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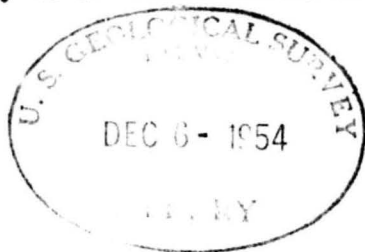
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UNITED STATES
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY,
WATER RESOURCES DIVISION.

WATER LEVELS PRIOR TO JANUARY 1, 1954
IN OBSERVATION WELLS IN NEBRASKA...

Part 1. Adams through Howard Counties

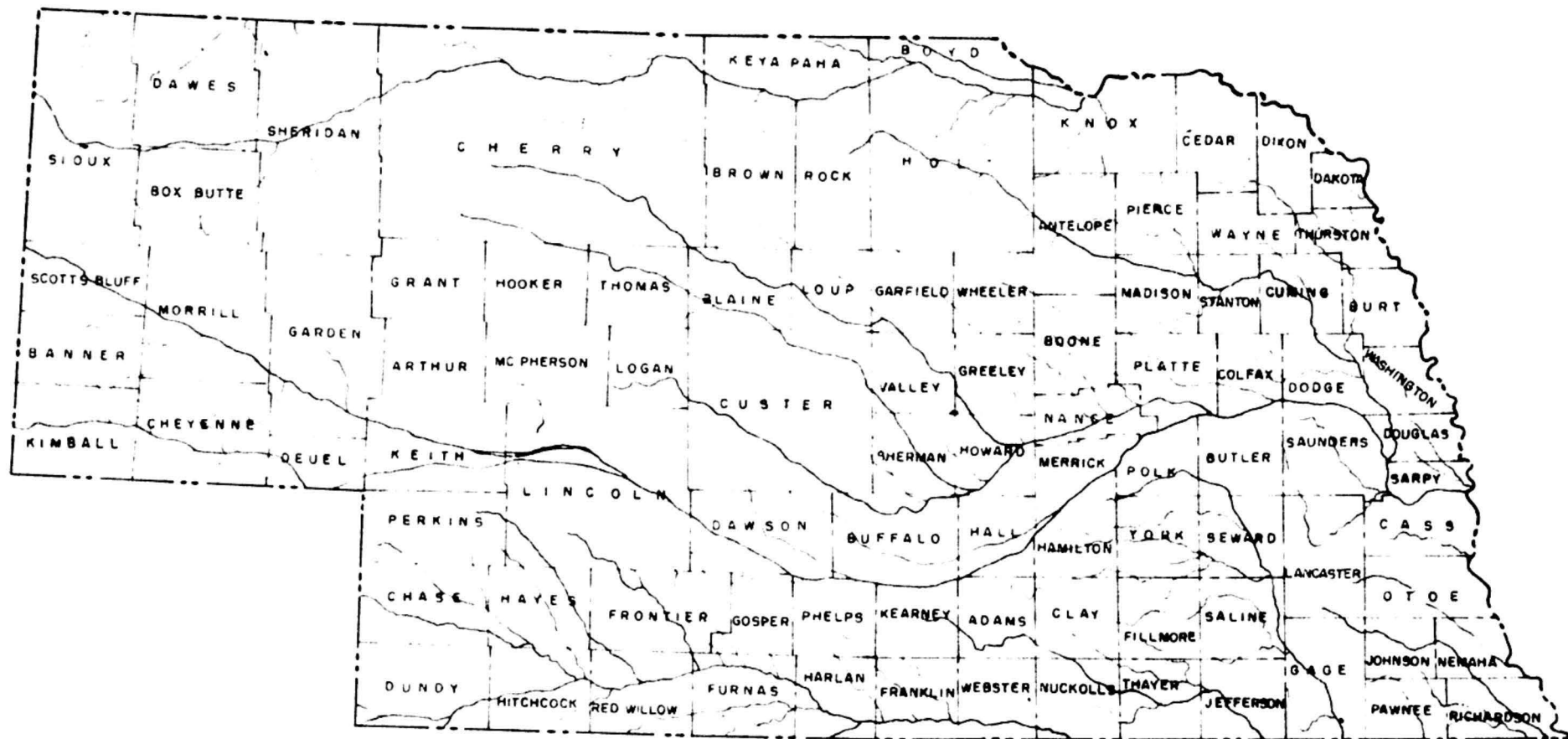
by C. F. Keech and R. L. Case



Compiled as part of the program of the Department of the
Interior for development of the Missouri River basin

54-138
28633

October 1954



Map of Nebraska showing counties and principal surface drainage.

WATER LEVELS PRIOR TO JANUARY 1, 1954
IN OBSERVATION WELLS IN NEBRASKA

by C. F. Keech and R. L. Case

INTRODUCTION

During the fall of 1945, as part of the program for the development of the resources of the Missouri River basin, the United States Geological Survey began a new series of ground-water investigations in Nebraska. These studies were coordinated with the already existing program of ground-water studies that was begun in 1930 by the U. S. Geological Survey in cooperation with the Conservation and Survey Division of the University of Nebraska. Most of the water-level measurements in this report were obtained and compiled as part of the Missouri Basin Development Program.

This report contains measurements of water levels in 2,100 wells and includes all available water-level measurements not published in other reports prepared prior to January 1, 1954. Measurements made by the U. S. Bureau of Reclamation in the Republican, Niobrara and Platte River valleys, the U. S. Fish and Wildlife Service in Garden and Cherry Counties, the Central Nebraska Public Power and Irrigation District in Lincoln County, and the Platte Valley and Public Power District in Keith County are among those included in this report.

The datum plane to which measurements are referred is the land surface at the well site. Water levels above that datum plane are preceded by a plus (+) sign, whereas those below this datum have no sign, but are understood to be minus (-). Land-surface datum is abbreviated lsd in the 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.

Letters which appear in the table of water-level measurements indicate the following: a, pumping; b, pumped recently; c, nearby well being pumped; f, dry; g, measured by outside agency, specific agency named where footnote used; j, explained by footnote each time used.

P A R T 1

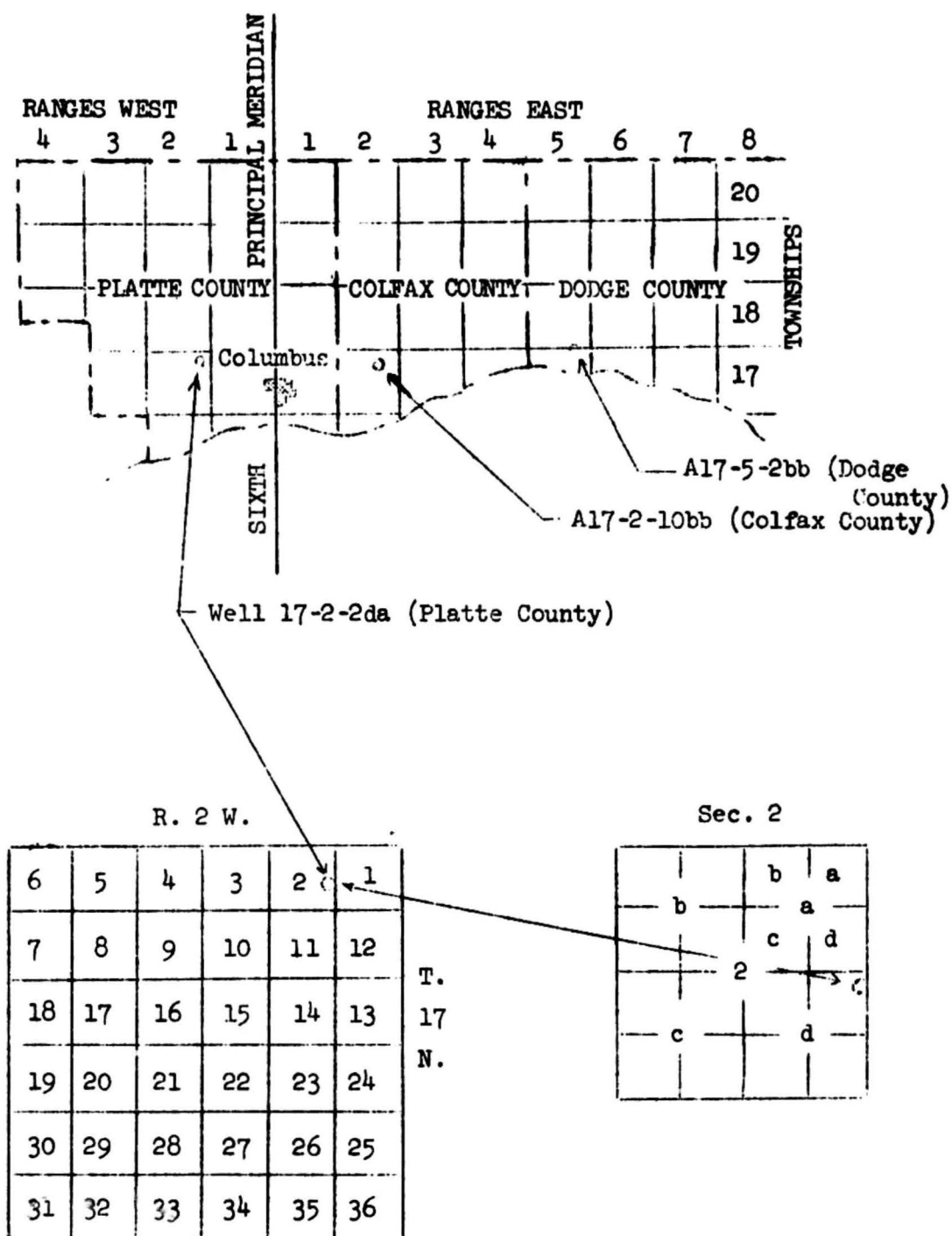
<u>County</u>	<u>Number of wells</u>	<u>Page</u>	<u>County</u>	<u>Number of wells</u>	<u>Page</u>
Adams.	70	1	Deuel	5	104
Antelope	4	12	Dodge	17	105
Arthur	1	13	Dundy	18	109
Blaine	7	14	Franklin	53	114
Boone	14	15	Furnas	130	130
Box Butte. . . .	13	18	Gage	2	169
Boyd	1	22	Garden	33	169
Brown.	13	22	Garfield	5	179
Buffalo	48	24	Gosper	53	179
Butler	12	32	Greeley	6	193
Cass	2	35	Hall	102	194
Cedar	1	35	Hamilton	35	214
Chase	16	36	Harlan	46	220
Cherry	48	39	Hayes	8	233
Cheyenne	3	47	Hitchcock. . . .	115	235
Colfax	10	47	Holt	3	265
Cumming	1	50	Hooker	2	266
Custer	99	50	Howard	36	266
Daves	1	66			
Dawson	167	67			
			TOTAL	1,200	

P A R T 2

<u>County</u>	<u>Number of wells</u>	<u>Page</u>	<u>County</u>	<u>Number of wells</u>	<u>Page</u>
Jefferson. . .	2	273	Polk	25	450
Kearney. . . .	85	273	Redwillow . . .	117	463
Keith.	52	288	Richardson . . .	5	493
Knox	4	320	Saline	2	494
Lancaster. . .	11	320	Sarpy	1	495
Lincoln	100	324	Saunders	3	495
Loup	6	362	Seward	1	496
Madison. . . .	3	363	Sheridan	5	496
Merrick	50	364	Sherman	61	497
Morrill	5	372	Stanton	3	508
Nance	10	373	Thomas	1	508
Nuckolls . . .	155	375	Valley.	27	509
Otoe	2	432	Wayne	1	513
Pawnee	1	432	Webster	74	514
Phelps	76	432	York	1	543
Pierce	1	456			
Platte	10	456	TOTAL	900	

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 through Columbus in a north-south direction, are preceded by the capital letter A; those west of Columbus 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.



Sketch illustrating well-numbering system.

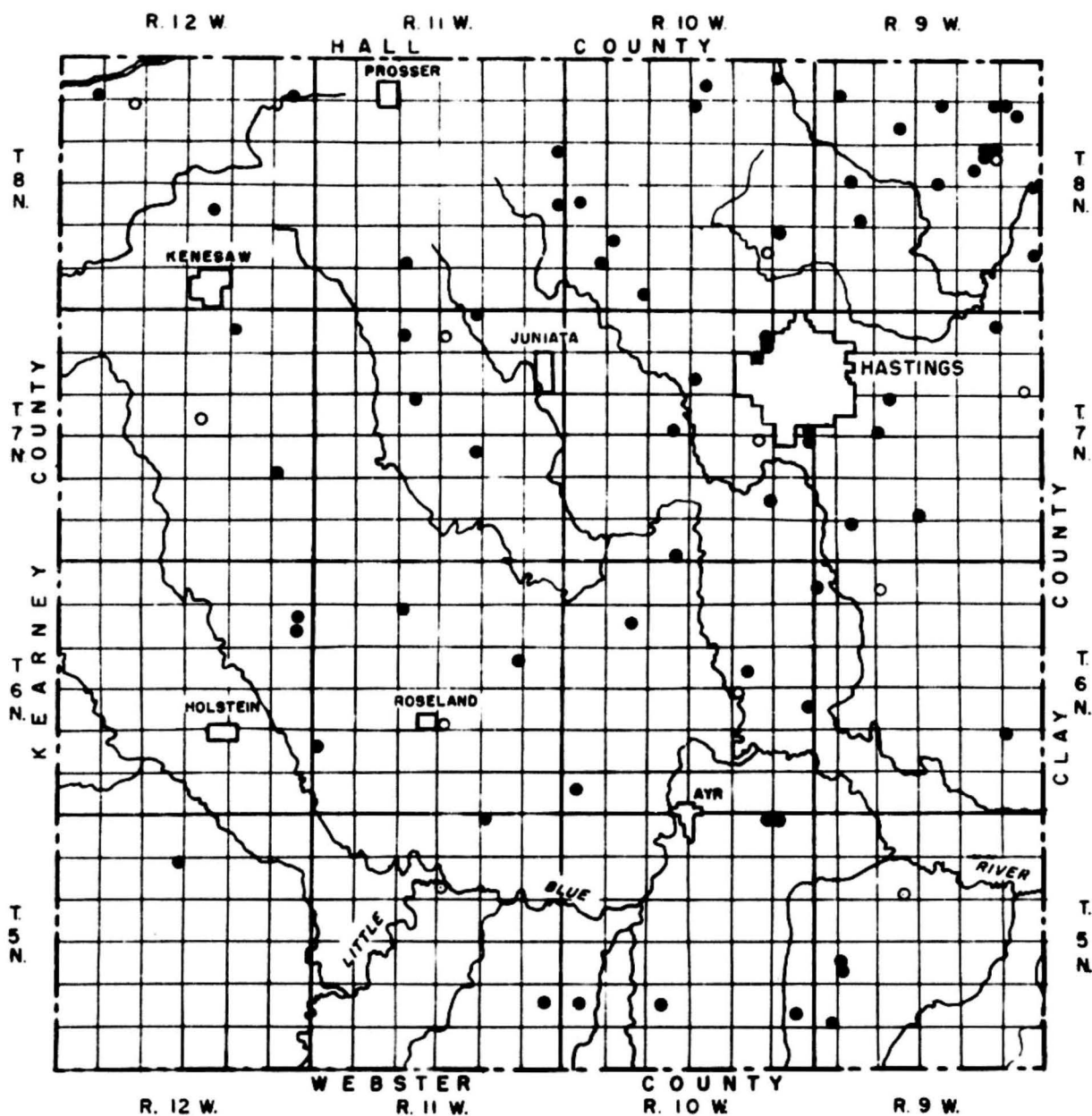
OTHER REPORTS CONTAINING WATER-LEVEL MEASUREMENTS

Other measurements of the water level in wells in Nebraska made prior to January 1, 1954, have been or will be published in the following reports:

- Babcock, H. M., and Visser, F. N., 1951, Ground-water conditions in the Dutch Flats area, Scotts Bluff and Sioux Counties, Nebr., with a section on the chemical quality of the ground water by W. H. Durum: U. S. Geol. Survey Circ. 126, 51 p., 2 pls.
- Babcock, H. M., and Visser, F. N., 1952, Reconnaissance of the geology and ground-water resources of the Pumpkin Creek area, Morrill and Banner Counties, Nebr., with a section on the chemical quality of the water by W. H. Durum: U. S. Geol. Survey Circ. 156, 30 p., 1 pl., 8 figs.
- Bjorklund, L. J., and Brown, R. F., Geology and ground-water resources of the lower South Platte River valley between Hardin, Colo. and Paxton, Nebr., with a section on the chemical quality of the ground water by H. A. Swenson: U. S. Geol. Survey Water-Supply Paper (in preparation).
- Bjorklund, L. J., Geology and ground-water resources of the Lodgepole Creek drainage basin, Nebr., with a section on the quality of the ground water by E. R. Jochens: U. S. Geol. Survey Water-Supply Paper (in preparation).
- Bradley, Edward, and Johnson, C. R., Geology and ground-water hydrology of the Republican and Frenchman River valleys: U. S. Geol. Survey Water-Supply Paper (in preparation).
- Bradley, Edward, Reconnaissance of the geology and ground-water resources of the upper Niobrara River basin, Nebr. and Wyo., with a section on the chemical quality of the ground water by F. H. Rainwater: U. S. Geol. Survey Water-Supply Paper (in preparation).
- Brown, D. W., Ground-water resources of the Middle Loup Division of the lower Platte River basin, Nebr., with a section on the chemical quality of the ground water by F. H. Rainwater: U. S. Geol. Survey Water-Supply Paper 1258 (in preparation).
- Cady, R. C., and Scherer, O. J., 1946, Geology and ground-water resources of Box Butte County, Nebr.: U. S. Geol. Survey Water-Supply Paper 969, 102 p., 9 pls.

- Cardwell, W. D. E., and Jenkins, E. D., Geology and ground-water resources of the Frenchman Creek basin in Colorado and Nebraska, with a section on the chemical quality of the ground water by E. R. Jochens and R. A. Krieger: U. S. Geol. Survey Water-Supply Paper (in preparation).
- Condra, G. E., 1907, Geology and water resources of the Republican River valley and adjacent areas, Nebraska: U. S. Geol. Survey Water-Supply Paper 216, 71 p., 13 pls.
- Condra, G. E., 1908, Geology and water resources of a portion of the Missouri River valley in northeastern Nebraska: U. S. Geol. Survey Water-Supply Paper 215, 59 p., 11 pls.
- Cronin, J. G., and Newport, T. G., Ground-water resources of the Ainsworth unit of the Niobrara River basin, Nebr., with a section on the chemical quality of the ground water by R. A. Krieger: U. S. Geol. Survey Water-Supply Paper (in preparation).
- Darton, N. H., 1898, Underground waters of a portion of southeastern Nebraska: U. S. Geol. Survey Water-Supply Paper 12, 56 p., 21 pls.
- Keech, C. F., 1952, Ground-water resources of the Wood River unit of the lower Platte River basin, Nebraska: U. S. Geol. Survey Circ. 139, 96 p., 3 pls.
- Lugn, A. L., and Wenzel, L. K., 1938, Geology and ground-water resources of south-central Nebraska: U. S. Geol. Survey Water-Supply Paper 779, 242 p., 16 pls.
- Meinzer, O. E., 1919, Ground water for irrigation in Lodgepole Valley, Wyo. and Nebr.: U. S. Geol. Survey Water-Supply Paper 425-B, p. 37-69, pls. IV-VI.
- Nace, R. L., 1953, Ground water for irrigation in Box Butte County, Nebr., with a section on the chemical quality of the water by W. H. Durum: U. S. Geol. Survey Circ. 166, 39 p., 1 pl.
- Reed, E. C., 1944, Ground-water survey of area north of O'Neill, Holt County, Nebr.: Nebraska Water-Supply Paper 2, 26 p., 12 figs.
- Schreurs, R. L., Geology and ground-water resources of Buffalo County and adjacent parts of Dawson and Hall Counties, Nebr., with a section on the chemical quality of the ground water by F. H. Rainwater: U. S. Geol. Survey Water-Supply Paper (in preparation).
- Sniegocki, R. T., Ground-water resources of the Prairie Creek Unit of the lower Platte River basin, Nebr., with a section on the chemical quality of the ground water by F. H. Rainwater: U. S. Geol. Survey Water-Supply Paper (in preparation).

- U. S. Geol. Survey, Water levels and artesian pressure in observation wells in the United States: U. S. Geol. Survey Water-Supply Papers, 777 (1935), 817 (1936), 840 (1937), 845 (1938), 886 (1939), 908 (1940), 938 (1941), 946 (1942), 968 (1943), 1013 (1944), 1025 (1945), 1073 (1946), 1098 (1947), 1128 (1948), 1150 (1949), 1167 (1950), 1193 (1951), 1223 (1952), 1267 (1953).
- Waite, H. A., 1948, Ground-water levels in the lower Platte River valley, Nebraska: Nebraska Water-Supply Paper 3, 11 p., 8 figs.
- Waite, H. A., and others, 1948, Progress report on the geology and ground-water hydrology of the Republican and Frenchman River valleys, with a section on the chemical quality of the ground water by H. A. Swenson: U. S. Geol. Survey Circ. 19, 83 p., 1 pl.
- Waite, H. A., and others, 1949, Progress report on the geology and ground-water hydrology of the lower Platte River valley, Nebraska, with a section on the chemical quality of the ground water by H. A. Swenson: U. S. Geol. Survey Circ. 20, 210 p., 9 pls.
- Waite, H. A., Reed, E. C., and Jones, D. S., Jr., 1946, Ground-Water Resources Survey Water-Supply Paper 1, Conservation and Survey Division, Univ. of Nebraska, Pt. I, Nuckolls, Webster, Franklin, and Harlan Counties; Pt. II, Furnas County; Pt. III, Redwillow and Frontier Counties; and Pt. IV, Hitchcock, Hayes, Dundy, and Chase Counties.
- Wenzel, L. K., 1940, Local overdevelopment of ground-water supplies, with special reference to conditions at Grand Island, Nebr.: U. S. Geol. Survey Water-Supply Paper 836-E, p. 233-281, pls. 16-21.
- Wenzel, L. K., Cady, R. C., and Waite, H. A., 1946, Geology and ground-water resources of Scotts Bluff County, Nebr.: U. S. Geol. Survey Water-Supply Paper 943, 150 p., 12 pls.
- Wenzel, L. K., and Waite, H. A., 1941, Ground water in Keith County, Nebr., with sections on Platte Valley Public Power and Irrigation District, Sutherland project, by E. E. Halmos, and Central Nebraska Public Power and Irrigation District, Tri-County project, by G. E. Johnson: U. S. Water-Supply Paper 848, 68 p., 8 pls.



ADAMS COUNTY

0 5 Miles



EXPLANATION

●
Well; water-level record included
in this report.

○
Well; water-level record included
in other reports

Adams County

Date	Water level	Date	Water level	Date	Water level
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5-9-20bc. Art Post. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 178 feet. Land-surface datum is 1,889.54 feet above msl. Highest water level 111.54 below lsd, Apr. 11, 1949; lowest water level 111.94 below lsd, Oct. 20, 1948. Records available: 1948-49.

June 9, 1948	111.80	Apr. 11, 1949	111.54	June 3, 1949	111.59
Oct. 20	111.94				

5-9-20cb. Barney Buss. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 190 feet. Highest water level 110.73 below lsd, Apr. 11, 1949; lowest water level 111.05 below lsd, Aug. 9, 1948. Records available: 1948-49.

Aug. 9, 1948	111.05	Oct. 20, 1948	111.02	Apr. 11, 1949	110.73
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5-9-30dd. E. O. Gallaway. Drilled irrigation water-table well in clay and sand, diameter 18 inches, depth 174 feet. Land-surface datum is 1,921.45 feet above msl. Highest water level 132.20 below lsd, June 1, 1948; lowest water level 132.58 below lsd, Oct. 20, 1948. Records available: 1948-49.

June 1, 1948	132.20	Oct. 20, 1948	132.58	Apr. 25, 1949	132.23
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5-10-1bb. J. F. Sims. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 164 feet. Land-surface datum is 1,877.16 feet above msl. Highest water level 93.12 below lsd, Sept. 20, 1950; lowest water level 94.89 below lsd, Aug. 30, 1948. Records available: 1948-51.

Jan. 27, 1950	94.22	July 28, 1950	93.74	Jan. 22, 1951	94.08
Mar. 24	94.10	Sept. 20	93.12	Oct. 24	94.21
June 9	94.00	Dec. 4	94.14		

5-10-2aa. Lester Woods. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 178 feet. Land-surface datum is 1,879.55 feet above msl. Highest water level 91.50 below lsd, June 3, 1949; lowest water level 92.09 below lsd, Oct. 20, 1948. Records available: 1948-49.

Aug. 10, 1948	91.95	Apr. 11, 1949	91.53	June 3, 1949	91.50
Oct. 20	92.09				

5-10-25db. Alfred Frahm. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 172 feet. Land-surface datum is 1,909.04 feet above msl. Highest water level 115.25 below lsd, Apr. 25, 1949; lowest water level 116.22 below lsd, Aug. 9, 1948. Records available: 1948-49.

Aug. 9, 1948	116.22	Oct. 20, 1948	115.63	Apr. 25, 1949	115.25
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Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
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5-10-28bd. A. Buschow. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 208 feet. Land-surface datum is 1,945 feet above msl. Highest water level 120.82 below lsd, June 1, 1948; lowest water level 122.88 below lsd, Oct. 20, 1948. Records available: 1948-49.

June 1, 1948	120.82	Oct. 20, 1948	122.88	Apr. 25, 1949	122.62
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5-10-30bd. Harold J. Koepke. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 175 feet. Land-surface datum is 1,930.43 feet above msl. Highest water level 92.51 below lsd, Apr. 25, 1949; lowest water level 93.74 below lsd, Aug. 9, 1948. Records available: 1948-49.

Aug. 9, 1948	93.74	Oct. 20, 1948	92.72	Apr. 25, 1949	92.51
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5-11-2bb. Dr. Nielson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 170 feet. Land-surface datum is 1,943.74 feet above msl. Highest water level 84.84 below lsd, Sept. 20, 1950; lowest water level 86.40 below lsd, Aug. 30, 1947. Records available: 1947-51.

Jan. 27, 1950	85.65	July 28, 1950	85.10	Jan. 22, 1951	85.46
Mar. 24	85.65	Sept. 20	84.84	Oct. 24	85.18
June 9	85.32	Dec. 4	86.31		

5-11-25ac. C. A. Slater. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 184 feet. Land-surface datum is 1,937.10 feet above msl. Highest water level 89.61 below lsd, Oct. 24, 1951; lowest water level 91.19 below lsd, Oct. 20, 1948. Records available: 1948-51.

June 9, 1950	91.03	Dec. 4, 1950	90.37	Aug. 22, 1951	90.15
July 28	90.47	Jan. 22, 1951	90.03	Oct. 24	89.61

5-12-9aa. Catherine Chapman. Drilled unused water-table well in sand of Pleistocene age, diameter 6 inches, depth 90 feet. Highest water level 78.95 below lsd, Oct. 5, 1948 and Apr. 25, 1949; lowest water level 80.80 below lsd, Apr. 2, 1948. Records available: 1948-49.

Apr. 2, 1948	80.80	July 26, 1948	79.19	Nov. 10, 1948	79.03
June 4	79.38	Aug. 30	79.13	Apr. 25, 1949	78.95
July 1	79.19	Oct. 5	78.35		

6-2-6cb. John H. Stein. Drilled irrigation water-table well in sand of Pleistocene age, diameter 14 inches, depth 150 feet. Land-surface datum is 1,898.25 feet above msl. Highest water level 100.44 below lsd, Apr. 26, 1949; lowest water level 100.62 below lsd, Oct. 20, 1948. Records available: 1948-49.

Aug. 17, 1948	100.60	Oct. 20, 1948	100.62	Apr. 26, 1949	100.44
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Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
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6-9-25bb. Fred Ellermeier. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 165 feet. Land-surface datum is 1,856.01 feet above msl. Highest water level 103.66 below lsd, Apr. 11, 1949; lowest water level 104.73 below lsd, July 30, 1948. Records available: 1948-49.

July 30, 1948	104.73	Oct. 20, 1948	103.86	Apr. 11, 1949	103.66
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6-10-8ac. Fred Hageman. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 193 feet. Land-surface datum is 1,926.93 feet above msl. Highest water level 88.83 below lsd, Aug. 22, 1951; lowest water level 98.94 below lsd, Oct. 24, 1951. Records available: 1947-51.

Jan. 27, 1950	90.75	July 28, 1950	89.90	Aug. 22, 1951	88.83
Mar. 24	90.00	Dec. 4	89.83	Oct. 24	98.94
June 9	89.97	Jan. 22, 1951	90.79		

6-10-14ca. Oscar Hibbery. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 175 feet. Land-surface datum is 1,900.15 feet above msl. Highest water level 96.48 below lsd, Apr. 26, 1949; lowest water level 99.50 below lsd, July 26, 1948. Records available: 1948-49.

July 26, 1948	99.50	Oct. 20, 1948	96.83	Apr. 26, 1949	96.48
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6-10-24ad. Clara Whitlake. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 186 feet. Land-surface datum is 1,886.93 feet above msl. Highest water level 99.06 below lsd, Apr. 26, 1949; lowest water level 100.00 below lsd, July 30, 1948. Records available 1948-49.

July 30, 1948	100.00	Oct. 20, 1948	99.50	Apr. 26, 1949	99.06
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6-10-31bd. C. V. Magnuson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 156 feet. Land-surface datum is 1,919.43 feet above msl. Highest water level is 90.70 below lsd, Oct. 24, 1951; lowest water level 91.70 below lsd, Aug. 30, 1948. Records available: 1948-51.

Jan. 27, 1950	90.98	July 28, 1950	90.71	Jan. 22, 1951	91.29
Mar. 24	90.83	Sept. 20	91.23	Oct. 24	90.70
June 9	90.83	Dec. 4	90.74		

6-11-9bb. Tony Hoffman. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 186 feet. Land-surface datum is 1,978.84 feet above msl. Highest water level 88.17 below lsd, Apr. 25, 1949; lowest water level 88.40 below lsd, Oct. 10, 1948. Records available: 1948-49.

Aug. 10, 1948	88.40	Oct. 20, 1948	88.29	Apr. 25, 1949	88.17
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Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
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6-11-11ad. Ed Kothe. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 206 feet. Land-surface datum is 1,961.95 feet above msl. Highest water level 100.01 below lsd, Apr. 25, 1949; lowest water level 100.65 below lsd, Oct. 20, 1948. Records available: 1948-49.

Aug. 10, 1948	100.63	Oct. 20, 1948	100.65	Apr. 25, 1949	100.01
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6-11-30bc. Miss Helen Marble. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 192 feet. Land-surface datum is 1,986.50 feet above msl. Highest water level 81.57 below lsd, Oct. 24, 1951; lowest water level 84.12 below lsd, Oct. 20, 1948. Records available: 1948-51.

Jan. 27, 1950	83.60	July 28, 1950	82.51	Jan. 22, 1951	82.04
Mar. 24	83.58	Sept. 20	82.19	Oct. 24	81.57
June 9	82.72	Dec. 4	82.08		

6-12-12ac. Robert Hahlfeld. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 165 feet. Land-surface datum is 2,015.81 feet above msl. Highest water level 97.06 below lsd, Oct. 6, 1948; lowest water-level 97.92 below lsd, July 27, 1948. Records available: 1947-49.

Aug. 13, 1947	97.50	June 30, 1948	97.49	Nov. 15, 1948	97.17
May 29, 1948	97.65	July 27	97.92	Apr. 25, 1949	97.21
June 3	97.18	Oct. 6	97.06	June 6	97.18

6-12-12db. L. Christenson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 187 feet. Highest water level 98.31 below lsd, Oct. 24, 1951; lowest water level 100.30 below lsd, Oct. 20, 1948. Records available: 1948-51.

Jan. 27, 1950	99.83	July 27, 1950	99.12	Jan. 22, 1951	99.79
Mar. 24	99.75	Sept. 20	99.56	Oct. 24	98.31
June 9	99.48	Dec. 4	99.76		

7-9-2ad. W. Bohke. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 204 feet. Land-surface datum is 1,908.18 feet above msl. Highest water level 126.96 below lsd, Apr. 19, 1949; lowest water level 127.10 below lsd, Aug. 11, 1948. Records available: 1948-49.

Aug. 11, 1948	127.10	Oct. 21, 1948	127.08	Apr. 19, 1949	126.96
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7-9-16ba. Charles Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 182 feet. Land-surface datum is 1,914.09 feet above msl. Highest water level 116.02 below lsd, Apr. 26, 1949; lowest water level 116.83 below lsd, July 23, 1948. Records available 1948-49.

July 23, 1948	116.83	Oct. 20, 1948	116.27	Apr. 26, 1949	116.02
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Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
7-9-16cc. Robert Lautz. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 180 feet. Land-surface datum is 1,913.24 feet above msl. Highest water level 114.62 below lsd, June 25, 1948; lowest water level 114.82 below lsd, Oct. 20, 1948. Records available: 1948-49.					
June 25, 1948	114.62	Oct. 20, 1948	114.82	Apr. 11, 1949	114.63
7-9-27cc. State of Nebraska. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 175 feet. Land-surface datum is 1,891.31 feet above msl. Highest water level 105.34 below lsd, Apr. 26, 1949; lowest water level 107.27 below lsd, July 30, 1948. Records available: 1948-49.					
July 30, 1948	107.27	Oct. 20, 1948	105.45	Apr. 26, 1949	105.34
7-9-32ba. Lester Lautz. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 180 feet. Land-surface datum is 1,912.71 feet above msl. Highest water level 113.60 below lsd, June 25, 1948; lowest water level 113.69 below lsd, Oct. 20, 1948. Records available: 1948-49.					
June 25, 1948	113.60	Oct. 20, 1948	113.69	Apr. 26, 1949	113.62
7-10-2da. L. Phillips. Drilled public-supply well in sand of Pleistocene age, diameter 18 inches, depth 114 feet. Land-surface datum is 1,921.25 feet above msl. Highest water level 91.98 below lsd, Apr. 18, 1949; lowest water level 92.82 below lsd, Oct. 20, 1948. Records available: 1948-49.					
Aug. 12, 1948	92.80	Oct. 20, 1948	92.82	Apr. 18, 1949	91.98
7-10-2dd. L. E. Fischer. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 180 feet. Land-surface datum is 1,932.86 feet above msl. Highest water level 102.62 below lsd, Apr. 18, 1949; lowest water level 109.14 below lsd, Aug. 13, 1948. Records available 1948-49.					
Aug. 13, 1948	109.14	Oct. 20, 1948	103.56	Apr. 18, 1949	102.62
7-10-10cb. State of Nebraska. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 180 feet. Land-surface datum is 1,948.95 feet above msl. Highest water level 101.23 below lsd, Apr. 18, 1949; lowest water level 101.57 below lsd, Aug. 22, Oct. 20, 1948. Records available: 1948-49.					
Aug. 22, 1948	101.57	Oct. 20, 1948	101.57	Apr. 18, 1949	101.23

Adams County—Continued

Date	Water level	Date	Water level	Date	Water level
7-10-11ab. Charles Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 168 feet. Land-surface datum is 1,937.68 feet above msl. Highest water level 108.30 below lsd, Apr. 18, 1949; lowest water level 109.40 below lsd, Oct. 20, 1948. Records available: 1948-49.					
Aug. 13, 1948	109.20	Oct. 20, 1948	109.40	Apr. 18, 1949	108.30
7-10-13dd. George Overturf. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 151 feet. Land-surface datum is 1,921.98 feet above msl. Highest water level 110.38 below lsd, Apr. 14, 1949; lowest water level 110.66 below lsd, Aug. 11, 1948. Records available: 1948-49.					
Aug. 11, 1948	110.66	Oct. 20, 1948	110.60	Apr. 14, 1949	110.38
7-10-16dc. State of Nebraska. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 180 feet. Land-surface datum is 1,954.55 feet above msl. Highest water level 109.48 below lsd, Apr. 18, 1949; lowest water level 110.70 below lsd, Aug. 22, 1948. Records available: 1948-49.					
Aug. 22, 1948	110.70	Oct. 31, 1948	109.69	Apr. 18, 1949	109.48
Oct. 20	109.70				
7-10-24aa. Dean Dougherty. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 174 feet. Land-surface datum is 1,913.48 feet above msl. Highest water level 101.95 below lsd, Apr. 14, 1949; lowest water level 102.30 below lsd, Aug. 10, 1948. Records available: 1948-49.					
Aug. 10, 1948	102.30	Oct. 20, 1948	102.16	Apr. 14, 1949	101.95
7-10-26da. Roy Dougherty. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 186 feet. Land-surface datum is 1,931.79 feet above msl. Highest water level 113.10 below lsd, Oct. 25, 1951; lowest water level 115.63 below lsd, Sept. 1, 1948. Records available: 1947-51.					
Jan. 27, 1950	113.45	July 28, 1950	113.38	Jan. 22, 1951	113.27
Mar. 24	113.49	Sept. 20	113.40	Oct. 25	113.10
June 9	113.50	Dec. 4	113.66		
7-10-33dc. C. R. Anderson. Drilled irrigation water-table well in sand of Pleistocene age. Land-surface datum is 1,927.25 feet above msl. Highest water level 92.88 below lsd, Apr. 26, 1949; lowest water level 94.50 below lsd, Aug. 10, 1948. Records available: 1948-49.					
Aug. 10, 1948	94.50	Oct. 20, 1948	93.04	Apr. 26, 1949	92.88
7-11-3aa. M. D. Sargent. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 185 feet. Land-surface datum is 2,007.18 feet above msl. Highest water level 104.80 below lsd, Nov. 21, 1949; lowest water level 105.32 below lsd, Oct. 21, 1948. Records available: 1948-49.					
Aug. 13, 1948	105.22	Apr. 12, 1949	104.83	Nov. 21, 1949	104.80
Oct. 21	105.32				

Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
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7-11-4ca. Elmer Young. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 198 feet. Land-surface datum is 2,058.44 feet above msl. Highest water level 144.22 below lsd, Apr. 12, 1949; lowest water level 144.30 below lsd, Aug. 13, 1948. Records available: 1948-49.

Aug. 13, 1948	144.30	Oct. 21, 1948	144.25	Apr. 12, 1949	144.22
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7-11-16ba. A. H. Jones. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 190 feet. Land-surface datum is 2,043.73 feet above msl. Highest water level 131.88 below lsd, Oct. 21, 1948; lowest water level 136.23 below lsd, Apr. 18, 1949. Records available: 1948-49.

Oct. 21, 1948	131.88	Apr. 18, 1949	136.23		
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7-11-22ad. Verne Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 182 feet. Land-surface datum is 2,006.70 feet above msl. Highest water level 117.40 below lsd, Dec. 4, 1950; lowest water level 120.60 below lsd, Aug. 15, 1947. Records available: 1947-50.

Jan. 27, 1950	118.07	June 9, 1950	118.09	Sept. 20, 1950	118.02
Mar. 24	118.20	July 28	118.10	Dec. 4	117.40

7-12-2bc. Dr. Kingsley. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 183 feet. Land-surface datum is 2,042.23 feet above msl. Highest water level 84.72 below lsd, June 4, 1948; lowest water level 84.81 below lsd, Oct. 21, 1948. Records available: 1948.

June 4, 1948	84.72	Oct. 21, 1948	84.81		
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7-12-24cc. Groff. Drilled irrigation water-table well in sand of Pleistocene age, diameter 1 inch, depth 150 feet. Land-surface datum is 2,033.22 feet above msl. Highest water level 97.09 below lsd, Oct. 24, 1951; lowest water level 99.02 below lsd, Nov. 17, 1947. Records available: 1947-51.

Jan. 27, 1950	98.04	July 27, 1950	97.80	Jan. 22, 1951	97.55
Mar. 23	97.94	Sept. 20	97.84	Aug. 22	97.50
June 9	97.50	Dec. 4	98.42	Oct. 24	97.09

8-9-5cc. J. W. Lau. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 185 feet. Land-surface datum is 1,957.96 feet above msl. Highest water level 90.39 below lsd, Oct. 25, 1951; lowest water level 92.12 below lsd, Nov. 13, 1947. Records available: 1947-51.

Jan. 27, 1950	91.13	July 28, 1950	91.05	Jan. 22, 1951	90.60
Mar. 23	91.12	Sept. 25	90.66	Aug. 21	91.71
June 9	91.31	Dec. 5	91.17	Oct. 25	90.39

Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
8-9-9db. Art Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 184 feet. Land-surface datum is 1,928.69 feet above msl. Highest water level 86.09 below lsd, Apr. 18, 1949; lowest water level 86.60 below lsd, Aug. 11, 1948. Records available: 1948-49.					
Aug. 11, 1948	86.60	Oct. 22, 1948	86.53	Apr. 18, 1949	86.09
8-9-10ab. Charles Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 149 feet. Land-surface datum is 1,914.05 feet above msl. Highest water level 79.16 below lsd, Apr. 18, 1949; lowest water level 81.00 below lsd, July 23, 1948. Records available: 1948-49.					
July 23, 1948	81.00	Oct. 22, 1948	79.85	Apr. 18, 1949	79.16
8-9-11aa. Cleo Harmon. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 154 feet. Land-surface datum is 1,909.28 feet above msl. Highest water level 94.37 below lsd, Apr. 18, 1949; lowest water level 99.00 below lsd, Aug. 11, 1948. Records available: 1948-49.					
Aug. 11, 1948	99.00	Oct. 22, 1948	94.45	Apr. 18, 1949	94.37
8-9-12bb. Cleo Harmon. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 154 feet. Land-surface datum is 1,906.92 feet above msl. Highest water level 91.39 below lsd, Apr. 18, 1949; lowest water level 94.50 below lsd, Aug. 11, 1948. Records available: 1948-49.					
Aug. 11, 1948	94.50	Oct. 22, 1948	92.60	Apr. 18, 1949	91.39
8-9-12bd. Cleo Harmon. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 138 feet. Land-surface datum is 1,891.79 feet above msl. Highest water level 90.00 below lsd, Aug. 11, 1948; lowest water level 100.82 below lsd, Oct. 22, 1948. Records available: 1948-49.					
Aug. 11, 1948	90.00	Oct. 22, 1948	100.82	Apr. 19, 1949	100.36
8-9-14aa. Charles Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 152 feet. Land-surface datum is 1,908.47 feet above msl. Highest water level 95.50 below lsd, Aug. 22, 1947; lowest water level 110.34 below lsd, Oct. 4, 1948. Records available: 1947-49.					
Aug. 22, 1947	95.50	June 2, 1948	108.03	Nov. 11, 1948	109.60
Nov. 13	109.60	28	108.04	Apr. 19, 1949	108.21
Apr. 11, 1948	108.60	Oct. 4	110.34	June 3	108.17

Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
8-9-14ab. Charles Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 148 feet. Land-surface datum is 1,894.65 feet above msl. Highest water level 81.28 below lsd, Apr. 19, 1949; lowest water level 84.00 below lsd, July 24, 1948. Records available: 1948-49.					
July 24, 1948	84.00	Oct. 20, 1948	82.62	Apr. 19, 1949	81.28
8-9-14ac2. Charles Anderson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 160 feet. Land-surface datum is 1,903.76 feet above msl. Highest water level 109.00 below lsd, July 27, 1948; lowest water level 110.33 below lsd, Nov. 21, 1949. Records available: 1948-50.					
July 27, 1948	109.00	Apr. 19, 1949	109.67	Jan. 27, 1950	109.39
Oct. 22	110.15	Nov. 21	110.33		
8-9-14ca. Cleo Harmon. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 156 feet. Land-surface datum is 1,909.41 feet above msl. Highest water level 105.50 below lsd, Aug. 11, 1948; lowest water level 117.88 below lsd, Oct. 22, 1948. Records available: 1948-49.					
Aug. 11, 1948	105.50	Oct. 22, 1948	117.88	Apr. 19, 1949	117.25
8-9-15dc. G. E. Gaymon. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 150 feet. Land-surface datum is 1,910.17 feet above msl. Highest water level 103.97 below lsd, Aug. 11, 1948; lowest water level 104.05 below lsd, Oct. 22, 1948. Records available: 1948.					
Aug. 11, 1948	103.97	Oct. 22, 1948	104.05		
8-9-17cd. Batterman. Drilled irrigation water-table well in sand of Pleistocene age, depth 149 feet. Land-surface datum is 1,930.08 feet above msl. Highest water level 89.60 below lsd, Apr. 18, 1949; lowest water level 89.89 below lsd, Oct. 22, 1948. Records available: 1948-49.					
Aug. 11, 1948	89.62	Oct. 22, 1948	89.89	Apr. 18, 1949	89.60
8-9-20dc. Otto Reinerstacher. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 140 feet. Land-surface datum is 1,925.09 feet above msl. Highest water level 96.14 below lsd, Apr. 18, 1949; lowest water level 96.49 below lsd, Oct. 22, 1948. Records available: 1948-49.					
Oct. 22, 1948	96.49	Apr. 18, 1949	96.14		

Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
8-9-25da. J. L. and J. A. Mahlman. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 160 feet. Land-surface datum is 1,897.99 feet above msl. Highest water level 118.00 below lsd, July 26, 1948; lowest water level 119.25 below lsd, Oct. 22, 1948. Records available: 1948-49.					
July 26, 1948	118.00	Oct. 22, 1948	119.25	Apr. 19, 1949	118.84
8-10-1bc. B. Kline. Drilled irrigation water-table well in sand of Pleistocene age. Land-surface datum is 1,958.59 feet above msl. Highest water level 76.23 below lsd, Oct. 22, 1948; lowest water level 76.40 below lsd, Aug. 17, 1948. Records available: 1948.					
Aug. 17, 1948	76.40	Oct. 22, 1948	76.28		
8-10-3ca. H. F. Janssen. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 194 feet. Land-surface datum is 1,988.14 feet above msl. Highest water level 91.00 below lsd, June 5, 1948; lowest water level 91.54 below lsd, Oct. 22, 1948. Records available: 1948-49.					
June 5, 1948	91.00	Oct. 22, 1948	91.54	Apr. 18, 1949	91.40
8-10-10bb. Wallace Olp. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 187 feet. Land-surface datum is 1,984.53 feet above msl. Highest water level 85.92 below lsd, Oct. 24, 1951; lowest water level 87.82 below lsd, Oct. 22, 1948. Records available 1948-51.					
June 5, 1948	87.50	June 9, 1950	87.00	Jan. 22, 1951	86.15
Oct. 22	87.82	July 28	86.63	Aug. 22	86.28
Apr. 18, 1949	87.75	Sept. 25	86.74	Oct. 24	85.92
Mar. 23, 1950	87.77	Dec. 5	87.14		
8-10-19bd. H. W. Witte. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 178 feet. Land-surface datum is 2,005.00 feet above msl. Highest water level 108.96 below lsd, Apr. 12, 1949; lowest water level 109.58 below lsd, Oct. 22, 1948. Records available: 1948-49.					
July 27, 1948	109.15	Oct. 22, 1948	109.58	Apr. 12, 1949	108.96
8-10-25bb. Harvey Barchers. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 158 feet. Land-surface datum is 1,955.33 feet above msl. Highest water level 109.87 below lsd, June 2, 1948; lowest water level 110.60 below lsd, Aug. 14, 1947. Records available: 1947-49.					
Aug. 14, 1947	110.60	June 2, 1948	109.87	Apr. 18, 1949	109.95
Nov. 13	110.48	Oct. 22	110.02		

Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
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8-10-29bc. R. Patterson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 177 feet. Land-surface datum is 1,987.50 feet above msl. Highest water level 109.20 below lsd, Apr. 12, 1949; lowest water level 109.97 below lsd, July 23, 1948. Records available: 1948-49.

July 23, 1948 | 109.97 | Oct. 22, 1948 | 109.85 | Apr. 12, 1949 | 109.20

8-10-30dd. H. M. Witte. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 190 feet. Land-surface datum is 1,984.50 feet above msl. Highest water level 103.77 below lsd, Apr. 12, 1949; lowest water level 104.32 below lsd, Oct. 22, 1948. Records available: 1948-49.

July 27, 1948 | 104.20 | Oct. 22, 1948 | 104.32 | Apr. 12, 1949 | 103.77

8-10-32da. W. J. Kieefe. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 186 feet. Land-surface datum is 1,971.92 feet above msl. Highest water level 103.40 below lsd, Oct. 25, 1951; lowest water level 104.30 below lsd, Nov. 11, 1948 and Jan. 21, 1949. Records available: 1948-51.

Jan. 27, 1950	103.87	July 28, 1950	103.77	Jan. 22, 1951	103.42
Mar. 24	103.82	Sept. 25	103.71	Aug. 22	103.52
June 9	103.98	Dec. 5	104.24	Oct. 25	103.40

8-11-13aa. Edwin Kent. Drilled irrigation water-table well in sand of Pleistocene age, diameter 14 inches, depth 165 feet. Land-surface datum is 2,003.52 feet above msl. Highest water level 88.77 below lsd, Sept. 25, 1950; lowest water level 92.68 below lsd, Aug. 14, 1947. Records available: 1947-51.

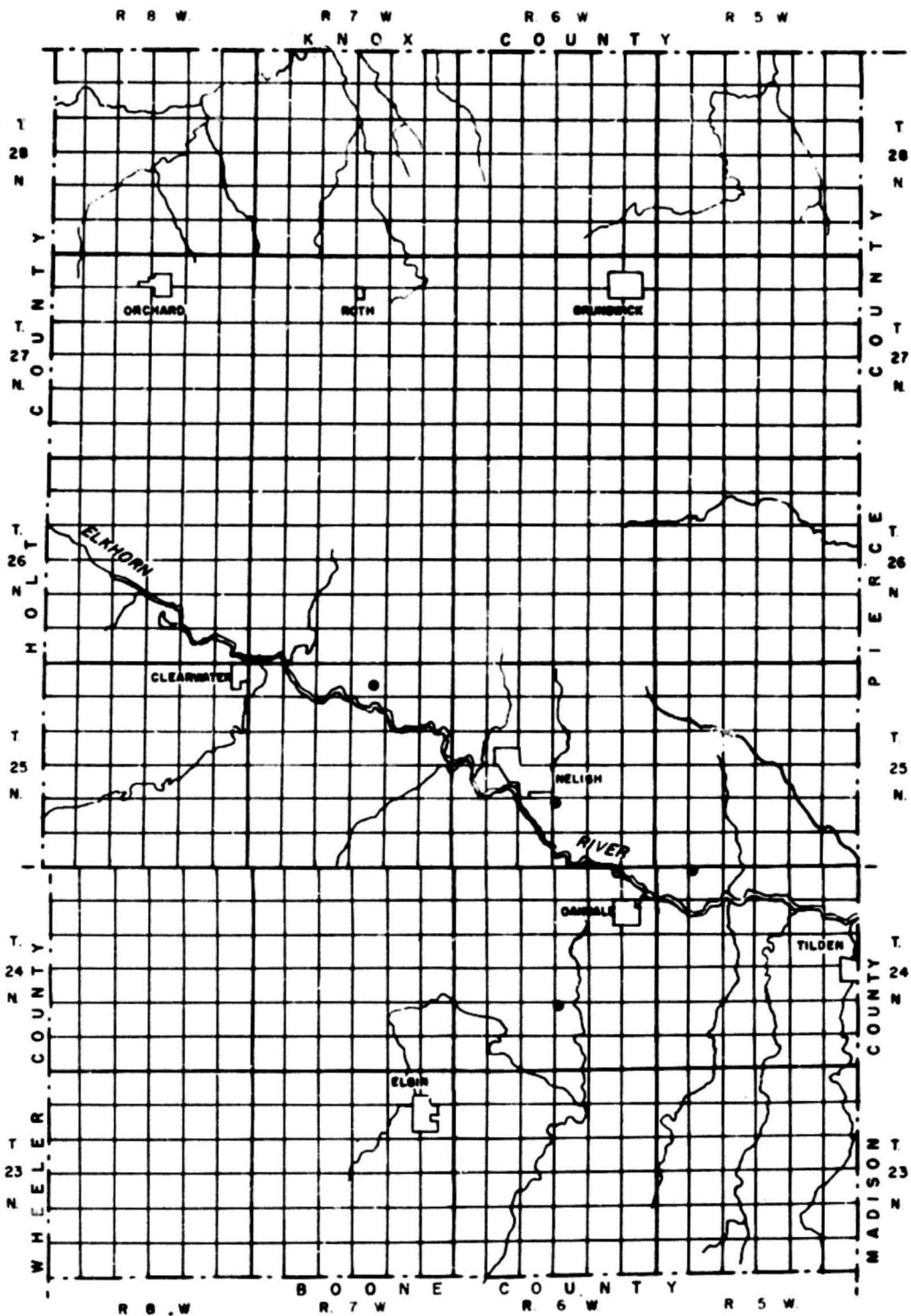
Jan. 27, 1950	90.80	July 28, 1950	90.50	Dec. 5, 1950	90.60
Mar. 23	90.65	Sept. 25	88.77	Jan. 22, 1951	89.90
June 9	90.76				

8-11-24ad. Edwin Kent. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 176 feet. Land-surface datum is 1,998.94 feet above msl. Highest water level 98.55 below lsd, Apr. 12, 1949; lowest water level 99.15 below lsd, Oct. 22, 1948. Records available: 1948-49.

July 23, 1948 | 99.01 | Oct. 22, 1948 | 99.15 | Apr. 12, 1949 | 98.55

8-11-28cc. Harry Saddler. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 218 feet. Land-surface datum is 2,056.96 feet above msl. Highest water level 134.13 below lsd, Apr. 12, 1949; lowest water level 135.00 below lsd, July 1, 1948. Records available: 1948-49.

July 1, 1948 | 135.00 | Apr. 12, 1949 | 134.13 |



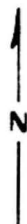
ANTELOPE COUNTY

0 5 Miles

EXPLANATION

●
Well; water-level record included
in this report

○
Well; water-level record included
in other reports



Adams County--Continued

Date	Water level	Date	Water level	Date	Water level
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8-12-1cd. Vernon W. Brickel. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 178 feet. Land-surface datum is 2,054.03 feet above msl. Highest water level 82.07 below lsd, Oct. 24, 1951; lowest water level 84.05 below lsd, Oct. 22, 1948. Records available: 1948-51.

Jan. 27, 1950	82.40	July 28, 1950	82.20	Jan. 22, 1951	82.54
Mar. 23	82.56	Sept. 25	82.27	Oct. 24	82.07
June 9	82.40	Dec. 5	82.55		

8-12-6dd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 27 feet. Land-surface datum is 2,015.78 feet above msl. Highest water level 3.07 below lsd, May 3, 1951; lowest water level 4.50 below lsd, Mar. 29, 1948. Records available: 1947-51.

Mar. 29, 1947	4.39	Apr. 20, 1949	3.16	May 3, 1951	3.07
Mar. 29, 1948	4.50	Mar. 6, 1950	4.05		

8-12-22cb. H. W. Long. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 130 feet. Land-surface datum is 2,060.83 feet above msl. Highest water level 80.58 below lsd, Oct. 24, 1951; lowest water level 84.60 below lsd, Aug. 13, 1947. Records available: 1947-51.

Jan. 27, 1950	81.55	July 28, 1950	81.29	Jan. 22, 1951	82.14
Mar. 23	81.37	Sept. 25	81.03	Aug. 21	82.60
June 8	81.52	Dec. 5	82.40	Oct. 24	80.58

Antelope County

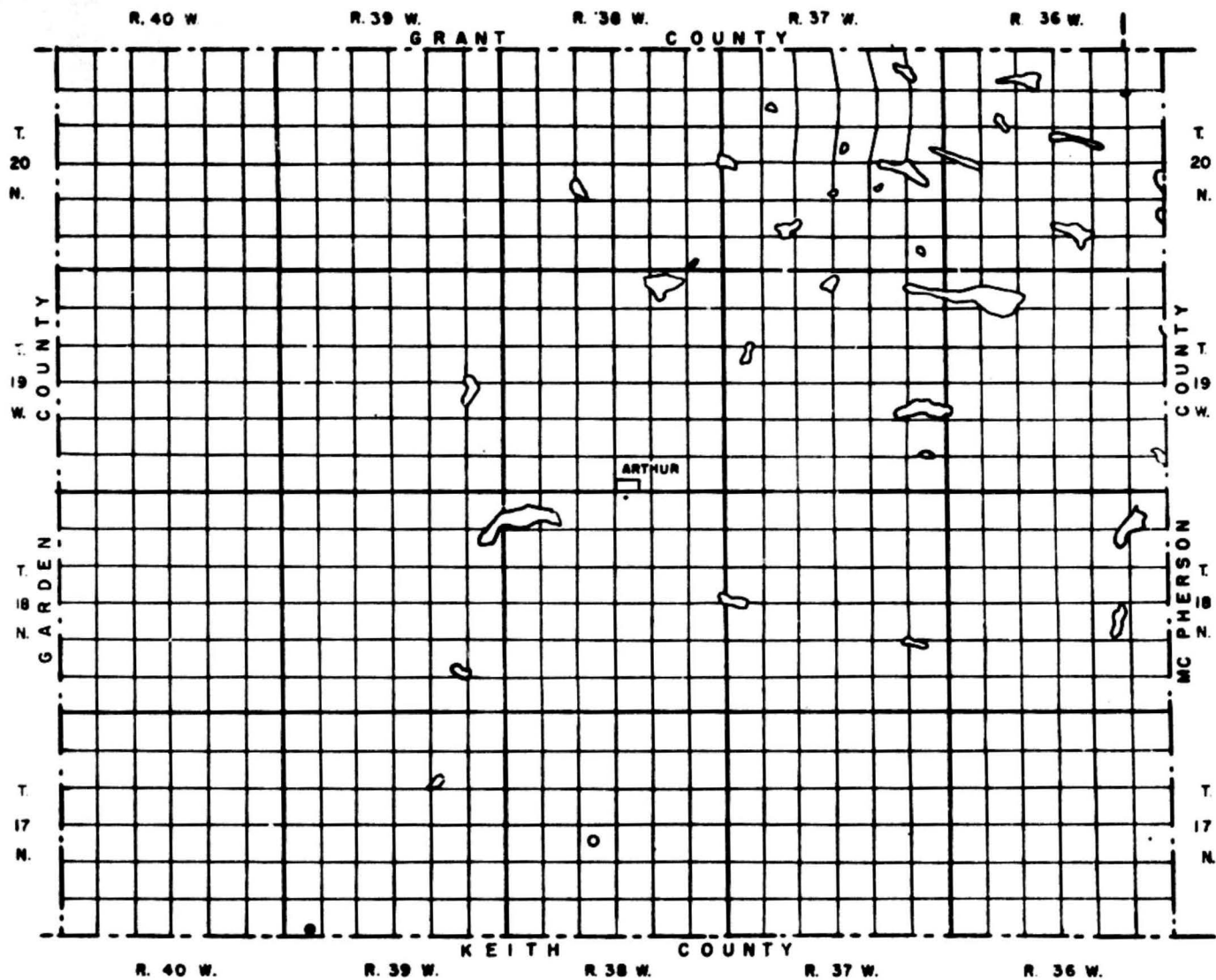
Date	Water level	Date	Water level	Date	Water level
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24-5-5bb. Glen Cowan. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 100 feet. Highest water level 24.60 below lsd, Nov. 8, 1951; lowest water level 27.16 below lsd, Mar. 9, 1951. Records available: 1951-53.

Mar. 9, 1951	27.16	Aug. 30, 1951	24.81	Jan. 29, 1952	25.22
May 29	26.81	Nov. 8	24.60	Dec. 1, 1953	26.54

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 below lsd, Aug. 31, 1951; lowest water level 19.68 below lsd, Mar. 8, 1951. Records available 1951-52.

Mar. 8, 1951	19.68	Aug. 31, 1951	15.83	Jan. 29, 1952	18.25
May 29	19.32	Nov. 8	17.93		



EXPLANATION

Well, water-level record included
in this report

Well, water-level record included
in other reports



ARTHUR COUNTY

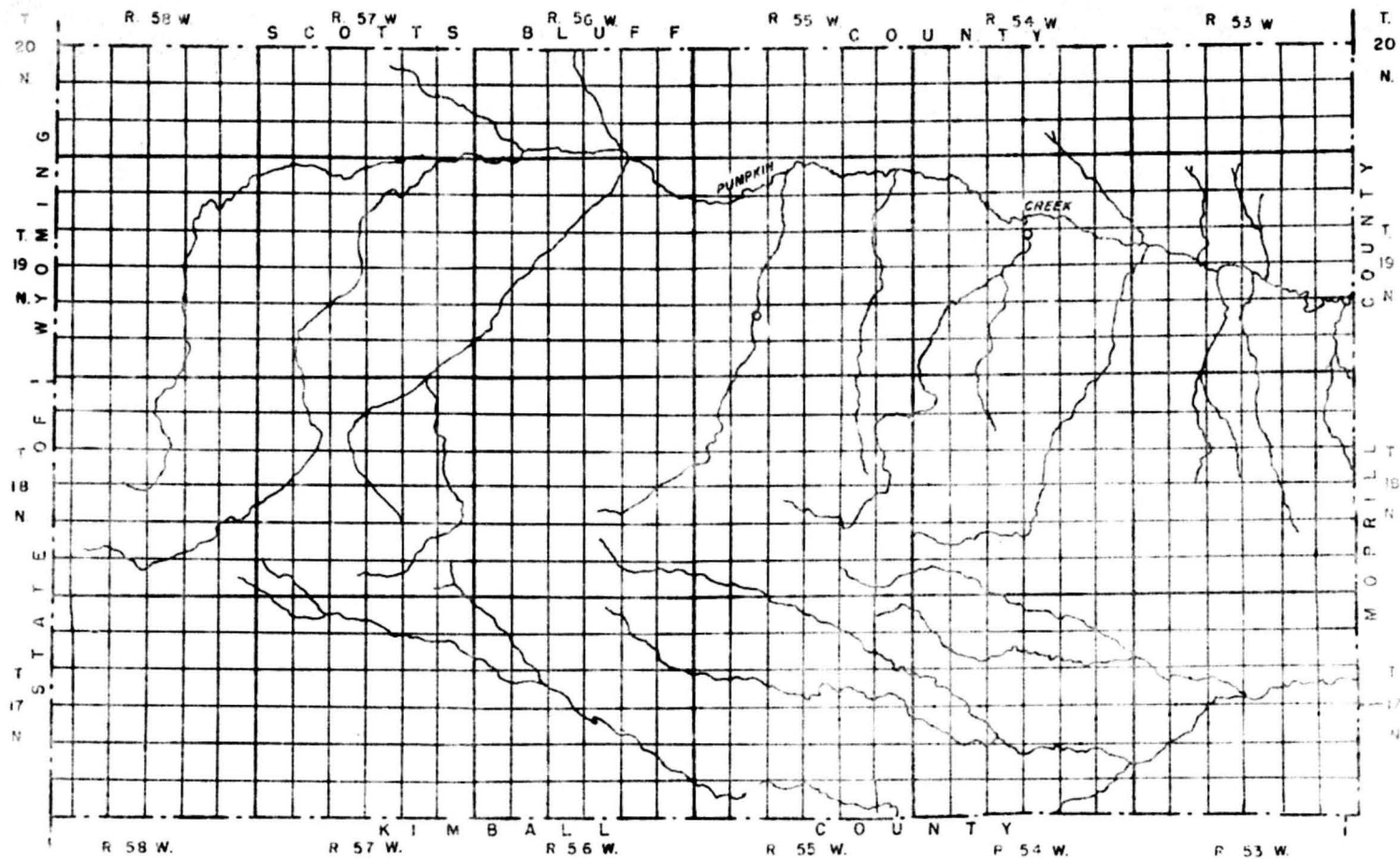
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Antelope County--Continued

Date	Water level	Date	Water level	Date	Water level
25-6-27bb. Gerald Baker. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 190 feet. Records available: 1953.					
Dec. 1, 1953	19.02				
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 below lsd, Aug. 31, 1951; lowest water level 11.45 below lsd, Dec. 1, 1953. Records available: 1951, 1953.					
May 29, 1951	10.33	Nov. 8, 1951	8.77	Dec. 1, 1953	11.45
Aug. 31	7.05				

Arthur County

Date	Water level	Date	Water level	Date	Water level
17-39-31dc. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sandy silt and clay, diameter 4 inches, depth 9 feet. Land-surface datum is 3,544.95 feet above msl. Highest water level 2.31 below lsd, May 7, 1942; lowest water level 7.50 below lsd, Oct. 2 and Nov. 2, 1953. Records available: 1936-53.					
Feb. 2, 1948	5.90	Jan. 6, 1950	6.50	Dec. 1, 1951	7.10
Mar. 3	5.90	Feb. 7	6.60	Feb. 4, 1952	7.10
Apr. 2	5.80	Mar. 2	6.60	Mar. 11	7.00
May 4	5.80	May 2	6.60	Apr. 2	6.60
June 2	6.00	June 1	6.60	June 3	6.40
July 8	6.20	July 3	6.80	July 1	6.60
Aug. 4	6.30	Aug. 1	6.90	Aug. 1	7.00
Sept. 1	6.50	Oct. 3	6.90	Sept. 3	7.20
Oct. 4	6.50	Nov. 2	7.00	Oct. 1	7.20
Nov. 1	6.50	Dec. 1	7.00	Feb. 2, 1953	7.30
Dec. 23	6.50	Jan. 2, 1951	7.00	Apr. 1	7.00
Mar. 3, 1949	5.90	Feb. 15	7.00	May 4	6.90
May 5	5.80	Apr. 3	7.00	July 1	7.20
June 6	5.60	June 2	7.10	Aug. 5	7.40
July 6	5.90	July 9	6.70	Sept. 1	7.40
Aug. 1	6.20	Aug. 4	6.90	Oct. 2	7.50
Oct. 4	6.50	Sept. 8	7.00	Nov. 2	7.50
Nov. 3	6.50	Oct. 3	7.00	Dec. 1	7.40
Dec. 1	6.50	Nov. 3	7.10		



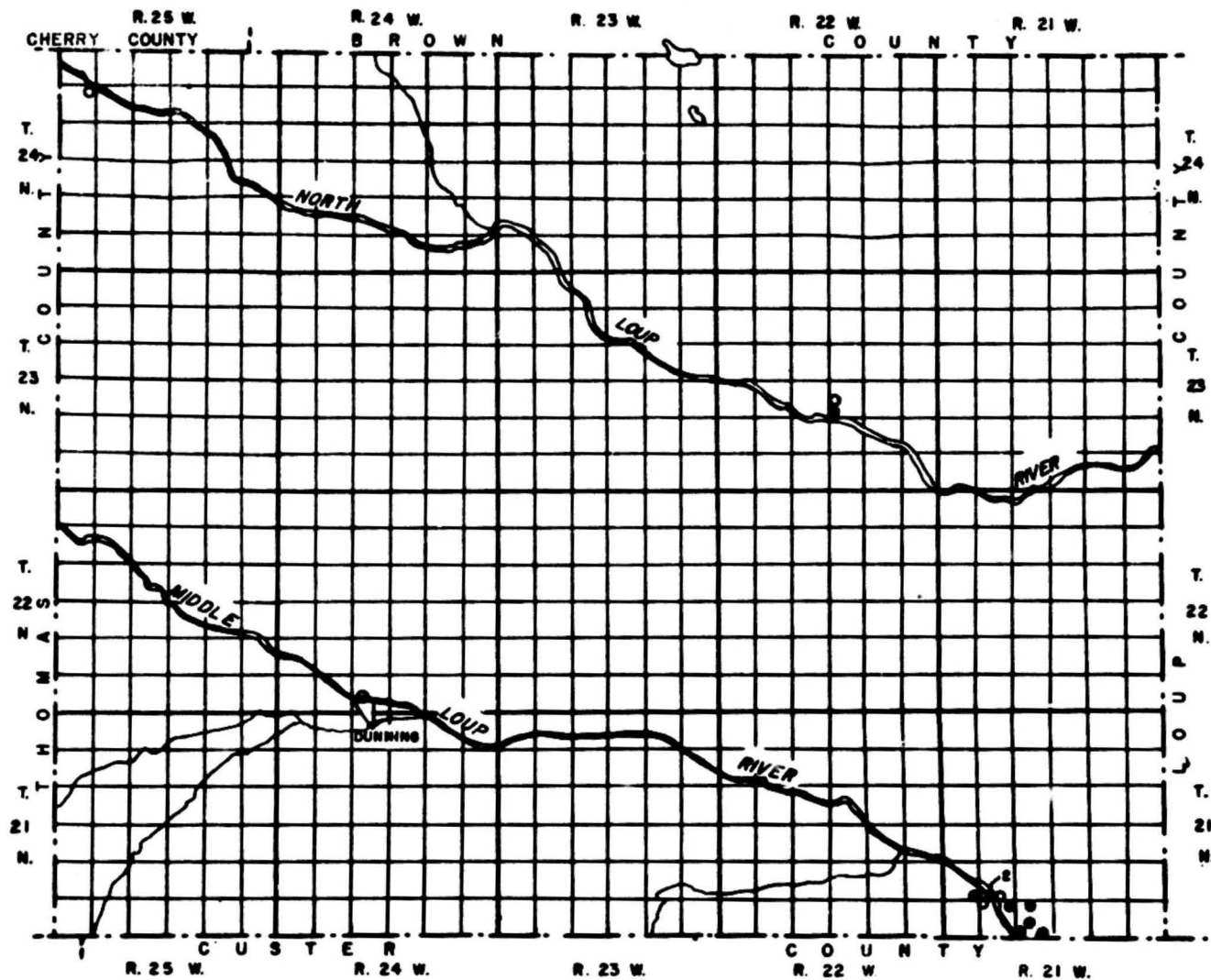
BANNER COUNTY

0 5 Miles



EXPLANATION

○
Well; water-level record included
in other reports



EXPLANATION

●
Well; water-level record included
in this report

○
Well; water-level record included
in other reports



Blaine County

Date	Water level	Date	Water level	Date	Water level
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21-21-30dd. 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 2,490.78 feet above msl. Highest water level 2.01 below lsd, Apr. 7, 1950; lowest water level 2.30 below lsd, Apr. 27, 1950. Records available: 1950.

Apr. 7, 1950	2.01	Apr. 27, 1950	2.30		
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21-21-32aa. 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 2,489.40 feet above msl. Highest water level 9.66 below lsd, Sept. 1, 1950; lowest water level 11.54 below lsd, Feb. 6, 1950. Records available: 1950-51.

Mar. 14, 1951	10.95	May 22, 1951	9.86		
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21-21-33ba. U. S. Bureau of Reclamation. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 47 feet. Land-surface datum is 2,518.28 feet above msl. Highest water level 41.76 below lsd, July 17, 1952; lowest water level 42.87 below lsd, Apr. 7, 1950. Records available: 1950-53.

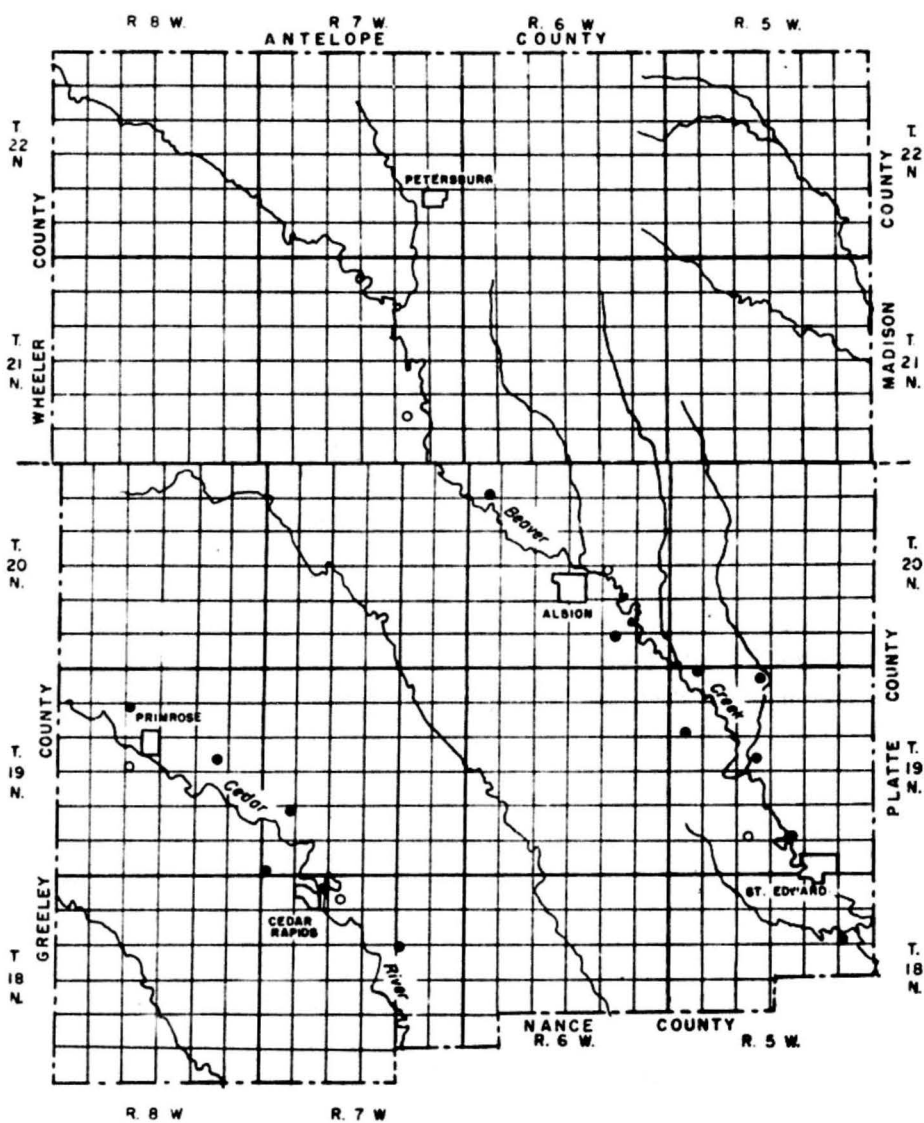
Mar. 14, 1951	42.49	Feb. 18, 1952	41.82	July 17, 1952	41.76
May 22	42.44	Apr. 15	41.78	July 16, 1953	42.24
Nov. 28	41.85				

21-21-33ca. 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 2,480.47 feet above msl. Highest water level 5.99 below lsd, May 22, 1951; lowest water level 6.79 below lsd, July 17, 1952. Records available: 1951-53.

May 22, 1951	5.99	Apr. 15, 1952	6.38	July 16, 1953	7.18
Sept. 12	6.09	July 17	6.79		

21-21-33cc. 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 2,476.83 feet above msl. Highest water level 1.85 below lsd, May 22, 1951; lowest water level 7.48 below lsd, Nov. 28, 1951. Records available: 1950-53.

Mar. 14, 1951	3.72	Sept. 12, 1951	3.43	July 17, 1952	4.57
May 22	1.85	Nov. 28	7.48	July 16, 1953	4.49
July 30	7.17	Apr. 15, 1952	3.48		



EXPLANATION

● Well, water-level record included in this report

○ Well, water-level record included in other reports



BOONE COUNTY

0 5 Miles

Blaine County--Continued

Date	Water level	Date	Water level	Date	Water level
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21-21-33dc. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 16 feet. Land-surface datum is 2,482.32 feet above msl. Highest water level 9.43 below lsd, July 30, 1951; lowest water level 10.99 below lsd, Apr. 7, 1950. Records available: 1950-51.

July 30, 1951	9.43	Sept. 12, 1951	9.50		
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23-22-22cc. University of Nebraska. Driven observation water-table well in fine sand, diameter 1 inch, depth 13 feet. Highest water level 2.23 below lsd, May 25, 1951; lowest water level 4.38 below lsd, July 21, 1936. Records available: 1935-42, 1948-53.

July 12, 1950	2.85	Oct. 18, 1951	2.50	Oct. 26, 1953	2.61
May 25, 1951	2.23	Oct. 10, 1952	2.85		

Boone County

Date	Water level	Date	Water level	Date	Water level
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18-5-12cc. Fay Smith. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 65 feet. Highest water level 10.53 below lsd, July 25, 1950; lowest water level 13.98 below lsd, Sept. 28, 1948. Records available: 1948-51.

Jan. 10, 1950	13.19	May 23, 1950	12.63	Jan. 2, 1951	12.65
Feb. 9	13.05	June 22	12.41	Feb. 20	12.72
Mar. 2	12.90	July 25	10.53	May 4	11.65
28	12.61	Aug. 22	11.13	Aug. 22	11.56
Apr. 25	12.81	Oct. 24	12.40	Dec. 27	12.63

18-7-5ad. U. S. Geol. Survey. Formerly University of Nebraska. Driven observation water-table well in sand, diameter 1 inch, depth 14 feet. Highest water level 2.14 below lsd, July 26, 1950; lowest water level 6.33 below lsd, Aug. 6, 1935. Records available: 1935-42, 1948-52.

Jan. 5, 1950	4.76	June 21, 1950	4.66	Feb. 19, 1951	4.47
Feb. 3	4.28	July 26	2.14	May 8	3.40
27	4.29	Aug. 21	4.51	Aug. 13	3.93
Mar. 30	3.24	Oct. 23	5.74	Dec. 27	3.16
Apr. 27	4.77	Dec. 29	4.31	Oct. 28, 1952	3.75
May 22	4.21				

Boone County--Continued

Date	Water level	Date	Water level	Date	Water level
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18-7-14bb. Alois Kleffner. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 250 feet. Highest water level 56.64 below lsd, Dec. 27, 1951; lowest water level 59.62 below lsd, Mar. 30, 1950. Records available: 1948-51.

Jan. 6, 1950	57.93	May 29, 1950	57.39	Feb. 19, 1951	57.08
Feb. 6	57.87	June 21	57.46	May 8	56.98
28	57.63	July 24	56.94	Aug. 13	57.76
Mar. 30	59.62	Oct. 23	57.32	Dec. 27	56.64
Apr. 27	57.96	Dec. 29	57.10		

19-5-4ac. C. Choat. Drilled irrigation water-table well in sand of Pleistocene age, diameter 22 inches, depth 142 feet. Highest water level 63.80 below lsd, Aug. 22, 1950; lowest water level 65.71 below lsd, Aug. 9, 1949. Records available: 1948-51.

Jan. 10, 1950	65.15	July 25, 1950	64.09	Feb. 19, 1951	64.33
Apr. 26	64.62	Aug. 22	63.80	May 8	63.99
May 23	64.49	Oct. 24	64.15	Aug. 22	64.09
June 22	64.31	Jan. 2, 1951	64.44		

19-5-6aa. Carl Olson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Highest water level 40.30 below lsd, July 25, 1950; lowest water level 42.95 below lsd, Sept. 28, 1948. Records available: 1948-51.

Jan. 10, 1950	42.38	July 25, 1950	40.30	Feb. 20, 1951	41.66
Apr. 25	41.71	Aug. 22	40.78	May 4	40.79
May 23	41.45	Oct. 24	41.62	Aug. 22	40.84
June 22	41.13	Jan. 2, 1951	41.58	Dec. 27	41.26

19-5-7cd. G. W. Groesh. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 147 feet. Highest water level 43.76 below lsd, July 25, 1950; lowest water level 45.67 below lsd, Sept. 22, 1949. Records available: 1948-51.

Jan. 10, 1950	45.47	May 23, 1950	44.73	Jan. 2, 1951	44.73
Feb. 8	45.26	June 22	44.53	Feb. 20	44.84
Mar. 2	45.21	July 25	43.76	May 4	44.14
28	44.78	Aug. 22	44.03	Aug. 22	44.29
Apr. 25	44.71	Oct. 24	44.73	Dec. 27	44.57

19-5-16db. Elmer Choat. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 22 inches, depth 129 feet. Highest water level 21.88 below lsd, July 25, 1950; lowest water level 24.85 below lsd, Sept. 28, 1948. Records available: 1948-51.

Jan. 10, 1950	24.33	May 23, 1950	23.43	Jan. 2, 1951	23.87
Feb. 9	24.10	June 22	23.10	Feb. 20	23.84
Mar. 2	23.93	July 25	21.88	May 4	22.71
28	23.32	Aug. 22	22.69	Aug. 22	22.89
Apr. 25	23.77	Oct. 24	23.71	Dec. 27	23.63

Boone County--Continued

Date	Water level	Date	Water level	Date	Water level
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19-5-27dc. Louis Gasper. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 65 feet. Highest water level 11.33 below lsd, July 25, 1950; lowest water level 15.01 below lsd, Aug. 9, 1949. Records available: 1948-51.

Jan. 10, 1950	13.89	May 23, 1950	13.11	Jan. 2, 1951	13.57
Feb. 9	13.57	June 22	12.98	Feb. 20	13.53
Mar. 2	13.47	July 25	11.33	May 4	12.43
28	12.99	Aug. 22	12.57	Aug. 22	12.72
Apr. 25	13.50	Oct. 24	13.51	Dec. 27	13.39

19-7-30aa. Roy Green. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 18 inches, depth 98 feet. Highest water level 21.93 below lsd, July 25, 1950; lowest water level 25.48 below lsd, Nov. 1, 1949. Records available: 1948-51.

Jan. 5, 1950	24.43	May 29, 1950	23.74	Oct. 23, 1950	23.29
Feb. 3	24.45	June 21	23.77	Dec. 29	23.89
Mar. 30	23.86	July 25	21.93	Feb. 19, 1951	23.93
Apr. 27	23.42	Aug. 21	22.85	May 8	23.48

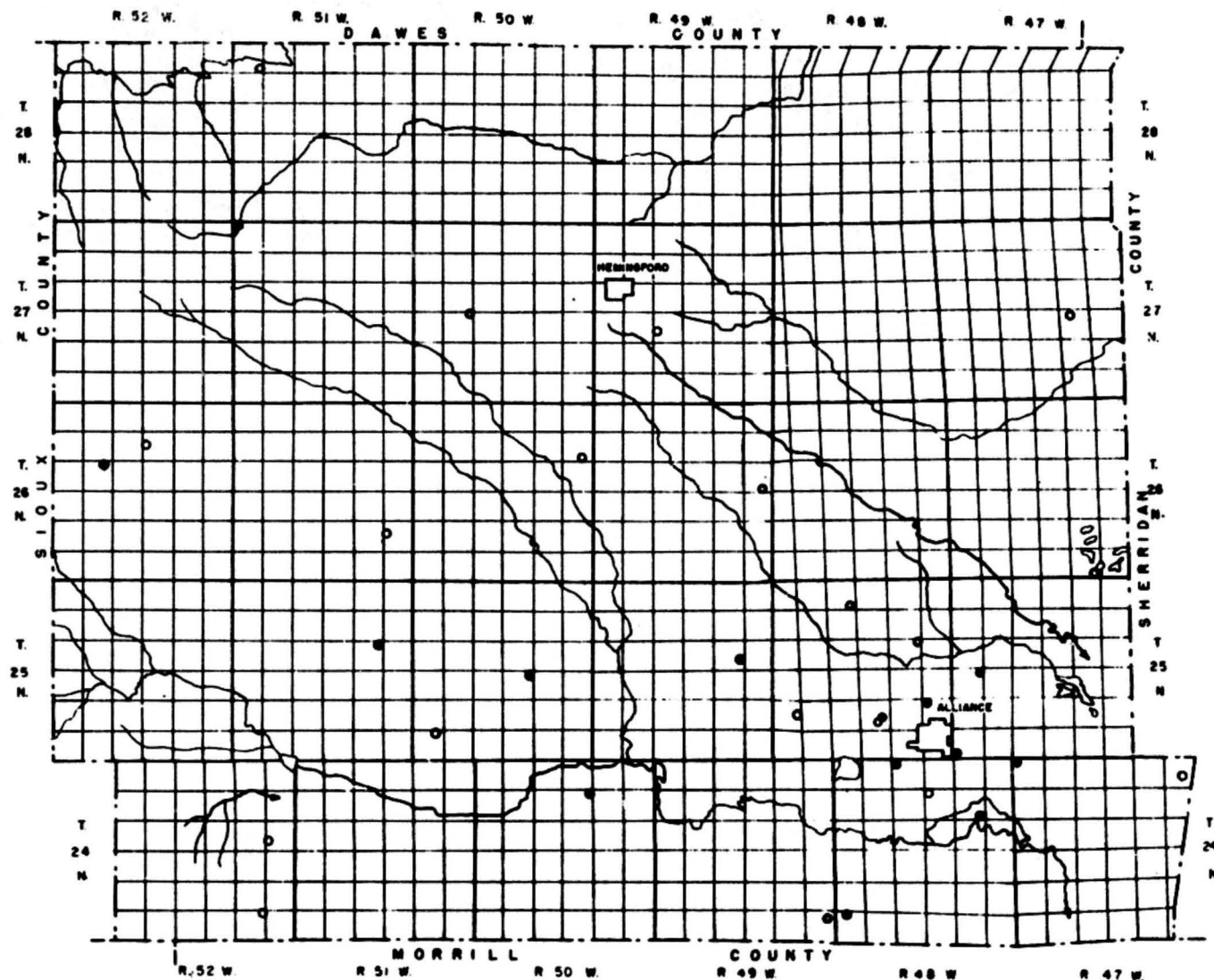
19-7-31cc. Wm. Brown. Drilled irrigation water-table well in clay, sand and gravel, diameter 18 inches, depth 96 feet. Highest water level 35.53 below lsd, July 24, 1950; lowest water level 37.65 below lsd, Sept. 29, 1948. Records available: 1948-51.

Jan. 5, 1950	36.82	May 29, 1950	36.24	Oct. 23, 1950	37.02
Feb. 6	36.58	June 21	36.46	Dec. 29	36.41
Mar. 30	36.38	July 24	35.53	Feb. 19, 1951	36.38
Apr. 27	36.58	Aug. 21	35.83	May 8	36.24

19-8-9bb. H. Curring. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 160 feet. Highest water level 68.79 below lsd, May 8, 1951; lowest water level 69.85 below lsd, Sept. 29, 1948. Records available: 1948-51.

Jan. 5, 1950	69.67	June 21, 1950	69.29	Dec. 29, 1950	68.99
Feb. 6	69.57	July 24	69.08	Feb. 19, 1951	69.06
27	69.44	Aug. 21	68.97	May 8	68.79
Mar. 30	69.39	Oct. 23	68.90	Aug. 13	69.36
May 26	69.35				

19-8-14db. John West. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 100 feet. Highest water level 24.56 below lsd, Aug. 21, 1950; lowest water level 26.58 below lsd, Sept. 29, 1948. Records available: 1948-51.



BOX BUTTE COUNTY

0 5 Miles

EXPLANATION

- Well, water-level record included in this report
- Well, water-level record included in other reports



Boone County--Continued

Date	Water level	Date	Water level	Date	Water level
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19-8-1ldb--Continued.

Jan. 5, 1950	26.22	May 23, 1950	25.79	Dec. 29, 1950	25.38
Feb. 6	26.11	June 21	25.79	Feb. 19, 1951	25.40
27	26.07	July 24	25.14	May 8	25.11
Mar. 30	25.79	Aug. 21	24.56	Aug. 13	25.08
Apr. 27	25.92	Oct. 23	25.07	Dec. 26	25.28

20-6-6dc. Owner unknown. Drilled stock water-table well in sand of Pleistocene age, diameter 3 inches, depth 78 feet. Highest water level 66.04 below lsd, Dec. 27, 1951; lowest water level 69.54 below lsd, June 8, 1949. Records available: 1948-51.

Jan. 10, 1950	68.12	May 23, 1950	67.65	Jan. 2, 1951	67.13
Feb. 9	68.06	June 22	67.37	Feb. 20	67.22
Mar. 2	67.98	July 25	66.53	May 4	66.59
28	67.52	Aug. 22	66.16	Aug. 22	66.52
Apr. 25	67.63	Oct. 24	66.98	Dec. 27	66.04

20-6-35ba. Lawrence Thompson. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 154 feet. Highest water level 44.69 below lsd, July 6, 1949; lowest water level 52.04 below lsd, Sept. 22, 1949. Records available 1948-51.

Jan. 10, 1950	50.43	June 22, 1950	49.15	Jan. 2, 1951	49.65
Feb. 9	50.13	July 25	47.79	Feb. 20	49.71
Apr. 25	49.69	Aug. 22	48.50	May 4	48.52
May 23	49.68	Oct. 24	48.88	Aug. 22	48.81

Box Butte County

Date	Water level	Date	Water level	Date	Water level
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24-47-6bb. Enoch Boyer. Drilled stock water-table well in sand of Pleistocene age, diameter 8 inches, depth 76 feet. Highest water level 33.85 below lsd, July 21, 1938; lowest water level 34.23 below lsd, Sept. 13, 1949. Records available: 1938, 1949.

July 21, 1938	33.85	Sept. 13, 1949	34.23		
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24-48-4bb. U. S. Geol. Survey. Driven observation water-table well in sediments of Quaternary age, diameter 1 1/4 inches, depth 18 feet. Land-surface datum is 3,942.8 feet above msl. Highest water level 13.32 below lsd, Apr. 11, 1946; lowest water level 19.37 below lsd, Oct. 30, 1953. Records available 1946-53.

Box Butte County--Continued

Date	Water level	Date	Water level	Date	Water level
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24-48-4bb--Continued.

Jan. 24, 1950	15.36	Dec. 18, 1950	16.72	June 30, 1952	17.48
Apr. 6	15.65	Feb. 19, 1951	16.84	June 15, 1953	18.77
Aug. 15	16.18	Apr. 19	16.50	Sept. 26	19.28
Oct. 16	15.44	Sept. 6	17.22	Oct. 30	19.37

24-48-11dd. U. S. Geol. Survey. Formerly University of Nebraska. Driven observation water-table well in sand of Pleistocene age, diameter $1\frac{1}{4}$ inches, depth 14 feet. Land-surface datum is 3,930.2 feet above msl. Highest water level 3.81 below lsd, July 14, 1949; lowest water-level 7.05 below lsd, Nov. 12, 1946. Records available: 1946-53.

Jan. 24, 1950	5.92	Dec. 18, 1950	5.90	July 1, 1952	4.81
Apr. 5	5.48	Feb. 19, 1951	5.77	June 17, 1953	5.03
Aug. 14	5.89	Apr. 17	5.50	Sept. 27	6.78
Oct. 16	6.02	Sept. 6	4.83	Oct. 30	6.81

24-48-31ba. O. A. Odell. Drilled irrigation water-table well in sand and gravel of Pleistocene age, diameter 12 inches, depth 70 feet. Land-surface datum is 4,019.00 feet above msl. Highest water level 38.14 below lsd, Sept. 6, 1951; lowest water level 39.41 below lsd, Dec. 19, 1950. Records available: 1946, 1948-51, 1953.

Jan. 26, 1950	38.49	Dec. 19, 1950	39.41	Sept. 6, 1951	38.14
Apr. 6	38.38	Feb. 21, 1951	38.45	Sept. 27, 1953	38.91
Oct. 17	39.33	Apr. 18	38.68		

24-50-10aa. John Nolan. Drilled domestic and stock water-table well in sand of Pleistocene sand, diameter 12 inches, depth 82 feet. Land-surface datum is 4,094.02 feet above msl. Highest water level 48.68 below lsd, June 3, 1946; lowest water level 52.02 below lsd, July 2, 1938. Records available: 1938-40, 1942, 1944, 1946-53.

Jan. 24, 1950	49.06	Dec. 18, 1950	49.30	Sept. 6, 1951	48.90
Apr. 4	49.19	Feb. 20, 1951	49.34	July 1, 1952	48.79
Aug. 15	49.26	Apr. 18	49.39	June 16, 1953	49.24
Oct. 17	49.25				

25-47-19aa. Owner unknown. Drilled domestic water-table well in sand of Pleistocene age, diameter 6 inches, depth 36 feet. Land-surface datum is 3,931.10 feet above msl. Highest water level 20.35 below lsd, July 21, 1938; lowest water level 24.95 below lsd, Sept. 13, 1949. Records available: 1938, 1946-47, 1949-50.

May 11, 1949	22.36	Nov. 23, 1949	23.85	Apr. 5, 1950	23.57
Sept. 13	24.95	Jan. 25, 1950	23.61		

Box Butte County--Continued

Date	Water level	Date	Water level	Date	Water level
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25-47-31cc. U. S. Geol. Survey. Formerly University of Nebraska. 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 below lsd, Aug. 28, 1947; lowest water level 20.13 below lsd, Apr. 19, 1951. Records available: 1946-53.

Jan. 25, 1950	19.71	Dec. 18, 1950	18.98	June 30, 1952	17.53
Apr. 6	19.91	Feb. 19, 1951	19.08	June 17, 1953	20.10
Aug. 14	18.83	Apr. 19	20.18	Sept. 27	19.82
Oct. 16	18.48	Sept. 5	17.56		

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 below lsd, Mar. 29, 1946; lowest water level 81.69 below lsd, July 13, 1949. Records available: 1946-53.

Jan. 24, 1950	74.82	Feb. 20, 1951	75.51	July 1, 1952	77.93
Apr. 5	74.58	Apr. 17	75.57	June 17, 1953	74.16
Oct. 17	76.68	Sept. 6	80.14	Sept. 27	81.00
Dec. 19	75.70				

25-48-27db. Andrew Peppier. 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 below lsd, May 13, 1946; lowest water level 73.68 below lsd, July 2, 1951. Records available: 1946-51.

Jan. 25, 1950	70.32	Feb. 20, 1951	71.36	July 2, 1951	73.68
Dec. 18	70.92				

25-49-14da. John Sass. Drilled observation water-table well in sand of Pleistocene age, diameter 6 inches. Land-surface datum is 4,034.73 feet above msl. Highest water level 30.50 below lsd, Jan. 25, 1950; lowest water level 33.10 below lsd, Sept. 13, 1949. Records available: 1946-51.

Jan. 25, 1950	30.50	Oct. 16, 1950	30.71	Apr. 17, 1951	30.69
Apr. 4	30.94	Dec. 18	30.72	Sept. 6	31.28
Aug. 15	30.84	Feb. 19, 1951	32.24		

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 below lsd, Jan. 24, 1950; lowest water level 132.54 below lsd, May 1, 1947. Records available: 1946-53.

Box Butte County--Continued

Date	Water level	Date	Water level	Date	Water level
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25-50-22aa--Continued.

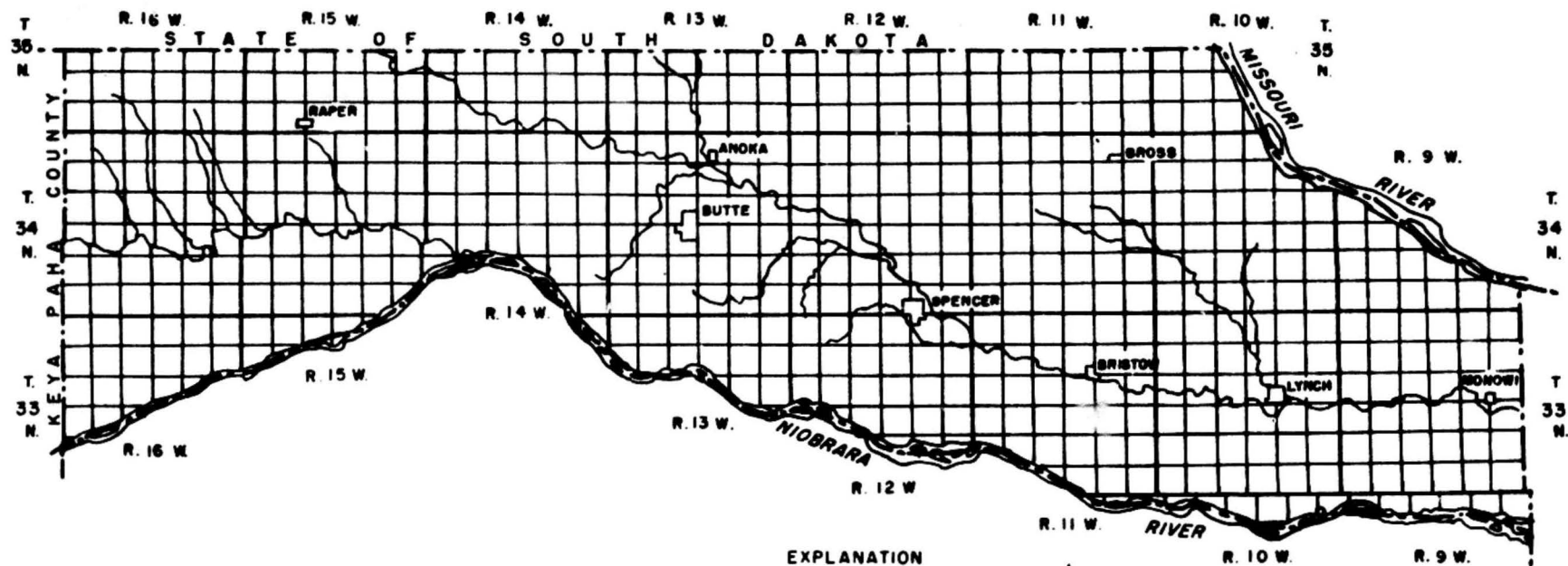
Jan. 24, 1950	131.61	Dec. 19, 1950	132.02	Sept. 6, 1951	131.70
Apr. 4	132.11	Feb. 20, 1951	132.13	July 1, 1952	131.96
Aug. 15	131.91	Apr. 18	131.97	Sept. 27, 1953	131.41
Oct. 17	131.83				

25-51-14aa. C. A. Allen. Drilled irrigation water-table well in sand of Pleistocene age, diameter 6 inches, depth 112 feet. Land-surface datum is 4,251.62 feet above msl. Highest water level 87.71 below lsd, May 10, 1949; lowest water level 90.04 below lsd, Feb. 27, 1946. Records available: 1938-42, 1944, 1946-53.

Jan. 24, 1950	89.80	Dec. 19, 1950	88.50	Sept. 6, 1951	88.01
Apr. 4	88.60	Feb. 20, 1951	88.44	July 1, 1952	89.13
Aug. 15	89.25	Apr. 18	88.16	June 16, 1953	88.67
Oct. 17	88.12				

26-52-17ab. Lew Bauer. Drilled irrigation water-table well in Harrison formation, depth 103 feet. Highest water level 73.10 below lsd, Feb. 20, 1951; lowest water level 76.17 below lsd, Dec. 13, 1950. Records available: 1938-42, 1944, 1946-53.

Jan. 24, 1950	74.66	Feb. 20, 1951	73.10	July 1, 1952	73.28
Oct. 17	73.24	Apr. 18	73.35	June 16, 1953	73.54
Dec. 13	76.17	Sept. 5	73.18	Sept. 27	73.30



BOYD COUNTY

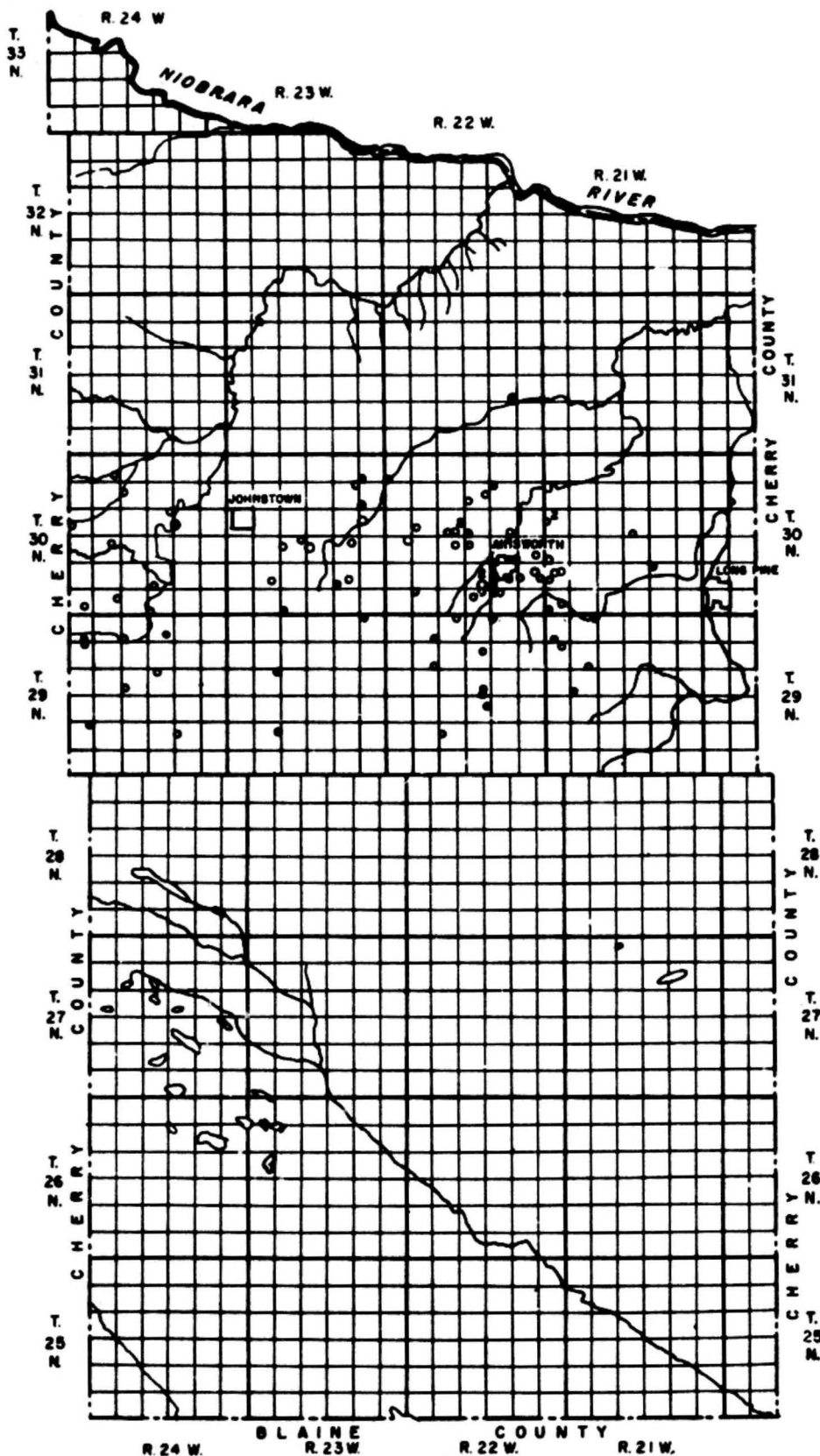
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EXPLANATION

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Well; water-level record included
in this report.

○
Well; water-level record included
in other reports

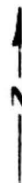




EXPLANATION

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Well, water-level record included
in this report

○
Well, water-level record included
in other reports



BROWN COUNTY

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Boyd County

Date	Water level	Date	Water level	Date	Water level
32-10-1cc. U. S. Geol. Survey. Formerly University of Nebraska. Driven observation water table well in sand, diameter 1 inch, depth 15 feet. Highest water level 7.44 below lsd, Jan. 15, 1936; lowest water level 10.18 below lsd, Oct. 30, 1940. Records available: 1935-42, 1946, 1953.					
Dec. 1, 1953	2.65				

Boyd County

Date	Water level	Date	Water level	Date	Water level
29-21-6cd. R. Antelson. Dug and drilled observation water-table well in sand of Pleistocene age, diameter 6 inch, depth 85 feet. Highest water level .50 below lsd, Apr. 4, 1952; lowest water level 2.00 below lsd, Jan. 17, 1945. Records available: 1944-45, 1947-53.					
July 20, 1953	2.39	Oct. 26, 1953	4.47		

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 3.03 below lsd, July 21, 1950. Records available: 1950-53.					
July 20, 1953	1.28	Oct. 26, 1953	1.02		

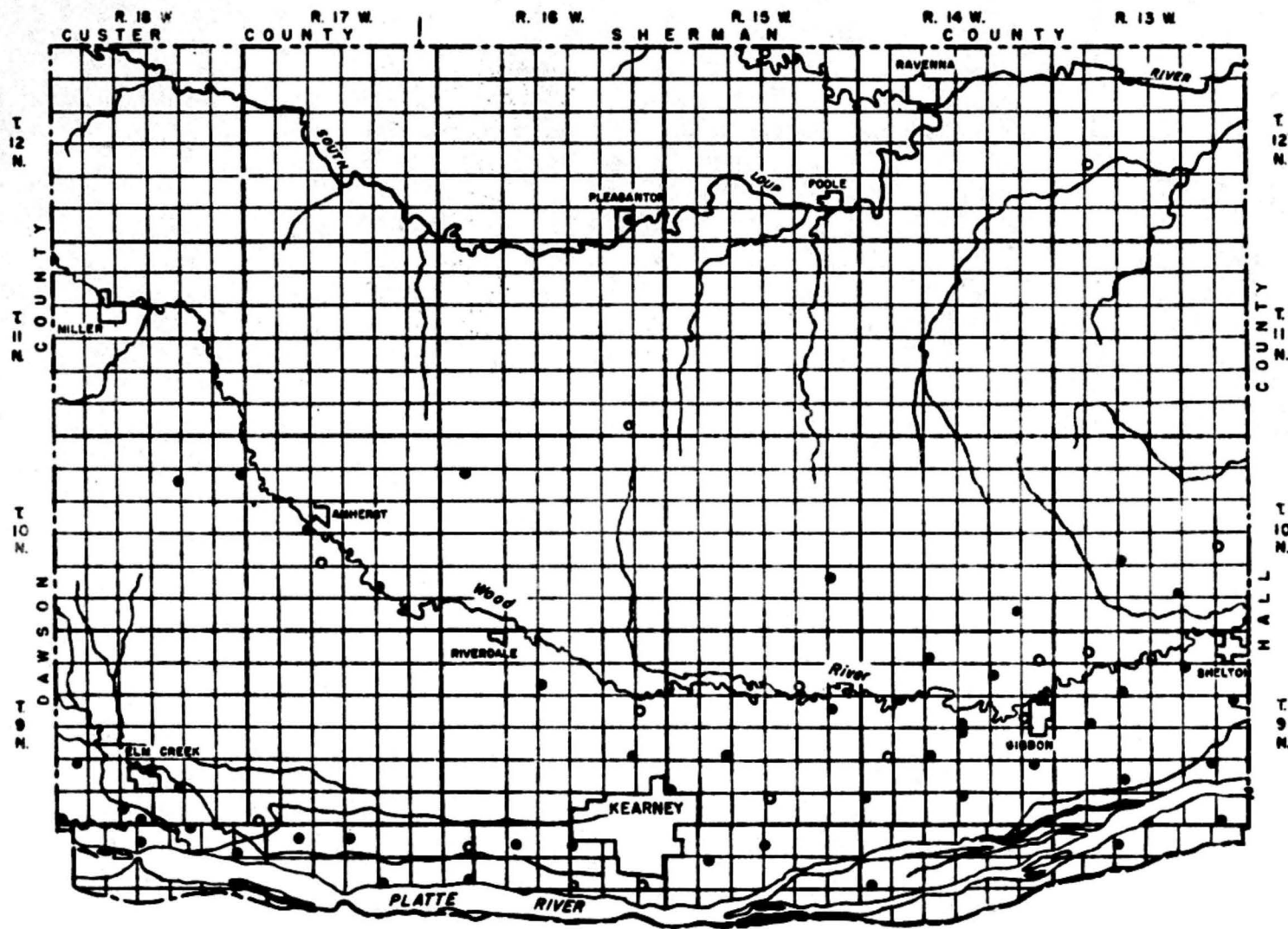
29-22-15dcd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 16 feet. Land-surface datum is 2,581.66 feet above msl. Highest water level 1.88 below lsd, Jan. 17, 1952; lowest water level 5.89 below lsd, Sept. 23, 1952. Records available: 1950-53.					
July 20, 1953	4.85	Oct. 26, 1953	5.02		

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 below lsd, Oct. 5, 1951; lowest water level 6.13 below lsd, Nov. 14, 1952. Records available: 1950-53.					
July 20, 1953	4.81	Oct. 26, 1953	5.61		

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 below lsd, Apr. 4, 1952; lowest water level 4.90 below lsd, July 6, 1950. Records available: 1950-53.					
July 21, 1953	3.73	Oct. 27, 1953	3.33		

Brown County--Continued

Date	Water level	Date	Water level	Date	Water level
29-24-6dc. 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 2,697.69 feet above msl. Highest water level 1.03 below lsd, Jan. 18, 1952; lowest water level 4.18 below lsd, Aug. 3, 1950. Records available: 1950-53.					
July 21, 1953	3.46	Oct. 27, 1953	3.35		
30-21-26bb. 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 below lsd, Dec. 31, 1952; lowest water level 47.82 below lsd, Sept. 14, 1948. Records available: 1947-53.					
July 20, 1953	43.20	Oct. 28, 1953	40.41		
30-22-11bb. U. S. Geol. Survey. Drilled observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 9 1/4 feet. Land-surface datum is 2,518.52 feet above msl. Highest water level 61.66 below lsd, Oct. 28, 1953; lowest water level 62.23 below lsd, July 20, 1953. Records available: 1953.					
July 20, 1953	62.23	Oct. 28, 1953	61.66		
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 below lsd, Dec. 31, 1952; lowest water level 48.87 below lsd, Oct. 17, 1949. Records available: 1947-53.					
Oct. 28, 1953	38.79				
30-22-23dc. Quinn. Diameter 18 inches, Land-surface datum is 2,527.78 feet above msl. Highest water level 35.02 below lsd, Apr. 4, 1952; lowest water level 36.97 below lsd, Jan. 29, 1948. Records available: 1948, 1950-53.					
July 20, 1953	35.93	Oct. 28, 1953	36.20		
30-22-26db. Morris Skinner. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 6 feet, depth 68 feet. Land-surface datum is 2,525.00 feet above msl. Highest water level 21.66 below lsd, June 24, 1952; lowest water level 29.00 below lsd, Aug. 15, 1937. Records available: 1937, 1939-45, 1947-53.					
July 20, 1953	23.04				
30-23-26cc. 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 2,588.74 feet above msl. Highest water level 2.30 below lsd, Sept. 26, 1950; lowest water level 4.86 below lsd, Nov. 14, 1952. Records available: 1950-53.					
Oct. 26, 1953	4.71				



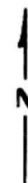
BUFFALO COUNTY

0 5 Miles

EXPLANATION

●
Well; water-level record included
in this report.

○
Well, water-level record included
in other reports



Brown County--Continued

Date	Water level	Date	Water level	Date	Water level
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 below lsd, Jan. 17, 1952; lowest water level 4.92 below lsd, Sept. 23, 1952. Records available: 1950-53.					
July 20, 1953	3.72	Oct. 26, 1953	4.03		

Buffalo County

Date	Water level	Date	Water level	Date	Water level
8-13-4cb. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 47 feet. Land-surface datum is 2,043.58 feet above msl. Highest water level 5.82 below lsd, Apr. 12, 1949; lowest water level 6.42 below lsd, Mar. 29, 1947. Records available: 1947-51.					
Mar. 29, 1947	6.42	Apr. 12, 1949	5.82	May 4, 1951	6.26
Mar. 29, 1948	6.32	Feb. 28, 1950	6.25		
8-14-7cd. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 35 feet. Land-surface datum is 2,092.72 feet above msl. Highest water level 4.21 below lsd, Mar. 29, 1947; lowest water level 4.70 below lsd, Mar. 1, 1950. Records available: 1947-50.					
Mar. 29, 1947	4.21	Mar. 1, 1950	4.70	Measurement discontinued	
Mar. 29, 1948	4.36				
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 below lsd, Jan. 11, 1952; lowest water level 16.88 below lsd, Sept. 17, 1953. Records available: 1947-53.					
Mar. 29, 1947	13.66	Mar. 1, 1950	14.22	Oct. 2, 1952	14.18
Mar. 29, 1948	14.60	May 4, 1951	14.57	Mar. 18, 1953	14.13
Apr. 13, 1949	14.60	Jan. 11, 1952	13.57	Sept. 17	16.88
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 2,128.67 feet above msl. Highest water level 12.12 below lsd, Mar. 29, 1947; lowest water level 16.11 below lsd, Sept. 16, 1953. Records available: 1947-53.					
Mar. 29, 1947	12.12	Mar. 1, 1950	13.30	Oct. 2, 1952	13.18
Mar. 29, 1948	13.86	May 4, 1951	13.03	Mar. 18, 1953	13.30
Apr. 13, 1949	12.70	Mar. 19, 1952	12.74	Sept. 16	16.11

Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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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 below lsd, Sept. 7, 1949; lowest water level 13.22 below lsd, Aug. 7, 1946. Records available: 1946-53.

Jan. 11, 1952	11.55	Oct. 3, 1952	11.14	Dec. 2, 1953	12.23
Mar. 7	11.34				

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 below lsd, Mar. 29, 1947; lowest water level 19.11 below lsd, May 7, 1951. Records available: 1947-51, 1953.

Mar. 29, 1947	16.60	Mar. 1, 1950	17.30	Sept. 18, 1953	16.58
Mar. 29, 1948	18.49	May 7, 1951	19.11	Dec. 2	14.84
Apr. 13, 1949	16.62				

8-17-4bc. Henry Richards. Driven observation water-table well in sand of Pleistocene age, diameter 24 inches, depth 30 feet. Land-surface datum is 2,214.16 feet above msl. Highest water level 5.68 below lsd, Mar. 12, 1947; lowest water level 10.96 below lsd, Sept. 18, 1953. Records available: 1946-53.

Jan. 11, 1952	7.04	Oct. 3, 1952	10.10	Sept. 18, 1953	10.96
Mar. 7	6.78	Apr. 21, 1953	7.14	Dec. 2	10.70

8-17-6ac. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 36 inches, depth 42 feet. Land-surface datum is 2,228.15 feet above msl. Highest water level 8.71 below lsd, Apr. 13, 1949; lowest water level 13.69 below lsd, Dec. 2, 1953. Records available: 1947-51, 1953.

Mar. 29, 1947	9.95	Apr. 13, 1949	8.71	May 7, 1951	10.14
Mar. 29, 1948	11.70	Mar. 1, 1950	9.95	Dec. 2, 1953	13.69

8-17-10cc. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 36 inches, depth 36 feet. Land-surface datum is 2,197.95 feet above msl. Highest water level 3.84 below lsd, Apr. 13, 1949; lowest water level 7.73 below lsd, Sept. 18, 1953. Records available: 1947-51, 1953.

Mar. 29, 1947	4.11	Apr. 13, 1949	3.84	May 7, 1951	5.68
Mar. 29, 1948	4.73	Mar. 1, 1950	4.88	Sept. 18, 1953	7.73

8-17-12dd. 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 2,174.72 feet above msl. Highest water level .89 below lsd, Mar. 9, 1948; lowest water level 5.00 below lsd, Oct. 27, 1940. Records available: 1931-42, 1945-53.

Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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8-17-12dd--Continued.

Jan. 4, 1950	2.44	July 5, 1950	3.43	Oct. 3, 1952	3.09
Mar. 1	1.98	Aug. 2, 1951	2.56	Sept. 18, 1953	4.02
May 10	2.37	Oct. 18	1.97		

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 below lsd, Mar. 29, 1948; lowest water level 3.35 below lsd, Oct. 3, 1952. Records available: 1947-53.

Mar. 29, 1947	2.41	Mar. 1, 1950	2.49	Apr. 21, 1953	3.02
Mar. 29, 1948	2.22	May 7, 1951	3.06	Dec. 2	3.05
Apr. 13, 1949	2.62	Oct. 3, 1952	3.35		

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 below lsd, May 7, 1951, lowest water level 9.95 below lsd, Mar. 1, 1950. Records available: 1947-51.

Mar. 29, 1947	9.20	Apr. 13, 1949	9.42	May 7, 1951	8.85
Mar. 29, 1948	9.54	Mar. 1, 1950	9.95		

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 below lsd, Oct. 7, 1946; lowest water level 10.07 below lsd, Sept. 7, 1948. Records available: 1946-53.

Jan. 11, 1952	9.54	Oct. 3, 1952	9.78	Dec. 2, 1953	9.79
Mar. 7	9.58	Oct. 22, 1953	9.97		

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 below lsd, July 5, 1949; lowest water level 17.09 below lsd, Oct. 4, 1946. Records available: 1930-40, 1945-53.

Jan. 11, 1952	12.01	Oct. 2, 1952	12.75	Sept. 18, 1953	12.20.44
Mar. 19	11.89	Mar. 18, 1953	12.78		

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 below lsd, May 4, 1951; lowest water level 21.99 below lsd, Sept. 18, 1953. Records available: 1947-53.

Mar. 29, 1947	15.65	Mar. 1, 1950	14.52	Mar. 18, 1953	15.37
Mar. 29, 1948	15.02	May 4, 1951	14.27	Sept. 18	21.99
Apr. 13, 1949	17.42	Oct. 2, 1952	16.17		

Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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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 17.10 below lsd, Oct. 2, 1952; lowest water level 21.69 below lsd, Sept. 18, 1953. Records available: 1947-53.

Mar. 29, 1947	17.88	May 4, 1951	17.18	Oct. 2, 1952	17.10
Mar. 29, 1948	18.37	Jan. 11, 1952	17.32	Mar. 18, 1953	18.28
Apr. 12, 1949	17.60	Mar. 19	17.12	Sept. 18	21.69
Mar. 1, 1950	17.70				

9-13-17cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 42 1/4 feet. Land-surface datum is 2,051.75 feet above msl. Highest water level 14.80 below lsd, May 4, 1951; lowest water level 15.77 below lsd, Oct. 2, 1952. Records available: 1947-53.

Mar. 29, 1947	15.62	Mar. 1, 1950	15.35	Oct. 2, 1952	15.77
Mar. 29, 1948	15.65	May 4, 1951	14.80	Mar. 18, 1953	15.76
Apr. 13, 1949	15.56	Mar. 19, 1952	14.98		

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 below lsd, Apr. 12, 1949; lowest water level 7.81 below lsd, Sept. 17, 1953. Records available: 1947-50, 1953.

Mar. 29, 1947	7.79	Apr. 12, 1949	3.84	Mar. 18, 1953	4.55
Mar. 29, 1948	4.97	Mar. 1, 1950	5.97	Sept. 17	7.81

9-13-28cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 4 1/4 feet. Land-surface datum is 2,037.09 feet above msl. Highest water level 3.69 below lsd, Mar. 19, 1952; lowest water level 6.04 below lsd, Oct. 2, 1952. Records available: 1947-48, 1951-53.

Mar. 29, 1947	4.36	May 4, 1951	3.88	Oct. 2, 1952	6.04
Mar. 29, 1948	4.72	Mar. 19, 1952	3.69	Mar. 18, 1953	3.70

9-13-36cc. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 36 inches. Land-surface datum is 2,023.30 feet above msl. Highest water level 5.56 below lsd, Apr. 12, 1949; lowest water level 9.48 below lsd, Sept. 17, 1953. Records available: 1947-51, 1953.

Mar. 29, 1947	6.17	Apr. 12, 1949	5.56	May 4, 1951	6.86
Mar. 29, 1948	6.21	Mar. 1, 1950	7.80	Sept. 17, 1953	9.48

Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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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 below lsd, July 5, 1949; lowest water level 24.37 below lsd, Sept. 16, 1953. Records available: 1946-53.

Jan. 10, 1952	19.50	Oct. 6, 1952	21.41	Oct. 21, 1953	23.95
Mar. 19	19.25	Sept. 16, 1953	24.37		

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 below lsd, May 4, 1951; lowest water level 25.27 below lsd, Sept. 16, 1953. Records available: 1947-49, 1951-53.

Mar. 29, 1947	21.15	May 4, 1951	19.63	Oct. 6, 1952	21.29
Mar. 29, 1948	20.55	Jan. 10, 1952	20.19	Sept. 16, 1953	25.27
Apr. 13, 1949	20.80	Mar. 3	20.13		

9-14-15cc. Lester Deets. Dug irrigation water-table well in gravel, diameter 6 feet, depth 63 feet. Highest water level 25.09 below lsd, Mar. 19, 1952; lowest water level 29.51 below lsd, Sept. 25, 1953. Records available: 1952-53.

Jan. 10, 1952	25.17	Oct. 6, 1952	26.44	Sept. 25, 1953	29.51
Mar. 19	25.09	Sept. 16, 1953	29.37		

9-14-17bb. Mark Randall. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 75 feet. Land-surface datum is 2,094.99 feet above msl. Highest water level 19.43 below lsd, May 4, 1951; lowest water level 24.58 below lsd, Sept. 16, 1953. Records available: 1947-53.

Mar. 29, 1947	20.24	Mar. 1, 1950	20.13	Oct. 6, 1952	21.68
Mar. 29, 1948	19.44	May 4, 1951	19.43	Sept. 16, 1953	24.58
Apr. 13, 1949	20.37	Mar. 19, 1952	19.90		

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 below lsd, July 11, 1932; lowest water level 23.33 below lsd, Sept. 17, 1953. Records available: 1930-49, 1951-53.

Jan. 11, 1952	17.99	Mar. 19, 1952	18.32	Sept. 17, 1953	23.33
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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 below lsd, July 11, 1947; lowest water level 20.96 below lsd, Sept. 25, 1953. Records available: 1946-51, 1953.

Sept. 25, 1953	20.96	Oct. 22, 1953	20.30		
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Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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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 below lsd, May 4, 1951; lowest water level 17.38 below lsd, Sept. 17, 1953. Records available: 1947-53.

Mar. 29, 1947	11.80	Mar. 1, 1950	12.02	Oct. 2, 1952	13.23
Mar. 29, 1948	12.05	May 4, 1951	11.32	Mar. 18, 1953	12.73
Apr. 13, 1949	11.98	Mar. 3, 1952	11.92	Sept. 17	17.38

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 below lsd, Mar. 29, 1947; lowest water level 19.21 below lsd, Sept. 17, 1953. Records available: 1947-53.

Mar. 29, 1947	14.12	Mar. 1, 1950	14.95	Oct. 2, 1952	16.46
Mar. 29, 1948	14.80	May 4, 1951	14.41	Mar. 18, 1953	15.28
Apr. 13, 1949	15.24	Mar. 19, 1952	14.16	Sept. 17	19.21

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 below lsd, July 5, 1949; lowest water level 15.86 below lsd, Sept. 17, 1953. Records available: 1930-53.

Jan. 11, 1952	10.32	Oct. 2, 1952	13.21	Sept. 17, 1953	15.86
Mar. 19	10.46	Mar. 18, 1953	11.88	Oct. 28	15.53

9-15-13bc. Gladys Smith. 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 below lsd, Mar. 29, 1948; lowest water level 28.21 below lsd, Sept. 16, 1953. Records available: 1947-53.

Mar. 29, 1947	25.26	Mar. 1, 1950	24.30	Oct. 6, 1952	25.12
Mar. 29, 1948	23.22	May 4, 1951	23.40	Sept. 16, 1953	28.21
Apr. 13, 1949	24.23	Mar. 19, 1952	23.78		

9-15-17dd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch. Highest water level 11.38 below lsd, July 25, 1951; lowest water level 22.43 below lsd, Oct. 6, 1952. Records available: 1951-52.

July 25, 1951	11.38	Jan. 10, 1952	17.54	Oct. 6, 1952	22.43
Oct. 17	14.87	Mar. 7	19.10		

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 below lsd, May 4, 1951; lowest water level 34.04 below lsd, Sept. 16, 1953. Records available: 1947-53.

Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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9-15-30cc--Continued.

Mar. 29, 1947	32.40	Apr. 13, 1949	31.89	Oct. 6, 1952	31.86
Mar. 29, 1948	31.10	Mar. 1, 1950	31.45	Mar. 4, 1953	31.58
Mar. 16, 1949	32.00	May 4, 1951	30.90	Sept. 16	34.04

9-16-9cb. Charles Theis. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, Highest water level 28.94 below lsd, July 26, 1951; lowest water level 40.21 below lsd, Sept. 10, 1952. Records available: 1949-52.

Jan. 10, 1952	30.56	Apr. 29, 1952	30.30	Sept. 10, 1952	40.21
Mar. 7	30.53				

9-16-23dd. Holmes & Staubitz. Drilled irrigation water-table well in Ogallala formation, diameter 17 inches, depth 261 feet. Land-surface datum is 2,220 feet above msl. Highest water level 86.58 below lsd, July 26, 1951; lowest water level 88.49 below lsd, Aug. 20, 1951. Records available: 1951.

July 26, 1951	86.58	Aug. 20, 1951	88.49		
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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 below lsd, Oct. 7, 1946; lowest water level 9.39 below lsd, July 10, 1946. Records available: 1946-52.

Oct. 3, 1952	6.46				
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9-18-28ad. Owner unknown. Dug and drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 38 feet. Records available: 1949.

Apr. 13, 1949	11.45				
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9-18-30ab. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 60 inches, depth 28 feet. Land-surface datum is 2,275.28 feet above msl. Highest water level 2.90 below lsd, Apr. 13, 1949; lowest water level 6.98 below lsd, Dec. 2, 1953. Records available: 1947-53.

Mar. 29, 1947	2.96	Mar. 1, 1950	3.37	Oct. 3, 1952	5.79
Mar. 29, 1948	3.80	May 7, 1951	4.00	Dec. 2, 1953	6.98
Apr. 13, 1949	2.90				

9-18-33cb. Owner unknown. Depth 22 feet. Land-surface datum is 2,258.30 feet above msl. Highest water level 4.30 below lsd, Mar. 29, 1948; lowest water level 5.44 below lsd, May 7, 1951. Records available: 1948, 1951.

Mar. 29, 1948	4.30	May 7, 1951	5.44		
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Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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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 below lsd, Apr. 13, 1949; lowest water level 9.90 below lsd, Oct. 3, 1952. Records available: 1947-52.

Mar. 29, 1947	9.39	Apr. 13, 1949	9.06	May 7, 1951	9.89
Mar. 29, 1948	9.75	Mar. 1, 1950	9.50	Oct. 3, 1952	9.90

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 below lsd, Mar. 3, 1952; lowest water level 33.84 below lsd, Sept. 16, 1953. Records available: 1947-48, 1950-53.

Mar. 29, 1947	27.53	May 4, 1951	25.40	Oct. 2, 1952	27.57
Mar. 29, 1948	27.95	Jan. 10, 1952	24.76	Sept. 16, 1953	33.84
Mar. 29, 1950	26.05	Mar. 3	24.67		

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 below lsd, Jan. 10, 1952; lowest water level 24.89 below lsd, Sept. 16, 1953. Records available: 1947-53.

Mar. 29, 1947	22.79	Mar. 1, 1950	20.65	Oct. 2, 1952	20.92
Mar. 29, 1948	22.02	May 4, 1951	19.92	Sept. 16, 1953	24.89
Apr. 12, 1949	21.46	Jan. 10, 1952	19.43		

10-14-35ad. Hemmerlings. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 75 feet. Land-surface datum is 2,034.29 feet above msl. Highest water level 32.19 below lsd, May 4, 1951; lowest water level 39.02 below lsd, Mar. 29, 1948. Records available: 1948-49, 1951.

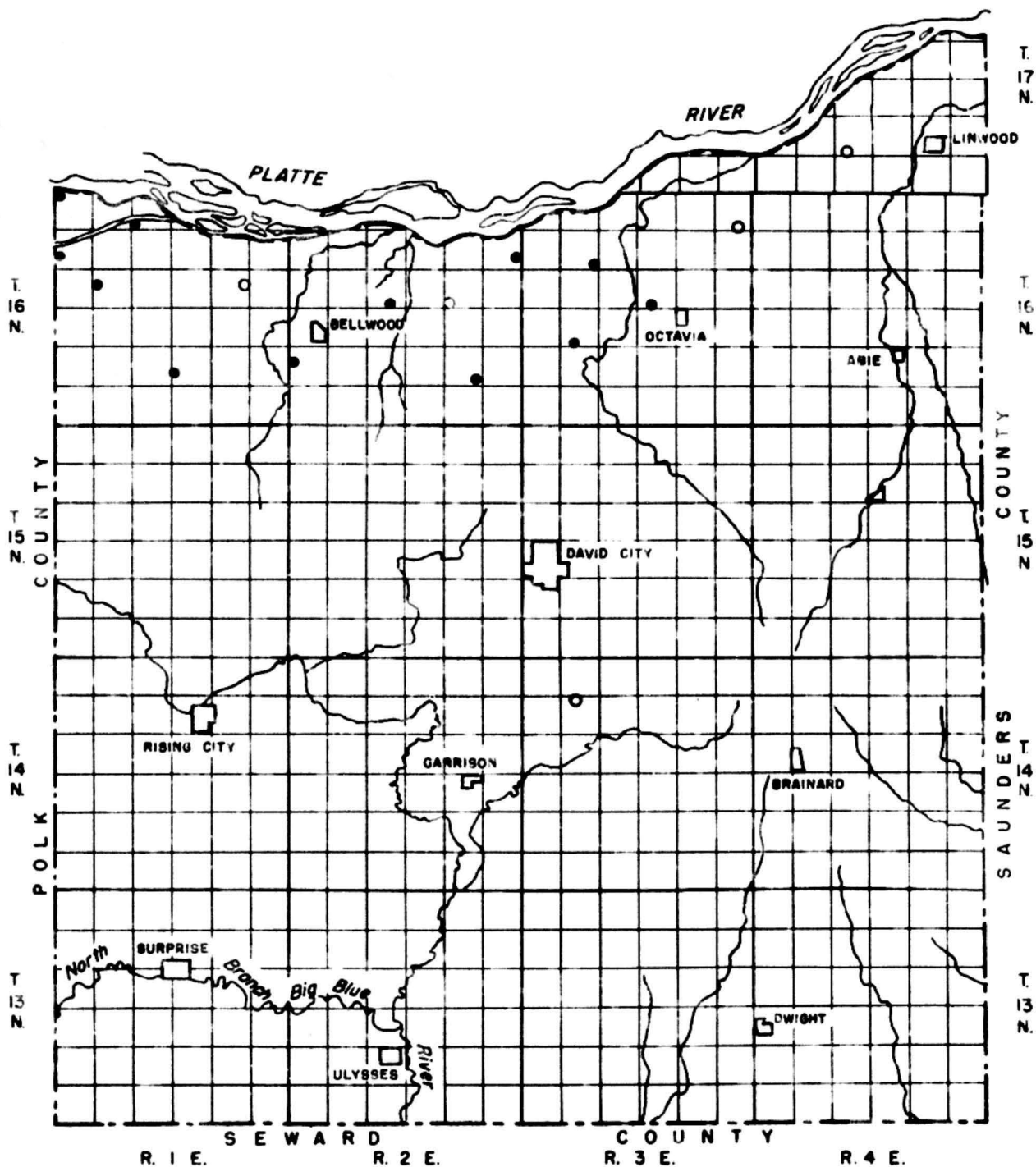
Mar. 29, 1948	39.02	Apr. 13, 1949	38.95	May 4, 1951	32.19
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10-15-25bc. W. J. Knapp. Drilled unused water-table well in sand of Pleistocene age, diameter 4 inches, depth 84 feet. Highest water level 74.98 below lsd, Jan. 29, 1951; lowest water level 75.29 below lsd, Aug. 2, 1950. Records available: 1950-51.

Aug. 2, 1950	75.29	Nov. 1, 1950	75.19	Jan. 4, 1951	75.07
Oct. 4	75.07	30	75.00	29	74.98

10-16-7ba. George Eisele. Drilled irrigation water-table well in Ogallala formation, diameter 18 inches, depth 295 feet. Highest water level 127.00 below lsd, Nov. 29, 1950; lowest water level 128.82 below lsd, Sept. 9, 1952. Records available: 1950-52.

Feb. 20, 1952	127.35	Sept. 9, 1952	128.82		
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BUTLER COUNTY

0 5 Miles



EXPLANATION

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Well; water-level record included
in this report

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Well; water-level record included
in other reports

Buffalo County--Continued

Date	Water level	Date	Water level	Date	Water level
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10-17-26cb. Art Sanquist. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches. Land-surface datum is 2,211.84 feet above msl. Highest water level 22.68 below lsd, Apr. 29, 1952; lowest water level 26.23 below lsd, Aug. 26, 1953. Records available: 1949-53.

Feb. 20, 1952	23.32	Sept. 10, 1952	24.88	Aug. 26, 1953	26.23
Apr. 29	22.68				

10-18-10ad. J. E. Harris. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 106 feet. Highest water level 55.34 below lsd, Apr. 29, 1952; lowest water level 57.78 below lsd, Sept. 10, 1952. Records available: 1950-52.

Feb. 20, 1952	56.02	Apr. 29, 1952	55.34	Sept. 10, 1952	57.78
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10-18-12aa. Steve Arvant. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 126 feet. Highest water level 28.12 below lsd, Mar. 27, 1950; lowest water level 32.58 below lsd, Aug. 26, 1953. Records available: 1949-53.

Feb. 20, 1952	29.17	Sept. 10, 1952	30.46	Aug. 26, 1953	32.58
Apr. 29	28.72				

12-16-35ad. Art Asher. Dug unlined water-table well in Alluvial sand and gravel, diameter 18 inches, depth 24 feet. Highest water level 4.45 below lsd, Apr. 16, 1952; lowest water level 7.58 below lsd, Sept. 9, 1952. Records available: 1950-53.

Feb. 20, 1952	5.40	Sept. 9, 1952	7.58	July 9, 1953	6.67
Apr. 16	4.45				

Buffalo County

Date	Water level	Date	Water level	Date	Water level
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A16-1-4cc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 33 feet. Land-surface datum is 1,430.57 feet above msl. Highest water level 9.89 below lsd, Apr. 29, 1949; lowest water level 11.75 below lsd, Nov. 12, 1953. Records available: 1947-50, 1953.

Mar. 29, 1947	11.07	Apr. 29, 1949	9.89	Nov. 12, 1953	11.75
Mar. 29, 1948	10.16	Mar. 4, 1950	10.82		

Butler County--Continued

Date	Water level	Date	Water level	Date	Water level
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A16-1-6bb. Loup Valley Public Power and Irrigation District. Driven observation water-table well in sand of Pleistocene age, diameter 1 inch, depth 18 feet. Land-surface datum is 1,438.18 feet above msl. Highest water level 6.60 below lsd, Mar. 29, 1948; lowest water level 11.11 below lsd, Nov. 12, 1953. Records available: 1947-50, 1952-53.

Mar. 29, 1947	7.74	Apr. 29, 1949	7.47	Nov. 19, 1952	8.30
Mar. 29, 1948	6.60	Mar. 7, 1950	7.40	Nov. 12, 1953	11.11

A16-1-7cb. Loup River Public Power and Irrigation District. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 13 feet. Land-surface datum is 1,441.96 feet above msl. Highest water level 4.41 below lsd, Mar. 29, 1948; lowest water level 6.11 below lsd, Nov. 12, 1953. Records available: 1947-50, 1953.

Mar. 29, 1947	5.60	Apr. 29, 1949	4.64	Nov. 12, 1953	6.11
Mar. 29, 1948	4.41	Mar. 7, 1950	4.66		

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 below lsd, Apr. 2, 1952; lowest water level 5.47 below lsd, Sept. 3, 1946. Records available: 1946-53.

Jan. 9, 1950	4.79	Sept. 6, 1950	5.13	Aug. 15, 1951	2.89
Mar. 7	4.88	Oct. 26	5.05	Jan. 23, 1952	3.64
May 3	3.89	Jan. 8, 1951	5.01	Apr. 2	2.66
June 28	4.52	May 2	3.30	Nov. 12, 1953	5.16

A16-1-27cb. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 68 feet. Land-surface datum is 1,480.91 feet above msl. Highest water level 30.14 below lsd, Nov. 12, 1953; lowest water level 32.88 below lsd, Mar. 29, 1947. Records available: 1947-48, 1950, 1953.

Mar. 29, 1947	32.88	Mar. 7, 1950	32.58	Nov. 12, 1953	30.14
Mar. 29, 1948	32.60				

A16-2-12da. Owner unknown. Driven unused water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 18 feet. Land-surface datum is 1,402.24 feet above msl. Highest water level 7.99 below lsd, Mar. 29, 1949; lowest water level 9.60 below lsd, Mar. 7, 1950. Records available: 1947-50.

Mar. 29, 1947	8.30	Mar. 29, 1949	7.99	Mar. 7, 1950	9.60
Mar. 29, 1948	9.09				

Butler County--Continued

Date	Water level	Date	Water level	Date	Water level
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A16-2-16dc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 33 feet. Land-surface datum is 1,427.41 feet above msl. Highest water level 6.07 below lsd, Mar. 29, 1949; lowest water level 8.82 below lsd, Nov. 12, 1953. Records available: 1947-50, 1953.

Mar. 29, 1947	7.68	Mar. 29, 1949	6.07	Nov. 12, 1953	8.82
Mar. 29, 1948	7.30	Mar. 7, 1950	7.47		

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 below lsd, Mar. 7, 1950; lowest water level 47.08 below lsd, Mar. 29, 1947. Records available: 1947-50.

Mar. 29, 1947	47.08	Mar. 29, 1949	44.88	Mar. 7, 1950	44.69
Mar. 29, 1948	46.61				

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 below lsd, July 12, 1949; lowest water level 22.68 below lsd, Aug. 5, 1946. Records available: 1946-53.

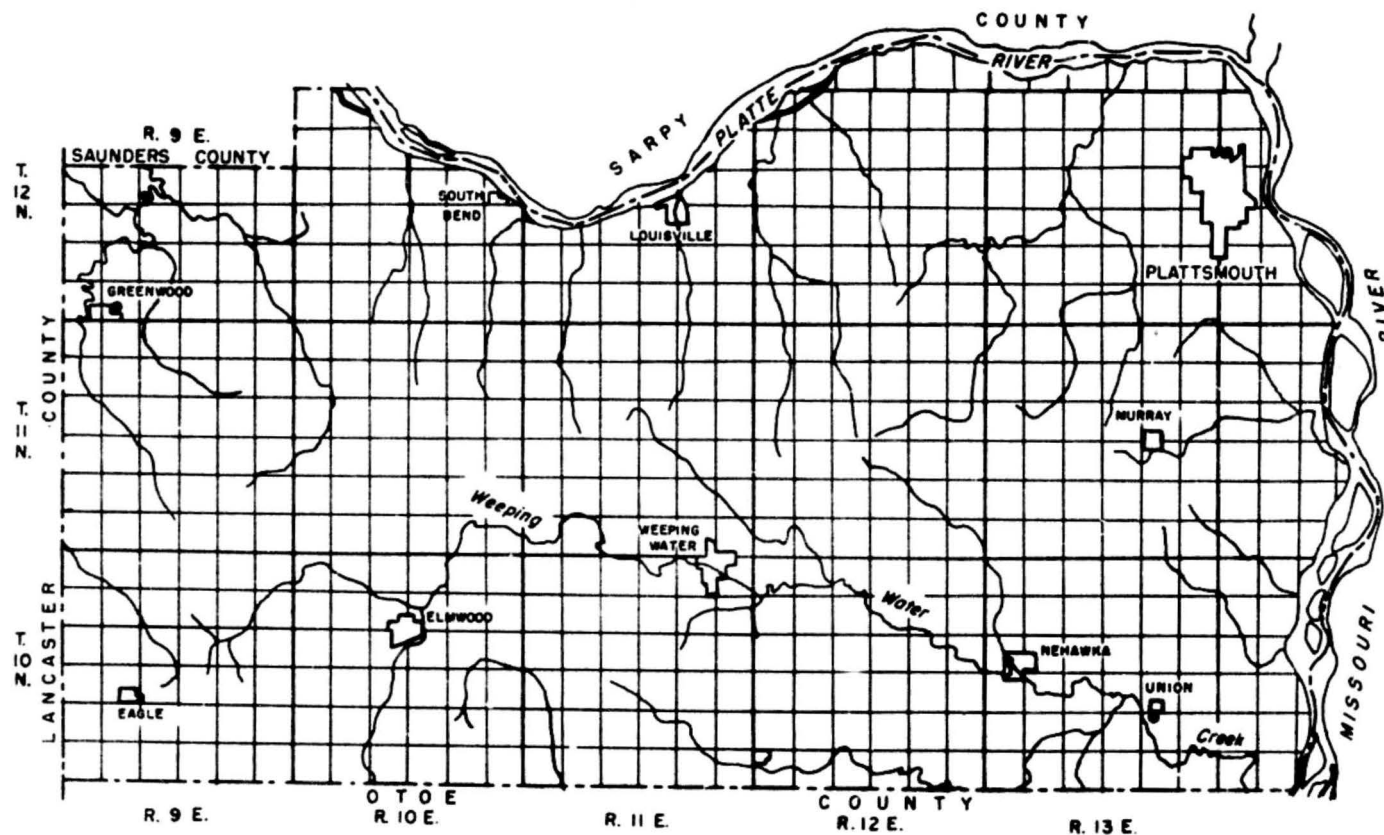
Jan. 9, 1950	21.45	Oct. 26, 1950	21.84	Jan. 23, 1952	22.34
Mar. 7	21.62	Jan. 8, 1951	22.08	Apr. 2	21.13
May 3	21.53	May 2	22.26	Nov. 6	21.21
June 28	21.65	Aug. 15	21.36	Nov. 12, 1953	22.16
Sept. 6	21.80	Oct. 31	21.00		

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 below lsd, Aug. 15, 1951; lowest water level 5.49 below lsd, Nov. 12, 1953. Records available: 1946-53.

Jan. 9, 1950	4.09	Oct. 26, 1950	4.45	Oct. 31, 1951	2.23
Mar. 7	3.08	Jan. 8, 1951	4.52	Apr. 2, 1952	1.69
May 3	3.33	Mar. 13	3.70	Nov. 6	4.22
June 28	4.41	May 2	1.74	Nov. 12, 1953	5.49
Sept. 6	4.52	Aug. 15	1.07		

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 below lsd, July 7, 1947; lowest water level 17.28 below lsd, Aug. 5, 1946. Records available: 1946-53.

Jan. 9, 1950	13.77	Oct. 26, 1950	14.20	Oct. 31, 1951	12.13
Mar. 7	13.42	Jan. 8, 1951	14.44	Jan. 23, 1952	12.11
May 3	13.46	Mar. 13	14.47	Nov. 6	12.59
June 28	13.75	May 2	13.66	Nov. 12, 1953	13.52
Sept. 6	14.24	Aug. 15	12.47		



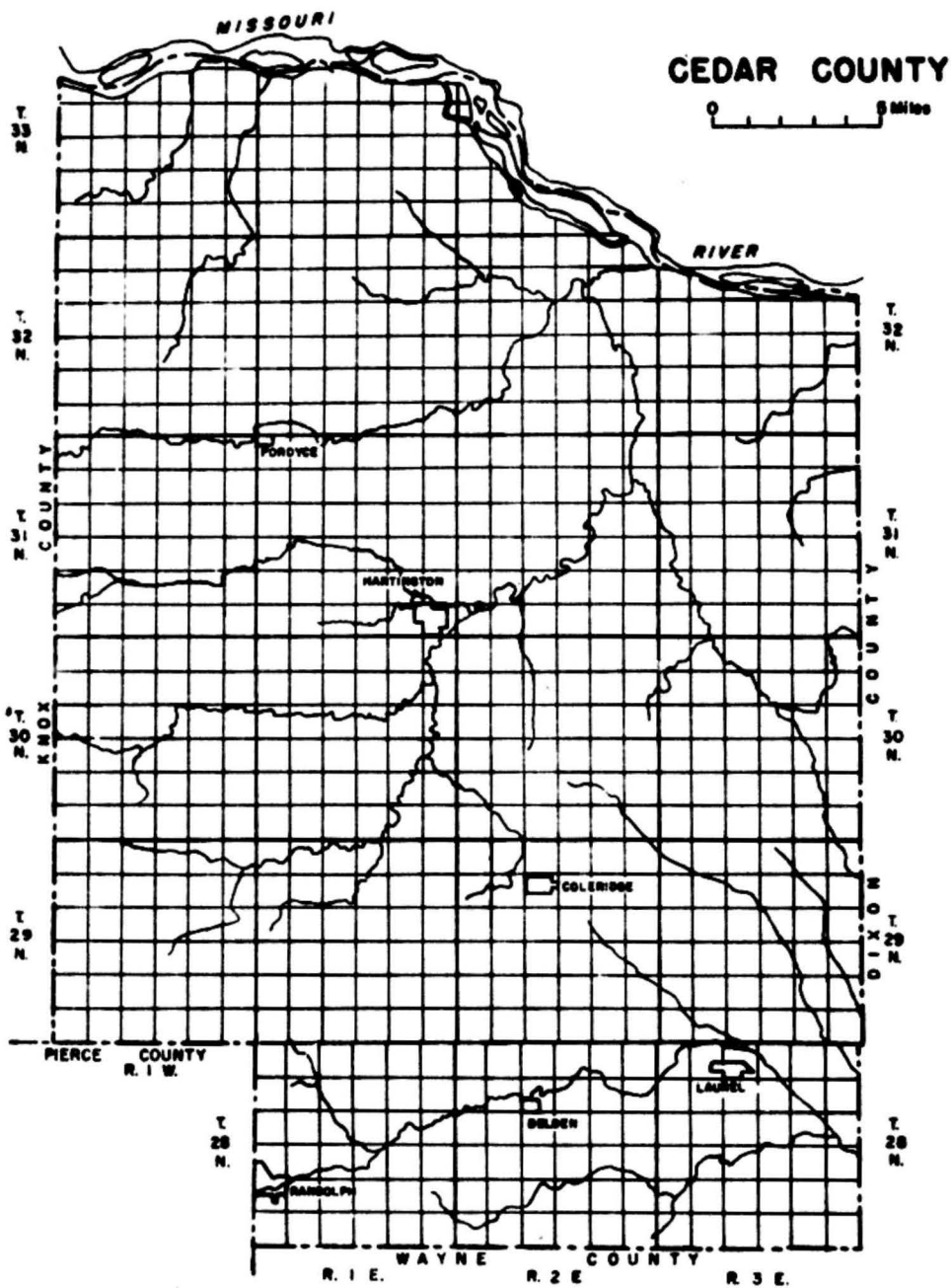
EXPLANATION

●
Well; water-level record included
in this report

○
Well; water-level record included
in other reports



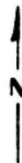
CASS COUNTY



EXPLANATION

●
Well, water-level record included
on this report

○
Well, water-level record included
in other reports



Butler County--Continued

Date	Water level	Date	Water level	Date	Water level
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A16-3-20cd. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 58 feet. Land-surface datum is 1,420.82 feet above msl. Highest water level 11.64 below lsd, Nov. 6, 1952; lowest water level 17.78 below lsd, Mar. 29, 1947. Records available: 1947-50, 1952-53.

Mar. 29, 1947	17.78	Mar. 29, 1949	15.47	Nov. 6, 1952	11.64
Mar. 29, 1948	16.58	Mar. 7, 1950	16.10	Nov. 12, 1953	15.83

Cass County

Date	Water level	Date	Water level	Date	Water level
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A10-13-26ba. W. L. Stine. Dug domestic water-table well in till, diameter 48 inches, depth 27 feet. Highest water level 5.80 below lsd, June 24, 1947; lowest water level 20.39 below lsd, Nov. 20, 1939. Records available: 1934-43, 1946-47, 1953.

Dec. 11, 1953	12.82				
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A12-9-32ca. John Wiedeman. Drilled unused water-table well in Dakota sandstone? (till), diameter 3 inches, depth 89 feet. Highest water level 34.20 below lsd, Dec. 11, 1953; lowest water level 43.05 below lsd, Oct. 15, 1940. Records available: 1934-41, 1944, 1946, 1953.

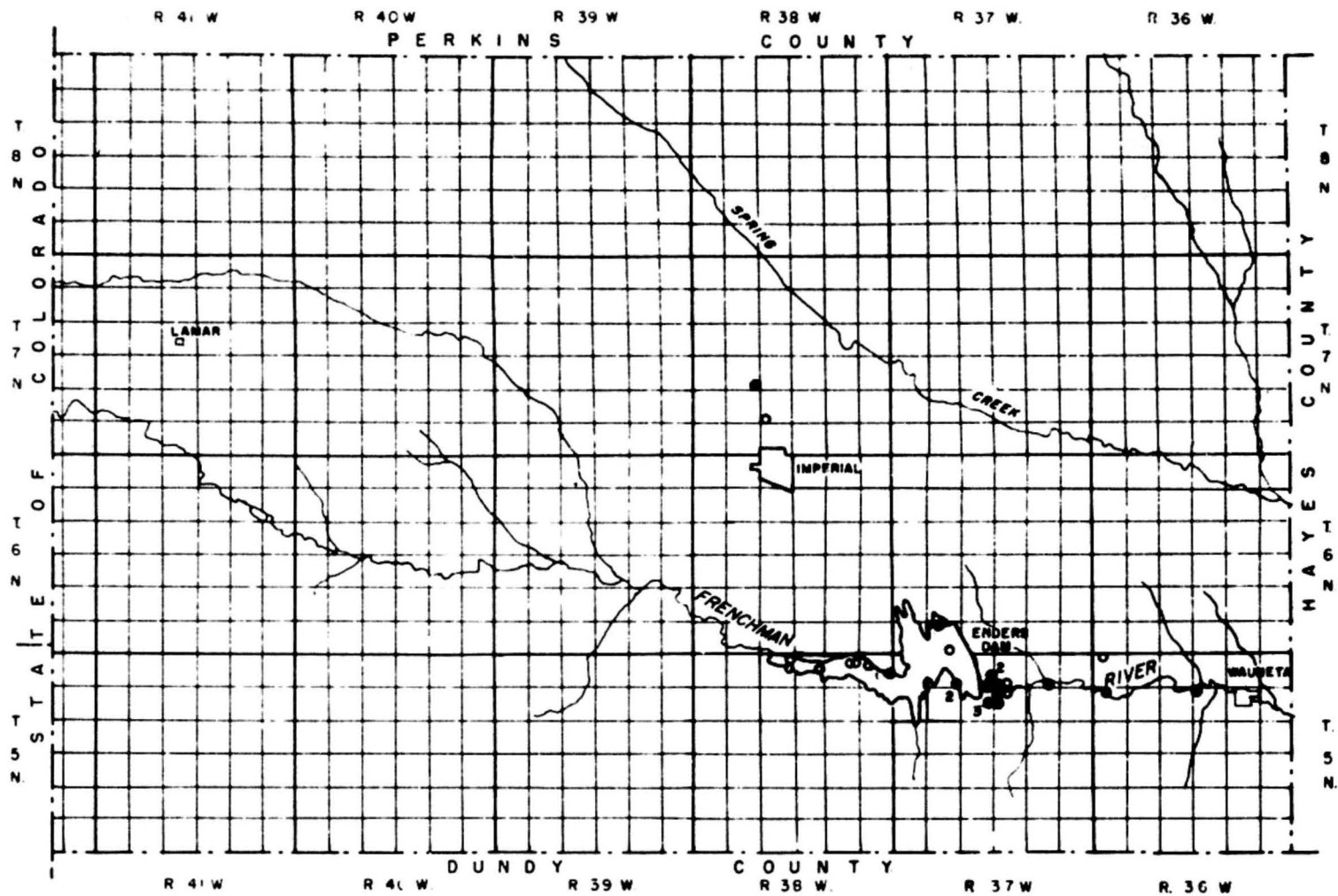
Dec. 11, 1953	34.20				
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Cedar County

Date	Water level	Date	Water level	Date	Water level
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A31-2-31ab. Joe Leise. Dug stock water-table well in gravel, diameter 18 inches, depth 22 feet. Highest water level 11.78 below lsd, Jan. 8, 1936; lowest water level 13.39 below lsd, July 10, 1936. Records available: 1934-40, 1942, 1946, 1953.

Dec. 8, 1953	12.46				
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CHASE COUNTY

0 5 Miles



EXPLANATION

●
Well; water-level record included
in this report

○
Well, water-level record included
in other reports

Chase County

Date	Water level	Date	Water level	Date	Water level
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5-36-10bb. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 17 feet. Land-surface datum is 2,953.80 feet above msl. Highest water level 2.15 below lsd, Feb. 10, 1949; lowest water level 6.53 below lsd, Mar. 23, 1949. Records available: 1949-53.

May 9, 1951	4.96	May 5, 1952	3.80	Mar. 17, 1953	4.76
June 7	5.27	June 2	4.53	May 11	4.65
July 5	5.64	July 16	4.84	June 16	4.86
Aug. 21	5.12	Aug. 11	4.70	July 15	4.85
Oct. 8	5.50	Sept. 8	4.84	Aug. 10	4.68
Dec. 27	5.11	Dec. 8	4.97	Sept. 15	5.01
Apr. 7, 1952	3.67				

5-37-2dc. U. S. Bureau of Reclamation. Driven observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 14 feet. Land-surface datum is 3,026.0 feet above msl. Highest water level 5.39 below lsd, Feb. 10, 1949; lowest water level 7.93 below lsd, Dec. 7, 1950. Records available: 1949-53.

May 9, 1951	7.14	May 5, 1952	6.09	Mar. 17, 1953	6.68
June 7	7.70	June 2	6.77	May 11	6.59
July 5	7.85	July 16	7.19	June 16	6.91
Aug. 21	7.46	Aug. 11	6.78	July 15	6.98
Oct. 8	7.70	Sept. 8	7.21	Aug. 10	7.26
Dec. 27	7.47	Dec. 8	6.91	Sept. 15	7.25
Apr. 7, 1952	5.99				

5-37-3cc. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 42 feet. Land-surface datum is 3,061.39 feet above msl. Highest water level 19.38 below lsd, Jan. 17, 1951; lowest water level 25.60 below lsd, Dec. 9, 1948. Records available: 1948-51.

Jan. 17, 1951	19.38				
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5-37-4dac. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 84 feet. Land-surface datum is 3,128.68 feet above msl. Highest water level 71.47 below lsd, Jan. 17, 1951; lowest water level Dry in year of 1949 and December 1950. Records available: 1949-51.

Jan. 17, 1951	71.47				
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5-37-4dad. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 101 feet. Land-surface datum is 3,125.61 feet above msl. Highest water level 76.65 below lsd, Jan. 17, 1951; lowest water level 87.26 below lsd, Apr. 22, 1949. Records available: 1949-51.

Jan. 17, 1951	76.65				
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Chase County--Continued

Date	Water level	Date	Water level	Date	Water level
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5-37-4ddb. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 72 feet. Land-surface datum is 3,119.68 feet above msl. Highest water level 59.54 below lsd, Jan. 17, 1951; lowest water level, Dry in year of 1949 and December 1950. Records available: 1949-51.

Jan. 17, 1951	59.54				
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5-37-5dd. U. S. Bureau of Reclamation. Drilled unused water-table well in sand of Pleistocene age, diameter 4 inches, depth 170 feet. Land-surface datum is 3,208.40 feet above msl. Highest water level 134.92 below lsd, Jan. 17, 1951; lowest water level 145.31 below lsd, Oct. 16, 1950. Records available: 1950-51.

Jan. 17, 1951	134.92				
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5-37-9adb1. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 69 feet. Highest water level 57.11 below lsd, Jan. 17, 1951; lowest water level, Dry, Feb. 10, July 19, Aug. 4, and Dec. 20, 1949. Records available: 1949-51.

Jan. 17, 1951	57.11				
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5-37-9adb2. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 89 feet. Land-surface datum is 3,103.59 feet above msl. Highest water level 72.39 below lsd, Jan. 17, 1951; lowest water level 84.74 below lsd, Apr. 22, 1949. Records available: 1949-51.

Jan. 17, 1951	72.39				
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5-37-9adb3. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 102 feet. Land-surface datum is 3,121.47 feet above msl. Highest water level 86.96 below lsd, Jan. 17, 1951; lowest water level 98.65 below lsd, Mar. 23, 1949. Records available: 1949-51.

Jan. 17, 1951	86.96				
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5-37-10bbb. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 19 feet. Land-surface datum is 3,039.7 feet above msl. Highest water level 3.65 below lsd, Jan. 17, 1951; lowest water level 7.34 below lsd, Dec. 9, 1948. Records available: 1948-51.

Jan. 17, 1951	3.65				
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5-37-10bbc. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 23 feet. Land-surface datum is 3,046.14 feet above msl. Highest water level 10.28 below lsd, Jan. 17, 1951; lowest water level 14.62 below lsd, Dec. 9, 1948. Records available: 1948-51.

Chase County--Continued

Date	Water level	Date	Water level	Date	Water level
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5-37-10bbc--Continued.

Jan. 17, 1951	10.28				
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5-37-10bc. U. S. Bureau of Reclamation. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 32 feet. Land-surface datum is 3,052.15 feet above msl. Highest water level 13.45 below lsd, Jan. 17, 1951; lowest water level 19.21 below lsd, Mar. 23, 1949. Records available: 1948-51.

Jan. 17, 1951	13.45				
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5-38-1da. U. S. Bureau of Reclamation. Drilled unused water-table well in sand of Pleistocene age, diameter 8 inches, depth 17 feet. Land-surface datum is 3,125.15 feet above msl. Highest water level 6.20 below lsd, Nov. 16, 1950; lowest water level 7.02 below lsd, July 11, 1950. Records available: 1950-51.

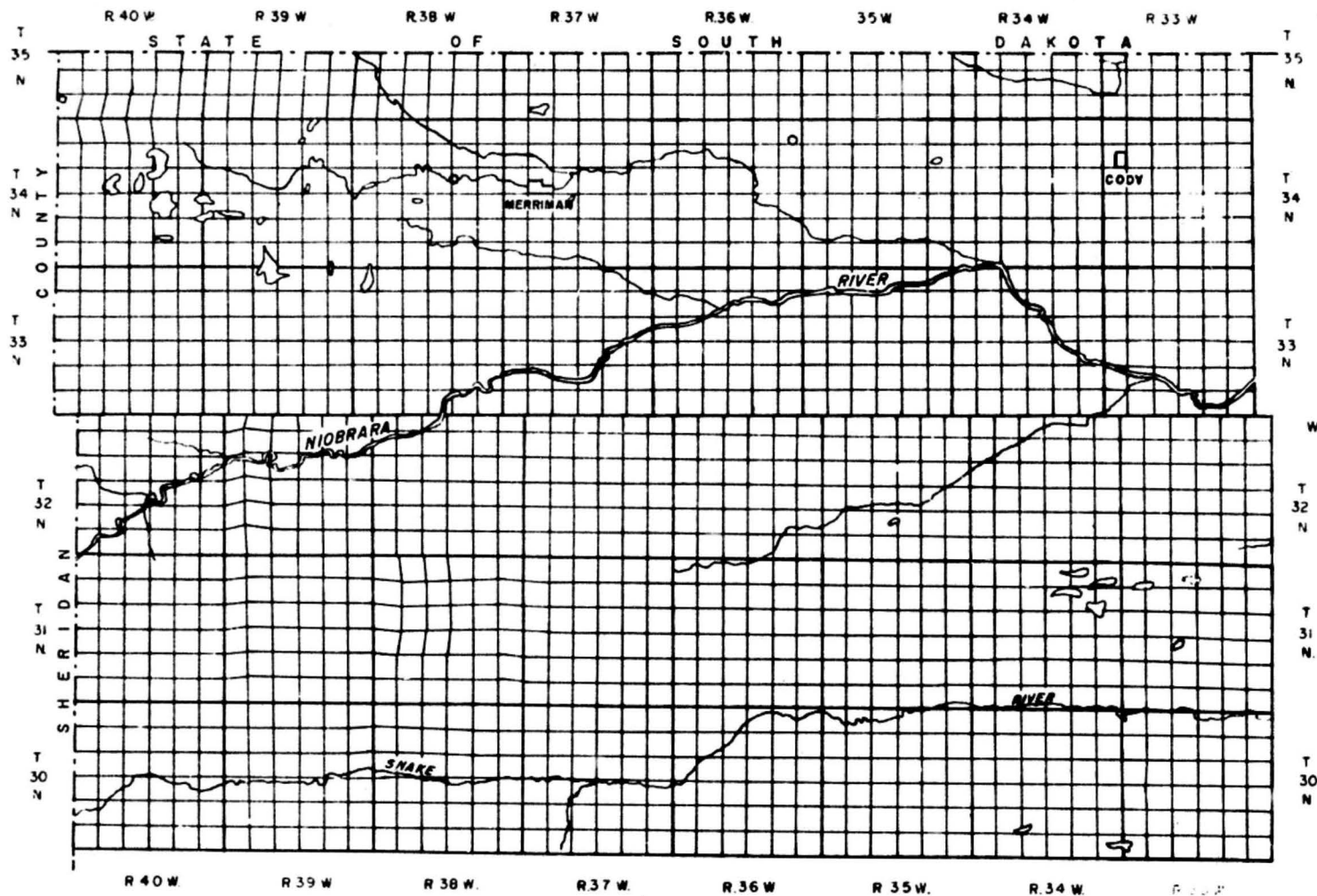
Jan. 17, 1951	6.48				
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6-37-32ba. U. S. Bureau of Reclamation. Drilled unused water-table well in sand of Pleistocene age, diameter 4 inches, depth 75 feet. Land-surface datum is 3,157.94 feet above msl. Highest water level 71.24 below lsd, Jan. 17, 1951; lowest water level, Dry, from June through November 1950. Records available: 1950-51.

Jan. 17, 1951	71.24				
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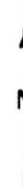
7-38-20dd. Andrew R. Banks. Drilled unused water-table well in sand and gravel, diameter 6 inches, depth 100 feet. Highest water level 67.74 below lsd, Apr. 7, 1952; lowest water level 70.92 below lsd, Nov. 19, 1942. Records available: 1934-40, 1942-44, 1948-53.

May 9, 1951	68.30	May 5, 1952	67.75	Mar. 17, 1953	67.77
June 7	68.20	June 2	67.69	May 11	67.99
July 5	68.16	July 16	67.93	June 16	67.88
Aug. 21	68.24	Aug. 11	67.78	July 15	68.12
Oct. 8	68.03	Sept. 8	67.93	Aug. 10	68.08
Dec. 27	67.90	Dec. 8	68.03	Sept. 15	68.35
Apr. 7, 1952	67.74				



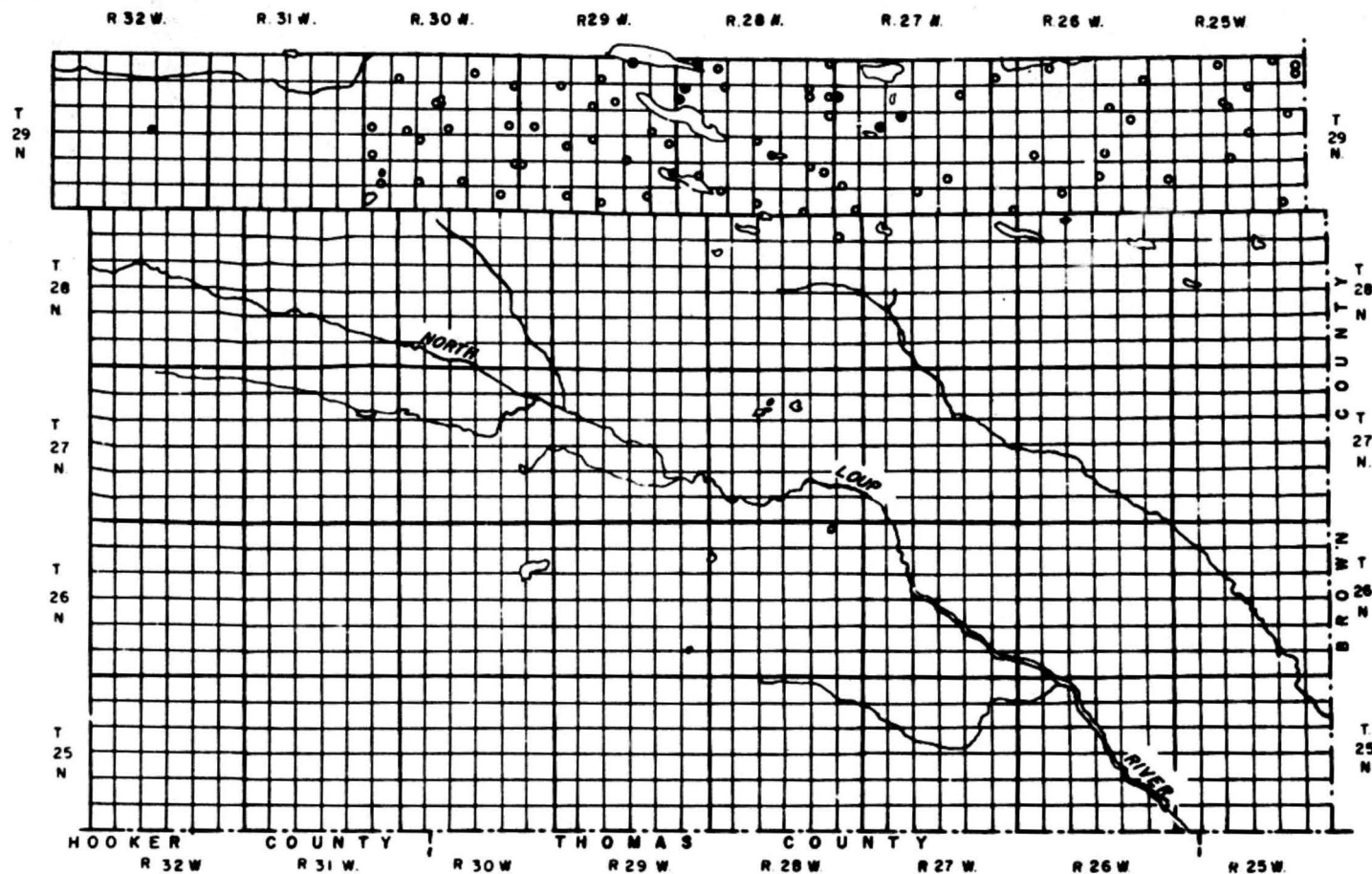
EXPLANATION

○
Well; water-level record included
in other reports



CHERRY COUNTY (NORTHWEST QUARTER)

0 5 Miles



EXPLANATION

●
Well; water-level record included
in this report

○
Well; water-level record included
in other reports



CHERRY COUNTY (SOUTHEAST QUARTER)

0 5 Miles

Cherry County

Date	Water level	Date	Water level	Date	Water level
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29-27-7bcb. 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 2,913.70 feet above msl. Highest water level .93 below lsd, May 12, 1950; lowest water level 2.99 below lsd, Nov. 2, 1949. Records available: 1949-50.

Nov. 1, 1949	2.97	Feb. 28, 1950	1.05	May 12, 1950	0.93
2	2.99	Apr. 27	1.77	June 1	1.86
Dec. 20	2.29				

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 2.47 below lsd, Dec. 30, 1953; lowest water level 3.38 below lsd, Feb. 23, 1951. Records available: 1950-51, 1953.

Dec. 30, 1953	2.47				
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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 below lsd, Feb. 23, 1951; lowest water level 1.56 below lsd, Oct. 10, 1951. Records available: 1950-51, 1953.

Dec. 30, 1953	1.41				
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29-28-6aaa. 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 2,944.81 feet above msl. Highest water level 2.03 below lsd, Oct. 11, 1951; lowest water level 5.25 below lsd, Dec. 6, 1949. Records available: 1949-51, 1953.

Dec. 2, 1953	4.60				
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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 below lsd, June 8, 1951; lowest water level 4.80 below lsd, Jan. 17, 1951. Records available: 1949-51, 1953.

Dec. 16, 1953	3.65				
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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 .91 below lsd, June 8, 1951; lowest water level 3.24 below lsd, Nov. 2, 1949. Records available: 1949-51, 1953.

Dec. 16, 1953	2.18				
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Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
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 3.52 below lsd, Dec. 16, 1953; lowest water level 5.10 below lsd, Dec. 20, 1949. Records available: 1949-51, 1953.					
Dec. 16, 1953	3.52				
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 below lsd, Jan. 18, 1952; lowest water level 3.54 below lsd, July 21, 1953. Records available: 1950-53.					
July 21, 1953	3.54	Oct. 27, 1953	3.01		
30-25-10daa. 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 below lsd, July 18, 1951; lowest water level 4.80 below lsd, Sept. 24, 1952. Records available: 1950-53.					
July 21, 1953	4.35	Oct. 27, 1953	4.11		
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 below lsd, Apr. 4, 1952; lowest water level 4.48 below lsd, July 21, 1953. Records available: 1950-53.					
July 21, 1953	4.48	Oct. 27, 1953	3.64		
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 2.09 below lsd, Jan. 18, 1952; lowest water level 5.84 below lsd, Dec. 31, 1952. Records available: 1950-53.					
July 21, 1953	4.68	Oct. 27, 1953	4.83		
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 1.86 below lsd, Oct. 8, 1951; lowest water level 4.22 below lsd, Oct. 27, 1953. Records available: 1950-51, 1953.					
July 21, 1953	4.17	Oct. 27, 1953	4.22		

Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
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 below lsd, Apr. 7, 1952; lowest water level 6.14 below lsd, Sept. 24, 1952. Records available: 1950-53.					
Jan. 8, 1953	5.51	July 21, 1953	4.36	Oct. 27, 1953	4.87
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 below lsd, Apr. 7, 1952; lowest water level 10.71 below lsd, Sept. 24, 1952. Records available: 1950-53.					
July 21, 1953	8.61	Oct. 27, 1953	10.07		
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 2,809.00 feet above msl. Highest water level 2.05 below lsd, June 4, 1951; lowest water level 4.93 below lsd, Oct. 27, 1953. Records available: 1950-53.					
July 21, 1953	4.10	Oct. 27, 1953	4.93		
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 below lsd, Apr. 14, 1950; lowest water level 5.57 below lsd, Sept. 24, 1952. Records available: 1948-53.					
July 21, 1953	3.73	Oct. 27, 1953	4.31		
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 1.87 below lsd, Jan. 18, 1952; lowest water level 4.30 below lsd, Oct. 27, 1953. Records available: 1950-53.					
July 21, 1953	3.88	Oct. 27, 1953	4.30		
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 below lsd, Apr. 8, 1952; lowest water level 4.94 below lsd, Sept. 24, 1952. Records available: 1950-53.					
Jan. 8, 1953	4.50	July 21, 1953	3.90	Oct. 27, 1953	4.38
30-27-21aca. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 10 feet. Land-surface datum is 2,870.82 feet above msl. Highest water level 2.33 below lsd, Feb. 1, 1952; lowest water level 5.65 below lsd, Sept. 24, 1952. Records available: 1948-53.					
Jan. 8, 1953	4.03				

Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
30-27-29cba. 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 2,896.44 feet above msl. Highest water level 4.94 below lsd, Oct. 10, 1951; lowest water level 6.18 below lsd, Feb. 6, 1951. Records available: 1949-51, 1953.					
Dec. 16, 1953	5.63				
30-28-10cb. U. S. Geol. Survey. Jetted observation water-table well in sand, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,894.10 feet above msl. Highest water level 1.98 below lsd, Feb. 12, 1951; lowest water level 2.04 below lsd, Dec. 15, 1953. Records available: 1951, 1953.					
Dec. 15, 1953	2.04				
30-28-23ab. U. S. Geol. Survey. Jetted observation water-table well in dune sand, diameter 3/4 inch, depth 11 feet. Land-surface datum is 2,901.56 feet above msl. Highest water level 1.45 below lsd, Dec. 12, 1950; lowest water level 2.45 below lsd, Oct. 22, 1953. Records available: 1950-51, 1953.					
Oct. 22, 1953	2.45				
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 below lsd, Oct. 11, 1951; lowest water level 3.35 below lsd, Feb. 6, 1951. Records available: 1950-51, 1953.					
Oct. 22, 1953	2.35				
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 below lsd, Oct. 11, 1951; lowest water level 3.39 below lsd, Dec. 6, 1949. Records available: 1949-51, 1953.					
Oct. 22, 1953	2.70				
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 below lsd, May 10, 1950; lowest water level 4.03 below lsd, Aug. 7, 1950. Records available: 1949-51, 1953.					
Dec. 30, 1953	3.63				
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					

Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
30-28-30bb--Continued.					
below lsd, May 10, 1950; lowest water level 1.63 below lsd, Feb. 6, 1951. Records available: 1949-51, 1953.					
July 22, 1953	0.98				
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 3.30 below lsd, Dec. 12, 1950 and Feb. 12, 1951; lowest water level 2.57 below lsd, Nov. 4, 1953. Records available: 1950-51, 1953.					
Nov. 4, 1953	2.57				
30-29-26cb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 17 feet. Land-surface datum is 2,943.04 feet above msl. Highest water level 2.13 below lsd, May 10, 1950; lowest water 3.46 below lsd, Aug. 4, 1950. Records available: 1949-51, 1953.					
Oct. 25, 1953	2.85				
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 below lsd, June 8, 1951; lowest water level 2.75 below lsd, Nov. 4, 1953. Records available: 1949-51, 1953.					
Nov. 4, 1953	2.75				
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 1.25 below lsd, Jan. 18, 1952; lowest water level 4.69 below lsd, Feb. 2, 1951. Records available: 1950-53.					
Oct. 27, 1953	4.66				
31-25-35dad. 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 9.45 below lsd, Oct. 8, 1951; lowest water level 11.69 below lsd, Nov. 2, 1950. Records available: 1950-51, 1953.					
July 21, 1953	9.51	Oct. 27, 1953	9.94		

Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
31-26-32cac. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 1 1/4 feet. Land-surface datum is 2,800.66 feet above msl. Highest water level 2.40 below lsd, Feb. 1, 1952; lowest water level 5.3 1/4 below lsd, Sept. 24, 1952. Records available: 1950-53.					
Jan. 8, 1953	4.98				
31-26-33ddd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 1 1/4 feet. Land-surface datum is 2,774.44 feet above msl. Highest water level 2.10 below lsd, Apr. 7, 1952; lowest water level 5.81 below lsd, Sept. 24, 1952. Records available: 1950-53.					
Jan. 8, 1953	4.78				
31-26-35add. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 1 1/4 feet. Land-surface datum is 2,738.65 feet above msl. Highest water level 3.19 below lsd, June 4, 1951; lowest water level 7.07 below lsd, Sept. 24, 1952. Records available: 1950-53.					
Jan. 8, 1953	5.99				
31-27-10cdd. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 1 1/4 feet. Land-surface datum is 2,814.27 feet above msl. Highest water level .94 below lsd, Feb. 1, 1952; lowest water level 4.07 below lsd, Sept. 24, 1952. Records available: 1950-53.					
Jan. 7, 1953	2.19				
31-27-15cbb. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 1 1/4 feet. Land-surface datum is 2,828.38 feet above msl. Highest water level 3.65 below lsd, Feb. 1, 1952; lowest water level 6.09 below lsd, Feb. 6, 1951. Records available: 1950-53.					
July 21, 1953	5.19	Oct. 27, 1953	4.26		
31-27-17ada. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 1 1/2 feet. Land-surface datum is 2,831.40 feet above msl. Highest water level 3.01 below lsd, Apr. 8, 1952; lowest water level 6.72 below lsd, Sept. 24, 1952. Records available: 1950-53.					
Jan. 7, 1953	6.47	July 21, 1953	5.39	Oct. 27, 1953	6.66
31-27-21ddb. 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 below lsd, Apr. 8, 1952; lowest water level 4.22 below lsd, Sept. 24, 1952. Records available: 1950-53.					

Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
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31-27-21db--Continued.

Jan. 7, 1953	3.68	July 21, 1953	2.69	Oct. 27, 1953	3.63
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31-27-35bdd1. U. S. Geol. Survey. Dug observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 6 feet. Land-surface datum is 2,829.88 feet above msl. Highest water level .27 above lsd, Apr. 14, 1950; lowest water level, Dry, Sept. 24, 1952. Records available: 1948-53.

Jan. 7, 1953	3.33				
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31-27-35bd2. 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 1.56 below lsd, Feb. 1, 1952; lowest water level 3.59 below lsd, July 21, 1953. Records available: 1950-53.

July 21, 1953	3.59	Oct. 27, 1953	3.30		
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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 below lsd, June 26, 1952; lowest water level 9.41 below lsd, Feb. 7, 1951. Records available: 1950-53.

Jan. 7, 1953	7.28				
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Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
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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 below lsd, May 9, 1950; lowest water level 4.51 below lsd, Oct. 7, 1952. Records available: 1948-53.

Jan. 7, 1953	3.55	July 22, 1953	3.42	Oct. 29, 1953	3.91
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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 below lsd, Nov. 1, 1951; lowest water level 9.05 below lsd, Feb. 7, 1951. Records available: 1949-53.

Jan. 7, 1953	8.34	July 22, 1953	7.23	Oct. 29, 1953	8.29
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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 below lsd, July 22, 1953; lowest water level 18.38 below lsd, July 19, 1951. Records available: 1950-53.

Jan. 7, 1953	15.76	July 22, 1953	14.87	Oct. 29, 1953	15.21
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31-29-33adc. Driven observation water-table well in sand of Pleistocene age, diameter 3 inches, depth 6 feet. Land-surface datum is 2,914.8 feet above msl. Highest water level .45 below lsd, May 9, 1950; lowest water level 3.22 below lsd, Oct. 7, 1952. Records available: 1948-53.

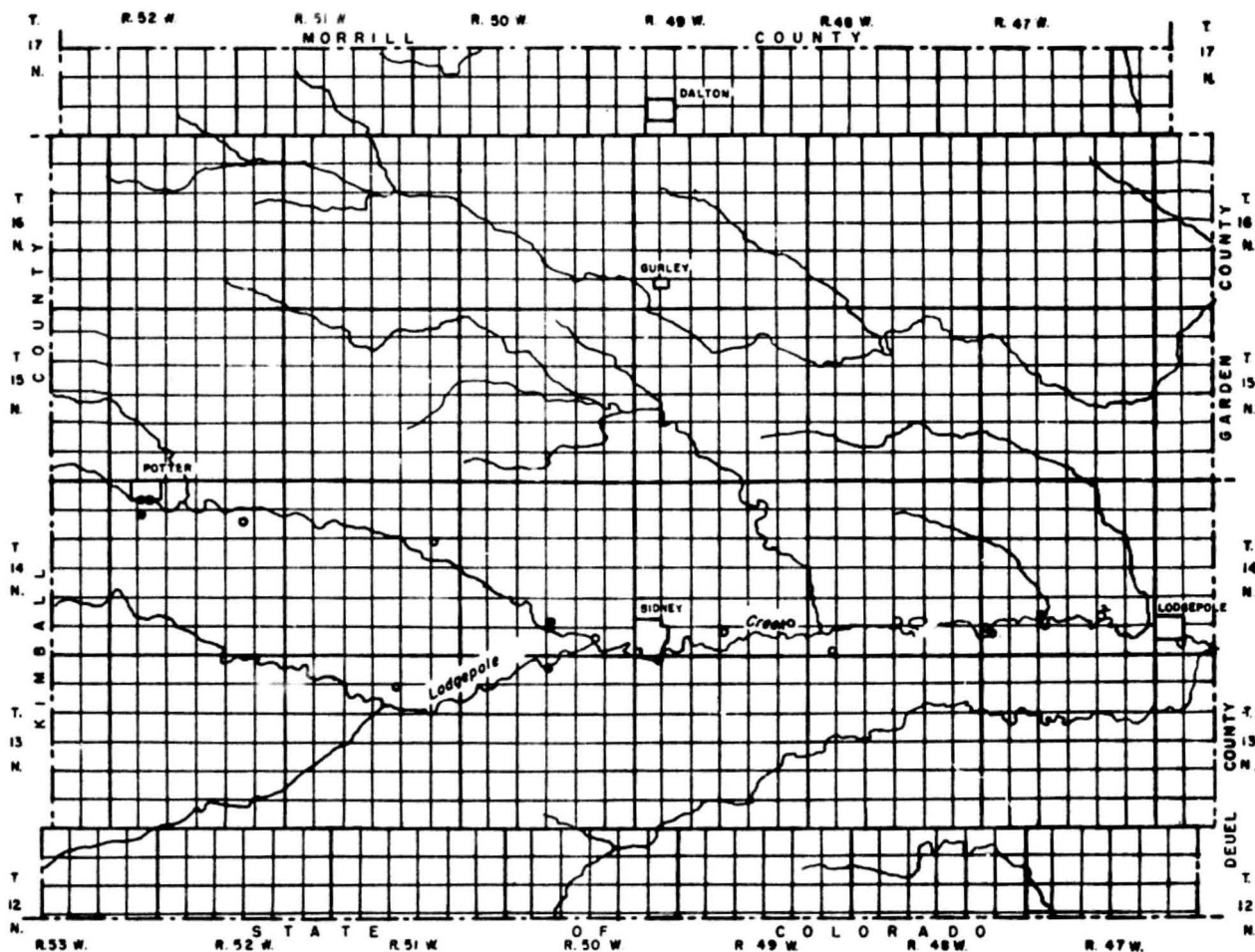
Jan. 5, 1953	2.26				
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31-30-29ca. U. S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diameter 3/4 inch. Land-surface datum is 2,952.9 feet above msl. Highest water level 94.52 below lsd, Sept. 23, 1953; lowest water level 96.43 below lsd, Oct. 10, 1950. Records available: 1950-53.

Sept. 23, 1953	94.52	Nov. 16, 1953	94.53		
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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 below lsd, Sept. 12, 1951; lowest water level 3.99 below lsd, Oct. 27, 1953. Records available: 1950-53.

July 21, 1953	3.36	Oct. 27, 1953	3.99		
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CHEYENNE COUNTY

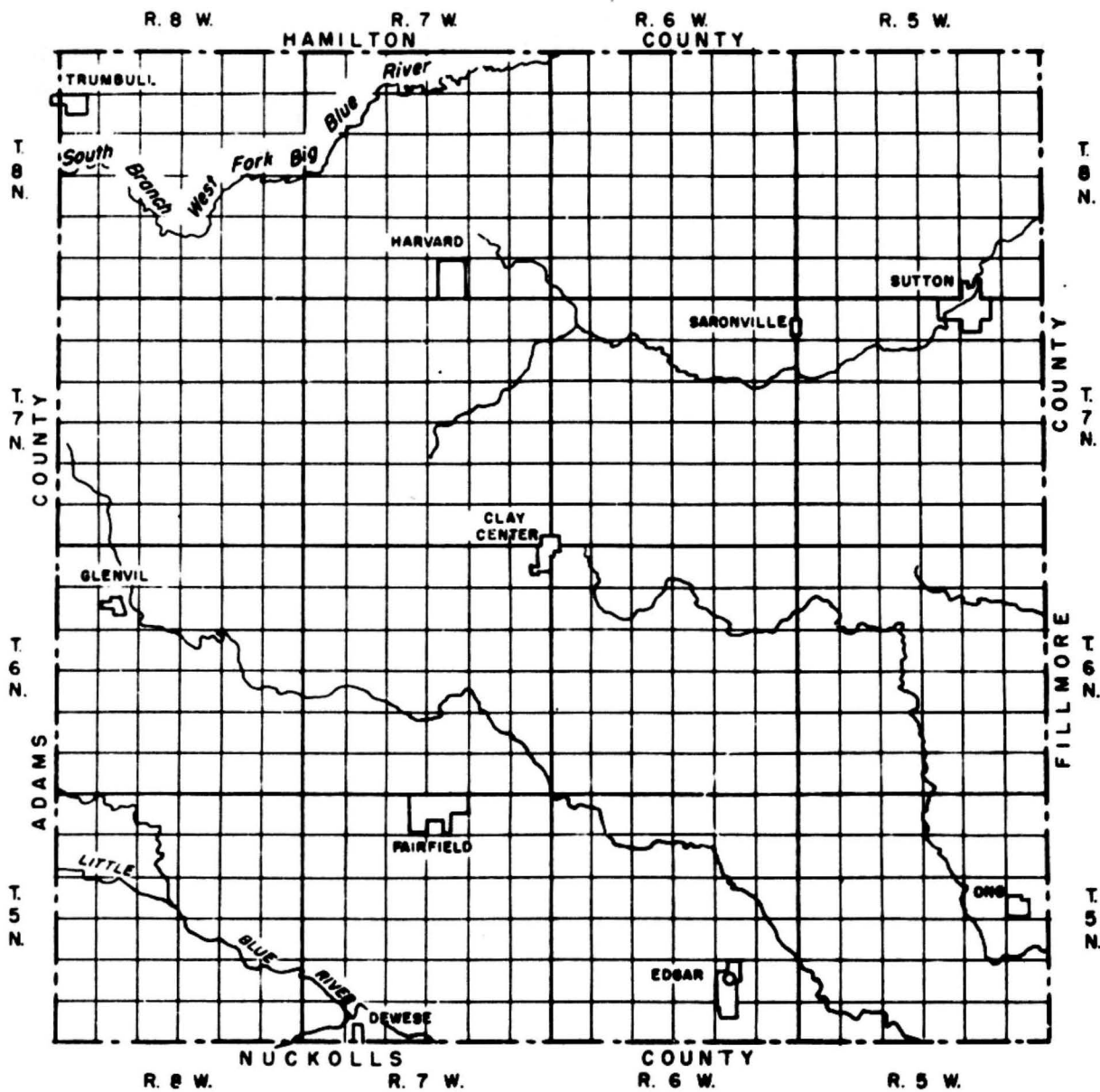
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EXPLANATION

●
Well, water-level record included
in this report

○
Well, water-level record included
in other reports



CLAY COUNTY

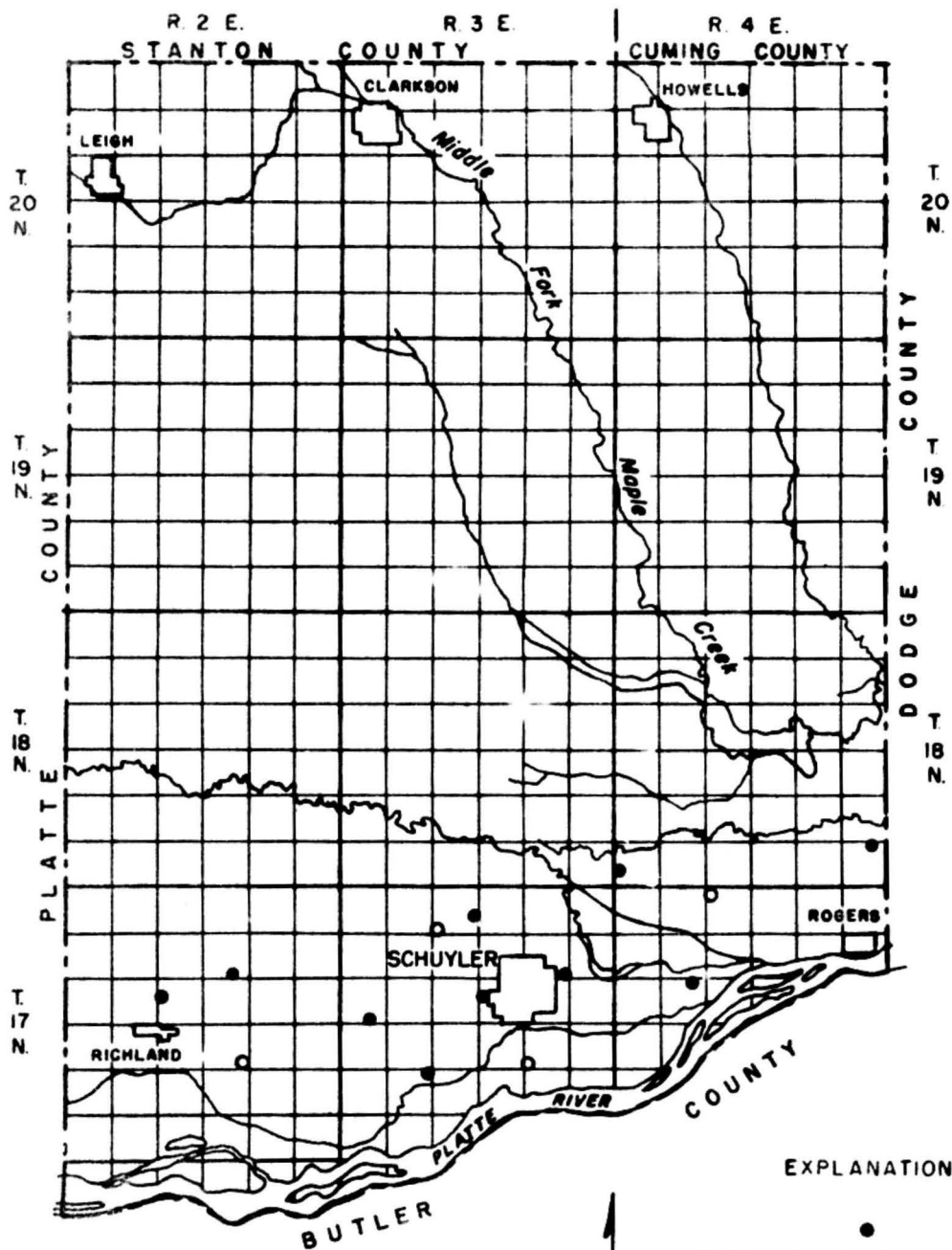
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EXPLANATION

●
Well; water-level record included
in this report

○
Well; water-level record included
in other reports



EXPLANATION

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Well; water-level record included
in this report.

○
Well; water-level record included
in other reports

Cherry County--Continued

Date	Water level	Date	Water level	Date	Water level
32-28-33dd. 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 2,853.71 feet above msl. Highest water level 1.61 below lsd, June 26, 1952; lowest water level 4.00 below lsd, Oct. 7, 1952. Records available: 1950-53.					
Jan. 7, 1953	3.53				

Cheyenne County

Date	Water level	Date	Water level	Date	Water level
14-47-28cb. L. C. Barstow. Drilled irrigation water-table well in Brule formation, diameter 18 inches, depth 81 feet. Land-surface datum is 3,897 feet above msl. Highest water level 11.73 below lsd, May 29, 1952; lowest water level 13.69 below lsd, Aug. 8, 1951. Records available: 1951-53.					
Dec. 15, 1953	12.78				
14-50-27cc. Henry Haupt. Drilled irrigation water-table well in sand of Pleistocene age, diameter 20 inches, depth 84 feet. Land-surface datum is 4,146 feet above msl. Highest water level 13.87 below lsd, May 23, 1952; lowest water level 15.46 below lsd, Nov. 19, 1951. Records available: 1951-53.					
Dec. 15, 1953	14.97				
14-52-8bb. Lester Willoughby. Drilled irrigation water-table well in sand and gravel, diameter 20 inches, depth 75 feet. Land-surface datum is 4,405.7 feet above msl. Highest water level 41.54 below lsd, Dec. 15, 1953; lowest water level 50.40 below lsd, Jan. 12, 1951. Records available: 1951-53.					
Dec. 15, 1953	41.54				

Colfax County

Date	Water level	Date	Water level	Date	Water level
A17-2-10dc. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, depth 64 feet. Land-surface datum is 1,400.83 feet above msl. Highest water level 15.66 below lsd, Mar. 29, 1948 and Apr. 1, 1952; lowest water level 17.70 below lsd, Apr. 29, 1949. Records available: 1947-50, 1952-53.					

Colfax County--Continued

Date	Water level	Date	Water level	Date	Water level
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A17-2-10dc--Continued.

Mar. 29, 1947	17.31	Mar. 9, 1950	17.68	Nov. 19, 1952	15.83
Mar. 29, 1948	15.66	Apr. 1, 1952	15.66	Nov. 11, 1953	16.66
Apr. 29, 1949	17.70				

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 below lsd, Aug. 14, 1951; lowest water level 26.75 below lsd, Mar. 9, 1950. Records available: 1946-51.

July 12, 1949	25.56	Mar. 9, 1950	26.75	Oct. 27, 1950	25.68
Sept. 2	25.89	May 4	25.62	May 3, 1951	24.79
Nov. 5	25.70	June 29	25.76	Aug. 14	24.04
Jan. 11, 1950	25.59	Sept. 7	25.73	Oct. 31	24.98

A17-3-4da. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 71 feet. Land-surface datum is 1,379.43 feet above msl. Highest water level 17.22 below lsd, Apr. 29, 1949; lowest water level 18.05 below lsd, Mar. 29, 1947. Records available: 1947-50.

Mar. 29, 1947	18.05	Apr. 29, 1949	17.22	Measurement discontinued	
Mar. 29, 1948	17.80	Mar. 10, 1950	17.88		

A17-3-11dd. T. O. Bailey. Drilled irrigation water-table well in sand of Pleistocene age, diameter 16 inches, depth 90 feet. Land-surface datum is 1,348.80 feet above msl. Highest water level 7.88 below lsd, Aug. 14, 1951; lowest water level 10.50 below lsd, Jan. 3, 1947. Records available: 1946-53.

Jan. 11, 1950	9.63	Oct. 27, 1950	9.54	Oct. 31, 1951	8.22
Mar. 7	9.80	Jan. 9, 1951	10.27	Jan. 24, 1952	8.98
May 4	9.75	Mar. 14	10.27	Apr. 1	8.20
June 29	9.10	May 3	8.92	Nov. 19	9.16
Sept. 7	9.15	Aug. 14	7.88	Nov. 11, 1953	10.59

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 8.76 below lsd, Apr. 29, 1949; lowest water level 10.60 below lsd, Nov. 11, 1953. Records available: 1947-49, 1953.

Mar. 29, 1947	10.11	Apr. 29, 1949	8.76	Nov. 11, 1953	10.60
Mar. 29, 1948	9.65				

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 below

Colfax County--Continued

Date	Water level	Date	Water level	Date	Water level
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A17-3-18dc--Continued.

lsd, Mar. 23, 1948; lowest water level 4.82 below lsd, Sept. 4, 1946.

Records available: 1946-53.

Jan. 12, 1950	3.76	Sept. 7, 1950	3.75	Oct. 31, 1951	2.59
Mar. 7	3.33	Oct. 27	3.83	Jan. 24, 1952	3.37
May 4	2.89	Jan. 9, 1951	3.78	Nov. 11, 1953	4.19
June 29	4.15	Aug. 14	3.34		

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 below lsd, July 6, 1947; lowest water level 8.87 below lsd, Nov. 19, 1952.

Records available: 1946-53.

Jan. 11, 1950	8.50	Oct. 27, 1950	8.54	Oct. 31, 1951	8.40
Mar. 7	8.09	Jan. 9, 1951	8.67	Jan. 24, 1952	8.41
May 4	8.06	Mar. 14	8.27	Apr. 1	7.40
20	7.90	May 3	7.48	Nov. 19	8.87
June 29	8.34	Aug. 14	7.27	Nov. 11, 1953	8.83
Sept. 7	8.54				

A17-4-17ab. Owner unknown. Drilled irrigation water-table well in sand of Pleistocene age, diameter 18 inches, depth 28 feet. Land-surface datum is 1,330.96 feet above msl. Highest water level 6.08 below lsd, Mar. 29, 1948; lowest water level 8.28 below lsd, Nov. 7, 1952. Records available: 1947-50, 1952-53.

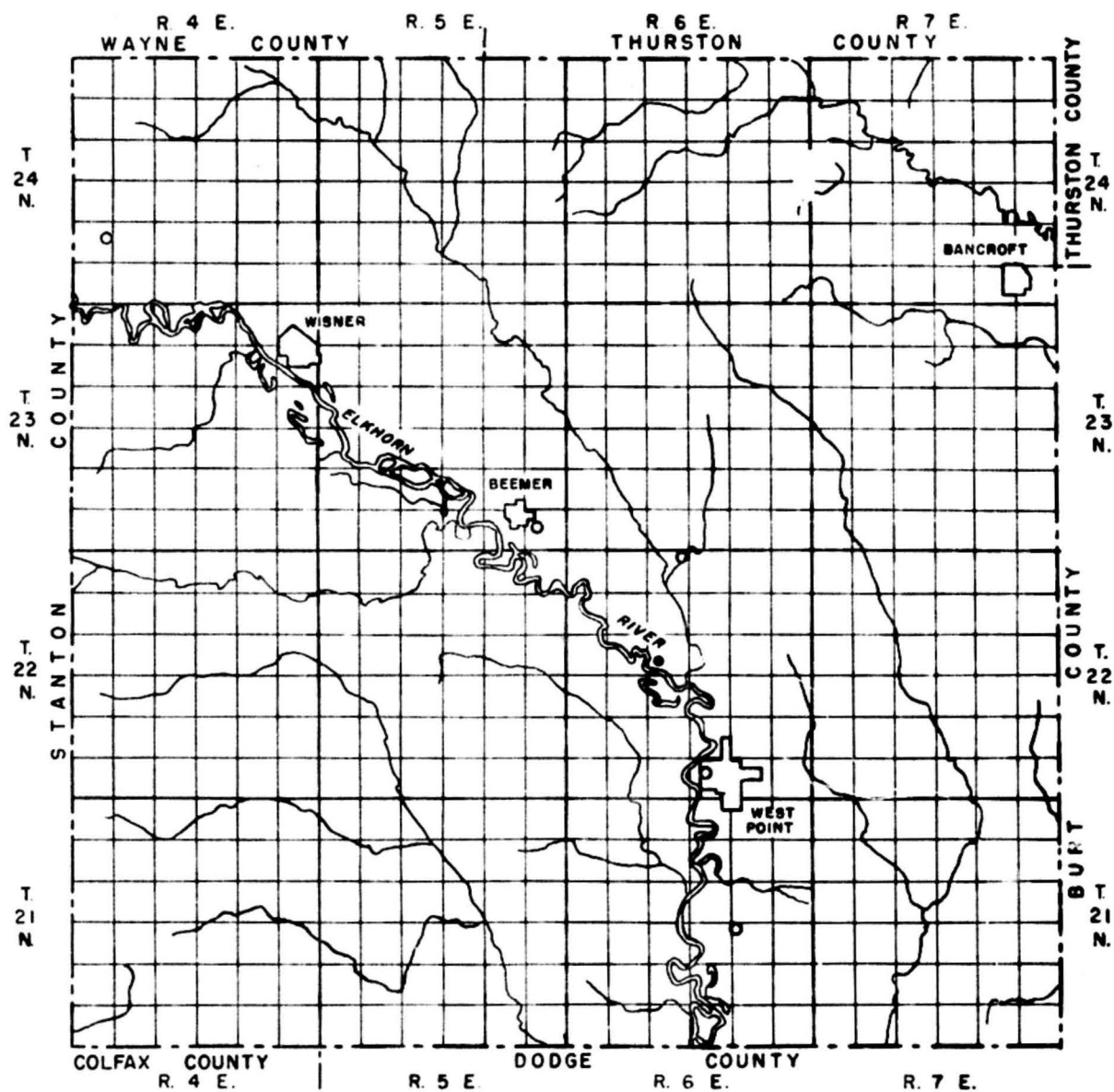
Mar. 29, 1947	7.77	Apr. 29, 1949	7.30	Nov. 7, 1952	8.28
Mar. 29, 1948	6.68	Mar. 7, 1950	7.65	Nov. 11, 1953	8.82

A18-4-31cb. Owner unknown.. Drilled irrigation water-table well in sand of Pleistocene age, diameter 24 inches, depth 56 feet. Land-surface datum is 1,349.06 feet above msl. Highest water level 7.98 below lsd, Apr. 29, 1949; lowest water level 10.11 below lsd, Mar. 29, 1947. Records available: 1947-50, 1952-53.

Mar. 29, 1947	10.11	Apr. 29, 1949	7.98	Nov. 7, 1952	8.94
Mar. 29, 1948	9.25	Mar. 7, 1950	9.05	Nov. 11, 1953	9.68

A18-4-36ab. Owner unknown. Driven stock water-table well in sand of Pleistocene age, diameter 1 1/4 inches, depth 12 feet. Highest water level 1.90 below lsd, Apr. 29, 1949; lowest water level 4.64 below lsd, Nov. 11, 1953. Records available: 1947-49, 1952-53.

Mar. 29, 1947	3.73	Apr. 29, 1949	1.90	Nov. 11, 1953	4.64
Mar. 29, 1948	3.48	Nov. 7, 1952	3.87		



CUMING COUNTY

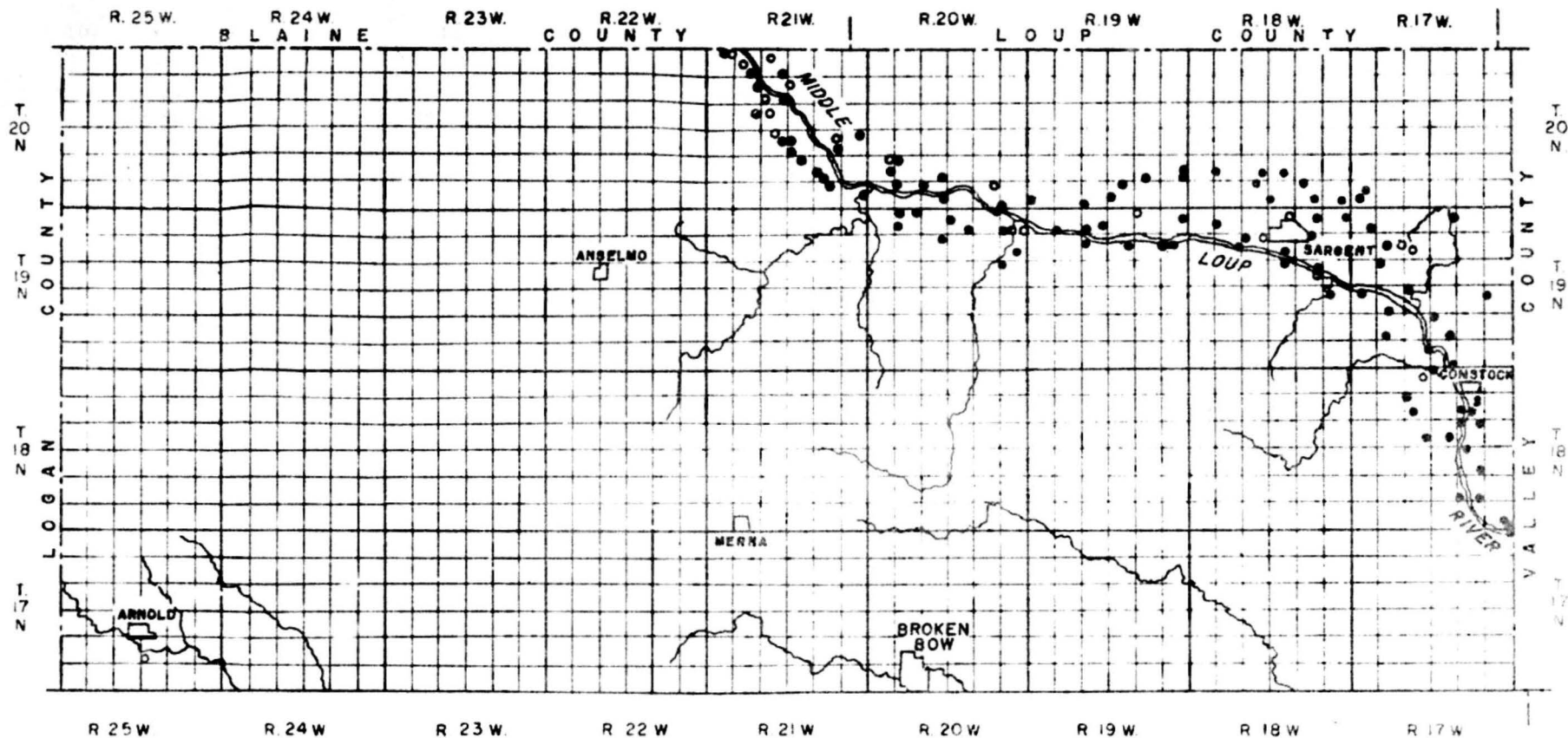
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EXPLANATION

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Well; water-level record included
in this report

○
Well; water-level record included
in other reports

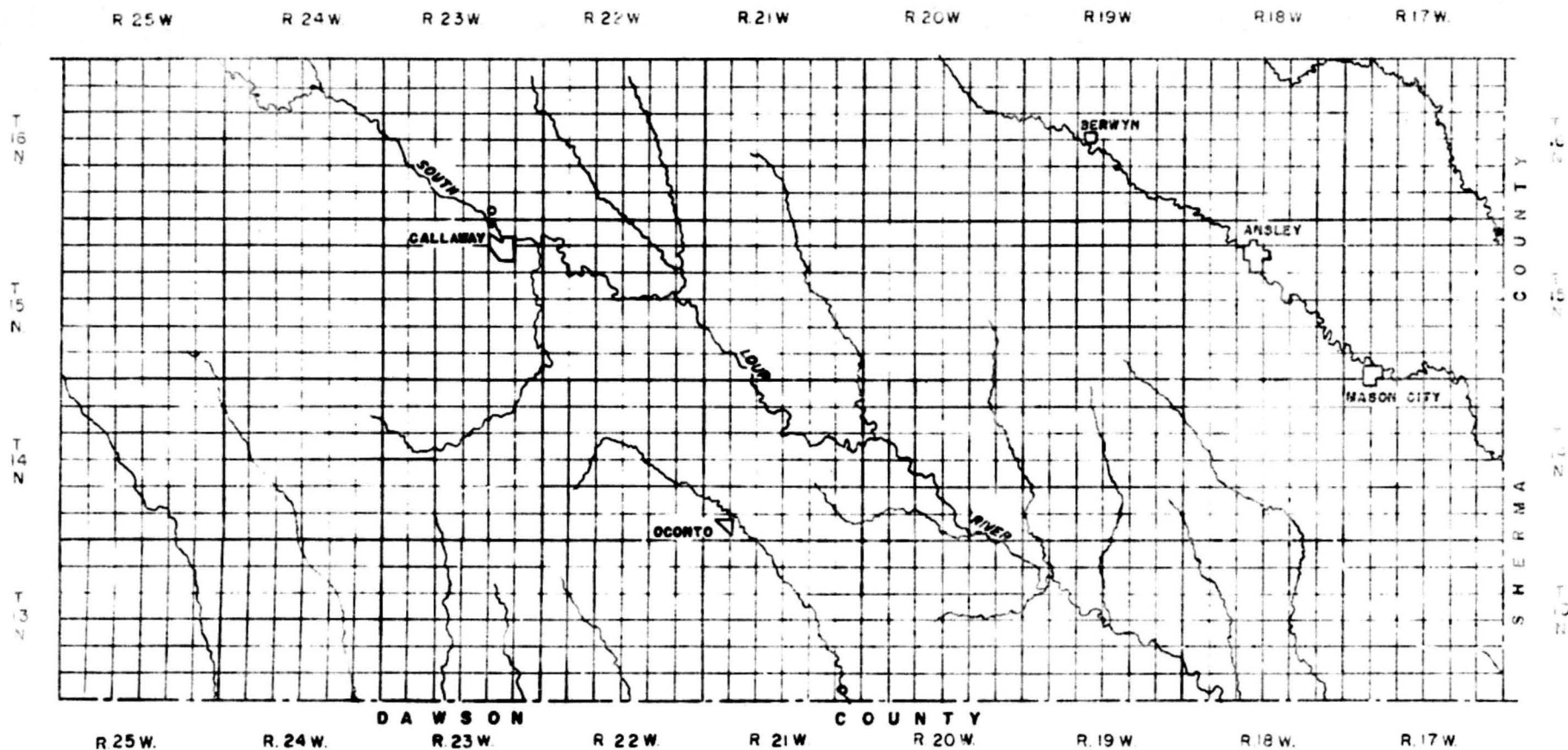


CUSTER COUNTY (NORTH HALF)

0 5 Miles

EXPLANATION

- Well; water-level record included in this report.
- Well; water-level record included in other reports



CUSTER COUNTY (SOUTH HALF)

0 5 Miles

EXPLANATION

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Well; water-level record included
in this report

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Well; water-level record included
in other reports



Cuming County

Date	Water level	Date	Water level	Date	Water level
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 below lsd, Nov. 7, 1951; lowest water level 8.57 below lsd, Nov. 30, 1953. Records available: 1951, 1953.					
Jan. 16, 1951	5.07	May 28, 1951	3.21	Nov. 7, 1951	1.99
Mar. 8	4.73	Aug. 29	5.40	Nov. 30, 1953	8.57

Custer County

Date	Water level	Date	Water level	Date	Water level
15-17-lad. Glen Smith. Drilled irrigation water-table well in sand of Pleistocene age, diameter 2 1/4 inches, depth 122 feet. Land-surface datum is 2,222.06 feet above msl. Highest water level 20.53 below lsd, Sept. 19, 1951; lowest water level 21.48 below lsd, Nov. 6, 1950. Records available: 1950-51, 1953.					
Jan. 12, 1951	21.35	Feb. 18, 1953	21.60	July 9, 1953	22.66
Sept. 19	20.53				

15-23-2bb. U. S. Geol. Survey. Formerly University of Nebraska. Drilled observation water-table well in fine sand, diameter 1 inch, depth 12 feet. Highest water level 0.22 below lsd, Feb. 19, 1952; lowest water level 4.03 below lsd, Aug. 16, 1935. Records available: 1934-42, 1951-52.					
Apr. 2, 1951	0.40	Aug. 28, 1951	1.38	Feb. 19, 1952	0.22
May 30	.28	Dec. 12	.95	Apr. 29	.83
Aug. 20	2.20				

17-17-laa. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 12 feet. Land-surface datum is 2,198.79 feet above msl. Highest water level 1.84 below lsd, Aug. 8, 1950; lowest water level 5.19 below lsd, Nov. 9, 1949. Records available: 1949-52.					
Jan. 10, 1951	4.76	July 5, 1951	3.25	Feb. 12, 1952	4.33
Mar. 13	4.73	Sept. 14	3.90	Apr. 11	4.74
May 11	4.56	Dec. 4	5.00	July 18	4.94

18-17-3bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 14 feet. Land-surface datum is 2,359.35 feet above msl. Highest water level 4.65 below lsd, May 22, 1951; lowest water level 6.49 below lsd, Nov. 11, 1949. Records available: 1949-53.					
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Custer County--Continued

Date	Water level	Date	Water level	Date	Water level
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18-17-3bb.--Continued.

Jan. 11, 1951	6.22	Sept. 14, 1951	5.73	Apr. 14, 1952	5.91
Mar. 13	6.27	Nov. 28	6.29	July 16	6.10
May 22	4.65	Feb. 19, 1952	5.99	July 15, 1953	5.34

18-17-9bb. U. S. Geol. Survey. Driven observation water-table well in sand of Pleistocene age, diameter 3/4 inch, depth 28 feet. Land-surface datum is 2,283.68 feet above msl. Highest water level 10.73 below lsd, July 5, 1950; lowest water level 15.43 below lsd, Apr. 26, 1950. Records available: 1949-51.

Jan. 11, 1951	14.77	Sept. 24, 1951	12.49		
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18-17-9ca. Walter Nelson. Drilled irrigation water-table well in gravel, diameter 18 inches, depth 100 feet. Land-surface datum is 2,282.99 feet above msl. Records available: 1951.

Sept. 14, 1951	18.37				
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18-17-11cb. 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 2,236.27 feet above msl. Highest water level 3.19 below lsd, Aug. 8, 1950; lowest water level 4.08 below lsd, Sept. 27, 1950. Records available: 1950-51.

Jan. 11, 1951	3.72	Sept. 14, 1951	3.37		
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18-17-11db1. Owner unknown. Drilled observation water-table well in sand of Pleistocene age, diameter 2 1/2 inches, depth 30 feet. Land-surface datum is 2,238.06 feet above msl. Highest water level 2.82 below lsd, Sept. 14, 1951; lowest water level 5.47 below lsd, Feb. 3, 1950. Records available: 1949-51.

Jan. 11, 1951	5.12	Sept. 14, 1951	2.82		
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18-17-11db2. Owner unknown. Drilled observation water-table well in sand of Pleistocene age, diameter 2 1/2 inches, depth 16 feet. Land-surface datum is 2,238.73 feet above msl. Highest water level 3.40 below lsd, Sept. 14, 1951; lowest water level 7.81 below lsd, Jan. 11, 1951. Records available: 1949-51.

Jan. 11, 1951	7.81	Sept. 14, 1951	3.40		
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18-17-14aa. 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 2,233.93 feet above msl. Highest water level 1.09 below lsd, Sept. 14, 1951; lowest water level 3.82 below lsd, Feb. 3, 1950. Records available: 1949-51, 1953.

Jan. 11, 1951	3.05	Sept. 14, 1951	1.09	July 15, 1953	3.54
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