

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION

WATER LEVELS IN OBSERVATION WELLS  
IN NEBRASKA DURING 1956

by C. F. Keech

Prepared in cooperation with the Conservation and Survey Division  
of the University of Nebraska, and as part of the program  
of the Department of the Interior for development of the  
Missouri River basin

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## INTRODUCTION

The objective of the observation-well program in Nebraska is to provide an evaluation of the status of the ground-water supplies. Many uses for water-level data are known but not all potential uses can be foreseen. Among the important uses are the following:

- (1) To indicate the status of ground water in storage or in transit and the availability of supplies.
- (2) To show the trend of ground-water supplies and the outlook for the future.
- (3) To estimate or forecast the base flow of streams.
- (4) To indicate areas in which the water level is approaching too close to the land surface (water-logging) or is receding toward economic limits of lift or toward impairment by water of poor quality.
- (5) To provide long-term evidence for evaluating the effectiveness of land-management and water-conservation programs in relation to water conservation actually effected, and for use in basin or "watershed" studies.
- (6) To provide long-term continuous records to serve as a framework to which short-term records collected during intensive investigation may be related.



The water level in an observation well functions as a gage to indicate the position of the water table. The water table is defined as the upper surface of the zone of saturation except where that surface is formed by overlying impermeable materials. The water table is also the boundary between the zone of saturation and the zone of aeration. It is not a level surface but is a sloping surface that has many irregularities, and it often conforms in a general way to the land surface. The irregularities are caused by several factors. In places where the recharge to the ground-water reservoir is exceptionally large, the water table may rise to form a mound from which the water slowly spreads. Depressions or troughs in the water table indicate places where the ground water is discharging, as along streams that are below the normal level of the water table, or indicate places where water is being withdrawn by wells or vegetation.

The several factors that influence the water table vary in fact and amount from time to time because of changes in weather and the water requirements of vegetation and man; thus, the water table is nearly always rising or falling.

The fluctuations of the water table are shown by the changes in water levels in wells. Thus, the rate and amount of the fluctuation of the water table can be ascertained by observing the water levels in wells, and the magnitude of the several factors effecting the position of the water table can be interpreted by analyzing the water-level data.

Water-level measurements are given, in this report, in feet below the land surface at the well site. Water levels that are above land surface are preceded by a plus (+) sign in the tables, whereas those below land surface have no sign but are understood to be minus (-). The words "land-surface datum" are abbreviated "lsd" in some places in tables of this report.

The altitude above mean sea level (msl) of the land surface at many of the well sites has been determined and is included in the tables of this report.

Twenty-eight observation wells in Nebraska are equipped with recording gages. Each recording gage produces a continuous graph of water-level fluctuations in the well. Only the lowest water level on the last day of record in each month, as recorded by the gage, is given in this report; the complete record is on file in the office of the U. S. Geological Survey in Lincoln, Nebr.

#### SCOPE OF WATER-LEVEL PROGRAM

The observation-well program in Nebraska, which was begun in 1934 in cooperation with the Conservation and Survey Division of the University of Nebraska, was continued in 1956. Many of the well measurements in this report have been collected and compiled as part of the Missouri River Basin Development Program of the United States Department of the Interior. Water-level measurements that have been made but are not listed in this report are kept in open file pending

publication in other reports. The locations of the 765 observation wells for which measurements are included in this report are shown in figure 1.

Most of the measurements in observation wells were made by G. C. Chipps and J. W. Nelson of the Geological Survey. R. L. Case and F. A. Adams, also of the Geological Survey, compiled the data in the report, and F. A. Adams typed it.

The following organizations cooperated informally in the water-level measurement program: U. S. Bureau of Reclamation in the Republican River valley; U. S. Fish and Wildlife Service in Cherry and Garden Counties; Central Nebraska Public Power and Irrigation District in Lincoln County; Platte Valley Public Power and Irrigation District in Keith County; Midstate Reclamation District in Buffalo, Hall, and Merrick Counties; and State Bureau of Irrigation and Drainage in Morrill County.

The following table lists the number of observation wells by counties and the pages on which the records appear in this report:



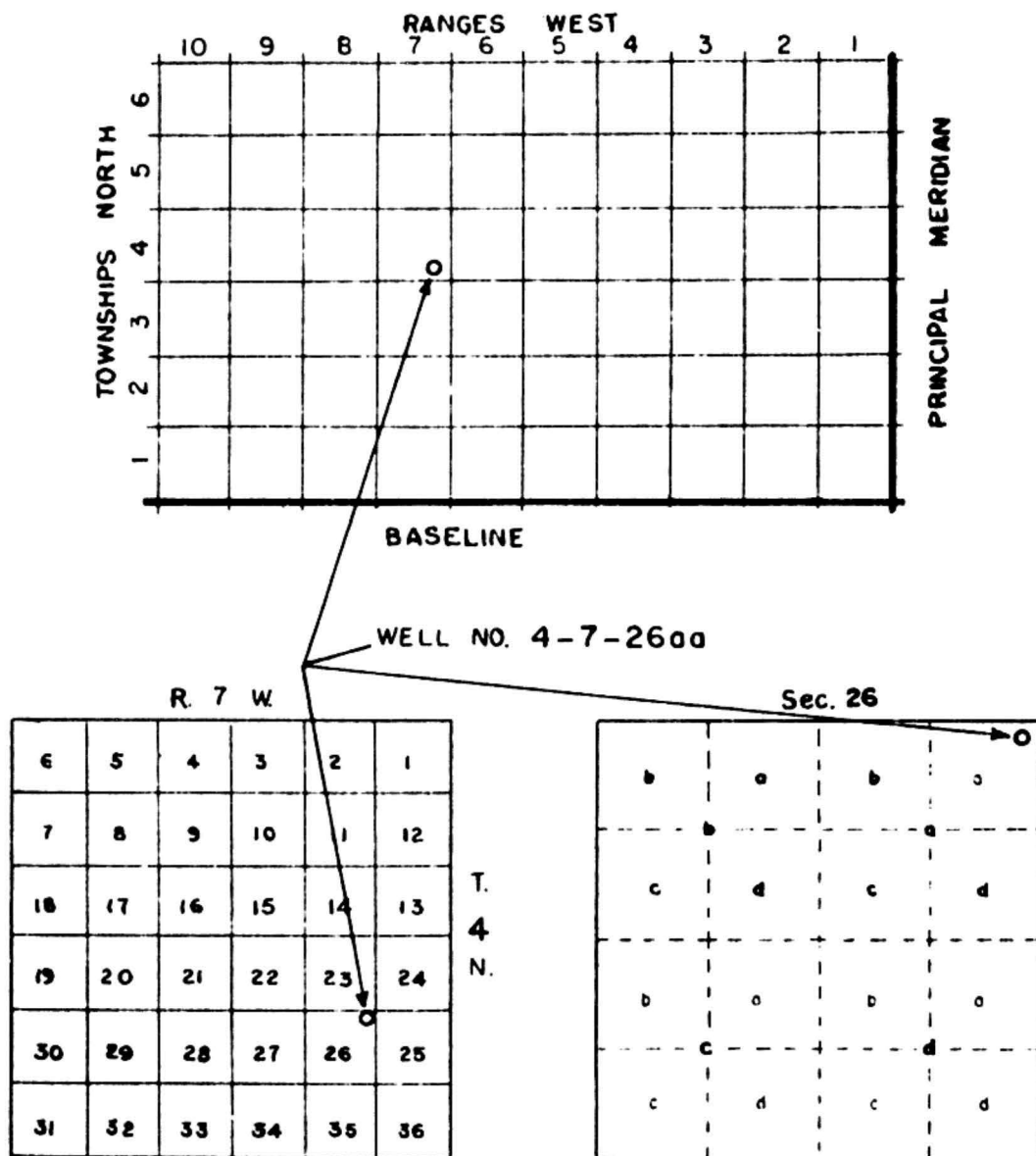
<u>County</u>	<u>Number of wells</u>	<u>Page</u>	<u>County</u>	<u>Number of wells</u>	<u>Page</u>
Adams.....	10	1	Jefferson.....	1	72
Antelope...	3	2	Johnson.....	1	72
Banner.....	2	2	Kearney.....	16	72
Blaine.....	2	3	Keith.....	3	74
Boone.....	5	3	Kimball.....	7	75
Box Butte..	22	4	Knox.....	5	76
Boyd.....	3	7	Lancaster.....	28	77
Brown.....	23	7	Lincoln.....	14	83
Buffalo....	42	12	Loup.....	3	86
Burt.....	1	18	Madison.....	5	86
Butler.....	7	18	McPherson.....	1	87
Cass.....	1	19	Merrick.....	96	87
Cedar.....	2	19	Morrill.....	6	99
Chase.....	2	20	Nance.....	17	100
Cherry.....	57	20	Nuckolls.....	5	103
Cheyenne...	6	28	Otoe.....	2	104
Clay.....	7	29	Pawnee.....	1	104
Colfax.....	8	31	Perkins.....	1	104
Cuming.....	5	32	Phelps.....	14	105
Custer.....	7	33	Pierce.....	1	107
Dakota.....	1	34	Platte.....	8	107
Dawes.....	2	34	Polk.....	11	108
Dawson.....	23	35	Redwillow.....	5	109
Deuel.....	3	38	Richardson....	5	111
Dixon.....	1	38	Rock.....	2	112
Dodge.....	13	38	Saline.....	1	112
Douglas....	1	40	Sarpy.....	1	112
Dundy.....	8	40	Saunders.....	6	112
Fillmore...	9	41	Scotts Bluff..	5	114
Franklin...	4	44	Seward.....	1	114
Furnas.....	6	45	Sheridan.....	14	115
Garden.....	34	46	Sherman.....	1	116
Garfield...	2	54	Stanton.....	4	117
Gosper.....	5	54	Thayer.....	2	117
Grant.....	1	55	Thomas.....	2	118
Greeley....	4	55	Thurston.....	2	118
Hall.....	58	56	Valley.....	18	118
Hamilton...	5	64	Washington....	2	120
Harlan.....	3	65	Wayne.....	1	121
Hayes.....	3	65	Webster.....	5	121
Hitchcock..	7	66	Wheeler.....	1	122
Holt.....	6	68	York.....	6	122
Hooker.....	2	69	TOTAL.....	765	
Howard.....	19	69			

## WELL-NUMBERING SYSTEM

The wells are numbered according to their location within the land subdivisions of the Bureau of Land Management Survey of Nebraska. The numbers of wells east of the sixth principal meridian, which passes along the Thayer-Jefferson County line in a north-south direction, are preceded by the capital letter A; those west of the sixth principal meridian have no preceding letter. The first numeral indicates the township, the second the range, and the third the section. The lower-case letters which follow the section number indicate the position of the well within the section. The first letter indicates the quarter section and the second letter the quarter-quarter section. The letters a, b, c, and d are applied in a counterclockwise direction beginning with a in the northeast quadrant. A numeral following the lower-case letters is the serial number of the well within the quarter-quarter section indicated by the last letter; no number is shown unless more than one well is within the quarter-quarter section.

## PRECIPITATION

The drought which had been in progress in the plains states from Nebraska southward for several years intensified during 1956. It became one of the worst of record. The area affected included the western edge of the corn belt in eastern Nebraska as well as the wheat, hay, and range lands of the central and west. Another feature of the weather was the persistence of warm weather in early spring and late fall.



Sketch showing well-numbering system

The preceding paragraph was taken from the 1956 annual summary of "Climatological Data, Nebraska", compiled by the U. S. Department of Commerce, Weather Bureau.



Adams County

5-9-9dc. Dan McClarry. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 142 feet. Land-surface datum is 1,794.23 feet above msl. Highest water level 35.65, May 26, 1949; lowest water level 38.21, Dec. 5, 1956. Records available: 1947-56. Dec. 5, 38.21.

6-9-4cb. J. P. Larson. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 145 feet. Land-surface datum is 1,891.85 feet above msl. Highest water level 102.62, June 17, 1952; lowest water level 103.98, Dec. 5, 1956. Records available: 1947-56. Dec. 5, 103.98.

6-10-23bb. U. S. Geol. Survey. Driven observation water-table well in sand and clay, diameter 1 inch, depth 18 feet. Land-surface datum is 1,815.27 feet above msl. Highest water level 2.05, May 26, 1949; lowest water level 10.43, Apr. 12, 1937. Records available: 1936-40, 1942, 1946-56. Dec. 5, 8.85.

6-11-22cc. Lenard Parr. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 145 feet. Highest water level 90.26, Oct. 24, 1951; lowest water level 93.47, Dec. 5, 1956. Records available 1950-56. Dec. 5, 93.47.

7-9-12dc. Eugene Halloran. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 205 feet. Land-surface datum is 1,890.48 feet above msl. Highest water level 110.61, June 17, 1952; lowest water level 112.82, Dec. 5, 1956. Records available: 1948-56. Dec. 5, 112.82.

7-10-23ab. Henry Fricke. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 8 inches, depth 155 feet. Land-surface datum is 1,927 feet above msl. Highest water level 99.95, Jan. 22, and Mar. 14, 1935; lowest water level 104.66, Dec. 5, 1956. Records available: 1934-38, 1948-56. Dec. 5, 104.66.

7-11-3cb. Vic Katzberg. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 182 feet. Land-surface datum is 2,020.04 feet above msl. Highest water level 110.74, June 17, 1952; lowest water level 112.76, Dec. 5, 1956. Records available: 1947-56. Dec. 5, 112.76.

7-12-15ca. Roscoe Karr. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 180 feet. Land-surface datum is 2,056.9 feet above msl. Highest water level 94.63, Dec. 16, 1954; lowest water level 98.05, Nov. 17, 1947. Records available: 1947-51, 1954-56. Dec. 5, 96.25.

### Adams County--Continued

8-9-14ac. Charles Anderson. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 149 feet. Land-surface datum is 1,907.71 feet above msl. Highest water level 107.78, June 17, 1952; lowest water level 115.42, Dec. 5, 1956. Records available: 1948-52, 1954, 1956. Dec. 5, 115.42.

8-10-26da. Staltz. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 162 feet. Highest water level 96.10, Aug. 22, 1951; lowest water level 101.72, Dec. 5, 1956. Records available: 1948-52, 1954-56. Dec. 5, 101.72.

### Antelope County

24-5-5bb. Glen Cowan. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 100 feet. Highest water level 24.60, Nov. 8, 1951; lowest water level 29.78, Nov. 14, 1956. Records available: 1951-56. Nov. 14, 29.78.

24-6-27bb. Gerald Baker. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 190 feet. Highest water level 15.83, Aug. 31, 1951; lowest water level 22.05, Nov. 14, 1956. Records available 1951-56. Nov. 14, 22.05.

25-7-3db. Oscar Larsen. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 103 feet. Highest water level 7.05, Aug. 31, 1951; lowest water level 13.90, Nov. 14, 1956. Records available: 1951, 1953-56. Nov. 14, 13.90.

### Banner County

19-54-15bb. Bert Rodgers. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 50 feet. Highest water level 22.40, July 13, 1949; lowest water level 32.81, Sept. 19, 1952. Records available: 1949-52, 1954, 1956. Oct. 10, 32.65.

19-55-29ac. Fred Grant. Dug unused water-table well in sand of Pleistocene age, concrete lining, size 6 by 8 feet, depth 44 feet. Highest water level 26.38, Oct. 27, 1938; lowest water level 36.40, May 18, 1951. Records available: 1934-42, 1949-56. Oct. 11, 33.65.

### Blaine County

22-24-33ca. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 13 feet. Highest water level 1.04, Mar. 8, 1950; lowest water level 6.97, Aug. 8, 1951. Records available 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 21	3.94	Oct. 29	5.20	Nov. 26	4.54	Dec. 26	4.60
Oct. 15	5.50	Nov. 13	4.77				

23-22-22cb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 22 feet. Land-surface datum is 2,496.6 feet above msl. Highest water level 15.43, Oct. 18, 1951; lowest water level 18.12, July 23, 1940. Records available: 1936-42, 1949-56. May 21, 16.45.

### Boone County

18-7-4ca. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 22 feet. Highest water level 10.82, July 24, 1950; lowest water level 15.17, Oct. 26, 1940. Records available 1937-42, 1948-56. Apr. 17, 13.43.

19-5-28cd. Lawrence Bryan. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, reported depth 147 feet. Highest water level 31.62, July 25, 1950; lowest water level 36.53, Aug. 17, 1954. Records available: 1948-56. Apr. 18, 34.85.

19-8-16cc. Charles J. Dresch. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, reported depth 165 feet. Highest water level 43.66, May 8, 1951; lowest water level 46.11, Aug. 4, 1949. Records available 1948-56. Apr. 17, 44.98.

20-6-23bb. W. W. Redler. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 22 inches, depth 100 feet. Highest water level 28.15, July 25, 1950; lowest water level 33.18, Aug. 17, 1954. Records available: 1948-56. Apr. 18, 32.55.

## Boone County--Continued

21-7-26ca. U. S. Geol. Survey. Drilled observation water-table well in loess of Pleistocene age, diameter 3 inches, depth 24 feet. Highest water level 14.13, Aug. 22, 1950; lowest water level 21.07, Oct. 14, 1938. Records available: 1936-42, 1948-51, 1953, 1955-56. Apr. 18, 16.87.

## Box Butte County

24-47-1db. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 19 feet. Land-surface datum is 3,909.4 feet above msl. Highest water level 11.14, Mar. 25, 1948; lowest water level 13.36, Oct. 17, 1955. Records available: 1946-56. Mar. 12, 12.87.

24-48-4bb. U. S. Geol. Survey. Driven observation water-table well in sediments of Quaternary age, diameter 1 1/4 inches, depth 22 feet. Land-surface datum is 3,942.8 feet above msl. Highest water level 13.32, Apr. 11, 1946; lowest water level dry, Mar. 12, 1956. Records available: 1946-56. Mar. 12, dry.

24-48-10bb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 8 inches, depth 26 feet. Land-surface datum is 3,941.1 feet above msl. Highest water level 9.82, July 14, 1949; lowest water level 17.10, Oct. 13, 1956. Records available: 1946-56. Mar. 12, 16.39; Oct. 13, 17.10.

24-48-11dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 14 feet. Land-surface datum is 3,930.2 feet above msl. Highest water level 3.81, July 14, 1949; lowest water level 8.04, Oct. 13, 1956. Records available: 1946-56. Mar. 12, 6.86; Oct. 13, 8.04.

24-52-13cbb1. Dr. G. D. Shepard. Drilled domestic water-table well in sand of Tertiary age, diameter 6 inches, depth 85 feet. Highest water level 74.35, Sept. 14, 1949; lowest water level 78.66, July 12, 1955. Records available: 1938, 1940, 1942, 1944, 1946-52, 1954-56. Mar. 12, 77.99.

24-52-35aa. G. Arthur Bailey. Drilled stock water-table well in Harrison sandstone of Tertiary age, diameter 4 inches, depth 120 feet. Highest water level 97.46, Oct. 13, 1956; lowest water level 99.13, May 9, 1946. Records available: 1938-41, 1946-51, 1954-56. Oct. 13, 97.46.

Box Butte County--Continued

25-47-31cc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 21 feet. Land-surface datum is 3,942.72 feet above msl. Highest water level 14.29, Aug. 28, 1947; lowest water level dry at 20.40, Mar. 12, 1956. Records available: 1946-56. Mar. 12, dry at 20.40.

25-48-4ddd1. U. S. Geol. Survey. Drilled observation water-table well in sand of Marsland formation of Tertiary age, diameter 1 1/4 inches, depth 98 feet. Land-surface datum is 4,032.95 feet above msl. Highest water level 63.14, Jan. 25, 1950; lowest water level 70.25, Oct. 13, 1956. Records available: 1946-56. Mar. 12, 69.42; Oct. 13, 70.25.

25-48-25bb. Dr. George Burnham. Drilled unused water-table well in sand of Pleistocene age, diameter 18 inches, depth 161 feet. Land-surface datum is 3,990.8 feet above msl. Highest water level 70.76, Mar. 29, 1946; lowest water level 87.67, Oct. 13, 1956. Records available: 1946-56. Mar. 13, 82.52; Oct. 13, 37.67.

25-48-27db. Andrew Pepllar. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 155 feet. Land-surface datum is 4,001.37 feet above msl. Highest water level 67.90, May 13, 1946; lowest water level 84.16, Oct. 13, 1956. Records available: 1946-51, 1953, 1955-56. Oct. 13, 84.16.

25-48-30ad. Mrs. Effie A. Wells. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 21 feet. Highest water level 12.54, July 11, 1946; lowest water level 17.59, Sept. 19, 1954. Records available: 1938-42, 1944, 1946-47, 1949-56. Mar. 13, 16.43.

25-50-22aa. Anna Hollister. Dug unused water-table well in Harrison formation, depth 135 feet. Land-surface datum is 4,221.46 feet above msl. Highest water level 131.61, Jan. 24, 1950; lowest water level 132.54, May 1, 1947. Records available: 1946-53, 1955-56. Oct. 13, 132.09.

25-50-31ab1. Martin Jacobsen. Drilled unused water-table well in sand of Arikaree group of Tertiary age, diameter 6 inches, depth 109 feet. Land-surface datum is 4,220.29 feet above msl. Highest water level 100.52, Jan. 23, 1950; lowest water level 103.41, Oct. 20, 1941. Records available: 1934-42, 1944, 1946-51, 1953-56. Mar. 12, 101.91.



Box Butte County--Continued

26-47-17dd. David R. Lawrence. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 129 feet. Land-surface datum is 3,985.32 feet above msl. Highest water level 52.35, May 11, 1949; lowest water level 73.04, Oct. 12, 1956. Records available: 1946-53, 1955-56. Oct. 12, 73.04.

26-47-35dd. U. S. Geol. Survey. Driven observation water-table well in sandstone of Ogallala formation of Tertiary age, diameter 1 1/4 inches, depth 15 feet. Land-surface datum is 3,900.9 feet above msl. Highest water level 11.83, Mar. 26, 1948; lowest water level 15.50, Oct. 17, 1955. Records available: 1946-56. Mar. 13, 14.88; Oct. 12, 15.47.

26-50-12dc. Mrs. L. A. Rosenberg. Dug domestic water-table well in sandstone of Tertiary age, concrete lining, diameter 4 feet, depth 106 feet. Land-surface datum is 4,231.51 feet above msl. Highest water level 99.59, Sept. 19, 1954; lowest water level 102.33, Nov. 12, 1946. Records available: 1938-42, 1946-51, 1953-56. Mar. 12, 101.23; Oct. 12, 101.42.

26-51-25bccl. O. T. Wilkins. Drilled stock water-table well in sandstone of Tertiary age, diameter 4 inches, depth 108 feet. Land-surface datum is 4,299.23 feet above msl. Highest water level 94.24, June 16, 1953; lowest water level 96.50, Feb. 19, 1947. Records available: 1938-42, 1944, 1946-51, 1953-56. Mar. 12, 95.13.

26-52-10bc. G. E. Dyer. Drilled irrigation water-table well in Harrison sandstone of Tertiary age, diameter 24 inches, depth 198 feet. Land-surface datum is 4,436 feet above msl. Highest water level 93.37, July 22, 1938; lowest water level 105.56, Sept. 19, 1954. Records available: 1938-40, 1942, 1946-56. Mar. 12, 98.33; Oct. 12, 103.62.

27-47-12da. Frank Krejci. Drilled unused water-table well in Arikaree, diameter 6 inches, depth 20 feet. Highest water level 6.92, July 12, 1949; lowest water level 12.09, Nov. 11, 1934. Records available: 1934-37, 1948-53, 1955-56. Mar. 13, 9.15.

27-49-21cb. Edward S. Wildy. Drilled stock water-table well in sand of Arikaree group of Tertiary age, diameter 4 inches, depth 156 feet. Highest water level 115.45, Sept. 13, 1949; lowest water level 119.41, Oct. 20, 1941. Records available: 1935-42, 1944-56. Mar. 12, 117.13; Oct. 12, 116.70.

## Box Butte County--Continued

27-51-6bb. Louis Homrighausen. Drilled unused water-table well in Harrison sandstone of Tertiary age, diameter 6 inches, depth 225 feet. Land-surface datum is 4,493.56 feet above msl. Highest water level 218.92, Sept. 27, 1953; lowest water level 223.55, Nov. 22, 1949. Records available: 1946-56. Mar. 12, 221.86.

28-51-6dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 11 feet. Land-surface datum is 4,115.33 feet above msl. Highest water level 1.62, Jan. 24, 1950; lowest water level 4.18, Sept. 19, 1954. Records available: 1935-42, 1944-51, 1953-56. Mar. 12, 2.61; Oct. 12, 3.97.

## Boyd County

32-10-1cc. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 inch, depth 15 feet. Highest water level 7.31, Nov. 14, 1956; lowest water level 10.18, Oct. 30, 1940. Records available: 1935-42, 1946, 1953, 1956. Nov. 14, 7.31.

33-13-9ca. E. M. Engelhaupt. Dug abandoned well, diameter 24 inches, depth 27 feet. Highest water level 12.83, May 30, 1936; lowest water level 19.08, Oct. 31, 1940. Records available: 1934-42, 1946, 1956. Nov. 14, 16.70.

34-13-10ad. Adam Christman. Dug abandoned stock well in sand and gravel, diameter 12 inches, depth 17 feet. Highest water level 11.03, July 11, 1935; lowest water level 17.39, Nov. 14, 1956. Records available: 1934-42, 1946, 1956. Nov. 14, 17.39.

## Brown County

29-21-6cd. R. Anderson. Dug and drilled observation water-table well in sand of Pleistocene age, diameter 6 feet, depth 85 feet. Highest water level .50, Apr. 4, 1952; lowest water level 9.00, June 17, 1945. Records available: 1944-45, 1947-56. May 21, 4.38; Oct. 30, 5.70.

# Brown County--Continued

29-21-17cc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 17 feet. Land-surface datum is 2,537.95 feet above msl. Highest water level .56 above lsd, Apr. 4, 1952; lowest water level 3.43, Oct. 30, 1956. Records available: 1950-56. Mar. 15, 1.43; May 21, 1.99; Oct. 30, 3.43.

29-22-14ab. U. S. Geol. Survey. Drilled observation water-table well, diameter 3/4 inch, depth 32 feet. Land-surface datum is 2,561.45 feet above msl. Highest water level 5.58, May 4, 1956; lowest water level 8.73, Oct. 4, 1956. Records available: 1952, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2	7.00	May 4	5.58	Aug. 6	8.07	Nov. 7	8.16
Mar. 8	6.53	June 8	6.97	Sept. 4	8.58	30	7.82
Apr. 9	5.89	July 10	8.03	Oct. 4	8.73	Dec. 28	7.68

29-22-15dcd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 16 feet. Land-surface datum is 2,581.66 feet above msl. Highest water level 1.88, Jan. 17, 1952; lowest water level 6.72, Oct. 30, 1956. Records available: 1950-56. Mar. 15, 4.40; May 21, 4.38; Oct. 30, 6.72.

29-23-1bb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 15 feet. Land-surface datum is 2,593.64 feet above msl. Highest water level 2.33, Oct. 5, 1951; lowest water level 7.31, Sept. 13, 1955. Records available: 1950-56. Mar. 15, 5.32; May 21, 4.31; Oct. 30, 7.28.

29-24-3db. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,652.30 feet above msl. Highest water level 1.15, Apr. 4, 1952; lowest water level 4.90, July 6, 1950. Records available: 1950-56. Mar. 15, 3.01; May 22, 3.53; Oct. 30, 4.25.

29-24-6dc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 13 feet. Land-surface datum is 2,697.69 feet above msl. Highest water level 1.03, Jan. 18, 1952; lowest water level 5.03, Sept. 13, 1955. Records available: 1950-56. Mar. 15, 2.79; May 22, 3.23; Oct. 30, 4.65.



# Brown County--Continued

\*30-21-19cc. Consumers Public Power District. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 57 feet. Land-surface datum is 2,509.07 feet above msl. Highest water level 34.40, Oct. 23-25, 1952; lowest water level 40.59, Sept. 15-20, 1956. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15	38.42	Apr. 30	38.34	July 31	39.81	Oct. 31	40.13
Feb. 29	38.33	May 31	38.40	Aug. 31	40.31	Nov. 30	39.95
Mar. 31	38.37	June 30	39.00	Sept. 30	40.48	Dec. 30	39.77

30-21-20cc. U. S. Geol. Survey. Drilled observation water-table well, diameter 3/4 inch, depth 53 feet. Land-surface datum is 2,500.50 feet above msl. Highest water level 36.46, Dec. 1, 1952; lowest water level 43.82, Oct. 4, 1956. Records available: 1952, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	41.89	May 4	41.95	Aug. 6	42.23	Nov. 8	43.50
Mar. 8	41.94	June 8	42.30	Sept. 4	43.69	30	43.39
Apr. 9	41.87	July 10	42.74	Oct. 4	43.82	Dec. 28	43.10

30-21-26bbb. Owner unknown. Drilled stock water-table well in sand of Pleistocene age, diameter 5 inches, depth 65 feet. Land-surface datum is 2,423.78 feet above msl. Highest water level 39.20, Dec. 31, 1952; lowest water level 47.82, Sept. 14, 1948. Records available: 1947-56. Mar. 15, 42.70; Oct. 30, 43.71.

30-22-11bb. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 94 feet. Land-surface datum is 2,518.52 feet above msl. Highest water level 61.36, June 15, 1954; lowest water level 63.50, Dec. 28, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	62.81	May 4	62.71	Aug. 6	62.93	Nov. 8	63.21
Mar. 8	62.60	21	62.76	Sept. 4	62.98	30	63.29
15	62.69	June 8	62.89	Oct. 4	63.38	Dec. 28	63.50
Apr. 9	62.72	July 10	62.94	29	63.33		

\*Recording gage.

Brown County--Continued

30-22-15cc. Kennedy. Drilled irrigation water-table well in sand of Pleistocene age, depth 70 feet. Land-surface datum is 2,538.20 feet above msl. Highest water level 37.94, Dec. 31, 1952; lowest water level 48.87, Oct. 17, 1949. Records available: 1947-56. Mar. 15, 40.84; May 21, 40.77; Oct. 30, 42.71.

30-22-16cd. Kennedy. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 69 feet. Land-surface datum is 2,547.28 feet above msl. Highest water level 38.84, Nov. 17, 1952; lowest water level 43.33, Sept. 13, 1955. Records available: 1947, 1950-56. Mar. 15, 41.55; May 21, 41.46; Oct. 30, 43.06.

30-22-23dc. Quinn. Diameter 18 inches. Land-surface datum is 2,527.78 feet above msl. Highest water level 35.02, Apr. 4, 1952; lowest water level 38.26, Oct. 30, 1956. Records available: 1948, 1950-56. Mar. 15, 36.97; May 21, 35.78; Oct. 30, 38.26.

30-22-27dc. T. S. Bower. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 9 inches, depth 59 feet. Land-surface datum is 2,533.79 feet above msl. Highest water level 12.40, July 5, 1951; lowest water level 19.11, Sept. 13, 1955. Records available: 1934-45, 1947-56. Mar. 15, 15.66; May 21, 15.60; Oct. 30, 17.40.

30-22-30dd. U. S. Geol. Survey. Drilled observation water-table well, diameter 3/4 inch, depth 31 feet. Land-surface datum is 2,567.29 feet above msl. Highest water level 8.37, Dec. 1, 1952; lowest water level 10.78, Dec. 28, 1956. Records available: 1952, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8	9.99	June 8	9.56	Sept. 4	10.59	Nov. 30	10.71
Apr. 9	9.54	July 10	10.10	Oct. 4	10.58	Dec. 28	10.78
May 4	9.27	Aug. 6	10.20	Nov. 7	10.75		

30-23-13bc. M. A. Miles. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 80 feet. Land-surface datum is 2,572.7 feet above msl. Highest water level 35.75, Apr. 23, 1952; lowest water level 39.50, Nov. 20, 1944. Records available: 1941, 1944, 1947-56. Mar. 15, 37.41; Oct. 30, 38.52.

Brown County--Continued

30-23-15bcc. Ainsworth Airport. Water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 69 feet. Land-surface datum is 2,576.80 feet above msl. Highest water level 20.00, Nov. 21, 1952; lowest water level 32.69, Nov. 30, 1956. Records available: 1952, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2	31.69	May 4	31.82	Aug. 6	31.89	Nov. 7	32.16
Mar. 8	31.70	June 8	31.88	Sept. 4	32.04	30	32.69
Apr. 9	31.84	July 10	31.91	Oct. 4	32.08	Dec. 28	32.25

30-23-21bc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 13 feet. Land-surface datum is 2,583.47 feet above msl. Highest water level .29, Apr. 23, 1952; lowest water level 4.10, Oct. 30, 1956. Records available: 1950-56. Mar. 15, 3.04; May 21, 3.27; Oct. 30, 4.10.

30-23-33cc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,620.65 feet above msl. Highest water level 1.00, Jan. 17, 1952; lowest water level 5.04, Dec. 6, 1954. Records available: 1950-56. Mar. 15, 3.39; May 21, 3.18; Oct. 30, 4.96.

31-21-13aa. U. S. Geol. Survey. Drilled observation water-table well, diameter 3/4 inch, depth 199 feet. Land-surface datum is 2,281.58 feet above msl. Highest water level 125.19, Dec. 22, 1955; lowest water level 130.23, Dec. 1, 1952. Records available: 1952, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	126.18	May 4	125.73	Aug. 6	125.84	Nov. 8	125.79
Mar. 8	126.06	June 8	125.89	Sept. 4	125.88	30	125.75
Apr. 9	125.94	July 10	125.68	Oct. 4	125.98	Dec. 28	125.90

31-21-19da. U. S. Geol. Survey. Drilled observation water-table well, diameter 3/4 inch, depth 194 feet. Land-surface datum is 2,440.28 feet above msl. Highest water level 134.63, Dec. 22, 1955; lowest water level 140.40, Dec. 1, 1952. Records available: 1952, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	135.47	May 4	135.34	Aug. 6	135.60	Nov. 8	135.64
Mar. 8	135.65	June 8	135.54	Sept. 4	135.68	30	135.60
Apr. 9	135.60	July 10	135.39	Oct. 4	135.86	Dec. 28	135.85

# Brown County--Continued

31-22-30bb. U. S. Geol. Survey. Drilled water-table well, diameter  $3\frac{1}{4}$  inch, depth 150 feet. Land-surface datum is 2,543.64 feet above msl. Highest water level 119.73, Nov. 8, 1956; lowest water level 125.44, Dec. 1, 1952. Records available: 1952, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2	120.83	May 1	120.44	Aug. 6	120.42	Nov. 8	119.73
Mar. 8	120.55	June 8	120.36	Sept. 4	120.57	30	119.74
Apr. 9	120.50	July 10	120.39	Oct. 4	120.51	Dec. 28	120.56

# Buffalo County

8-15-3bcc. Ed Smallcomb. Highest water level 15.57, Aug. 2, 1948; lowest water level 17.34, May 29, 1956. Records available: 1948, 1956. May 29, 17.34.

8-15-3cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Land-surface datum is 2,118.69 feet above msl. Highest water level 13.57, Jan. 11, 1952; lowest water level 20.08, Oct. 19, 1956. Records available: 1947-53, 1955-56. May 29, 17.75; Oct. 19, 20.08.

8-15-8ba. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 48 feet. Land-surface datum is 2,144.67 feet above msl. Highest water level 12.12, Mar. 29, 1947; lowest water level 17.36, Oct. 19, 1956. Records available: 1947-53, 1955-56. May 29, 14.92; Oct. 19, 17.36.

8-16-3cb. A. E. Sheldon. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 32 feet. Land-surface datum is 2,164.99 feet above msl. Highest water level 10.06, Sept. 7, 1949; lowest water level 13.22, Aug. 7, 1946. Records available: 1946-56. May 29, 11.69; Oct. 19, 11.02.

8-16-5ca. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 36 inches, depth 55 feet. Land-surface datum is 2,190.09 feet above msl. Highest water level 16.60, Mar. 29, 1947; lowest water level 19.11, May 7, 1951. Records available: 1947-51, 1953, 1956. June 1, 18.59.

Buffalo County--Continued

8-16-12cc. M. M. Garvin. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 29 feet. Land-surface datum is 2,139.27 feet above msl. Highest water level 1.58, May 9, 1933; lowest water level 7.97, Oct. 19, 1956. Records available: 1930, 1932-56. May 29, 6.46; Oct. 19, 7.97.

8-18-1cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 36 inches, depth 26 feet. Land-surface datum is 2,228.59 feet above msl. Highest water level 2.22, Mar. 29, 1948; lowest water level 3.92, June 1, 1956. Records available: 1947-53, 1956. June 1, 3.92.

8-18-3ab. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, depth 33 feet. Land-surface datum is 2,244.77 feet above msl. Highest water level 8.85, May 7, 1951; lowest water level 9.95, Mar. 1, 1950. Records available: 1947-51, 1956. June 1, 9.16.

8-18-4cb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 16 feet. Land-surface datum is 2,252.45 feet above msl. Highest water level 7.30, Oct. 7, 1946; lowest water level 10.17, Sept. 16, 1954. Records available: 1946-56. June 1, 10.07.

9-13-5cb. F. M. Scott. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 52 feet. Land-surface datum is 2,050.13 feet above msl. Highest water level 16.54, May 20, 1931; lowest water level 29.05, Oct. 19, 1956. Records available: 1930-56. May 29, 26.07; Oct. 19, 29.05.

9-13-9cc. B. F. Smith. Drilled irrigation water-table well in gravel, diameter 24 inches, depth 61 feet. Land-surface datum is 2,038.95 feet above msl. Highest water level 10.87, July 5, 1949; lowest water level 23.25, Oct. 19, 1956. Records available: 1930-40, 1945-53, 1955-56. May 28, 18.49; Oct. 19, 23.25.

9-13-11bb. Shippers. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 50 feet. Land-surface datum is 2,027.64 feet above msl. Highest water level 14.27, May 4, 1951; lowest water level 26.83, Oct. 19, 1956. Records available: 1947-53, 1955-56. May 28, 21.52; Oct. 19, 26.83.



# Buffalo County--Continued

9-13-13ab. Dawson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 82 feet. Land-surface datum is 2,021.60 feet above msl. Highest water level 15.88, May 28, 1956; lowest water level 24.19, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 28, 15.88; Oct. 18, 24.19.

9-13-17cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 424 feet. Land-surface datum is 2,051.75 feet above msl. Highest water level 14.80, May 4, 1951; lowest water level 25.11, Oct. 19, 1956. Records available: 1947-53, 1955-56. Oct. 19, 25.11.

9-13-26aa. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 29 feet. Land-surface datum is 2,019.78 feet above msl. Highest water level 3.84, Apr. 12, 1949; lowest water level 8.73, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 28, 6.77; Oct. 18, 8.73.

9-13-28cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 44 feet. Land-surface datum is 2,037.09 feet above msl. Highest water level 3.69, Mar. 19, 1952; lowest water level 7.94, Oct. 19, 1956. Records available: 1947-48, 1951-53, 1955-56. May 28, 5.94; Oct. 19, 7.94.

\*9-14-1dc. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 8 inches, depth 37 feet. Land-surface datum is 2,060.43 feet above msl. Highest water level 15.36, June 11, 1952; lowest water level 26.98, Sept. 5, 1956. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	24.05	Apr. 30	23.80	July 31	25.65	Sept. 30	26.53
Feb. 29	23.97	June 30	23.94	Aug. 31	26.87	Oct. 25	26.31
Mar. 31	23.88						

9-14-4cc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 29 feet. Land-surface datum is 2,087.47 feet above msl. Highest water level 17.58, July 5, 1949; lowest water level dry, Oct. 17, 1955 and Oct. 19, 1956. Records available: 1946-56. May 28, 26.11; Oct. 19, dry at 28.50.

\*Recording gage.

# Buffalo County--Continued

9-14-11bc. W. E. Gamble. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 2,076.53 feet above msl. Highest water level 19.63, May 4, 1951; lowest water level 29.75, Oct. 19, 1956. Records available: 1947-49, 1951-53, 1955-56. May 28, 26.57; Oct. 19, 29.75.

9-14-13cb. Mrs. Maude E. Davis. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 50 feet. Land-surface datum is 2,068.10 feet above msl. Highest water level 15.30, July 11, 1947; lowest water level 28.61, Oct. 19, 1956. Records available: 1930-56. June 1, 25.57; Oct. 19, 28.61.

9-14-15dd. Lester Deets. Drilled water-table well, diameter 18 inches. Highest water level 23.80, June 29, 1955; lowest water level 28.50, Oct. 19, 1956. Records available: 1953, 1955-56. May 29, 25.76; Oct. 19, 28.50.

9-14-19dd. Robert D. Lewis. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 54 feet. Land-surface datum is 2,102.16 feet above msl. Highest water level 22.55, June 9, 1931; lowest water level 34.70, Sept. 15, 1956. Records available: 1930-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15	31.40	Apr. 15	30.60	July 15	31.40	Oct. 18	34.20
Feb. 16	31.00	May 16	30.40	Aug. 17	34.20	Nov. 14	33.80
Mar. 15	30.90	June 16	30.40	Sept. 15	34.70	Dec. 17	33.35

9-14-21cc. William Adair. Drilled irrigation water-table well in gravel and fine sand, diameter 24 inches, depth 55 feet. Land-surface datum is 2,082.22 feet above msl. Highest water level 17.62, July 11, 1932; lowest water level 27.53, Oct. 19, 1956. Records available: 1930-49, 1951-53, 1955-56. May 29, 24.12; Oct. 19, 27.53.

9-14-22bb. S. M. Doty. Drilled irrigation water-table well in clay, diameter 18 inches. Land-surface datum is 2,079.81 feet above msl. Highest water level 15.00, July 11, 1947; lowest water level 23.39, Oct. 18, 1955. Records available: 1946-51, 1953-56. May 29, 22.46.

Buffalo County--Continued

9-14-25ba. B. Chapman. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 40 feet. Land-surface datum is 2,060.84 feet above msl. Highest water level 11.32, May 4, 1951; lowest water level 19.50, Oct. 19, 1956. Records available: 1947-53, 1955-56. Oct. 19, 1950.

9-14-31bb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 58 feet. Land-surface datum is 2,098.48 feet above msl. Highest water level 14.12, Mar. 29, 1947; lowest water level 22.46, Oct. 19, 1956. Records available: 1947-53, 1955-56. May 29, 1940; Oct. 19, 22.46.

9-14-34bb. Clair Nicholson. Drilled irrigation water-table well in gravel and fine sand, diameter 24 inches, depth 50 feet. Land-surface datum is 2,077.61 feet above msl. Highest water level 9.20, July 5, 1949; lowest water level 17.30, Oct. 19, 1956. Records available: 1930-56. May 28, 14.51; Oct. 19, 17.30.

9-15-11cb. Charles Aldeen. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 53 feet. Land-surface datum is 2,117.20 feet above msl. Highest water level 23.67, July 11, 1947; lowest water level 38.07, Oct. 19, 1956. Records available: 1932-42, 1944-56. Oct. 19, 38.07.

9-15-13bc. C. O. Newland. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 63 feet. Land-surface datum is 2,107.97 feet above msl. Highest water level 23.22, Mar. 29, 1948; lowest water level 32.04, Oct. 17, 1955. Records available: 1947-53, 1955-56. May 29, 30.62.

9-15-16cc. Owner unknown. Drilled irrigation water-table well, diameter 18 inches. Highest water level 31.88, May 4, 1948; lowest water level 37.48, May 29, 1956. Records available: 1946-50, 1956. May 29, 37.48.

9-15-30cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Land-surface datum is 2,148.15 feet above msl. Highest water level 30.90, May 4, 1951; lowest water level 40.75, Oct. 19, 1956. Records available: 1947-53, 1955-56. May 29, 37.16; Oct. 19, 40.75.

9-15-34bb. J. W. Wolford. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 48 feet. Land-surface datum is 2,119.78 feet above msl. Highest water level 16.60, June 16, 1931; lowest water level 27.17, Oct. 19, 1956. Records available: 1930-37, 1939, 1945-56. May 29, 24.37; Oct. 19, 27.17.



Buffalo County--Continued

9-16-13bc. Lawrence Richter. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 110 feet. Land-surface datum is 2,153.47 feet above msl. Highest water level 26.64, Mar. 1, 1950; lowest water level 35.56, Oct. 17, 1955. Records available: 1948-56. May 29, 34.18; June 27, 34.53; Oct. 19, 34.36.

9-17-31cd. U. S. Geol. Survey. Driven observation water-table well in alluvial silt, diameter 1 1/4 inches. Land-surface datum is 2,236.73 feet above msl. Highest water level 8.02, Oct. 7, 1946; lowest water level 14.22, Dec. 2, 1953. Records available: 1946-56. June 1, 13.41.

9-18-27dd. U. S. Geol. Survey. Driven observation water-table well in soil, diameter 1 1/4 inches, depth 14 feet. Land-surface datum is 2,254.66 feet above msl. Highest water level 3.63, Oct. 7, 1946; lowest water level 10.05, June 1, 1956. Records available: 1946-52, 1956. June 1, 10.05.

9-18-31cc. Mrs. Dworak. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 32 feet. Land-surface datum is 2,274.59 feet above msl. Highest water level 7.38, Oct. 8, 1946; lowest water level 13.17, Nov. 18, 1954. Records available: 1946-56. June 1, 12.85.

9-18-33dc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 28 feet. Land-surface datum is 2,256.81 feet above msl. Highest water level 9.06, Apr. 13, 1949; lowest water level 11.07, June 1, 1956. Records available: 1947-52, 1954, 1956. June 1, 11.07.

10-13-21cc. Mrs. Susan MacMullen. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 50 feet. Land-surface datum is 2,046.87 feet above msl. Highest water level 24.67, Mar. 3, 1952; lowest water level 35.74, Oct. 17, 1955. Records available: 1947-48, 1950-53, 1955-56. May 28, 33.12; Oct. 19, 35.57.

10-13-27dd. Roger Kirk. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 60 feet. Land-surface datum is 2,027.35 feet above msl. Highest water level 19.43, Jan. 10, 1952; lowest water level 31.32, Oct. 19, 1956. Records available: 1947-53, 1955-56. May 28, 27.47; Oct. 19, 31.32.

## Buffalo County--Continued

10-14-35ad. Hemmerlings. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 75 feet. Land-surface datum is 2,084.29 feet above msl. Highest water level 32.19, May 4, 1951; lowest water level 48.35, Oct. 19, 1956. Records available: 1948-49, 1951, 1955-56. May 28, 44.65; Oct. 19, 48.35.

12-13-20cb. Irvin Urwiller. Drilled irrigation water-table well in sand of Pleistocene age and sandstone of Tertiary age, diameter 18 inches, depth 207 feet. Land-surface datum is 2,030.68 feet above msl. Highest water level 25.21, Dec. 13, 1951; lowest water level 26.32, June 6, 1956. Records available: 1950-56. June 6, 26.32.

12-15-3bb. Donald Wilke. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 110 feet. Land-surface datum is 2,061.13 feet above msl. Highest water level 29.05, May 9, 1952; lowest water level 31.93, June 6, 1956. Records available: 1950-56. June 6, 31.93.

## Burt County

A22-8-35aa. U. S. Geol. Survey. Formerly University of Nebraska. Driven observation water-table well in alluvial sand, diameter 1 inch, depth 25 feet. Highest water level .39, June 24, 1947; lowest water level 9.28, Nov. 27, 1956. Records available: 1936-42, 1944, 1946-47, 1955-56. Nov. 27, 9.28.

## Butler County

A16-1-17bc. Walt Deitzler. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 38 feet. Land-surface datum is 1,439.65 feet above msl. Highest water level 2.66, Apr. 2, 1952; lowest water level 6.40, Nov. 29, 1956. Records available: 1946-53, 1956. Nov. 29, 6.40.

A16-2-14cc. U. S. Geol. Survey. Driven observation water-table well in fine sand, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 1,419.64 feet above msl. Highest water level 2.68, Apr. 2, 1952; lowest water level 10.51, Nov. 29, 1956. Records available: 1946-56. Nov. 29, 10.51.

## Butler County--Continued

A16-2-26dd. H. J. Kosch. Drilled domestic water-table well in sand of Pleistocene age, diameter 12 inches, depth 60 feet. Land-surface datum is 1,464.51 feet above msl. Highest water level 44.69, Mar. 7, 1950; lowest water level dry at 51.00, Nov. 29, 1956. Records available: 1947-50, 1956. Nov. 29, dry at 51.00.

A16-2-30bc. John Foel. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 54 feet. Land-surface datum is 1,457.41 feet above msl. Highest water level 20.77, July 12, 1949; lowest water level 26.33, Nov. 29, 1956. Records available: 1946-53, 1956. Nov. 29, 26.33.

A16-3-8dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches. Land-surface datum is 1,392.33 feet above msl. Highest water level 1.07, Aug. 15, 1951; lowest water level 8.73, Nov. 29, 1956. Records available: 1946-53, 1956. Nov. 29, 8.73.

A16-3-15cd. A. C. Fortna. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 70 feet. Land-surface datum is 1,407.16 feet above msl. Highest water level 11.52, July 7, 1947; lowest water level 19.63, Nov. 29, 1956. Records available: 1946-53, 1956. Nov. 29, 19.63.

A17-4-28cd. Edward J. Duda. Driven irrigation water-table well in sand and gravel of Pleistocene age, diameter 22 inches, depth 66 feet. Land-surface datum is 1,346.84 feet above msl. Highest water level 19.41, Apr. 2, 1952; lowest water level 24.78, Nov. 29, 1956. Records available: 1946-56. Nov. 29, 24.78.

## Cass County

A12-9-32ca. John Wiedeman. Drilled unused water-table well in Dakota sandstone, diameter 3 inches, depth 89 feet. Highest water level 34.20, Dec. 11, 1953; lowest water level 43.05, Oct. 15, 1940. Records available: 1934-41, 1944, 1946, 1953-56. Nov. 30, 42.50.

## Cedar County

A28-3-4ca. U. S. Geol. Survey. Driven observation water-table well in gumbo, diameter 1 inch, depth 21 feet. Highest water level 5.78, July 12, 1940; lowest water level 10.32, Nov. 26, 1956. Records available: 1940-42, 1946-47, 1954-56. Nov. 26, 10.32.

### Cedar County--Continued

A31-2-3lab. Joe Leise. Dug stock water-table well in gravel, diameter 18 inches, depth 22 feet. Highest water level 11.78, Jan. 8, 1936; lowest water level 13.39, July 10, 1936. Records available: 1934-40, 1942, 1946, 1953, 1955-56. Nov. 26, 12.84.

### Chase County

5-36-7ba. U. S. Geol. Survey. Driven observation water-table well in limestone of Ogallala formation, diameter 1 1/4 inches, depth 19 feet. Highest water level 14.93, June 9, 1949; lowest water level 16.86, Dec. 7, 1950. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10	16.08	May 8	15.87	July 23	15.46	Nov. 26	15.32
Mar. 12	16.10	June 14	15.90	Sept. 19	15.24		
20	16.34						

\*7-38-28cc. Roy Hust. Drilled unused water-table well in sand of Pleistocene age, diameter 18 inches, depth 143 feet. Highest water level 74.03, May 5, 1951; lowest water level 76.85, Dec. 9, 1944. Records available: 1944, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	75.84	Apr. 30	76.07	July 31	76.54	Oct. 31	76.54
Feb. 29	75.74	May 31	76.35	Aug. 31	76.66	Nov. 30	76.45
Mar. 31	75.72	June 30	76.42	Sept. 30	76.68	Dec. 31	76.40

### Cherry County

28-28-1cc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,929.09 feet above msl. Highest water level 1.05, Feb. 5, 1954; lowest water level 6.35, Nov. 1, 1956. Records available: 1950-56. Mar. 13, 3.96; May 22, 4.79; Nov. 1, 6.35.

\*Recording gage.

Cherry County--Continued

29-27-16ab. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 11 feet. Land-surface datum is 2,897.53 feet above msl. Highest water level 2.30, Mar. 31, 1955; lowest water level 5.00, Dec. 27, 1956. Records available: 1950-51, 1953-56. Dec. 27, 5.00.

29-27-17da. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 10 feet. Land-surface datum is 2,901.17 feet above msl. Highest water level .90, Feb. 23, 1951; lowest water level 3.20, June 24, 1954. Records available: 1950-51, 1953-56. Dec. 27, 2.42.

29-28-1aaa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter  $1\ 1/4$  inches, depth 9 feet. Land-surface datum is 2,898.41 feet above msl. Highest water level .20, Feb. 5, 1951; lowest water level 1.30, Dec. 27, 1956. Records available: 1949-51, 1955-56. Dec. 27, 1.30.

29-28-6aaa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter  $1\ 1/4$  inches, depth  $1\ 1/4$  feet. Land-surface datum is 2,944.81 feet above msl. Highest water level 2.03, Oct. 11, 1951; lowest water level 6.65, July 9, 1956. Records available: 1949-51, 1953-56. July 9, 6.65.

29-28-7bab. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $1\ 1/4$  inches, depth 23 feet. Land-surface datum is 2,966.53 feet above msl. Highest water level 2.50, June 8, 1951; lowest water level 5.14, Nov. 26, 1956. Records available: 1949-51, 1953-56. July 1, 4.70; Nov. 26, 5.14.

29-28-7cbb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter  $1\ 1/4$  inches, depth 17 feet. Land-surface datum is 2,958.59 feet above msl. Highest water level .82, Mar. 31, 1955; lowest water level 3.24, Nov. 2, 1949. Records available: 1949-51, 1953-56. Nov. 26, 2.45.

29-28-13aa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter  $1\ 1/4$  inches, depth  $1\ 1/4$  feet. Land-surface datum is 2,926.31 feet above msl. Highest water level .61, June 16, 1954; lowest water level 5.34, Nov. 1, 1956. Records available: 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 13	3.54	May 22	3.44	Nov. 1	5.34	Dec. 27	4.89



Cherry County--Continued

29-29-2bac. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 21 feet. Land-surface datum is 2,968.68 feet above msl. Highest water level 2.90, Dec. 27, 1954; lowest water level 5.58, Nov. 26, 1956. Records available: 1949-51, 1953-56. July 1, 5.30; Nov. 26, 5.58.

30-25-6ccc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 15 feet. Land-surface datum is 2,730.82 feet above msl. Highest water level .81, Jan. 18, 1952; lowest water level 4.45, Oct. 31, 1956. Records available: 1950-56. Mar. 14, 2.51; May 22, 2.68; Oct. 31, 4.45.

30-25-10ad. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,687.67 feet above msl. Highest water level 1.72, July 18, 1951; lowest water level 5.78, Oct. 31, 1956. Records available: 1950-56. Mar. 15, 3.71; May 22, 3.58; Oct. 31, 5.78.

30-25-15dab. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,693.10 feet above msl. Highest water level .87, Apr. 4, 1952; lowest water level 4.83, Oct. 31, 1956. Records available: 1950-56. Mar. 15, 3.80; May 22, 2.96; Oct. 31, 4.83.

30-25-17abb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,720.75 feet above msl. Highest water level 1.64, June 16, 1954; lowest water level 6.96, Oct. 31, 1956. Records available: 1950-56. Mar. 15, 5.39; May 22, 4.68; Oct. 31, 6.96.

30-25-30ddb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 11 feet. Land-surface datum is 2,741.72 feet above msl. Highest water level 1.53, June 16, 1954; lowest water level 5.77, Oct. 31, 1956. Records available: 1950-51, 1953-56. Mar. 15, 3.56; May 22, 3.46; Oct. 31, 5.77.

30-26-5cc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 18 feet. Land-surface datum is 2,803.48 feet above msl. Highest water level 1.69, Apr. 7, 1952; lowest water level 6.24, Oct. 31, 1956. Records available: 1950-56. May 22, 4.04; Oct. 31, 6.24.

Cherry County--Continued

30-26-11ccc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 16 feet. Land-surface datum is 2,771.75 feet above msl. Highest water level 5.92, Apr. 7, 1952; lowest water level 12.20, Oct. 31, 1956. Records available: 1950-56. Mar. 14, 10.50; May 22, 8.45; Oct. 31, 12.20.

30-26-18abb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 14 feet. Land-surface datum is 2,809 feet above msl. Highest water level 2.05, June 4, 1951; lowest water level 5.89, Oct. 31, 1956. Records available: 1950-56. May 22, 3.54; Oct. 31, 5.89.

30-26-20dbb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 7 feet. Land-surface datum is 2,802.52 feet above msl. Highest water level 1.39, Apr. 14, 1950; lowest water level 5.57, Sept. 24, 1952. Records available: 1948-56. Mar. 14, 3.53; May 22, 3.30; Oct. 31, 5.54.

30-26-22dda. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 16 feet. Land-surface datum is 2,771.58 feet above msl. Highest water level 1.74, June 16, 1954; lowest water level 5.91, Oct. 31, 1956. Records available: 1950-56. Mar. 14, 4.22; May 22, 3.67; Oct. 31, 5.91.

30-27-1ca2. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 14 feet. Land-surface datum is 2,827.19 feet above msl. Highest water level 2.09, Apr. 8, 1952; lowest water level 5.53, Oct. 31, 1956. Records available: 1950-56. Mar. 14, 3.82; May 22, 3.66; Oct. 31, 5.53.

30-28-1ad. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 10 feet. Land-surface datum is 2,878.14 feet above msl. Highest water level 2.50, Apr. 23, 1952; lowest water level 5.17, Nov. 1, 1956. Records available: 1950-56. Mar. 13, 4.08; May 22, 4.32; Nov. 1, 5.17.

30-28-26ca. U. S. Geol. Survey. Jetted observation water-table well in sand, diameter  $3/4$  inch, depth 14 feet. Land-surface datum is 2,916.95 feet above msl. Highest water level 2.09, Oct. 11, 1951; lowest water level 4.70, Oct. 15, 1956. Records available: 1950-51, 1953, 1955-56. Oct. 15, 4.70; Dec. 20, 4.65.

30-28-27acb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter  $1\ 1/4$  inches, depth 11 feet. Land-surface datum is 2,919.56 feet above msl. Highest water level 1.48, Oct. 11, 1951; lowest water level 4.90, Dec. 27, 1956. Records available: 1949-51, 1953-54, 1956. Dec. 27, 4.90.

Cherry County--Continued

30-28-29bad. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,916.51 feet above msl. Highest water level 3.04, May 10, 1950; lowest water level 5.12, Nov. 26, 1956. Records available: 1949-51, 1953-56. Nov. 26, 5.12.

30-28-30bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 9 feet. Land-surface datum is 2,925.09 feet above msl. Highest water level .50, May 10, 1950; lowest water level 2.30, Nov. 30, 1956. Records available: 1949-51, 1953, 1955-56. Nov. 30, 2.30.

30-28-34ba. U. S. Geol. Survey. Jetted observation water-table well in dune sand, diameter 3/4 inch, depth 11 feet. Land-surface datum is 2,923.17 feet above msl. Highest water level 2.57, Nov. 4, 1953; lowest water level 4.65, Aug. 8, 1956. Records available: 1950-51, 1953-56. Aug. 8, 4.65; Nov. 30, 4.35.

30-28-36aa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,896.36 feet above msl. Highest water level .25 above lsd, Apr. 1, 1955; lowest water level 4.46, Nov. 1, 1956. Records available: 1949-56. Mar. 13, 1.99; May 22, 2.69; Nov. 1, 4.46.

30-29-14ac. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 14 feet. Land-surface datum is 2,927.06 feet above msl. Highest water level .20, June 3, 1954; lowest water level 4.25, Dec. 12, 1955. Records available: 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 14	3.15	May 23	3.07	Nov. 1	4.20	Nov. 30	3.70
Apr. 4	2.93						

30-29-22bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,950.42 feet above msl. Highest water level .87, May 10, 1950; lowest water level 4.12, Aug. 18, 1952. Records available: 1949-56. Mar. 14, 2.37; May 23, 2.63; Nov. 1, 3.68.



Cherry County--Continued

30-29-28dc. U. S. Geol. Survey. Driven observation water-table well, diameter 1 inch. Land-surface datum is 2,971.12 feet above msl. Highest water level .22, Mar. 30, 1950; lowest water level 4.57, Mar. 31, 1955. Records available: 1948-50, 1955-56. Nov. 26, 4.55.

30-29-35ad. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,944.35 feet above msl. Highest water level 1.20, June 8, 1951; lowest water level 3.80, Dec. 12, 1955. Records available: 1949-51, 1953-56. Dec. 18, 3.76.

31-25-21bd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 20 feet. Highest water level .10, Mar. 27, 1952; lowest water level 6.38, Sept. 12, 1936. Records available: 1936-56. Mar. 14, 3.15; May 23, 3.44; Oct. 31, 5.29.

31-25-33dd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,695.20 feet above msl. Highest water level 1.14, June 16, 1954; lowest water level 6.27, Oct. 31, 1956. Records available: 1950-56. Mar. 14, 3.71; May 22, 3.06; Oct. 31, 6.27.

31-25-35ad. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 21 feet. Land-surface datum is 2,679.57 feet above msl. Highest water level 9.31, June 16, 1954; lowest water level 12.07, Oct. 31, 1956. Records available: 1950-51, 1953-56. Mar. 15, 11.64; May 22, 11.23; Oct. 31, 12.07.

31-27-15ab. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,828.38 feet above msl. Highest water level 2.26, June 16, 1954; lowest water level 6.09, Feb. 6, 1951. Records available: 1950-56. Mar. 14, 2.78; May 22, 4.04; Oct. 31, 4.92.

31-27-17ada. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 15 feet. Land-surface datum is 2,831.40 feet above msl. Highest water level 3.01, Apr. 8, 1952; lowest water level 7.85, Oct. 13, 1956. Records available: 1950-56. Mar. 14, 5.89; May 22, 5.26; Oct. 13, 7.85.

31-27-21db. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 10 feet. Land-surface datum is 2,844.96 feet above msl. Highest water level .24, Apr. 8, 1952; lowest water level 4.76, Oct. 31, 1956. Records available: 1950-56. Mar. 14, 3.03; May 22, 3.16; Oct. 31, 4.76.

Cherry County--Continued

31-27-35bdb2. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 11 feet. Land-surface datum is 2,832.10 feet above msl. Highest water level 1.29, June 16, 1954; lowest water level 4.81, Oct. 31, 1956. Records available: 1950-56. Mar. 14, 2.80; May 22, 3.13; Oct. 31, 4.81.

31-28-lad. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 9 feet. Land-surface datum is 2,843.9 feet above msl. Highest water level .42, May 9, 1950; lowest water level 4.73, Oct. 18, 1955 and Oct. 31, 1956. Records available: 1950-56. Mar. 13, 2.79; May 22, 2.87; Oct. 31, 4.73.

31-28-6bb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 21 feet. Land-surface datum is 2,841.83 feet above msl. Highest water level 6.37, June 26, 1952; lowest water level 10.15, Nov. 1, 1956. Records available: 1950-56. May 22, 9.45; Nov. 1, 10.15.

31-28-8dbb. W. Drybread. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 6 feet. Land-surface datum is 2,852.66 feet above msl. Highest water level .88, May 9, 1950; lowest water level 4.51, Oct. 7, 1952. Records available: 1948-56. Mar. 13, 2.70; May 22, 2.78; Nov. 1, 4.08.

31-28-3lbb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 11 feet. Land-surface datum is 2,886.86 feet above msl. Highest water level .41 above lsd, June 8, 1951; lowest water level 3.75, Oct. 19, 1955. Records available: 1950-56. Mar. 14, 2.47; May 23, 2.65; Nov. 1, 2.98.

31-29-1cdc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 17 feet. Land-surface datum is 2,849.61 feet above msl. Highest water level 6.98, Nov. 1, 1951; lowest water level 9.95, Nov. 1, 1956. Records available: 1949-56. Mar. 14, 8.59; May 22, 8.51; Nov. 1, 9.95.

31-29-2abb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 29 feet. Land-surface datum is 2,852.65 feet above msl. Highest water level 14.87, July 22, 1953; lowest water level 18.38, July 19, 1951. Records available: 1950-56. Mar. 14, 17.31; May 22, 17.47; Nov. 1, 17.96.

Cherry County--Continued

31-29-5dd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 22 feet. Land-surface datum is 2,885.47 feet above msl. Highest water level 16.42, Dec. 7, 1954; lowest water level 19.17, Feb. 7, 1951. Records available: 1951, 1954-56. Mar. 14, 17.40; May 22, 17.53; Nov. 1, 18.02.

31-29-9aa. U. S. Geol. Survey. Dug observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 5 feet. Land-surface datum is 2,871.64 feet above msl. Highest water level .18 above lsd, Mar. 14, 1956; lowest water level 3.54, Nov. 1, 1956. Records available: 1948, 1951, 1954-56. Mar. 14, +.18; May 22, 2.59; Nov. 1, 3.54.

31-29-14cb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 11 feet. Land-surface datum is 2,880.92 feet above msl. Highest water level .60, Apr. 1, 1955; lowest water level 2.58, Nov. 1, 1956. Records available: 1951, 1954-56. Mar. 14, 1.53; May 22, 1.70; Nov. 1, 2.58.

31-29-21cc. O. J. Fisher. Driven observation water-table well in sand of Pleistocene age, diameter 3 inches. Land-surface datum is 2,901.1 feet above msl. Highest water level .52 above lsd, Apr. 1, 1955; lowest water level 4.33, July 26, 1949. Records available: 1948-51, 1954-56. Mar. 14, +.38; May 23, 1.97; Nov. 1, 2.24.

31-29-23bc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 18 feet. Land-surface datum is 2,895.70 feet above msl. Highest water level 7.00, June 17, 1954; lowest water level 9.37, Nov. 1, 1956. Records available: 1951, 1954-56. Mar. 14, 8.53; May 23, 8.71; Nov. 1, 9.37.

31-29-32bb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 17 feet. Land-surface datum is 2,930.04 feet above msl. Highest water level 3.18, June 12, 1951; lowest water level 6.30, Nov. 1, 1956. Records available: 1950-51, 1954-56. Mar. 14, 4.74; May 23, 4.72; Nov. 1, 6.30.

32-27-18cb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter  $3/4$  inch, depth 17 feet. Land-surface datum is 2,781.3 feet above msl. Highest water level 5.61, June 23, 1952; lowest water level 8.06, Oct. 31, 1956. Records available: 1950-56. Mar. 13, 7.26; May 23, 7.46; Oct. 31, 8.06.

## Cherry County--Continued

32-27-30cc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 13 feet. Land-surface datum is 2,826.74 feet above msl. Highest water level 1.68, Sept. 12, 1951; lowest water level 4.95, Oct. 31, 1956. Records available: 1950-56. Mar. 13, 3.32; May 23, 3.68; Oct. 31, 4.95.

32-28-32dc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 15 feet. Land-surface datum is 2,846.66 feet above msl. Highest water level 3.42, Nov. 1, 1951; lowest water level 8.12, Nov. 1, 1956. Records available: 1950-52, 1954-56. Mar. 13, 6.49; May 22, 6.39; Nov. 1, 8.12.

33-27-17cb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 9 feet. Land-surface datum is 2,408.92 feet above msl. Highest water level 1.52, Dec. 29, 1951; lowest water level 3.38, Aug. 9, 1937. Records available: 1936-48, 1950-56. Mar. 14, 1.59; May 23, 2.26; Oct. 31, 1.87.

34-31-3ad. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 17 feet. Highest water level 1.25, June 6, 1935; lowest water level 5.47, Oct. 31, 1940. Records available: 1934-47, 1954-56. Mar. 13, 1.69.

34-36-1dc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 21 feet. Highest water level 4.46, June 6, 1935; lowest water level 9.54, Oct. 1, 1941. Records available: 1934-45, 1947, 1951-56. Mar. 13, 7.49.

34-38-14bc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 17 feet. Highest water level 5.20, Apr. 2, 1952; lowest water level 8.14, Aug. 9, 1937. Records available: 1936-41, 1944-47, 1951-56. Mar. 13, 6.31.

## Cheyenne County

14-47-26cb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 inch, depth 29 feet. Highest water level 18.32, Mar. 28, 1951; lowest water level 21.81, Oct. 10, 1956. Records available: 1940-52, 1944, 1947, 1950-52, 1954-56. Oct. 10, 21.81.

### Cheyenne County--Continued

14-48-27cc. Frank Partrey. Drilled irrigation water-table well in sand of Pleistocene age, diameter 20 inches, depth 110 feet. Highest water level 33.47, Mar. 29, 1951; lowest water level 42.40. Oct. 10, 1956. Records available: 1950-56. Oct. 10, 42.40.

14-49-34bb. Harry Brewer. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 100 feet. Highest water level 24.27, Mar. 29, 1951; lowest water level 25.57, Aug. 8, 1951. Records available: 1950-56. Oct. 10, 25.28.

14-50-35ac. F. C. Mather Estate. Drilled irrigation water-table well in alluvial gravel, diameter 24 inches, depth 91 feet. Highest water level 29.16, July 18, 1935; lowest water level 36.19, Oct. 10, 1956. Records available: 1934-40, 1942, 1944, 1947, 1950-52, 1954-56. Oct. 10, 36.19.

14-52-5cb. William Goding. Drilled irrigation water-table well in sands of alluvium and joints in Brule formation, diameter 8 inches, depth 55 feet. Highest water level 26.64, June 15, 1935; lowest water level 32.07, Oct. 11, 1956. Records available: 1934-40, 1950-52, 1954-56. Oct. 11, 32.07.

14-52-11ac. Earl Johnson. Drilled irrigation water-table well in Brule formation, diameter 18 inches, depth 92 feet. Highest water level 27.80, May 22, 1951; lowest water level 48.36, Oct. 11, 1956. Records available: 1950-52, 1954-56. Oct. 11, 48.36.

### Clay County

5-5-11ba. Dale Friedline. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 163 feet. Highest water level 77.83, June 24, 1954; lowest water level 80.54, Dec. 7, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	79.28	Apr. 13	79.03	Oct. 30	80.45	Dec. 7	80.54
Mar. 6	79.21						



# Clay County--Continued

5-6-26bc. B. W. Merrill. Drilled unused water-table well in sand of Pleistocene age, diameter 4 inches, depth 86 feet. Highest water level 74.17, June 24, 1954; lowest water level 77.43, Dec. 7, 1956. Records available: 1948-50, 1952-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	76.21	Apr. 13	76.14	Oct. 30	77.29	Dec. 7	77.43
Mar. 6	76.15						

5-7-32ac. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 23 feet. Highest water level 11.51, Aug. 19, 1954; lowest water level 14.14, Nov. 14, 1940. Records available: 1937-38, 1940-41, 1946, 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	12.30	Apr. 13	12.23	Oct. 30	12.50	Dec. 7	12.46
Mar. 6	12.24						

6-8-17bb. Willard W. Kissinger. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 151 feet. Highest water level 95.53, June 24, 1954; lowest water level 98.00, Dec. 7, 1956. Records available: 1952, 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	96.46	Mar. 6	96.38	Apr. 13	96.22	Dec. 7	98.00

7-5-35cd. School land. Drilled observation water-table well in sand of Pleistocene age, diameter 6 inches, depth 76 feet. Highest water level 63.00, June 24, 1954; lowest water level 64.43, Dec. 7, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	64.01	Apr. 13	64.10	Oct. 30	64.33	Dec. 7	64.43
Mar. 6	64.05						



Clay County--Continued

8-6-12bb. Paul Helzer. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 135 feet. Land-surface datum is 1,769.50 feet above msl. Highest water level 76.80, Apr. 28, 1953; lowest water level 88.71, Oct. 30, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	81.35	Apr. 13	80.68	Oct. 30	88.71	Dec. 7	87.56
Mar. 6	80.32						

8-8-17ab. Ray O'Donnell. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 155 feet. Land-surface datum is 1,884.50 feet above msl. Highest water level 103.57, Apr. 22, 1953; lowest water level 110.82, Dec. 7, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	108.11	Apr. 13	107.10	Oct. 30	110.69	Dec. 7	110.82
Mar. 6	108.24						

Colfax County

A17-2-16bc. T. Stibal. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 112 feet. Land-surface datum is 1,419.61 feet above msl. Highest water level 24.04, Aug. 14, 1951; lowest water level 28.35, Nov. 28, 1956. Records available: 1946-51, 1956. Nov. 28, 28.35.

A17-2-22dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 1,385.01 feet above msl. Highest water level 3.49, May 3, 1951; lowest water level 8.25, Nov. 28, 1956. Records available: 1946-56. Nov. 28, 8.25.

A17-3-4cc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 16 feet. Land-surface datum is 1,370.58 feet above msl. Highest water level 4.15, Apr. 1, 1952; lowest water level 7.62, Nov. 28, 1956. Records available: 1946-56. Nov. 28, 7.62.

## Colfax County--Continued

A17-3-15bc. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 25 feet. Land-surface datum is 1,358.10 feet above msl. Highest water level 6.69, Nov. 28, 1956; lowest water level 10.60, Nov. 11, 1953. Records available: 1947-49, 1953, 1956. Nov. 28, 6.69.

A17-3-18dc. K. J. Folda. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 61 feet. Land-surface datum is 1,369.12 feet above msl. Highest water level 1.75, Mar. 23, 1948; lowest water level 4.87, Nov. 28, 1956. Records available: 1946-53, 1956. Nov. 28, 4.87.

A17-3-23cc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 11 feet. Land-surface datum is 1,347.03 feet above msl. Highest water level 2.15, Mar. 24, 1948; lowest water level 5.27, Sept. 3, 1946. Records available: 1946-56. Nov. 26, 5.26.

A17-3-29aa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches. Land-surface datum is 1,360.63 feet above msl. Highest water level 6.97, July 8, 1947; lowest water level 9.35, Nov. 28, 1956. Records available: 1946-53, 1956. Nov. 28, 9.35.

A17-4-4bb. E. Maxes. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 36 feet. Land-surface datum is 1,340.15 feet above msl. Highest water level 9.44, June 3, 1952; lowest water level 18.90, Nov. 28, 1956. Records available: 1945-56. Nov. 28, 18.90.

## Cuming County

A21-6-23bb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 inch, depth 23 feet. Highest water level 3.68, Nov. 6, 1951; lowest water level 8.93, Oct. 10, 1941. Records available: 1934-44, 1946, 1948, 1950-56. Nov. 13, 6.40.

A22-6-4aa. Art Miller. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 52 feet. Highest water level 7.51, Sept. 1, 1951; lowest water level 11.24, Nov. 13, 1956. Records available: 1950-56. Nov. 13, 11.24.

## Cuming County--Continued

A22-6-16ca. Fritz Koch. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 55 feet. Highest water level 1.99, Nov. 7, 1951; lowest water level 9.44, Nov. 13, 1956. Records available: 1951, 1953-56. Nov. 13, 9.44.

A22-6-34bd. City of West Point. Drilled unused water-table well in sand of Pleistocene age, diameter 18 inches, depth 42 feet. Highest water level 3.78, Jan. 30, 1952; lowest water level 7.54, Nov. 30, 1953 and Nov. 13, 1956. Records available: 1950-56. Nov. 13, 7.54.

A23-5-36bd. H. Albers. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 52 feet. Highest water level 8.28, Aug. 29, 1951; lowest water level 13.50, Nov. 13, 1956. Records available: 1950-56. Nov. 13, 13.50.

## Custer County

13-21-36ca. Jack Lyons. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 123 feet. Highest water level 50.55, May 30, 1951; lowest water level 54.03, June 27, 1956. Records available: 1950-54, 1956. June 27, 54.03.

16-23-35cb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 29 feet. Highest water level 20.71, Nov. 26, 1936; lowest water level 23.09, Aug. 10, 1937. Records available: 1936-42, 1951, 1954, 1956. June 27, 22.95.

18-17-4ac. Ben Tvrdik. Drilled irrigation water-table well in gravel of Pleistocene age, diameter 32 inches, depth 108 feet. Land-surface datum is 2,274.18 feet above msl. Highest water level 11.53, Aug. 12, 1954; lowest water level 13.30, June 20, 1956. Records available: 1950-56. June 20, 13.30.

19-17-9ca. R. E. Probert. Drilled irrigation water-table well in gravel of Pleistocene age, diameter 18 inches, depth 170 feet. Land-surface datum is 2,335.4 feet above msl. Highest water level 65.43, July 17, 1953; lowest water level 73.99, Aug. 13, 1954. Records available: 1949-56. June 20, 70.05.

### Custer County--Continued

19-20-1cd. Frank Wells. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches. Land-surface datum is 2,398.03 feet above msl. Highest water level 10.18, May 22, 1951; lowest water level 14.38, Aug. 12, 1954. Records available: 1949-56. June 20, 11.97.

20-20-30aa. Ted Holmes. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 77 feet. Land-surface datum is 2,445.91 feet above msl. Highest water level 31.72, Sept. 12, 1951; lowest water level 33.23, June 20, 1956. Records available: 1949-56. June 20, 33.23.

20-21-10bc. A. C. Turner. Drilled domestic water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 30 feet. Land-surface datum is 2,476.68 feet above msl. Highest water level 17.78, July 16, 1953; lowest water level 22.81, Aug. 26, 1955. Records available: 1949-56. June 20, 21.76.

### Dakota County

A29-7-21db. Land Company. Drilled water-table well, diameter 4 inches, depth 38 feet. Highest water level 19.73, July 9, 1938; lowest water level 24.36, Nov. 26, 1956. Records available: 1938-42, 1956. Nov. 26, 24.36.

### Dawes County

29-47-2dca. Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 16 inches, depth 265 feet. Highest water level 80.19, Mar. 13, 1956; lowest water level 82.54, Sept. 18, 1954. Records available: 1950-56. Mar. 13, 80.19; Oct. 12, 81.58.

31-52-3dc. T. P. Moody. Drilled observation water-table well in sand and alluvium, diameter 8 inches, depth 39 feet. Highest water level 15.87, May 30, 1948; lowest water level 22.28, Oct. 31, 1956. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	20.61	Feb. 29	20.79	June 25	20.91	Aug. 28	21.44
27	20.61	Apr. 24	20.57	July 23	21.33	Oct. 31	22.28

Dawson County

9-19-22ba. Tom Brennan. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 57 feet. Land-surface datum is 2,311.79 feet above msl. Highest water level 17.79, Mar. 29, 1947; lowest water level 24.28, June 1, 1956. Records available: 1947-51, 1956. June 1, 24.28.

9-19-31cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 32 feet. Highest water level 6.50, Apr. 16, 1949; lowest water level 8.72, June 1, 1956. Records available: 1947-51, 1956. June 1, 8.72.

9-19-35cc. F. E. Barber. Drilled irrigation water-table well in sand of Pleistocene age, depth 34 feet. Land-surface datum is 2,286.93 feet above msl. Highest water level 6.40, Mar. 29, 1947; lowest water level 9.60, June 1, 1956. Records available: 1947-51, 1956. June 1, 9.60.

9-20-1bb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 41 feet. Land-surface datum is 2,345.88 feet above msl. Highest water level 14.67, Mar. 29, 1947; lowest water level 20.67, June 1, 1956. Records available: 1947-48, 1950-51, 1956. June 1, 20.67.

9-20-3dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 18 feet. Land-surface datum is 2,343.38 feet above msl. Highest water level 5.65, Oct. 25, 1951; lowest water level 15.13, June 1, 1956. Records available: 1946-56. June 1, 15.13.

9-20-10bb. J. Oswald. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 42 feet. Land-surface datum is 2,345.72 feet above msl. Highest water level 8.30, Mar. 29, 1947; lowest water level 13.16, June 1, 1956. Records available: 1947, 1951, 1956. June 1, 13.16.

9-20-12ab. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 36 feet. Land-surface datum is 2,333.26 feet above msl. Highest water level 9.61, Apr. 16, 1949; lowest water level 13.54, June 1, 1956. Records available: 1947-51, 1956. June 1, 13.54.

9-20-33dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,328.02 feet above msl. Highest water level 2.09, July 7, 1949; lowest water level 5.70, Oct. 23, 1953. Records available: 1946-56. June 1, 5.30.



Dawson County--Continued

9-20-34bb. Guy Weitzel. Drilled irrigation water-table well in sand of Pleistocene age, diameter 6 feet, depth 28 feet. Land-surface datum is 2,329.82 feet above msl. Highest water level 4.02, Mar. 29, 1947; lowest water level 7.30, June 1, 1956. Records available: 1947-51, 1956. June 1, 7.30.

9-21-7aa. U. S. Geol. Survey. Driven observation water-table well in gravel, diameter 1 1/4 inches, depth 14 feet. Land-surface datum is 2,401.71 feet above msl. Highest water level 5.36, Apr. 30, 1944; lowest water level 8.99, Aug. 21, 1934. Records available: 1930-51, 1953-56. June 1, 8.97.

9-21-18aa. U. S. Geol. Survey. Driven observation water-table well in gravel, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,399.65 feet above msl. Highest water level 2.50, Apr. 30, 1944; lowest water level 7.74, Aug. 14, 1934. Records available: 1930-56. June 1, 6.34.

9-21-19aa1. U. S. Geol. Survey. Driven observation water-table well in gravel, diameter 1 1/4 inches, depth 11 feet. Land-surface datum is 2,397.24 feet above msl. Highest water level 1.88, Feb. 25, 1932; lowest water level 5.93, Sept. 17, 1954. Records available: 1930-40, 1942-56. June 1, 5.72

9-21-26ab. Joe Resch. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 32 feet. Land-surface datum is 2,367.27 feet above msl. Highest water level 4.55, Mar. 29, 1947; lowest water level 8.56, June 1, 1956. Records available: 1947-51, 1956. June 1, 8.56.

9-21-29bc. U. S. Geol. Survey. Drilled observation water-table well in gravel of Pleistocene age, diameter 1 1/2 inches, depth 10 feet. Land-surface datum is 2,382.23 feet above msl. Highest water level .10, May 3, 1933; lowest water level 5.21, Sept. 30, 1940. Records available: 1930-56. Dec. 11, 3.48.

9-21-31da. U. S. Geol. Survey. Drilled observation water-table well in gravel of Pleistocene age, diameter 1 1/4 inches, depth 24 feet. Land-surface datum is 2,389.89 feet above msl. Highest water level 7.40, Nov. 9, 1948; lowest water level 22.90, July 24, 1940. Records available: 1930-56. Dec. 11, 12.23.

9-22-33aa. C. J. Magnuson. Drilled unused water-table well in sand of Pleistocene age, diameter 3 inches, depth 88 feet. Land-surface datum is 2,508.69 feet above msl. Highest water level 28.03, Apr. 24, 1953; lowest water level 34.56, May 10, 1949. Records available: 1949-56. Dec. 11, 28.88.



Dawson County--Continued

9-23-2dc. Leo Neil. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 53 feet. Land-surface datum is 2,464.22 feet above msl. Highest water level 14.05, July 14, 1947; lowest water level 18.24, Aug. 9, 1946. Records available: 1945-56. Dec. 11, 15.83.

9-23-2lbb. Oscar Weissert. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 3 inches, depth 253 feet. Land-surface datum is 2,683.70 feet above msl. Highest water level 154.34, Dec. 11, 1956; lowest water level 170.74, May 11, 1949. Records available: 1949-56. Dec. 11, 154.34.

10-20-35bb. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 26 feet. Land-surface datum is 2,358.5 feet above msl. Highest water level 14.80, July 12, 1947; lowest 24.10, Dec. 28, 1955. Records available: 1946-56. June 1, 23.05.

10-21-3lda. U. S. Geol. Survey. Drilled observation water-table well in gravel of Pleistocene age, diameter 1 1/2 inches, depth 14 feet. Land-surface datum is 2,399.05 feet above msl. Highest water level 3.29, June 12, 1935; lowest water level 10.67, June 1, 1956. Records available: 1930-56. June 1, 10.67.

10-23-29bb. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,480.3 feet above msl. Highest water level 2.02, Oct. 9, 1946; lowest water level 7.84, Oct. 27, 1953 and Dec. 11, 1956. Records available: 1946-56. Dec. 11, 7.84.

10-24-7bb. F. C. McDowell. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 38 feet. Land-surface datum is 2,542.33 feet above msl. Highest water level 10.35, Oct. 9, 1946; lowest water level 13.52, July 12, 1946. Records available: 1946-56. Dec. 11, 12.54.

11-25-2lcc. E. D. Clark. Drilled irrigation water-table well in gravel and sand of Pleistocene age, diameter 16 inches, depth 28 feet. Land-surface datum is 2,571.19 feet above msl. Highest water level 4.18, Nov. 17, 1931; lowest water level 13.40, Aug. 10, 1931. Records available: 1930-42, 1944-56. Dec. 11, 8.53.

## Deuel County

12-14-18bb. P. Nass. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 92 feet. Highest water level 10.60, June 20, 1950; lowest water level 12.13, Oct. 10, 1956. Records available: 1950, 1954-56. Oct. 10, 12.13.

13-45-23dc. Albert Williams. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 23 feet. Highest water level 11.84, Nov. 19, 1951; lowest water level 16.61, Oct. 10, 1956. Records available: 1950-52, 1954-56. Oct. 10, 16.61.

14-46-33dc2. Myron Carlson Ranches. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 31 feet. Highest water level 13.41, May 22, 1951; lowest water level 16.66, Oct. 10, 1956. Records available: 1950-52, 1954-56. Oct. 10, 16.66.

## Dixon County

A30-6-23cb. Fred Mille. Dug stock water-table well in gravel of Pleistocene age, diameter 36 inches, depth 30 feet. Highest water level 10.40, July 9, 1938; lowest water level dry, Oct. 11, 1941. Records available: 1935-42, 1946-47, 1954-56. Nov. 26, 19.53.

## Dodge County

A17-5-2bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 1,280.94 feet above msl. Highest water level 2.12, May 3, 1951; lowest water level 5.98, Nov. 28, 1956. Records available: 1946-53, 1956. Nov. 28, 5.98.

A17-6-6aa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 13 feet. Land-surface datum is 1,264.93 feet above msl. Highest water level .31, May 3, 1951; lowest water level 5.04, Nov. 28, 1956. Records available: 1936-42, 1944-56. Nov. 28, 5.04.

A17-6-8bc. Owner unknown. Drilled stock water-table well in sand of Pleistocene age, diameter 6 inches, depth 15 feet. Land-surface datum is 1,268.35 feet above msl. Highest water level 1.78, Mar. 8, 1949; lowest water level 6.03, Sept. 3, 1947. Records available: 1946-53, 1956. Nov. 28, 5.53.

Dodge County—Continued

A17-8-4aa. City of Fremont. Drilled observation water-table well in gravel, diameter 2 inches, depth 34 feet. Land-surface datum is 1,197.05 feet above msl. Highest water level 1.31, May 3, 1951; lowest water level 12.21, Feb. 3, 1940. Records available: 1940-53, 1956. Nov. 27, 10.17.

A17-8-4dd. City of Fremont. Drilled observation water-table well in gravel, diameter 2 inches, depth 31 feet. Land-surface datum is 1,198.64 feet above msl. Highest water level 3.70, July 7, 1947; lowest water level 14.85, Nov. 27, 1956. Records available: 1940-53, 1956. Nov. 27, 14.85.

A17-8-28dd. City of Fremont. Drilled observation water-table well in gravel, diameter 2 inches, depth 19 feet. Land-surface datum is 1,198.44 feet above msl. Highest water level .10 above lsd, Mar. 9, 1950; lowest water level 6.29, Feb. 21, 1940. Records available: 1940-50, 1956. Nov. 27, 6.22.

A18-6-25cc. John R. Sic. Drilled irrigation water-table well in gravel of Pleistocene age, diameter 18 inches, depth 37 feet. Land-surface datum is 1,250.21 feet above msl. Highest water level 3.98, May 3, 1951; lowest water level 16.82, July 26, 1955. Records available: 1947-56. Nov. 28, 15.73.

A18-8-28da. City of Fremont. Drilled observation water-table well in gravel of Pleistocene age, diameter 2 inches, depth 85 feet. Land-surface datum is 1,262.76 feet above msl. Highest water level 60.86, Oct. 8, 1941; lowest water level 68.72, Mar. 20, 1940. Records available: 1940-56. Nov. 27, 67.55.

A18-8-28dd. City of Fremont. Drilled observation water-table well in gravel, diameter 2 inches, depth 53 feet. Land-surface datum is 1,217.40 feet above msl. Highest water level 23.63, Oct. 8, 1941; lowest water level 31.92, Feb. 3, 1940. Records available: 1940-53, 1956. Nov. 27, 26.21.

A18-8-33aa. City of Fremont. Drilled observation water-table well in gravel, diameter 2 inches, depth 38 feet. Land-surface datum is 1,199.56 feet above msl. Highest water level 3.00, Oct. 8, 1941; lowest water level 9.36, Mar. 20, 1940. Records available: 1940-41, 1946-52, 1956. Nov. 27, 6.64.

A18-9-18db. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diameter 1 inch, depth 17 feet. Highest water level 3.93, Nov. 6, 1951; lowest water level 9.51, Oct. 8, 1941. Records available: 1936-44, 1946-48, 1950-56. Nov. 13, 8.15.

### Dodge County--Continued

A19-7-10cb. State of Nebraska. Drilled public supply water-table well in gravel of Pleistocene age, diameter 12 inches, reported depth 60 feet. Highest water level .98 above lsd, Nov. 6, 1951; lowest water level 4.90, Nov. 13, 1956. Records available: 1950-51, 1953-56. Nov. 13, 4.90.

A19-8-34ba. B. Havekost. Drilled irrigation water-table well, diameter 18 inches, depth 133 feet. Highest water level 64.59, Nov. 6, 1951; lowest water level 74.05, Nov. 13, 1956. Records available: 1950-56. Nov. 13, 74.05.

### Douglas County

A15-10-4bd. J. C. Robinson Seed Co. Drilled irrigation water-table well in sand and gravel, diameter 8 inches, depth 30 feet. Land-surface datum is 1,126 feet above msl. Highest water level 5.81, Dec. 26, 1946; lowest water level 9.35, July 24, 1934. Records available: 1934-42, 1944, 1946, 1953-56. Nov. 30, 7.37.

### Dundy County

1-37-19ba. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 18 feet. Land-surface datum is 2,989 feet above msl. Highest water level 7.12, Apr. 5, 1949; lowest water level 16.39, Oct. 5, 1954. Records available: 1946-56. Jan. 16, 10.80; Sept. 11, 13.08.

1-37-31cd. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 3,006 feet above msl. Highest water level 3.21, Apr. 5, 1949; lowest water level 7.40, Sept. 12, 1955. Records available: 1946-56. Jan. 16, 5.74; Sept. 11, 6.80.

1-39-21ac. Louis Krutsinger. Drilled unused water-table well in gravel of Pleistocene age, diameter 6 inches, depth 15 feet. Land-surface datum is 3,096 feet above msl. Highest water level 4.13, Dec. 21, 1951; lowest water level 6.23, July 29, 1940. Records available: 1935-43, 1946-56. Jan. 19, 4.85.

Dundy County--Continued

\*1-40-29bb. U. S. Geol. Survey. Drilled observation water-table well in silt and clay, diameter 8 inches, depth 21 feet. Land-surface datum is 3,207 feet above msl. Highest water level 10.12, Aug. 22-23, 1950; lowest water level 14.19, Sept. 15, 1955. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15	13.61	Aug. 31	13.21	Oct. 31	13.19	Nov. 15	13.08
July 31	13.32	Sept. 30	13.31				

1-41-27ca. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 3,247 feet above msl. Highest water level 2.86, Feb. 8, 1949; lowest water level 6.25, July 25, 1955. Records available: 1946-56. Jan. 16, 5.10; Sept. 11, 5.90.

1-42-13bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 3,318 feet above msl. Highest water level 3.21, Apr. 5, 1949; lowest water level 6.09, Sept. 12, 1955. Records available: 1946-56. Jan. 16, 4.78; Sept. 11, 5.39.

1-42-36aa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 11 feet. Land-surface datum is 3,292 feet above msl. Highest water level 9.29, Jan. 11, 1954; lowest water level, dry, Mar. 29, 1954, and years of 1955 and 1956. Records available: 1946-56. Sept. 11, dry.

2-36-31bc. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 28 feet. Land-surface datum is 2,916 feet above msl. Highest water level 18.83, June 3, 1952; lowest water level 22.98, Sept. 11, 1956. Records available: 1946-56. Jan. 19, 22.40; Sept. 11, 22.98.

Fillmore County

5-2-28dc. Jack Henricks. Drilled irrigation water-table well in sand and gravel, diameter 18 inches, depth 161 feet. Highest water level 62.34, Dec. 13, 1954; lowest water level 63.93, Oct. 30, 1956. Records available: 1954-56.

\*Recording gage.



Fillmore County--Continued

5-2-28dc--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	62.90	Apr. 13	63.05	July 10	63.23	Dec. 7	63.90
Mar. 6	62.23	June 12	63.25	Oct. 30	63.93		

\*5-4-12bc. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 8 inches, depth 100 feet. Highest water level 73.41, Dec. 10, 1956; lowest water level 73.69, Oct. 25, 1956. Records available: 1956. Oct. 31, 73.64; Nov. 30, 73.55; Dec. 31, 73.48.

5-4-33bb. Oscar E. Johnson. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 153 feet. Highest water level 81.36, Dec. 14, 1954; lowest water level 84.34, Oct. 30, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13	82.81	Mar. 6	82.76	June 12	82.93	Oct. 30	84.34
31	82.80	Apr. 13	82.74	July 10	82.90	Dec. 7	84.28

6-3-25ad. Charles Kovanda. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 36 inches, depth 181 feet. Highest water level 78.30, Mar. 15, 1955; lowest water level 83.07, Oct. 30, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17	80.05	Mar. 6	79.78	June 12	80.78	Oct. 30	83.07
31	80.12	Apr. 13	79.90	July 10	82.78	Dec. 7	82.46

7-1-15ad. W. H. Steyer. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 253 feet. Highest water level 84.26, Mar. 15, 1955; lowest water level 86.74, Oct. 30, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	84.85	Mar. 6	84.58	July 10	85.45	Dec. 7	86.03
31	84.78	June 14	85.11	Oct. 30	86.74		

\*Recording gage.



Fillmore County--Continued

7-4-17bd. George Stutzman. Drilled irrigation water-table well in Grand Island and Holdrege formations, diameter 18 inches, depth 186 feet. Highest water level 74.96, Mar. 15, 1955; lowest water level 82.45, July 10, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	76.81	Apr. 13	79.65	June 13	77.86	Oct. 30	81.72
Mar. 6	76.38	20	80.65	July 10	82.45	Dec. 7	81.40

8-1-10ad. Otto F. Peterson. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 253 feet. Highest water level 83.03, Mar. 15, 1955; lowest water level 88.71, Apr. 13, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12	83.70	Mar. 6	83.47	June 14	84.82	Oct. 30	86.39
31	83.59	Apr. 13	88.71	July 10	84.34	Dec. 7	85.40

\*8-2-26adl. U. S. Geol. Survey. Drilled observation water-table well in loess (Peorian), diameter 8 inches, depth 40 feet. Highest water level 23.83, Dec. 10, 1956; lowest water level 24.14, Oct. 25, 1956. Records available: 1956. Oct. 31, 24.10; Nov. 30, 23.85; Dec. 31, 23.89.

8-4-5ab. J. G. Kroeker. Drilled irrigation water-table well in sand and gravel, diameter 18 inches, depth 168 feet. Land-surface datum is 1,699.50 feet above msl. Highest water level 85.82, Apr. 13, 1953; lowest water level 90.08, Oct. 30, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13	88.27	Mar. 6	88.22	June 13	87.93	Dec. 7	89.80
31	88.39	Apr. 13	87.92	Oct. 30	90.08		

\*Recording gage.

Franklin County

1-13-2bc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 18 feet. Land-surface datum is 1,759.78 feet above msl. Highest water level 5.94, June 22, 1949; lowest water level 9.56, Oct. 8, 1948. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 28	8.49	July 13	8.88	Oct. 3	9.02	Dec. 14	9.00
May 4	8.50						

1-14-7bbl. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 20 feet. Land-surface datum is 1,805.68 feet above msl. Highest water level .07, May 23, 1949; lowest water level 5.90, July 19, 1956. Records available: 1940-42, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 1	4.39	June 8	4.60	Oct. 26	4.70	Dec. 20	4.55
Apr. 26	4.53	July 19	5.90				

1-16-1hab. C. Howell. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 80 feet. Land-surface datum is 1,886.95 feet above msl. Highest water level 37.40, Oct. 26, 1946; lowest water level 43.11, Aug. 26, 1955. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 1	41.91	Apr. 26	41.73	June 8	41.90	July 19	41.60

2-14-3had. State of Nebraska. Drilled unused water-table well in sand of Pleistocene age, diameter 4 feet, depth 121 feet. Land-surface datum is 1,895.01 feet above msl. Highest water level 46.05, July 13, 1956; lowest water level 51.10, Aug. 5, 1948. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 28	48.55	July 13	46.05	Oct. 2	46.08	Dec. 14	46.97
May 8	48.99						

# Furnas County

3-21-12dc. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,053 feet above msl. Highest water level 3.23, Apr. 24, 1952; lowest water level 8.58, Nov. 3, 1955. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9	5.97	May 18	5.98	Sept. 13	8.23	Dec. 28	7.20
Apr. 19	5.87						

3-22-2ba. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diameter 1 1/4 inches, depth 14 feet. Land-surface datum is 2,116 feet above msl. Highest water level 4.78, July 28, 1947; lowest water level 10.42, Dec. 28, 1956. Records available: 1946-56. Dec. 28, 10.42.

4-22-29ad. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 23 feet. Land-surface datum is 2,134 feet above msl. Highest water level 7.78, Aug. 11, 1955; lowest water level 17.60, Aug. 13, 1946. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 6	12.94	May 18	13.02	Sept. 13	9.12	Dec. 28	12.80
Apr. 18	13.23	June 28	8.82				

4-23-23bd. O. V. Moore. Drilled stock water-table well in sand of Pleistocene age, diameter 6 inches, depth 43 feet. Highest water level 28.10, Aug. 15, 1955; lowest water level 30.89, Sept. 13, 1943. Records available: 1936-44, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5	28.83	May 17	29.06	June 27	28.93	Sept. 12	29.58
Apr. 18	28.88						

4-23-30cc. Brening Brothers. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 93 feet. Highest water level 51.84, June 5, 1947; lowest water level 55.40, Nov. 3, 1955. Records available: 1946-56. Mar. 9, 54.79; Apr. 19, 53.00.

# Furnas County--Continued

4-24-15cc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 23 feet. Highest water level 10.12, Aug. 25, 1954; lowest water level 14.20, Aug. 14, 1946. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5	12.88	May 17	10.85	Sept. 11	10.55	Dec. 27	12.88
Apr. 17	13.06	June 27	11.21				

# Garden County

17-44-22cc. Dr. G. H. Morris. Drilled unused water-table well in sand and gravel, diameter 1 1/4 inches, depth 34 feet. Highest water level 20.83, Oct. 25, 1935; lowest water level 27.68, Oct. 13, 1956. Records available: 1935-42, 1944-46, 1948-56. Oct. 13, 27.68.

18-46-27cc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1 inch, depth 17 feet. Highest water level 1.94, Sept. 7, 1951; lowest water level 5.95, July 26, 1940. Records available: 1934-42, 1944, 1946, 1948-56. Oct. 13, 3.88.

20-42-7bc. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,789.86 feet above msl. Highest water level 1 , Nov. 10, 1938; lowest water level 7.72, Sept. 19, 1946. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22	6.22	June 27	7.32	Oct. 9	7.52	Dec. 20	6.86

20-43-2bd. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,803.36 feet above msl. Highest water level 2.40, July 5, 1945; lowest water level 6.30, June 16, 1948. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22	4.80	June 27	4.90	Oct. 14	5.50	Dec. 20	5.16

Garden County--Continued

20-43-9bc. Crescent Lake Migratory Bird Refuge. Driven observation water table well in fine sand, diameter 1 1/2 inches, depth 9 feet. Land-surface datum is 3,801.80 feet above msl. Highest water level 1.10, June 6, 1935; lowest water level 6.00, Feb. 24, 1938. Records available: 1933-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22	4.80	June 27	4.00	Oct. 24	4.50	Dec. 20	4.50

20-43-22cd. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,771.11 feet above msl. Highest water level .86, June 6, 1935; lowest water level 5.60, Sept. 2, 1948. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	4.10	June 27	4.90	Oct. 9	5.50	Dec. 20	4.81
Mar. 22	4.10						

20-44-5db. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,798.19 feet above msl. Highest water level 4.30, Oct. 21, 1934; lowest water level 8.70, Apr. 11, 1941. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	6.90	June 27	7.00	Oct. 5	7.20	Dec. 20	7.59

20-44-6ba. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches, depth 23 feet. Land-surface datum is 3,795.53 feet above msl. Highest water level 1.74 feet above lsd, June 23, 1953; lowest water level 2.88, July 11, 1939. Records available: 1933-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	0.80	June 21	1.40	Oct. 5	2.00	Dec. 21	1.63



Garden County--Continued

20-44-9ad. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,794.939 feet above msl. Highest water level 5.10, Mar. 27, 1952; lowest water level 11.60, Mar. 15, 1946. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	10.30	June 27	10.40	Oct. 9	10.70	Dec. 20	10.94

20-44-9ca. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches, depth 8 feet. Land-surface datum is 3,791.79 feet above msl. Highest water level 3.15, May 4, 1934; lowest water level dry, Dec. 11, 1937 through Apr. 1938 and July 20, 1939-Aug. 1942. Records available: 1933-39, 1942-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	6.70	June 27	6.80	Oct. 5	7.10	Dec. 20	3.29

20-44-12dc. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches, depth 9 feet. Land-surface datum is 3,798.57 feet above msl. Highest water level 1.18, June 6, 1935; lowest water level 5.80, Mar. 28, 1955. Records available: 1933-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	3.20	June 27	4.50	Oct. 9	5.00	Dec. 20	4.47

20-44-22cb. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,783.16 feet above msl. Highest water level 15.57, Oct. 7, 1934; lowest water level 19.86, Apr. 25, 1938 and Dec. 20, 1956. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	19.30	June 28	20.50	Oct. 9	19.60	Dec. 20	19.86



Garden County--Continued

20-44-23cb. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/4 inches, depth 9 feet. Land-surface datum is 3,773.40 feet above msl. Highest water level 1.07, June 20, 1935; lowest water level 7.20, Sept. 13, 1945. Records available: 1933-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	4.30	June 28	4.20	Oct. 9	4.70	Dec. 20	4.80

20-45-1ca. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,812.82 feet above msl. Highest water level ~~6.15~~ <sup>1.55</sup> above ~~led, Dec. 22, 1950~~; lowest water level 5.76, Oct. 9, 1937. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	3.95	June 25	4.55	Oct. 10	4.95	Dec. 21	4.72

20-45-4bd. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,819.68 feet above msl. Highest water level 2.71, Mar. 20, 1946; lowest water level 6.91, Oct. 9, 1937. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	3.98	June 21	4.88	Oct. 5	5.18	Dec. 21	4.78

20-45-11dd. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,800.37 feet above msl. Highest water level .11, June 6, 1935; lowest water level 4.82, Oct. 14, 1934. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	1.80	June 21	3.00	Oct. 5	3.90	Dec. 21	2.67

20-45-13ab. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,796.09 feet above msl. Highest water level 1.20, Apr. 1, 1952; lowest water level 5.25, Aug. 30 and Sept. 6 and 20, 1940. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	3.80	June 21	4.20	Oct. 5	4.80	Dec. 21	4.49

Garden County--Continued

20-45-17bs. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,815.11 feet above msl. Highest water level 3.10, Apr. 1, 1952; lowest water level 8.00, Sept. 2, 1941. Records available: 1934-43, 1945-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	4.91	June 21	5.81	Oct. 5	6.61	Dec. 21	5.61

21-42-31cb. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,816.27 feet above msl. Highest water level 3.24, May 2, 1935; lowest water level 7.15, Aug. 17, 1938. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22	5.80	June 27	6.60	Oct. 9	7.05	Dec. 20	6.37

21-44-29ab. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,828.54 feet above msl. Highest water level 1.40, June 27, 1952; lowest water level 6.55, Nov. 5, 1937. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	3.80	June 25	3.80	Oct. 4	4.30	Dec. 21	4.34

21-44-30da. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,825.71 feet above msl. Highest water level .60 feet above lsd, Apr. 1, 1952; lowest water level 4.90, Sept. 25, 1953. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	1.90	June 25	3.60	Oct. 4	4.20	Dec. 21	4.07

Garden County--Continued

21-44-34cd. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,803.12 feet above msl. Highest water level 2.88, June 6, 1935; lowest water level 5.95, Dec. 14, 1939. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22	4.70	June 27	5.00	Oct. 9	5.40	Dec. 20	5.42

21-44-35ca. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand of Pleistocene age, diameter 1 1/4 inches, depth 8 feet. Land-surface datum is 3,802.99 feet above msl. Highest water level .43, Feb. 12, 1934; lowest water level 5.74, Mar. 17, 1938. Records available: 1933-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	3.00	Mar. 30	2.80	July 6	3.70	Oct. 1	4.50
10	3.00	Apr. 6	2.80	12	4.00	9	4.50
25	2.90	13	2.90	27	4.40	15	4.50
Feb. 2	2.90	20	2.90	Aug. 3	4.30	22	4.40
8	2.90	26	2.90	13	4.30	29	4.40
16	2.90	May 3	2.50	16	4.40	Nov. 8	4.20
23	2.70	10	2.90	23	4.30	19	3.90
Mar. 2	2.70	18	3.20	31	4.40	Dec. 3	3.79
8	2.70	24	3.40	Sept. 7	4.40	10	3.79
15	2.60	June 7	3.40	14	4.30	20	3.79
22	2.60	27	3.90	21	4.30		

21-45-3bd1. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 2 inches, depth 21 feet. Land-surface datum is 3,821.84 feet above msl. Highest water level 3.05, Apr. 17, 1935; lowest water level 9.71, Aug. 18, 1938. Records available: 1933-39, 1942-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3	6.99	June 28	8.39	Oct. 10	8.59	Dec. 21	7.74
Mar. 29	6.99						

Garden County--Continued

21-45-3bd2. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand of Pleistocene age, diameter 1 1/4 inches, depth 10 feet. Land-surface datum is 3,850.97 feet above msl. Highest water level 1.70, Mar. 7 through 22, 1952; lowest water level 7.82, Nov. 30, 1938. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	4.50	Mar. 23	4.30	June 21	4.60	Sept. 21	5.50
10	4.50	30	4.30	29	4.70	Oct. 1	5.50
25	4.50	Apr. 13	4.30	July 6	4.60	4	5.50
Feb. 2	4.50	20	4.30	27	5.10	22	5.50
8	4.50	26	4.30	Aug. 3	5.10	30	5.50
16	4.50	May 3	4.10	16	5.10	Nov. 8	5.40
23	4.50	10	4.10	23	5.10	19	5.20
Mar. 1	4.40	18	4.10	31	5.20	Dec. 3	5.17
8	4.40	25	4.10	Sept. 7	5.20	10	5.07
14	4.40	June 8	4.40	14	5.30	21	5.07

21-45-10cd. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches, depth 19 feet. Land-surface datum is 3,841.78 feet above msl. Highest water level 1.11, Apr. 1, 1952; lowest water level 6.70, Aug. 21, 1940. Records available: 1933-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	2.51	June 21	4.41	Oct. 5	5.31	Dec. 21	3.98

21-45-11ac. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,850.196 feet above msl. Highest water level .90, June 27, 1952; lowest water level 9.97, May 23, 1938. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	7.40	June 25	7.60	Oct. 4	7.80	Dec. 21	8.10

21-45-13ca. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,839.78 feet above msl. Highest water level 1.80, June 27, 1952; lowest water level 6.67, June 17, 1949. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	3.10	June 25	3.40	Oct. 4	3.90	Dec. 21	3.88

Garden County--Continued

21-45-14db. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,842.53 feet above msl. Highest water level .58, Mar. 11, 1949; lowest water level 9.02, Mar. 27, 1945. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	3.28	June 21	3.58	Oct. 5	4.38	Dec. 21	4.23

21-45-22db. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,833.90 feet above msl. Highest water level 10.00, Mar. 26, 1948; lowest water level 14.48, Oct. 20, 1936. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	11.40	June 21	12.40	Oct. 4	12.90	Dec. 21	12.30

21-45-25ad. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches, depth 8 feet. Land-surface datum is 3,828.37 feet above msl. Highest water level 1.40 feet above lsd, Mar. 26, 1948; lowest water level 4.93, May 11, 1938. Records available: 1933-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	1.90	June 25	2.50	Oct. 4	3.20	Dec. 21	2.77

21-45-27cb. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,822.73 feet above msl. Highest water level 2.50, Dec. 26, 1950; lowest water level 6.62, Oct. 9, 1937. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	3.61	June 21	4.31	Oct. 5	4.81	Dec. 21	4.23



Garden County--Continued

21-45-35bb. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches, depth 8 feet. Land-surface datum is 3,822.28 feet above msl. Highest water level 1.10, Apr. 1, 1952; lowest water level dry, Aug. through Dec. 1935, July through Oct. 1936, July 1937 through Apr. 1938, and July 28 to Dec. 1939. Records available: 1933-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 21	2.30	June 21	3.50	Oct. 5	4.60	Dec. 21	3.66

21-45-36ca. Crescent Lake Migratory Bird Refuge. Driven observation water-table well in fine sand, diameter 1 1/2 inches. Land-surface datum is 3,825.84 feet above msl. Highest water level 2.50, June 20, 1949; lowest water level 9.05, Feb. 18, 1938. Records available: 1934-39, 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23	4.30	June 25	4.60	Oct. 10	4.00	Dec. 21	4.04

Garfield County

21-16-14cb. Frank Smolik. Drilled irrigation water-table well in gravel of Pleistocene age, diameter 18 inches, depth 154 feet. Highest water level 23.82, Oct. 24, 1950; lowest water level 24.89, Feb. 9, 1955. Records available: 1950-56. June 28, 24.22.

24-15-20aa. U. S. Geol. Survey. Driven observation water-table well in fine sand of Pleistocene age, diameter 1 inch, depth 17 feet. Highest water level 1.80, May 29, 1936; lowest water level 5.70, July 17, 1940. Records available: 1935-36, 1938-42, 1952-56. June 28, 4.30.

Gosper County

6-21-29cc. Forrester. Drilled unused water-table well in sand of Pleistocene age, diameter 4 inches, depth 136 feet. Land-surface datum is 2,401.25 feet above msl. Highest water level 111.90, Dec. 11, 1956; lowest water level 123.72, Oct. 16, 1948. Records available: 1948-52, 1954-56. Dec. 11, 111.90.



## Gosper County--Continued

7-21-6bc. Andy Larson Estate. Drilled unused water-table well in Ogallala formation, diameter 4 inches, depth 132 feet. Land-surface datum is 2,466.95 feet above msl. Highest water level 88.75, Dec. 11, 1956; lowest water level 117.80, Sept. 26, 1935. Records available: 1934-40, 1948-56. Dec. 11, 88.75.

7-21-15bb. Sophia Swartz. Drilled unused water-table well in sand of Pleistocene age, diameter 3 inches, depth 221 feet. Highest water level 183.25, Dec. 11, 1956; lowest water level 199.49, Mar. 20, 1950. Records available: 1950-56. Dec. 11, 183.25.

7-22-8bb. Stan Salisbury Estate. Drilled unused water-table well in sand of Pleistocene age, diameter 3 inches, depth 284 feet. Land-surface datum is 2,638.44 feet above msl. Highest water level 217.54, Dec. 11, 1956; lowest water level 251.65, Nov. 25, 1947. Records available: 1947-56. Dec. 11, 217.54.

8-21-3dc. Jeffrey Brothers. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 58 feet. Land-surface datum is 2,378 feet above msl. Highest water level 11.10, July 14, 1947; lowest water level 14.76, Dec. 11, 1956. Records available: 1946-56. Dec. 11, 14.76.

## Grant County

24-40-36bb. U. S. Geol. Survey. Drilled observation water-table well in fine sand, diameter 1 inch, depth 21 feet. Highest water level 12.32, June 8, 1935; lowest water level 14.26, Oct. 19, 1948. Records available: 1934-42, 1944-56. Mar. 12, 12.96.

## Greeley County

17-11-31ba. Phil Yuma. Drilled irrigation water-table well in sand, diameter 18 inches, depth 100 feet. Land-surface datum is 1,917 feet above msl. Highest water level 33.26, Apr. 17, 1952; lowest water level 35.53, Sept. 2, 1949. Records available: 1948-52, 1956. Aug. 21, 34.24.

## Greeley County--Continued

17-12-26aa. Laverne Jess. Drilled irrigation water-table well in gravel, diameter 18 inches, depth 130 feet. Land-surface datum is 1,911.5 feet above msl. Highest water level 21.99, Jan. 5, 1951; lowest water level 25.99, Sept. 30, 1948. Records available: 1948-51, 1956. Aug. 22, 23.85.

20-9-20db. U. S. Geol. Survey. Drilled observation water-table well in loess, diameter 3 inches, depth 19 feet. Highest water level 6.85, July 24, 1950; lowest water level 9.84, Aug. 12, 1952. Records available: 1937-41, 1948-53, 1955-56. Apr. 17, 8.60.

20-10-14ab. Albert Glaser. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 90 feet. Highest water level 7.85, July 24, 1950; lowest water level 11.88, Aug. 4, 1949. Records available: 1948-51, 1953, 1955-56. Apr. 17, 9.82.

## Hall County

9-11-8bc. Roscoe Abbot. Drilled irrigation water-table well in sand and gravel of Pleistocene and recent age, diameter 18 inches, depth 81 feet. Land-surface datum is 1,957.20 feet above msl. Highest water level 1.05, Apr. 11, 1949; lowest water level 9.56, Oct. 18, 1956. Records available: 1945-56. May 28, 7.62; Oct. 18, 9.56.

9-11-21bb. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 15 feet. Land-surface datum is 1,957.8 feet above msl. Highest water level 6.86, May 11, 1950; lowest water level 10.82, Oct. 18, 1956. Records available: 1946-56. May 28, 8.72; Oct. 18, 10.82.

9-12-1dc. John Kipp. Drilled irrigation water-table well in sand and gravel, diameter 24 inches, depth 46 feet. Land-surface datum is 1,964.3 feet above msl. Highest water level 2.47, May 6, 1931; lowest water level 9.92, Oct. 18, 1956. Records available: 1930-53, 1955-56. May 28, 8.30; Oct. 18, 9.92.

9-12-9ba. E. F. Ohlman. Drilled irrigation water-table well in gravel and sand of Pleistocene age, diameter 24 inches, depth 63 feet. Land-surface datum is 2,002.28 feet above msl. Highest water level 18.50, July 5, 1949; lowest water level 27.95, Sept. 21, 1955. Records available: 1930-56. May 28, 25.18; Oct. 18, 27.88.

## Hall County--Continued

9-12-14cc. Adolph Schmidt. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 60 feet. Land-surface datum is 1,982.20 feet above msl. Highest water level 4.15, Apr. 12, 1949; lowest water level 9.18, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 28, 7.35; Oct. 18, 9.18.

9-12-20bc. Burmood. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 27 feet. Land-surface datum is 2,001.21 feet above msl. Highest water level 2.00, Apr. 12, 1949; lowest water level 8.20, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 28, 6.15; Oct. 18, 8.20.

10-9-3cb. City of Grand Island. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 10 feet. Land-surface datum is 1,857.01 feet above msl. Highest water level 1.95, May 29, 1938; lowest water level 8.60, Oct. 17, 1956. Records available: 1935-56. May 26, 6.87; Oct. 17, 8.60.

10-9-4cb. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 10 feet. Land-surface datum is 1,863.18 feet above msl. Highest water level 2.46, July 7, 1944; lowest water level 8.84, Oct. 17, 1956. Records available: 1935-56. May 26, 7.55; Oct. 17, 8.84.

10-9-5bb. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 10 feet. Land-surface datum is 1,866.68 feet above msl. Highest water level 1.90, May 29, 1938; lowest water level 8.58, Oct. 17, 1956. Records available: 1935-39, 1942-56. May 28, 7.71; Oct. 17, 8.58.

10-9-8cc. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 11 feet. Land-surface datum is 1,873.47 feet above msl. Highest water level 1.90, May 29, 1938; lowest water level 7.02, Oct. 17, 1956. Records available: 1935-47, 1951, 1955-56. May 28, 5.00; Oct. 17, 7.02.

10-10-3cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 39 feet. Land-surface datum is 1,893.88 feet above msl. Highest water level 8.47, Apr. 12, 1949; lowest water level 13.56, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 28, 11.84; Oct. 18, 13.56.

Hall County--Continued

10-10-8cc. Frank Dahlstrom. Drilled irrigation water-table well in Grand Island or Holdrege formation, diameter 25 inches, depth 90 feet. Land-surface datum is 1,920.41 feet above msl. Highest water level 19.42, June 6, 1932; lowest water level 26.87, Oct. 18, 1956. Records available: 1931-53, 1955-56. May 25, 24.07; Oct. 18, 26.87.

10-10-11aa. U. S. Geol. Survey. Drilled observation water-table well, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 1,876.91 feet above msl. Highest water level 4.43, Apr. 26, 1954; lowest water level 7.05, Oct. 17, 1956. Records available: 1954-56. May 28, 5.22; Oct. 17, 7.05.

10-10-13dd. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,877.9 feet above msl. Highest water level 2.51, Jan. 14, 1952; lowest water level 7.27, Oct. 17, 1956. Records available: 1946-56. May 28, 4.76; Oct. 17, 7.27.

10-10-20cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,912.47 feet above msl. Highest water level 5.32, Apr. 29, 1949; lowest water level 11.64, Oct. 18, 1956. Records available: 1947-53, 1955-56. Oct. 18, 11.64.

10-10-30bc. Demon. Drilled irrigation water-table well in sand of Pleistocene age, diameter 48 inches, depth 40 feet. Land-surface datum is 1,919.88 feet above msl. Highest water level 3.62, Apr. 29, 1949; lowest water level 9.38, Oct. 18, 1956. Records available: 1947-50, 1952-53, 1955-56. May 28, 7.35; Oct. 18, 9.38.

10-11-8cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Land-surface datum is 1,956.91 feet above msl. Highest water level 20.85, Feb. 28, 1950; lowest water level 30.26, Oct. 18, 1956. Records available: 1947-50, 1952-53, 1955-56. May 25, 27.60; Oct. 18, 30.26.

10-11-11bb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 65 feet. Land-surface datum is 1,942 feet above msl. Highest water level 23.84, May 3, 1951; lowest water level 34.30, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 25, 30.27; Oct. 18, 34.30.

10-11-15dc. W. A. Bouton. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 53 feet. Land-surface datum is 1,944 feet above msl. Highest water level 15.20, July 5, 1949; lowest water level 25.28, Oct. 18, 1956. Records available: 1930-56. May 25, 22.40; Oct. 18, 25.28.

## Hall County--Continued

10-11-30bc. J. M. Weldon. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 65 feet. Land-surface datum is 1,969.1 feet above msl. Highest water level 15.67, June 23 through 30, 1931; lowest water level 28.12, Oct. 18, 1956. Records available: 1930-56. May 25, 24.95; Oct. 18, 28.12.

10-12-4cc. E. F. Frazell. Drilled irrigation water-table well in sand of Pleistocene age, depth 58 feet. Land-surface datum is 1,988.6 feet above msl. Highest water level 27.23, May 4, 1951 and Mar. 20, 1952; lowest water level 35.17, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 25, 32.50; Oct. 18, 35.17.

10-12-18cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 2,006.26 feet above msl. Highest water level 23.48, Sept. 29, 1952; lowest water level 32.42, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 25, 30.00; Oct. 18, 32.42.

10-12-21cc. O. W. Knight. Drilled irrigation water-table well in sand of Pleistocene age, depth 60 feet. Land-surface datum is 1,998.47 feet above msl. Highest water level 26.76, July 25, 1951; lowest water level 37.17, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 25, 33.35; Oct. 18, 37.17.

10-12-27cc. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,987.68 feet above msl. Highest water level 17.53, May 4, 1951; lowest water level 27.31, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 25, 24.53; Oct. 18, 27.31.

11-9-9aal. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 29 feet. Land-surface datum is 1,856.56 feet above msl. Highest water level 17.25, Oct. 1, 1945; lowest water level 27.30, Sept. 2, 1955. Records available: 1935-56. May 24, 23.50; Oct. 17, 26.98.

11-9-12dc. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 11 feet. Land-surface datum is 1,828.48 feet above msl. Highest water level 4.52, Apr. 19, 1949; lowest water level 8.93, Sept. 8, 1955. Records available: 1935-51, 1953-56. May 26, 7.67; Oct. 18, 8.46.

11-9-24cb. Owner unknown. Drilled irrigation water-table well in sand, diameter 24 inches, depth 11 feet. Land-surface datum is 1,837.5 feet above msl. Highest water level 5.01, May 3, 1951; lowest water level 10.51, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 26, 9.27; Oct. 18, 10.51.



## Hall County--Continued

11-9-26aa. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 10 feet. Land-surface datum is 1,836.91 feet above msl. Highest water level 2.56, July 7, 1944; lowest water level dry, Oct. 18, 1956. Records available: 1935-56. May 26, 7.69; Oct. 18, dry.

11-9-27bc. City of Grand Island. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches. Highest water level 6.00, July 10, 1947; lowest water level dry at 14.87, Sept. 22, 1955, and May 22, 1956. Records available: 1942-56. May 22, dry.

11-9-28ba. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches. Land-surface datum is 1,852.66 feet above msl. Highest water level 6.15, Mar. 31, and May 2, 1936; lowest water level dry, Oct. 17, 1956. Records available: 1935-52, 1955-56. May 26, 23.73; Oct. 17, dry.

11-9-29bb. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 24 feet. Land-surface datum is 1,875.22 feet above msl. Highest water level 18.35, Dec. 29, 1950; lowest water level 26.00, Dec. 24, 1940. Records available: 1935-56. May 28, 24.15; Oct. 17, 24.70.

11-9-34aa. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 10 feet. Land-surface datum is 1,845.89 feet above msl. Highest water level 2.54, July 7, 1944; lowest water level dry, Oct. 17, 1956. Records available: 1935-56. May 26, 8.54; Oct. 17 dry.

11-9-34cb. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 10 feet. Land-surface datum is 1,853.17 feet above msl. Highest water level 2.50, July 10, 1944; lowest water level dry, Oct. 17, 1956. Records available: 1935-56. May 28, 9.17; Oct. 17, dry.

11-9-35dc. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 11 feet. Land-surface datum is 1,846.24 feet above msl. Highest water level 2.08, July 14, 1947 and Apr. 4, 1949; lowest water level 7.02, Oct. 17, 1956. Records available: 1935-56. May 26, 5.10; Oct. 17, 7.02.

11-10-11dc. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches. Land-surface datum is 1,875.16 feet above msl. Highest water level 5.00, July 14, 1947; lowest water level 12.40, Dec. 24, 1940 and Mar. 26, 1941. Records available: 1935-56. May 25, 12.06.



# Hall County--Continued

11-10-13ab. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches. Land-surface datum is 1,872.45 feet above msl. Highest water level 8.00, July 14, 1947; lowest water level dry, Oct. 17, 1956. Records available: 1935-56. May 25, 16.90; Oct. 17, dry.

11-10-16bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 19 feet. Land-surface datum is 1,892.50 feet above msl. Highest water level 7.85, May 19, 1952; lowest water level 14.05, Oct. 17, 1956. Records available: 1946-56. May 15, 12.80; May 25, 12.81; Oct. 17, 14.05.

11-10-24cb. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches. Land-surface datum is 1,880.70 feet above msl. Highest water level 12.66, July 14, 1947; lowest water level dry, Oct. 17, 1956. Records available: 1935-56. May 28, 20.89; Oct. 17, dry.

11-10-26dd. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 20 feet. Land-surface datum is 1,875.22 feet above msl. Highest water level 5.66, July 14, 1947; lowest water level 17.70, Dec. 28, 1935. Records available: 1935-39, 1942-56. May 28, 11.90; Oct. 17, 12.98.

11-10-27dc. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 23 feet. Land-surface datum is 1,895.22 feet above msl. Highest water level 15.15, Sept. 6, 1949; lowest water level dry at 21.70, Oct. 14, 1955 and dry during the year 1956. Records available: 1946-56. May 28, dry.

11-11-9cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 53 feet. Land-surface datum is 1,933.8 feet above msl. Highest water level 17.70, May 1, 1951; lowest water level 29.10, Oct. 17, 1956. Records available: 1948-52, 1955-56. Oct. 17, 29.10.

\*11-11-25cc. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 8 inches, depth 37 feet. Land-surface datum is 1,922.4 feet above msl. Highest water level 12.18, June 25, 1949; lowest water level 23.69, Sept. 5, 1956. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	20.09	Apr. 30	20.12	July 31	21.97	Oct. 31	22.44
Feb. 29	20.11	May 20	20.10	Aug. 31	23.54	Nov. 30	22.41
Mar. 31	20.11	June 30	20.20	Sept. 30	22.61	Dec. 31	22.40

\*Recording gage.

Hall County--Continued

11-11-32cb. Frank Hughes. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 65 feet. Land-surface datum is 1,960 feet above msl. Highest water level 29.04, May 20, 1931; lowest water level 42.47, Oct. 17, 1956. Records available: 1930-41, 1943-56. May 25, 39.41; Oct. 17, 42.47.

11-11-34cc. Leonard Graf. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Highest water level 20.65, May 3, 1951; lowest water level 30.60, Oct. 17, 1956. Records available: 1947-53, 1955-56. May 25, 26.79; Oct. 17, 30.60.

11-11-36cb. C. B. Modesitt. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 8 feet, depth 71 feet. Land-surface datum is 1,929 feet above msl. Highest water level 19.90, July 5, 1949; lowest water level 30.30, Oct. 17, 1956. Records available: 1930-40, 1943-56. Oct. 17, 30.30.

11-12-12cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Land-surface datum is 1,946.42 feet above msl. Highest water level 22.96, Apr. 30, 1952; lowest water level 30.88, Oct. 17, 1956. Records available: 1947-51, 1952-53, 1955-56. May 25, 28.60; Oct. 17, 30.88.

11-12-24cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 57 feet. Land-surface datum is 1,953.5 feet above msl. Highest water level 23.21, May 4, 1951; lowest water level 31.10, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 25, 28.05; Oct. 18, 31.10.

11-12-32ddd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age. Land-surface datum is 1,984.6 feet above msl. Highest water level 24.65, May 4, 1951; lowest water level 32.23, Oct. 18, 1956. Records available: 1947-53, 1955-56. May 25, 29.90; Oct. 18, 32.23.

11-12-34dc. Stutzman. Drilled irrigation water-table well, diameter 24 inches, depth 58 feet. Land-surface datum is 1,973 feet above msl. Highest water level 25.51, Nov. 6, 1950; lowest water level 32.50, Oct. 18, 1956. Records available: 1946-50, 1956. May 25, 30.17; Oct. 18, 32.50.

12-9-25cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Highest water level 14.60, May 3, 1951; lowest water level 23.61, Nov. 5, 1956. Records available: 1947-52, 1955-56. May 24, 18.82; Nov. 5, 23.61.

Hall County--Continued

12-9-27cb. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 17 feet. Land-surface datum is 1,844.24 feet above msl. Highest water level 2.58, Apr. 30, 1952; lowest water level 11.50, Oct. 17, 1956. Records available: 1935-56. May 25, 9.25; Oct. 17, 11.50.

12-9-34cb. City of Grand Island. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 15 feet. Highest water level 6.16, July 14, 1947; lowest water level 14.72, Oct. 17, 1956. Records available: 1935-37, 1942, 1944-51, 1955-56. May 25, 11.69; Oct. 17, 14.72.

12-10-33cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, depth 55 feet. Land-surface datum is 1,887.9 feet above msl. Highest water level 9.53, May 2, 1951; lowest water level 18.20, Oct. 17, 1956. Records available: 1947-53, 1955-56. May 25, 15.99; Oct. 17, 18.20.

12-10-35abb. Mrs. Royden. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 62 feet. Land-surface datum is 1,870.8 feet above msl. Highest water level 5.14, May 2, 1951; lowest water level 13.85, Oct. 17, 1956. Records available: 1947-53, 1955-56. May 25, 11.59; Oct. 17, 13.85.

12-11-19dd. Owner Unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 100 feet. Land-surface datum is 1,949.3 feet above msl. Highest water level 39.87, May 2, 1951; lowest water level 49.30, Oct. 17, 1956. Records available: 1947-53, 1955-56. May 25, 45.63; Oct. 17, 49.30.

12-11-24cd. U. S. Geol. Survey. Drilled observation water-table well in clay and fine sand, diameter 1 1/4 inches, depth 17 feet. Land-surface datum is 1,900.80 feet above msl. Highest water level 3.54, July 5, 1949; lowest water level 13.32, Oct. 17, 1956. Records available: 1946-56. May 15, 12.22; May 25, 12.26; Oct. 17, 13.32.

12-11-31cc. A. P. Johnson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 56 feet. Land-surface datum is 1,939.3 feet above msl. Highest water level 23.32, Apr. 30, 1952; lowest water level 34.28, Oct. 17, 1956. Records available: 1947-53, 1955-56. May 25, 31.01; Oct. 17, 34.28.

12-11-34ab. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age. Land-surface datum is 1,909.1 feet above msl. Highest water level 8.77, May 2, 1951; lowest water level 20.00, Oct. 17, 1956. Records available: 1947, 1949-53, 1955-56. May 25, 15.92; Oct. 17, 20.00.

# Hamilton County

9-6-34bb. Tom Wild. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 87 feet. Highest water level 38.40, Apr. 29, 1949; lowest water level 44.29, Nov. 14, 1940. Records available: 1934-42, 1944, 1946-49, 1956.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30	39.32	Apr. 11	39.03	Oct. 25	41.12	Dec. 3	40.70

9-8-9dc. Robert Phillips. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 5 inches, depth 67 feet. Land-surface datum is 1,848.58 feet above msl. Highest water level 54.38, Oct. 30, 1935; lowest water level 58.40, Dec. 31, 1946. Records available: 1934-42, 1944, 1946, 1948-50, 1954-56. Oct. 25, 57.87; Dec. 3, 58.16.

\*10-6-26bc. Ted Regier. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 8 inches, depth 130 feet. Highest water level 84.90, June 20, 1956; lowest water level 90.01, Sept. 5, 1956. Records available: 1956.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 30	84.98	July 31	88.29	Sept. 30	88.83	Nov. 30	88.07
May 31	85.08	Aug. 31	89.63	Oct. 31	88.37	Dec. 31	87.85
June 30	85.16						

10-7-3ba. Paul Oswald. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 199 feet. Land-surface datum is 1,856.50 feet above msl. Highest water level 96.95, June 15, 1950; lowest water level 103.01, Oct. 25, 1956. Records available: 1948-50, 1955-56. Oct. 25, 103.01.

11-6-13cb. O. S. Swedberg. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 193 feet. Highest water level 90.30, Jan. 24, 1935; lowest water level 105.98, Dec. 3, 1956. Records available: 1934-42, 1944, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 7	95.72	Apr. 6	95.43	Oct. 25	100.86	Dec. 3	105.98

\*Recording gage.

### Harlan County

1-17-1da. U. S. Geol. Survey. Drilled observation water-table well in silt and soil of Pleistocene age, diameter 1 1/4 inches, depth 14 feet. Land-surface datum is 1,878.45 feet above msl. Highest water level 1.95, Oct. 25, 1946; lowest water level 9.06, Sept. 22, 1953. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	6.88	May 8	6.93	July 10	8.07	Dec. 12	7.85

2-19-28dd. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 inch, depth 22 feet. Highest water level 6.59, June 11, 1949; lowest water level 12.14, Sept. 13, 1955. Records available: 1940-41, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9	9.99	May 21	10.73	Sept. 14	11.75	Dec. 31	11.19
Apr. 19	10.20						

3-20-25cc. U. S. Geol. Survey. Drilled observation water-table well in silt and clay of Pleistocene age, diameter 1 1/4 inches, depth 24 feet. Land-surface datum is 2,024 feet above msl. Highest water level 10.22, Aug. 1, 1947; lowest water level 17.71, Oct. 30, 1953. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9	13.83	May 21	14.77	June 29	15.32	Dec. 31	12.96
Apr. 19	14.12						

### Hayes County

5-33-31dcb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 inch, depth 23 feet. Highest water level 6.64, Apr. 9, 1937; lowest water level 15.15, Sept. 29, 1953. Records available: 1936-44, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10	13.45	Mar. 20	13.42	July 23	12.78	Nov. 29	13.82
Mar. 12	13.20	May 8	11.67	Sept. 19	14.35		



### Hayes County--Continued

5-34-30baa. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand of Pleistocene age, diameter 1 1/4 inches, depth 17 feet. Highest water level 9.63, Feb. 8, 1949; lowest water level 12.81, Apr. 19, 1954. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10	11.42	Mar. 20	11.63	June 14	10.73	Sept. 19	10.65
Mar. 12	11.53	May 8	11.25	July 23	10.31	Nov. 29	11.30

5-35-16ddd. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Highest water level 6.83, Feb. 8, 1949; lowest water level 9.74, Dec. 7, 1950. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10	9.22	May 8	9.45	July 23	8.18	Nov. 26	8.89
Mar. 12	9.30	June 14	9.07	Sept. 19	8.74		

### Hitchcock County

2-35-21bc. Rev. Otto Brownfield. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 16 inches, depth 47 feet. Land-surface datum is 2,831 feet above msl. Highest water level 19.08, June 3, 1952; lowest water level 24.08, Sept. 11, 1956. Records available: 1934-41, 1946-56. Jan. 19, 23.70; Sept. 11, 24.08.

2-35-24aa. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,778 feet above msl. Highest water level 3.67, June 9, 1949; lowest water level 8.77, Oct. 8, 1947. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	6.37	Mar. 29	5.90	Sept. 10	6.43	Nov. 27	6.94



# Hitchcock County--Continued

3-31-14bc. U. S. Geol. Survey. Drilled observation water-table well in silt of Pleistocene age, diameter 1 1/4 inches, depth 26 feet. Land-surface datum is 2,569 feet above msl. Highest water level 11.82, Oct. 8, 1947; lowest water level 15.88, Aug. 15, 1946. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 21	14.47	May 14	13.80	June 26	14.37	Oct. 10	14.80
Mar. 20	14.59						

3-32-11bb. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand of Pleistocene age, diameter 1 1/4 inches, depth 18 feet. Highest water level 12.65, Feb. 8, 1949; lowest water level 14.88, Nov. 10, 1955. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10	14.11	May 8	13.73	July 23	14.12	Nov. 26	14.18
Mar. 12	14.12	June 14	13.50	Sept. 19	14.60		

3-32-26dd. Ernst Meintz. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 84 feet. Highest water level 26.74, Apr. 14, 1952; lowest water level 32.17, Nov. 27, 1956. Records available: 1946-56. Mar. 23, 30.02; Nov. 27, 32.17.

3-33-35dc. S. H. Lawrence. Drilled unused water-table well in gravel of Pleistocene age, diameter 1 1/4 inches, depth 27 feet. Highest water level 9.38, June 10, 1949; lowest water level 13.79, Aug. 11, 1953. Records available: 1935-43, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18	11.27	May 28	12.34	Oct. 10	12.51	Dec. 26	11.68
Mar. 29	10.89	Sept. 10	11.59	Nov. 26	12.07		

4-33-23ad. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand of Pleistocene age, diameter 1 1/4 inches, depth 19 feet. Highest water level 11.60, Sept. 19, 1956; lowest water level 14.33, Nov. 10, 1955. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10	13.06	May 8	13.53	July 23	13.50	Nov. 26	13.23
Mar. 12	12.98	June 14	13.53	Sept. 19	11.60		

# Holt County

27-9-34da. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 inch, depth 17 feet. Highest water level 3.73, Mar. 29, 1952; lowest water level 9.90. Sept. 1, 1948. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	7.56	Mar. 27	7.44	June 27	8.39	Oct. 3	8.82
20	7.49	Apr. 12	7.46	July 12	8.49	17	8.67
Feb. 3	7.31	May 3	7.46	Aug. 14	8.78	Nov. 8	8.34
Mar. 1	7.10	16	7.62	23	8.71	16	8.38
14	7.32	June 14	8.16	Sept. 21	8.89		

29-11-21bbb. Murphy. Drilled stock water-table well in sand of Pleistocene age, diameter 5 inches, depth 75 feet. Land-surface datum is 2,002.26 feet above msl. Highest water level 16.87, Jan. 14, 1948; lowest water level 25.47, Feb. 16, 1948. Records available: 1947-53, 1955-56. Mar. 15, 23.40; May 23, 23.22; Oct. 29, 23.76.

29-13-13dd. Frank Freolick. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 55 feet. Land-surface datum is 2,055.81 feet above msl. Highest water level 31.97, Apr. 6, 1953; lowest water level 43.07, Mar. 22, 1940. Records available: 1947-56. Mar. 15, 37.52; May 23, 37.78.

30-13-27cc. John Tenborg. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 67 feet. Land-surface datum is 2,064.64 feet above msl. Highest water level 18.29, July 23, 1953; lowest water level 30.80, Oct. 13, 1948. Records available: 1947-56. Mar. 15, 24.61; May 23, 24.95; Oct. 30, 25.47.

30-14-23dd. Joe Albright. Drilled stock water-table well in sand of Pleistocene age, diameter 6 inches, depth 46 feet. Land-surface datum is 2,090.15 feet above msl. Highest water level 25.83, July 23, 1953; lowest water level 32.05, July 12, 1948. Records available: 1947-48, 1950-56. Mar. 15, 29.17; May 23, 29.58; Oct. 30, 29.86.

31-14-35cb. Vern Wilbur. Drilled unused water-table well in sand of Pleistocene age, diameter 5 inches, depth 29 feet. Land-surface datum is 2,077.39 feet above msl. Highest water level 21.76, July 23, 1953; lowest water level 29.21, June 15, 1948. Records available: 1947-56. Mar. 15, 25.70; May 23, 25.76; Oct. 30, 26.67.

## Hooker County

24-31-18cb. U. S. Bureau of Reclamation. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 42 feet. Highest water level 32.51, Oct. 5, 1950; lowest water level 33.65, Oct. 17, 1955. Records available: 1948, 1950-56. Mar. 12, 33.62.

24-35-23dd. U. S. Geol. Survey. Drilled observation water-table well in fine sand of Pleistocene age, diameter 1 inch, depth 23 feet. Highest water level .19, June 8, 1935; lowest water level 20.87, May 13, 1949. Records available: 1934-42, 1944-56. Mar. 12, 14.49.

## Howard County

13-9-26dd. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 19 feet. Land-surface datum is 1,818.18 feet above msl. Highest water level 3.41, May 1, 1951; lowest water level 12.53, Nov. 5, 1956. Records available: 1946-56. May 24, 11.28; Nov. 5, 12.53

\*13-11-11ba. Town of Dannebrog. Drilled unused water-table well in sand of Pleistocene age, diameter 8 inches, depth 31 feet. Land-surface datum is 1,870.84 feet above msl. Highest water level 25.11, July 5 and 6, 1951; lowest water level dry, Sept. 10, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	29.16	Apr. 30	28.67	June 30	29.59	Aug. 31	30.94
Feb. 29	28.83	May 31	28.85	July 25	29.99	Sept. 10	Dry
Mar. 31	28.69						

15-9-9aa. Wilber Edwards. Drilled unused water-table well in sand of Pleistocene age, diameter 18 inches, depth 90 feet. Land-surface datum is 1,780.23 feet above msl. Highest water level 30.94, Sept. 11 and Oct. 23, 1951; lowest water level 35.27, Apr. 17, 1956. Records available: 1948-56. Apr. 17, 35.27; Aug. 28, 32.31.

\*Recording gage.

Howard County--Continued

15-9-12cb. Clarence Baker. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 72 inches, depth 35 feet. Land-surface datum is 1,730.71 feet above msl. Highest water level 8.27, June 30, 1949; lowest water level 11.06, Oct. 1, 1948. Records available: 1948-51, 1953, 1956. Aug. 21, 10.04.

15-9-16dd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 28 feet. Land-surface datum is 1,787.56 feet above msl. Highest water level 14.58, Oct. 2, 1950; lowest water level 15.17, Aug. 21, 1956. Records available: 1950, 1956. Aug. 21, 15.17.

15-9-17cc. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 25 feet. Land-surface datum is 1,773.08 feet above msl. Highest water level 3.34, Oct. 2, 1950; lowest water level 4.75, Apr. 26, 1951. Records available: 1950-51, 1956. Aug. 21, 4.31.

15-9-17dd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 21 feet. Highest water level 2.97, July 26, 1951; lowest water level 4.31, Aug. 21, 1956. Records available: 1950-52, 1956. Aug. 21, 4.31.

15-9-23bb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 21 feet. Highest water level 1.50, Apr. 26, 1951; lowest water level 5.13, Aug. 21, 1956. Records available: 1950-52, 1956. Aug. 21, 5.13.

15-9-24aa. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 15 feet. Land-surface datum is 1,737.32 feet above msl. Highest water level 6.67, Oct. 2, 1950; lowest water level 7.34, Aug. 21, 1956. Records available: 1950, 1956. Aug. 21, 7.34.

15-9-24bb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 21 feet. Highest water level 3.86, Oct. 2, 1950; lowest water level 4.57, Nov. 29, 1950. Records available: 1950, 1956. Aug. 21, 4.42.

15-10-12ca. Carl Hanson. Drilled irrigation water-table well in sand and sand rock, diameter 18 inches, depth 183 feet. Land-surface datum is 1,832.75 feet above msl. Highest water level 64.63, June 30, 1949; lowest water level 66.98, Aug. 3, 1949. Records available: 1948-51, 1953, 1956. Sept. 2, 66.28.

Howard County--Continued

16-11-7cc. Emil Lind. Drilled irrigation water-table well in sand of Pleistocene age. Land-surface datum is 1,872.03 feet above msl. Highest water level 16.31, Nov. 29, 1949; lowest water level 23.66, Aug. 21, 1956. Records available: 1948-51, 1956. Aug. 21, 23.66.

16-11-18bc. Jess Parker. Drilled irrigation water-table well in sand of Pleistocene age. Land-surface datum is 1,884.38 feet above msl. Highest water level 29.64, Oct. 5, 1950; lowest water level 36.55, Aug. 21, 1956. Records available: 1950, 1956. Aug. 21, 36.55.

16-11-18cd. Stanley Tucker. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,880 feet above msl. Highest water level 25.97, Oct. 6, 1950; lowest water level 26.32, Aug. 21, 1956. Records available: 1950-51, 1956. Aug. 21, 26.32.

16-11-19ab. R. J. Rasmesson. Drilled irrigation water-table well in gravel and sandstone, diameter 18 inches, depth 96 feet. Land-surface datum is 1,879.03 feet above msl. Highest water level 26.55, Oct. 6, 1950; lowest water level 27.03, Aug. 21, 1956. Records available: 1950, 1956. Aug. 21, 27.03.

16-11-19bb. Bill Wells. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 150 feet. Land-surface datum is 1,898.03 feet above msl. Highest water level 40.09, Oct. 6, and Nov. 3, 1950; lowest water level 41.44, Aug. 22, 1956. Records available: 1950, 1956. Aug. 22, 41.44.

16-11-19cb2. Roy Parker. Drilled irrigation water-table well in gravel and sandstone, diameter 18 inches, depth 165 feet. Land-surface datum is 1,894.54 feet above msl. Highest water level 33.12, Oct. 6, 1950; lowest water level 40.44, Mar. 16, 1951. Records available: 1950-51, 1956. Aug. 22, 33.19.

16-11-32ab. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 80 feet. Land-surface datum is 1,867.33 feet above msl. Highest water level 16.48, Aug. 17, 1950; lowest water level 23.74, Aug. 21, 1956. Records available: 1948-52, 1956. Aug. 21, 23.74.

16-11-32bb. Mrs. Mary Lindsay. Drilled irrigation water-table well in gravel, diameter 18 inches, depth 85 feet. Land-surface datum is 1,877.40 feet above msl. Highest water level 21.33, Oct. 6, 1950; lowest water level 21.93, Aug. 22, 1956. Records available: 1950, 1956. Aug. 22, 21.93.



### Jefferson County

A2-4-26dd. Dr. Claude Ellis. Drilled unused water-table well in alluvium, diameter 8 inches, depth 35 feet. Highest water level 11.84, Sept. 13, 1944; lowest water level 21.92, Nov. 1, 1941. Records available: 1934-42, 1944, 1946, 1953, 1955-56. Dec. 7, 19.86.

### Johnson County

A6-9-26bb. L. L. Miller. Driven unused domestic water-table well in alluvium on drift, diameter 12 inches, depth 51 feet. Highest water level 23.19, Dec. 31, 1954; lowest water level 36.65, Dec. 23, 1946. Records available: 1934-42, 1944, 1946, 1954-56. Dec. 18, 27.82.

### Kearney County

5-14-16cb. Nels Peterson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 255 feet. Land-surface datum is 2,179.70 feet above msl. Highest water level 140.10, Aug. 21, 1951; lowest water level 142.51, Dec. 5, 1956. Records available: 1947-53, 1955-56. Dec. 5, 142.51.

5-14-33bb. Mrs. Ingeborg Nielson. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 172 feet. Land-surface datum is 2,175.07 feet above msl. Highest water level 157.23, Dec. 17, 1954; lowest water level 158.53, Sept. 14, 1948. Records available: 1948-56. Dec. 5, 157.90.

5-15-3ba. Ed Downs. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 122 feet. Land-surface datum is 2,192.73 feet above msl. Highest water level 99.00, Apr. 6, 1955; lowest water level 108.15, Aug. 8, 1947. Records available: 1947-56. Dec. 5, 101.62.

5-16-30da. R. R. Caswell. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 172 feet. Land-surface datum is 2,228.21 feet above msl. Highest water level 135.48, May 24, 1951; lowest water level 137.65, Aug. 3, 1948. Records available: 1947-56. Dec. 5, 136.74.



Kearney County--Continued

6-13-16db. V. M. Youngson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 171 feet. Land-surface datum is 2,082.10 feet above msl. Highest water level 82.22, Dec. 16, 1954; lowest water level 89.42, Aug. 13, 1947. Records available: 1947-52, 1954-56. Dec. 11, 87.09.

6-14-21db. Eva L. Larson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 2,155.93 feet above msl. Highest water level 102.22, June 19, 1952; lowest water level 104.98, Dec. 5, 1956. Records available: 1947-52, 1954-56. Dec. 5, 104.98.

6-15-1cb. Roy Youngson. Drilled irrigation water-table well in gravel, diameter 18 inches, depth 176 feet. Land-surface datum is 2,171.80 feet above msl. Highest water level 62.20, Dec. 5, 1956; lowest water level 71.36, June 29, 1948. Records available: 1948-56. Dec. 5, 62.20.

6-16-1lad. George Johnson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 12 inches, depth 210 feet. Land-surface datum is 2,217.72 feet above msl. Highest water level 66.22, Dec. 5, 1956; lowest water level 82.65, Apr. 12, 1949. Records available: 1948-56. Dec. 5, 66.22.

6-16-2Cbb. Elmer E. Carlson. Drilled unused water-table well in gravel, diameter 3 inches, depth 102 feet. Land-surface datum is 2,235.72 feet above msl. Highest water level 68.22, Jan. 23, 1951; lowest water level 100.50, Oct. 29, 1938. Records available: 1934-42, 1946-56. Dec. 11, 68.56.

7-13-20aa. Charles Gleason. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 168 feet. Land-surface datum is 2,087.54 feet above msl. Highest water level 52.02, Dec. 16, 1954; lowest water level 56.67, Nov. 17, 1947. Records available: 1947-56. Dec. 5, 53.62.

7-14-20ba. George Burchall. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 183 feet. Land-surface datum is 2,155.96 feet above msl. Highest water level 71.17, Dec. 16, 1954; lowest water level 75.75, June 10, 1949. Records available: 1948-56. Dec. 5, 71.35.

8-14-13db. Hardon Yensen. Drilled irrigation water-table well in gravel and fine sand, diameter 24 inches, depth 40 feet. Land-surface datum is 2,062.07 feet above msl. Highest water level 6.39, May 3, 1951; lowest water level 10.93, Oct. 27, 1940. Records available: 1930-56. Dec. 11, 10.08.

### Kearney County--Continued

8-14-23ba. U. S. Geol. Survey. Driven observation water-table well in silt and sand, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,067.30 feet above msl. Highest water level 2.63, Nov. 15, 1946; lowest water level 6.98, Oct. 19, 1956. Records available: 1946-56. May 28, 5.17; Oct. 19, 6.98.

8-15-21dc. George Raffety. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 32 feet. Land-surface datum is 2,119.20 feet above msl. Highest water level 3.20, Nov. 15, 1946; lowest water level 7.47, Dec. 6, 1956. Records available: 1946-56. Dec. 6, 7.47.

8-16-23dd. U. S. Geol. Survey. Driven observation water-table well in soil and gravel, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,143.38 feet above msl. Highest water level 2.22, Oct. 10, 1946; lowest water level 6.18, Oct. 19, 1956. Records available: 1946-56. May 29, 4.92; Oct. 19, 6.18.

8-16-28aa. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 15 feet. Land-surface datum is 2,159.34 feet above msl. Highest water level 4.36, Oct. 10, 1946; lowest water level 7.92, Oct. 19, 1956. Records available: 1946-56. May 29, 6.71; Oct. 19, 7.92; Dec. 6, 7.65.

### Keith County

\*13-36-8cc. U. S. Geol. Survey. Drilled unused water-table well in Platte Valley alluvium, diameter 15 inches, depth 11 feet. Land-surface datum is 3,111.83 feet above msl. Highest water level 1.22, Mar. 17, 1952; lowest water level 5.79, Aug. 17 through 22, 1946. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	3.56	Apr. 30	3.70	July 31	4.38	Oct. 31	5.53
Feb. 29	3.33	May 31	3.75	Aug. 31	4.87	Nov. 25	3.60
Mar. 31	3.54	June 10	3.98	Sept. 30	5.40	Dec. 31	3.80

\*Recording gage.

### Keith County--Continued

\*13-36-9ad. U. S. Geol. Survey. Drilled observation water-table well in Platte Valley alluvium, diameter 15 inches, depth 11 feet. Land-surface datum is 3,093.6 feet above msl. Highest water level .04, Mar. 17, 1952; lowest water level 3.85, Aug. 27 and 28, 1955. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	2.31	Apr. 30	1.90	July 31	3.46	Oct. 31	3.23
Feb. 29	1.76	May 31	2.51	Aug. 31	3.40	Nov. 30	2.65
Mar. 31	1.87	June 30	3.35	Sept. 30	3.56	Dec. 31	2.39

16-38-7aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in fine sand of Pleistocene age, diameter 4 inches, depth 15 feet. Land-surface datum is 3,499.11 feet above msl. Highest water level 7.63, May 4, 1942; lowest water level 11.30, Aug. 31, 1956. Records available: 1936-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	10.80	Apr. 30	10.80	July 31	11.20	Oct. 31	11.20
Feb. 29	10.80	May 31	10.90	Aug. 31	11.30	Dec. 3	11.20
Mar. 31	10.70	June 30	11.00	Oct. 1	11.20	31	11.10

### Kimball County

14-58-1cc. C. Gadekien. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 100 feet. Highest water level 31.59, Nov. 8, 1955; lowest water level 33.55, Aug. 30, 1953. Records available: 1953-56. Oct. 11, 32.54.

14-59-1ldd. A. Mortensen. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 84 feet. Highest water level 21.99, May 23, 1951; lowest water level 23.47, Oct. 27, 1954. Records available: 1950-52, 1954-56. Oct. 11, 23.43.

15-53-3lbb. Robert Gunderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 85 feet. Highest water level 46.25, Jan. 24, 1952; lowest water level 52.19, Oct. 11, 1956. Records available: 1951-56. Oct. 11, 52.19.

\*Recording gage.

## Kimball County--Continued

15-55-17cc. Kimball Irrigation District. Drilled unused water-table well in gravel, diameter 4 inches, depth 114 feet. Highest water level 92.18, Jan. 2, 1936; lowest water level 97.10, Oct. 11, 1956. Records available: 1935-42, 1950-56. Oct. 11, 97.10.

15-55-26cc. Henry Meier. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 120 feet. Highest water level 40.47, Jan. 2, 1936; lowest water level 45.22, Oct. 11, 1956. Records available: 1936-37, 1951-56. Oct. 11, 45.22.

15-55-29db. Gale Russell. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 85 feet. Highest water level 46.20, Jan. 21, 1952; lowest water level 50.81, Oct. 11, 1956. Records available: 1950, 1952-56. Oct. 11, 50.81.

15-56-32ac. Vernon Linn. Drilled irrigation water-table well in sand and gravel, diameter 18 inches, depth 180 feet. Highest water level 20.44, Nov. 20, 1951; lowest water level 22.31, Aug. 8, 1951. Records available: 1951-56. Oct. 11, 21.86.

## Knox County

29-2-27dd. Lunberg brothers. Drilled stock water-table well in fine sand, diameter 30 inches, depth 14 feet. Highest water level 3.54, Dec. 28, 1954; lowest water level 10.89, Oct. 25, 1940. Records available: 1935-42, 1954-56. Nov. 14, 8.39.

30-3-11aa. William Krohn. Dug unused water-table well in sand, gravel, and till, diameter 36 inches, depth 26 feet. Highest water level 20.09, Dec. 2, 1953; lowest water level 23.25, Oct. 9, 1937. Records available: 1934-42, 1946, 1953, 1955-56. Nov. 14, 21.66.

32-6-8dd. W. R. McGraw. Driven unused water-table well in gravel, diameter 1 inch, depth 18 feet. Highest water level 11.08, July 13, 1938; lowest water level 16.18, Oct. 30, 1940. Records available: 1935-42, 1946, 1953, 1955-56. Nov. 14, 12.34.

33-7-30bc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 20 feet. Highest water level 10.41, Dec. 2, 1953; lowest water level 16.04, Oct. 30, 1940. Records available: 1936-40, 1942, 1946, 1953, 1955-56. Nov. 14, 15.20.

### Knox County--Continued

33-7-30cb. U. S. Geol. Survey. Driven observation water-table well in gravel, diameter 1 inch, depth 17 feet. Highest water level 8.60, Dec. 24, 1935 and Mar. 25, 1936; lowest water level 12.49, Nov. 14, 1956. Records available: 1935-43, 1946, 1953, 1955-56. Nov. 14, 12.49.

### Lancaster County

A7-7-35cb. U. S. Geol. Survey. Driven observation water-table well in fine sand, diameter 1 1/4 inches, depth 42 feet. Highest water level 24.40, Apr. 15, 1948; lowest water level 26.46, Oct. 17, 1940. Records available: 1940-42, 1944, 1946, 1948, 1954-56. Dec. 6, 25.85.

A8-6-1aa. U. S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diameter 1 1/4 inches, depth 21 feet. Land-surface datum is 1,198.5 feet above msl. Highest water level 7.36, Apr. 16, 1952; lowest water level 16.78, Mar. 2, 1955. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	14.67	Mar. 31	12.50	May 30	14.53	Oct. 23	13.62
Feb. 1	14.62	May 2	12.49	Sept. 18	12.65	Dec. 18	14.05

A8-6-28dd. Village of Sprague. Driven public supply well in sand and gravel, diameter 12 inches, depth 80 feet. Highest water level 26.12, Jan. 8, 1954; lowest water level 27.18, Dec. 6, 1956. Records available: 1954, 1956. Dec. 6, 27.18.

A8-6-33aa. Fred Gervig. Drilled observation water-table well in sand of Pleistocene age, diameter 8 inches, depth 14 feet. Highest water level .48, Mar. 12, 1952; lowest water level 6.11, Sept. 9, 1953. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	4.87	Mar. 31	4.10	May 30	4.02	Oct. 23	5.26
Feb. 1	4.61	May 2	3.62	Sept. 18	5.56	Dec. 18	4.48



Lancaster County--Continued

\*A8-6-34dd. U. S. Geol. Survey. Drilled observation water-table well in sand, diameter 8 inches, depth 53 feet. Highest water level 5.59, May 10, 1956; lowest water level 8.90, July 31, 1954. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	6.25	Apr. 25	5.67	July 31	7.11	Oct. 31	7.21
Feb. 29	6.10	May 31	5.92	Aug. 31	7.60	Nov. 15	6.80
Mar. 31	6.26	June 30	6.16	Sept. 30	7.62	Dec. 25	6.56

\*A8-7-18ddb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diameter 8 inches, depth 41 feet. Highest water level 1.63, Aug. 25, 1954; lowest water level 12.55, June 20, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	12.41	Apr. 30	12.26	July 31	9.46	Oct. 25	10.41
Feb. 29	12.29	May 31	12.07	Aug. 31	5.62	Nov. 25	10.81
Mar. 31	12.30	June 30	12.33	Sept. 30	9.21	Dec. 31	11.11

\*A8-7-19dda. U. S. Geol. Survey. Drilled observation water-table well in sand, diameter 8 inches, depth 33 feet. Highest water level 2.93, Aug. 25, 1954; lowest water level 11.20, Dec. 31, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	10.52	Apr. 30	10.47	July 31	10.25	Oct. 31	10.96
Feb. 29	10.71	May 31	10.87	Aug. 31	9.56	Nov. 30	11.10
Mar. 31	10.82	June 30	10.71	Sept. 30	10.67	Dec. 31	11.20

\*A8-7-21bb. U. S. Geol. Survey. Drilled observation water-table well in silt, sand, and gravel, diameter 8 inches, depth 16 feet. Highest water level 8.06, June 17, 1954; lowest water level 13.35, Oct. 25 and 31, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	12.46	Apr. 30	11.88	July 31	12.30	Oct. 31	13.35
Feb. 29	12.09	May 31	12.16	Aug. 31	12.31	Nov. 30	13.20
Mar. 31	12.15	June 30	11.78	Sept. 30	12.93	Dec. 31	13.05

\*Recording gage.



Lancaster County--Continued

\*A8-7-30cd. U. S. Geol. Survey. Drilled observation water-table well in sand, diameter 8 inches, depth 22 feet. Highest water level 11.96, Sept. 2 and 3, 1954; lowest water level 16.31, Dec. 31, 1956. Records available: 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	16.10	Apr. 30	16.20	July 31	15.03	Oct. 31	15.95
Feb. 29	16.15	May 31	15.99	Aug. 31	14.85	Nov. 30	16.18
Mar. 31	16.15	June 30	15.88	Sept. 30	15.45	Dec. 31	16.31

A8-7-33ab. U. S. Geol. Survey. Drilled observation water-table well in sand, diameter 1 1/4 inches, depth 33 feet. Highest water level 1.77, Apr. 16, 1952; lowest water level 10.57, Feb. 1, 1956. Records available: 1951-56. Jan. 4, 10.31; Feb. 1, 10.57.

A9-5-21aa. Miss Brady. Dug stock water-table well in till, diameter 36 inches, depth 28 feet. Highest water level 16.94, Jan. 7, 1954; lowest water level 28.40, Jan. 4, 1936. Records available: 1934-42, 1946, 1954-56. Dec. 6, 1934.

A9-6-5dd. U. S. Geol. Survey. Drilled unused water-table well in alluvium, diameter 1 1/4 inches, depth 33 feet. Highest water level 5.53, Apr. 16, 1952; lowest water level 8.65, Oct. 23, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	7.89	Mar. 31	7.65	May 30	7.77	Oct. 23	8.65
Feb. 1	7.82	May 2	7.65	Sept. 18	8.37	Dec. 18	8.15
29	7.68						

A9-6-36dd. Owner unknown. Water-table well, diameter 4 inches, depth 41 feet. Highest water level 10.54, Dec. 31, 1954; lowest water level 13.27, Dec. 15, 1955. Records available: 1954-56. Dec. 6, 12.50.

A9-7-28cc. C. A. Potts. Drilled unused water-table well in alluvium or sandstone of Dakota age, diameter 42 inches, depth 23 feet. Highest water level 4.40, Dec. 31, 1954; lowest water level 11.65, Oct. 6, 1937. Records available: 1935-42, 1946, 1954-56. Dec. 6, 7.75.

A10-5-16bb. A. C. Hoppman. Drilled observation water-table well in alluvium, diameter 12 inches, depth 36 feet. Highest water level 14.39, Apr. 30, 1952; lowest water level 21.86, Oct. 24, 1955. Records available: 1952, 1954-56. Dec. 6, 21.46.

# Lancaster County--Continued

A10-5-22dad. U. S. Geol. Survey. Drilled unused water-table well in alluvium, diameter 1 1/4 inches, depth 33 feet. Highest water level 10.47, Nov. 28, 1951; lowest water level 20.78, Nov. 2, 1955. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	20.60	Apr. 3	20.54	May 31	20.66	Nov. 9	20.65
Feb. 1	20.64	May 4	20.58	Sept. 18	19.82	Dec. 21	20.64
Mar. 5	20.49						

A10-6-1cc. H. R. Keech. Drilled unused water-table well in glacial fill, diameter 8 inches, depth 70 feet. Highest water level 6.38, July 3, 1951; lowest water level 26.82, Dec. 6, 1956. Records available: 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 20	24.55	Aug. 19	25.30	Oct. 21	26.25	Dec. 6	26.82

A10-6-13da. U. S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diameter 1 1/4 inches, depth 32 feet. Highest water level, 14.04, Apr. 30, 1952; lowest water level 19.00, May 31, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	18.54	Apr. 3	18.56	May 31	19.00	Nov. 9	18.92
Feb. 1	18.58	May 4	18.58	Sept. 18	18.90	Dec. 21	18.70
Mar. 5	18.39						

A10-6-18ab. Grace Mears. Dug domestic and stock water-table well in sand and gravel of Pleistocene age, diameter 4 feet, depth 25 feet. Highest water level 13.82, Jan. 8, 1955; lowest water level 16.32, Dec. 6, 1956. Records available: 1954-56. Dec. 6, 16.32.

A10-6-26bc. Valley Ice Co. Drilled industry water-table well in Salt Creek alluvium, diameter 8 inches, depth 72 feet. Highest water level 36.85, Jan. 8, 1955; lowest water level 38.49, Dec. 15, 1955. Records available: 1954-56. Dec. 6, 37.22.

Lancaster County--Continued

\*A10-6-34ca. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 8 inches, depth 36 feet. Highest water level 10.00, July 15, 1952; lowest water level 18.51, Dec. 25, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	18.31	Apr. 30	18.43	July 31	18.23	Oct. 31	18.33
Feb. 29	18.35	May 31	18.02	Aug. 31	17.99	Nov. 25	18.45
Mar. 31	18.41	June 30	17.42	Sept. 30	17.97	Dec. 25	18.51

\*A10-6-36cdd. City of Lincoln. Drilled unused water-table well in Dakota sandstone, diameter 16 inches, depth 170 feet. Highest water level 67.97, June 18, 1953; lowest water level 71.19, Sept 5, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	70.96	Apr. 30	71.12	July 25	70.72	Oct. 31	71.03
Feb. 29	70.78	May 31	71.15	Aug. 31	70.98	Nov. 30	70.95
Mar. 31	70.65	June 30	70.71	Sept. 30	71.14	Dec. 31	70.85

A11-6-6db. U. S. Geol. Survey. Drilled unused water-table well in alluvial sand, diameter 1 1/4 inches, depth 34 feet. Highest water level 12.21, Apr. 30, 1952; lowest water level 19.16, Dec. 21, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	18.82	Apr. 3	17.76	May 31	17.67	Nov. 9	18.94
Feb. 1	18.94	May 7	17.29	Sept. 18	17.81	Dec. 21	19.16
Mar. 5	18.77						

\*A11-6-20dc. U. S. Geol. Survey. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 8 inches, depth 34 feet. Highest water level 12.40, Apr. 24, 1952; lowest water level 17.52, Dec. 5 and 10, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	17.02	Apr. 30	17.26	July 31	17.40	Oct. 31	17.50
Feb. 29	17.10	May 31	17.27	Aug. 31	17.34	Nov. 30	17.50
Mar. 31	17.16	June 30	17.31	Sept. 30	17.39	Dec. 31	17.51

\*Recording gage.

Lancaster County--Continued

All-6-31ac. U. S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diameter 1 1/4 inches, depth 25 feet. Highest water level 12.67, Apr. 23, 1952; lowest water level 18.10, Oct. 12, 1955. Records available: 1951-53, 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	17.17	Apr. 3	17.20	May 31	17.10	Nov. 9	17.78
Feb. 1	17.26	May 4	17.35	Sept. 18	16.79	Dec. 21	17.63
Mar. 5	17.05						

All-7-30db. U. S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diameter 1 1/4 inches, depth 24 feet. Highest water level 15.97, May 14, 1952; lowest water level dry, No. 9 through Dec. 31, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	22.15	Apr. 3	21.94	May 31	22.07	Nov. 9	Dry
Feb. 1	22.09	May 7	21.90	Sept. 18	22.73	Dec. 21	Dry
Mar. 5	21.95						

All-7-35cb. U. S. Geol. Survey. Drilled unused water-table well in fine sand, diameter 1 1/4 inches, depth 23 feet. Highest water level 9.40, Apr. 30, 1952; lowest water level 19.45, Nov. 9, 1956. Records available: 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4	17.99	Apr. 3	18.74	May 31	19.12	Nov. 9	19.45
Feb. 1	18.05	May 4	18.81	Sept. 18	19.35	Dec. 21	19.16
Mar. 5	18.04						

All-8-17dc. Clark Jeary. Drilled irrigation water-table well in sand and gravel, diameter 18 inches, depth 91 feet. Highest water level 8.59, Apr. 30, 1952; lowest water level 20.25, Nov. 30, 1956. Records available: 1950, 1952-56. Nov. 30, 20.25.

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10-32-17cc. J. M. Friso. Drilled unused water-table well in Ogallala formation, diameter 4 inches, depth 210 feet. Highest water level 136.52, Mar. 23, 1956; lowest water level 148.57, Jan. 22, 1941. Records available: 1934-42, 1944, 1953-56. Mar. 23, 136.52.

13-30-4cd. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,802.18 feet above msl. Highest water level 4.97, Oct. 9, 1946; lowest water level 11.55, Dec. 17, 1956. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	11.25	Apr. 6	11.25	May 18	11.35	Dec. 17	11.55

13-30-9cb. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,800.99 feet above msl. Highest water level .90, June 13, 1947; lowest water level dry, Sept. 10, 1947. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	3.47	May 18	3.52	Sept. 20	4.00	Dec. 17	3.62
Apr. 6	3.29						

13-30-21bb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diameter 1 1/4 inches, depth 22 feet. Land-surface datum is 2,819.03 feet above msl. Highest water level 9.57, May 3, 1949; lowest water level 19.92, Sept. 17, 1936. Records available: 1934-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	11.57	May 22	10.92	Nov. 6	11.63	Dec. 17	11.85
Apr. 6	11.43	Sept. 20	11.73				

13-30-21cd. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 54 feet. Land-surface datum is 2,869.34 feet above msl. Highest water level 37.55, Aug. 7, 1951; lowest water level 41.20, Jan. 20, 1947. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	38.50	May 22	39.30	Sept. 25	38.40	Dec. 17	38.50
Apr. 9	39.20						



Lincoln County--Continued

14-30-9ca. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 26 feet. Land-surface datum is 2,832.35 feet above msl. Highest water level 2.24, Mar. 11, 1952; lowest water level 6.05, Sept. 12, 1946. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20	3.75	May 18	3.25	Sept. 20	4.90	Dec. 17	3.87
Apr. 9	2.90						

14-30-16db. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,806.83 feet above msl. Highest water level .05, Jan. 16, 1952; lowest water level 3.45, Aug. 13, 1953. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20	0.80	May 18	1.55	Sept 20	2.60	Dec. 17	0.50
Apr. 9	10						

14-30-21cd. U. S. Geol. Survey. Driven observation water-table well in gravel, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 2,801.50 feet above msl. Highest water level 2.54, Mar. 11, 1952; lowest water level 5.33, Sept. 18, 1953. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20	3.20	May 18	3.67	Sept. 20	4.70	Dec. 17	3.53
Apr. 9	3.20						

14-30-28dc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,798.85 feet above msl. Highest water level 4.08, Aug. 7, 1951; lowest water level 7.60, Dec. 17, 1956. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23	6.75	May 18	6.60	Sept. 20	6.80	Dec. 17	7.60
Apr. 9	6.55						

# Lincoln County--Continued

14-30-33cd. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,801.66 feet above msl. Highest water level 5.90, June 23, 1947; lowest water level 10.50, Sept. 20, 1956. Records available: 1946-56. Apr. 6, 9.46; May 18, 9.85; Sept. 20, 10.50.

14-33-17da. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 inch, depth 15 feet. Highest water level .45, Aug. 3, 1945; lowest water level 5.01, Mar. 23, 1956. Records available: 1936-46, 1951, 1954, 1956. Mar. 23, 5.01.

14-33-27aa. Central Nebraska Public Power and Irrigation District. Driven observation water-table well in alluvial sand and gravel, diameter 2 inches, depth 16 feet. Land-surface datum is 2,939.93 feet above msl. Highest water level 7.80, June 20, 1951; lowest water level 11.52, Apr. 4, 1956. Records available: 1938-52, 1954-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 20	11.40	June 29	10.20	Aug. 31	8.85	Nov. 9	10.18
Mar. 27	11.50	July 13	10.05	Oct. 22	9.67	Dec. 31	10.94
Apr. 4	11.52						

\*14-33-27da. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 15 inches, depth 102 feet. Highest water level 1.58, June 27, 1949; lowest water level 6.70, Feb. 20 through 22, 1952. Records available: 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	6.19	Apr. 10	6.24	July 20	5.51	Oct. 31	5.62
Feb. 25	6.23	May 10	6.17	Aug. 31	5.53	Nov. 15	5.68
Mar. 20	6.25	June 30	5.49	Sept. 25	5.65	Dec. 31	6.01

16-31-4ab. U. S. Geol. Survey. Drilled observation water-table well in fine sand of Pleistocene age, diameter 2 inches, depth 120 feet. Highest water level 65.48, Oct. 2, 1951; lowest water level 71.11, May 21, 1952. Records available: 1935-42, 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29	68.40	May 16	68.30	Sept. 20	68.40	Dec. 17	68.40

\*Recording gage.

### Loup County

21-17-32dc. Louie Bohy. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches. Highest water level 22.89, Feb. 9, 1955; lowest water level 24.67, Apr. 15, 1952. Records available: 1950-56. June 28, 23.38.

21-18-22aa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 15 feet. Highest water level 3.54, Feb. 15, 1952; lowest water level 5.31, July 16, 1940. Records available: 1935-42, 1948, 1950-56. June 28, 4.43.

21-19-4bc. Bill Strong. Driven unused water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 22 feet. Highest water level 8.73, Feb. 9, 1955; lowest water level 11.93, July 14, 1953. Records available: 1951-56. June 28, 9.53.

### Madison County

22-1-33cb. Alvin Christian. Drilled unused artesian well in sand of Pleistocene age, diameter 8 inches, depth 60 feet. Highest water level 1.68 feet above lsd, Mar. 31, 1953; lowest water level 3.25, Aug. 18, 1936. Records available: 1935-51, 1953, 1955-56. Nov. 26, +.30.

23-2-5aa. John Bredehoft. Drilled unused water-table well in alluvial sand, diameter 1 1/2 inches, depth 31 feet. Highest water level 2.93, June 4, 1935; lowest water level 5.24, Sept. 12, 1955. Records available: 1934-37, 1940-42, 1944-56. Nov. 13, 4.31.

24-1-20ca. Darin Raasch. Drilled irrigation water-table well in sand of Pleistocene age, diameter 6 inches, depth 72 feet. Highest water level 6.76, Aug. 30, 1951; lowest water level 11.81, Nov. 14, 1956. Records available: 1951-56. Nov. 14, 11.81.

24-4-6dc. Alvin G. Peterson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 101 feet. Highest water level 23.86, Aug. 30, 1951; lowest water level 25.40, Dec. 1, 1953. Records available: 1951-56. Nov. 14, 24.00.

24-4-25cc. E. C. King. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 115 feet. Highest water level 2.98, Aug. 30, 1951; lowest water level 8.00, Sept. 12, 1955. Records available: 1951-56. Nov. 14, 7.67.

### McPherson County

18-31-16dd. U. S. Geol. Survey. Drilled observation water-table well in fine sand of Pleistocene age, diameter 2 inches, depth 120 feet. Highest water level 105.74, Oct. 17, 1937; lowest water level 109.92, Jan. 10, 1951. Records available: 1935-42, 1951-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 29	108.80	May 15	108.00	Sept. 20	108.20	Dec. 17	107.70

### Merrick County

11-8-3dd. U. S. Geol. Survey. Driven observation water-table well in gravel, diameter 1 1/4 inches, depth 9 feet. Highest water level .55, Mar. 17, 1948; lowest water level 5.47, Nov. 7, 1956. Records available: 1946-56. May 26, 3.08; Nov. 7, 5.47.

11-8-8bu. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 42 feet. Land-surface datum is 1,821.18 feet above msl. Highest water level 8.54, May 1, 1951; lowest water level 12.98, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-56. May 26, 11.55; Nov. 7, 12.98.

11-8-16cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 44 feet. Land-surface datum is 1,818.19 feet above msl. Highest water level 2.85, Apr. 29, 1949; lowest water level 7.41, Sept. 14, 1953. Records available: 1947-51, 1953, 1955-56. May 26, 6.49.

12-7-4dc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 46 feet. Land-surface datum is 1,756.09 feet above msl. Highest water level 7.51, Apr. 29, 1949; lowest water level 10.93, Oct. 4, 1955. Records available: 1947-51, 1953, 1955-56. May 22, 10.59.

12-7-7aa. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,762.16 feet above msl. Highest water level 4.34, July 10, 1947; lowest water level 12.26, Nov. 5, 1956. Records available: 1945-56. Apr. 18, 9.48; May 22, 9.30; Nov. 5, 10.26.

Merrick County—Continued

12-7-17bc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,768.40 feet above msl. Highest water level 6.48, Apr. 29, 1949; lowest water level 10.42, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 9.49; Nov. 5, 10.42.

12-8-7dc. Owner unknown. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 22 inches, depth 47 feet. Highest water level 8.51, May 27, 1952; lowest water level 22.07, Nov. 5, 1956. Records available: 1946-56. May 23, 16.23; Nov. 5, 22.07.

12-8-10cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 40 feet. Land-surface datum is 1,792.42 feet above msl. Highest water level 7.30, Feb. 27, 1950; lowest water level 14.21, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 11.23; Nov. 5, 14.21.

12-8-12cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 32 feet. Land-surface datum is 1,774.70 feet above msl. Highest water level 2.82, Apr. 29, 1949; lowest water level 8.58, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 7.08; Nov. 5, 8.58.

12-8-20cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 79 feet. Land-surface datum is 1,824.99 feet above msl. Highest water level 17.02, Apr. 29, 1949; lowest water level 27.13, Nov. 5, 1956. Records available: 1947-50, 1953, 1955-56. May 23, 21.86; Nov. 5, 27.13.

12-8-28dc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level .91 feet above lsd, July 24, 1951; lowest water level 5.12, Nov. 7, 1956. Records available: 1945-56. Apr. 18, 3.57; May 22, 3.20; Nov. 7, 5.12.

13-6-2bc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 1,607.05 feet above msl. Highest water level 2.86, May 27, 1952; lowest water level 9.15, Nov. 5, 1956. Records available: 1945-56. Apr. 18, 7.84; May 22, 7.63; Nov. 5, 9.15.

13-6-4bb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 39 feet. Land-surface datum is 1,704.08 feet above msl. Highest water level 8.53, Apr. 29, 1949; lowest water level 14.61, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 12.78; Nov. 5, 14.61.



Merrick County--Continued

13-6-7bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 1,713.73 feet above msl. Highest water level 4.09, July 10, 1947; lowest water level 10.42, Nov. 5, 1956. Records available: 1946-56. May 22, 8.94; Nov. 5, 10.42.

13-6-15cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 46 feet. Land-surface datum is 1,702.74 feet above msl. Highest water level 5.49, Apr. 29, 1949; lowest water level 10.32, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 8.35; Nov. 5, 10.32.

13-6-19cb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level 1.75, May 27, 1952; lowest water level 8.62, Nov. 5, 1956. Records available: 1945-56. May 22, 7.36; Nov. 5, 8.62.

13-6-28bb. U. S. Geol. Survey. Driven observation water-table well in fine sand, diameter 1 1/4 inches, depth 12 feet. Highest water level 5.02, Mar. 27, 1952; lowest water level 9.42, Oct. 4, 1955. Records available: 1946-56. May 22, 7.18; Nov. 5, 9.00.

13-7-4bc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Highest water level 2.95, Mar. 9, 1949; lowest water level dry at 11.00, May 24, 1956. Records available: 1946-51, 1953, 1955-56. May 24, dry at 11.00; Nov. 7, 9.93.

13-7-7cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 47 feet. Land-surface datum is 1,765.86 feet above msl. Highest water level 6.39, Apr. 29, 1949; lowest water level 17.11, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-56. May 24, 13.65; Nov. 7, 17.11.

13-7-10cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 69 feet. Land-surface datum is 1,745.02 feet above msl. Highest water level 7.81, Apr. 29, 1949; lowest water level 16.76, Nov. 5, 1956. Records available: 1947-51, 1953, 1956. May 22, 14.22; Nov. 5, 16.76.

13-7-16cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 95 feet. Highest water level 11.90, Oct. 13, 1950; lowest water level 19.94, Nov. 5, 1956. Records available: 1950, 1955-56. May 22, 17.46; Nov. 5, 19.94.

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13-7-22dc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 43 feet. Land-surface datum is 1,738.45 feet above msl. Highest water level 2.79, Apr. 29, 1949; lowest water level 10.24, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 8.28; Nov. 5, 10.24.

13-7-29cb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 11 feet. Land-surface datum is 1,749.49 feet above msl. Highest water level .40, Mar. 9, 1949; lowest water level 7.31, Nov. 5, 1956. Records available: 1946-56. May 22, 4.99; Nov. 5, 7.31.

13-7-30cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,774.82 feet above msl. Highest water level 14.68, Apr. 29, 1949; lowest water level 21.83, Nov. 5, 1956. Records available: 1947-51, 1955-56. May 22, 19.58; Nov. 5, 21.83.

13-7-36cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 59 feet. Land-surface datum is 1,737.34 feet above msl. Highest water level 7.51, Apr. 29, 1949; lowest water level 12.77, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 11.14; Nov. 5, 12.77.

13-8-1cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 28 feet. Highest water level 5.68, Oct. 13, 1950; lowest water level 9.95, Nov. 7, 1956. Records available: 1950, 1955-56. May 24, 7.97; Nov. 7, 9.95.

13-8-9cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 48 feet. Highest water level 8.98, Oct. 13, 1950; lowest water level 12.90, Nov. 5, 1956. Records available: 1950, 1955-56. May 24, 11.19; Nov. 5, 12.90.

13-8-10cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,778.63 feet above msl. Highest water level 2.79, Apr. 29, 1949; lowest water level 11.09, Nov. 5, 1956. Records available: 1947-50, 1953, 1955-56. May 24, 9.12; Nov. 5, 11.09.

13-8-14cc. Otto Scheer. Dug irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 48 feet. Highest water level 8.31, Oct. 13, 1950; lowest water level 18.35, Nov. 5, 1956. Records available: 1950, 1955-56. May 24, 14.84; Nov. 5, 18.35.

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13-8-19bb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 34 feet. Highest water level 5.95, Oct. 13, 1950; lowest water level 14.22, Nov. 5, 1956. Records available: 1950, 1955-56. May 24, 12.13; Nov. 5, 14.22.

13-8-27dc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 58 feet. Land-surface datum is 1,794.11 feet above msl. Highest water level 12.33, Oct. 13, 1950; lowest water level 23.00, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-56. Nov. 5, 23.00.

13-8-32dd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Land-surface datum is 1,803.84 feet above msl. Highest water level 8.78, Oct. 13, 1950; lowest water level 20.15, Nov. 5, 1956. Records available: 1947-48, 1950-51, 1953, 1955-56. May 24, 16.28; Nov. 5, 20.15.

14-4-18bb. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,625.85 feet above msl. Highest water level 1.97, Mar. 7, 1949; lowest water level 7.16, Nov. 6, 1956. Records available: 1946-56. May 23, 4.99; Nov. 6, 7.16.

14-5-3dd. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel of Pleistocene age, diameter 3/4 inch, depth 14 feet. Highest water level 2.13, Apr. 30, 1951; lowest water level 6.73, Nov. 6, 1956. Records available: 1950-51, 1955-56. May 23, 5.78; Nov. 6, 6.73.

14-5-4bb. R. W. Beck. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 26 feet. Highest water level 5.12, Aug. 1, 1950; lowest water level 9.78, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 8.60; Nov. 6, 9.78.

14-5-4cb. Mrs. Alfa Sampson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 35 feet. Highest water level 10.10, Aug. 29, 1950; lowest water level 14.75, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 13.62; Nov. 6, 14.75.

14-5-7bb. U. S. Geol. Survey. Jetted observation water-table well in silty clay and very fine to coarse sand, diameter 3/4 inch, depth 10 feet. Highest water level 3.00, July 31, 1950; lowest water level 6.95, Nov. 6, 1956. Records available: 1950, 1953, 1955-56. May 23, 5.77; Nov. 6, 6.95.

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14-5-9cc2. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 30 feet. Land-surface datum is 1,649.70 feet above msl. Highest water level 4.14, May 27, 1952; lowest water level 9.83, Nov. 6, 1956. Records available: 1947-56. Apr. 18, 8.81; May 23, 8.76; Nov. 6, 9.83.

14-5-15da. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,643.56 feet above msl. Highest water level 4.36, Apr. 29, 1949; lowest water level 9.27, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-56. May 23, 7.88; Nov. 6, 9.27.

14-5-17dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, clay, sand and gravel, diameter 3/4 inch, depth 18 feet. Highest water level 8.94, Aug. 29, 1950; lowest water level 12.49, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 11.37; Nov. 6, 12.49.

14-5-19bb. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diameter 3/4 inch, depth 14 feet. Land-surface datum is 1,665.88 feet above msl. Highest water level 6.00, Aug. 21, 1950; lowest water level 8.85, Nov. 6, 1956. Records available: 1950, 1955-56. Nov. 6, 8.85.

14-5-28cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 40 feet. Land-surface datum is 1,659.73 feet above msl. Highest water level 3.78, Apr. 29, 1949; lowest water level 9.00, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-56. May 23, 7.07; Nov. 6, 9.00.

14-5-31bc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 32 feet. Land-surface datum is 1,672.25 feet above msl. Highest water level 2.05, Apr. 29, 1949; lowest water level 6.93, Sept. 10, 1953. Records available: 1947-51, 1953, 1955-56. May 23, 5.15; Nov. 6, 6.61.

14-6-2cc. U. S. Geol. Survey. Jetted observation water-table well in silty clay, sand and gravel, diameter 3/4 inch, depth 14 feet. Highest water level 1.94, July 31, 1950; lowest water level 7.99, Nov. 6, 1956. Records available: 1950-51, 1955-56. May 23, 5.42; Nov. 6, 7.99.

14-6-9bb. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand and gravel, diameter 3/4 inch, depth 19 feet. Highest water level 5.85, Aug. 8, 1950; lowest water level 14.33, Nov. 7, 1956. Records available: 1950-51, 1955-56. May 24, 12.27; Nov. 7, 14.33.



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14-6-9cc. U. S. Geological Survey. Jetted observation water-table well, diameter  $3/4$  inch, depth 22 feet. Land-surface datum is 1,701.10 feet above msl. Highest water level 16.27, Aug. 8, 1951; lowest water level dry, May 23, 1956. Records available: 1951, 1956. May 23, dry.

14-6-15bb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter  $1\frac{1}{4}$  inches, depth 13 feet. Land-surface datum is 1,679.85 feet above msl. Highest water level 1.82, Mar. 8, 1949; lowest water level 8.75, Nov. 7, 1956. Records available: 1946-56. Apr. 18, 6.03; May 23, 5.87; Nov. 7, 8.75.

14-6-18bb. U. S. Geol. Survey. Jetted observation water-table well in silt, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 4.48, Aug. 8, 1950; lowest water level 9.89, Nov. 7, 1956. Records available: 1950, 1955-56. May 24, 8.85; Nov. 7, 9.89.

14-6-24bc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Land-surface datum is 1,664.54 feet above msl. Highest water level 4.45, Mar. 29, 1947; lowest water level 10.48, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-56. Nov. 6, 10.48.

14-6-25dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt loam, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 4.62, Aug. 29, 1950; lowest water level 7.98, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 6.57; Nov. 6, 7.98.

14-6-28cc. Charron. Drilled irrigation water-table well in sand, diameter 48 inches, depth 40 feet. Land-surface datum is 1,692.87 feet above msl. Highest water level 3.69, May 1, 1951; lowest water level 8.34, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-56. May 22, 7.06; Nov. 7, 8.34.

14-7-2bb. Lee Ferres. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 32 feet. Highest water level 6.51, Oct. 16, 1950; lowest water level 12.71, Nov. 7, 1956. Records available: 1950, 1955-56. May 24, 8.34; Nov. 7, 12.71.

14-7-5dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, and very fine sand, diameter  $3/4$  inch, depth 23 feet. Highest water level 5.43, Aug. 9, 1950; lowest water level 10.21, Nov. 6, 1956. Records available: 1950, 1955-56. May 24, 9.50; Nov. 6, 10.21.



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14-7-8dd. U. S. Geol. Survey. Jetted observation water-table well in reworked silts and clays, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level .15, Apr. 26, 1951; lowest water level 6.24, Nov. 7, 1956. Records available: 1950-52, 1955-56. May 24, 3.28; Nov. 7, 6.24.

14-7-11bb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,720.34 feet above msl. Highest water level 8.30, Apr. 29, 1949; lowest water level 15.16, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-56. May 24, 12.64; Nov. 7, 15.16.

14-7-21cb. Henry Tsudy. Drilled irrigation water-table well in gravel of Pleistocene age, diameter 8 inches, depth 32 feet. Land-surface datum is 1,737.77 feet above msl. Highest water level 4.16, Apr. 13, 1949; lowest water level 10.69, Nov. 7, 1956. Records available: 1934-42, 1945-56. May 24, 8.92; Nov. 7, 10.69.

14-7-26cc. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter  $1\frac{1}{4}$  inches, depth 22 feet. Highest water level 9.58, July 5, 1949; lowest water level dry, Nov. 7, 1956. Records available: 1946-56. May 23, 16.85; Nov. 7, dry.

14-8-11bb. U. S. Geol. Survey. Jetted observation water-table well in silt and sand, diameter  $3/4$  inches, depth 26 feet. Land-surface datum is 1,796.34 feet above msl. Highest water level 24.22, June 15, 1955; lowest water level 25.55, May 24, 1956. Records available: 1955-56. May 24, 25.55.

14-8-12dd. U. S. Geol. Survey. Driven observation water-table well in sandy silt and clay, and sand, diameter  $3/4$  inch, depth 21 feet. Highest water level 13.73, Sept. 5 and Oct. 31, 1950; lowest water level 18.90, Nov. 7, 1956. Records available: 1950, 1955-56. May 24, 17.78; Nov. 7, 18.90.

14-8-25dd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 1,752.55 feet above msl. Highest water level 4.51, Apr. 29, 1949; lowest water level 11.57, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-56. May 24, 9.27; Nov. 7, 11.57.

15-3-6aa. U. S. Geol. Survey. Jetted observation water-table well in silt, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 3.66, Aug. 25, 1950; lowest water level 6.36, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 5.07; Nov. 6, 6.36.

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15-4-8bb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Highest water level 26.89, Oct. 17, 1950; lowest water level 33.42, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 31.00; Nov. 6, 33.42.

15-4-8dd. U. S. Geol. Survey. Jetted observation water-table well in silt, sand and gravel, diameter 3/4 inch, depth 14 feet. Highest water level 5.38, Aug. 25, 1950; lowest water level 9.82, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 8.77; Nov. 6, 9.82.

15-4-15aa. U. S. Geol. Survey. Jetted observation water-table well in silt, clay, sand and gravel, diameter 3/4 inch, depth 14 feet. Highest water level 4.21, Aug. 3, 1950; lowest water level 6.17, Nov. 5, 1956. Records available: 1950, 1955-56. May 23, 5.49; Nov. 5, 6.17.

15-4-15dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 15 feet. Land-surface datum is 1,585.98 feet above msl. Highest water level 5.50, July 8, 1947; lowest water level 10.45, Nov. 6, 1956. Records available: 1945-56. May 23, 9.89; Nov. 6, 10.45.

15-4-21ab. Owner unknown. Drilled unused water-table well in sand of Pleistocene age, diameter 36 inches, depth 24 feet. Land-surface datum is 1,593.60 feet above msl. Highest water level 2.71, Apr. 29, 1949; lowest water level 7.54, Oct. 7, 1955. Records available: 1947-51, 1953, 1955-56. May 23, 6.99.

15-4-21cc. U. S. Geol. Survey. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 50 feet. Highest water level 6.16, Aug. 2, 1950; lowest water level 8.75, Nov. 5, 1956. Records available: 1950, 1955-56. May 23, 7.73; Nov. 5, 8.75.

15-4-30cc. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 42 feet. Highest water level 7.98, Oct. 5, 1950; lowest water level 10.64, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 9.48; Nov. 6, 10.64.

15-4-31cc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,615.79 feet above msl. Highest water level 2.07, May 27, 1952; lowest water level 6.81, Nov. 6, 1956. Records available: 1945-56. Apr. 18, 6.23; May 23, 6.15; Nov. 6, 6.81.

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15-4-33bc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 12 inches, depth 20 feet. Land-surface datum is 1,604.59 feet above msl. Highest water level 3.68, Apr. 29, 1949; lowest water level 8.30, Nov. 6, 1956. Records available: 1947-51, 1953, 1956. May 23, 6.98; Nov. 6, 8.30.

15-5-1da. U. S. Geol. Survey. Jetted observation water-table well in silt, clay, sand and gravel, diameter 3/4 inch, depth 14 feet. Highest water level 2.55, Aug. 1, 1950; lowest water level 7.30, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 5.69; Nov. 6, 7.30.

15-5-2cc. U. S. Geol. Survey. Jetted observation water-table well in silty clay, and sand, diameter 3/4 inch, depth 12 feet. Highest water level 2.44, Aug. 1, 1950; lowest water level 9.14, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 7.95; Nov. 6, 9.14.

15-5-8dd. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 19 feet. Land-surface datum is 1,650.32 feet above msl. Highest water level 11.15, July 8, 1947; lowest water level 18.00, Nov. 6, 1956. Records available: 1946-56. Apr. 18, 17.45; May 23, 17.12; Nov. 6, 18.00.

15-5-13dd. U. S. Geol. Survey. Jetted observation water-table well in silt, sand and gravel, diameter 3/4 inch, depth 11 feet. Highest water level 3.39, Aug. 2, 1950; lowest water level 6.99, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 6.05; Nov. 6, 6.99.

15-5-16cc. William A. Morris. Drilled irrigation water-table well in gravel, diameter 24 inches, depth 35 feet. Highest water level 12.33, Aug. 1, 1950; lowest water level 21.22, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 18.70; Nov. 6, 21.22.

15-5-18cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 52 feet. Land-surface datum is 1,665.93 feet above msl. Highest water level 13.34, Aug. 29, 1950; lowest water level 18.25, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 17.50; Nov. 6, 18.25.

15-5-21cc. U. S. Geol. Survey. Jetted observation water-table well in clayey silt, sand and gravel, diameter 3/4 inch, depth 17 feet. Highest water level 7.76, May 28, 1951; lowest water level 11.98, Nov. 6, 1956. Records available: 1950-52, 1955-56. May 23, 11.50; Nov. 6, 11.98.

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15-5-22aa. U. S. Geol. Survey. Jetted observation water-table well in silt, clay and medium to coarse sand, diameter  $3/4$  inch, depth 14 feet. Highest water level 6.02, Aug. 1, 1950; lowest water level 10.96, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 10.11; Nov. 6, 10.96.

15-5-25aa. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 5.06, Aug. 28, 1950; lowest water level 9.09, Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 7.88; Nov. 6, 9.09.

15-5-27dd. U. S. Geol. Survey. Driven observation water-table well in soil, silt and sand, diameter  $1\ 1/4$  inches, depth 12 feet. Land-surface datum is 1,625.39 feet above msl. Highest water level 1.92, July 8, 1947; lowest water level 7.79, Nov. 6, 1956. Records available: 1946-51, 1953-56. May 23, 7.23; Nov. 6, 7.79.

15-5-30cc. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and sandy clay, diameter  $3/4$  inch, depth 10 feet. Highest water level 4.24, July 31, 1950; lowest water level dry, June 14, 1955 and Nov. 6, 1956. Records available: 1950, 1955-56. May 23, 7.90; Nov. 6, dry.

15-5-32aa. Joe Kiobasa. Drilled irrigation water-table well in clay and gravel, diameter 24 inches, depth 33 feet. Highest water level 8.32, Aug. 29, 1950; lowest water level 15.10, May 23, 1956. Records available: 1950, 1955-56. May 23, 15.10; Nov. 6, 12.95.

15-6-12dd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 31 feet. Highest water level 8.84, Oct. 16, 1950; lowest water level 14.43, Nov. 6, 1956. Records available: 1950, 1955-56. Nov. 6, 14.43.

15-6-14bb. U. S. Geol. Survey. Jetted observation water-table well in silty clay and very fine to coarse sand, diameter  $3/4$  inch, depth 24 feet. Highest water level 5.66, July 31, 1950; lowest water level 12.91, Nov. 7, 1956. Records available: 1950, 1955-56. May 23, 11.53; Nov. 7, 12.91.

15-6-14cc. U. S. Geol. Survey. Jetted observation water-table well in silty clay and fine to medium sand, diameter  $3/4$  inch, depth 18 feet. Highest water level 2.73, July 31, 1950; lowest water level 10.72, Nov. 7, 1956. Records available: 1950, 1955-56. May 23, 8.34; Nov. 7, 10.72.

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15-6-21cc. U. S. Geol. Survey. Jetted observation water-table well in dune sand and silt, diameter  $3/4$  inch, depth 21 feet. Land-surface datum is 1,699.90 feet above msl. Highest water level 12.84, Aug. 8, 1950; lowest water level 16.22, Nov. 7, 1956. Records available: 1950, 1955-56. May 24, 15.59; Nov. 7, 16.22.

15-6-27cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches. Highest water level 5.00, Aug. 3, 1950; lowest water level 10.05, May 23, 1956. Records available: 1950, 1955-56. May 23, 10.05.

15-6-27dd. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 5.03, July 26, 1951; lowest water level 10.46, Nov. 7, 1956. Records available: 1950-52, 1955-56. May 23, 9.55; Nov. 7, 10.46.

15-6-30bb. M. K. Garrett. Drilled irrigation water-table well, diameter 24 inches, depth 43 feet. Land-surface datum is 1,713.36 feet above msl. Highest water level 14.85, Oct. 17, 1950; lowest water level 17.05, May 24, 1956. Records available: 1949-50, 1956. May 24, 17.05.

15-6-31cc. U. S. Geol. Survey. Jetted observation water-table well in silt, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 5.64, Aug. 8, 1950; lowest water level 11.82, Nov. 7, 1956. Records available: 1950, 1955-56. May 24, 9.87; Nov. 7, 11.82.

15-6-32aa. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 4.61, Aug. 8, 1950; lowest water level 8.33, Nov. 7, 1956. Records available: 1950, 1955-56. Nov. 7, 8.33.

15-6-35cc. U. S. Geol. Survey. Jetted observation water-table well in silt, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 8.70, July 31, 1950; lowest water level dry, Oct. 6, 1955 and through the year 1956. Records available: 1950, 1955-56. May 23, dry.

15-7-25dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand and gravel, diameter  $3/4$  inch, depth 14 feet. Highest water level 3.67, Aug. 8, 1950; lowest water level 7.20, Oct. 5, 1955. Records available: 1950, 1955-56. May 24, 6.58; Nov. 7, 7.12.



## Merrick County--Continued

15-7-26cc. U. S. Geol. Survey. Jetted observation water-table well in silty clay, sand and gravel, diameter  $3/4$  inch, depth 21 feet. Highest water level 14.84, Oct. 3, 1950; lowest water level dry, May 24, 1956. Records available: 1950, 1955-56. May 24, dry.

15-8-33bc. Dinsdale Bros. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 56 feet. Highest water level 10.38, Feb. 6, 1950; lowest water level 17.25, Nov. 7, 1956. Records available: 1948-56. Apr. 17, 13.20; May 24, 13.17; Nov. 7, 17.25.

16-4-32dd. U. S. Geol. Survey. Jetted observation water-table well in silt and very fine to coarse sand, diameter  $3/4$  inch, depth 14 feet. Highest water level 3.32, Aug. 2, 1950; lowest water level 6.98, Nov. 6, 1956. Records available: 1950, 1956. May 23, 6.18; Nov. 6, 6.98.

## Morrill County

19-49-23cc. W. E. Guthrie Estate. Drilled irrigation water-table well in gravel of Pleistocene age, diameter 24 inches, depth 60 feet. Highest water level 9.33, Aug. 20, 1950; lowest water level 11.95, May 9, 1950. Records available: 1936-42, 1944, 1948-56. Oct. 13, 10.87.

20-49-30ac. Arnold Stewart. Drilled observation water-table well in sand of Pleistocene age, diameter 6 inches, depth 56 feet. Highest water level 15.22, Nov. 21, 1949; lowest water level 21.22, June 11, 1946. Records available: 1946-56. Oct. 13, 19.78.

20-50-28bb. Fred Smith. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter  $1\ 1/4$  inches, depth 35 feet. Highest water level 11.87, Sept. 7, 1951; lowest water level 17.33, Oct. 26, 1954. Records available: 1934-42, 1944-56. Oct. 13, 13.57.

20-50-32aa. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 7 feet. Land-surface datum is 3,666.02 feet above msl. Highest water level 2.00, May 4, 1942; lowest water level dry, July 16, 1954, July 29, 1955, and June 12, 1956. Records available: 1930-56.

# Morrill County--Continued

## 20-50-32aa--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5	4.52	Apr. 5	5.10	July 2	5.34	Sept. 25	5.18
11	4.58	10	5.09	3	5.05	30	5.09
18	4.62	15	5.22	5	4.89	Oct. 5	5.13
20	4.60	20	5.49	10	5.25	10	5.02
25	4.66	25	5.13	16	5.56	15	4.89
Feb. 1	4.74	30	5.04	20	5.39	20	4.74
6	4.70	May 5	5.03	25	5.79	25	4.63
10	4.74	10	5.21	30	5.71	30	4.59
15	4.76	16	5.17	Aug. 1	5.52	Nov. 5	4.35
20	4.80	21	5.47	6	5.71	10	4.28
23	4.86	25	5.87	10	5.61	19	4.16
26	4.84	30	5.27	15	5.62	20	4.10
29	4.86	31	5.33	20	4.94	26	4.21
Mar. 5	4.83	June 6	5.30	25	5.25	30	4.17
11	4.86	12	Dry	31	5.19	Dec. 5	4.22
15	4.90	18	5.87	Sept. 5	4.98	10	4.34
20	4.88	20	5.39	10	4.38	14	4.39
22	4.91	25	5.87	15	5.07	20	4.27
26	5.03	29	5.71	20	5.18	26	4.39
Apr. 2	4.99						

22-50-14bc. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level .06 feet above lsd, May 9, 1949; lowest water level 2.33, Aug. 13, 1946. Records available: 1946-56. Mar. 12, 1.32.

22-50-28bc. Mrs. Jessie Jensen. Drilled unused water-table well in sandstone of Arikaree formation of Tertiary age, diameter 6 inches, depth 91 feet. Highest water level 78.45, Mar. 12, 1956; lowest water level 83.15, June 19, 1954. Records available: 1934-42, 1944, 1946-56. Mar. 12, 78.45.

## Nance County

15-7-6bb. Dinsdale brothers. Drilled unused water-table well in sand and gravel of Pleistocene age, diameter 3 inches, depth 81 feet. Highest water level 63.88, Mar. 28, 1950; lowest water level 66.28, Sept. 6, 1956. Records available: 1948-52, 1955-56. Apr. 17, 66.15; Sept. 6, 66.28.

Nance County—Continued

15-7-8dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand and gravel, diameter  $3/4$  inch, depth  $1\frac{1}{4}$  feet. Land-surface datum is 1,690.34 feet above msl. Highest water level 6.51, Aug. 4, 1950; lowest water level 9.09, Jan. 25, 1952. Records available: 1950-52, 1956. Sept. 6, 8.47.

15-7-16cc. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, medium to coarse sand and clay, diameter  $3/4$  inch, depth  $1\frac{1}{4}$  feet. Land-surface datum is 1,702.70 feet above msl. Highest water level 1.50, Aug. 9, 1950; lowest water level 6.78, Sept. 6, 1956. Records available: 1950, 1956. Sept. 6, 6.78.

15-8-16db. U. S. Geol. Survey. Jetted observation water-table well in very fine to medium sand and clay, diameter  $3/4$  inch, depth  $1\frac{1}{4}$  feet. Land-surface datum is 1,709.89 feet above msl. Highest water level 3.59, Aug. 4, 1950; lowest water level 6.38, Sept. 6, 1956. Records available: 1950, 1956. Sept. 6, 6.38.

16-4-31bc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter  $1\frac{1}{4}$  inches, depth 12 feet. Highest water level 3.08, Apr. 22, 1949; lowest water level 9.27, Apr. 18, 1956. Records available: 1948-51, 1953, 1955-56. Apr. 18, 9.27.

16-6-22ab. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 63 feet. Land-surface datum is 1,657.58 feet above msl. Highest water level 28.89, Nov. 5, 1951; lowest water level 36.65, Sept. 6, 1956. Records available: 1949-51, 1956. Sept. 6, 36.65.

16-6-23cc. U. S. Geol. Survey. Jetted observation water-table well in silt and very fine to fine sand, diameter  $3/4$  inch, depth  $1\frac{1}{4}$  feet. Land-surface datum is 1,629.19 feet above msl. Highest water level 3.26, July 31, 1950; lowest water level 6.44, Sept. 6, 1956. Records available: 1950, 1956. Sept. 6, 6.44.

16-6-32aa. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diameter  $3/4$  inch, depth  $1\frac{1}{4}$  feet. Land-surface datum is 1,642.55 feet above msl. Highest water level 3.94, Aug. 8, 1950; lowest water level 6.76, Sept. 6, 1956. Records available: 1950, 1956. Sept. 6, 6.76.

16-6-33cc. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand and gravel, diameter  $3/4$  inch, depth  $1\frac{1}{4}$  feet. Land-surface datum is 1,666.34 feet above msl. Highest water level 1.46, Aug. 8, 1950; lowest water level 7.10, Sept. 6, 1956. Records available: 1950, 1956. Sept. 6, 7.10.

Nance County--Continued

16-6-35bb. U. S. Geol. Survey. Jetted observation water-table well in sandy silt and very fine sand, diameter  $3/4$  inch, depth 14 feet. Land-surface datum is 1,646.72 feet above msl. Highest water level 4.94, July 31, 1950; lowest water level 10.40, Sept. 6, 1956. Records available: 1950, 1956. Sept. 6, 10.40.

16-7-34cb. R. H. Brooks. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 58 feet. Highest water level 25.29, Nov. 5, 1951; lowest water level 33.39, Sept. 6, 1956. Records available: 1948-51, 1956. Sept. 6, 33.39.

16-7-36aa. Russell. Dug and driven unused water-table well in sand of Pleistocene age, diameter 18 inches, depth 33 feet. Highest water level 19.99, Nov. 5, 1951; lowest water level 21.96, Feb. 9, 1950. Records available: 1948-51, 1956. Sept. 6, 21.81.

17-4-25dc. Loup River Public Power District. Driven observation water-table well in sand and gravel of Pleistocene age, diameter  $1\ 1/4$  inches, depth 18 feet. Highest water level 9.28, Apr. 26, 1949; lowest water level 12.60, Oct. 14, 1953. Records available: 1948-56. Apr. 18, 11.19.

17-5-35dd. Loup River Public Power District. Driven observation water-table well in sand and gravel of Pleistocene age, diameter  $1\ 1/4$  inches, depth 16 feet. Highest water level 3.52, July 25, 1950; lowest water level 7.37, Aug. 17, 1954. Records available: 1948-56. Apr. 18, 6.68.

17-6-34ad. Wm. Christiansen. Drilled domestic water-table well in sand and gravel of Pleistocene age, diameter 3 inches, depth 77 feet. Highest water level 40.30, May 24, 1950; lowest water level 45.15, Oct. 31, 1942. Records available: 1935-42, 1948-51, 1953, 1955-56. Apr. 17, 44.97.

17-7-1ad. Anderson. Drilled domestic water-table well in sand of Pleistocene age, diameter 4 inches, depth 58 feet. Highest water level 36.54, Nov. 5, 1951; lowest water level 41.56, Nov. 1, 1949. Records available: 1949-56. Apr. 17, 38.94.

18-4-19ab. Homer Peterson. Drilled stock water-table well in sand of Pleistocene age, diameter 4 inches, depth 42 feet. Highest water level 6.05, July 25, 1950; lowest water level 16.48, Apr. 18, 1956. Records available: 1948-56. Apr. 18, 16.48.

# Nuckolls County

1-5-31cb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 23 feet. Highest water level 15.27, May 1, 1952; lowest water level 20.43, Nov. 2, 1948. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 14	17.50	May 23	17.79	Sept. 26	18.20	Dec. 13	17.95
Apr. 24	17.91	July 25	17.97				

1-7-32bb. U. S. Bureau of Reclamation. Drilled and jetted observation water-table well in sand, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,576.90 feet above msl. Highest water level .09, June 26, 1951; lowest water level 6.68, Sept. 26, 1956. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 15	5.01	May 24	5.60	Sept. 26	6.68	Dec. 18	6.30
Apr. 25	5.58	July 26	5.88				

1-8-7dd. U. S. Geol. Survey. Drilled observation water-table well in loess of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level .22, Mar. 13, 1952; lowest water level 7.08, Sept. 19, 1955. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 14	4.65	May 23	5.36	Sept. 25	6.85	Dec. 13	6.29
Apr. 24	4.78	July 24	5.10				

\*1-8-23ab. U. S. Geol. Survey. Drilled observation water-table well in silt, loess, and clay of Pleistocene age, diameter 8 inches, depth 18 feet. Land-surface datum is 1,598.45 feet above msl. Highest water level .02, July 29, 1951; lowest water level 7.91, July 8 and 9, 1950. Records available: 1949-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	5.34	Apr. 30	5.63	July 31	4.58	Oct. 31	4.88
Feb. 29	5.24	May 31	5.58	Aug. 31	3.64	Nov. 30	5.10
Mar. 31	5.30	June 30	5.10	Sept. 30	4.88		

\*Recording gage.



## Nuckolls County--Continued

4-7-26aa. W. N. Statz. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 72 feet. Highest water level 50.54, Mar. 1, 1954; lowest water level 56.55, Dec. 31, 1946. Records available: 1935-41, 1946, 1954-56. Dec. 5, 51.46.

## Otoe County

A8-10-3bb. U. S. Geol. Survey. Driven observation water-table well in valley fill silt, diameter 1 1/4 inches, depth 22 feet. Highest water level 1.20, June 25, 1947; lowest water level 10.99, Oct. 14, 1936. Records available: 1934-37, 1940-42, 1944, 1946-47, 1953-56. Nov. 30, 9.06.

A8-11-7cc. Will J. Gellerman. Dug domestic water-table well in alluvium, diameter 24 inches, depth 20 feet. Highest water level 1.30, June 25, 1947; lowest water level 14.38, Nov. 30, 1956. Records available: 1934-42, 1944, 1946-47, 1953-56. Nov. 30, 14.38.

## Pawnee County

A2-11-8ad. Norbert Puhalla. Driven observation water-table well in valley fill, diameter 1 1/4 inches, depth 23 feet. Highest water level 2.46, Mar. 1, 1955; lowest water level 11.36, Dec. 18, 1956. Records available: 1940-42, 1944, 1946, 1954-56. Dec. 18, 11.36.

## Perkins County

11-39-35ddd. August Lagler. Drilled unused water-table well in gravel of Ogallala formation, diameter 3 inches, depth 199 feet. Highest water level ~~99.72, Apr. 29, 1935~~ <sup>138.72, Apr. 29, 1935</sup>; lowest water level ~~155.65, Sept. 15, 1952~~ <sup>162.18, Sept. 15, 1952</sup>. Records available: 1934-42, 1952-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 2	154.03	Sept. 15	154.41	Nov. 30	154.44	Dec. 31	154.51
20	153.98						

Phelps County

5-18-2cc. C. M. Brown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 185 feet. Land-surface datum is 2,326.84 feet above msl. Highest water level 154.93, Dec. 21, 1954; lowest water level 159.81, Sept. 8, 1948. Records available: 1947-51, 1954-56. Dec. 11, 158.81.

5-19-22da. Warp. Drilled unused water-table well in sand of Pleistocene age, diameter 12 inches, depth 246 feet. Land-surface datum is 2,378.81 feet above msl. Recorder removed from well Jan. 20, 1956. Highest water level 201.41, July 25, 1955; lowest water level 204.64, Sept. 13, 1949. Records available: 1947-56. Dec. 6, 201.94.

5-20-16dc. Alvin Rademaker. Drilled unused water-table well in sand of Pleistocene age, diameter 5 inches, depth 45 feet. Land-surface datum is 2,270.56 feet above msl. Highest water level 35.87, Dec. 6, 1956; lowest water level 39.95, July 22, 1948. Records available: 1948-56. Dec. 6, 35.87.

6-17-15ad. Carl Rumste. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 170 feet. Land-surface datum is 2,253.60 feet above msl. Highest water level 67.89, Dec. 6, 1956; lowest water level 90.08, Aug. 6, 1947. Records available: 1947-52, 1954-56. Dec. 6, 67.89.

6-19-2aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 151 feet. Land-surface datum is 2,360.81 feet above msl. Highest water level 84.10, Dec. 29, 1955; lowest water level 123.70, Mar. 9, 1945. Records available: 1945-56. Dec. 6, 80.89.

6-19-21dc. Robert Bushnell. Drilled unused water-table well in sand of Pleistocene age, diameter 4 inches, depth 165 feet. Land-surface datum is 2,375.99 feet above msl. Highest water level 135.98, Dec. 6, 1956; lowest water level 152.60, Sept. 26, 1950. Records available: 1948-56. Dec. 6, 135.98.

7-18-3cc. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand of Pleistocene age, diameter 4 inches, depth 85 feet. Land-surface datum is 2,314.29 feet above msl. Highest water level 56.91, Aug. 16, 1951; lowest water level 80.85, May 15, 1948. Records available: 1948-56. Dec. 6, 64.26.

Phelps County--Continued

7-18-35ab. Alfred L. Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 123 feet. Land-surface datum is 2,281.53 feet above msl. Highest water level 49.96, Dec. 6, 1956; lowest water level 72.74, May 12, 1948. Records available: 1948-56. Dec. 6, 49.96.

7-20-28dc. Albert Dahlgren. Drilled unused water-table well in sand of Pleistocene age, diameter 3 inches, depth 172 feet. Land-surface datum is 2,450.14 feet above msl. Highest water level 138.88, Dec. 6, 1956; lowest water level 171.72, Nov. 15, 1934. Records available: 1934-36, 1948-56. Dec. 6, 138.88.

8-17-24bc. F. R. Skiles. Drilled irrigation water-table well in gravel of Pleistocene age, diameter 24 inches, depth 43 feet. Land-surface datum is 2,187.39 feet above msl. Highest water level 7.60, July 8, 1949; lowest water level 12.23, Oct. 27, 1940. Records available: 1930-53, 1955-56. Dec. 6, 10.21.

8-18-16cc. Gus A. Nelson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 38 feet. Land-surface datum is 2,251.87 feet above msl. Highest water level 5.91, May 22, 1952; lowest water level 9.26, Aug. 9, 1946. Records available: 1946-56. June 1, 7.36; Dec. 6, 7.77.

8-19-18aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand of Pleistocene age, diameter 2 inches, depth 9 feet. Highest water level 1.24, Mar. 12, 1949; lowest water level 3.52, July 7, 1950. Records available: 1949-56. Dec. 6, 3.26.

8-19-33cc. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand of Pleistocene age, diameter 4 inches, depth 117 feet. Land-surface datum is 2,350.97 feet above msl. Highest water level 31.56, Dec. 6, 1956; lowest water level 51.70, May 10, 1948. Records available: 1948-56. Dec. 6, 31.56.

8-20-8cd. Mrs. A. D. Matson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 48 feet. Land-surface datum is 2,337.85 feet above msl. Highest water level 3.97, Sept. 11, 1950; lowest water level 8.90, Aug. 9, 1946. Records available: 1946-56. Dec. 6, 7.55.

## Pierce County

27-3-33ad. Village of Foster. Drilled domestic water-table well in sand and gravel, diameter 4 inches, depth 45 feet. Highest water level 1.50, June 4, 1935; lowest water level 4.75, Aug. 23, 1934. Records available: 1934-42, 1946, 1953, 1955-56. Nov. 14, 4.35.

## Platte County

A17-1-25aa. Loup River Public Power District. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 22 feet. Land-surface datum is 1,412.4 feet above msl. Highest water level 5.10, Aug. 20, 1945; lowest water level 10.99, Nov. 28, 1956. Records available: 1935-53, 1956. Nov. 28, 10.99.

A17-1-29da. Loup River Public Power District. Driven observation water-table well in sand, diameter 1 1/4 inches, depth 21 feet. Land-surface datum is 1,432.3 feet above msl. Highest water level 6.90, July 3, 1944; lowest water level 12.72, Nov. 28, 1956. Records available: 1935-40, 1942-44, 1946-53, 1956. Nov. 28, 12.72.

A18-1-28cd. Loup River Public Power District. Drilled observation water-table well in sand of Pleistocene age, diameter 2 inches, depth 99 feet. Land-surface datum is 1,511.8 feet above msl. Highest water level 60.30, Mar. 27 and Apr. 24, 1940; lowest water level 71.89, Nov. 28, 1956. Records available: 1935-40, 1942-53, 1956. Nov. 28, 71.89.

16-2-9cc. John F. Nyffeler. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 38 feet. Land-surface datum is 1,508.17 feet above msl. Highest water level .39, Apr. 15, 1949; lowest water level 5.13, Nov. 28, 1956. Records available: 1946-56. Nov. 28, 5.13.

16-2-12ab. Herman Ernst. Driven domestic water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 17 feet. Land-surface datum is 1,488.63 feet above msl. Highest water level 6.24, Apr. 15, 1949; lowest water level 12.68, Nov. 28, 1956. Records available: 1934-42, 1944-56. Nov. 28, 12.68.

17-1-14cc. Loup River Public Power District. Driven observation water-table well in sand and gravel, diameter 1 1/4 inches, depth 20 feet. Land-surface datum is 1,464.2 feet above msl. Highest water level 9.06, July 7, 1947; lowest water level 11.50, Sept. 10, 1940. Records available: 1935-40, 1942-51, 1956. Nov. 28, 11.41.

## Platte County--Continued

17-1-34dc. J. C. Ernst. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 65 feet. Land-surface datum is 1,458.86 feet above msl. Highest water level 6.29, July 7, 1947; lowest water level 12.28, Nov. 28, 1956. Records available: 1945-56. Nov. 28, 12.28.

17-3-23ad. Jack Horner. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 48 feet. Highest water level 12.17, May 12, 1954; lowest water level 19.26, Nov. 28, 1956. Records available: 1947-52, 1954-56. Nov. 28, 19.26.

## Polk County

13-1-10db. White. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 182 feet. Highest water level 91.70, Oct. 18, 1949; lowest water level 94.37, Nov. 29, 1956. Records available: 1949, 1956. Nov. 29, 94.37.

13-4-34cc. U. S. Geol. Survey. Driven observation water-table well in clay and sand, diameter 1 inch, depth 24 feet. Land-surface datum is 1,671.63 feet above msl. Highest water level 5.73, Apr. 27, 1949; lowest water level 14.21, Nov. 29, 1956. Records available: 1937-41, 1944, 1946, 1948-50, 1956. Nov. 29, 14.21.

14-2-12cc. Albert Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 22 inches, depth 190 feet. Land-surface datum is 1,657.95 feet above msl. Highest water level 108.65, Apr. 27, 1949; lowest water level 115.54, Nov. 29, 1956. Records available: 1948-50, 1955-56. Nov. 29, 115.54.

14-4-4da. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,607.02 feet above msl. Highest water level 4.93, Mar. 31, 1952; lowest water level 9.02, Nov. 28, 1956. Records available: 1949-53, 1956. Nov. 28, 9.02.

15-2-4dc. Owner unknown. Drilled irrigation water-table well in fine sand, diameter 18 inches, depth 51 feet. Land-surface datum is 1,521.13 feet above msl. Highest water level 3.36, Apr. 19, 1949; lowest water level 9.49, Nov. 28, 1956. Records available: 1946-53, 1956. Nov. 28, 9.49.



## Polk County--Continued

15-3-20cc. Ray Norris. Drilled irrigation water-table well in sand of Pleistocene age, diameter 12 inches, depth 21 feet. Land-surface datum is 1,582.83 feet above msl. Highest water level 4.31, Apr. 20, 1949; lowest water level 9.33, Sept. 22, 1953. Records available: 1946-56. Nov. 28, 9.15.

15-3-23dc. U. S. Geol. Survey. Driven observation water-table well in clay and gravel, depth 14 feet. Highest water level 4.88, Mar. 7, 1949; lowest water level dry at 13.55, Nov. 28, 1956. Records available: 1947-53, 1956. Nov. 28, dry at 13.55.

15-4-35cd. C. O. Carlson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 80 feet. Land-surface datum is 1,612.41 feet above msl. Highest water level 18.45, July 7, 1947 and July 12, 1949; lowest water level 22.79, Nov. 28, 1956. Records available: 1946-53, 1956. Nov. 28, 22.79.

16-1-21dc. Lee Hegi. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 48 feet. Land-surface datum is 1,474.29 feet above msl. Highest water level 4.29, Apr. 29, 1949; lowest water level 8.46, Nov. 28, 1956. Records available: 1947-50, 1956. Nov. 28, 8.46.

16-1-36cd. Hazel Bugham. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 108 feet. Land-surface datum is 1,493.66 feet above msl. Highest water level 19.32, July 7, 1947; lowest water level 25.75, Nov. 28, 1956. Records available: 1946-53, 1956. Nov. 28, 25.75.

16-2-23dc. Rudolph Nitsch. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 40 feet. Land-surface datum is 1,498.28 feet above msl. Highest water level 5.92, July 7, 1947; lowest water level 10.40, Dec. 11, 1955. Records available: 1946-56. Nov. 28, 9.71.

## Redwillow County

\*2-29-4ad. Rex S. Haberman. Drilled unused water-table well in sand of Pleistocene age, diameter 26 inches, depth 40 feet. Highest water level 27.58, May 27 through 31, and June 1 and 2, 1952; lowest water level 37.10, July 11, 1953. Records available: 1950-56.

\*Recording gage.

Redwillow County--Continued

**\*2-29-4ad--Continued.**

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	33.42	Apr. 30	32.84	July 31	35.57	Oct. 31	35.10
Feb. 29	33.12	May 31	32.75	Aug. 31	36.83	Nov. 30	34.48
Mar. 31	32.90	June 30	33.74	Sept. 30	35.86	Dec. 31	34.02

3-27-17cb. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 16 feet. Land-surface datum is 2,366.88 feet above msl. Highest water level 8.27, Oct. 10, 1951; lowest water level 11.56, July 16, 1954. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 19	9.30	May 15	9.70	July 17	9.68	Oct. 10	10.46
Mar. 20	9.39	June 18	9.98	Aug. 15	10.02	Nov. 19	9.95

\*3-28-20bb2. Leo D. England. Drilled irrigation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 36 feet. Highest water level 5.53, Sept. 9 and 10, 1951; lowest water level 9.70, Oct. 15 and 20, 1956. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	7.95	Apr. 30	7.69	July 31	9.18	Oct. 31	9.62
Feb. 29	7.72	May 31	8.40	Aug. 31	9.33	Nov. 30	9.23
Mar. 31	7.60	June 30	8.91	Sept. 30	9.65	Dec. 31	8.94

3-29-32db. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 20 feet. Highest water level 4.54, Aug. 13, 1950; lowest water level 9.54, Aug. 13, 1954. Records available: 1940-44, 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 21	7.24	May 16	8.50	July 31	7.70	Oct. 10	8.55
Mar. 20	7.42	June 26	8.10				

\*Recording gage.

Redwillow County--Continued

3-30-29aa. U. S. Geol. Survey. Drilled observation water-table well in sand, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 2,512 feet above msl. Highest water level 1.81, May 5, 1952; lowest water level 6.43, Oct. 10, 1956. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 21	4.06	May 14	4.23	June 26	5.25	Oct. 10	6.43
Mar. 20	3.85						

Richardson County

A1-14-11cb. S. A. Miles. Driven stock water-table well in alluvial gravel of Pleistocene age, diameter 6 inches, depth 40 feet. Highest water level 4.83, May 19, 1936; lowest water level dry, Dec. 23, 1946. Records available: 1936-44, 1946, 1955-56. Dec. 18, 10.35.

A1-15-12dd. U. S. Geol. Survey. Driven observation water-table well in sand, diameter 3 inches, depth 17 feet. Land-surface datum is 897.05 feet above msl. Highest water level 1.28, Dec. 23, 1946; lowest water level 7.61, Aug. 19, 1940. Records available: 1936-44, 1946, 1953, 1955-56. Dec. 18, 4.94.

A1-17-16bb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diameter 1 inch, depth 40 feet. Land-surface datum is 873.59 feet above msl. Highest water level 6.10, May 19, 1936; lowest water level 20.12, Oct. 29, 1940. Records available: 1934-41, 1944, 1953-56. Dec. 18, 16.54.

A2-13-4cd. U. S. Geol. Survey. Driven observation water-table well in alluvium, diameter 3 inches, depth 19 feet. Land-surface datum is 980.29 feet above msl. Highest water level 3.16, Mar. 1, 1955; lowest water level 13.92, Dec. 18, 1956. Records available: 1936-42, 1944, 1946, 1953-56. Dec. 18, 13.92.

A2-14-27ab. W. L. Hogue. Dug domestic and stock water-table well in Pennsylvanian bedrock, diameter 24 inches, depth 35 feet. Highest water level 21.27, May 19, 1936; lowest water level 32.47, Dec. 18, 1956. Records available: 1934-44, 1946, 1953-56. Dec. 18, 32.47.

### Rock County

30-17-8db. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 15 feet. Land-surface datum is 2,235.70 feet above msl. Highest water level .50, Mar. 24, 1951; lowest water level 5.12, Nov. 22, 1935. Records available: 1934-56. Mar. 15, 3.08; May 23, 3.04; Oct. 30, 4.65.

30-19-10aa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 15 feet. Land-surface datum is 2,304.89 feet above msl. Highest water level .91 feet above lsd, Feb. 28, 1952; lowest water level 4.23, July 19, 1940. Records available: 1940, 1944-56. Mar. 15, 1.83; May 23, 1.76; Oct. 30, 3.70.

### Saline County

A7-3-30ad. Adolph Kohout. Driven unused water-table well in glacial drift, diameter 8 inches, depth 67 feet. Highest water level 34.01, Dec. 16, 1953; lowest water level 52.88, Oct. 16, 1940. Records available: 1935-42, 1944, 1946, 1953, 1955-56. Dec. 10, 41.30.

### Sarpy County

A14-12-26cc. Mrs. S. W. Arbuthnot. Dug and drilled unused water-table well in glacial drift, diameter 36 inches, depth 48 feet. Highest water level 24.16, Dec. 26, 1946; lowest water level 40.24, Oct. 8, 1941. Records available: 1934-42, 1946, 1953-56. Nov. 30, 32.60.

### Saunders County

A13-9-11dd. City of Lincoln. Driven observation water-table well in sand and gravel, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,071.69 feet above msl. Highest water level 1.60, Mar. 17, 1936; lowest water level 9.24, Nov. 18, 1939. Records available: 1934-42, 1944, 1946, 1953-56. Sept. 20, 6.62; Nov. 29, 6.79.

Saunders County--Continued

A13-9-24cc. City of Lincoln. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,065.22 feet above msl. Highest water level 8.48, July 31, 1948; lowest water level 8.49, Sept. 25, 1955. Records available: 1933-56.

Date	Water level	Date	Water level	Date	Water level*	Date	Water level
Jan. 25	6.83	Apr. 25	6.02	July 25	7.72	Nov. 29	7.75
Feb. 25	6.57	May 25	6.52	Oct. 25	8.22	Dec. 25	6.92
Mar. 25	6.17	June 25	7.19	Nov. 25	7.66		

A13-9-24dc. City of Lincoln. Driven observation water-table well in sand and gravel, diameter 1 1/4 inches. Land-surface datum is 1,067.19 feet above msl. Highest water level 4.74, Mar. 19, 1940; lowest water level 17.29, Oct. 24, 1955. Records available: 1934-42, 1944, 1946, 1953-56. Nov. 29, 16.09.

\*A13-10-30ad. City of Lincoln. Drilled observation water-table well in gravel of Pleistocene age, diameter 8 inches, depth 20 feet. Land-surface datum is 1,066.01 feet above msl. Highest water level 3.97, May 12, 1953; lowest water level 11.70, Sept. 2, 3, and 4, 1955. Records available: 1950-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	8.42	Apr. 30	9.10	July 31	10.43	Oct. 31	10.22
Feb. 29	7.91	May 31	9.49	Aug. 31	10.25	Nov. 30	9.95
Mar. 31	8.87	June 30	9.06	Sept. 30	10.45	Dec. 31	9.54

A14-5-35cd. U. S. Geol. Survey. Driven observation water-table well in glacial drift, diameter 1 1/4 inches, depth 26 feet. Highest water level 2.50, Dec. 30, 1946; lowest water level 14.49, Oct. 15, 1940. Records available: 1935-42, 1944, 1946, 1953-56. Nov. 29, 9.56.

A-17-5-23bc. U. S. Geological Survey. Driven observation water-table well, diameter 1 1/4 inches, depth 12 feet. Highest water level 3.67, May 2, 1951; lowest water level 7.11, Oct. 24, 1955. Records available: 1950-56. Nov. 29, 6.83.

\*Recording gage.



### Scotts Bluff County

22-54-32ab. B. J. Pieper. Drilled irrigation water-table well in coarse gravel of Pleistocene age, diameter 24 inches, depth 45 feet. Highest water level 7.59, Aug. 28, 1937; lowest water level 10.98, Apr. 5, 1938. Records available: 1937-38, 1945, 1951, 1953-56. Oct. 11, 9.26.

22-56-4dd. U. S. Geol. Survey. Drilled observation water-table well in re-worked Brule formation, diameter 1 inch, depth 20 feet. Highest water level 2.01, Sept. 20, 1953; lowest water level 8.45, Apr. 7, 1937. Records available: 1936-37, 1939-42, 1944-45, 1953-56. Oct. 11, 5.01.

23-56-6aa. Carl Gompert. Drilled irrigation water-table well in alluvium of Quaternary age, diameter 18 inches. Land-surface datum is 4,087.7 feet above msl. Highest water level 29.24, Oct. 26, 1949; lowest water level 40.53, Oct. 11, 1956. Records available: 1948-56. Oct. 11, 40.53.

23-56-28ad. U. S. Geol. Survey. Drilled observation water-table well in terrace gravels of Pleistocene age, diameter 1 inch, depth 18 feet. Highest water level 8.69, Nov. 8, 1940; lowest water level 9.90, Apr. 16, 1951. Records available: 1936-42, 1944-45, 1951, 1953-56. Oct. 11, 9.77.

23-57-5bb. Andrew Oleson. Drilled unused water-table well in siltstone of Oligocene age, diameter 4 inches, depth 142 feet. Land-surface datum is 4,111.5 feet above msl. Highest water level 18.76, Nov. 9, 1955; lowest water level 25.73, May 1, 1950. Records available: 1948-56. Oct. 11, 20.35.

### Seward County

All-2-23cc. August Rolfmeier. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 127 feet. Highest water level 76.98, Apr. 23, 1952; lowest water level 82.23, Oct. 25, 1956. Records available: 1948-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 7	77.95	July 3	79.49	Oct. 25	82.23	Dec. 3	81.09
Apr. 6	77.93						

## Sheridan County

24-41-34da. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 13 feet. Highest water level 5.52, June 8, 1935; lowest water level 9.37, Oct. 21, 1941. Records available: 1934-42, 1944-56. Mar. 12, 7.52.

24-42-27ba. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 18 feet. Highest water level 12.19, Apr. 4, 1946; lowest water level 13.45, Apr. 17, 1951. Records available: 1946-56. Mar. 12, 13.10.

24-43-15da. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 21 feet. Highest water level 5.66, June 8, 1949; lowest water level 8.08, Nov. 4, 1940. Records available: 1940-42, 1944-56. Mar. 12, 6.86.

24-44-14da. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 11 feet. Highest water level 3.71, Sept. 5, 1951; lowest water level 6.18, Aug. 15, 1946. Records available: 1946-56. Mar. 12, 4.47.

24-44-18bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level 3.80, May 11, 1949; lowest water level 6.08, Oct. 17, 1955. Records available: 1946-56. Mar. 12, 5.67.

24-45-8dd. U. S. Geol. Survey. Driven observation water-table well in dune sand, diameter 1 inch, depth 12 feet. Highest water level .88, Sept. 5, 1951; lowest water level 4.65, July 22, 1940. Records available: 1935-42, 1946-56. Mar. 12, 2.14.

24-46-10cb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level 2.26, Apr. 4, 1946; lowest water level 7.35, Aug. 15, 1946. Records available: 1946-56. Mar. 12, 6.94.

25-45-32ad. J. Herrian. Drilled unused water-table well in sand of Pleistocene age, diameter 4 inches, depth 106 feet. Highest water level 31.50, July 15-16, 1949; lowest water level 34.10, Sept. 20, 1954. Records available: 1946-56. Mar. 12, 33.10.

29-46-4dc. George Glenn. Drilled unused water-table well in sandstone of Marsland formation, diameter 6 inches, depth 111 feet. Highest water level 55.45, Oct. 18, 1955; lowest water level 61.34, May 2, 1950. Records available: 1950-56. Mar. 13, 56.18; Oct. 12, 57.87.

## Sheridan County--Continued

\*29-46-10aa. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 6 inches, depth 100 feet. Highest water level 37.39, Nov. 10, 1955; lowest water level 38.95, May 29, 1954. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	37.76	Apr. 30	38.02	July 31	38.19	Nov. 30	38.20
Feb. 29	37.85	May 31	38.18	Aug. 31	38.10	Dec. 31	38.31
Mar. 31	37.80	June 30	38.19	Oct. 31	38.12		

29-46-11dcc. Andrew Young. Drilled domestic water-table well in ssnd of Pleistocene age, diameter 6 inches. Highest water level 37.30, Oct. 17, 1955; lowest water level 42.50, May 3, 1950. Records available: 1950-56. Mar. 13, 37.62.

29-46-24ad1. Kenneth Pyle. Drilled unused water-table well in sandstone of Marsland formation, diameter 6 inches, depth 95 feet. Highest water level 61.81, Sept. 18, 1954; lowest water level 64.46, July 19, 1950. Records available: 1950-52, 1954, 1956. Mar. 13, 62.06.

31-44-10dd. U. S. Geol. Survey. Driven observation water-table well in sand and gravel of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level .24, June 25, 1952; lowest water level 5.24, Sept. 12, 1936. Records available: 1935-42, 1944-47, 1951-56. Mar. 13, .96.

31-46-8ad. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 15 feet. Highest water level 2.09, Jan. 29, 1952; lowest water level 6.20, Nov. 1, 1940. Records available: 1936-42, 1944-47, 1951-56. Mar. 13, 2.24.

## Sherman County

14-16-23bb. Henry Franssen. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 123 feet. Land-surface datum is 2,159.36 feet above msl. Highest water level 39.15, Sept. 19, 1951; lowest water level 42.27, June 6, 1956. Records available: 1950-56. June 6, 42.27.

\*Recording gage.

### Stanton County

A22-2-8dd. Carroll. Drilled irrigation well, diameter 16 inches, depth 72 feet. Highest water level 38.15, Apr. 6, 1950; lowest water level 38.86, Nov. 13, 1956. Records available: 1950, 1956. Nov. 13, 38.86.

A23-3-7bc. E. Spence. Drilled irrigation water-table well in sand of Pleistocene age, diameter 16 inches, depth 48 feet. Highest water level 9.62, Nov. 7, 1951; lowest water level 17.17, Nov. 13, 1956. Records available: 1950-56. Nov. 13, 17.17.

A23-3-11bb. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 13 feet. Highest water level 2.60, May 28, 1951; lowest water level 6.51, Oct. 27, 1936. Records available: 1936-40, 1942, 1946, 1948, 1950-56. Nov. 13, 5.96.

A23-3-19bc. Shultz. Drilled irrigation water-table well in sand of Pleistocene age, diameter 16 inches, depth 50 feet. Highest water level 25.98, May 28, 1951; lowest water level 30.92, Nov. 13, 1956. Records available: 1951-56. Nov. 13, 30.92.

### Thayer County

3-2-3lad. H. G. Eggert. Drilled unused water-table well in Grand Island or Holdrege formation, diameter 6 inches, depth 107 feet. Highest water level 101.59, Dec. 14, 1953; lowest water level 105.93, Nov. 1, 1941. Records available: 1934-41, 1944, 1946, 1953, 1955-56. Dec. 7, 105.84.

\*4-1-9bac. State of Nebraska. Drilled observation water-table well in sand of Pleistocene age, diameter 8 inches, depth 95 feet. Highest water level 87.83, Sept. 28, 1953; lowest water level 89.48, July 25, 1956. Records available: 1953-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25	88.41	Apr. 30	88.53	July 31	89.00	Oct. 31	89.09
Feb. 29	88.37	May 31	88.63	Aug. 31	89.25	Nov. 30	89.09
Mar. 31	88.36	June 30	88.67	Sept. 30	89.10	Dec. 31	89.11

\*Recording gage.

### Thomas County

23-28-9da. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 15 feet. Highest water level 9.15, June 19, 1954; lowest water level 10.98, July 23, 1940. Records available: 1934-40, 1942, 1944-50, 1953-56. Mar. 12, 9.15; Nov. 1, 9.28.

24-30-20ab. U. S. Geol. Survey. Drilled observation water-table well in fine sand of Pleistocene age, diameter 1 inch, depth 13 feet. Highest water level 1.57, Spet. 4, 1951; lowest water level 3.12, Apr. 26, 1946. Records available: 1934-42, 1944-56. Mar. 12, 2.11.

### Thurston County

A25-6-26dc. S. M. French. Driven stock water-table well in alluvial sand, diameter 1 1/4 inches, depth 23 feet. Highest water level 4.66, Dec. 29, 1954; lowest water level 15.50, Nov. 27, 1956. Records available: 1934-36, 1940-42, 1947, 1954-56. Nov. 27, 15.50.

A26-8-13bc. D. L. Leap. Dug stock water-table well in glacial drift, diameter 36 inches, depth 15 feet. Highest water level 8.62, Nov. 17, 1955; lowest water level 13.49, Oct. 13, 1938. Records available: 1934-40, 1942, 1946-47, 1955-56. Nov. 27, 9.01.

### Valley County

\*17-16-26dc. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 12 inches, depth 11 feet. Land-surface datum is 2,152.40 feet above msl. Highest water level 2.70, Apr. 1, 1949; lowest water level 6.83, Dec. 26, 1946. Records available: 1943-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 29	4.29	May 31	5.10	July 31	6.44	Sept. 30	6.42
Mar. 31	4.66	June 30	5.54	Aug. 31	6.34	Oct. 5	6.63

18-13-2ac. Stanley Rutar. Drilled irrigation water-table well in gravel, mixed sandstone, sand, and clay, diameter 18 inches, depth 100 feet. Highest water level 9.60, Sept. 30, 1948; lowest water level 16.57, Aug. 21, 1956. Records available: 1948-51, 1956. Aug. 21, 16.57.



Valley County--Continued

18-13-23dd. W. T. Hutchins. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 83 feet. Highest water level 8.70, Aug. 3, 1949; lowest water level 23.37, Oct. 12, 1937. Records available: 1934-42, 1948-52, 1954-56. Aug. 21, 13.18.

18-15-11ba. William Hanson. Drilled irrigation water-table well in gravel, diameter 18 inches, depth 150 feet. Land-surface datum is 2,155.5 feet above msl. Highest water level 31.35, Sept. 19, 1951; lowest water level 38.02, Aug. 9, 1956. Records available: 1950-51, 1956. Aug. 9, 38.02.

18-15-12bb. Emil Kokes. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 121 feet. Highest water level 28.26, Apr. 29, 1949; lowest water level 32.00, Oct. 1, 1948. Records available: 1948-51, 1956. Aug. 9, 30.84.

18-16-30cc. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,217.61 feet above msl. Highest water level 3.75, Sept. 17, 1951; lowest water level 5.64, June 20, 1956. Records available: 1949-56. June 20, 5.64.

19-13-26cd. Neola Shoemaker. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 55 feet. Highest water level 8.96, Sept. 18, 1951; lowest water level 11.72, Aug. 20, 1956. Records available: 1951, 1956. Aug. 20, 11.72.

19-13-28bb. Wm. Peterson. Drilled irrigation water-table well in sand and sandstone of Tertiary age, diameter 18 inches, depth 98 feet. Highest water level 12.29, Apr. 29, 1949; lowest water level 14.79, Aug. 13, 1954. Records available: 1948-56. Aug. 20, 14.03.

19-13-31db. Owner unknown. Jetted observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 123 feet. Highest water level 54.46, Sept. 19, 1951; lowest water level 55.26, Aug. 17, 1956. Records available: 1950-51, 1956. Aug. 17, 55.26.

19-13-33cc. I. D. Fish. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 119 feet. Highest water level 32.75, Nov. 1, 1950; lowest water level 35.76, July 22, 1952. Records available: 1948-53, 1956. Aug. 17, 33.15.

19-14-5cc. Ed Zikmund. Drilled unused water-table well in gravel, diameter 24 inches. Highest water level 21.85, Aug. 9, 1956; lowest water level 22.41, Jan. 5, 1951. Records available: 1950-51, 1956. Aug. 9, 21.85.

## Valley County--Continued

19-14-6dc. Chas. Verzal. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 24 inches, depth 97 feet. Land-surface datum is 2,085.4 feet above msl. Highest water level 27.21, Sept. 20, 1949; lowest water level 37.90, Aug. 10, 1934. Records available: 1934-42, 1948-51, 1954-56. Aug. 29, 29.69.

19-14-13da. Wm. Sack. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 134 feet. Highest water level 20.53, Sept. 30, 1948; lowest water level 23.93, Apr. 26, 1951. Records available: 1948-53, 1956. Aug. 16, 23.22.

19-14-15da. Victor Kerchal. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 96 feet. Highest water level 4.43, June 30, 1948; lowest water level 6.73, Aug. 16, 1956. Records available: 1948-51, 1956. Aug. 16, 6.73.

19-14-36bb. Edward Penas. Drilled irrigation water-table well in gravel, sandstone, sand, and clay, diameter 18 inches, depth 155 feet. Highest water level 28.51, June 30, 1949; lowest water level 34.22, Aug. 21, 1956. Records available: 1948-51, 1956. Aug. 21, 34.22.

20-15-29aa. Louie Greenwoldt. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 130 feet. Highest water level 65.93, Apr. 17, 1952; lowest water level 68.93, Aug. 18, 1956. Records available: 1950-52, 1956. Aug. 18, 68.93.

20-15-34aa. Joe Michalski. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 122 feet. Highest water level 55.15, Jan. 4, 1950; lowest water level 61.13, Aug. 10, 1956. Records available: 1948-51, 1956. Aug. 10, 61.13.

20-15-35ba. Stanley Golka Estate. Drilled irrigation water-table well in gravel, diameter 18 inches, depth 134 feet. Highest water level 57.76, June 15, 1950; lowest water level 63.30, Aug. 9, 1956. Records available: 1950-53, 1956. Aug. 9, 63.30.

## Washington County

A17-11-5da. August Matzen. Dug stock water-table well in sand and clay, diameter 40 inches, depth 14 feet. Highest water level 4.63, Oct. 27, 1944; lowest water level 10.52, Dec. 18, 1935. Records available: 1934-42, 1944, 1946, 1955-56. Nov. 27, 10.20.

Washington County--Continued

A18-11-3aa. Ed A. Jensen. Dug water-table well in alluvium, diameter 40 inches, depth 36 feet. Highest water level 19.10, June 24, 1947; lowest water level 30.91, Oct. 18, 1940. Records available: 1934-42, 1944, 1946-47, 1955-56. Nov. 27, 25.25.

Wayne County

A27-1-36dd. E. D. Jenkins. Driven stock water-table well in alluvium, diameter 26 inches, depth 30 feet. Highest water level 7.25, May 16, 1952; lowest water level 14.90, Nov. 14, 1956. Records available: 1950-56. Nov. 14, 14.90.

Webster County

1-9-9cc. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Highest water level 3.17, June 20, 1949; lowest water level 8.54, Feb. 4, 1949. Records available: 1947-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 16	8.35	May 24	6.73	Sept. 27	7.20	Dec. 19	7.95
Apr. 25	8.15						

\*1-11-11ab. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand of Pleistocene age, diameter 8 inches, depth 17 feet. Land-surface datum is 1,684.9 feet above msl. Highest water level 1.34, July 11 and 12, 1951; lowest water level 10.45, Dec. 31, 1956. Records available: 1946-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31	10.10	Apr. 30	10.18	July 31	7.97	Oct. 31	10.03
Feb. 29	10.14	May 31	10.32	Aug. 31	8.60	Nov. 30	10.25
Mar. 31	10.16	June 30	10.10	Sept. 30	9.53	Dec. 31	10.45

\*Recording gage.

### Webster County--Continued

1-12-2bb. U. S. Geol. Survey. Drilled observation water-table well in black soil, diameter 1 1/4 inches, depth 12 feet. Land-surface datum is 1,723.57 feet above msl. Highest water level .94, June 21, 1949; lowest water level 8.45, Dec. 14, 1956. Records available: 1946-56. Feb. 28, 6.90; Dec. 14, 8.45.

2-10-36db. Henry J. Somerhalder. Dug irrigation water-table well in sand and gravel of Pleistocene age, diameter 40 inches, depth 35 feet, cribbed with wood. Highest water level, 25.65, June 22, 1935; lowest water level 28.08, Oct. 3, 1956. Records available: 1934-40, 1942, 1946-56. July 13, 27.28; Oct. 3, 28.08.

3-10-34cb. Judge R. E. Adams. Drilled observation water-table well in sand and gravel of Pleistocene age, diameter 6 inches, depth 40 feet. Land-surface datum is 1,792.14 feet above msl. Highest water level 34.43, Feb. 13, 1946; lowest water level 37.14, Aug. 1, 1940. Records available: 1934-42, 1946, 1955-56. Dec. 5, 35.79.

### Wheeler County

23-11-12bb. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 16 feet. Highest water level .91, June 4, 1954; lowest water level 5.90, Oct. 29, 1956. Records available: 1935-42, 1954-56. Mar. 15, 3.36; May 23, 3.27; Oct. 29, 5.90.

### York County

11-1-35bb. Wilbur Schlechte. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 283 feet. Highest water level 103.96, Feb. 7, 1956; lowest water level 105.40, Oct. 14, 1948. Records available: 1948-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 7	103.96	July 3	105.22	Oct. 25	104.88	Dec. 3	104.61
Apr. 6	104.09						

# York County--Continued

11-3-32dd. Wesley C. Moore. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 113 feet. Highest water level 61.70, Feb. 23, 1955; lowest water level 64.62, Dec. 3, 1956. Records available: 1953-56. Dec. 3, 64.62.

11-3-36ab. Mothers' Jewels Home. Drilled irrigation water-table well in sand of Pleistocene age, diameter 12 inches. Highest water level 65.82, Sept. 11, 1952; lowest water level 69.46, Oct. 25, 1956. Records available: 1948-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 7	67.53	July 3	67.94	Oct. 25	69.46	Dec. 3	69.23
Apr. 6	67.49						

11-4-25bc. Bryce Tracy. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 114 feet. Land-surface datum is 1,709.05 feet above msl. Highest water level 63.08, Dec. 28, 1951; lowest water level 72.65, Oct. 25, 1956. Records available: 1948-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 7	68.53	Apr. 6	68.43	Oct. 25	72.65	Dec. 3	72.13

11-4-31ba. Herman Fenster. Drilled irrigation water-table well in sand of Pleistocene age, diameter 22 inches, depth 140 feet. Land-surface datum is 1,740.05 feet above msl. Highest water level 70.85, Apr. 23, 1952; lowest water level 77.42, Oct. 25, 1956. Records available: 1948-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 7	74.58	Apr. 6	74.60	Oct. 25	77.42	Dec. 3	77.31

11-4-33bb. Dale Leuthje. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 139 feet. Land-surface datum is 1,730.06 feet above msl. Highest water level 68.02, Mar. 15, 1950; lowest water level 74.31, Oct. 25, 1956. Records available: 1948-50, 1953-56. Oct. 25, 74.31; Dec. 3, 74.11.