Aug. 17	12.02	Nov. 27	12.65

15-2-17cd. (MB) U.S.G.S. Driven and drilled observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth (remeasured 1962) 28 feet. Measuring point since Mar. 1962, top of pipe, 3.20 foot above lsd. Highest water level 9.58 below lsd, Oct. 1, 1951; lowest 27.40 below lsd, May 11, 1956. Records available: 1946-62.

Mar. 14	21.70	July 9	22.88	Sept. 24	21.87
Apr. 30	22.66	Aug. 17	21.15	Nov. 27	21.57

15-2-18cd. (MB) U.S.G.S. Drilled and driven observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 44 feet. Measuring point, top of pipe, 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: 1946-62.

Mar. 15	21.83	July 9	22.26	Sept. 24	22.24
Apr. 30	23.06	Aug. 17	23.95	Nov. 27	23.93

15-2-30dc. (MB) U.S.G.S. Drilled and driven observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 35 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 6.56 below lsd, July 24, 1951; lowest 24.59 below lsd, Mar. 18, 1957. Records available: 1946-53, 1955-62.

Mar. 15	20.45	July 9	21.16	Sept. 24	20.23
Apr. 30	22.20	Aug. 17	18.93	Nov. 27	20.75

15-2-31ccc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 25 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 7.92 below lsd, Nov. 9, 1951; lowest 20.30 below lsd, June 10, 1957. Records available: 1950-53, 1955-62.

Mar. 15	16.40	July 9	17.13	Sept. 24	15.63
Apr. 30	16.75	Aug. 17	16.27	Nov. 27	15.70

15-3-12ab. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 30 feet. Measuring point, top of pipe, 1.40 feet above lsd. Highest water level 6.31 below lsd, Oct. 1, 1951; lowest 24.97 below lsd, May 8, 1957. Records available: 1951-53, 1955-62.

Mar. 15	20.88	July 9	21.30	Sept. 24	19.92
Apr. 30	21.35	Aug. 17	20.40	Nov. 27	19.53

15-3-12dd. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 30 feet. Measuring point since Mar. 1962, top of

pipe, 4.00 feet above lsd. Highest water level 10.02 below lsd, Nov. 9, 1951; lowest 25.14 below lsd, Mar. 18, 1957. Records available: 1951-53, 1955-62.

Mar. 15	22.80	July 9	22.85	Sept. 24	21.83
Apr. 30	23.30	Aug. 17	21.55	Nov. 27	22.50

15-3-24dd. (MB) U.S.G.S. Drilled and driven observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 34 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 4.30 below lsd, July 24, 1951; lowest 24.60 below lsd, July 9, 1962. Records available: 1946-53, 1955-62.

Mar. 15	20.35	July 9	24.60	Sept. 24	23.09
Apr. 30	24.15	Aug. 17	23.58	Nov. 27	23.16

15-3-36ab. (MB) U.S.G.S. Drilled and driven observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 46 feet. Measuring point, top of pipe, 1.10 feet above lsd. Highest water level 17.57 below lsd, Nov. 9, 1951; lowest 32.25 below lsd, Aug. 19, 1957. Records available: 1946-53, 1955-62.

Mar. 15	26.95	July 9	27.44	Sept. 24	26.50
Apr. 30	27.18	Aug. 17	27.18	Nov. 27	26.03

16-2-8ccc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 27 feet. Measuring point since Mar. 1962, top of pipe, 4.20 feet above lsd. Highest water level 7.94 below lsd, Oct. 20, 1950; lowest 25.44 below lsd, May 8, 1957. Records available: 1950-53, 1955-62.

Mar. 15	23.60	July 9	23.07	Sept. 24	23.68
Apr. 30	23.77	Aug. 17	23.76	Nov. 27	23.74

16-2-18bbb. (MB) U.S.G.S. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 40 feet. Measuring point, top of pipe, 2.70 feet above lsd. Highest water level 21.20 below lsd, Aug. 17, 1962; lowest 22.48 below lsd, July 9, 1962. Records available: 1962.

Mar. 15	21.75	July 9	22.48	Sept. 24	21.40
Apr. 30	22.30	Aug. 17	21.20	Nov. 27	22.15

16-2-18cc. (MB) U.S.G.S. Drilled and driven observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth (remeasured 1962) 35 feet. Measuring point, top of pipe, 0.90 foot above lsd. Highest water level 11.76 below lsd, Aug. 17, 1951; lowest 27.39 below lsd, Mar. 18, 1957. Records available: 1946-53, 1955-62.

Mar. 15	22.95	July 9	21.97	Sept. 24	24.34
Apr. 30	24.47	Aug. 17	22.74	Nov. 27	22.76

16-3-12abb. (MB) U.S.G.S. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 44 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 19.30 below lsd, Nov. 27, 1962; lowest 20.54 below lsd, July 9, 1962. Records available: 1962.

Mar. 15	19.80	July 9	20.54	Sept. 24	19.45
Apr. 30	20.06	Aug. 17	20.30	Nov. 27	19.30

16-3-12bcb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 28 feet. Measuring point, top of pipe, 2.40 feet above lsd. Highest water level 5.57 below lsd, Mar. 28, 1960; lowest 23.10 below lsd, Nov. 21, 1950. Records available: 1950-53, 1955-62.

Mar. 15	13.72	July 9	13.60	Sept. 24	8.34
Apr. 30	13.87	Aug. 17	13.20	Nov. 27	11.19

16-3-13aaa. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 28 feet. Measuring point, top of p.pe, 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, 1955-61. Well destroyed.

16-3-13cd. (MB) U.S.G.S. Drilled and driven observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 45 feet. Measuring point, top of pipe, 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, 1955-62.

Mar. 15	21.55	July 9	22.56	Sept. 24	21.20
Apr. 30	22.00	Aug. 17	21.35	Nov. 27	21.72

16-3-26dcd. (MB) U.S.G.S. Drilled and driven observation water-table well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 26 feet. Measuring point, top of pipe, 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: 1946-62.

Mar. 15	18.35	July 9	19.42	Sept. 24	18.39
Apr. 30	19.25	Aug. 17	17.86	Nov. 27	19.56

16-3-33ddd. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 40 feet. Measuring point, top of pipe, 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, 1955-62.

Mar. 15	15.55	July 9	16.00	Sept. 24	14.63
Apr. 30	15.80	Aug. 17	16.07	Nov. 27	14.85
May 31	17.18				

SCOTT COUNTY

1. (C) Mrs. Rosine Smith. NW cor. sec. 9, T. 20 S., R. 33 W. Drilled unused water-table well in Ogallala Formation, diameter 24 inches, depth (remeasured 1962) 128 feet. Measuring point, top of concrete edge of pump base, 0.10 foot above lsd. Highest water level 55.89 below lsd, May 14, 1934; lowest dry, Mar. 22, Nov. 19, Dec. 17, 1956. Records available: 1931-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	80.91	80.92	80.90	80.85	80.85	80.86
Feb.	80.87	80.83	80.80	80.79	80.79	.....
Mar.	80.80	80.74	80.75	80.72	80.73	80.74

Month	5	10	15	20	25	30
Apr.	80.71	80.69	80.67	82.22	82.35	82.99
May	83.21	83.52	83.79	84.00	83.50	83.10
June	82.55	82.32	82.13	82.02	81.95	81.89
July	81.82	81.75	82.30	83.24	.....	.....
Aug.	.....	.....	.....	.....	.....	.....
Sept.	.....	.....	.....	.....	.....	.....
Oct.	.....	.....	.....	.....	.....	.....
Nov.	82.89	.....	83.82	83.62	83.19	83.77
Dec.	84.34	84.58	84.84	84.70	84.98	85.13

2A. (C) State of Kansas. SE sec. 26, T. 18 S., R. 33 W. Drilled observation water-table well in deposits of Pleistocene age, diameter 8 inches, depth 60 feet. Measuring point, top south side of casing, 0.30 foot above lsd. Highest water level 19.85 below lsd, May 8, 1952; lowest 44.82 below lsd, Sept. 1, 1957. Records available: 1944-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	40.82	40.86	40.79	40.60	40.60	40.61
Feb.	40.58	40.52	40.49	40.40	40.40	.....
Mar.	40.40	40.25	40.19	40.13	40.17	40.19
Apr.	40.12	40.11	40.10	40.10	.....	40.21
May	.....	.....	.....	.....	.....	.....
June	41.34	41.48	41.59	41.77	41.87	41.80
July	41.71	41.85	42.10	42.48	42.85	43.12
Aug.	43.34	43.54	43.70	43.94	44.13	44.27
Sept.	44.53	44.49	44.40	44.24	44.08	43.96
Oct.	43.85	43.78	43.70	43.74	43.79	43.76
Nov.	43.68	43.78	43.93	43.96	43.97	43.90
Dec.	43.87	43.83	43.80	43.80	43.79	43.78

19. (C) Mr. Fouquet. SE NE sec. 12, T. 18 S., R. 33 W. Drilled irrigation water-table well in Ogallala Formation, diameter 12 inches, depth (corrected) 87 feet. Measuring point, top of hole in pump base, 1.00 foot above lsd. Highest water level 43.38 below lsd, May 26, 1952; lowest 73.70 below lsd, Sept. 9, 1960. Records available: 1939-62.

Jan. 12	60.58	May 2	59.95	Sept. 4	71.85
Feb. 5	60.60	June 5	64.13	Oct. 3	65.34
Mar. 5	60.30	July 3	61.36	Nov. 5	63.28
Apr. 4	62.30	Aug. 21	72.48	Dec. 11	63.62

50. (C) F. M. Houstin. SW SW SE sec. 28, T. 19 S., R. 32 W. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth (remeasured 1962) 126 feet. Measuring point, top of concrete platform, 1.50 feet above lsd. Highest water level 83.02 below lsd, Jan. 23, 1959; lowest 97.95 below lsd, Aug. 6, 1943. Records available: 1939-62.

Jan. 12	84.94	May 2	84.96	Sept. 4	85.34
Feb. 5	85.05	June 6	85.07	Oct. 3	85.28
Mar. 5	84.94	July 3	84.89	Nov. 5	85.33
Apr. 4	85.16	Aug. 21	85.17	Dec. 11	85.60

207. (C) Samuel Bontrager. NW SW sec. 29, T. 19 S., R. 33 W. Irrigation well in Ogallala Formation, diameter 24 inches, depth (remeasured 1962) 108 feet. Measuring point, top of pump frame, 1.70 feet above lsd. Highest water level 75.68 below lsd, Apr. 18, 1940 (highest erroneously reported previously as 78.01 below lsd, Sept. 6, 1940); lowest 105.72 below lsd, Aug. 21, 1962. Records available: 1939-42, 1958-62.

Jan. 12	94.69	June 5	99.14	Sept. 4	98.56
Feb. 5	94.33	July 3	94.65	Oct. 3	96.40
Mar. 5	93.90	Aug. 21	105.72	Dec. 11	99.32
Apr. 4	93.54				

256. (C) James E. Ely. NE NW sec. 13, T. 20 S., R. 33 W. Irrigation well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 125 feet. Measuring point, hole in east side pump base, 1.90 feet above lsd. Highest water level 33.33 below lsd, June 15, 1944; lowest 56.86 below lsd, June 6, 1962. Records available: 1944, 1958-62.

Jan. 12	51.77	Apr. 4	51.10	Sept. 4	50.76
Feb. 5	51.95	June 6	56.86	Dec. 11	54.95
Mar. 5	51.46				

16-33-19cb. (C) Roy Fairleigh. Drilled irrigation well in Ogallala Formation, diameter 18 inches, depth (remeasured 1962) 189 feet. Measuring point, hole in north pump base, 0.75 foot above lsd. Highest water level 129.78 below lsd, Dec. 12, 1960; lowest 134.55 below lsd, June 12, 1961. Records available: 1959-62. Mar. 9, 132.68; June 6, 134.21.

SEDGWICK COUNTY

12. (C) Dr. A. D. Updegraph. NW SE sec. 26, T. 25 S., R. 1 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 54 feet. Measuring point, steel plate on instrument shelf, 2.99 feet above lsd. Highest water level 10.05 below lsd, July 25, 1951; lowest 20.50 below lsd, Jan. 31, 1957. Records available: 1937-62.

Jan. 25	14.96	June 1	15.54	Sept. 25	14.94	
Mar. 1	14.76	25	14.11	Oct. 25	15.15	
	26	15.09	July 25	14.16	Nov. 27	15.49
Apr. 25	15.33	Aug. 24	14.59	Dec. 26	15.52	

26. (C) Wichita Water Co. SW SW sec. 18, T. 27 S., R. 1 E. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 26 inches, depth 47 feet. Measuring point, steel plate on instrument shelf, 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: 1937-62.

Jan. 12	13.30	May 25	13.93	Sept. 14	13.03	
	26	13.16	June 8	10.84	21	12.77
Feb. 2	11.81	15	12.29	28	12.05	
	16	12.78	July 6	12.71	Oct. 5	12.05
	23	12.86	13	11.61	12	12.67
Mar. 9	13.07	20	11.19	19	12.89	
	20	13.18	27	11.66	Nov. 2	13.21
	23	13.18	Aug. 3	11.93	9	13.29
	30	13.22	10	11.17	16	12.63
Apr. 20	13.28	17	12.47	23	13.43	
	27	13.27	24	13.31	30	13.34
May 4	13.39	31	12.89	Dec. 14	13.59	
	11	13.69	Sept. 7	12.72	28	13.62
	18	13.74				

114. (C) City of Wichita. NE cor. sec. 7, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 32 feet. Measuring point, top of pipe, 1.00 foot above

lsd. Highest water level 3.35 below lsd, Oct. 2, 1958; lowest 9.66 below lsd, Mar. 1, 1957. Records available: 1954-62.

Jan. 31	5.31	June 1	5.91	Oct. 31	5.27
Mar. 1	5.30	July 31	4.18	Nov. 29	5.67
	29	Aug. 30	5.77	Dec. 31	5.96
May 1	6.03	Sept. 28	5.31		

115. (C) City of Wichita. NW cor. sec. 22, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 3.22 below lsd, July 1, 1957; lowest 8.83 below lsd, Nov. 1, 1956. Records available: 1954-62.

Jan. 31	3.60	June 1	5.39	Oct. 31	4.73
Mar. 1	4.51	July 31	3.78	Nov. 29	4.63
	29	Aug. 30	5.40	Dec. 31	5.01
May 1	5.30	Sept. 28	4.65		

117. (C) City of Wichita. SW cor. sec. 20, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 39 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 9.87 below lsd, Nov. 30, 1961; lowest 14.79 below lsd, Apr. 1, 1957. Records available: 1954-62.

Feb. 1	10.17	June 1	10.83	Oct. 31	11.05
Mar. 1	10.06	July 31	10.45	Nov. 29	11.15
	29	Aug. 30	10.76	Dec. 31	11.30
May 1	10.51	Sept. 28	10.90		

124. (C) City of Wichita. SE SE sec. 5, T. 25 S., R. 1 W. Drilled observation well in sand and gravel of Pleistocene age, depth 70 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 11.70 below lsd, June 1, 1962; lowest 20.73 below lsd, Mar. 1, 1957. Records available: 1955-62.

Jan. 31	13.46	June 1	11.70	Sept. 28	14.82
Mar. 1	15.90	July 2	14.99	Oct. 31	16.07
	29	31	14.92	Nov. 29	16.25
May 1	15.77	Aug. 30	15.64	Dec. 31	16.50

125. (C) City of Wichita. SW cor. sec. 10, T. 25 S., R. 1 W. Drilled observation well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 69 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 5.85 below lsd, May 31, 1962; lowest 15.69 below lsd, Apr. 1, 1959. Records available: 1956-62.

Jan. 31	8.80	May 31	5.85	Sept. 28	10.33
Mar. 1	10.72	July 2	8.70	Oct. 31	11.18
	29	31	9.19	Nov. 29	11.43
Apr. 30	11.60	Aug. 30	10.48	Dec. 31	11.74

126. (C) City of Wichita. NW cor. sec. 22, T. 25 S., R. 1 W. Drilled observation well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, at land surface. Highest water level 8.78 below lsd, Aug. 1, 1958; lowest 15.84 below lsd, Jan. 31, 1957. Records available: 1955-62.

Jan. 31	9.49	May 31	9.24	Sept. 28	10.70
Mar. 1	11.12	July 2	10.20	Oct. 31	11.62
	29	31	10.48	Nov. 29	11.79
May 1	11.74	Aug. 30	11.33	Dec. 31	12.14

307. (C) J. R. Clark. NW NW SW sec. 1, T. 25 S., R. 2 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 92 feet. Measuring point, top of pipe, 2.80 feet above lsd. Highest water level 9.08 below lsd, May 12, 13, 20, 1945; lowest 34.45 below lsd, May 1, 1957. Records available: 1937-54, 1956-62.

Jan. 31	18.28	May 31	19.46	Sept. 28	18.77
Mar. 1	18.23	July 2	18.52	Oct. 31	18.60
	29	31	18.48	Nov. 29	17.81
May 1	19.24	Aug. 30	18.79	Dec. 31	18.25

804. (C) City of Wichita. SE cor. sec. 16, T. 26 S., R. 1 W. Driven observation water-table well in alluvium, diameter 1¼ inches, depth 26 feet. Measuring point, top of pipe, 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: 1938-62. Measurement discontinued.

Jan. 16	2.80	Apr. 16	3.29	July 16	3.64
	31	30	3.42	31	3.35
Feb. 20	2.42	May 23	3.92	Aug. 21	3.99
Mar. 1	2.77	31	4.24	30	4.19
	19	June 21	3.71	Sept. 21	3.47
	29	27	3.77		

804r. (C) City of Wichita. SE cor. sec. 16, T. 26 S., R. 1 W, 16 feet west of original 804. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 25 feet. Measuring point, top of pipe, 0.33 foot above lsd. Highest water level 3.41 below lsd, Oct. 31, 1962; lowest 3.77 below lsd, Dec. 27, 1962. Records available: 1962.

Sept. 28	3.49	Nov. 19	3.64	Dec. 27	3.77
Oct. 22	3.72	29	3.50	31	3.71
	31	3.41			

805. (C) City of Wichita. NW NE sec. 19, T. 26 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 41 feet. Measuring point, top of pipe, 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: 1938-62.

Jan. 16	2.15	May 23	4.28	Sept. 21	3.52
	31	31	4.46	28	3.58
Feb. 20	2.83	June 21	3.96	Oct. 22	3.95
Mar. 1	3.08	27	3.94	31	3.62
	19	July 16	3.25	Nov. 19	4.00
	29	31	3.19	29	3.54
Apr. 16	3.58	Aug. 21	4.10	Dec. 27	3.97
	30	30	4.28	31	3.86

807. (C) City of Wichita. NW NW sec. 10, T. 26 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 37 feet. Measuring point, top of pipe, 1.00 foot above

lsd. Highest water level 17.97 below lsd, July 1, 1957; lowest 25.57 below lsd, Oct. 1, 1956. Records available: 1938-62.

Jan. 16	21.63	May 23	21.96	Sept. 21	22.00
31	21.49	31	22.26	28	21.91
Feb. 20	21.35	June 21	21.51	Oct. 22	21.95
Mar. 1	21.46	27	21.69	31	21.93
19	21.53	July 16	21.66	Nov. 19	21.85
29	21.64	31	21.56	29	21.97
Apr. 16	21.72	Aug. 21	21.62	Dec. 27	22.00
30	21.72	30	21.86	31	21.89

808. (C) City of Wichita. SW NW sec. 18, T. 26 S., R. 3 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 49 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 18.59 below lsd, Nov. 30, 1951; lowest 24.32 below lsd, Oct. 20, 1960. Records available: 1938-53, 1958-62.

Jan. 16	21.69	May 23	21.73	Sept. 21	21.48
31	21.49	31	21.94	28	21.40
Feb. 20	21.48	June 21	21.53	Oct. 22	21.44
Mar. 1	21.54	27	21.63	31	21.45
19	21.49	July 16	21.33	Nov. 19	21.34
29	21.52	31	21.31	29	21.47
Apr. 16	21.54	Aug. 21	21.40	Dec. 27	21.50
30	21.52	30	21.46	31	21.38

809. (C) City of Wichita. NW cor. sec. 21, T. 26 S., R. 1 E. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 3.60 feet above lsd. Highest water level 5.91 below lsd, July 11, 1951; lowest 17.68 below lsd, Jan. 31, 1957. Records available: 1938-62.

Jan. 31	10.52	May 31	12.07	Sept. 28	11.04
Mar. 1	10.68	June 27	10.58	Oct. 31	11.59
29	11.15	July 31	10.98	Nov. 29	11.94
Apr. 30	11.40	Aug. 30	11.65	Dec. 31	12.07

810. (C) City of Wichita. NE cor. SE sec. 35, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 25 feet. Measuring point, top of pipe, 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: 1938-62.

Jan. 31	11.37	May 25	13.52	Sept. 28	12.52
Mar. 1	12.44	June 25	11.93	Oct. 25	13.08
29	12.95	July 31	11.67	Nov. 27	13.43
Apr. 30	13.20	Aug. 24	13.80	Dec. 31	13.54

812. (C) City of Wichita. NW cor. sec. 27, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 25 feet. Measuring point, top of pipe, 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: 1938-62.

Jan. 31	10.52	May 31	11.37	Sept. 28	11.40
Mar. 1	10.70	June 25	10.83	Oct. 25	11.64
29	11.05	July 31	10.92	Nov. 29	11.88
Apr. 30	11.33	Aug. 30	11.42	Dec. 31	12.16

814. (C) City of Wichita. SE cor. sec. 14, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 2.29 below lsd, June 25, 1962; lowest 19.00 below lsd, Apr. 1, 1957. Records available: 1938-62.

Jan. 31	9.93	May 25	10.98	Sept. 25	7.91
Mar. 1	10.12	June 25	2.29	Oct. 28	8.92
29	10.32	July 31	4.68	Nov. 27	9.72
Apr. 30	10.63	Aug. 30	6.70	Dec. 31	10.39

815. (C) City of Wichita. NE cor. sec. 17, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 7.65 below lsd, May 11, 1945; lowest 19.69 below lsd, Apr. 1, 1957. Records available: 1938-62.

Jan. 31	14.44	May 31	15.03	Sept. 28	14.38
Mar. 1	14.38	June 25	14.10	Oct. 28	14.73
29	14.53	July 31	14.00	Nov. 29	14.93
Apr. 30	14.72	Aug. 30	14.40	Dec. 31	15.16

816. (C) City of Wichita. SW cor. sec. 7, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 31 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 5.32 below lsd, Oct. 8, 1945; lowest 25.32 below lsd, May 1, 1957. Records available: 1938-62.

Jan. 31	16.55	May 31	16.73	Sept. 28	16.67
Mar. 1	16.30	June 25	16.70	Oct. 28	16.56
29	16.30	July 31	16.73	Nov. 29	16.60
Apr. 30	16.44	Aug. 30	16.92	Dec. 31	16.85

825. (C) City of Wichita. NE cor. sec. 3, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 25 feet. Measuring point, top of pipe, 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: 1938-62.

Mar. 1	5.54	June 25	6.36	Oct. 28	6.87
29	6.00	July 31	6.62	Nov. 29	7.15
Apr. 30	6.27	Aug. 30	6.99	Dec. 31	7.33
May 31	6.60	Sept. 28	6.60		

826. (C) City of Wichita. NE cor. sec. 5, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 18 feet. Measuring point, top of pipe, 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, 1955-62.

Jan. 31	9.13	June 25	7.20	Oct. 28	9.92
Mar. 1	9.86	July 31	7.52	Nov. 29	9.24
29	10.22	Aug. 30	9.34	Dec. 31	10.67
Apr. 30	10.52	Sept. 28	9.24		

830. (C) City of Wichita. SW cor. sec. 30, T. 25 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, 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: 1938-59. Well destroyed June 1, 1959. Records published for 1960-61 should be transferred from well 830 to replacement well 830r.

830r. (C) City of Wichita. SW cor. sec. 30, T. 25 S., R. 2 W., 200 feet south of well 830. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 57 feet. Measuring point, top of pipe, 0.60 foot above lsd. (For convenience in continuing the hydrograph and long-term records of the original well 830, the records for the replacement well are made comparable by computing records as if the measuring point of well 830r was 2.00 feet above lsd.) Records for 1960-61 published for 830 should be transferred to 830r. Highest water level 20.60 below lsd, Nov. 22, 1960; lowest 24.85 below lsd, Oct. 20, 1960. Records available: 1960-62.

Jan. 16	24.00	May 23	24.80	Sept. 21	23.93
31	23.70	31	24.74	28	23.91
Feb. 20	23.68	June 21	23.84	Oct. 22	24.03
Mar. 1	23.87	27	23.95	28	24.01
19	23.88	July 16	23.54	Nov. 19	24.11
29	24.01	31	23.27	29	24.03
Apr. 16	24.18	Aug. 21	23.84	Dec. 27	24.17
30	24.24	30	24.00	31	24.10

834. (C) City of Wichita. SW cor. sec. 9, T. 25 S., R. 3 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 18 feet. Measuring point, top of pipe, 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: 1938-62.

Jan. 31	8.06	May 31	8.53	Sept. 28	7.85
Mar. 1	8.48	June 27	7.64	Oct. 31	8.35
29	8.79	July 31	6.79	Nov. 29	8.53
Apr. 30	8.97	Aug. 30	8.12	Dec. 31	8.74

838. (C) City of Wichita. NE NW sec. 33, T. 25 S., R. 3 W. Driven observation water-table well in sand, diameter 1¼ inches, depth 49 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 16.69 below lsd, Jan. 1, 1961; lowest dry entire year 0^c 1955. Records available: 1938-53, 1955, 1958-62.

Jan. 31	22.57	May 31	22.90	Sept. 28	21.72
Mar. 1	22.72	June 27	22.10	Oct. 31	21.99
29	22.85	July 31	20.39	Nov. 29	22.35
Apr. 30	23.00	Aug. 30	21.44	Dec. 31	22.44

840a. (C) City of Wichita. SW SW sec. 3, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, depth 26 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 7.90 below lsd, Aug. 4, 1952; lowest 15.53 below lsd, Apr. 1, 1955. Records available: 1952-62.

Jan. 31	9.88	May 31	10.72	Sept. 28	9.55
Mar. 1	10.09	July 2	9.55	Oct. 31	9.84
29	10.36	31	8.56	Nov. 29	10.14
Apr. 30	10.63	Aug. 30	9.36	Dec. 31	10.54

842. (C) City of Wichita. NW cor. sec. 16, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 15 feet. Measuring point, top of pipe, 1.30 feet above lsd. Highest water level 1.39 below lsd, Oct. 4, 1945; lowest 10.48 below lsd, Mar. 1, 1957. Records available: 1939-62.

Jan. 31	5.55	May 31	6.55	Sept. 28	5.77
Mar. 1	5.56	July 2	5.42	Oct. 31	5.98
29	5.95	31	4.62	Nov. 29	6.10
Apr. 30	6.28	Aug. 30	6.13	Dec. 31	6.31

847. (C) City of Wichita. SW cor. SE sec. 6, T. 27 S., R. 1 E. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 25 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 10.55 below lsd, May 8, 1944; lowest 22.10 below lsd, June 27, 1962. Records available: 1939-62.

Jan. 31	15.64	May 31	15.97	Sept. 28	15.51
Mar. 1	16.11	June 27	22.10	Oct. 31	16.18
29	16.37	July 31	15.36	Nov. 29	16.38
Apr. 30	16.65	Aug. 30	16.04	Dec. 31	16.47

870. (C) W. Williams. NW NE NE sec. 18, T. 25 S., R. 2 W. Driven stock water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 19 feet. Measuring point, top of pipe at top of pump base, 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: 1939-62.

Jan. 31	6.27	May 31	7.21	Sept. 28	6.33
Mar. 1	7.39	July 2	6.28	Oct. 31	6.53
29	6.69	31	5.42	Nov. 29	6.67
Apr. 30	6.99	Aug. 30	6.53	Dec. 31	6.97

1171. (C) City of Wichita. NE cor. sec. 4, T. 25 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 30 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 9.78 below lsd, Oct. 2, 1951; lowest 22.67 below lsd, Apr. 2, 1957. Records available: 1950-62.

Jan. 31	16.42	May 31	17.28	Sept. 28	16.07
Mar. 1	16.49	July 2	15.65	Oct. 31	16.20
29	16.72	31	15.60	Nov. 29	16.40
Apr. 30	17.00	Aug. 30	15.69	Dec. 31	16.92

1176. (C) City of Wichita. SW cor. sec. 5, T. 25 S., R. 1 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 33 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 10.42 below lsd, Oct. 3, 1951; lowest 24.73 below lsd, May 1, 1957. Records available: 1950-62.

Jan. 31	14.26	May 31	15.13	Sept. 28	14.46
Mar. 1	14.41	July 2	14.06	Oct. 31	14.71
29	14.64	31	14.03	Nov. 29	14.99
Apr. 30	14.88	Aug. 30	14.30	Dec. 31	14.99

3004. (C) City of Wichita. SE cor. sec. 1, T. 25 S., R. 3 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 20 feet. Measuring point, top of pipe, 0.90 foot above lsd. Highest water level 4.42 below lsd, July 9, 1951; lowest 11.90 below lsd, Mar. 1, 1957. Records available: 1949-62.

Jan. 31	7.63	May 31	8.29	Sept. 28	7.38
Mar. 1	7.52	July 2	7.17	Oct. 31	7.41
29	7.87	31	6.16	Nov. 29	7.98
Apr. 30	8.16	Aug. 30	7.49	Dec. 31	8.14

3030. (C) City of Wichita. SW NW SW sec. 11, T. 25 S., R. 2 W. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 4.24 below lsd, July 10, 1951; lowest 16.98 below lsd, May 1, 1957. Records available: 1950-62.

Jan. 31	8.55	May 31	9.27	Sept. 28	7.95
Mar. 1	8.59	July 2	8.53	Oct. 31	8.22
29	8.81	31	7.61	Nov. 29	8.54
Apr. 30	9.02	Aug. 30	7.93	Dec. 31	8.84

3041. (C) City of Wichita. SE cor. sec. 3, T. 25 S., R. 3 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 17 feet. Measuring point at land surface. Highest water level 8.99 below lsd, July 31, 1961; lowest 13.63 below lsd, Oct. 1, Nov. 1, 1956. Records available: 1953-62.

Jan. 31	10.03	May 31	10.35	Sept. 28	9.92
Mar. 1	9.95	July 2	9.57	Oct. 31	10.00
29	10.23	31	9.01	Nov. 29	10.29
Apr. 30	10.40	Aug. 30	9.89	Dec. 31	10.35

3044. (C) City of Wichita. SW cor. sec. 14, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 24 feet. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 3.64 below lsd, July 31, 1961; lowest 10.07 below lsd, Mar. 1, 1957. Records available: 1953-62.

Jan. 31	4.75	May 31	5.89	Sept. 28	4.91
Mar. 1	4.57	July 2	4.79	Oct. 31	5.11
29	5.03	31	3.81	Nov. 29	5.37
Apr. 30	5.46	Aug. 30	5.30	Dec. 31	5.56

3045. (C) Frisco Railroad. SW NW NW sec. 13, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 65 feet. Measuring point, steel plate on instrument shelf, 3.05 feet above lsd. Highest water level 11.73 below lsd, Aug. 25, 30, 1961; lowest 21.76 below lsd, Feb. 25, 1958. Records available: 1954-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	12.17	12.26	12.29	.....	.....	12.25
Feb.	12.21	12.14	12.10	12.07	12.12	.....
Mar.	12.23	12.19	12.25	12.28	12.31	12.39
Apr.	12.44	12.44	12.51	12.54	12.57	12.58
May	12.67	12.70	12.73	12.76	12.79	12.82

Month	5	10	15	20	25	30
June	12.43	12.23	12.18	12.17	12.16	12.18
July	12.18	12.04	12.00	12.01	11.90	11.78
Aug.	11.81	11.85	11.91	11.99	12.04	12.06
Sept.	12.06	11.90	11.89	11.90	11.90	11.92
Oct.	11.95	12.00	12.00	12.05	12.15	12.15
Nov.	12.18	12.23	.....	.....	.....	.....
Dec.	12.31	12.43	.....	.....	.....	12.50

3050r. (C) City of Wichita. SE cor. sec. 24, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age. Measuring point, top of pipe, 0.50 foot above lsd. Highest water level 6.23 below lsd, Nov. 30, 1961; lowest 7.60 below lsd, Dec. 31, 1962. Records available: 1961-62.

Jan. 31	6.54	May 31	7.31	Sept. 28	7.16
Mar. 1	6.52	July 2	6.94	Oct. 31	7.25
29	6.84	31	6.52	Nov. 29	7.43
Apr. 30	7.11	Aug. 30	7.22	Dec. 31	7.60

3050d. (C) City of Wichita. SE cor. sec. 24, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, depth 165 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 6.90 below lsd, Nov. 30, 1961; lowest 8.25 below lsd, Dec. 31, 1962. Records available: 1961-62.

Jan. 31	7.24	May 31	8.00	Sept. 28	7.83
Mar. 1	7.18	July 2	7.55	Oct. 31	7.96
29	7.45	31	7.25	Nov. 29	8.09
Apr. 30	7.69	Aug. 30	7.90	Dec. 31	8.25

M-25b. (C) City of Wichita. NE NW sec. 1, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 51 feet. Measuring point, top of pipe, 0.80 foot above lsd. Highest water level 6.89 below lsd, Aug. 21, 1939; lowest 31.67 below lsd, Apr. 1, 1957. Records available: 1939-62.

Jan. 2	17.41	May 1	18.15	Aug. 31	18.11
Feb. 1	17.26	June 1	18.40	Oct. 1	17.06
Mar. 1	17.37	July 2	17.94	Nov. 1	16.74
Apr. 2	18.16	Aug. 1	17.59	Dec. *3	16.73

M-27. (C) City of Wichita. NW cor. sec. 2, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 215 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 13.96 below lsd, July 8, 1949; lowest 88.50 below lsd, Apr. 1, 1957. Records available: 1947, 1949-62.

Jan. 2	22.00	May 1	72.00	Aug. 31	71.50
Feb. 1	22.00	June 1	21.00	Oct. 1	21.00
Mar. 1	20.00	July 2	70.00	Nov. 1	22.00
Apr. 2	22.00	Aug. 1	71.00	Dec. 3	72.00

M-27b. (C) City of Wichita. NE cor. sec. 3, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 80 feet. Measuring point, top of pipe, 2.60 feet above lsd. Highest water level 12.62 below lsd, Oct. 4, 1948; lowest 32.51 below lsd, May 1, 1957. Records available: 1947-62.

Jan. 2	19.84	May 1	22.00	Aug. 31	21.06
Feb. 1	20.28	June 1	20.87	Oct. 1	19.91
Mar. 1	20.51	July 2	20.97	Nov. 1	20.40
Apr. 2	20.90	Aug. 1	20.99	Dec. 3	20.96

M-28. (C) City of Wichita. NE NW sec. 2, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 220 feet. Measuring point, top of casing, 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, 1949-62.

Jan. 2	63.00	May 1	21.00	Aug. 31	22.00
Feb. 1	20.00	June 1	24.00	Oct. 1	58.00
Mar. 1	65.00	July 2	20.50	Nov. 1	62.00
Apr. 2	21.00	Aug. 1	24.00	Dec. 3	20.00

M-28b. (C) City of Wichita. NW NE sec. 2, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 82 feet. Measuring point, top of pipe, 3.00 feet above lsd. Highest water level 12.55 below lsd, Oct. 4, 1948; lowest 33.00 below lsd, May 1, 1957. Records available: 1947-62.

Feb. 1	20.23	June 1	21.32	Oct. 1	20.49
Mar. 1	20.35	July 2	20.26	Nov. 1	20.50
Apr. 2	20.62	Aug. 1	20.40	Dec. 3	20.02
May 1	20.65	31	20.45		

M-29. (C) City of Wichita. NW cor. sec. 11, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 225 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 13.01 below lsd, July 8, 1949; lowest 67.00 below lsd, Oct. 2, 1958. Records available: 1947, 1949-62.

Jan. 2	50.00	May 1	52.00	Aug. 31	18.00
Feb. 1	18.00	June 1	18.00	Oct. 1	18.00
Mar. 1	54.00	July 2	49.00	Nov. 1	60.00
Apr. 2	22.00	Aug. 1	53.00	Dec. 3	19.00

M-29b. (C) City of Wichita. NW NW sec. 11, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 103 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 7.01 below lsd, July 2, 1951; lowest 30.55 below lsd, Mar. 1, 1957. Records available: 1947-62.

Jan. 2	18.68	May 1	20.31	Aug. 31	16.50
Feb. 1	15.51	June 1	18.17	Oct. 1	15.75
Mar. 1	19.56	July 2	18.35	Nov. 1	20.19
Apr. 2	18.24	Aug. 1	19.32	Dec. 3	16.68

M-30. (C) City of Wichita. NE NW sec. 11, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 225 feet. Measuring point, top of casing, 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, 1949-62.

Jan. 2	17.50	May 1	19.00	Aug. 31	60.50
Feb. 1	17.00	June 1	17.00	Oct. 1	63.00
Mar. 1	18.00	July 2	17.00	Nov. 1	18.00
Apr. 2	63.00	Aug. 1	17.00	Dec. 3	65.00

M-30b. (C) City of Wichita. NW NE sec. 11, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 61 feet. Measuring point, top of pipe, 1.20 feet above lsd. Highest water level 7.39 below lsd, Oct. 4, 1948; lowest 32.70 below lsd, May 1, 1957. Records available: 1947-62.

Jan. 2	16.26	May 1	17.25	Aug. 31	19.77
Feb. 1	15.59	June 1	16.50	Oct. 1	19.36
Mar. 1	16.06	July 2	16.25	Nov. 1	16.40
Apr. 2	20.34	Aug. 1	16.24	Dec. 3	19.14

M-31. (C) City of Wichita. NW cor. sec. 12, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 197 feet. Measuring point, top of casing, 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, 1949-62.

Jan. 2	52.00	May 1	54.00	Aug. 31	53.00
Feb. 1	53.00	June 1	56.00	Oct. 1	22.00
Mar. 1	20.00	July 2	49.50	Nov. 1	20.00
Apr. 2	21.00	Aug. 1	20.50	Dec. 3	19.00

M-31b. (C) City of Wichita. NW cor. sec. 12, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 62 feet. Measuring point, top of pipe, 1.40 feet above lsd. Highest water level 8.34 below lsd, July 7, 1948; lowest 35.32 below lsd, May 1, 1957. Records available: 1947-62.

Jan. 2	20.10	May 1	21.00	Aug. 31	20.75
Feb. 1	19.66	June 1	21.20	Oct. 1	20.45
Mar. 1	18.50	July 2	19.45	Nov. 1	18.89
Apr. 2	19.71	Aug. 1	19.35	Dec. 3	17.90

M-32. (C) City of Wichita. NE NE NW sec. 12, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 185 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 9.02 below lsd, July 8, 1949; lowest 81.50 below lsd, Jan. 31, 1958. Records available: 1947, 1949-62.

Jan. 2	19.00	May 1	20.00	Aug. 31	19.00
Feb. 1	19.00	June 1	20.00	Oct. 1	54.00
Mar. 1	55.00	July 2	54.50	Nov. 1	18.00
Apr. 2	19.00	Aug. 1	55.00	Dec. 3	18.00

M-32b. (C) City of Wichita. NE NW sec. 12, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 71 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 8.40 below lsd, Oct. 4, 1948; lowest 31.83 below lsd, Apr. 1, 1957. Records available: 1947-62.

Jan. 2	18.28	May 1	17.78	Aug. 31	18.28
Feb. 1	17.81	June 1	19.11	Oct. 1	18.04
Mar. 1	18.52	July 2	18.69	Nov. 1	17.95
Apr. 2	18.30	Aug. 1	18.28	Dec. 3	17.49

M-33. (C) City of Wichita. NE SE sec. 1, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 170 feet. Measuring point, top of casing, 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, 1949-62.

Jan. 2	17.50	May 1	19.00	Aug. 31	44.00
Feb. 1	17.50	June 1	18.00	Oct. 1	44.00
Mar. 1	18.00	July 2	18.00	Nov. 1	17.00
Apr. 2	18.00	Aug. 1	18.00	Dec. 3	17.00

M-33b. (C) City of Wichita. SE NE sec. 1, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1½ inches, depth 75 feet. Measuring point, top of pipe, 1.60 feet above lsd. Highest water level 6.82 below lsd, Oct. 4, 1948; lowest 29.13 below lsd, Apr. 1, 1957. Records available: 1947-62.

Jan. 2	14.47	May 1	15.48	Aug. 31	15.29
Feb. 1	14.59	June 1	15.54	Oct. 1	14.33
Mar. 1	14.49	July 2	14.46	Nov. 1	13.93
Apr. 2	14.99	Aug. 1	14.38	Dec. 3	13.91

M-34. (C) City of Wichita. SW cor. sec. 6, T. 25 S., R. 1 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 150 feet. Measuring point, opening in side of pump base, 2.00 feet above lsd. Highest water level 6.96 below lsd, July 8, 1949; lowest 64.50 below lsd, Sept. 2, 1958. Records available: 1947, 1949-62.

Jan. 2	52.00	May 1	19.00	Aug. 31	18.00
Feb. 1	18.00	June 1	19.00	Oct. 1	18.00
Mar. 1	18.00	July 2	18.00	Nov. 1	18.00
Apr. 2	19.00	Aug. 1	49.00	Dec. 3	18.00

M-34b. (C) City of Wichita. SW SW sec. 6, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1½ inches, depth 85 feet. Measuring point, top of pipe, 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: 1947-62.

Jan. 2	15.83	May 1	16.50	Aug. 31	16.11
Feb. 1	15.61	June 1	17.07	Oct. 1	15.77
Mar. 1	15.47	July 2	15.59	Nov. 1	15.71
Apr. 2	15.74	Aug. 1	16.09	Dec. 3	15.72

M-35. (C) City of Wichita. NE cor. NW sec. 7, T. 25 S., R. 1 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 130 feet. Measuring point, opening on side of pump base, 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, Mar. 1, 1957. Records available: 1947, 1949-62.

Jan. 2	20.00	May 1	20.00	Aug. 31	44.00
Feb. 1	19.00	June 1	44.00	Oct. 1	44.00
Mar. 1	19.00	July 2	19.00	Nov. 1	50.00
Apr. 2	20.00	Aug. 1	20.00	Dec. 3	20.00

M-35b. (C) City of Wichita. SE SW sec. 6, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1½ inches, depth 86 feet. Measuring point, top of pipe, 1.10 feet above lsd. Highest water level 10.60 below lsd, Sept. 2, 1949; lowest 33.51 below lsd, May 1, 1957. Records available: 1947-62.

Jan. 2	19.34	May 1	19.79	Aug. 31	20.29
Feb. 1	19.21	June 1	20.75	Oct. 1	20.56
Mar. 1	19.16	July 2	19.35	Nov. 1	20.69
Apr. 2	19.79	Aug. 1	19.59	Dec. 3	19.50

M-36. (C) City of Wichita. SW SW NW sec. 7, T. 25 S., R. 1 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 184 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 19.57 below lsd, Feb. 1, 1962; lowest 62.99 below lsd, Apr. 1, 1960. Records available: 1958-62.

Jan. 2	20.23	May 1	20.39	Aug. 31	20.56
Feb. 1	19.57	June 1	20.78	Oct. 1	20.09
Mar. 1	20.10	July 2	57.00	Nov. 1	19.85
Apr. 2	57.37	Aug. 1	56.85	Dec. 3	57.02

M-36b. (C) City of Wichita. SW SW NW sec. 7, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1½ inches, depth 51 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 16.66 below lsd, Mar. 1, 1962; lowest 25.48 below lsd, Apr. 22, 1958. Records available: 1958-62.

Jan. 2	17.21	May 1	17.25	Aug. 31	17.46
Feb. 1	16.80	June 1	18.11	Oct. 1	17.19
Mar. 1	16.66	July 2	17.37	Nov. 1	17.09
Apr. 2	17.24	Aug. 1	17.47	Dec. 3	17.01

M-36d. (C) City of Wichita. SW SW NW sec. 7, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1½ inches, depth 180 feet. Measuring point, top of pipe, 2.30 feet above lsd. Highest water level 17.16 below lsd, Feb. 1, 1962; lowest 35.29 below lsd, July 1, Dec. 1, 1959. Records available: 1938-62.

Jan. 2	17.80	May 1	18.00	Aug. 31	18.16
Feb. 1	17.16	June 1	18.40	Oct. 1	17.67
Mar. 1	17.56	July 2	28.94	Nov. 1	17.40
Apr. 2	28.80	Aug. 1	29.05	Dec. 3	17.87

M-37. (C) City of Wichita. NW NW NE sec. 18, T. 25 S., R. 1 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 170 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 13.90 below lsd, Dec. 3, 1962; lowest 66.39 below lsd, Nov. 1, 1961. Records available: 1958-62.

Jan. 2	60.32	May 1	60.35	Aug. 31	60.00
Feb. 1	14.00	June 1	14.43	Oct. 1	14.44
Mar. 1	59.70	July 2	14.79	Nov. 1	14.50
Apr. 2	14.17	Aug. 1	58.95	Dec. 3	13.90

M-37b. (C) City of Wichita. NW NE sec. 18, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 53 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 14.38 below lsd, Dec. 3, 1962; lowest 20.74 below lsd, Dec. 31, 1959. Records available: 1958-62.

Jan. 2	15.39	May 1	15.76	Aug. 31	15.94
Feb. 1	14.39	June 1	15.14	Oct. 1	14.99
Mar. 1	15.26	July 2	15.08	Nov. 1	14.81
Apr. 2	14.47	Aug. 1	15.67	Dec. 3	14.38

M-37d. (C) City of Wichita. NW NE sec. 18, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 160 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 14.00 below lsd, Dec. 3, 1962; lowest 32.57 below lsd, Nov. 2, 1959. Records available: 1958-62.

Jan. 2	27.05	May 1	27.31	Aug. 31	27.00
Feb. 1	14.11	June 1	14.75	Oct. 1	14.90
Mar. 1	26.39	July 2	14.92	Nov. 1	14.67
Apr. 2	14.23	Aug. 1	26.83	Dec. 3	14.00

M-38. (C) City of Wichita. NE cor. sec. 18, T. 25 S., R. 1 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 128 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 14.34 below lsd, Dec. 3, 1962; lowest 86.36 below lsd, Nov. 1, 1962. Records available: 1938-62.

Jan. 2	14.49	May 1	15.07	Aug. 31	15.00
Feb. 1	69.00	June 1	15.14	Oct. 1	14.93
Mar. 1	14.56	July 2	68.87	Nov. 1	86.36
Apr. 2	14.40	Aug. 1	14.80	Dec. 3	14.34

M-38b. (C) City of Wichita. NE cor. sec. 18, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 46 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 16.13 below lsd, Nov. 1, 1961; lowest 22.02 below lsd, Sept. 1, 1959. Records available: 1958-62.

Jan. 2	16.20	May 1	16.89	Aug. 31	16.77
Feb. 1	17.44	June 1	17.07	Oct. 1	16.84
Mar. 1	16.15	July 2	17.68	Nov. 1	17.88
Apr. 2	16.51	Aug. 1	16.65	Dec. 3	16.39

M-38d. (C) City of Wichita. NE cor. sec. 18, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 127 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 16.30 below lsd, Nov. 1, 1961; lowest 28.49 below lsd, Sept. 1, 1959. Records available: 1958-62.

Jan. 2	16.44	May 1	16.95	Aug. 31	16.85
Feb. 1	23.91	June 1	17.17	Oct. 1	16.84
Mar. 1	16.32	July 2	24.12	Nov. 1	25.13
Apr. 2	16.46	Aug. 1	16.78	Dec. 3	16.43

M-39. (C) City of Wichita. NW NW SW sec. 17, T. 25 S., R. 1 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 154 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 14.24 below lsd, Jan. 2, 1962; lowest 52.73 below lsd, Feb. 1, 1960. Records available: 1958-62.

Jan. 2	14.24	May 1	15.34	Aug. 31	15.33
Feb. 1	14.56	June 1	49.61	Oct. 1	49.89
Mar. 1	49.94	July 2	48.56	Nov. 1	15.54
Apr. 2	14.59	Aug. 1	14.79	Dec. 3	14.35

M-39b. (C) City of Wichita. NW SW sec. 17, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 52 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 11.25 below lsd, Oct. 2, 1958; lowest 19.79 below lsd, Feb. 1, 1960. Records available: 1958-62.

Jan. 2	11.98	May 1	13.19	Oct. 1	16.35
Feb. 1	12.31	June 1	16.23	Nov. 1	13.34
Mar. 1	15.45	July 2	15.78	Dec. 3	12.18
Apr. 2	12.44	Aug. 1	12.60		

M-39d. (C) City of Wichita. NW SW sec. 17, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 143 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 11.83 below lsd, Nov. 1, 1958; lowest 21.50 below lsd, Feb. 1, 1960. Records available: 1958-62.

Jan. 2	12.21	May 1	13.22	Aug. 31	13.34
Feb. 1	12.51	June 1	17.89	Oct. 1	18.04
Mar. 1	17.11	July 2	17.44	Nov. 1	13.50
Apr. 2	12.57	Aug. 1	12.72	Dec. 3	13.29

M-40. (C) City of Wichita. SW cor. sec. 17, T. 25 S., R. 1 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 127 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 12.69 below lsd, Dec. 31, 1958; lowest 58.25 below lsd, Nov. 1, 1962. Records available: 1958-62.

Jan. 2	52.14	May 1	52.86	Aug. 31	52.29
Feb. 1	51.89	June 1	14.17	Oct. 1	14.10
Mar. 1	13.35	July 2	13.60	Nov. 1	58.25
Apr. 2	52.11	Aug. 1	51.29	Dec. 3	52.88

M-40b. (C) City of Wichita. SW cor. sec. 17, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 41 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 10.53 below lsd, Nov. 1, 1958; lowest 14.66 below lsd, July 1, 1959. Records available: 1958-62.

Jan. 2	10.86	May 1	11.37	Aug. 31	12.24
Feb. 1	11.33	June 1	12.07	Oct. 1	11.88
Mar. 1	11.10	July 2	11.47	Nov. 1	12.54
Apr. 2	11.59	Aug. 1	11.63	Dec. 3	11.34

M-40d. (C) City of Wichita. SW cor. sec. 17, T. 25 S., R. 1 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 121 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 10.59 below lsd, Oct. 2, 1958; lowest 27.34 below lsd, July 1, 1959. Records available: 1958-62.

Jan. 2	23.62	May 1	24.28	Aug. 31	24.35
Feb. 1	23.84	June 1	12.57	Oct. 1	12.54
Mar. 1	11.78	July 2	12.02	Nov. 1	26.44
Apr. 2	24.10	Aug. 1	23.78	Dec. 3	23.85

M-51. (C) City of Wichita. NW cor. sec. 5, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 185 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 17.22 below lsd, Jan. 2, 1959; lowest 83.50 below lsd, July 1, 1960. Records available: 1958-62.

Feb. 1	21.38	June 1	22.80	Oct. 1	18.00
Mar. 1	18.34	July 2	17.46	Nov. 1	17.88
Apr. 2	17.90	Aug. 1	17.27	Dec. 3	73.79
May 1	71.19	31	17.92		

M-51b. (C) City of Wichita. NW cor. sec. 5, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 38 feet. Measuring point, top of pipe, 0.75 foot above lsd. Highest water level 6.33 below lsd, Aug. 1, 1961; lowest 9.20 below lsd, Oct. 1, 1959. Records available: 1958-62.

Jan. 2	7.63	May 1	8.34	Aug. 31	7.69
Feb. 1	7.80	June 1	8.39	Oct. 1	7.47
Mar. 1	7.69	July 2	7.43	Nov. 1	7.70
Apr. 2	7.96	Aug. 1	6.40	Dec. 3	8.18

M-51d. (C) City of Wichita. NW cor. sec. 5, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 162 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 18.39 below lsd, Jan. 2, 1959; lowest 51.62 below lsd, Sept. 1, 1959. Records available: 1958-62.

Jan. 2	20.77	May 1	43.79	Aug. 31	19.77
Feb. 1	23.93	June 1	25.71	Oct. 1	19.95
Mar. 1	20.32	July 2	19.31	Nov. 1	19.81
Apr. 2	19.86	Aug. 1	19.33	Dec. 3	49.48

M-52. (C) City of Wichita. SW SW NW sec. 5, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 40 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 5.72 below lsd, May 2, 1960; lowest 31.52 below lsd, July 2, 1962. Records available: 1958-62.

Jan. 2	6.74	May 1	7.47	Aug. 31	7.01
Feb. 1	7.17	June 1	7.28	Oct. 1	6.71
Mar. 1	6.72	July 2	31.52	Nov. 1	30.71
Apr. 2	7.01	Aug. 1	29.62	Dec. 3	7.42

M-52b. (C) City of Wichita. SW SW NW sec. 5, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 6.51 below lsd, Oct. 2, 1958; lowest 10.76 below lsd, Oct. 1, 1959. Records available: 1958-62.

Jan. 2	8.66	May 1	9.32	Aug. 31	8.75
Feb. 1	8.96	June 1	8.96	Oct. 1	8.56
Mar. 1	8.54	July 2	10.39	Nov. 1	10.63
Apr. 2	8.96	Aug. 1	8.84	Dec. 3	9.31

M-53. (C) City of Wichita. SE SW SW sec. 5, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 92 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 5.21 below lsd, Aug. 1, 1961; lowest 31.20 below lsd, Aug. 31, 1962. Records available: 1958-62.

Jan. 2	7.06	May 1	7.92	Aug. 31	31.20
Feb. 1	6.98	June 1	30.04	Oct. 1	6.79
Mar. 1	7.13	July 2	6.84	Nov. 1	7.15
Apr. 2	7.84	Aug. 1	6.02	Dec. 3	7.75

M-53b. (C) City of Wichita. SE SW SW sec. 5, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 36 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 3.50 below lsd, Oct. 2, 1958; lowest 8.85 below lsd, Sept. 1, 1959. Records available: 1958-62.

Jan. 2	5.50	May 1	6.26	Aug. 31	7.67
Feb. 1	5.39	June 1	6.50	Oct. 1	5.26
Mar. 1	5.52	July 2	5.45	Nov. 1	5.63
Apr. 2	6.18	Aug. 1	4.50	Dec. 3	6.05

M-54. (C) City of Wichita. NW NW SE sec. 5, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 80 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 5.35 below lsd, Aug. 1, 1961; lowest 23.10 below lsd, Jan. 2, 1962. Records available: 1958-62.

Jan. 2	23.10	May 1	8.19	Aug. 31	7.64
Feb. 1	7.60	June 1	8.88	Oct. 1	7.09
Mar. 1	7.65	July 2	7.80	Nov. 1	7.60
Apr. 2	8.04	Aug. 1	6.56	Dec. 3	8.18

M-54b. (C) City of Wichita. NW NW SE sec. 5, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 38 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 4.70 below lsd, Sept. 1, 1961; lowest 11.25 below lsd, Jan. 2, 1962. Records available: 1959-62.

Jan. 2	11.25	May 1	8.94	Aug. 31	8.36
Feb. 1	8.40	June 1	9.60	Oct. 1	7.49
Mar. 1	8.38	July 2	8.52	Nov. 1	8.36
Apr. 2	8.79	Aug. 1	7.26	Dec. 3	8.88

M-55. (C) City of Wichita. SE SW SE sec. 5, T. 25 S., R. 2 W. Drilled public-supply water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 47 feet. Measuring point, top of casing, 2.00 feet above lsd. Highest water level 9.06 below lsd, July 1, 1960; lowest 26.12 below lsd, Oct. 1, 1959. Records available: 1958-62.

Jan. 2	9.86	May 1	10.62	Aug. 31	25.98
Feb. 1	24.35	June 1	10.98	Oct. 1	9.56
Mar. 1	25.71	July 2	24.95	Nov. 1	10.20
Apr. 2	11.00	Aug. 1	9.50	Dec. 3	25.98

M-55b. (C) City of Wichita. SE SW SE sec. 5, T. 25 S., R. 2 W. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1¼ inches, depth 40 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 5.94 below lsd, Oct. 2, 1958; lowest 13.17 below lsd, Oct. 1, 1959. Records available: 1958-62.

Jan. 2	8.03	May 1	8.74	Aug. 31	11.00
Feb. 1	9.94	June 1	9.30	Oct. 1	7.66
Mar. 1	10.46	July 2	9.62	Nov. 1	8.32
Apr. 2	9.09	Aug. 1	7.58	Dec. 3	10.93

26-2-22ab. (C) Al Stoltz. Drilled irrigation well in sand and gravel of Pleistocene age, diameter 6 inches, depth 42 feet. Measuring point, bottom inside lip elbow, 1.25 feet above lsd. Highest water level 2.33 below lsd, Dec. 19, 1960; lowest 5.77 below lsd, May 23, 1962. Records available: 1960-62.

Jan. 16	5.01	May 23	5.77	Sept. 21	5.13
Feb. 20	5.11	June 21	5.38	Oct. 22	5.18
Mar. 19	4.95	July 16	5.31	Nov. 19	5.28
Apr. 16	5.20	Aug. 21	5.61	Dec. 27	5.12

27-1-26ddd. (C) U.S.G.S. and K.G.S. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 6 to 2 inches, depth 87 feet. Measuring point, hole in recorder base, 2.00 feet above lsd. Highest water level 6.15 below lsd, May 10, 1961; lowest 8.63 below lsd, Dec. 15, 1959, May 25, 1962. Records available: 1959-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	7.57	7.71	7.74	7.70	7.73	7.41
Feb.	7.29	7.33	7.43	7.45	7.53	.....
Mar.	7.73	.....	7.87	7.86	7.97	.....
Apr.	8.49	8.54	8.62	8.59	8.20	8.27
May	8.35	8.43	8.51	8.52	8.63	8.62
June	8.13	8.01	8.03	8.22	8.28	8.30
July	8.19	7.94	7.94	7.87	7.82	7.65
Aug.	7.60	7.86	8.10	8.24	8.28	8.38
Sept.	8.19	8.02	7.95	7.70	7.20	7.25
Oct.	7.23	7.27	7.45	7.55	7.70	7.76
Nov.	7.86	7.88	7.99	8.00	7.17	8.03
Dec.	8.04	8.06	8.08	8.22	8.23	.....

28-1-2cb. (C) Bill Vanderhaff. Driven domestic and stock well in sand and gravel of Pleistocene age, diameter 1½ inches, depth 30 feet. Measuring point, top of pipe, 0.40 foot above lsd. Highest water level 9.90 below lsd, July 16, 1962; lowest 11.20 below lsd, Apr. 29, 1959. Records available: 1959-62. Jan. 16, 10.19; Apr. 16, 10.49; July 16, 9.90; Oct. 22, 10.34.

28-1-36adc. (C) George Lipke. Drilled irrigation well in sand and gravel of Pleistocene age, diameter 10 inches, depth 58 feet. Measuring point, hole in south edge of pump, 1.20 feet above lsd. Highest water level 28.47 below lsd, Apr. 16, 1962; lowest 30.09 below lsd, July 23, 1959. Records available: 1959-62. Jan. 16, 28.49; Apr. 16, 28.47; July 16, 28.88; Oct. 22, 28.76.

SEWARD COUNTY

15. (C) Cabot Carbon Co. SE SW 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, 0.20 foot above lsd. Highest water level 15.88 below lsd, May 3, 1944; lowest 19.60 below lsd, July 11, 1960. Records available: 1940-62. June 4, 18.34; Sept. 11, 18.26; Oct. 9, 18.10.

31-34-5aa. (C) Bob Harlow. Drilled abandoned irrigation water-table well in Ogallala Formation and deposits of Pleistocene age, diameter 6 inches, depth 44 feet. Measuring point, edge of ½-inch hole in southeast side of cover plate, at land surface. Highest water level 37.00 below lsd, June 4, 1962; lowest 38.47 below lsd, Sept. 11, 1962. Records available: 1940, 1962. Jan. 30, 38.02; June 4, 37.00; Sept. 11, 38.47; Oct. 2, 37.53.

31-34-17cb. (C) Carrie Young. Drilled stock water-table well in sand and gravel of Pleistocene age and Ogallala Formation, diameter 5 inches, depth 131 feet. Measuring point, north side between plate and shaft of pump, 0.20 foot above lsd. Highest water level 118.05 below lsd, Oct. 25, 1951; lowest 124.50 below lsd, Sept. 12, 1961. Records available: 1950-61. No measurement made in 1962.

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, 0.70 foot above lsd. Highest water level 172.46 below lsd, Mar. 12, 1957; lowest 180.62 below lsd, Nov. 6, 1958. Records available: 1956-61. No measurement made in 1962.

33-33-29dd. (C) Owner unknown. Drilled stock well in sand and gravel of Pleistocene age and Ogallala Formation, diameter 4 inches, depth (remeasured 1962) 176 feet. Measuring point, top west side of casing, 0.80 foot above lsd. Highest water level 168.25 below lsd, Nov. 13, 1956; lowest 173.64 below lsd, Oct. 9, 1962. Records available: 1955-62. Mar. 7, 170.46; June 4, 170.82; Sept. 12, 171.84; Oct. 9, 173.64.

SHAWNEE COUNTY

10-13-31baa. (C) Owner unknown. Drilled observation well in alluvium, diameter 1¼ inches, depth (remeasured 1962) 33 feet. Measuring point, top of pipe, 1.75 feet above lsd. Highest water level 11.30 below lsd, Dec. 1, 1961; lowest 15.59 below lsd, July 31, 1959. Records available: 1959-62.

Jan. 2	11.82	May 1	11.86	Sept. 4	13.45
Feb. 1	11.87	June 5	11.83	27	13.34
Mar. 9	11.45	July 2	11.77	Nov. 1	13.37
Apr. 2	11.49	27	13.87	30	13.57

11-15-13acc. (16) (C) Goodyear Tire and Rubber Co., Drilled observation water-table well in alluvium, diameter 2 inches, depth 70 feet. Measuring point, top east edge coupling, 1.80 feet above lsd. Highest water level 31.77 below lsd, Dec. 1, 1958; lowest 38.30 below lsd, Oct. 3, 1960. Records available: 1958-62.

Jan. 2	35.43	May 1	34.63	Sept. 4	35.52
Feb. 1	36.21	June 5	34.76	27	35.95
Mar. 9	35.83	July 2	34.92	Nov. 1	35.70
Apr. 2	35.72	27	34.97	30	35.78

11-15-13ccc. (17) (C) J. H. Skinner Co. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 77 feet. Measuring point, hole in southeast section of pump base, 0.80 foot above lsd. Measurement of 30.04 feet below lsd for June 1, 1959, erroneously published previously as 28.04. Highest water level 28.04 below lsd, Oct. 10, 1958; lowest 31.12 below lsd, Apr. 3, 1961. Records available: 1958-62.

Jan. 2	30.22	July 2	30.48	Sept. 27	30.66
Mar. 9	30.15	31	30.60	Nov. 1	30.55
Apr. 2	30.15	Sept. 4	30.70	30	30.65
June 5	30.50				

11-15-13dac. (2) (C) Goodyear Tire and Rubber Co., Drilled observation water-table well in alluvium, diameter 2 inches, depth 76 feet. Measuring point, top east edge of pipe coupling, 2.30 feet above lsd. Highest water level 28.67 below lsd, June 2, 1960; lowest 33.35 below lsd, Oct. 3, 1960. Records available: 1958-62.

Jan. 2	31.89	May 1	32.67	Sept. 4	32.19
Feb. 1	32.80	June 5	32.94	27	32.45
Mar. 9	32.52	July 2	33.14	Nov. 1	32.17
Apr. 2	32.26	31	33.33	30	32.13

11-15-13dbc. (4) (C) Goodyear Tire and Rubber Co. Drilled observation water-table well in alluvium, diameter 2 inches, depth 79 feet. Measuring point, top east edge of coupling, 1.50 feet above lsd. Highest water level 29.96 below lsd, Dec. 1, 1958; lowest 34.34 below lsd, Oct. 3, 1960. Records available: 1958-62.

Jan. 2	32.25	May 1	32.70	Sept. 4	33.35
Feb. 1	32.81	June 5	33.07	27	32.84
Mar. 9	32.30	July 2	33.16	Nov. 1	32.47
Apr. 2	33.22	31	33.30	30	32.40

11-15-13dbd. (3) (C) Goodyear Tire and Rubber Co. Drilled observation water-table well in alluvium, diameter 2 inches, depth 78 feet. Measuring point, top east edge of pipe, 2.20 feet above lsd. Highest water level 27.61 below lsd, Dec. 1, 1958; lowest 32.40 below lsd, Oct. 3, 1960. Records available: 1958-62.

Jan. 2	30.70	May 1	30.35	Sept. 4	31.38
Feb. 1	31.36	June 5	31.58	27	31.15
Mar. 9	30.98	July 2	31.70	Nov. 1	30.78
Apr. 2	31.17	31	31.90	30	30.74

11-15-13dcb. (5) (C) Topeka Implement Co. Drilled observation water-table well in alluvium, diameter 1½ inches, depth 42 feet. Measuring point, top east edge of pipe, 2.00 feet above lsd. Highest water

level 29.20 below lsd, Oct. 9, 1958; lowest 32.59 below lsd, Oct. 3, 1960. Records available: 1958-62.

Jan. 2	31.47	May 1	31.65	Sept. 4	32.23
Feb. 1	32.04	June 5	32.20	27	32.15
Mar. 9	31.69	July 2	32.25	Nov. 1	32.15
Apr. 2	31.79	31	32.38	30	31.75

11-15-14adb. (15) (C) Howard Jackson. Drilled irrigation water-table well in alluvium, diameter 24 inches, depth 58 feet. Measuring point, 1½-inch opening in floor on north side of pump, at land surface. Highest water level 29.30 below lsd, Dec. 16, 1933; lowest 33.65 below lsd, Mar. 1, 1961. Records available: 1933, 1959-62.

Jan. 2	32.95	May 1	32.92	Sept. 4	33.60
Feb. 1	32.81	June 5	32.93	27	33.31
Mar. 9	32.77	July 2	33.18	Nov. 1	33.38
Apr. 2	32.94	31	33.26	30	33.52

11-15-14cbb. (13) (C) R. H. Stover. Drilled irrigation water-table well in alluvium, diameter 17 inches, depth (remeasured 1962) 92 feet. Measuring point, plus mark south edge of pump, 1.00 foot above lsd. Highest water level 28.73 below lsd, Jan. 6, 1959; lowest 31.59 below lsd, Mar. 1, 1961. Records available: 1959-62.

Jan. 2	30.49	May 1	30.50	Sept. 4	31.06
Feb. 1	30.30	June 5	30.69	27	31.00
Mar. 9	30.31	July 2	30.75	Nov. 1	31.07
Apr. 2	30.36	31	31.04	30	31.29

11-15-14ccb. (12) (C) State of Kansas. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 48 feet. Measuring point, top east edge of pipe, 4.10 feet above lsd. Highest water level 24.80 below lsd, Oct. 10, 1958; lowest 28.95 below lsd, Mar. 1, 1961. Records available: 1958-62.

Jan. 2	27.68	May 1	27.60	Sept. 4	28.13
Feb. 1	27.58	June 5	27.83	27	28.13
Mar. 9	27.44	July 22	27.86	Nov. 1	28.23
Apr. 2	27.45	31	28.16	30	28.49

11-15-14dbb. (1) (C) R. Stover. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 39 feet. Measuring point, top east edge of pipe, 0.70 foot above lsd. Highest water level 25.90 below lsd, Jan. 6, 1959; lowest 28.85 below lsd, Oct. 10, 1958. Records available: 1958-62.

Jan. 2	27.91	May 1	27.86	Sept. 4	28.42
Feb. 1	27.79	June 5	27.96	27	28.32
Mar. 9	27.67	July 2	28.10	Nov. 1	28.33
Apr. 2	27.78	31	28.28	30	28.49

11-15-16c. (C) State Board of Agriculture. Drilled observation water-table well in alluvium, diameter 18 inches, depth (remeasured 1962) 38 feet. Measuring point, top of casing, 0.80 foot above lsd. Highest water level 8.87 below lsd, July 16, 1951; lowest 31.34 below lsd, Apr. 10, 15, 1957. Records available: 1950-62.

Water levels from recorder graph

Month	5	10	15	20	25	30
Jan.	24.68	24.82	24.84	24.93	24.99	25.00
Feb.	24.84	24.78	24.72	24.73	24.73	.....
Mar.	24.76	24.77	24.83	24.84	24.85	24.82
Apr.	24.77	24.75	24.78	24.85	24.88	24.94
May	25.03	25.08	25.17	25.30	25.40	25.49
June	25.43	25.35	25.29	25.30	25.38	25.47
July	25.56	25.67	25.74	25.77	25.82	25.89
Aug.	25.99	26.04	26.04	26.08	26.17	26.09
Sept.	26.06	26.07	26.12	26.13	26.08	26.03
Oct.	25.96	25.98	26.03	26.05	26.10	26.05
Nov.	26.21	26.26	26.30	26.33	26.36	26.40
Dec.	26.42	26.48	26.50	26.55	26.60	26.63

11-15-22aaa. (11) (C) F. E. Baird. Dug and drilled irrigation water-table well in alluvium, diameter 12 inches, depth 50 feet. Measuring point, notch in 2 x 6 plank over well pit, 1.00 foot above lsd. Highest water level 24.50 below lsd, Dec. 1, 1958; lowest 28.07 below lsd, Mar. 4, 1960. Records available: 1958-62.

Jan. 2	26.30	May 1	26.25	Sept. 27	26.74
Feb. 1	26.29	June 5	26.55	Nov. 1	26.88
Mar. 9	26.06	July 2	26.42	30	27.12
Apr. 2	26.10	31	26.73		

11-15-22cac. (10A) (C) E. L. Whiteman. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 48 feet. Measuring point, 1-inch threaded hole in south section of pump, 0.50 foot above lsd. Highest water level 13.84 below lsd, May 3, July 1, 1960; lowest 18.46 below lsd, May 1, 1961. Records available: 1958-62.

Jan. 2	15.39	June 5	15.25	Sept. 27	15.60
Mar. 9	14.85	July 2	14.75	Nov. 1	16.14
Apr. 2	14.65	31	15.01	30	16.59
May 1	15.28	Sept. 4	15.65		

11-15-23dbd. (10) (C) J. G. Meier. Drilled irrigation water-table well in alluvium, diameter 18 inches, depth 54 feet. Measuring point, hole in southwest section of pump base, 1.60 feet above lsd. Highest water level 21.76 below lsd, July 1, 1960; lowest 25.07 below lsd, Mar. 1, 1961. Records available: 1958-62.

Jan. 2	23.28	May 1	23.18	Sept. 4	23.45
Feb. 1	22.91	June 5	23.08	27	23.33
Mar. 9	22.51	July 2	22.35	Nov. 1	23.87
Apr. 2	22.43	31	22.92	30	24.37

11-15-24abc. (6) (C) S. A. Meier. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 53 feet. Measuring point, hole in northwest section of pump base, 0.80 foot above lsd. Highest water level 23.17 below lsd, Dec. 1, 1958; lowest 27.02 below lsd, Mar. 1, 1961. Records available: 1958-62.

Jan. 2	25.90	May 1	26.01	Sept. 4	26.95
Feb. 1	26.21	June 5	26.43	27	26.30
Mar. 9	25.95	July 2	26.30	Nov. 1	26.25
Apr. 2	25.95	31	26.39	30	26.39

11-15-24acd. (8) (C) Jackson Greenhouse. Drilled observation water-table well in alluvium, diameter 1¼

inches, depth (remeasured 1962) 43 feet. Measuring point, top of pipe, 0.06 foot below lsd. Highest water level 23.20 below lsd, Oct. 9, 1958; lowest 26.82 below lsd, Mar. 1, 1961. Records available: 1958-62.

Jan. 2	25.35	May 1	25.23	Sept. 4	25.50
Feb. 1	25.44	June 5	25.55	27	25.54
Mar. 9	25.02	July 2	25.09	Nov. 1	25.73
Apr. 2	24.95	31	25.10	30	26.00

11-15-24ada. (7) (C) J. H. Skinner and Co. Drilled irrigation water-table well in alluvium, diameter 16 inches, depth 78 feet. Measuring point, hole in northwest section of pump base, 0.60 foot above lsd. Highest water level 23.29 below lsd, Dec. 1, 1958; lowest 25.99 below lsd, Mar. 1, 1961. Records available: 1958-62.

Jan. 2	24.58	June 5	25.05	Sept. 27	24.88
Mar. 9	24.55	July 2	24.75	Nov. 1	24.95
Apr. 2	24.51	31	24.76	30	25.17
May 1	24.69	Sept. 4	24.99		

11-15-24dbd. (9) (C) I. A. Brown. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 35 feet. Measuring point, top edge of pipe, 3.20 feet above lsd. Highest water level 15.40 below lsd, Apr. 4, 1960; lowest 20.43 below lsd, Mar. 1, 1961. Records available: 1958-62.

Jan. 2	18.48	May 1	18.51	Sept. 4	18.71
Feb. 1	17.65	June 5	17.73	27	18.03
Mar. 9	17.77	July 2	18.34	Nov. 1	19.13
Apr. 2	17.50	31	17.80	30	19.72

11-16-18cad. (1) (C) R. W. Sowell. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth (remeasured 1962) 40 feet. Measuring point, top east edge of pipe, 2.50 feet above lsd. Highest water level 24.10 below lsd, Oct. 10, 1958; lowest 26.86 below lsd, July 2, 1962. Records available: 1958-62.

Jan. 2	26.23	May 1	26.46	Sept. 4	26.81
Feb. 1	26.46	June 5	26.77	27	26.57
Mar. 9	26.26	July 2	26.86	Nov. 1	26.45
Apr. 2	26.23	31	25.92	30	26.66

11-16-19ddd. (19) (C) Gibson Bros. Drilled observation water-table well in alluvium, diameter 1¼ inches, depth 50 feet. Measuring point, top of pipe, 1.8 feet above lsd. Highest water level 23.41 below lsd, July 2, 1962; lowest 24.55 below lsd, Nov. 30, 1962. Records available: 1962.

July 2	23.41	Sept. 27	23.90	Nov. 30	24.55
Sept. 4	23.75	Nov. 1	24.10		

11-16-20bac. (18) (C) Ray Mitchell. Dug irrigation water-table well in alluvium, diameter 36 to 16 inches, depth 45 feet. Measuring point, top south edge of north 2 x 8 edgewise, 0.40 foot above lsd. Highest water level 19.86 below lsd, July 1, 1960; lowest 22.05 below lsd, Mar. 1, 1961. Records available: 1959-62. Measurement discontinued.

Jan. 2	20.95	Mar. 9	20.60	May 1	20.67
Feb. 1	20.97	Apr. 2	20.68	June 5	20.84

11-16-20bc. (18A) (C) Mrs. Ray Mitchell. (Well approximately 150 feet south and 50 feet east of well 18.) Drilled observation water-table well in alluvium, diameter 1 1/4 inches, depth 34 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 20.88 below lsd, July 2, 1962; lowest 21.29 below lsd, Nov. 30, 1962. Records available: 1962.

July 2	20.88	Sept. 4	21.02	Nov. 1	21.00
31	20.92	27	20.90	30	21.29

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, 1.00 foot above lsd. Highest water level 107.50 below lsd, Apr. 14, 1961; lowest 108.78 below lsd, Apr. 12, 1960. Records available: 1952-62. Jan. 15, 108.42; Apr. 10, 108.55; July 16, 108.54; Oct. 9, 108.34.

7-29-30aa. (C) Darman Hill. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 179 feet. Measuring point, hole in pump base, 0.75 foot above lsd. Highest water level 121.49 below lsd, Oct. 9, 1962; lowest 125.97 below lsd, Sept. 4, 1962. Records available: 1962. Sept. 4, 125.97; Oct. 9, 121.49.

8-26-17cb. (C) Owner unknown. Drilled unused observation well in Ogallala Formation, diameter 5 inches, depth 55 feet. Measuring point, top of casing, 0.20 foot above lsd. Highest water level 46.55 below lsd, Jan. 16, 1961; lowest 49.03 below lsd, Nov. 26, 1956. Records available: 1952-62. Jan. 15, 47.24; Apr. 10, 47.00; July 16, 46.98; Oct. 10, 47.45.

8-28-28da. (C) Clance Shamberger. Drilled stock well in Ogallala Formation, diameter 6 inches, depth 106 feet. Measuring point, hole in south side of pump base, 1.00 foot above lsd. Highest water level 45.11 below lsd, Apr. 12, 1960; lowest 78.25 below lsd, Apr. 10, 1962. Records available: 1960-62. Apr. 10, 78.25; Oct. 9, 77.96.

9-30-35bb. (C) David Baalman. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 220 feet. Measuring point, hole in west side of pump base, 0.50 foot above lsd. Highest water level 122.70 below lsd, Oct. 9, 1962; lowest 124.15 below lsd, Sept. 5, 1962. Records available: 1962. Sept. 5, 124.15; Oct. 9, 122.70.

10-30-17da. (C) James Schroeder. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 167 feet. Measuring point, hole in east side of pump base, 0.70 foot above lsd. Highest water level 60.20 below lsd, Oct. 9, 1962; lowest 60.59 below lsd, Sept. 20, 1962. Records available: 1962. Sept. 20, 60.59; Oct. 9, 60.20.

SHERMAN COUNTY

6-42-2aaa. (C) Harvey J. Stewart. Drilled unused water-table stock well in Ogallala Formation, diameter 6 inches, depth 225 feet. Measuring point, top of casing, 0.70 foot above lsd. Highest water level 180.10 below lsd, July 12, 1961; lowest 183.34 below lsd, Oct. 13, 1960. Records available: 1959-62. Jan. 16, 181.63; Apr. 11, 181.28; July 17, 180.95; Oct. 9, 182.30.

7-39-30cc. (C) Bernard Borgman. Drilled irrigation

water-table well in Ogallala Formation. Measuring point, inside of pump head base on the east side just north of the east-west axis of the pump, 0.75 foot above lsd. Highest water level 115.42 below lsd, Oct. 9, 1962; lowest 116.82 below lsd, Sept. 6, 1962. Records available: 1962. Sept. 6, 116.82; Oct. 9, 115.42.

8-39-19caa. (C) Wm. Hall (City of Goodland). Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth 167 feet. Measuring point, top south side of casing, 0.40 foot above lsd. Highest water level 147.40 below lsd, Mar. 16, 1945; lowest 160.93 below lsd, Oct. 9, 1962. Records available: 1942-43, 1945, 1950-62.

1961		1961		1962	
Jan. 17	158.17	Oct. 18	159.19	Apr. 12	157.04
Apr. 13	157.15	1962		July 17	159.64
July 12	159.07	Jan. 16	158.13	Oct. 9	160.93

8-40-24baa. (C) Victoria Van Drasek Estate. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth 159 feet. Measuring point, top west side of casing, 0.70 foot above lsd. Highest water level 135.54 below lsd, Apr. 21, 1953; lowest 141.28 below lsd, July 14, 1959. Records available: 1948-62. Jan. 16, 140.77; Apr. 12, 140.87; July 16, 140.94; Oct. 9, 141.26.

8-42-4bb. (C) Bill R. Wright. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 322 feet. Measuring point, hole in south side of pump base, 1.00 foot above lsd. Highest water level 149.29 below lsd, Oct. 8, 1962; lowest 152.29 below lsd, Sept. 6, 1962. Records available: 1962. Sept. 6, 152.29; Oct. 8, 149.29.

9-39-30cbb. (C) Charles Glenn. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth 135 feet. Measuring point, top south side of casing, at land surface. Highest water level 117.99 below lsd, Jan. 20, 1953; lowest 119.02 below lsd, Apr. 12, 1962. Records available: 1948-62. Apr. 12, 119.02; July 18, 118.99; Oct. 8, 119.00.

9-42-11cc. (C) Emmett Blystone. Drilled irrigation water-table well in Ogallala Formation, diameter 16 inches, depth 280 feet. Measuring point, hole in north side of pump base, 1.00 foot above lsd. Highest water level 130.03 below lsd, Oct. 9, 1962; lowest 132.42 below lsd, Sept. 5, 1962. Records available: 1962. Sept. 5, 132.42; Oct. 9, 130.03.

SMITH COUNTY

4-14-32cb. (MB) U.S.B.R. Drilled observation well in alluvium, diameter 1 1/4 inches, depth 42 feet. Measuring point, top of pipe, 2.00 feet above lsd. Highest water level 22.55 below lsd, Aug. 14, 1962; lowest 37.62 below lsd, June 19, 1957. Records available: 1956-62.

Jan. 15	24.75	May 15	26.10	Aug. 14	22.55
Apr. 17	25.49	June 18	25.65	Oct. 16	22.80

4-14-34bc. (MB) Laura Davis. Dug stock water-table well in terrace deposits of Pleistocene age, diameter 32 inches, depth 46 feet. Measuring point, top south side of wooden platform, 2.00 feet above lsd. Highest water level 32.58 below lsd, Oct. 8, 1959; lowest 45.37 below lsd, Mar. 22, 1951. Records available: 1945-60, 1962. Mar. 14, 35.30.

4-14-34dd. (MB) U.S.G.S. Jetted well in terrace deposits of Pleistocene age, diameter 3/4 inch, depth 40 feet. Measuring point, top of pipe, 1.10 feet above lsd.

Highest water level 21.71 below lsd, Nov. 20, 1951; lowest 32.10 below lsd, June 20, 1957. Records available: 1951-60. No measurement made in 1962.

4-15-31cb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, 1.60 feet above lsd. Highest water level 6.88 below lsd, June 13, 1961; lowest 15.65 below lsd, July 26, 1957. Records available: 1951-62.

Jan. 15	8.67	May 15	9.10	Aug. 16	8.53
Apr. 17	8.49	June 18	8.78	Oct. 16	9.08

4-15-34bb. (MB) U.S.B.R. Drilled observation well in alluvium, diameter $1\frac{1}{4}$ inches, depth 58 feet. Measuring point, top of pipe, 2.20 feet above lsd. Highest water level 16.70 below lsd, Sept. 21, 1959; lowest 34.04 below lsd, June 19, 1957. Records available: 1956-62.

Jan. 15	18.00	May 15	18.95	Aug. 14	17.34
Apr. 17	18.79	June 18	18.98	Oct. 16	17.60

4-15-34cb. (MB) U.S.B.R. Drilled observation well in alluvium, diameter $1\frac{1}{4}$ inches, depth 38 feet. Measuring point, top of pipe, 2.60 feet above lsd. Highest water level 14.10 below lsd, Sept. 19, 1961; lowest 30.20 below lsd, May 14, 1957. Records available: 1956-62.

Jan. 15	15.20	May 15	16.00	Aug. 14	15.07
Apr. 17	15.55	June 18	16.05	Oct. 16	15.23

4-15-34da. (MB) U.S.B.R. Drilled observation well in alluvium, diameter $1\frac{1}{4}$ inches, depth 62 feet. Measuring point, top of pipe, 3.20 feet above lsd. Highest water level 19.80 below lsd, Aug. 16, 1960; lowest 34.60 below lsd, May 14, 1957. Records available: 1956-62.

Jan. 15	25.80	May 15	27.65	Aug. 14	22.90
Apr. 17	27.21	June 18	27.16	Oct. 16	23.33

4-15-35cc. (MB) U.S.B.R. Drilled observation well in alluvium, diameter $1\frac{1}{4}$ inches, depth 39 feet. Measuring point, top of pipe, 2.50 feet above lsd. Highest water level 4.20 below lsd, Sept. 13, 1960; lowest 12.86 below lsd, May 14, 1957. Records available: 1956-62.

Jan. 15	5.72	May 15	7.22	Aug. 14	7.30
Apr. 17	6.77	June 17	7.25	Oct. 16	7.47

5-13-4dc. (MB) Roy Eller. Dug domestic and stock water-table well in alluvium, diameter 24 inches, depth 43 feet, cribbed with rock. Measuring point, west side of cement curb, 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: 1945-60, 1962. Mar. 14, 13.60.

5-13-22bb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 24 feet. Measuring point, top of pipe, 2.70 feet above lsd. Highest water level 3.35 below lsd, Aug. 15, 1962; lowest 12.15 below lsd, Mar. 12, 1957. Records available: 1951-62.

Jan. 16	6.28	May 16	5.55	Aug. 15	3.35
Apr. 18	5.57	June 19	4.72	Oct. 17	4.20

5-13-34cc. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 35 feet. Measuring point, top of pipe, 1.80 feet above lsd. Highest water level 8.69 below lsd, July 19, 1961; lowest 24.23 below lsd, June 20, 1957. Records available: 1951-61. No measurement made in 1962.

5-13-35ad. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 29 feet. Measuring point, top of pipe, 1.60 feet above lsd. Highest water level 16.00 below lsd, Oct. 18, 1962; lowest 24.07 below lsd, Sept. 18, 1956. Records available: 1951-62.

Jan. 16	17.42	May 16	18.23	Aug. 16	16.57
Apr. 19	18.04	June 20	17.70	Oct. 18	16.00

5-14-1da. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 38 feet. Measuring point, top of pipe, 4.10 feet above lsd. Highest water level 13.10 below lsd, Oct. 17, 1962; lowest 27.40 below lsd, Mar. 12, 1957. Records available: 1951-62.

Jan. 16	15.25	May 16	15.35	Aug. 15	14.30
Apr. 18	15.35	June 19	15.30	Oct. 17	13.10

5-14-2ab. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter $\frac{3}{4}$ inch, depth 30 feet. Measuring point, top of pipe, 1.30 feet above lsd. Highest water level 9.47 below lsd, Sept. 18, 1957; lowest 22.25 below lsd, Apr. 18, 1957. Records available: 1951-60. No measurement made in 1962.

5-15-2dc. (MB) George K. Wamhoff. Drilled unused water-table well in terrace deposits of Pleistocene age, diameter 10 inches, depth (remeasured 1962) 38 feet. Measuring point since Mar. 1962, top west side of board platform, 0.80 foot above lsd. Highest water level 23.95 below lsd, Oct. 22, 1951; lowest 33.84 below lsd, Nov. 30, 1948. Records available: 1945-60, 1962. Mar. 14, 29.65.

STAFFORD COUNTY

19. (C) Atlantic Refining Co. SE SE sec. 27, T. 21 S., R. 13 W. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 13 feet. Measuring point, sand point driven in well pit, 0.20 foot below lsd. Measurements of 1958-61 published in error; they should be corrected by the addition of 0.40 foot. Measurements previously published for 1957 should be disregarded; corrected measurements are listed below. Highest water level 0.40 above lsd, Aug. 29, Sept. 20, 1950; lowest 11.22 below lsd, Apr. 9, 1957 (lowest erroneously reported previously as 11.04 below lsd, Aug. 1, 1942). Records available: 1942-62.

1957		1957		1962	
Feb. 18	10.57	Sept. 24	7.65	Apr. 17	4.59
Mar. 20	6.72	Nov. 19	6.58	May 24	5.52
Apr. 9	11.22	Dec. 16	6.19	Aug. 22	6.53
May 15	10.46	1962		Sept. 20	6.94
June 19	8.70	Jan. 17	5.00	Oct. 25	6.89
July 15	7.74	Feb. 19	4.67	Nov. 20	6.73
Aug. 12	8.10	Mar. 20	4.54	Dec. 26	6.70

22-13-29dal. (C) Mrs. L. C. Walls. Bored water-table observation well in Ogallala Formation, diameter $1\frac{1}{4}$ inches, depth 30 feet. Measuring point, top of pipe,

2.47 feet above lsd. Highest water level 10.11 below lsd, Sept. 27, 1961; lowest 11.30 below lsd, Dec. 26, 1962. Records available: 1961-62.

Jan. 17	10.37	May 24	10.61	Sept. 20	10.96
Feb. 19	10.53	June 20	10.86	Oct. 25	11.22
Mar. 20	10.39	July 17	10.83	Nov. 20	11.12
Apr. 17	10.59	Aug. 22	10.75	Dec. 26	11.30

25-13-3bb. (C) M. L. Halley. Driven unused water-table well in sand and gravel of Pleistocene age, diameter 4 inches, depth 32 feet. Sand point driven in well pit, measuring point, 0.80 foot above lsd. Highest water level 2.75 below lsd, May 21, 1952; lowest dry, Aug. 15, Oct. 22, Nov. 20, 1956. Records available: 1951-62.

Jan. 29	13.73	May 25	14.53	Sept. 20	15.59
Feb. 19	13.69	June 20	14.79	Oct. 24	15.44
Mar. 20	13.67	July 24	15.10	Nov. 20	15.89
Apr. 18	13.70	Aug. 20	15.71	Dec. 26	15.51

STANTON COUNTY

13. (C) Leah Carrithers. NE NE SE sec. 21, T. 27 S., R. 40 W. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth (remeasured 1962) 85 feet. Measuring point, at lower north edge of board, 1.00 foot above lsd. Highest water level 43.48 below lsd, Nov. 6, 1958; lowest 51.83 below lsd, Apr. 3, 1940. Records available: 1939-62. Feb. 7, 49.29; May 14, 49.82; Aug. 15, 49.95; Nov. 14, 51.82.

93. (C) Glenn Arnold. Cen. NE sec. 11, T. 29 S., R. 41 W. Drilled unused water-table well in Ogallala Formation, diameter 8 inches, depth 234 feet. Measuring point, top south edge of casing, 1.00 foot above lsd. Highest water level 173.14 below lsd, Feb. 9, 1955; lowest 184.38 below lsd, Nov. 14, 1962. Records available: 1939-62. Feb. 7, 182.92; May 14, 183.20; Aug. 15, 183.66; Nov. 14, 184.38.

27-39-27bb. (C) M. P. Molz. Drilled irrigation artesian well in deposits of Pliocene age, diameter 16 inches, depth 379 feet. Measuring point, hole in east side of steel pump base, 0.30 foot above lsd. Highest water level 78.41 below lsd, Jan. 30, 1959; lowest 107.70 below lsd, Aug. 19, 1959. Records available: 1958-62. Feb. 7, 85.99; Nov. 14, 101.56.

27-42-31cc. (C) Earl Anderson. Drilled irrigation water-table well in deposits of Pliocene age and Dakota Formation and Cheyenne Sandstone, diameter 16 inches, depth 400 feet. Measuring point, hole in east side of steel pump base, 1.00 foot above lsd. Highest water level 190.33 below lsd, Feb. 25, 1960; lowest 192.73 below lsd, Aug. 9, 1961. Records available: 1958-62. Feb. 7, 190.86.

28-39-14bbl. (C) Herb Campbell. Drilled unused artesian well in Ogallala Formation, diameter 16 inches, depth 419 feet. Measuring point, top east side of casing, at land surface. Highest water level 84.10 below lsd, May 11, 1960; lowest 90.14 below lsd, Aug. 15, 1962. Records available: 1959-62. Feb. 7, 87.04; May 14, 88.46; Aug. 15, 90.14.

28-39-29cd. (C) J. D. Burkham. Drilled irrigation water-table well in deposits of Pliocene age, diameter 16 inches, depth 400 feet. Measuring point, top of south-east side of pump base, 0.50 foot above lsd. Measurement of 109.57 below lsd for Nov. 6, 1958, erroneously published previously as 99.57. Highest water level 79.12 below lsd, May 28, 1958; lowest 109.57 below lsd, Nov. 6, 1958 (lowest erroneously reported previously as 108.50

below lsd, May 22, 1961). Records available: 1958-62. Feb. 7, 89.16.

30-43-34bb. (C) W. T. Lauman. Drilled irrigation artesian well in Ogallala Formation, diameter 16 inches, depth 103 feet. Measuring point, hole in south side of pump base, 1.15 feet above lsd. Highest water level 45.72 below lsd, Dec. 4, 1958; lowest 62.68 below lsd, Aug. 15, 1962. Records available: 1958-62. Feb. 6, 52.78; May 14, 57.85; Aug. 15, 62.68; Oct. 9, 59.17.

STEVENS COUNTY

31-36-2cd. (C) Mrs. Earl Clark. Drilled irrigation artesian well in deposits of Pliocene age, diameter 16 inches, depth 410 feet. Measuring point, lower edge of cutout on east side of steel pump base, 1.00 foot above lsd. Highest water level 140.50 below lsd, Mar. 21, 1960; lowest 149.23 below lsd, Jan. 4, 1960. Records available: 1958-60. No measurement made in 1962.

31-37-22bc. (C) Walter Crofts. Drilled domestic well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 258 feet. Measuring point, top of slit in cap on casing, 0.90 foot above lsd. Highest water level 122.20 below lsd, July 6, 1957 (highest erroneously published previously as 122.21 below lsd, June 3, 1958); lowest 143.37 below lsd, Aug. 22, 1960. Records available: 1956-62. Feb. 6, 128.02; May 1, 138.22.

33-36-26dd. (C) R. Heger. Drilled irrigation well in Ogallala Formation, diameter 16 inches, depth 360 feet. Measuring point, top edge of hole in pump base, 0.50 foot above lsd. Highest water level 119.10 below lsd, Feb. 6, 1962; lowest 139.06 below lsd, May 7, 1959. Records available: 1942, 1953-62. Feb. 6, 119.10; May 1, 125.02; Aug. 15, 130.80; Oct. 9, 132.76.

33-38-20aa. (C) Forrest Farrar. Drilled domestic well in deposits of Pleistocene age and Ogallala Formation, diameter 5 inches, depth (remeasured 1962) 112 feet. Measuring point, slit in steel plate over casing, 0.60 foot above lsd. Highest water level 76.96 below lsd, May 1, 1962; lowest 97.29 below lsd, Apr. 7, 1956. Records available: 1956-62. Feb. 6, 77.50; May 1, 76.96.

33-38-20dd. (C) John R. Slemper. Drilled irrigation well in Ogallala Formation, diameter 16 inches, depth 405 feet. Measuring point, west lower edge of pump, 1.10 feet above lsd. Highest water level 126.32 below lsd, Feb. 13, 1961; lowest 131.00 below lsd, Apr. 18, 1959. Records available: 1959-62. Oct. 9, 128.55.

SUMNER COUNTY

1. (C) Fred Kersey. SE SW sec. 5, T. 30 S., R. 2 E. Bored observation well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 28 feet. Measuring point, top of pipe, 3.10 feet above lsd. Highest water level 8.61 below lsd, June 6, 1957; lowest 14.47 below lsd, Dec. 18, 1956. Records available: 1954-62. Mar. 22, 10.33; Dec. 18, 10.62.

13. (C) M. C. Parker. SE SE sec. 7, T. 30 S., R. 2 E. Bored observation well in terrace deposits of Pleistocene age, diameter 1 1/4 inches, depth 30 feet. Measuring point, top of pipe, 3.30 feet above lsd. Highest water level 8.10 below lsd, Apr. 2, 1958; lowest 14.64 below lsd, Mar. 19, 1957. Records available: 1954-62. Mar. 22, 11.48; Dec. 18, 11.79.

14. (C) M. C. Parker. SE SE sec. 7, T. 30 S., R. 2 E. Bored observation well in alluvium, diameter 1 1/4 inches, depth 27 feet. Measuring point, top of pipe, 3.30 feet above lsd. Highest water level 1.90 below lsd, Apr. 2, 1958; lowest 11.60 below lsd, Mar. 19, 1957. Records available: 1954-62. Mar. 22, 5.92; Dec. 18, 6.12.

19. (C) Thomas Graber. NW SE sec. 17, T. 30 S., R. 2 E. Bored observation well in terrace deposits of

Pleistocene age, diameter 1¼ inches, depth 29 feet. Measuring point, top of pipe, 1.60 feet above lsd. Highest water level 6.65 below lsd, June 6, 1957; lowest 12.18 below lsd, Sept. 13, 1956. Records available: 1954-62. Mar. 22, 10.24; Dec. 18, 9.57.

21. (C) Wm. Van Warmer. SW SE sec. 21, T. 30 S., R. 2 E. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 13 feet. Measuring point, top of pipe, 1.50 feet above lsd. Highest water level 2.55 below lsd, Apr. 2, 1958; lowest 6.70 below lsd, Mar. 19, 1957. Records available: 1954-62. Mar. 22, 3.28; Dec. 18, 4.12.

23. (C) H. E. Zolter. SW SE sec. 18, T. 30 S., R. 2 E. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 26 feet. Measuring point since Mar. 22, 1962, top of pipe, 3.80 feet above lsd. Highest water level 7.44 below lsd, Apr. 2, 1958; lowest 11.57 below lsd, Sept. 13, Dec. 19, 1956. Records available: 1954-62. Mar. 22, 9.10; Dec. 18, 9.38.

24. (C) M. Carl. NE NE sec. 18, T. 30 S., R. 2 E. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 30 feet. Measuring point, top of pipe, 3.50 feet above lsd. Highest water level 8.17 below lsd, June 6, 1957; lowest 14.83 below lsd, Dec. 19, 1956. Records available: 1954-62. Mar. 22, 10.80; Dec. 18, 11.03.

25. (C) Harold Martin. NE NW sec. 11, T. 30 S., R. 1 E. Bored observation well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 32 feet. Measuring point, top of pipe, 2.40 feet above lsd. Highest water level 8.93 below lsd, Dec. 28, 1961; lowest 13.43 below lsd, Dec. 19, 1956. Records available: 1954-62. Mar. 22, 9.26; Dec. 18, 10.03.

THOMAS COUNTY

7. (C) City of Brewster. NW NE sec. 18, T. 8 S., R. 36 W. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 138 feet. Measuring point, top west side of casing, 0.30 foot above lsd. Measurement of 125.79 feet below lsd for July 8, 1953, erroneously published previously as 110.85. Highest water level 122.99 below lsd, July 20, 1949 (highest erroneously reported previously as 110.85 below lsd, July 8, 1953); lowest 128.02 below lsd, Oct. 14, 1948. Records available: 1942-62. Jan. 16, 124.10; Apr. 12, 124.10; July 17, 124.30; Oct. 9, 124.05.

26. (C) Thomas A. Ryan. NE SE sec. 27, T. 8 S., R. 32 W. Drilled unused water-table well in Ogallala Formation, diameter 8 inches, depth (remeasured 1962) 156 feet. Measuring point, top west side of casing, 0.60 foot above lsd. Measurements for January 1958 reported in KGS Bull. 146 in error and should be disregarded; corrected measurements are listed below. Highest water level 109.24 below lsd, July 16, 1962 (highest erroneously reported previously as 108.46 below lsd, Jan. 18, 1958); lowest 124.78 below lsd, Apr. 14, 1951. Records available: 1942-62. 1958: Jan. 12, 118.00; Jan. 18, 109.96; Jan. 19, 113.73. 1962: Jan. 15, 109.35; Apr. 13, 109.30; July 16, 109.24.

33. (C) Arch Ball. NW NW sec. 7, T. 9 S., R. 33 W. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth (remeasured 1962) 128 feet. Measuring point, top south edge of cylinder in motor block, 1.60 feet above lsd. Measurement of 120.30 feet below lsd, of Apr. 14, 1949, erroneously published previously as 121.30. Highest water level 114.24 below lsd, Oct. 25, 1954; lowest 120.30 below lsd, Apr. 14, 1949. Records available: 1942-52, 1954, 1956-62. Jan.

15, 115.23; Apr. 13, 115.22; July 16, 115.15; Oct. 9, 115.15.

6-34-17cb. (C) Conrad Dechert. Drilled irrigation water-table well in Ogallala Formation, diameter 16 inches, depth 263 feet. Measuring point, hole in west side of pump base, 0.50 foot above lsd. Highest water level 152.60 below lsd, Oct. 9, 1962; lowest 155.15 below lsd, Sept. 12, 1962. Records available: 1962. Sept. 12, 155.15; Oct. 9, 152.60.

7-31-26cc. (C) Irene Rall. Drilled irrigation water-table well in Ogallala Formation, diameter 14 inches, depth 176 feet. Measuring point, hole in inside ring of pump head base on the east side, 0.90 foot above lsd. Highest water level 102.79 below lsd, Oct. 9, 1962; lowest 103.25 below lsd, Sept. 13, 1962. Records available: 1962. Sept. 13, 103.25; Oct. 9, 102.79.

7-36-17cc. (C) Ray H. Mayer. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 225+ feet. Measuring point, hole in pump base, 1.00 foot above lsd. Highest water level 132.50 below lsd, Oct. 9, 1962; lowest 133.32 below lsd, Sept. 12, 1962. Records available: 1962. Sept. 12, 133.32; Oct. 9, 132.50.

8-34-1ba. (C) U.S.D.A. and Kansas Agricultural Experiment Station. Drilled unused water-table well in Ogallala Formation, depth 160 feet. Measuring point, top of casing, 0.27 foot above lsd. Highest water level 112.31 below lsd, May 27, 1954; lowest 114.92 below lsd, Sept. 5, 1962. Records available: 1947-62. Recorder inoperative Jan. 1 to July 9, 1962.

Jan. 15	114.11	Mar. 15	113.83	May 11	113.77
Feb. 15	114.04	Apr. 13	113.67	June 13	113.90

Water levels from recorder graph

Month	5	10	15	20	25	30
July	.....	113.98	114.05	114.08	114.13	114.21
Aug.	114.37	114.48	114.59	114.63	114.74	114.84
Sept.	114.92	114.91	114.90	114.86	.....	.....
Oct.	114.75	.....	114.76	114.64	114.50	114.53
Nov.	.....	.....	114.49	114.44	114.35	114.34
Dec.	114.26	114.24	114.22	114.21	114.19	114.07

TREGO COUNTY

14-21-33bb. (MB) U.S.G.S. Jetted observation well in terrace deposits of Pleistocene age, diameter ¾ inch, depth (remeasured 1962) 27 feet. Measuring point since Mar. 1962, top of pipe, 2.65 feet above lsd. Highest water level 6.90 below lsd, Aug. 3, 1950; lowest 18.74 below lsd, June 8, 1956. Records available: 1950-62. Mar. 14, 14.13; June 29, 13.79; Oct. 2, 13.71; Dec. 3, 13.80.

14-22-26add. (MB) U.S.B.R. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter 1¼ inches, depth 74 feet. Measuring point, top of pipe, 2.30 feet above lsd. Highest water level 16.49 below lsd, Apr. 13, 1962; lowest 17.29 below lsd, Dec. 3, 1962. Records available: 1962. Apr. 13, 16.49; June 29, 16.90; Oct. 2, 16.90; Dec. 3, 17.29.

14-22-26da. (MB) U.S.B.R. Drilled observation water-table well in terrace deposits of Pleistocene age, diameter 6 inches, depth 92 feet. Measuring point, top of pipe, 1.00 foot above lsd. Highest water level 16.68 below lsd, Mar. 14, 1962; lowest 71.86 below lsd, Oct. 29, 1949. Records available: 1949, 1952-57, 1960-62. Mar. 14, 16.68. Measurement discontinued.

14-22-36aa. (MB) U.S.G.S. Drilled observation water-table well in terrace deposits of Pleistocene age,

diameter 1¼ inches, depth (remeasured 1962) 64 feet. Measuring point since Mar. 1962, top of pipe, 1.40 feet above lsd. Highest water level 26.82 below lsd, Dec. 5, 1960; lowest 43.11 below lsd, Mar. 16, 1950. Records available: 1949-54, 1956-62. Mar. 14, 26.92; June 29, 27.08; Oct. 2, 27.03; Dec. 3, 26.90.

WALLACE COUNTY

12-40-14ba. (C) W. P. Kirkham. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth 24 feet. Measuring point, top north side of casing under tin cover, 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: 1948-62. Jan. 16, 20.36; Apr. 12, 20.38; Oct. 8, 20.98.

15-39-2bc. (C) Frazier Farms. Drilled irrigation water-table well in Ogallala Formation, diameter 30 inches, depth 195 feet. Measuring point, hole in southwest side of pump, 0.20 foot above lsd. Highest water level 112.02 below lsd, June 23, 1958; lowest 116.68 below lsd, Nov. 5, 1962. Records available: 1958, 1962. 1958: June 23, 112.02. 1962: Nov. 5, 116.68.

15-40-2bb. (C) Owner unknown. Drilled unused water-table well in Ogallala Formation, diameter 5 inches, depth 112 feet. Measuring point, hole in west side of pump, 1.60 feet above lsd. Highest water level 86.68 below lsd, Mar. 31, 1959; lowest 88.92 below lsd, June 6, 1962. Records available: 1958-62. Mar. 9, 87.99; June 6, 88.92; Sept. 5, 88.76; Nov. 5, 88.75.

WICHITA COUNTY

16-35-20cc. (C) F. F. Miller. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth (remeasured 1962) 186 feet. Measuring point, hole in base of pump, 0.50 foot above lsd. Highest water level 103.24 below lsd, May 7, 1951; lowest 124.10 below lsd, Dec. 12, 1960. Records available: 1951, 1953-62. Mar. 9, 114.15; June 6, 116.70.

16-37-13bb. (C) C. Pearson. Drilled irrigation water-table well in Ogallala Formation, depth (remeasured 1962) 136 feet. Measuring point, hole in west side of pump base, at land surface. Highest water level 77.65 below lsd, June 14, 1951; lowest 91.93 below lsd, Oct. 6, 1955. Records available: 1951, 1953-62. Mar. 9, 83.80; June 6, 84.72; Sept. 5, 86.32.

16-37-30ac. (C) H. E. Thurston. Drilled irrigation water-table well in Ogallala Formation, diameter 18 inches, depth 220 feet. Measuring point, hole in west side of pump base, 0.30 foot above lsd. Highest water level 80.74 below lsd, Mar. 29, 1951; lowest 114.40 below lsd, Sept. 28, 1960. Records available: 1951, 1959-62. 1951: Mar. 29, 80.74. 1962: June 6, 103.78; Sept. 5, 113.90; Nov. 5, 108.90.

18-35-14dc. (C) A. H. Conrady. Drilled irrigation water-table well in Ogallala Formation, diameter 16 inches, depth (remeasured 1962) 139 feet. Measuring point, hole in north side of pump base, 0.40 foot above lsd. Highest water level 79.74 below lsd, Apr. 11, 1951; lowest 97.93 below lsd, Sept. 13, 1961. Records available: 1951, 1958-62. Mar. 9, 85.77; Sept. 5, 97.59.

18-37-21bb. (C) Ruth Gibson. Drilled irrigation water-table well in Ogallala Formation, diameter 16 inches, depth 195 feet. Measuring point, edge of 1-inch hole in southwest side of pump base, 0.30 foot above lsd. Highest water level 98.26 below lsd, Feb. 20, 1962; lowest 113.67 below lsd, Sept. 5, 1962. Records available: 1962.

Feb. 20	98.26	June 6	101.10	Dec. 11	103.29
Mar. 9	98.30	Sept. 5	113.67		

20-36-14dad. (C) Elmer Hartman. Drilled unused water-table well in Ogallala Formation, diameter 6 inches, depth 116 feet. Measuring point, top of casing, 0.50 foot above lsd. Highest water level 93.95 below lsd, Dec. 13, 1960; lowest 104.87 below lsd, Aug. 4, 1947 (lowest erroneously reported previously as 97.35 below lsd, Apr. 26, 1950). Records available: 1947-61. No measurement made in 1962.

WOODSON COUNTY

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, 1.10 feet above lsd. Highest water level 4.36 below lsd, Aug. 2, 1951; lowest 14.26 below lsd, Nov. 3, 1956. Records available: 1948-52, 1956-57. No measurement made in 1962.

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