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## Water Levels In Observation Wells In Nebraska, 1968


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Water Levels in Observation Wells  
in Nebraska  
1968

NEBRASKA WATER SURVEY PAPER  
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University of Nebraska  
Conservation and Survey Division

June 1969



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Publications and price lists are furnished upon request.

WATER LEVELS IN OBSERVATION WELLS

IN NEBRASKA

1968

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U.S. Geological Survey

and

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NEBRASKA WATER SURVEY PAPER 24

Prepared cooperatively by the Conservation and  
Survey Division, University of Nebraska and  
the Geological Survey, United States  
Department of the Interior

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# WATER LEVELS IN OBSERVATION WELLS IN NEBRASKA IN 1968

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## INTRODUCTION

A ground-water reservoir consists of saturated rock materials sufficiently permeable that water can move through them by gravity and can be discharged through wells. Under natural conditions, water enters ground-water reservoirs by percolation from the land surface and then very slowly moves laterally within the reservoir toward areas where it discharges by evapotranspiration, flow from springs, or seepage into lakes or streams.

The amount of water stored in ground-water reservoirs differs from time to time owing to the ever-changing relationship of recharge to discharge. Such changes in the amount of water stored are reflected by fluctuations of the water level in wells. Where little or no ground water is discharged through wells, water-level fluctuations are governed almost wholly by natural recharge to and natural discharge from the ground-water reservoir; where much ground water is discharged through wells, water levels adjust to reflect effects of pumping. By measuring water levels in wells periodically and by plotting the measurements against time, it is possible to project the trend of water-level fluctuations and to estimate the adequacy of future water supplies.

Water levels in many observation wells in Nebraska have been measured for more than 20 years, and some have been measured since 1934; however, new wells are continually being added to the program and some are inadvertently destroyed or dropped from the program for some reason. Measurements made during 1968 in wells not included in this report may be obtained from the U.S. Geological Survey, Room 127, Nebraska Hall, 901 North 17th Street, Lincoln, Nebr., 68508, or the Conservation and Survey Division, University of Nebraska, Lincoln, Nebr., 68508, upon request.



Except for a few, the water-level measurements given in this report are made in the fall after the close of the irrigation season. All measurements are in feet below land-surface datum at well sites. Land-surface datum is a datum plane that is approximately at land surface at each well. Water levels above land-surface datum are preceded by a plus (+) sign, whereas those below have no sign but are understood to be minus (-).

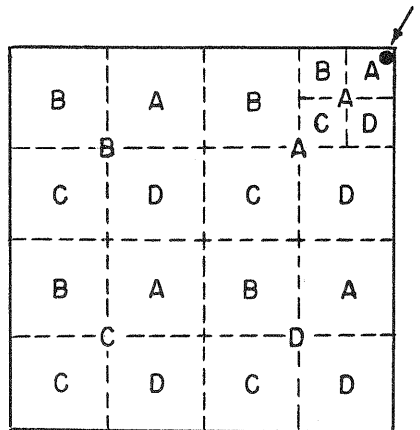
B. H. Ringen of the U.S. Geological Survey and G. R. Svoboda of the Conservation and Survey Division of the University of Nebraska jointly directed the statewide observation-well program during 1968. The following organizations cooperated informally in the program by furnishing records for some of the wells: Nebraska Mid-State Reclamation District; U.S. Bureau of Reclamation; U.S. Bureau of Sport Fisheries and Wildlife; Nebraska Department of Water Resources; Nebraska Department of Roads; Department of Public Works and Utilities, City of Lincoln; and various county and district organizations.

#### WELL-NUMBERING SYSTEM

Well numbers are based on the land subdivisions within the U.S. Bureau of Land Management's survey of Nebraska. The numeral preceding the N (north) indicates the township, the numeral preceding the E (east) or W (west) indicates the range, and the numeral preceding the terminal letters indicates the section in which the well is located. The terminal letters denote, in order, the quarter section, the quarter-quarter section, and the quarter-quarter-quarter section and are assigned in counterclockwise direction beginning with A in the northeast quarter of the section, of the quarter section, and of the quarter-quarter section.

If two or more wells are located in the same tract, they are distinguished by appending a sequential digit to the well number. (See accompanying sketch.) Thus, the second well inventoried in NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 26, T. 4 N., R. 7 W. would be assigned the number 4N-7W-26AAA2.

WELL NO. 4N-7W-26AAA



Section 26



## PRECIPITATION

During 1968 precipitation over the State averaged 1.12 inches greater than normal; only the Southwest Division of the State was below average. January, February, and March were very dry in all parts of the State whereas precipitation during the spring and early summer was near normal and during summer and fall was generally above normal except in the southwest. The distribution of the summer rainfall was more favorable for crop growth than in the average year, and many irrigation wells in southeastern Nebraska were not pumped after the end of July. The summer rains probably added only a small amount of recharge to the ground-water reservoir, but they reduced the withdrawals for irrigation.

Graphs of the cumulative average precipitation for each of the eight climatic divisions of the State are shown in figure 1. The dashed line is the cumulative average monthly precipitation for 1968, and the solid line is the cumulative average monthly precipitation for the 30-year period of record. Precipitation differed from the long-term average by the amount of deviation of the curves.

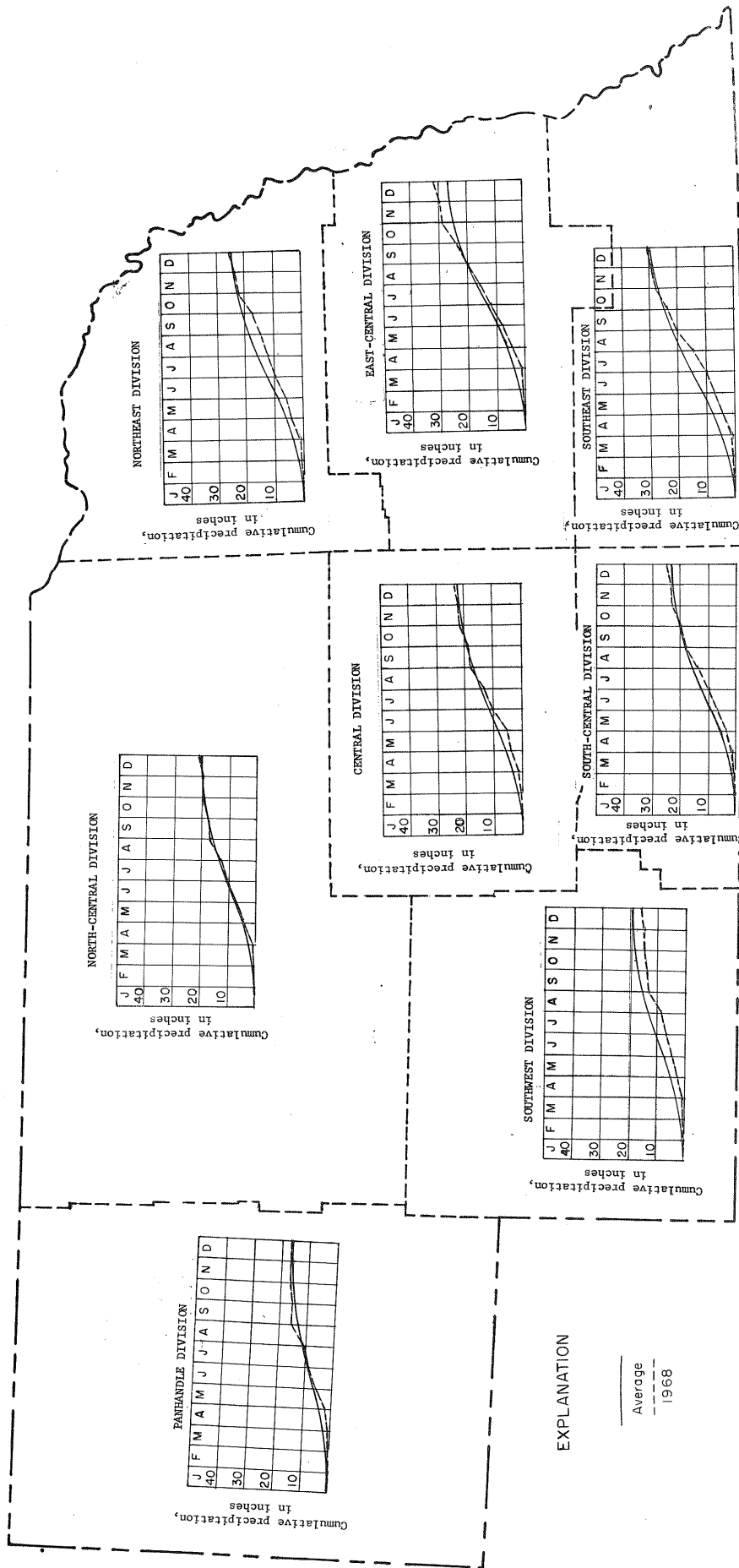


Figure 1.--Map of Nebraska showing cumulative average monthly precipitation and cumulative monthly precipitation for 1968 in eight divisions of the State. (From records of the ESSA Weather Bureau)



## WATER-LEVEL FLUCTUATIONS

Periodic measurement of depth to water in wells provides information on fluctuations of the water table; and when observations are continued through a long period of time, trends in storage changes of the ground-water reservoir are indicated. At places where continuous records of water-level fluctuations are desired, observation wells are equipped with recording gages. Such gages record all water-level changes automatically; thus, the gage chart is a continuous record of the magnitude and frequency of the fluctuations.

In areas where little or no water is withdrawn from ground-water reservoirs, water levels in observation wells indicate the natural trend of changes in ground-water storage. On the other hand, in areas where much ground water is pumped for irrigation or other uses, the natural forces influencing fluctuations of water levels generally are overshadowed by effects of pumping. When wells are pumped heavily, levels may decline substantially because water is being removed faster than the ground-water reservoir discharges it naturally. After the irrigation season ends and wells are no longer pumped, water levels recover somewhat but normally do not rise to the prepumping level. Figure 2 shows the number of irrigation wells registered in each county by fall 1968 and the number registered during the year. Of the 32,430 registered irrigation wells in the State as of January 1, 1969, 1801 were registered in 1968 with the Nebraska Department of Water Resources.



## CHANGES IN WATER LEVELS

Sixty of the 93 counties in the State ended the 1968 year with average water levels lower than those in the fall of 1967. Most counties that had rising water levels were those where surface water is diverted from streams for irrigation, recharge to the ground-water reservoir from the irrigation-water seepage accounting for the rise in water levels. In a few counties, however, water levels showed a net rise because recharge from greater than normal precipitation in late summer more than balanced the discharge during the year. Among these were the following counties in the Big Blue River basin: Clay, with an average water-level rise of 1.28 feet; Hamilton, with a rise of 0.48 foot; York, with a rise of 0.32 foot; and Polk, with a rise of 0.11 foot. All other counties in the Big Blue basin sustained a net decline in average water levels during the year. Similarly, water levels in the lower Platte River valley were a fraction of a foot lower than in the fall of 1967 except in Hall County, where the average rise was about 0.7 foot.

All counties having significant water-level declines were those where ground water is heavily developed. The development in Holt County is beginning to lower ground-water levels, the average decline there being 1.68 feet and the greatest decline in a single well 9.06 feet. Withdrawals of ground water in Box Butte County resulted in an average decline of 1.04 feet during 1968.

Figure 3 shows for 91 of the 93 counties how much the average fall 1968 water-level readings differ from the average of the previous fall and from the assumed normal or predevelopment level. Derivation of the assumed normal for any well added to the observation-well program involves interpretation of the history of water-table changes in the vicinity of the well, based on long-term records of water-level fluctuations in that vicinity. Not all records are long, but a few are longer than 30 years and many are longer than 20 years. Although a predevelopment water level cannot be precisely determined for a new well, the assumed normal affords a meaningful reference datum to which all future water-level readings can be compared when evaluating the effects of water-use developments.

Areas where the water table has risen or declined 5 feet or more during the period of record are shown in figure 4. The greatest rise has occurred in Gosper, Phelps, and Kearney Counties where recharge from the "Tri-County" irrigation development has raised the water table more than 50 feet along the axis of the water-table divide between the Platte and Republican Rivers. Significant declines have occurred in Box Butte County and in the Big Blue River basin (Polk, Hamilton, York, Adams, Clay, and Fillmore Counties). Figure 5 shows how the water level in well 6N-15W-1CB (Kearney County) has risen as a result of seepage from irrigation water and figure 6 shows how the water level in well 25N-48W-4DDD1 (Box Butte County) has declined 24 feet since the early 1950's owing to withdrawals for irrigation. The greatest decline due to pumping for irrigation in the Big Blue River basin was nearly 21 feet in well 7N-4W-17BD1.







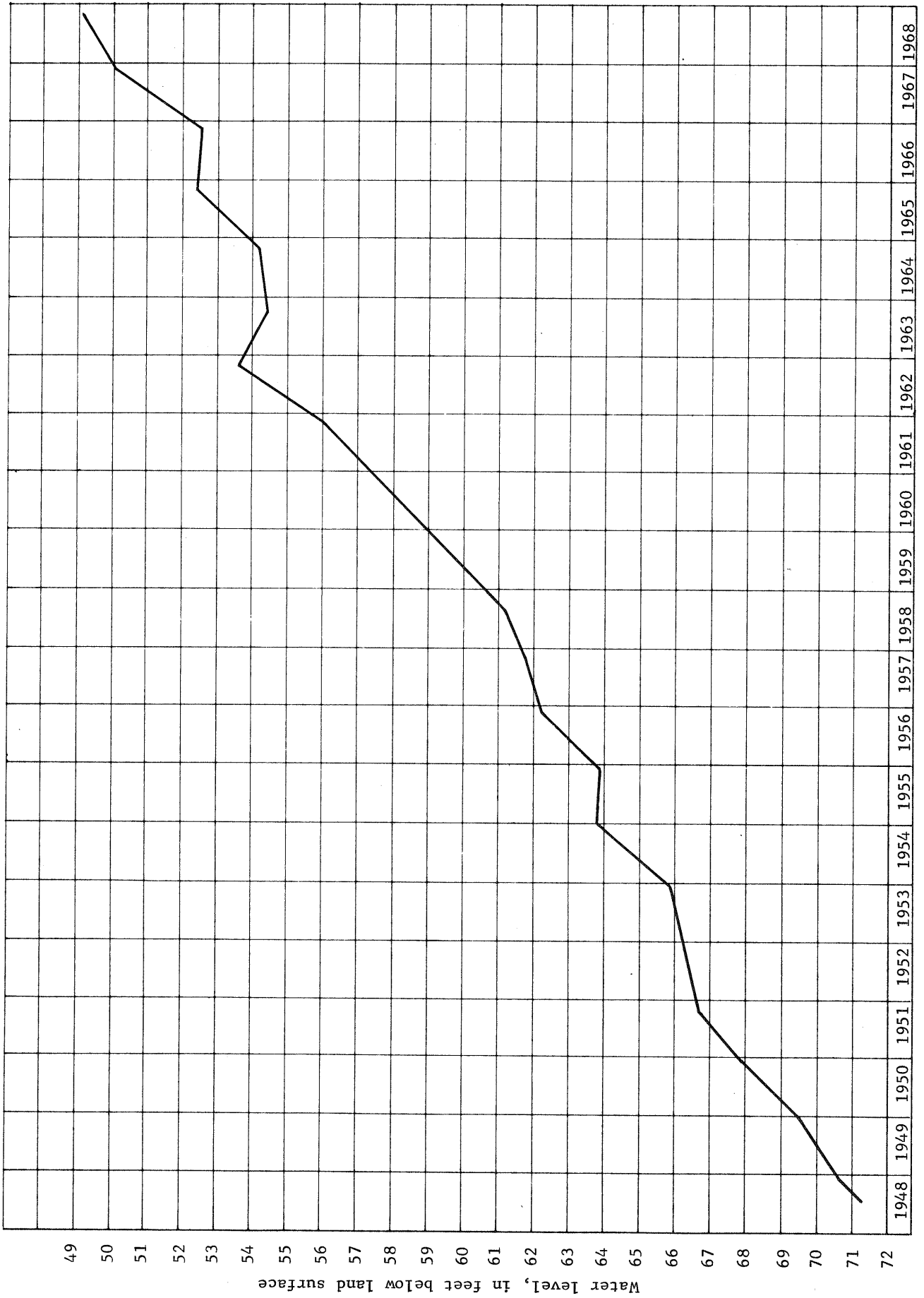


Figure 5.--Hydrograph of water-level fluctuations in observation well 6N-15W-1CB, Kearney County, Nebr.

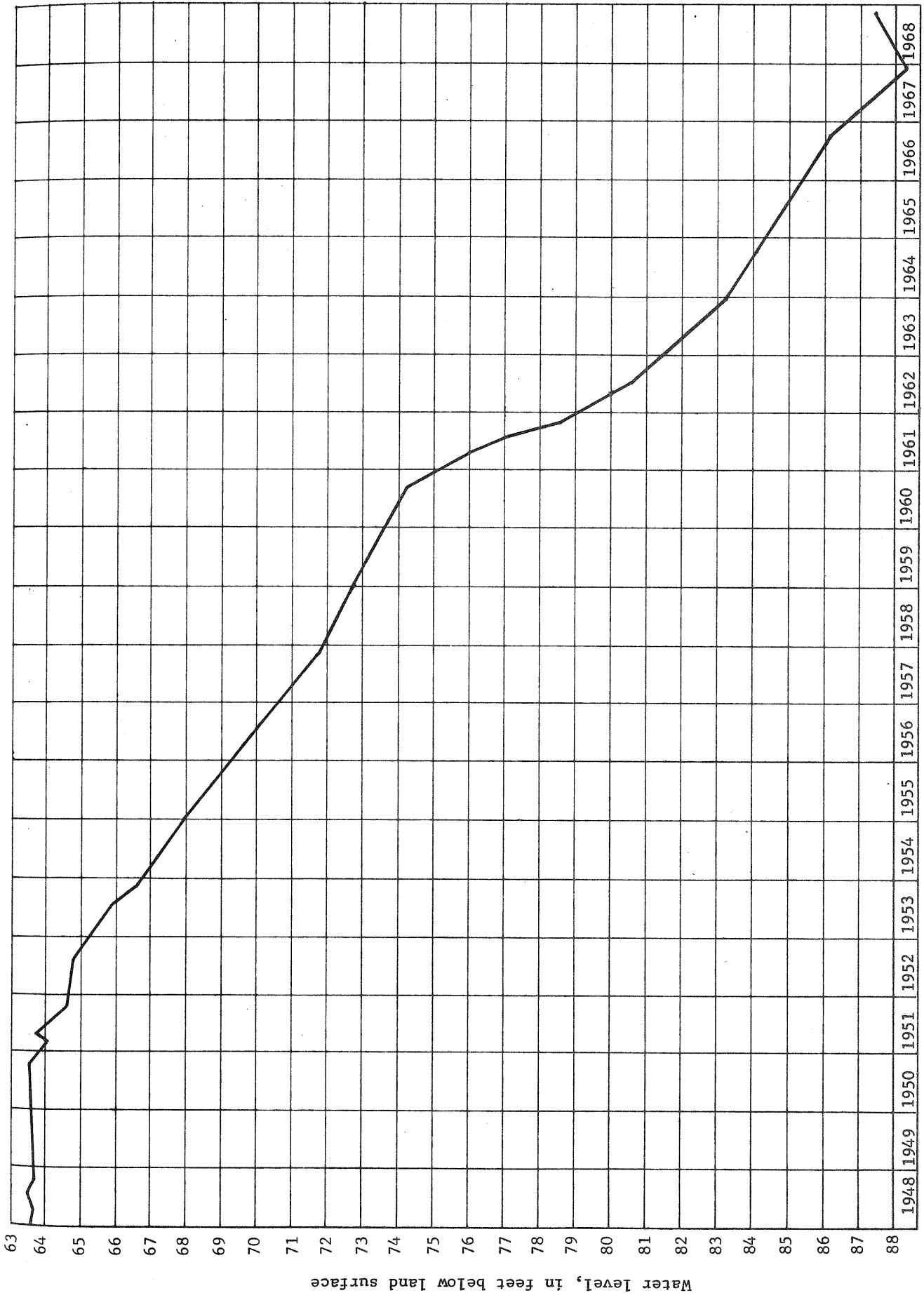


Figure 6. --Hydrograph of water-level fluctuations in observation well 25N-48W-4DD1, Box Butte County, Nebr.

During the summer and fall of 1968, 20 new recording gages were added to the network of 27 that had previously been installed and operated. Records for recently installed recorders are not included in this report but will be published in future reports. Locations of all recording gages, including those recently installed, are shown on the map. Hydrographs for the gages for which records have been published follow page 43; they are arranged alphabetically according to the name of the county in which each is located. Some of the graphs show a long-term downward trend indicating that the rate of ground-water withdrawal is greater than the rate of natural discharge. Others have a long-term upward trend indicating that recharge is occurring at a rate greater than withdrawals and natural discharge combined.

## OTHER REPORTS CONTAINING WATER-LEVEL MEASUREMENTS

The publication of measurements of water levels in wells in the United States was begun by the Geological Survey in 1935 and was continued annually until 1957. Data collected after that time have been presented at 5-year intervals. Records for representative Nebraska wells are included in the U.S. Geological Survey publications listed in the following table.

U.S. Geological Survey Water-Supply Papers on Water Levels and Artesian Pressures in Observation Wells in the United States

Year	Number	Year	Number	Year	Number
1935	777	1943	988	1951	1193
1936	817	1944	1018	1952	1223
1937	840	1945	1025	1953	1267
1938	845	1946	1073	1954	1323
1939	886	1947	1098	1955	1406
1940	908	1948	1128	1956	1456
1941	938	1949	1158	1961	1781
1942	946	1950	1167		

Beginning in 1954, annual publications of the water-level measurements made in wells in Nebraska were released in State reports. Except for some wells observed during special studies, on which records are kept in open file, these reports include water-level data for all observation wells in the Nebraska network. The annual State water-level reports are listed below.

Keech, C. F., and Case, R. L., 1954, Water levels prior to January 1, 1954, in observation wells in Nebraska, Pts. 1 and 2: U.S. Geol. Survey open-file rept., Washington, D. C., Denver, Colo., and Lincoln, Nebr.

\_\_\_\_\_, 1955, Water levels in observation wells in Nebraska during 1954: U.S. Geol. Survey open-file rept., Washington, D. C., Denver, Colo., and Lincoln, Nebr.



- Keech, C. F., 1956, Water levels in observation wells in Nebraska during 1955: U.S. Geol. Survey open-file rept., Washington, D. C., Denver, Colo., and Lincoln, Nebr.
- \_\_\_\_\_ 1957, Water levels in observation wells in Nebraska during 1956: U.S. Geol. Survey open-file rept., Washington, D. C., Denver, Colo., and Lincoln, Nebr.
- \_\_\_\_\_ 1958, Water levels in observation wells in Nebraska during 1957: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 4.
- \_\_\_\_\_ 1959, Water levels in observation wells in Nebraska during 1958: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 5.
- \_\_\_\_\_ 1960, Water levels in observation wells in Nebraska during 1959: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 6.
- \_\_\_\_\_ 1961, Water levels in observation wells in Nebraska during 1960: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 9.
- Keech, C. F., and Hyland, J. B., 1962, Water levels in observation wells in Nebraska during 1961: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 12.
- Emery, P. A., and Malhoit, M. M., 1963, Water levels in observation wells in Nebraska, 1962: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 13.
- \_\_\_\_\_ 1964, Water levels in observation wells in Nebraska, 1963: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 14.
- \_\_\_\_\_ 1965, Water levels in observation wells in Nebraska, 1964: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 17.
- \_\_\_\_\_ 1966, Water levels in observation wells in Nebraska, 1965: Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey Paper No. 18.

Keech, C. F., 1967, Water levels in observation wells in Nebraska, 1966:

Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey

Paper No. 20.

        1968, Water levels in observation wells in Nebraska, 1967:

Nebraska Univ., Conserv. and Survey Div., Nebraska Water Survey

Paper No. 23.

Shown below are the number of wells in each county and the page numbers on which tabulations of county records begin. Locations of the observation wells for which measurements are given are shown in figure 7.

<u>County</u>	<u>Number of wells</u>	<u>Table page</u>	<u>County</u>	<u>Number of wells</u>	<u>Table page</u>
Adams.....	11	20	Jefferson.....	6	32
Antelope.....	6	20	Johnson.....	1	32
Banner.....	2	20	Kearney.....	10	33
Blaine.....	2	20	Keith.....	7	33
Boone.....	4	21	Keya Paha.....	2	33
Box Butte.....	10	21	Kimball.....	7	33
Boyd.....	8	21	Knox.....	4	34
Brown.....	7	21	Lancaster.....	4	34
Buffalo.....	16	22	Lincoln.....	15	34
Burt.....	3	22	Logan.....	1	35
Butler.....	5	23	Loup.....	4	35
Cass.....	1	23	McPherson.....	1	35
Cedar.....	1	23	Madison.....	4	35
Chase.....	4	23	Merrick.....	9	35
Cherry.....	12	23	Morrill.....	9	36
Cheyenne.....	8	24	Nance.....	4	36
Clay.....	6	24	Nemaha.....	1	36
Colfax.....	4	24	Nuckolls.....	8	36
Cuming.....	9	25	Otoe.....	2	37
Custer.....	9	25	Pawnee.....	1	37
Dakota.....	1	25	Perkins.....	1	37
Dawes.....	2	25	Phelps.....	12	37
Dawson.....	21	26	Pierce.....	3	37
Deuel.....	4	26	Platte.....	5	38
Dodge.....	12	27	Polk.....	12	38
Douglas.....	1	27	Red Willow.....	4	38
Dundy.....	6	27	Richardson.....	2	38
Fillmore.....	8	27	Rock.....	3	39
Franklin.....	4	28	Saline.....	6	39
Frontier.....	3	28	Sarpy.....	1	39
Furnas.....	6	28	Saunders.....	6	39
Gage.....	3	28	Scotts Bluff...	6	39
Garden.....	5	29	Seward.....	6	40
Garfield.....	3	29	Sheridan.....	17	40
Gosper.....	5	29	Sherman.....	7	40
Grant.....	3	29	Sioux.....	1	41
Greeley.....	2	29	Stanton.....	4	41
Hall.....	17	29	Thayer.....	3	41
Hamilton.....	6	30	Thomas.....	3	41
Harlan.....	5	30	Thurston.....	1	41
Hayes.....	3	31	Valley.....	7	42
Hitchcock.....	6	31	Washington.....	1	42
Holt.....	21	31	Wayne.....	1	42
Hooker.....	1	32	Webster.....	5	42
Howard.....	5	32	Wheeler.....	1	42
			York.....	8	42

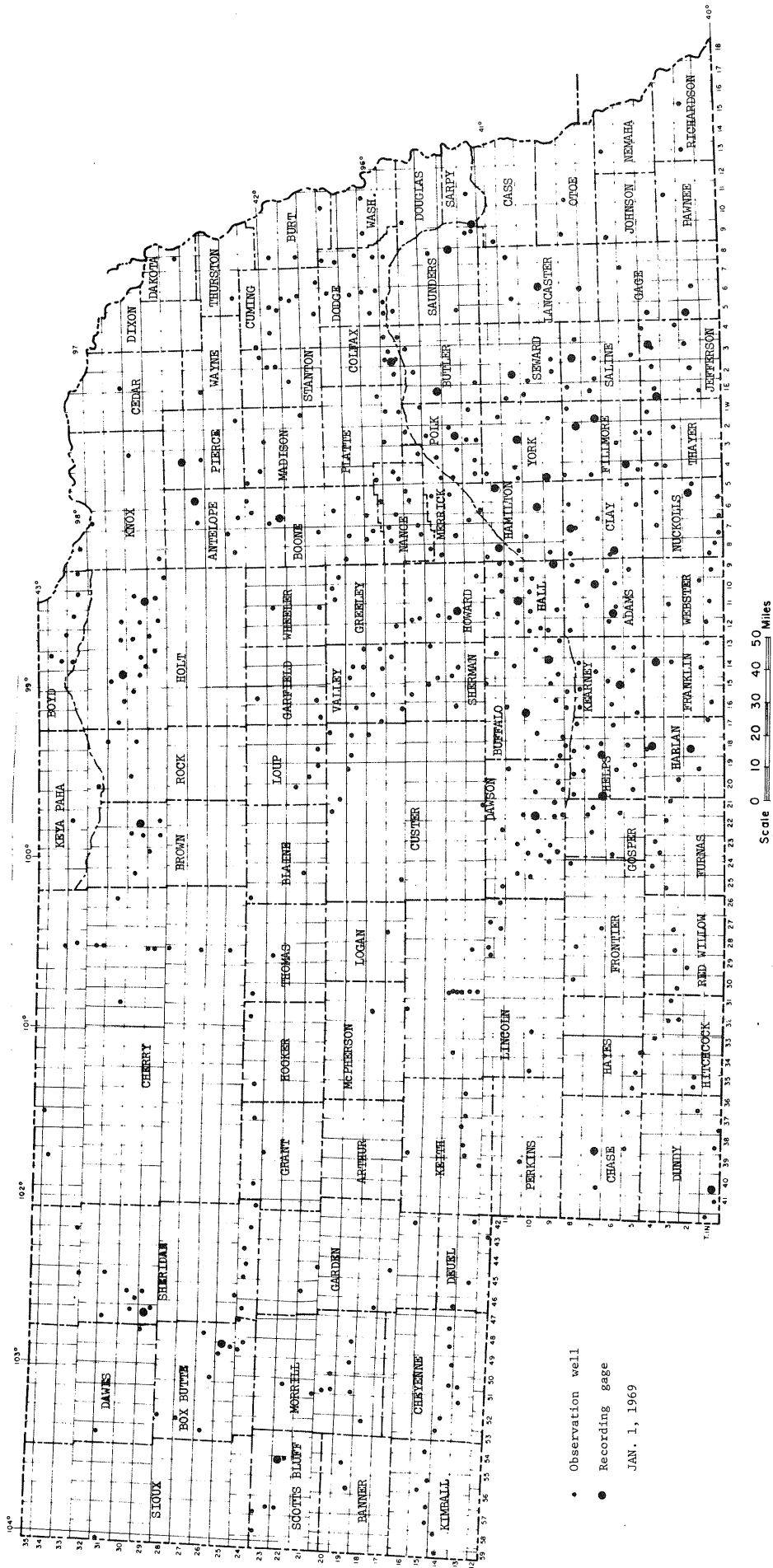


Figure 7.— Map of Nebraska showing observation wells.

Table 1.--Water levels and their departures from assumed normal and from previous fall

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM		CHANGE FROM	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	ASSUMED NORMAL	PREVIOUS FALL		
ADAMS COUNTY											
5N-9W-9DC	1	1947	35.65	5-26-49	39.41	11-15-67	39.10	10-30-68	-1.82	0.31	
6N-9W-4CB	1	1947	102.62	6-17-52	109.83	10-30-68	109.83	10-30-68	-6.83	-0.97	
6N-10W-23BB	1	1936	2.05	5-26-49	10.43	4-12-37	6.32	10-30-68	-0.32	1.02	
6N-11W-22CC	1	1950	90.26	10-24-51	95.35	10-30-68	95.35	10-30-68	-5.09	NO RECORD	
6N-12W-12DB	1	1948	98.31	10-24-51	103.22	10-30-68	103.22	10-30-68	-3.52	-0.65	
7N-10W-23AB	1	1934	99.95	3-14-35	115.43	8-16-67	112.53	12-31-68	-10.53	-0.24	
7N-11W-3CB	1	1947	110.64	12-28-53	115.49	11-16-67	115.29	10-30-68	-4.29	0.20	
7N-12W-15CA	1	1947	94.63	12-16-54	98.51	11-4-64	98.00	10-30-68	-2.00	0.47	
8N-9W-14AC	1	1948	107.78	6-17-52	118.58	10-30-68	118.58	10-30-68	-9.08	-0.37	
8N-10W-26DA	1	1948	96.10	8-22-51	107.20	10-30-68	107.20	10-30-68	-10.20	-0.24	
8N-12W-8AB	1	1946	6.15	7-8-49	11.39	11-4-64	NO READING				
ANTELOPE COUNTY											
23N-6W-8RB	1	1964	92.46	1-13-65	96.42	8-11-66	95.82	10-23-68	-3.32	NO RECORD	
24N-5W-5RB	1	1951	24.60	11-8-51	29.78	11-14-56	29.52	10-23-68	-3.92	-1.83	
25N-6W-27RB	1	1951	15.83	8-31-51	22.05	11-14-56	19.97	10-23-68	-1.07	-0.72	
25N-7W-3DR	1	1951	7.05	8-31-51	13.94	10-13-65	13.33	10-23-68	-3.13	-2.57	
25N-8W-14AA	1	1964	12.48	6-29-67	15.28	10-23-68	15.28	10-23-68	-2.78	NO RECORD	
27N-6W-29CA	1	19-	100.37	10-24-67	101.83	10-23-68	101.83	10-23-68	-1.33	-1.46	
BANNER COUNTY											
19N-54W-15BC	1	1949	22.40	7-13-49	35.08	9-29-64	33.23	10-17-68	-9.73	-1.80	
19N-55W-29AC	1	1934	23.00	10-17-57	44.35	10-10-60	36.07	10-17-68	-4.77	-4.15	
BLAINE COUNTY											
22N-24W-33CA	1	1934	1.04	3-8-50	6.97	8-8-51	4.00	12-16-68	0.0	0.35	
24N-25W-7AA	1	1936	3.42	11-25-36	6.56	8-31-54	5.14	10-14-68	0.36	-0.05	



Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM		CHANGE FROM	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	ASSUMED NORMAL	PREVIOUS FALL	ASSUMED NORMAL	PREVIOUS FALL
BOONE COUNTY											
19N-5W-28CD	1	31.62	7-25-50	36.53	8-17-54	34.63	10-23-68	-0.93	-0.35	-0.93	-0.35
19N-7W-9AC	1	234.85	11-30-67	235.43	10-23-68	235.43	10-23-68	-0.43	-0.58	-0.43	-0.58
20N-6W-23RR	1	28.15	7-25-50	34.36	10-23-68	34.36	10-23-68	-3.36	-1.48	-3.36	-1.48
21N-7W-26CA	1	14.13	8-22-50	21.07	10-14-38	17.79	10-23-68	-1.09	-2.13	-1.09	-2.13
BOYD COUNTY											
24N-47W-1DR	1	11.14	3-25-48	14.78	10-27-64	14.19	10-25-68	-2.49	0.04	-2.49	0.04
24N-48W-40B	1	13.32	4-11-46	33.16	10-26-67	33.15	10-24-68	-19.15	0.01	-19.15	0.01
24N-48W-11DD	1	0.91	5-11-49	8.04	10-13-56	7.16	10-24-68	-1.16	-0.26	-1.16	-0.26
25N-48W-40DD	1	63.14	1-25-50	88.56	10-26-67	87.43	10-24-68	-23.93	1.13	-23.93	1.13
25N-48W-25BR	1	70.76	3-29-46	96.56	10-24-68	96.56	10-24-68	-22.06	-1.01	-22.06	-1.01
26N-47W-17DD	1	52.35	5-11-49	87.52	10-24-68	87.52	10-24-68	-33.52	-5.29	-33.52	-5.29
26N-49W-30DD	1	137.07	11-1-67	140.01	10-24-68	140.01	10-24-68	-3.01	-2.94	-3.01	-2.94
26N-52W-10RC	1	93.37	7-22-38	105.56	9-19-54	93.82	10-24-68	1.18	0.03	1.18	0.03
27N-51W-6RH	1	196.52	10-17-62	225.13	10-11-60	219.63	10-24-68	2.17	-2.31	2.17	-2.31
28N-51W-6DD	2	2.37	3-21-53	4.73	9-19-54	3.78	10-24-68	-1.28	0.17	-1.28	0.17
BRUNN COUNTY											
32N-10W-1CC	1	7.39	9-21-66	10.18	10-30-40	7.48	10-16-68	1.52	2.67	1.52	2.67
33N-9W-24RB	1	2.28	7-17-62	12.76	10-16-68	12.76	10-16-68	-0.76	-0.82	-0.76	-0.82
33N-10W-23AB	1	7.96	7-17-62	12.29	10-16-68	12.29	10-16-68	-0.29	-0.40	-0.29	-0.40
33N-11W-15AA	1	5.70	6-27-62	10.48	10-16-68	10.48	10-16-68	-0.48	-0.40	-0.48	-0.40
33N-13W-9CA	1	6.83	7-17-62	19.08	10-31-40	14.95	10-15-68	2.05	-0.28	2.05	-0.28
34N-12W-35DC	1	13.00	7-17-62	18.20	9-21-66	18.16	10-15-68	-0.16	-0.47	-0.16	-0.47
34N-13W-10AD	1	11.03	7-11-35	17.39	11-14-56	NO READING					
34N-13W-21RD	1	21.41	8-27-64	46.54	9-29-61	30.07	10-15-68	-0.07	-7.83	-0.07	-7.83
BRUNN COUNTY											
29N-21W-17CC	1	+ 0.56	4-4-52	3.92	10-24-68	3.92	10-24-68	-2.92	-0.23	-2.92	-0.23
29N-22W-15DCD	1	1.88	1-17-52	6.99	10-24-68	6.99	10-24-68	-2.49	-0.02	-2.49	-0.02

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE		
BROWN COUNTY (CONTINUED)									
29N-23W- 1BB	1 1950	2.33	10- 5-51	7.31	9-13-55	6.24	10-24-68	-1.84	0.36
30N-21W-19CC	1 1947	30.26	6-30-50	40.96	9- 7-65	39.21	12-31-68	-3.21	0.39
30N-22W-11BB	1 1953	61.36	6-15-54	65.85	2-23-67	62.75	12- 2-68	-1.75	0.98
30N-22W-27DC	1 1934	12.40	7- 5-51	19.11	9-13-55	17.60	10-24-68	-2.20	0.07
30N-24W-15AA	1 1950	77.96	11-17-52	80.00	10-23-68	80.00	10-23-68	-1.00	NO RECORD
BUFFALO COUNTY									
8N-15W- 8BA	1 1947	12.12	3-29-47	17.36	10-19-56	15.17	10-28-68	-2.17	-1.39
8N-16W- 3CB	1 1946	10.00	5- 7-58	13.85	10-28-68	13.85	10-28-68	-2.35	-1.06
8N-18W- 3AB	1 1947	8.85	5- 7-51	14.72	10-16-68	14.72	10-16-68	-5.22	-1.36
9N-13W-26AA	1 1946	3.84	4-12-49	DRY	10-29-68	DRY	10-29-68		
9N-14W- 1DC	1 1946	15.36	6-11-52	27.22	8-25-57	22.44	10-15-68	-5.44	0.10
9N-14W-19DD	1 1930	22.55	6- 9-31	34.70	8-19-57	29.60	12-14-68	-5.10	-0.20
9N-15W-11CB	1 1932	23.67	7-11-47	38.50	9-30-64	33.04	10-29-68	-6.04	0.06
9N-16W-13DB	1 1965	35.39	4-12-66	43.29	8-27-68	39.29	12-11-68	-6.29	-0.94
9N-17W-31CD	1 1946	8.02	10- 7-46	15.27	4-27-65	14.20	10-16-68	-3.70	-1.18
9N-18W-30AB	1 1947	2.90	4-13-49	12.91	10-16-68	12.91	10-16-68	-8.31	-2.15
10N-13W-21CC	1 1947	24.67	3- 3-52	37.39	10-12-66	35.75	10-29-68	-8.95	1.18
10N-17W-21CD	1 1934	27.23	3-27-50	32.37	9-21-55	30.96	10-28-68	-1.26	-3.33
11N-14W-22AD	1 19-	54.99	10-31-67	55.28	10-29-68	55.28	10-29-68	-5.28	-0.29
11N-16W- 3CA	1 1950	35.51	10-13-50	37.78	10-28-68	37.78	10-28-68	-0.78	-1.51
12N-13W-20CB	1 1950	25.21	12-13-51	26.87	11-14-66	25.92	10-29-68	-0.62	0.29
12N-15W- 3BB	1 1950	29.05	5- 9-52	32.79	11-14-66	30.84	10-28-68	-0.94	1.02
BURT COUNTY									
20N-11E- 6CC	1 19-	6.25	10-23-68	7.20	10-25-67	6.25	10-23-68		0.95
22N- 8E-35DC	1 1963	4.41	6-22-64	9.99	7-11-67	7.12	10-23-68	-0.12	NO RECORD
23N- 8E-13CDD	1 1964	9.45	6-29-67	17.97	5-14-68	16.39	10-23-68	-1.39	NO RECORD

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
BUTLER COUNTY										
13N- 2E-308C	1	1953	58.89	6-18-53	62.62	10- 5-64	61.55	10-18-68	-1.55	0.47
15N- 1E-27DD	1	1958	86.86	7-17-59	108.63	7-23-61	90.80	10-15-68	-1.80	-0.47
16N- 2E-14CC	1	1946	2.20	10-18-65	10.51	11-29-56	7.34	10-18-68	-1.84	-1.91
16N- 3E- 1DC	1	1946	6.69	10-18-65	16.64	8-22-68	11.79	10-18-68	0.21	0.61
17N- 4E-28CD	1	1946	18.37	10-18-65	25.01	8-22-68	23.33	10-18-68	-2.13	-1.65
CASS COUNTY										
12N- 9E-32CA	1	1934	30.68	10-27-67	43.05	10-15-40	NO READING			
CEDAR COUNTY										
31N- 2E-31CC	1	19-	9.18	10-24-67	9.32	10-23-68	9.32	10-23-68	-0.12	-0.14
CHASE COUNTY										
5N-36W- 7BA	1	1946	8.30	10-20-68	18.20	5-12-65	17.58	10-22-68	-1.58	-0.28
5N-38W- 4AA	1	1949	10.04	5-29-64	13.55	6-26-58	12.37	10-22-68	-1.17	-0.33
7N-38W-29CBB	1	1964	55.87	7- 4-64	62.09	9-15-68	60.45	12-31-68	-4.45	-1.76
7N-40W-28BBB	1	1952	45.49	6- 5-52	50.94	10-22-68	50.94	10-22-68		-2.97
CHERRY COUNTY										
25N-28W- 1CC	1	1961	6.98	10-31-63	8.56	10-23-67	8.42	10-21-68	-1.42	0.14
27N-28W-26AD	1	1961	4.82	10- 4-66	6.49	8-27-61	6.14	10-21-68	-0.14	-0.15
28N-28W- 1CC	1	1950	1.05	2- 5-54	6.89	10-11-61	6.42	10-21-68	-2.42	-0.29
29N-28W- 1AA	1	1961	0.32	10-31-63	1.89	10-21-68	1.89	10-21-68	-0.89	-0.31
29N-28W-13AA	1	1949	0.61	6-16-54	5.71	10-11-61	5.09	10-21-68	-1.09	0.21
31N-30W-29CA	1	1950	66.37	5-24-65	96.43	10-10-50	73.83	12-18-68	20.87	-3.22
32N-27W-18CB	1	1949	5.25	10-18-62	8.72	10-21-68	8.72	10-21-68	-2.22	-0.44
32N-27W-30CC	1	1950	1.68	9-12-51	5.83	8-27-61	5.48	10-21-68	-2.08	-0.02
33N-27W-17CB	1	1936	1.52	12-29-51	3.38	8- 9-37	NO READING			
34N-27W-31DA	1	1934	97.89	11-22-57	100.70	12-12-64	100.03	10-23-68	-1.83	0.29

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
CHERRY COUNTY (CONTINUED)										
34N-36W-1DC	1	1934	4.46	6-6-35	9.54	10-1-41	6.38	10-21-68	1.12	1.73
34N-38W-14PC	1	1936	5.20	4-2-52	8.14	8-9-37	6.97	10-21-68	0.03	0.30
CHEYENNE COUNTY										
13N-50W-3CB	1	1951	46.29	5-23-52	60.20	9-24-64	50.02	10-18-68	-2.52	0.08
13N-51W-10AA	1	1951	36.27	11-15-67	43.54	9-24-64	36.79	10-18-68	0.71	-0.52
14N-47W-28CB	1	1951	11.73	5-29-52	14.72	9-24-64	12.67	10-18-68	0.43	0.85
14N-48W-27CC	1	1950	33.47	3-29-51	42.40	10-10-56	36.58	10-18-68	-2.58	2.46
14N-49W-34BB	1	1950	24.27	3-29-51	25.88	9-24-64	24.45	10-18-68	0.05	0.54
14N-50W-27CC	1	1950	13.87	5-23-52	18.41	9-24-64	16.92	10-18-68	-1.72	-0.01
14N-52W-5CB	1	1934	26.64	6-15-35	32.07	10-11-56	31.14	10-17-68	-2.64	-1.72
14N-52W-11AC	1	1950	25.13	10-17-68	48.36	10-11-56	25.13	10-17-68	4.27	0.32
CLAY COUNTY										
5N-5W-11BA	1	1954	77.83	6-24-54	86.50	10-25-68	86.50	10-25-68	-6.50	-0.83
6N-8W-17BB	1	1952	95.53	6-24-54	101.80	10-30-68	101.80	10-30-68	-5.80	-1.24
7N-6W-3CCC	1	1954	78.80	11-7-54	99.80	11-7-67	88.79	10-24-68	-9.79	11.01
8N-6W-12BB	1	1953	76.80	4-28-53	91.34	11-9-60	89.34	10-25-68	-11.34	-0.11
8N-7W-26BA	1	1954	74.95	10-21-54	86.08	10-24-68	86.08	10-24-68	-11.08	-0.78
8N-8W-17AB	1	1953	103.57	4-22-53	113.64	11-2-67	113.09	10-30-68	-8.09	-0.39
COLFAX COUNTY										
17N-2E-22DD	1	1946	3.20	11-19-65	8.25	11-28-56	5.73	10-21-68	-0.43	0.36
17N-3E-4CC	1	1946	4.15	4-1-52	8.40	9-5-46	5.13	10-21-68	0.67	1.11
17N-3E-11DD	1	1945	6.60	7-7-47	12.67	10-21-68	12.67	10-21-68	-3.27	-1.38
17N-4E-4BB	1	1945	9.38	10-12-65	18.90	11-28-56	17.47	10-21-68	-3.47	-1.63

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE		
CUMING COUNTY									
21N- 5E-23DCC	1 1964	3.90	6-30-67	8.34	1-13-65	6.26	10-22-68	-2.26	NO RECORD
21N- 7E-32DFC	1 1964	5.34	6-30-67	8.07	8-24-64	7.17	10-22-68	-1.17	NO RECORD
22N- 6E- 4AA	1 1950	7.51	9- 1-51	11.24	11-13-56	9.89	10-22-68	-1.19	0.21
22N- 6E-16CA	1 1951	1.99	11- 7-51	9.57	10-27-58	7.93	10-22-68	-2.93	1.60
22N- 6E-34HD	1 1950	3.78	1-30-52	7.97	10-27-58	6.63	10-22-68	-1.63	0.58
23N- 4E-14AA	1 1963	3.32	2-10-66	7.63	7-11-67	5.47	10-22-68	-0.47	NO RECORD
23N- 5E-36HD	1 1950	8.28	8-29-51	13.50	11-13-56	10.30	10-22-68	-1.40	0.56
23N- 6E-18CBC	1 1964	14.70	6-29-67	19.18	5-14-68	17.97	10-22-68	-1.47	NO RECORD
24N- 4E-30AD	1 1950	7.57	8-29-51	13.33	3-13-57	11.77	10-22-68	-2.37	-0.83
CUSTER COUNTY									
13N-21W-36CA	1 1950	50.34	11-15-66	55.43	10-14-58	51.94	10-23-68	-0.44	NO RECORD
17N-24W-30CA	1 1952	20.00	7-31-52	30.28	10-16-68	30.28	10-16-68	-5.28	-0.58
18N-17W- 4AC	1 1950	9.82	11- 4-65	13.47	10-24-68	13.47	10-24-68	-0.97	-0.87
19N-17W- 9CA	1 1949	56.10	4-11-67	73.99	8-13-54	57.00	10- 2-68	8.00	NO RECORD
19N-18W- 9AA	1 1934	10.40	1-15-63	14.98	7-16-40	13.30	12-12-68	-0.30	-0.10
19N-19W- 2RB	1 1949	10.57	10-27-64	19.41	9- 1-54	NO READING			
20N-17W- 3BD	1 1950	79.44	9-22-66	80.66	9-24-51	79.52	10-14-68	0.98	0.35
20N-20W-29RB	1 1950	30.10	10- 7-60	34.22	4- 5-54	31.10	10-23-68	2.40	-0.18
20N-21W-10BC	1 1949	17.78	7-16-53	22.81	8-26-55	21.27	10-30-68	-0.27	-0.16
DAKOTA COUNTY									
28N- 8E-25CC	1 19-	20.26	10-25-67	22.35	10-23-68	22.35	10-23-68	-1.85	-2.09
DAWES COUNTY									
29N-47W- 2DCA	1 1950	79.32	11-12-52	83.38	10- 8-59	81.68	10-29-68	-1.18	NO RECORD
31N-52W- 3DC	1 1934	15.87	5-30-48	22.28	10-31-56	18.55	12-20-68	0.95	-0.07



Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM		CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	FROM ASSUMED NORMAL	PREVIOUS FALL	
DAWSON COUNTY										
9N-19W-22BA	1	1946	17.79	3-29-47	26.13	10-27-59	25.28	10-16-68	-6.48	-1.87
9N-20W-25BB	1	1947	3.71	4-16-49	9.37	9-28-64	8.21	10-16-68	-3.21	-0.96
9N-20W-33DD	1	1946	2.09	7- 7-49	DRY	10-16-68	DRY	10-16-68		
9N-21W-19AA	1	1930	1.45	10- 8-46	6.70	10-15-68	6.62	12-11-68	-2.62	-0.18
9N-21W-24AA	1	1931	1.69	10- 6-65	7.15	12-28-55	5.24	10-16-68	-1.54	-0.79
9N-21W-31DD	1	1939	4.16	10- 8-46	19.82	11- 5-40	6.62	12-11-68	2.98	-0.45
9N-23W- 2DC	1	1945	13.73	10- 6-65	17.55	7-12-46	15.72	10-31-68	0.08	-1.45
9N-23W-21RB	1	1949	150.60	10-31-68	170.74	5-11-49	150.60	10-31-68	12.40	0.17
9N-24W- 1DC	1	1946	8.65	11- 2-63	17.90	9- 7-46	11.40	10-31-68	2.00	0.17
10N-20W-21CB	1	1946	22.33	7-12-47	31.60	10-28-59	27.68	10-15-68	-3.18	-1.57
10N-21W-18DDD	1	1964	9.74	10-29-65	15.88	8- 8-64	13.96	11-15-68	-2.23	-1.28
10N-22W-29AA	1	1931	1.52	7-12-47	9.00	9- 7-49	7.73	10-15-68	-2.23	-1.63
10N-23W- 5RB	1	1945	4.29	12- 4-46	10.99	12-28-55	10.46	10-15-68	-3.86	-1.06
10N-23W-29RB	1	1946	2.02	10- 9-46	9.08	11-29-67	NO READING			
10N-24W- 7BB	1	1946	10.35	10- 9-46	13.52	7-12-46	13.23	10-31-68	-0.93	-0.16
11N-19W- 4DD	1	1948	48.56	10-28-68	62.47	8-26-53	48.56	10-28-68	6.74	7.08
11N-21W-31DD	1	1930	22.77	9- 8-47	33.28	7-24-40	25.57	4-18-68	-0.07	-0.88
11N-23W-23CC	1	1946	0.42	10- 8-46	7.43	10- 3-58	3.98	10-15-68	-0.58	-0.26
11N-24W-20CA	1	1932	9.52	7-12-47	15.91	12-28-55	13.67	10-15-68	-1.97	-0.17
12N-22W-33AC	1	1950	67.44	11-29-67	71.40	10-14-58	69.00	10-15-68	0.90	-1.56
12N-25W-34CC	1	1932	26.80	8- 8-51	33.04	10-15-68	33.04	10-15-68	-5.04	-1.29
DEUEL COUNTY										
12N-43W-24BB	1	1947	21.12	4-17-51	25.03	9-24-64	24.50	10-18-68	-1.80	-0.29
13N-42W-36CB	1	1947	2.29	3-15-48	7.22	10-18-68	7.22	10-18-68	-2.02	-1.60
13N-45W-23DC	1	1950	11.84	11-19-51	17.03	9-24-64	15.23	10-18-68	-3.23	0.21
14N-46W-33DC	2	1950	13.19	9-30-58	16.66	10-10-56	13.93	10-18-68	-0.23	0.93

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM		CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	ASSUMED NORMAL	NO RECORD	
DODGE COUNTY										
17N-5E-2BB	1	1946	2.12	5-3-51	5.98	11-28-56	4.65	10-21-68	-0.95	-0.25
17N-6E-6AA	1	1936	0.31	5-3-51	5.04	11-28-56	2.98	10-21-68	-0.68	1.39
17N-8E-4DD	1	1940	3.70	7-7-47	14.85	11-27-56	13.72	10-21-68	-6.02	-1.92
18N-5E-23BB	1	1946	4.88	6-24-64	8.73	10-11-46	7.18	10-21-68	-0.18	0.42
18N-6E-3ADA	1	1964	9.82	7-11-67	14.67	12-9-64	14.19	5-14-68	-1.19	NO RECORD
18N-6E-25CC	1	1947	3.98	5-3-51	16.82	7-26-55	11.51	10-21-68	-2.51	-0.17
18N-8E-28DA	1	1940	60.86	10-8-41	70.02	10-21-68	70.02	10-21-68	-5.02	-0.95
19N-6E-22AAA	1	1964	5.29	10-18-65	20.15	2-26-65	17.75	10-21-68	-0.75	NO RECORD
19N-8E-34BA	1	1950	64.59	11-6-51	74.31	3-13-57	72.62	10-21-68	-2.62	-0.30
20N-6E-14BB	1	1963	4.88	6-30-67	8.50	12-19-63	6.15	10-22-68	0.85	NO RECORD
20N-8E-4CCR	1	1963	17.28	10-23-68	20.15	3-30-64	17.28	10-23-68	1.72	NO RECORD
20N-8E-32CCC	1	1964	41.45	8-24-64	52.41	10-23-68	52.41	10-23-68	-5.41	NO RECORD
16N-10E-5CCC	1	1964	2.77	9-18-65	7.25	8-12-66	6.30	10-21-68	-1.30	NO RECORD
DOUGLAS COUNTY										
DUNDY COUNTY										
1N-37W-31CD	1	1946	3.21	4-5-49	7.68	9-23-64	7.09	10-21-68	-1.79	-0.69
1N-38W-29AD	1	1946	7.03	4-21-50	10.10	10-5-54	9.40	10-22-68	-1.00	-0.30
1N-40W-29BB	1	1946	10.12	8-23-50	15.79	8-31-68	14.89	12-31-68	-0.89	-0.34
1N-41W-27CA	1	1946	2.86	2-8-49	6.25	7-25-55	5.00	10-22-68	-0.50	0.0
1N-42W-13BB	1	1946	3.10	12-28-66	6.10	9-23-64	4.30	10-22-68	0.10	0.90
2N-36W-31BC	1	1946	18.83	6-3-52	22.98	9-11-56	21.60	10-22-68	-0.30	-1.10
FILLMORE COUNTY										
5N-2W-28DC	1	1954	62.34	12-13-54	70.59	10-24-68	70.59	10-24-68	-8.59	-0.65
5N-4W-12BC	1	1956	73.13	6-15-57	82.46	9-15-68	81.94	12-31-68	-8.44	-0.68
5N-4W-33BB	1	1954	81.36	12-14-54	92.01	10-25-68	92.01	10-25-68	-11.01	-1.25
6N-3W-25AD	1	1954	78.80	3-15-55	93.26	10-25-68	93.26	10-25-68	-15.26	-1.40

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LCW		1968		DEPARTURE FROM		CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	ASSUMED NORMAL	PREVIOUS FALL	
(CONTINUED)										
FILLMORE COUNTY										
7N-4W-17PD	1	1953	74.96	3-15-55	95.94	10-25-68	95.94	10-25-68	-20.94	-2.88
8N-1W-1CAD	1	1954	83.03	3-15-55	93.80	10-25-68	93.80	10-25-68	-11.80	-3.43
8N-2W-26AD	1	1956	12.67	6-12-65	24.16	7-10-58	20.56	10-15-68	-0.56	-1.39
8N-4W-5AB	1	1953	85.82	4-13-53	92.58	11-2-67	92.29	10-24-68	-7.29	-0.05
FRANKLIN COUNTY										
1N-13W-2RC	1	1946	5.94	6-22-49	9.70	10-3-66	8.70	10-22-68	-0.30	-0.20
1N-16W-14AB	1	1946	34.70	1-14-65	42.10	10-7-48	NO READING			
2N-14W-3DD	1	1949	2.00	5-19-49	10.02	9-22-53	5.60	12-10-68	1.40	-0.40
3N-14W-14AB	1	19-	164.19	11-7-67	164.57	10-30-68	164.57	10-30-68	0.43	-0.38
FRONTIER COUNTY										
7N-27W-34CD	1	1934	50.76	8-23-35	60.03	10-23-68	60.03	10-23-68	-5.03	-0.40
8N-28W-21AA	1	1960	144.15	11-4-66	149.29	9-22-61	145.69	10-23-68	-1.19	0.16
8N-30W-13AA	1	1960	165.15	10-30-62	167.90	3-10-60	165.70	10-23-68	0.30	-0.30
FURNAS COUNTY										
3N-21W-12DC	1	1946	2.50	6-28-60	8.58	11-3-55	6.80	10-15-68	-1.30	-0.80
3N-22W-2DA	1	1946	4.20	12-8-66	10.42	12-28-56	4.90	10-15-68	3.50	0.70
3N-25W-48B	1	1946	3.37	10-26-65	7.37	10-3-46	5.18	10-23-68	0.42	-0.88
4N-23W-23BD	1	1936	26.10	10-10-66	30.89	9-13-43	27.60	8-5-68	2.20	-0.60
4N-23W-30CC	1	1946	51.84	6-5-47	59.25	9-16-59	NO READING			
4N-24W-15CC	1	1946	3.93	9-20-61	14.90	3-13-67	10.80	10-15-68	1.70	3.72
GAGE COUNTY										
2N-6E-22BA	1	1962	87.32	11-1-62	88.69	10-30-67	88.50	10-15-68	-1.50	0.19
4N-5E-16BA	1	19-	63.39	10-17-67	65.11	10-15-68	65.11	10-15-68	-2.11	-1.72
5N-7E-28B	1	1962	78.37	10-30-62	85.21	10-15-68	85.21	10-15-68	-5.21	-0.85

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM		CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	ASSUMED NORMAL	PREVIOUS FALL	
GARDEN COUNTY										
16N-42W-34AB	1	1950	12.17	9-21-65	13.47	4-18-51	12.61	10-30-68	-0.31	-0.35
17N-44W-22CC	1	1935	20.83	10-25-35	31.53	8-30-66	28.97	10-30-68	-2.47	-0.64
18N-46W-27CC	1	1934	1.94	9-7-51	5.95	7-26-40	4.03	10-29-68	-0.03	-0.15
21N-44W-35CA	1	1933	0.43	2-12-34	5.74	3-17-38	3.12	12-26-68	-0.12	0.28
21N-45W-38D	2	1934	1.70	3-22-52	7.82	11-30-38	4.38	12-2-68	-0.58	-0.18
GARFIELD COUNTY										
21N-15W-19AA	1	1951	13.69	9-22-66	16.04	1-5-51	14.51	10-24-68	-0.01	0.19
21N-16W-21DC	1	1950	4.93	10-6-61	6.22	10-27-64	5.88	10-14-68	0.12	0.27
24N-15W-20AA	1	1935	1.23	11-17-65	5.70	7-17-40	2.94	10-25-68	1.76	0.40
GOSPER COUNTY										
6N-21W-29CC	1	1948	97.04	10-12-67	123.72	10-16-48	98.62	10-23-68	25.10	-1.58
6N-23W-18BB	1	1952	121.32	10-23-68	121.70	11-2-67	121.32	10-23-68	-0.32	0.38
7N-21W-68C	1	1934	63.24	10-23-68	117.80	9-26-35	63.24	10-23-68	54.56	0.99
7N-21W-15BB	1	1949	159.65	10-23-68	201.01	6-17-49	159.65	10-23-68	39.84	1.60
7N-22W-8BB	1	1947	195.66	10-23-68	251.65	11-25-47	195.66	10-23-68	55.99	1.68
GRANT COUNTY										
23N-38W-4CB	1	1958	0.02	10-30-63	1.85	10-2-58	0.28	10-25-68	0.42	-0.04
24N-36W-30RB	1	1935	3.59	6-8-35	6.62	7-22-40	4.74	10-25-68	0.56	0.01
24N-40W-36BB	1	1934	12.12	10-25-68	14.26	10-19-48	12.12	10-25-68	1.48	0.19
GREELEY COUNTY										
17N-12W-24BB	1	1958	44.46	6-10-59	49.85	10-22-68	49.85	10-22-68	-3.85	-1.15
20N-9W-20DB	1	1936	6.72	7-16-65	11.54	9-2-59	9.69	10-23-68	-0.59	0.12
HALL COUNTY										
9N-9W-14AA	1	1967	63.90	7-13-67	66.50	10-22-67	65.38	10-15-68	-2.38	0.81
9N-11W-21BB	1	1946	4.30	5-6-58	10.82	10-18-56	8.16	10-30-68	-0.36	0.49

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	HIGH			LOW			1968		DEPARTURE FROM		CHANGE FROM	
	EARLIEST RECORD	WATER LEVEL	DATE	WATER LEVEL	DATE	DATE	WATER LEVEL	DATE	ASSUMED NORMAL	PREVIOUS FALL	PREVIOUS FALL	FALL
(CONTINUED)												
HALL COUNTY												
9N-12W-9RA	1	18.50	7- 5-49	28.70	10-12-66	10-30-68	21.40	10-30-68	-0.10			5.07
10N-10W-8CC	1	19.42	6- 6-32	26.89	10-18-56	10-30-68	21.96	10-30-68	0.04			0.09
10N-10W-13DD	2	4.18	7- 7-67	7.01	9- 8-65	12-12-68	5.89	12-12-68	0.11			0.21
10N-11W-8CC	1	20.85	2-28-50	31.63	10-30-68	10-30-68	31.63	10-30-68	-9.73			-2.48
10N-12W-8CC	1	29.17	6-27-55	37.42	10-25-67	10-29-68	36.77	10-29-68	-1.77			0.65
10N-12W-27CC	1	17.53	5- 4-51	28.34	10-12-66	10-30-68	22.24	10-30-68	-3.64			0.34
11N- 9W-12DC	1	4.52	4-19-49	10.15	9-26-57	12-13-68	6.08	12-13-68	0.72			0.50
11N- 9W-34CB	1	2.50	7-10-44	DRY	5-29-57	10-30-68	4.55	10-30-68	1.05			0.55
11N-10W-24CB	1	12.66	7-14-47	25.50D	9-26-57	10-31-68	16.97	10-31-68	-1.17			-0.73
11N-11W-25CC	1	12.18	6-25-49	23.99	8-15-57	11-15-68	20.06	11-15-68	-0.06			-0.18
11N-12W-24CC	1	23.21	5- 4-51	35.13	10-12-66	10-29-68	32.64	10-29-68	-8.74			1.13
12N- 9W-25CD	1	13.90	11- 1-61	25.76	10-13-59	10-31-68	15.22	10-31-68	0.48			2.91
12N- 9W-32AA	1	7.58	7-14-47	16.20D	9-26-57	10-31-68	12.59	10-31-68	-2.99			0.26
12N-10W-33CB	1	9.53	5- 2-51	18.20	10-17-56		NO READING					
12N-11W-19DD	1	39.87	5- 2-51	50.39	10-12-66	10-29-68	48.82	10-29-68	-6.82			0.64
HAMILTON COUNTY												
9N- 8W- 9DC	1	54.38	10-30-35	62.44	10- 8-64	10-25-68	60.93	10-25-68	-5.93			-0.15
10N- 6W-26BC	1	84.90	6-20-56	98.31	9- 2-67	10-15-68	94.72	10-15-68	-11.72			-0.21
10N- 7W- 5BB	1	85.83	7- 1-49	96.35	9-30-66	10-25-68	94.27	10-25-68	-7.77			1.96
11N- 6W-13CB	1	90.04	9-29-34	106.99	10-25-68	10-25-68	106.99	10-25-68	-14.09			-0.96
11N- 8W-28BC	1	27.82	4-28-53	36.16	10- 8-64	10-25-68	34.35	10-25-68	-4.35			1.00
13N- 6W-27CC	1	7.57	5-28-52	11.41	11-14-40	10-25-68	10.58	10-25-68	-1.18			0.53
HARLAN COUNTY												
1N-17W- 1DA	1	1.95	10-25-46	10.00	10- 3-66	10-25-68	7.00	10-25-68	0.50			-0.33
2N-18W- 9RCC	1	84.39	5-11-66	95.94	9- 1-67	11- 1-68	86.26	11- 1-68	-1.26			-1.04
2N-19W-28DD	1	5.90	2-15-66	12.20	8-12-64	8- 6-68	10.50	8- 6-68	-0.50		NO RECORD	
3N-20W-25CC	1	4.60	6-13-61	17.71	10-30-53	10-15-68	9.30	10-15-68	0.70			-0.89
4N-18W- 4AB	1	198.11	3-24-67	199.90	10- 4-67	10-30-68	199.76	10-30-68				-1.19

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE		
HAYES COUNTY									
5N-33W-31DCR 1	1936	6.64	4- 9-37	15.40	9-14-59	12.53	10-23-68	0.97	0.57
5N-34W-30BAA 1	1946	8.79	8-17-67	12.81	4-19-54	11.50	10-23-68	-0.30	-0.18
5N-35W-16DDD 1	1946	4.74	6-15-67	9.74	12- 7-50	7.80	10-23-68	1.10	-0.10
HITCHCOCK COUNTY									
2N-35W-21RC 1	1934	19.08	6- 3-52	24.08	9-11-56	21.74	10-21-68	-0.94	-1.25
2N-35W-24AA 1	1946	3.67	6- 9-49	8.77	10- 8-47	5.90	10-22-68	0.60	-0.50
3N-31W-14BC 1	1946	11.10	8- 6-64	15.88	8-15-46	14.00	10-24-68	-0.10	-0.38
3N-32W-11BB 1	1946	12.30	4- 9-63	15.50	9-16-63	14.70	10-24-68	-1.20	-0.36
3N-32W-26CD 1	1950	2.38	6-25-62	8.05	3-18-55	4.10	12- 6-68	1.40	-0.60
4N-33W-23AD 1	1946	11.09	9-16-57	14.33	11-10-55	13.90	10-21-68	-0.60	-0.55
HOLT COUNTY									
27N- 9W-34DA 1	1934	2.67	4- 5-60	9.90	9- 1-48	8.07	12-17-68	0.43	0.21
28N- 9W-23AB 1	1961	0.43	6-27-62	4.39	10-14-68	4.39	10-14-68	-0.89	-0.68
29N- 9W-28DD 1	1961	18.35	5-25-64	22.39	5-18-67	22.30	10-14-68		-0.05
29N-10W-10CC 1	1956	15.54	10- 9-62	24.62	5- 5-58	NO READING			
29N-11W-21BBB 1	1947	16.87	1-14-48	28.55	10-14-68	28.55	10-14-68	-6.55	-1.55
29N-12W- 3BB 1	1956	10.95	10- 9-62	20.67	10-14-68	20.67	10-14-68		-2.99
29N-13W-13DD 1	1947	31.97	4- 6-53	43.07	3-22-48	NO READING			
30N-10W-10CC 1	1956	52.40	4-27-64	62.67	10-14-68	62.67	10-14-68		-2.52
30N-10W-32DAA 1	1966	35.41	10-21-66	40.88	12-30-68	40.88	12-30-68	-5.88	-3.22
30N-11W-29AA 1	1956	31.30	6-22-64	37.48	10-14-68	37.48	10-14-68		-1.22
30N-12W- 9DD 1	1956	49.98	12-19-63	54.26	1-28-60	54.04	10-14-68	-2.54	-1.14
30N-13W-27BB 1	1956	15.09	10- 9-62	32.42	10-15-68	32.42	10-15-68	-12.92	-9.06
30N-13W-31CC 1	1956	28.71	11- 6-56	34.88	10-15-68	34.88	10-15-68		-1.01
30N-14W-23DD 1	1947	25.83	7-23-53	DRY	10-15-68	DRY	10-15-68		
30N-15W-12CB 1	1963	22.52	8- 6-63	26.98	10-15-68	26.98	10-15-68	-3.23	-0.56
31N-11W-29AA 1	1956	28.64	10- 9-62	30.42	7- 6-59	30.37	10-14-68	-0.87	-0.66

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WFL LOCATION NUMBER	EARLIEST RECORD	HIGH		LCW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
HOLT COUNTY (CONTINUED)										
31N-12W-27RB	1	1956	105.55	10- 8-56	109.96	5-27-68	109.54	10-14-68	-3.04	-0.05
31N-14W- 8AA	1	1956	13.45	6-28-62	19.08	10-15-68	19.08	10-15-68	-3.58	-1.21
31N-14W-27DDD	1	1966	30.91	7- 7-66	36.85	9-15-68	35.61	12-31-68	-3.61	-1.56
31N-15W-32DA	1	1963	14.51	8- 6-63	19.04	10-15-68	19.04	10-15-68	-1.79	-3.06
31N-16W-2CAA	1	1963	11.14	7-29-64	17.49	7-14-63	15.11	10-15-68	-0.86	-1.35
HOCKER COUNTY										
24N-35W-23DC	1	1958	7.23	9- 4-58	12.17	10-15-68	12.17	10-15-68	-2.17	-1.09
HOWARD COUNTY										
13N- 9W-26DD	1	1946	3.41	5- 1-51	12.53	11- 5-56	9.72	12-12-68	-2.12	-0.01
14N-11W- 8AB	1	19-	67.77	10-14-68	69.95	11-30-67	67.77	10-14-68	0.23	2.18
15N-11W-28RB	1	1961	136.23	10-30-68	150.19	10- 8-64	136.23	10-30-68	12.77	3.13
16N-11W- 7CC	2	1958	17.66	5-17-60	22.95	10-15-63	21.74	10-14-68	-1.24	-1.54
16N-11W-29CC	1	1958	22.20	7- 1-60	29.25	10-14-68	29.25	10-14-68	-3.75	-2.32
JEFFERSON COUNTY										
2N- 1E-33DAC	1	1966	28.05	10-17-66	30.20	10-30-67	30.10	10-14-68	-1.10	0.10
2N- 2E-15CAD	1	1966	11.48	10-14-68	12.59	10-30-67	11.48	10-14-68	0.52	1.11
2N- 3E-12CBC	1	1964	89.56	10-22-65	90.74	10-30-67	90.66	10-14-68	-0.66	0.08
4N- 1F-27ABA	1	1964	117.64	10-31-67	119.16	10-14-68	119.16	10-14-68	-1.16	-1.52
4N- 3E-23BEC	1	1964	109.77	11-10-64	114.60	10-14-68	114.60	10-14-68	-4.10	-3.70
4N- 4E- 3AD	1	1964	78.78	11- 5-64	81.92	10-14-68	81.92	10-14-68	-1.92	-0.80
JOHNSON COUNTY										
6N- 9E-17CC	1	19-	85.99	10-15-68	86.66	10-17-67	85.99	10-15-68	0.01	0.67

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
KFARNEY COUNTY										
5N-13W-21AA	1	1968	118.36	11- 8-67	118.77	10-31-68	118.77	10-31-68	-0.27	-0.41
5N-14W-16CB	1	1947	140.10	8-21-51	145.11	10-30-64	144.12	10-31-68	-2.72	0.16
5N-16W-30CA	1	1947	135.33	10-31-68	137.65	8- 3-48	135.33	10-31-68	0.77	0.04
6N-13W-16DB	1	1947	82.22	12-16-54	89.42	8-13-47	85.50	10-31-68	1.10	-0.23
6N-15W- 1CB	1	1948	49.05	10-31-68	71.36	6-29-48	49.05	10-31-68	19.05	0.99
6N-16W-14AD	1	1948	42.95	10-31-68	82.65	4-12-49	42.95	10-31-68	36.45	0.99
7N-14W-20RA	1	1948	64.90	10-31-68	75.75	6-10-49	64.90	10-31-68	9.10	0.03
8N-14W-23BA	1	1946	2.63	11-15-46	6.98	10-19-56	3.63	10-31-68	0.87	0.21
8N-15W-21DC	1	1946	3.20	11-15-46	7.47	12- 6-56	5.64	10-31-68	0.06	NO RECORD
8N-16W-28AA	1	1946	4.36	10-10-46	7.92	10-19-56	5.96	10-31-68	0.34	0.09
KEITH COUNTY										
13N-35W- 6DD	1	1938	5.90	5- 8-42	16.52	10-22-68	16.52	10-22-68	-5.52	-0.47
13N-36W- 6BC	1	1936	1.70	6-15-49	6.32	10- 6-43	3.68	10-22-68	0.33	NO RECORD
13N-37W- 3AB	1	1935	10.55	5- 8-42	15.80	11- 6-47	14.42	10-21-68	0.28	-0.07
13N-38W- 3BA	1	1936	9.27	5- 8-42	16.25	10-21-68	16.25	10-21-68	-2.25	-2.95
13N-38W- 6CA	1	1936	9.94	5- 8-42	16.90	11- 2-54	16.20	10-21-68	-2.40	-1.47
13N-39W-34DD	1	1935	166.07	10- 6-49	171.40	10-16-57	168.06	10-21-68	-1.06	-1.38
16N-38W- 7AA	1	1936	7.45	3- 2-37	11.50	4-30-57	9.40	12- 2-68	-0.90	-0.30
KEYA PAHA										
32N-19W-19DC	1	1935	1.52	3-29-40	3.61	10-31-40	2.35	10-24-68	0.15	NO RECORD
33N-21W- 9AD	1	1961	5.62	7-17-62	12.30	10-24-68	12.30	10-24-68		-0.19
KIMBALL COUNTY										
14N-58W- 1CC	1	1953	31.59	11- 8-55	33.55	8-30-53	32.29	10-17-68	0.71	-0.57
14N-59W-11DD	1	1950	21.98	9-30-58	23.71	9-24-64	22.78	10-17-68	-0.68	NO RECORD
15N-53W-31RB	1	1951	46.25	1-24-52	52.19	10-11-56	48.84	10-17-68	-1.84	-0.09
15N-55W-17CC	1	1935	92.18	1- 2-36	100.95	10-29-63	98.01	10-17-68	-3.01	0.20
15N-55W-26CC	1	1936	39.82	1- 2-36	47.83	9-21-65	46.50	10-17-68	-4.50	-1.06



Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
KIMBALL COUNTY (CONTINUED)										
15N-56W-32AC	1	1951	19.03	10-17-57	22.31	8- 8-51	21.66	10-17-68	-0.66	-0.33
15N-57W-33AB	1	1935	21.85	3-25-52	23.24	9-21-65	22.70	10-17-68	-0.70	0.31
KNOX COUNTY										
29N- 8W-22CC	1	1961	76.44	4-27-64	82.74	9-26-65	78.79	10-14-68	-0.79	-1.00
30N- 3W-11AA	1	1934	18.99	12- 7-60	23.25	10- 9-37	NO READING			
32N- 6W- 8DD	1	1935	7.09	7-17-62	16.18	10-30-40	7.50	10-17-68	6.90	0.08
33N- 7W-30CB	1	1935	8.46	6-27-62	13.57	9-26-65	13.52	10-16-68	0.18	-0.70
LANCASTER COUNTY										
8N- 6E-34DD	1	1954	3.41	4- 5-60	8.90	7-31-54	5.14	10-15-68	-0.14	-0.12
10N- 6E-36CDD	1	1951	58.92	9-30-68	71.19	9- 5-56	58.92	9-30-68	1.08	0.78
11N- 6E-20DC	1	1951	11.69	10- 8-63	17.53	1-10-57	16.19	10-16-68	-0.29	-2.23
11N- 8E-17DC	1	1950	8.59	4-30-52	20.25	11-30-56	18.23	10-16-68	-1.73	-2.29
LINCOLN COUNTY										
10N-32W-17CC	1	1934	134.20	10-23-68	148.57	1-22-41	134.20	10-23-68	11.80	0.20
12N-26W-35DB	1	1946	7.32	7-13-47	12.75	9- 9-58	12.11	10-22-68	-2.01	0.13
12N-27W-14AA	1	1934	2.98	7- 2-35	7.07	8-30-41	6.10	10-22-68	0.0	-0.07
12N-27W-28DD	1	1947	11.79	7- 7-49	15.23	9-23-64	12.92	10-22-68	-0.42	0.72
12N-28W- 9BC	1	1938	3.58	3- 3-49	10.48	11- 1-39	5.89	10-22-68	0.11	NO RECORD
13N-28W-16DD	1	1947	2.46	3-12-52	6.59	10- 4-60	5.85	10-22-68	-0.85	-0.58
13N-30W- 9CB	1	1946	0.90	6-13-47	5.00	9-18-53	4.40	10-24-68	-1.50	-0.05
13N-30W-21BB	1	1934	5.32	6-18-51	19.92	9-17-36	10.79	10-24-68	1.01	-0.42
14N-30W- 9CA	1	1946	2.24	3-11-52	6.05	9-12-46	3.96	10-24-68	0.64	-0.65
14N-30W-16DB	1	1946	+ 0.20	4-24-57	3.45	8-13-53	1.76	10-24-68	-0.56	-0.44
14N-30W-21CD	1	1946	2.54	3-11-52	5.33	9-18-53	3.05	10-24-68	0.65	0.20
14N-30W-28DC	1	1946	4.08	8- 7-51	7.72	9-18-53	5.96	10-24-68	0.14	-0.03
14N-33W-17DA	1	1936	0.45	8- 3-45	5.24	12- 9-64	3.80	10-21-68	-0.40	0.91
15N-31W-13DD	1	1934	4.92	9-23-64	9.55	10-27-41	6.49	10-22-68	1.51	-0.48
16N-31W- 4AB	1	1935	65.48	10- 2-51	71.11	5-21-52	67.31	10-22-68	1.89	-0.88

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE		CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	FROM ASSUMED NORMAL	FROM PREVIOUS FALL	
LCGAN COUNTY										
17N-27W- 5BA	1	1936	10.61	10-31-62	13.63	11- 4-40	11.73	10-16-68	0.77	NO RECORD
LCUP COUNTY										
21N-18W-22AA	1	1935	3.22	11-17-65	5.31	7-16-40	4.03	10-14-68	-0.03	-0.35
21N-19W- 4BC	1	1951	8.73	2- 9-55	12.54	10- 5-61	8.93	10-14-68	2.67	1.32
21N-19W-13DB	1	1950	16.34	4-15-52	20.14	7-14-52	17.28	10-14-68	-0.28	0.04
22N-20W-24DB	1	1951	17.75	11- 7-62	18.90	11- 2-67	18.83	10-14-68	-1.03	0.07
MC PHERSON COUNTY										
18N-31W-16DD	1	1934	10.60	8-11-37	109.92	1-10-51	108.22	10-22-68	0.58	0.10
MADISON COUNTY										
22N- 1W-34DC	1	1963	6.56	6-15-66	12.65	10-16-68	12.65	10-16-68	-2.65	NO RECORD
23N- 2W- 5AA	1	1934	2.93	6- 4-35	5.24	9-12-55	4.27	10-16-68	-0.57	-0.09
24N- 4W- 6DC	1	1951	22.85	10-13-65	25.40	12- 1-53	24.28	10-16-68	0.42	-0.29
24N- 4W-25CC	1	1951	2.98	8-30-51	8.00	9-12-55	7.01	10-16-68	-3.01	-0.90
MERRICK COUNTY										
12N- 8W- 7DC	1	1946	8.51	5-27-52	22.07	11- 5-56	16.49	10-31-68	-12.49	0.95
12N- 8W-36RC	1	1958	1.02	6-13-67	5.87	8-11-64	3.42	11-15-68		0.95
13N- 6W- 7BB	1	1945	4.09	7-10-47	10.42	11- 5-56	6.42	12-13-68	-0.52	1.29
14N- 5W- 9CC	2	1947	4.14	5-27-52	9.83	11- 6-56	8.34	10-15-68	-1.84	-1.13
14N- 7W-21CB	1	1934	4.16	4-13-49	10.69	11- 7-56	8.99	10-14-68	-1.49	-0.95
15N- 4W-31CC	1	1945	1.06	10-12-65	6.81	11- 6-56	4.22	12-13-68	0.38	0.15
15N- 5W- 8DD	1	1946	11.15	7- 8-47	18.00	11- 6-56	14.49	10-15-68	-1.79	-1.47
15N- 8W-33CB	1	1948	10.38	2- 6-50	17.25	11- 7-56	13.74	10-14-68	-2.04	-0.46
16N- 3W-27CC	1	1934	4.05	3- 7-49	9.84	11- 1-34	8.30	10-14-68	-1.20	-1.33

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
MORRILL COUNTY										
18N-52W-11DD	1	1949	22.43	4- 1-53	26.04	10-17-68	26.04	10-17-68	-2.54	-0.67
19N-48W-26DC	1	1951	8.76	10-17-57	11.24	4-18-51	11.00	10-29-68	-1.10	0.10
19N-49W-23CD	1	1936	9.33	8-20-50	11.95	5- 9-50	11.90	10-29-68	-0.70	-0.04
19N-50W-30CD	1	1949	23.06	1-27-50	24.22	10-10-60	23.68	10-17-68	0.02	-0.03
20N-49W-30AC	1	1946	15.22	11-21-49	21.62	10-17-62	16.50	10-29-68	0.70	1.72
20N-50W-17BB	1	1946	9.14	10- 7-59	15.93	5- 9-46	11.30	10-16-68	0.20	0.23
20N-50W-32AA	1	1930	1.20	5-31-61	6.17	6-30-55	4.27	10-16-68	-0.27	0.17
21N-50W-33BC	1	1946	17.76	8-31-48	47.85	6-11-46	22.25	10-16-68	6.75	4.24
22N-50W-14BC	1	1946	0.06	5- 9-49	3.07	9-29-64	2.66	10-16-68	-1.66	-0.21
NANCE COUNTY										
16N- 7W-33DD	1	1958	27.61	7-15-65	30.68	2-16-60	28.59	10-15-68	0.41	-0.18
17N- 4W-22DD	1	1950	5.97	9- 2-59	11.86	11- 7-67	NO READING			
17N- 4W-31AA	1	1950	5.65	10-12-65	10.60	10-23-62	5.75	10-22-68	2.35	1.33
18N- 4W-19AB	1	1948	6.05	7-25-50	12.87	10-16-63	11.41	10-22-68	0.09	0.59
NEMAHA COUNTY										
6N-13E-10AA	1	1962	4.68	10-30-62	11.68	10-16-68	11.68	10-16-68	-1.68	-3.19
NUCKOLLS COUNTY										
1N- 5W-31CB	1	1947	14.75	10-22-68	20.43	11- 2-48	15.20	10-28-68	3.20	0.37
1N- 6W-31CC	1	1947	8.10	6- 2-60	12.53	12-21-48	10.10	10-28-68	0.90	0.34
1N- 7W-32BB	1	1947	0.09	6-26-51	6.68	9-26-56	5.60	12-16-68	-2.60	-0.42
1N- 8W- 7DD	1	1946	0.03	5- 4-59	9.10	7-21-64	8.60	10-28-68	-4.30	-1.55
1N- 8W-23AB	1	1950	0.02	7-29-51	7.91	7- 9-50	5.70	10-22-68	-0.70	-0.70
2N- 5W-14DDA	1	1964	148.52	11- 9-64	150.55	10-22-68	150.55	10-22-68	-0.55	-0.31
4N- 5W-29CBB	1	1964	84.68	11- 9-64	89.40	10-24-68	89.40	10-24-68	-1.90	-1.76
4N- 7W-26AA	1	1935	48.11	10- 2-64	56.55	12-31-46	50.24	10-24-68	4.76	-0.70

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
OIOE COUNTY										
8N-9E-3BB	1	1934	1.20	6-25-47	10.99	10-14-36	9.49	10-16-68	-2.89	-1.41
8N-11E-7CC	1	1934	1.30	6-25-47	14.38	11-30-56	11.72	10-16-68	-2.12	-0.87
PAWNEE COUNTY										
3N-11E-8DD	1	19-	36.89	10-30-67	37.80	10-15-68	37.80	10-15-68	-0.80	-0.91
PERKINS COUNTY										
11N-39W-35DDD	1	1934	150.30	11- 3-66	162.10	4-29-35	151.68	10-21-68	5.82	-0.64
PHELPS COUNTY										
5N-18W-2CC	1	1947	142.14	11-17-67	159.81	9- 8-48	143.85	10-29-68	15.96	-1.71
5N-19W-22DA	1	1947	200.07	11-17-67	204.86	11- 3-64	200.90	10-29-68	3.96	-0.83
6N-17W-15AD	1	1947	39.93	10-29-68	90.08	8- 6-47	39.93	10-29-68	50.15	2.05
6N-19W-2AA	1	1945	54.25	6- 5-68	123.70	3- 9-45	54.43	10-29-68	69.27	0.22
6N-19W-21DC	1	1948	122.66	11-17-67	152.60	9-26-50	123.20	10-29-68	29.40	-0.54
NO READING										
7N-18W-3CC	1	1948	51.47	11- 2-66	80.85	5-15-48				
7N-18W-35AB	1	1948	21.05	10-29-68	72.74	5-12-48	21.05	10-29-68	51.69	1.74
8N-17W-24BC	1	1930	7.60	7- 8-49	12.23	10-27-40	9.38	10-29-68	2.85	0.0
8N-18W-16CC	1	1946	4.35	10-29-65	9.26	8- 9-46	6.23	10-29-68	3.03	0.13
8N-19W-18AA	1	1949	1.24	3-12-49	5.30	8- 3-66	2.56	10-29-68	1.27	0.64
NO READING										
8N-19W-33CC	1	1948	11.08	8- 3-67	51.70	5-10-48	14.82	10-29-68	36.88	-1.51
8N-20W-8CD	1	1946	3.97	9-11-50	8.90	8- 9-46	6.96	10-29-68	1.94	NO RECORD
PIERCE COUNTY										
25N-1W-28BC	1	1963	2.40	6-29-67	7.98	8-19-65	7.75	10-16-68	-1.25	NO RECORD
26N-2W-26DA	1	1963	0.84	6-29-67	6.63	10-21-63	4.45	10-16-68	-0.45	NO RECORD
27N-3W-33AD	1	1934	1.50	6- 4-35	5.13	10-30-40	3.46	10-16-68	-0.46	0.79

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
PLATTE COUNTY										
16N-2W-9CC	1	1946	0.39	4-15-49	5.13	11-28-56	3.74	10-16-68	-0.14	-0.34
17N-1W-2CC	1	1935	6.44	10-8-64	13.29	10-8-36	11.32	10-16-68	-0.92	-0.82
17N-1W-34DC	1	1945	6.29	7-7-47	12.28	11-28-56	9.73	10-16-68	-0.73	-0.29
17N-2W-68D	1	1948	12.53	6-6-49	14.95	11-7-67	14.45	10-16-68	-0.35	0.49
18N-1E-28CD	1	1935	60.30	4-24-40	72.81	10-9-58	70.02	10-16-68	-2.52	-5.89
PCLK COUNTY										
13N-1W-10DB	1	1949	91.43	3-15-50	102.53	10-23-68	102.53	10-23-68	-10.53	-0.49
13N-2W-6DD	1	1948	70.04	3-15-50	76.19	9-25-65	75.91	10-23-68	-5.71	-1.01
13N-2W-30DC	1	1953	78.53	3-10-53	90.54	9-2-65	89.78	10-23-68	-10.78	-0.02
13N-3W-30AA	1	1948	75.85	3-15-50	86.33	9-2-65	85.94	10-25-68	-9.74	-0.70
13N-4W-275B	1	1949	69.45	5-29-52	83.27	10-25-68	83.27	10-25-68	-13.27	-1.11
14N-2W-12CC	1	1948	108.65	4-27-49	117.02	10-22-62	115.53	10-23-68	-6.43	0.10
14N-2W-21DB	1	1959	78.19	6-30-63	103.97	8-15-60	85.29	10-15-68	-5.29	-2.52
14N-3W-26AD	1	1948	66.13	3-15-50	77.30	7-29-65	74.83	10-23-68	-8.43	-0.59
14N-4W-19AB	1	1946	2.32	3-7-49	7.39	10-8-64	5.68	10-23-68	-1.08	1.22
15N-2W-4DC	1	1946	3.08	9-25-65	9.49	11-28-56	6.48	10-23-68	0.82	1.14
15N-3W-20CC	1	1945	2.86	9-25-65	9.33	9-22-53	NO READING			
16N-1W-36CD	1	1946	18.05	10-23-68	25.75	11-28-56	18.05	10-23-68	2.45	2.55
RED WILLOW COUNTY										
2N-29W-4AD	1	1950	23.27	10-23-68	37.10	7-11-53	23.27	10-23-68	5.83	4.43
3N-27W-17CB	1	1946	6.10	6-22-62	11.56	7-16-54	9.09	10-23-68	0.91	-0.23
3N-28W-20BB	2	1950	5.53	9-10-51	14.07	10-23-68	14.07	10-23-68	-6.37	-0.39
3N-30W-29AA	1	1946	1.81	5-5-52	6.43	10-10-56	4.20	12-4-68	-0.10	-0.06
RICHARDSON COUNTY										
2N-13E-10DB	1	19-	12.64	10-30-67	13.50	10-15-68	13.50	10-15-68	-1.00	-0.86
2N-16E-7CB	1	19-	66.16	9-22-67	67.04	10-15-68	67.04	10-15-68	-0.54	-0.85

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
ROCK COUNTY										
30N-17W-8DB	1	1934	0.50	3-24-51	5.25	9-29-34	3.35	10-25-68	0.35	-0.27
30N-19W-1CAA	1	1940	+ 0.51	6-29-51	4.23	7-19-40	2.39	10-25-68	0.11	-0.47
31N-17W-5AA	1	1963	0.23	6-23-64	4.51	10-15-68	4.51	10-15-68	-0.51	-0.45
SALINE COUNTY										
5N-3E-20DCC	1	1963	11.99	8-14-63	14.27	10-11-66	13.44	10-14-68	-0.44	0.74
7N-1E-15BAC	1	1963	68.55	10-24-63	76.55	10-14-68	76.55	10-14-68	-8.05	NO RECORD
7N-2E-30RAA	1	1963	21.97	10-24-63	28.01	10-14-68	28.01	10-14-68	-3.01	-1.27
7N-3E-30AAD	1	1935	33.40	12-15-60	52.88	10-16-40	45.59	10-14-68	-3.59	-0.86
8N-1E-11CA	1	19-	95.12	10-17-67	95.37	10-14-68	95.37	10-14-68	-0.37	-0.25
8N-3E-19ADA	1	1959	96.56	4-16-63	101.78	8-15-68	100.79	10-15-68	-3.79	-0.57
SARPY COUNTY										
13N-11E-15DA	1	19-	111.78	10-19-67	112.84	10-16-68	112.84	10-16-68	-1.34	-1.06
SAUNDERS COUNTY										
13N-9E-11DD	1	1934	1.60	3-17-36	9.24	11-18-39	5.47	10-17-68	-0.57	0.20
13N-9E-24CC	1	1933	0.48	7-31-48	8.90	8-25-68	7.35	12-25-68	-1.55	-0.22
14N-5E-35CD	1	1935	2.41	10-21-65	14.49	10-15-40	5.11	10-17-68	-1.61	-0.47
14N-8E-24ACD	1	1964	40.23	3-2-66	41.54	9-30-68	41.54	9-30-68	-1.04	-0.48
15N-8E-14CC	1	19-	23.62	10-19-67	25.55	10-17-68	25.55	10-17-68	-1.55	-1.93
17N-5E-23BC	1	1950	3.67	5-2-51	7.23	8-22-68	4.19	10-17-68	1.31	1.67
SCOTTS BLUFF COUNTY										
22N-55W-11DDC	1	1962	24.47	10-21-66	26.55	6-1-63	25.52	12-31-68	0.48	0.07
22N-55W-24BC	1	1962	13.00	11-6-62	17.82	8-5-66	15.91	12-13-68	0.09	-1.15
22N-56W-4DD	1	1936	1.15	11-5-65	8.45	4-7-37	1.99	10-15-68	2.01	1.26
23N-56W-6AA	1	1948	29.24	10-26-49	41.04	10-6-61	37.76	10-15-68	-7.36	0.03
23N-56W-28AD	1	1936	8.29	9-29-64	10.35	5-3-65	9.03	10-15-68	0.27	-0.18
23N-57W-5BR	1	1937	18.76	11-9-55	26.94	4-2-53	21.54	10-15-68	0.46	1.39

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH			LOW			1968			DEPARTURE FROM ASSUMED NORMAL		CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE		WATER LEVEL	DATE		WATER LEVEL	DATE				
SEWARD COUNTY													
9N-2E-22CB	1	10.46	4-13-53	16.79	10-18-68	16.79	10-18-68	16.79	10-18-68	-6.29	-1.39		
9N-3E-19AA	1	64.98	4-26-56	69.75	10-18-68	69.75	10-18-68	69.75	10-18-68	-3.75	-0.76		
10N-1E-4BA	1	82.05	4-6-53	90.68	11-3-67	88.88	10-18-68	88.88	10-18-68	-6.88	1.80		
10N-2E-182D	1	73.02	4-10-53	80.64	10-18-68	80.64	10-18-68	80.64	10-18-68	-7.64	-1.16		
11N-1E-7AB	1	95.49	10-17-62	102.65	10-18-68	102.65	10-18-68	102.65	10-18-68	-7.15	-5.28		
11N-2E-21CD	1	75.99	12-11-65	84.27	8-13-64	81.11	10-15-68	81.11	10-15-68	-3.11	-0.51		
SHERIDAN COUNTY													
24N-41W-34DA	1	5.52	6-8-35	9.37	10-21-41	7.45	10-25-68	7.45	10-25-68	0.85	0.49		
24N-42W-27BA	2	8.43	10-30-63	9.35	10-25-68	9.35	10-25-68	9.35	10-25-68		NO RECORD		
24N-43W-15AC	1	8.15	9-4-58	10.26	10-25-68	10.26	10-25-68	10.26	10-25-68		-0.26		
24N-44W-14DC	1	3.41	10-9-61	5.59	10-12-60	3.65	10-25-68	3.65	10-25-68		0.37		
24N-44W-18PB	1	3.80	5-11-49	6.72	9-23-65	4.96	10-25-68	4.96	10-25-68	0.04	0.91		
24N-46W-10CB	1	2.26	4-4-46	7.90	10-27-67	7.31	10-25-68	7.31	10-25-68	-0.81	0.59		
25N-45W-32AD	1	31.50	7-16-49	34.23	10-26-64	33.43	10-25-68	33.43	10-25-68	-0.43	0.43		
29N-45W-20CC	1	57.85	10-9-67	60.52	6-13-67	59.08	10-22-68	59.08	10-22-68	-1.08	-1.23		
29N-46W-10AA	1	33.78	10-15-68	38.95	5-29-54	35.05	12-31-68	35.05	12-31-68	3.45	0.80		
29N-46W-24AAB	1	62.20	10-22-68	65.61	7-29-66	62.20	10-22-68	62.20	10-22-68		0.71		
30N-45W-14CC	1	38.51	7-26-61	41.46	1-25-62	41.09	10-23-68	41.09	10-23-68	-2.59	-0.02		
30N-45W-32AAA	1	27.07	10-13-67	28.56	6-13-67	27.10	10-23-68	27.10	10-23-68	-0.10	-0.03		
30N-46W-23DA	1	89.59	10-23-68	92.51	6-21-60	89.59	10-23-68	89.59	10-23-68	2.41	0.35		
31N-44W-10DC	1	0.24	6-25-52	5.24	9-12-36	2.09	10-23-68	2.09	10-23-68	0.91	-0.08		
31N-46W-8AD	1	2.09	1-29-52	6.20	11-1-40	3.65	10-23-68	3.65	10-23-68	0.05	-0.18		
33N-42W-36CA	1	34.51	10-7-47	37.13	10-30-68	37.13	10-30-68	37.13	10-30-68	-1.73	-1.20		
33N-44W-35CC	1	75.27	10-30-68	75.67	11-14-67	75.27	10-30-68	75.27	10-30-68	0.73	0.40		
SHERMAN COUNTY													
14N-14W-8AC	1	5.79	8-16-50	9.71	10-31-58	8.21	10-24-68	8.21	10-24-68	-0.51	0.32		
14N-14W-23CB	1	10.15	11-4-65	12.74	2-16-55	10.63	10-21-68	10.63	10-21-68	1.57	0.63		

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
SHERMAN COUNTY (CONTINUED)										
14N-16W-23BB	1	1950	38.82	11- 8-62	43.04	3-22-57	40.55	10-24-68	-0.85	0.23
15N-13W- 1CC	1	1961	65.11	10-24-68	73.80	11- 2-61	65.11	10-24-68	9.89	1.49
15N-14W-19AB	1	1949	10.30	8-16-50	15.69	3-18-60	12.43	10- 3-68	-0.93	-0.16
15N-15W- 2AB	1	1950	1.34	10- 3-50	5.52	8- 3-64	4.52	10- 3-68	-1.62	0.15
16N-15W- 8CC	1	1949	1.80	3-29-62	7.29	10-31-63	4.28	10- 3-68	-0.48	0.02
SIOUX COUNTY										
31N-57W-18RC	1	1961	33.68	6-22-62	37.50	9-21-61	36.28	10-21-68	-2.28	0.0
STANTON COUNTY										
22N- 2E- 8DD	1	1950	38.15	4- 6-50	47.08	10-22-68	47.08	10-22-68	-4.08	-1.18
23N- 3E- 6CC	1	1951	15.51	11- 7-51	22.96	10-13-64	22.01	10-22-68	-1.81	0.41
23N- 3E-19BC	1	1951	25.98	5-28-51	31.44	10-22-68	31.44	10-22-68	-4.04	-0.92
24N- 3E-34BD	1	1951	8.68	8-29-51	21.16	3-13-57	19.07	10-22-68	-2.37	-0.96
THAYER COUNTY										
3N- 2W-22DA	1	1964	101.83	11- 9-64	103.56	10-15-68	103.56	10-15-68	-1.56	-0.49
4N- 2W-16CCB	1	1964	75.56	11- 9-64	78.40	10-15-68	78.40	10-15-68	-0.53	-0.53
4N- 4W-36BB	1	1964	93.97	11- 9-64	97.75	10-24-68	97.75	10-24-68	-1.22	-1.22
THOMAS COUNTY										
21N-28W-23BD	1	1968	12.47	8-20-68	12.97	12- 4-68	12.93	12-17-68	-0.43	-0.15
23N-28W- 9DA	1	1934	8.91	10-13-60	10.98	7-23-40	9.62	10-15-68	-0.12	-0.05
24N-30W-2CAB	1	1934	1.57	9- 4-51	3.45	10-15-68	3.45	10-15-68	-0.95	-0.40
THURSTON COUNTY										
25N- 6E-228DB	1	1964	14.08	6-29-67	18.54	10-23-68	18.54	10-23-68	-2.54	NO RECORD



Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM ASSUMED NORMAL	CHANGE FROM PREVIOUS FALL	
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE			
VALLEY COUNTY										
17N-13W- 8DA	1	1958	37.42	3-28-63	40.69	11- 3-67	39.88	5-29-68	-1.88	0.81
17N-16W-26DC	1	1944	2.70	4- 1-49	6.83	12-26-46	NO READING			
18N-13W-23DC	1	1958	2.33	8-21-58	7.74	5-29-68	4.96	10-24-68	0.04	0.39
18N-16W-30CC	1	1949	1.12	7-23-62	5.64	6-20-56	4.11	10-24-68	-0.11	-0.23
19N-14W- 5CC	1	1950	19.49	9-22-66	26.28	10-26-64	23.87	10-24-68	-1.77	-3.97
19N-14W-13DA	1	1948	18.41	9- 4-57	23.93	4-26-51	20.86	10-29-68	1.34	-0.06
19N-14W-36PB	1	1948	28.51	6-30-49	58.57	11- 6-67	30.32	10-29-68	-0.62	28.25
WASHINGTON COUNTY										
18N-11E- 3AA	1	1934	7.66	10-18-65	30.91	10-18-40	18.72	10-21-68	10.58	-2.85
WAYNE COUNTY										
27N- 1E-36DD	1	1950	7.25	5-16-52	18.63	10-23-68	18.63	10-23-68	-8.03	-6.34
WEBSTER COUNTY										
1N- 9W- 9CC	1	1947	3.17	6-20-49	9.22	3-14-57	7.50	10-29-68	-0.20	-0.83
1N-11W-11AB	1	1946	1.34	7-12-51	10.56	4- 5-57	9.25	10-21-68	0.75	0.63
1N-12W- 2BB	1	1946	0.94	6-21-49	8.45	12-14-56	6.50	10-21-68	-1.80	0.02
2N-10W-36DB	1	1934	25.65	6-22-35	29.80	9- 8-64	28.83	10-21-68	-2.23	-0.25
3N-11W- 3CD	1	19-	179.86	11- 7-67	184.03	10-21-68	184.03	10-21-68	-4.03	-4.17
WHEELER COUNTY										
21N-11W-25AA	1	1963	2.97	5- 1-64	5.43	8- 2-64	3.99	5-20-68	0.01	0.45
YORK COUNTY										
9N- 1W- 8CB	1	1959	21.36	6-10-59	24.95	10- 7-64	24.22	10-24-68	-2.22	-0.08
9N- 4W- 6DD	1	1959	79.44	6-24-59	88.73	9- 1-67	86.26	10-15-68	-6.26	0.25
11N- 2W-31BA	1	1957	84.22	5-25-58	93.52	9-10-67	92.02	10-15-68	-7.52	-0.54
11N- 2W-31BA	2	1958	82.70	6-19-61	91.02	11- 2-67	89.59	10-24-68	-5.09	1.43

Table 1.--Water levels and their departures from assumed normal and from previous fall--Continued

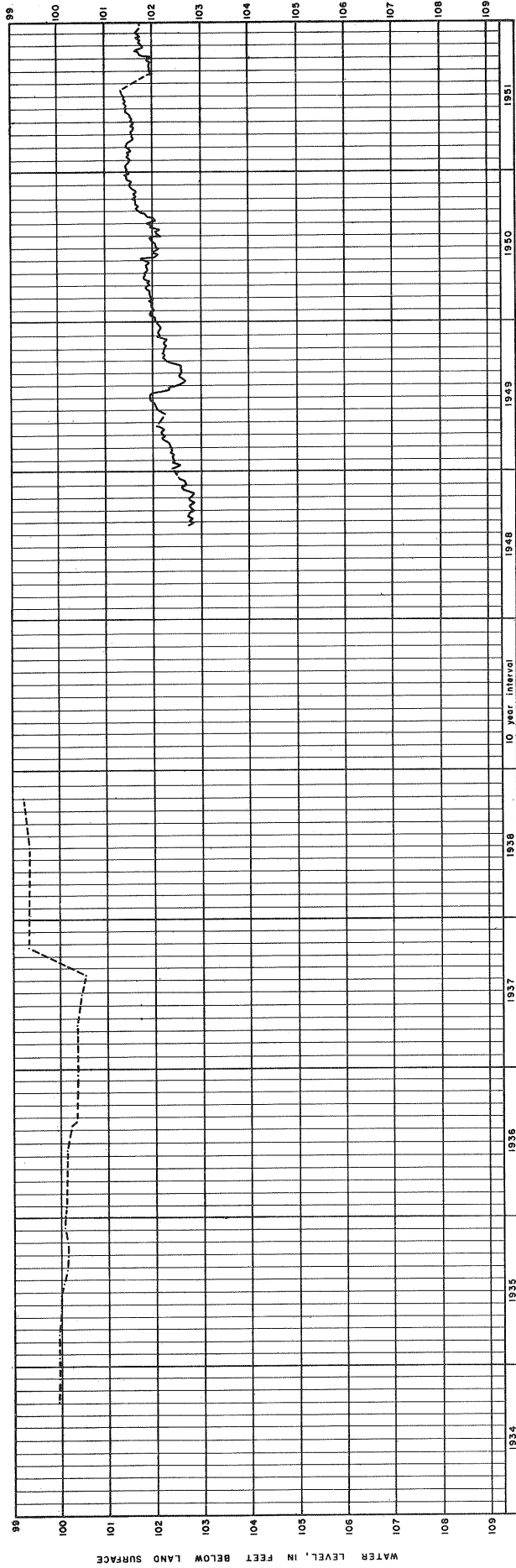
WELL LOCATION NUMBER	EARLIEST RECORD	HIGH		LOW		1968		DEPARTURE FROM		CHANGE FROM PREVIOUS FALL
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	FROM ASSUMED NORMAL	DATE	
11N- 4W-25BC	1	1948	63.08	12-28-51	76.93	11- 2-67	76.00	10-24-68	-10.30	0.93
11N- 4W-31BA	1	1948	70.85	4-23-52	85.68	11- 2-67	85.29	10-24-68	-13.49	0.39
12N- 1W-32AB	1	1959	87.40	7- 5-60	92.84	11- 2-67	91.59	10-24-68	-3.59	1.25
12N- 4W-10CB	1	1953	73.16	5-13-53	88.30	10-25-68	88.30	10-25-68	-14.30	-2.02

YORK COUNTY (CONTINUED)

ADAMS COUNTY

HASTINGS RECORDER WELL  
HYDROGRAPH OF WELL 7N-10W-23AB, ADAMS COUNTY

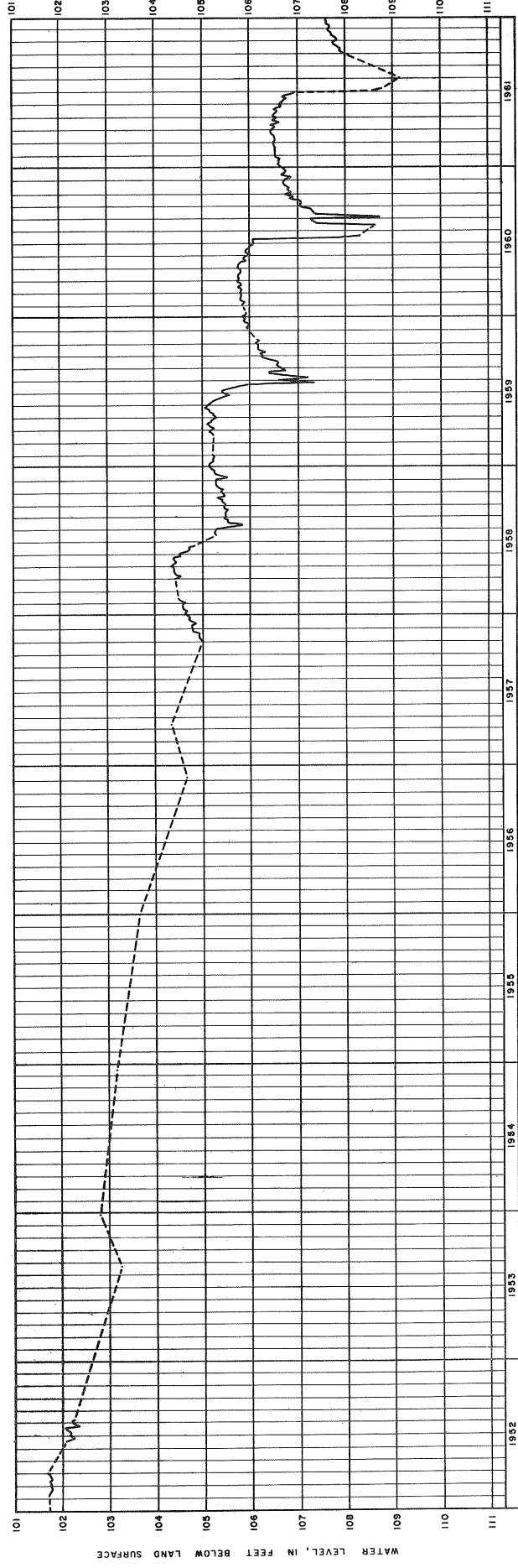
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ADAMS COUNTY

HASTINGS RECORDER WELL  
HYDROGRAPH OF WELL 7N-10W-23AB, ADAMS COUNTY

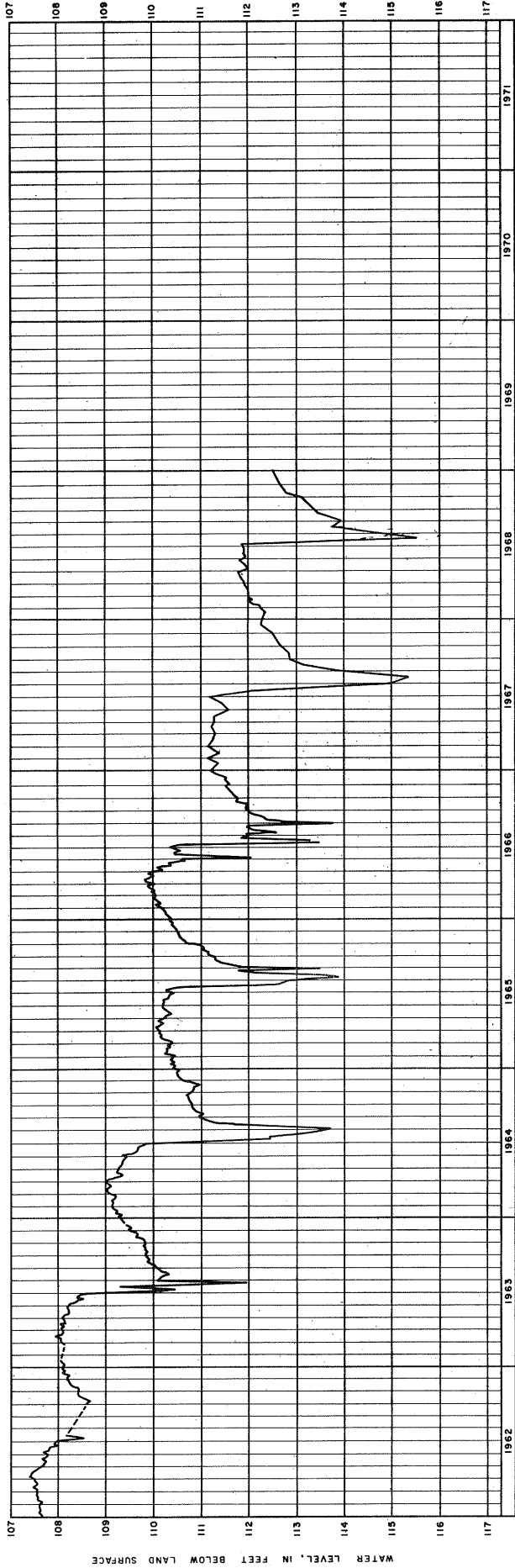
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**HASTINGS RECORDER WELL**  
**HYDROGRAPH OF WELL 7N-10W-23AB, ADAMS COUNTY**

ADAMS COUNTY

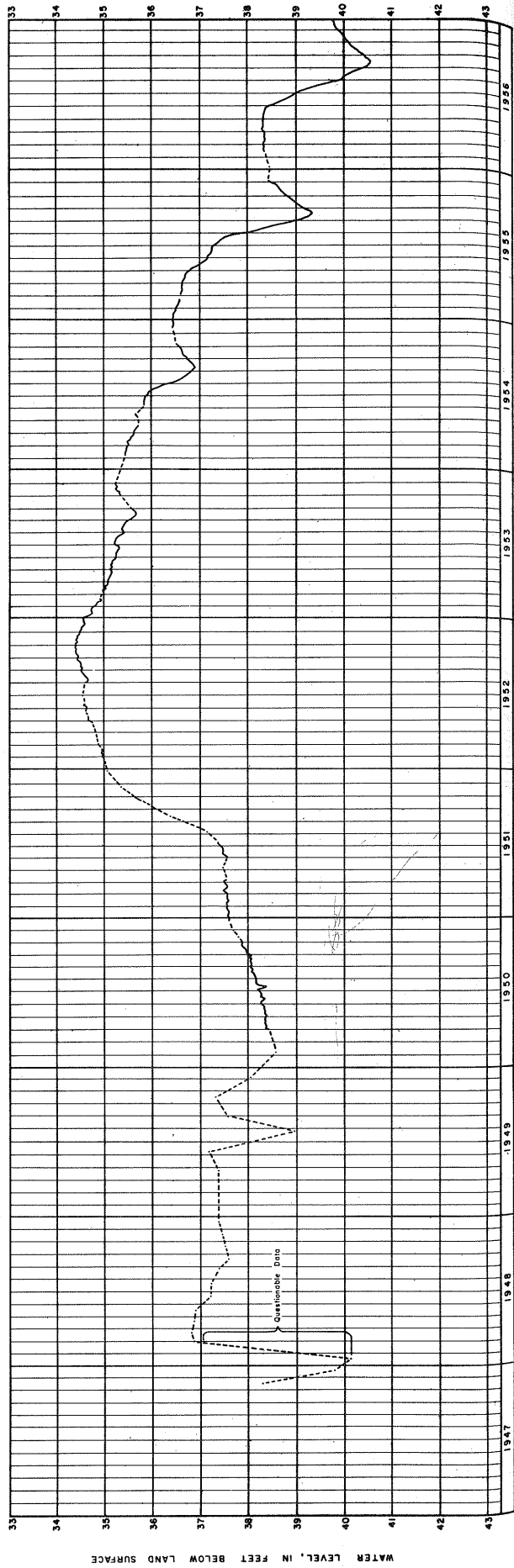
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**AINSWORTH RECORDER WELL**  
**HYDROGRAPH OF WELL 30N-21W-19CC, BROWN COUNTY**

BROWN COUNTY

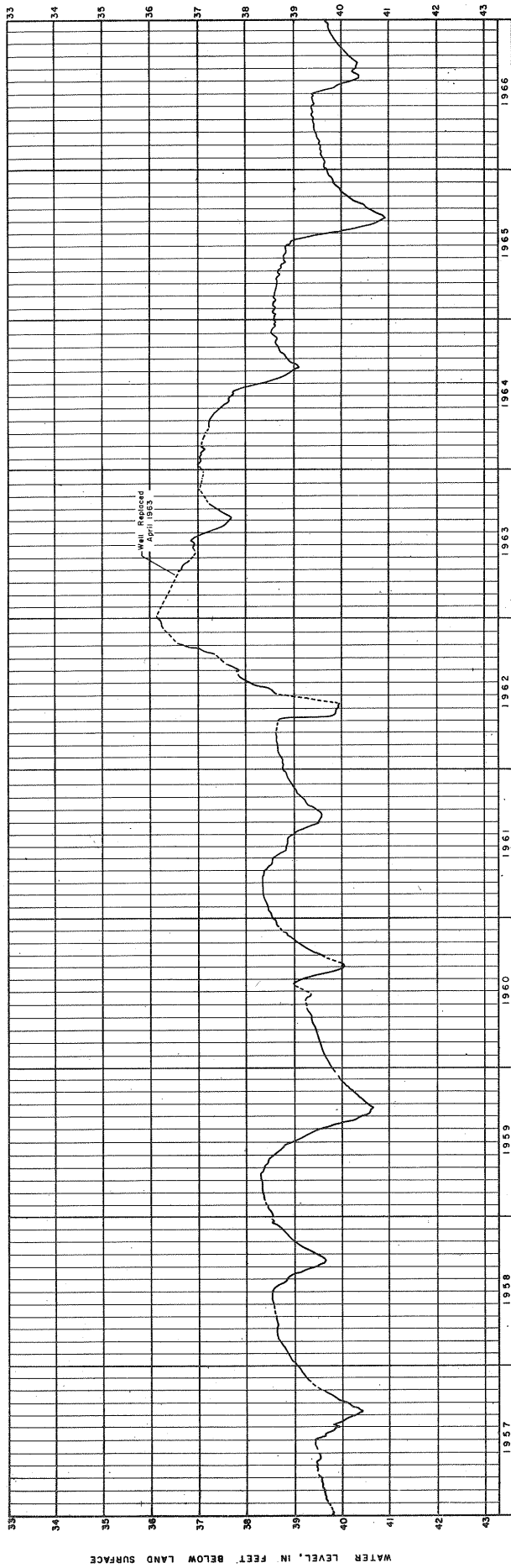
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BROWN COUNTY

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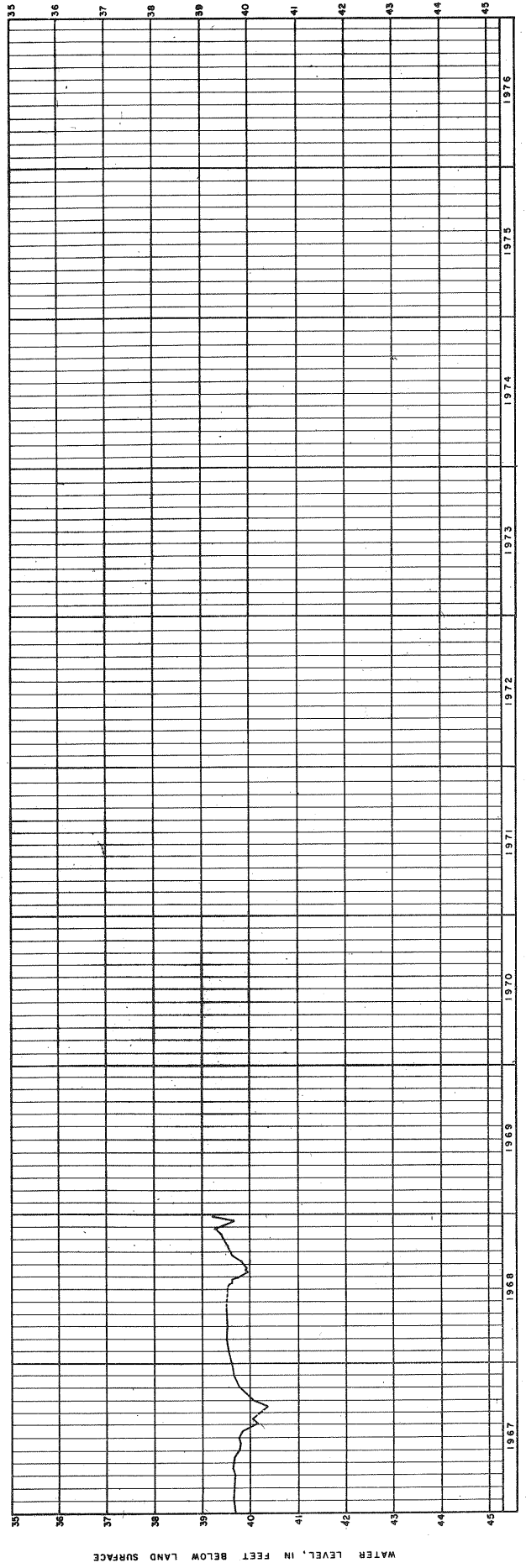
AINSWORTH RECORDER WELL  
HYDROGRAPH OF WELL 30N-21W-19CC, BROWN COUNTY



BROWN COUNTY

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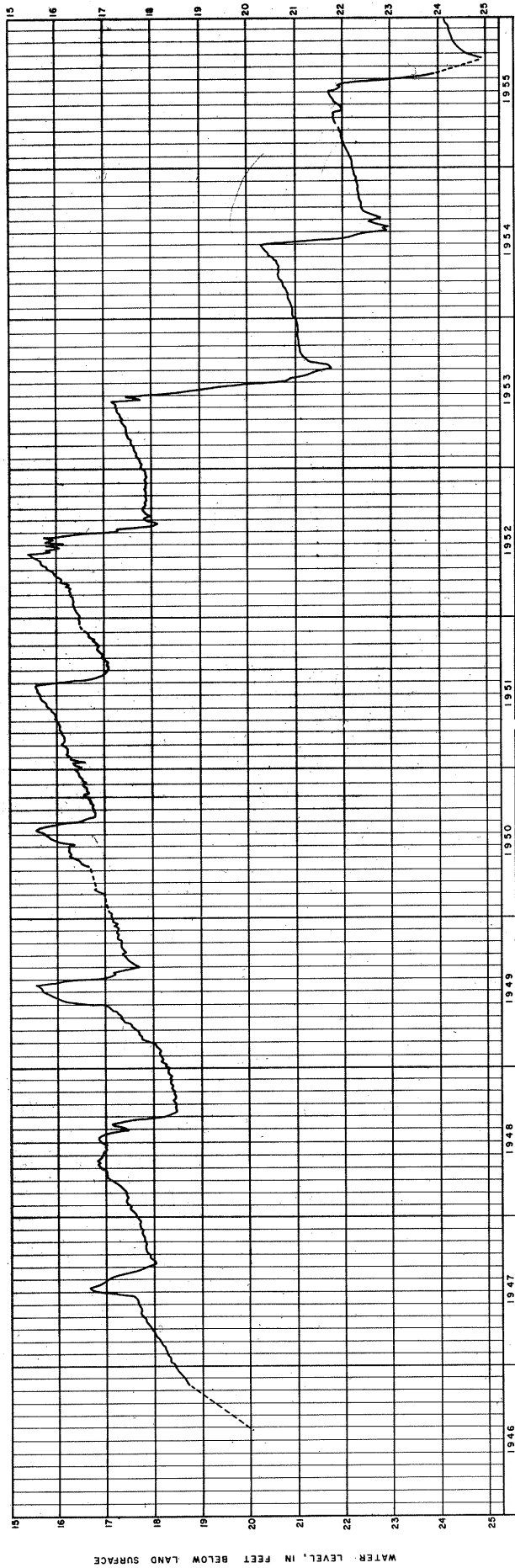
AINSWORTH RECORDER WELL  
HYDROGRAPH OF WELL 30N-21W-19CC, BROWN COUNTY



BUFFALO COUNTY

GIBBON RECORDER WELL  
HYDROGRAPH OF WELL 9N-14W-10C, BUFFALO COUNTY

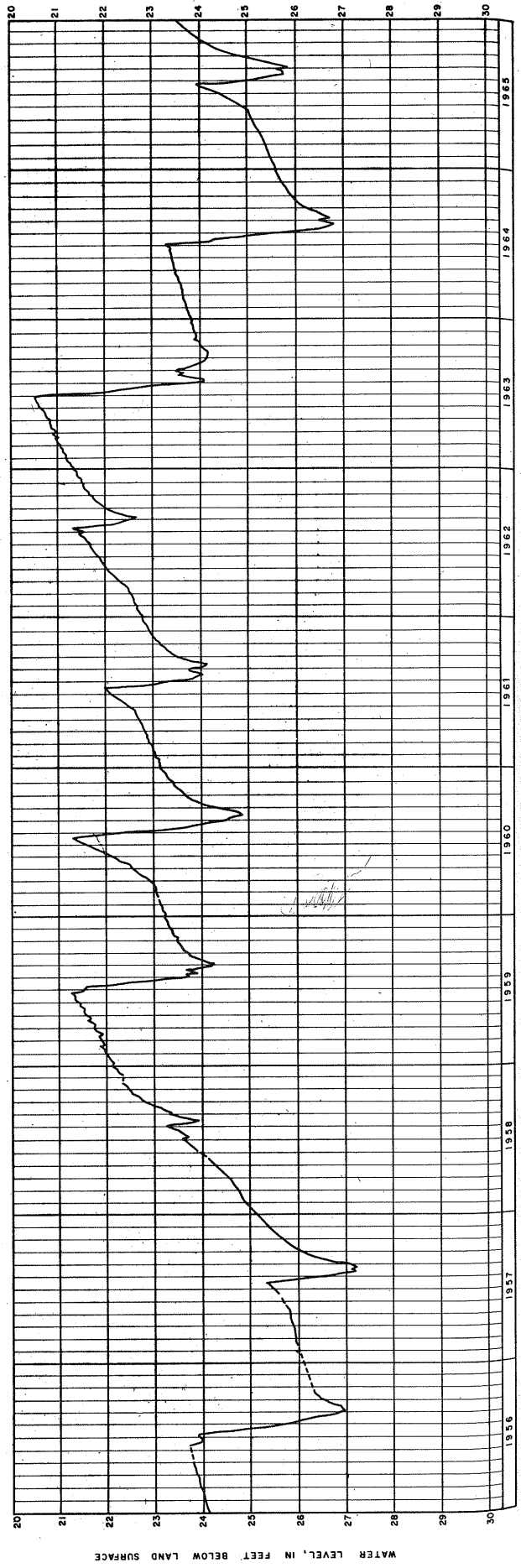
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BUFFALO COUNTY

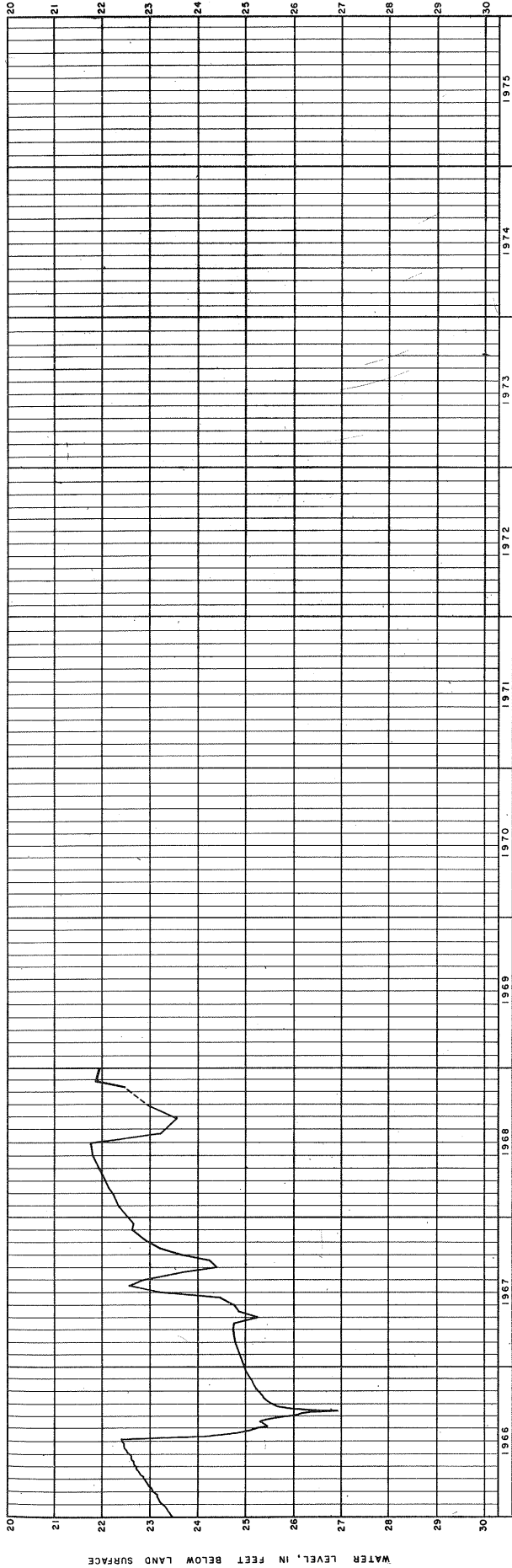
GIBBON RECORDER WELL  
HYDROGRAPH OF WELL 9N-14W-10C, BUFFALO COUNTY

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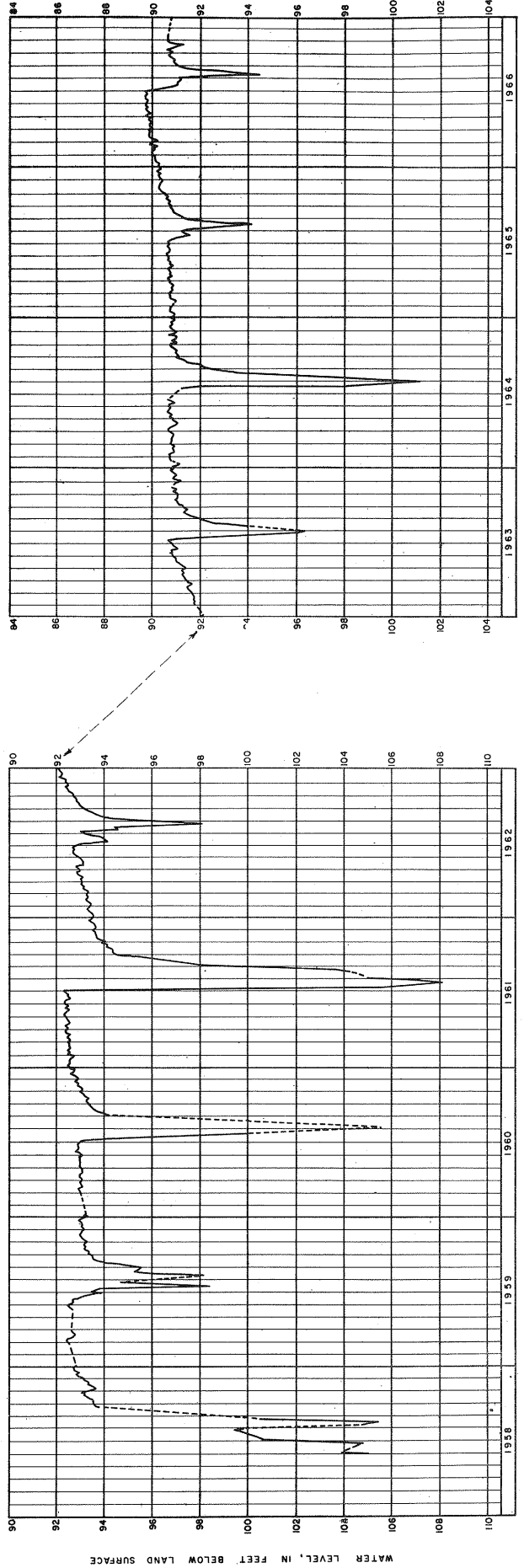
**BUFFALO COUNTY**

**GIBBON RECORDER WELL**  
HYDROGRAPH OF WELL 9N-14W-IDC, BUFFALO COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



**BUTLER COUNTY**

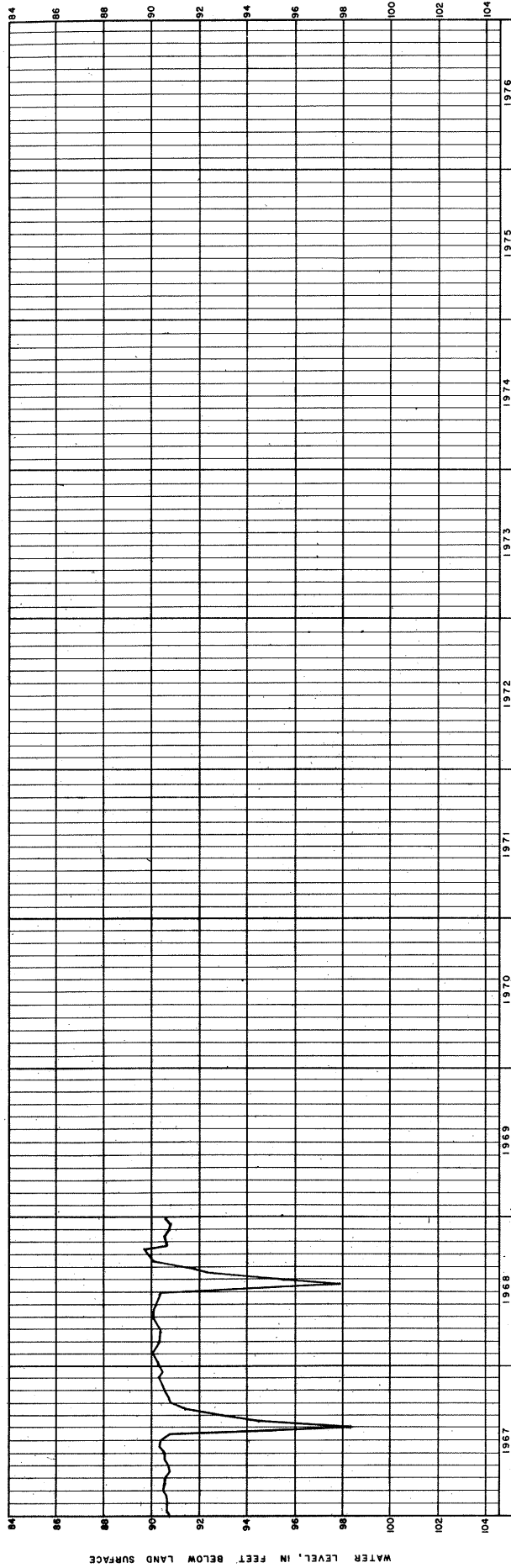
**RISING CITY RECORDER WELL**  
HYDROGRAPH OF WELL 15N-1E-27DD, BUTLER COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



**BUTLER COUNTY**

**IMPERIAL RECORDER WELL**

HYDROGRAPH OF WELL 18N-1E-270D, BUTLER COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

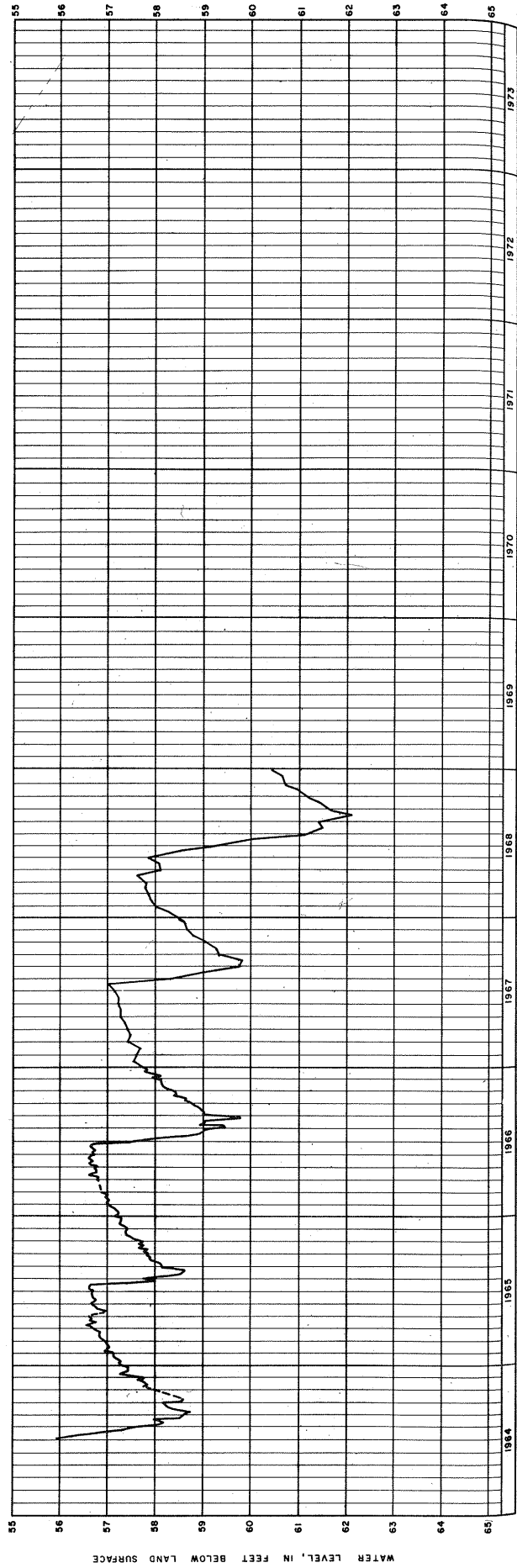


**CHASE COUNTY**

**IMPERIAL RECORDER WELL**

HYDROGRAPH OF WELL 7N-36W-29CBB, CHASE COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

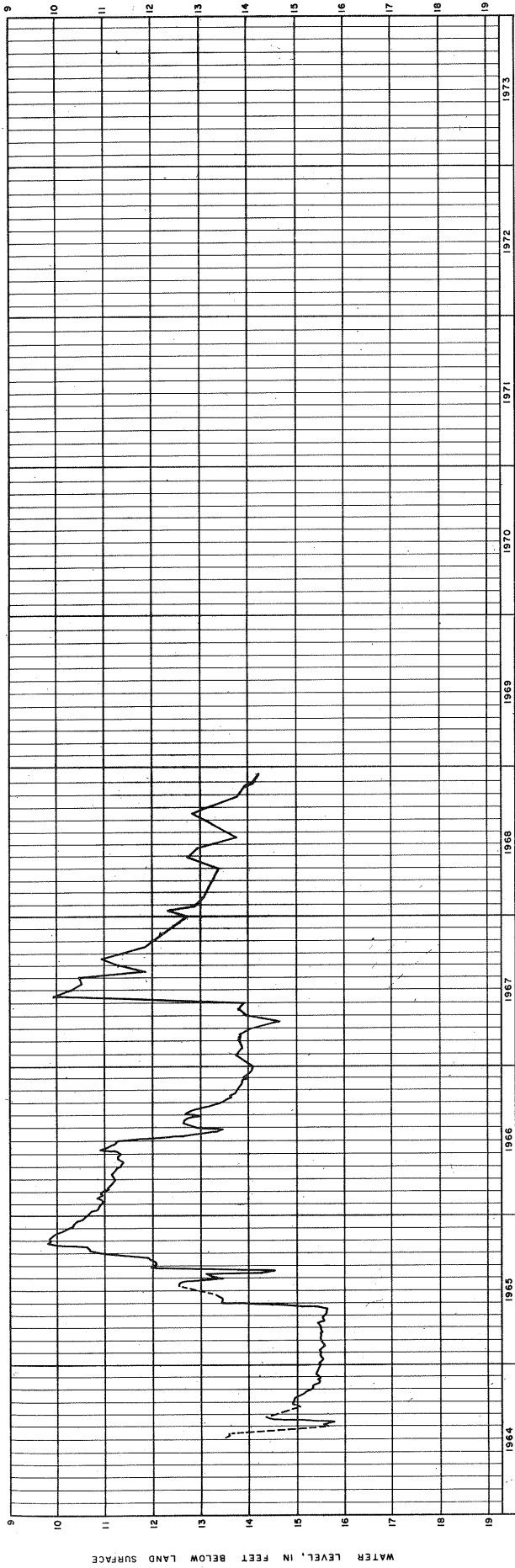




DAWSON COUNTY

LEXINGTON RECORDER WELL  
HYDROGRAPH OF WELL 10N-21W-18DDO, DAWSON COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

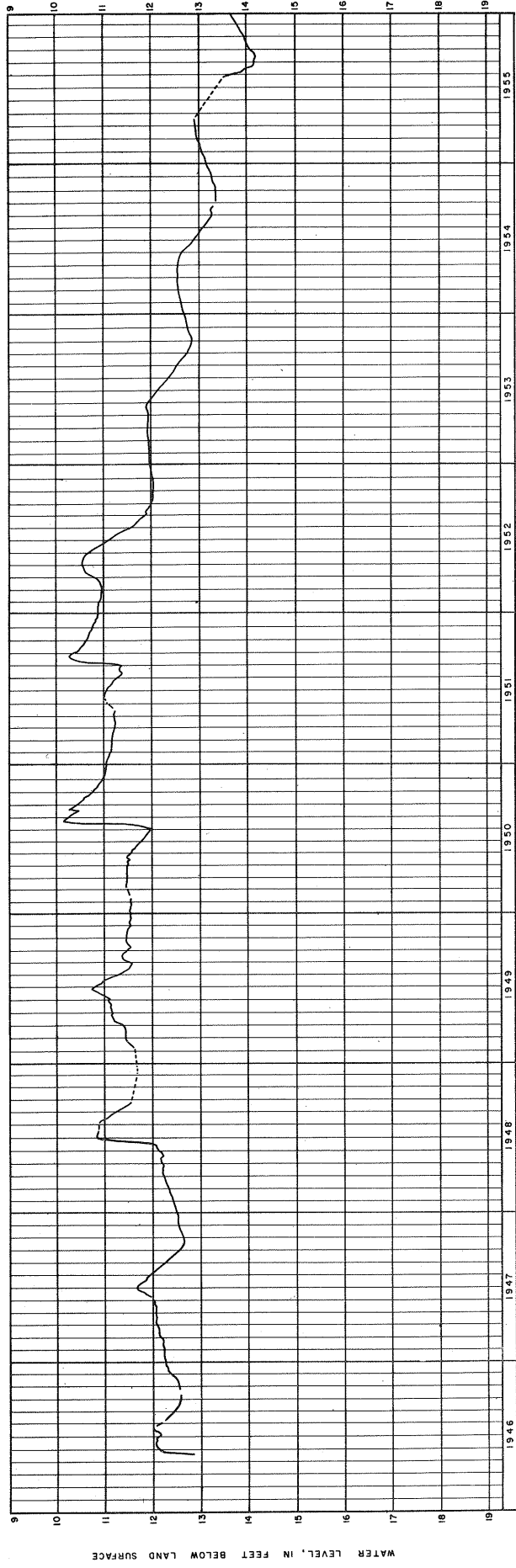


WATER LEVEL, IN FEET BELOW LAND SURFACE

DUNDY COUNTY

HAIGLER RECORDER WELL  
HYDROGRAPH OF WELL IN-40W-2988B, DUNDY COUNTY

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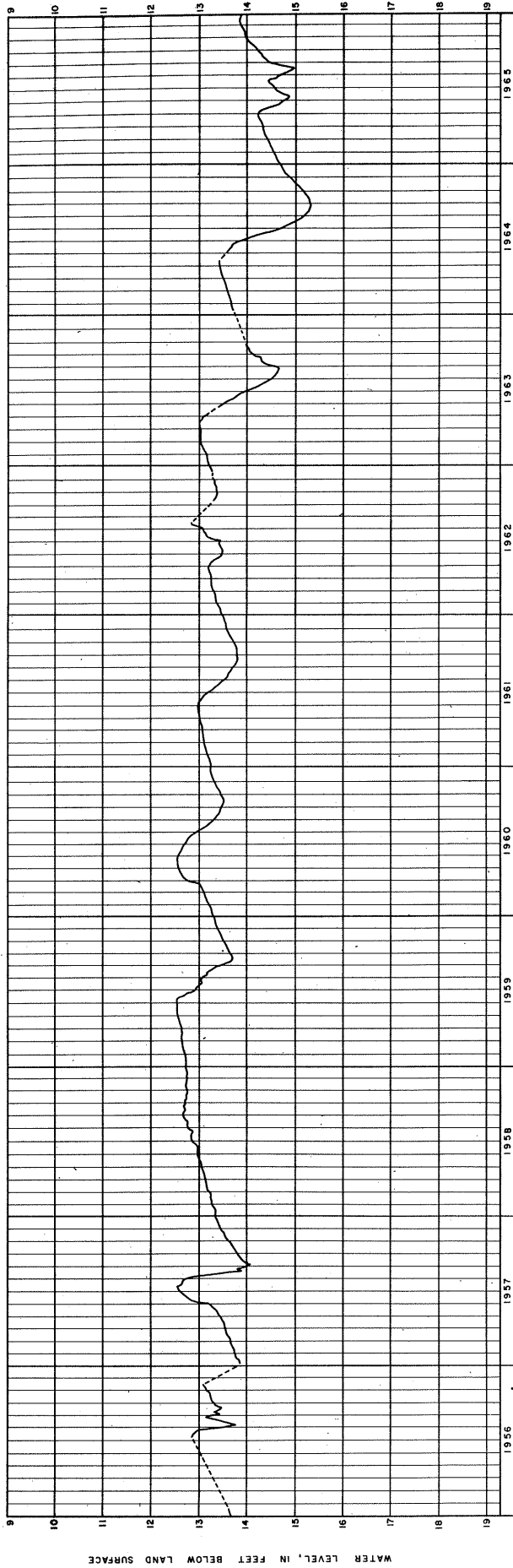


WATER LEVEL, IN FEET BELOW LAND SURFACE

DUNDY COUNTY

HAIGLER RECORDER WELL  
HYDROGRAPH OF WELL IN-40W-298B, DUNDY COUNTY

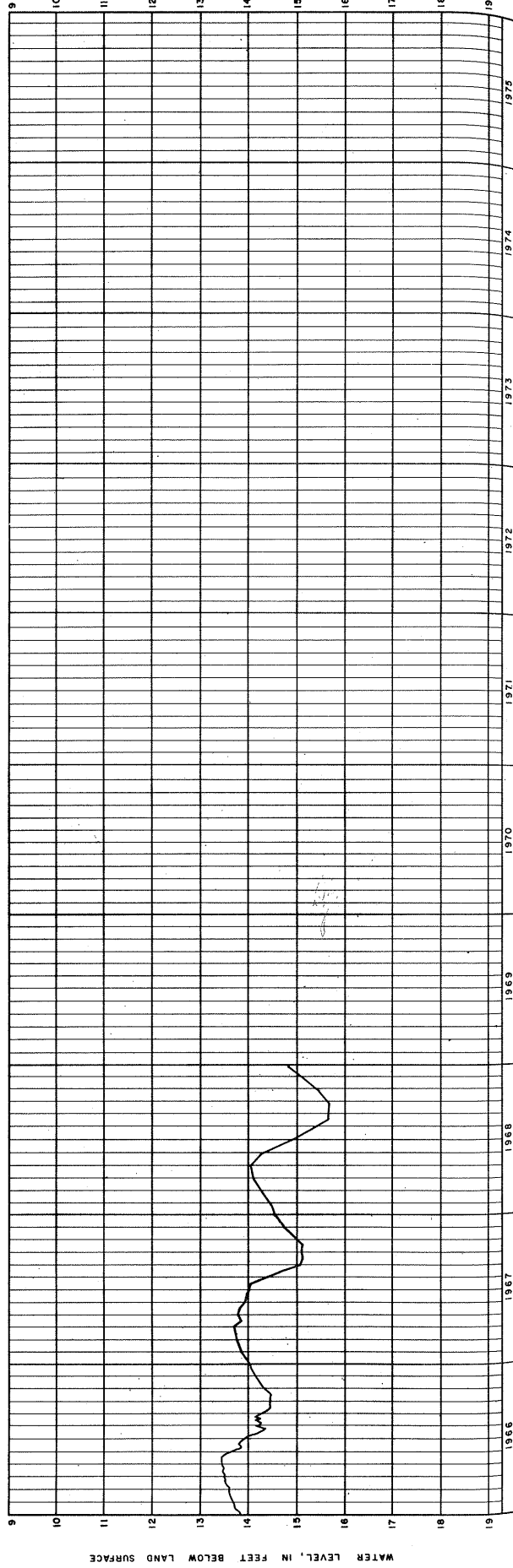
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DUNDY COUNTY

HAIGLER RECORDER WELL  
HYDROGRAPH OF WELL IN-40W-298B, DUNDY COUNTY

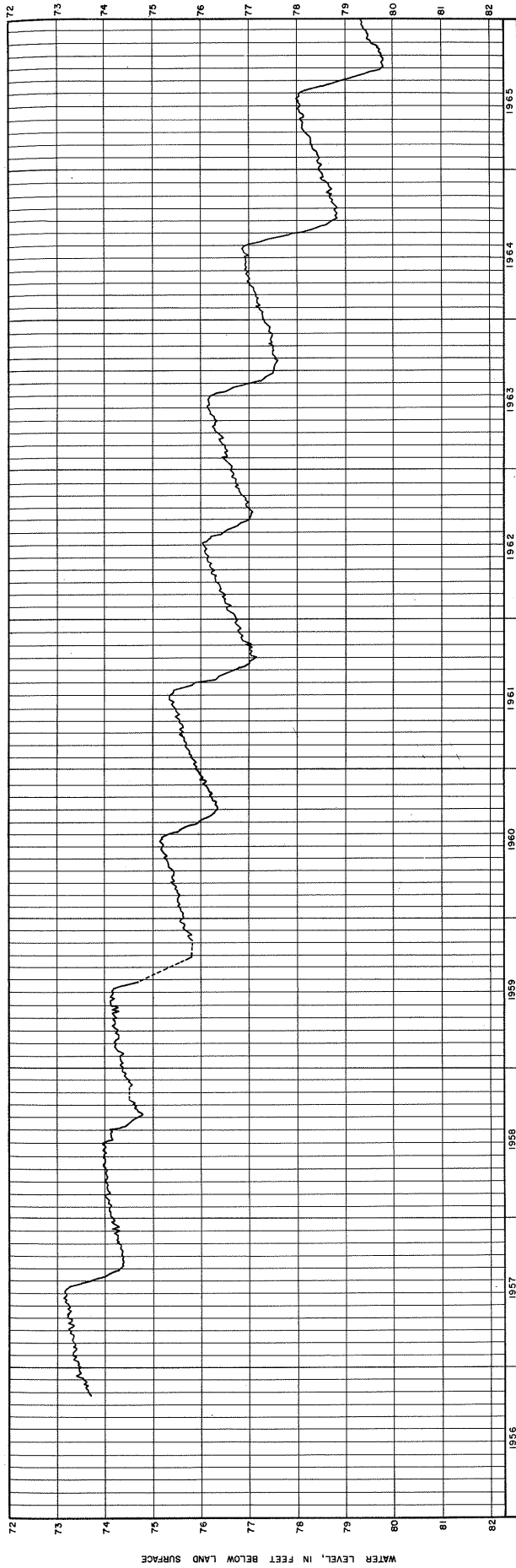
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FILLMORE COUNTY

SHICKLEY RECORDER WELL

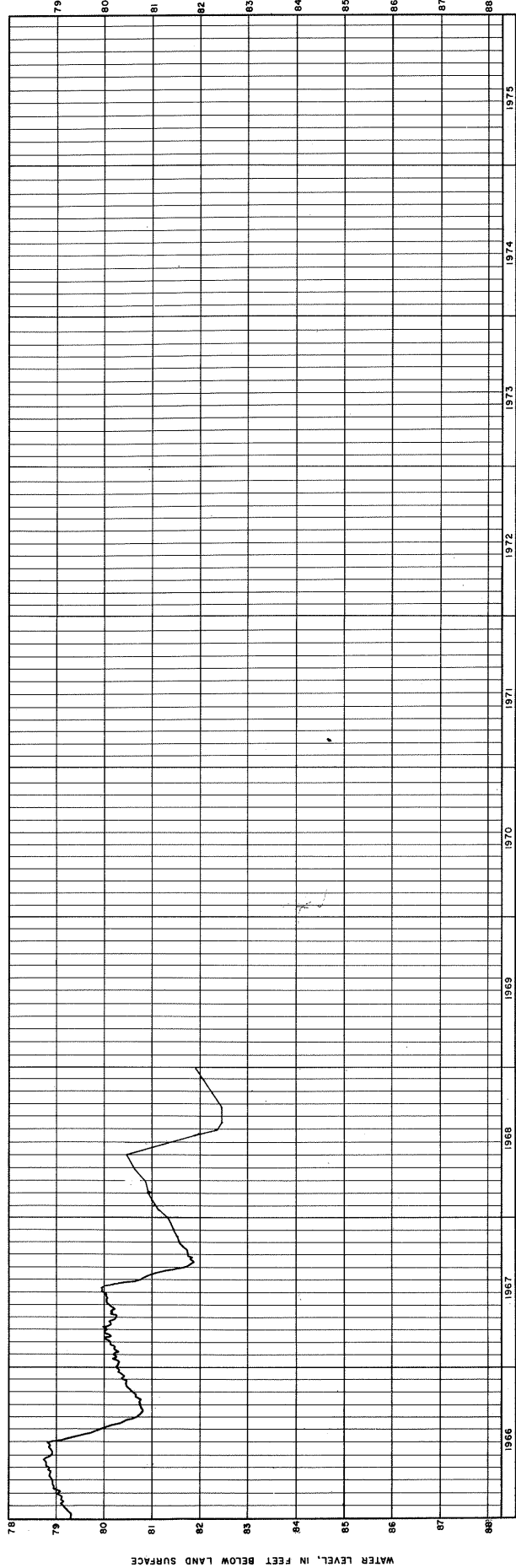
HYDROGRAPH OF WELL 5N-4W-12BC, FILLMORE COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



FILLMORE COUNTY

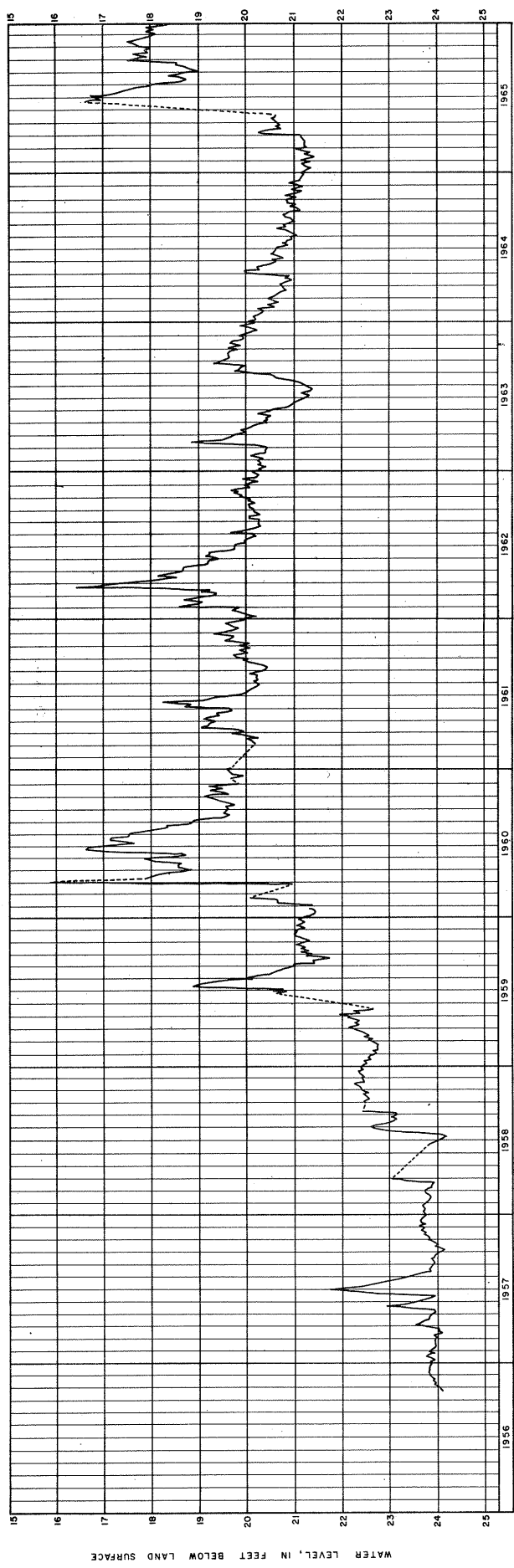
SHICKLEY RECORDER WELL

HYDROGRAPH OF WELL 5N-4W-12BC, FILLMORE COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



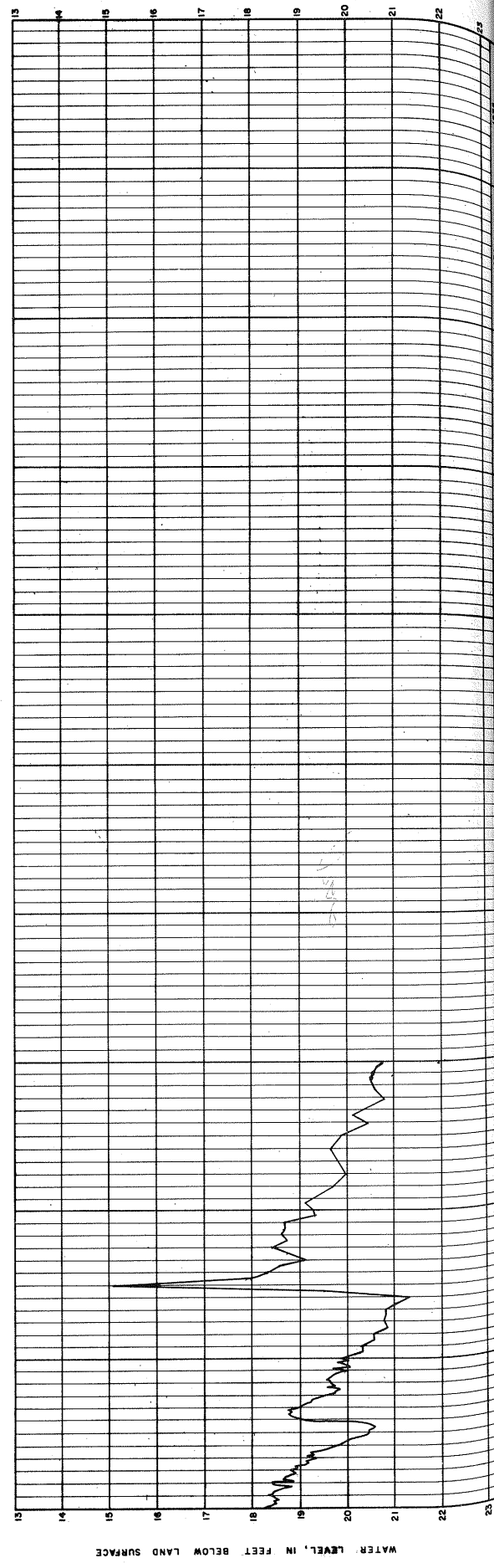
FILLMORE COUNTY  
 EXETER RECORDER WELL  
 HYDROGRAPH OF WELL BN-2W-26AD1, FILLMORE COUNTY

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FILLMORE COUNTY  
 EXETER RECORDER WFL  
 HYDROGRAPH OF WELL BN-2W-26AD1, FILLMORE COUNTY

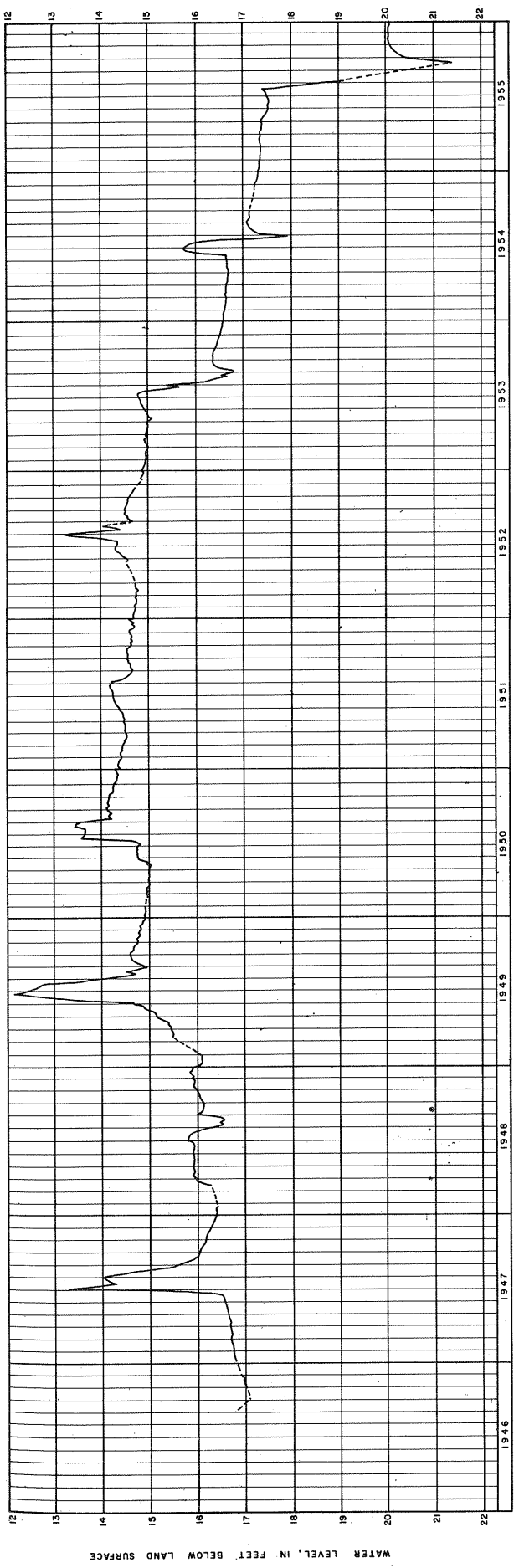
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HALL COUNTY

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ALDA RECORDER WELL  
HYDROGRAPH OF WELL IIN-IIW-25CC, HALL COUNTY

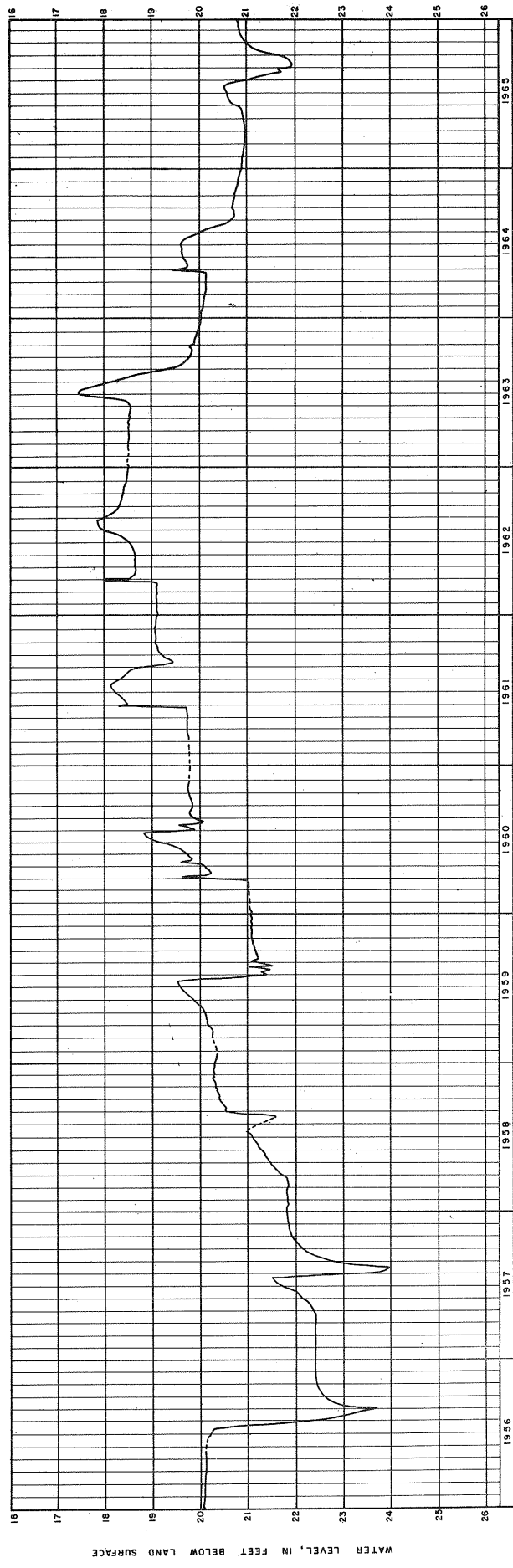


WATER LEVEL, IN FEET BELOW LAND SURFACE

HALL COUNTY

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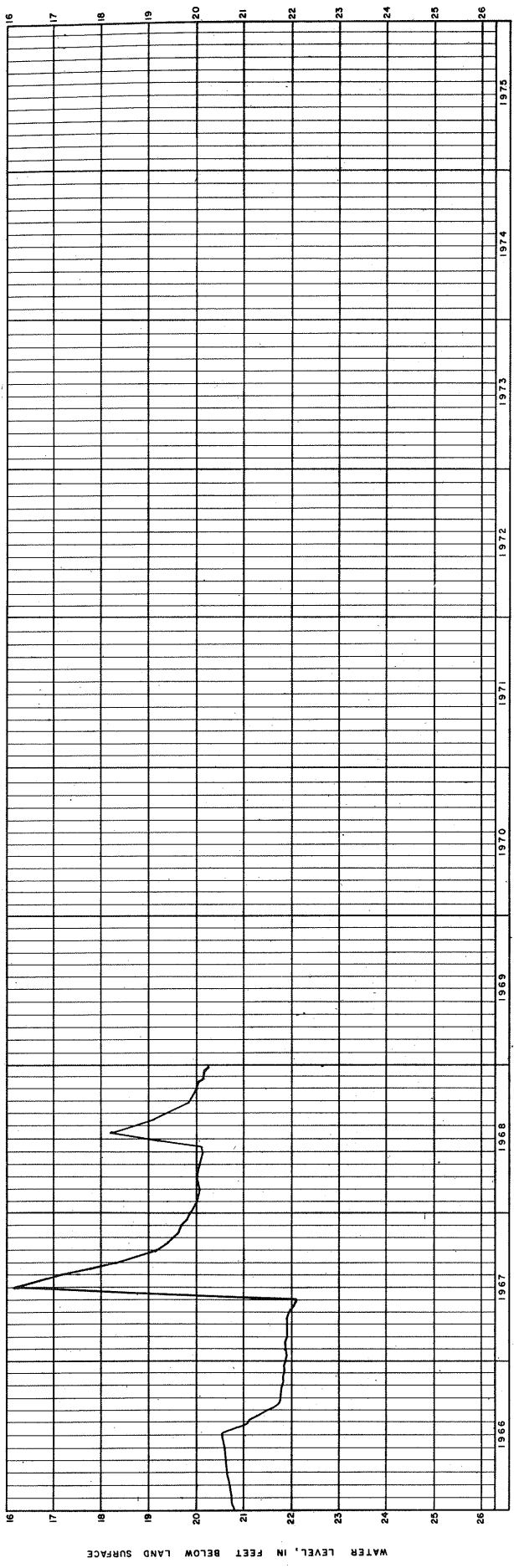
ALDA RECORDER WELL  
HYDROGRAPH OF WELL IIN-IIW-25CC, HALL COUNTY



WATER LEVEL, IN FEET BELOW LAND SURFACE

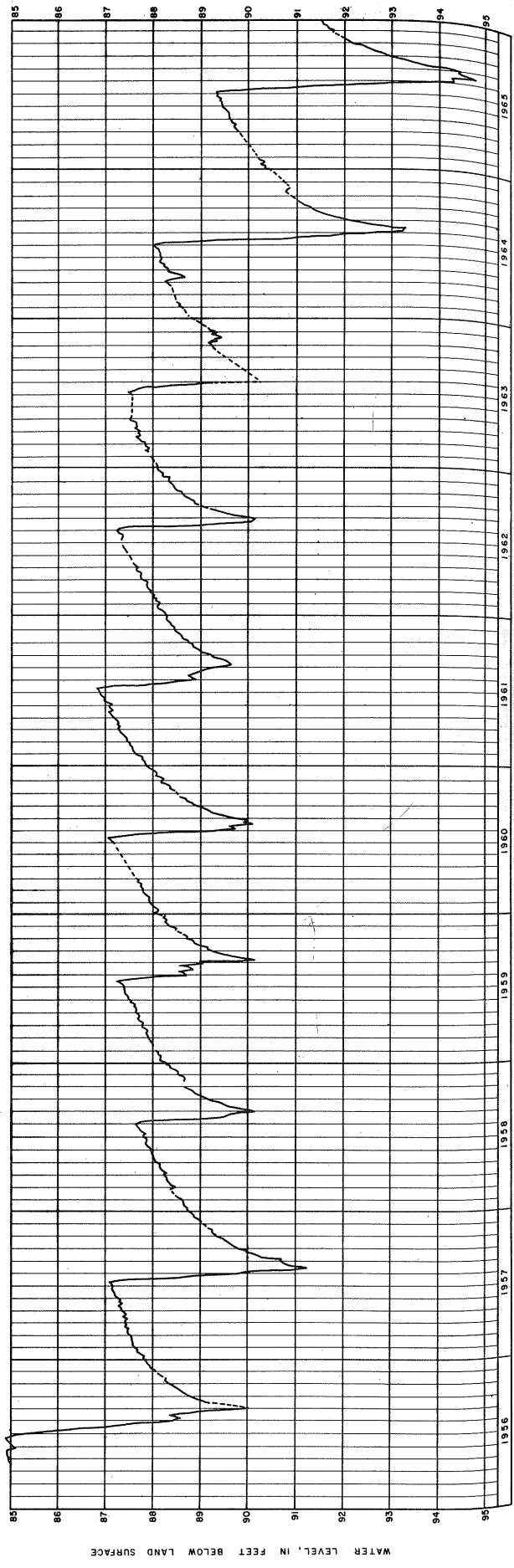
HALL COUNTY

ALDA RECORDER WELL  
 HYDROGRAPH OF WELL IIN-IW-25CC, HALL COUNTY  
 PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



HAMILTON COUNTY

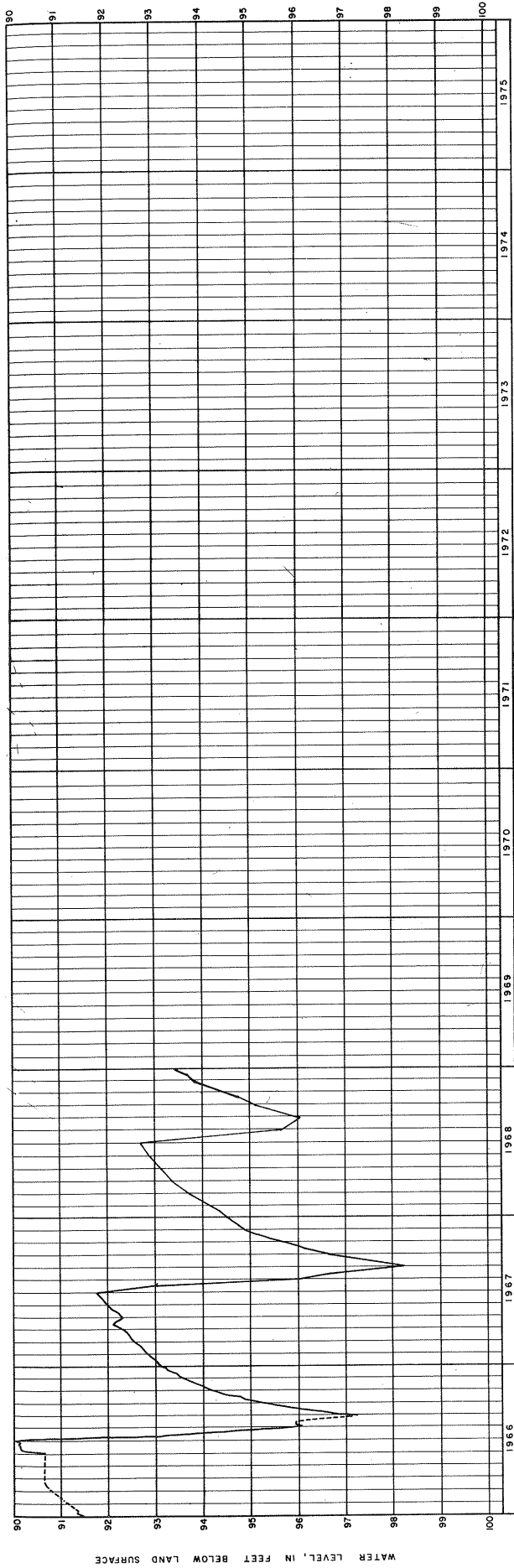
AURORA RECORDER WELL  
 HYDROGRAPH OF WELL ION-6W-26BC, HAMILTON COUNTY  
 PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



HAMILTON COUNTY

AURORA RECORDER WELL  
HYDROGRAPH OF WELL 10N-8W-26SC, HAMILTON COUNTY

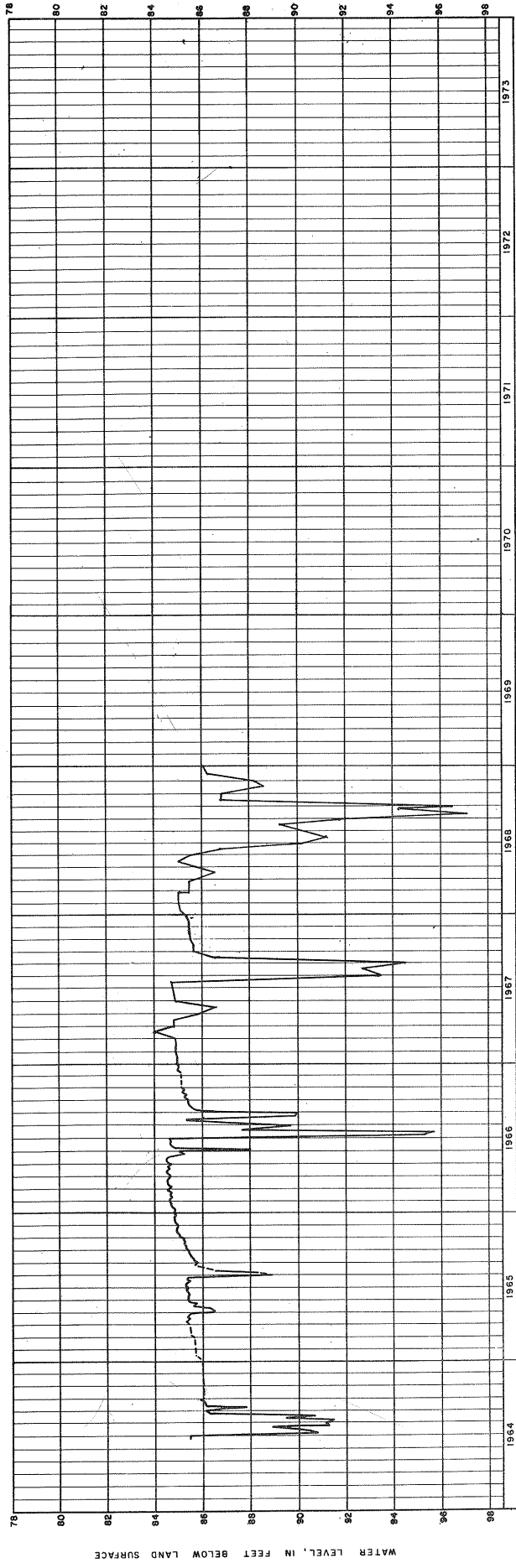
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HARLAN COUNTY

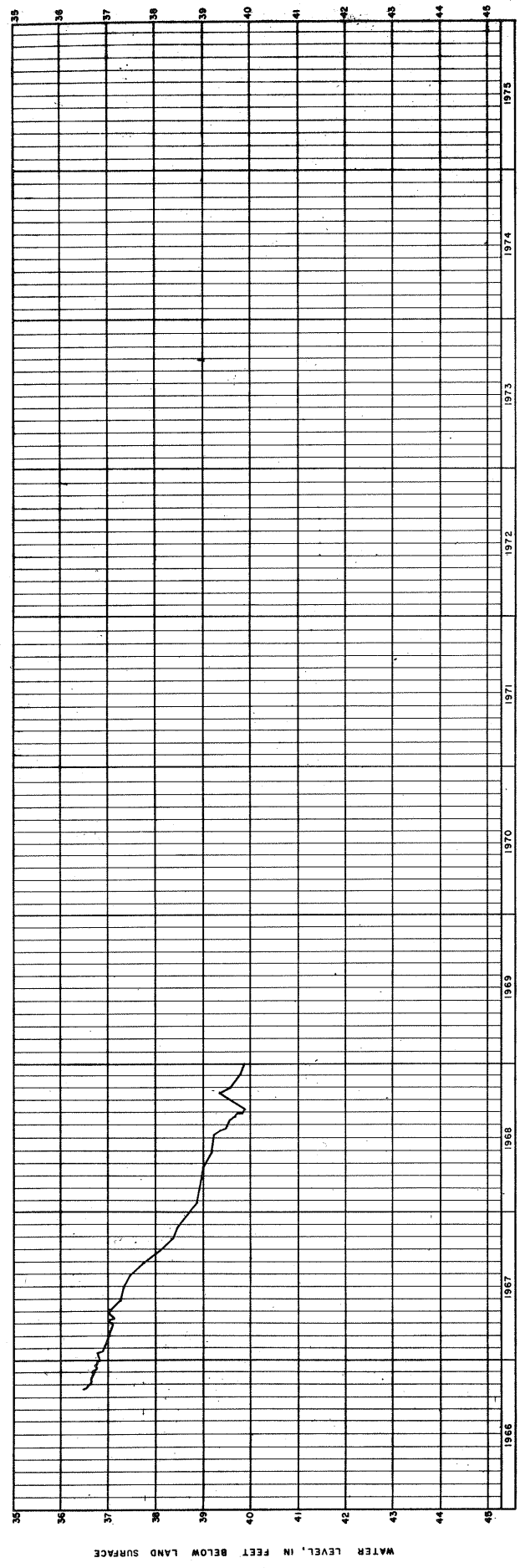
ALMA RECORDER WELL  
HYDROGRAPH OF WELL 2N-18W-96CC, HARLAN COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



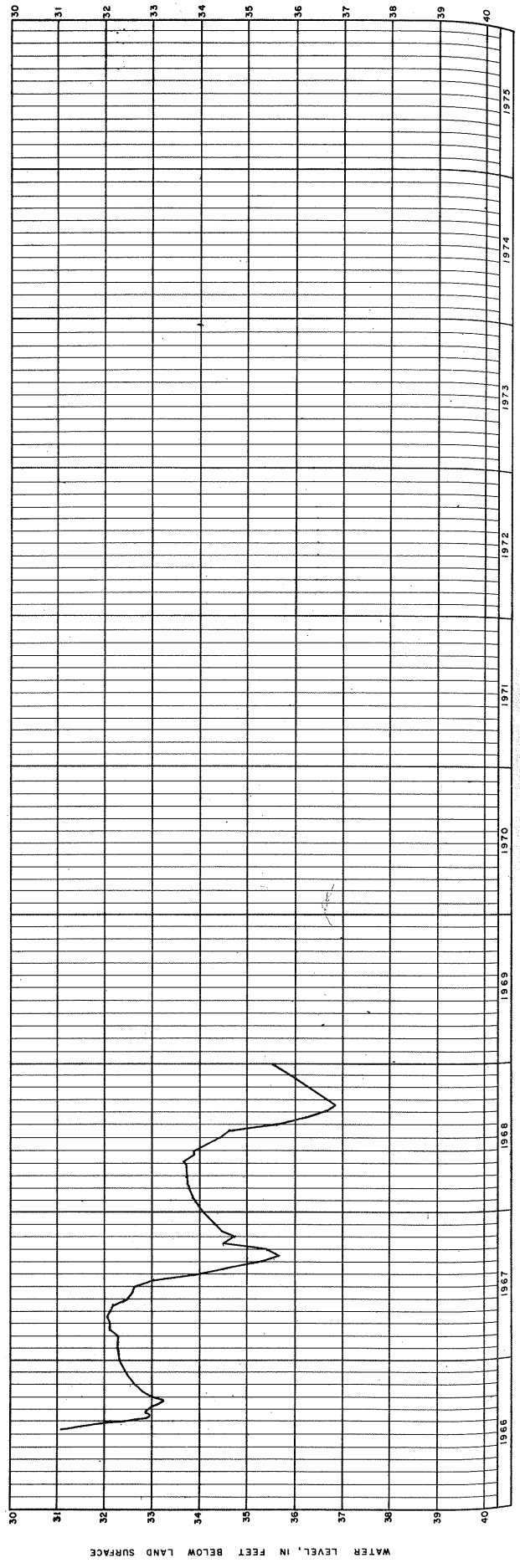
HOLT COUNTY

O'NEILL RECORDER WELL  
HYDROGRAPH OF WELL 30N-10W-320AA, HOLT COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



HOLT COUNTY

ATKINSON RECORDER WELL  
HYDROGRAPH OF WELL 31N-14W-27DDD, HOLT COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

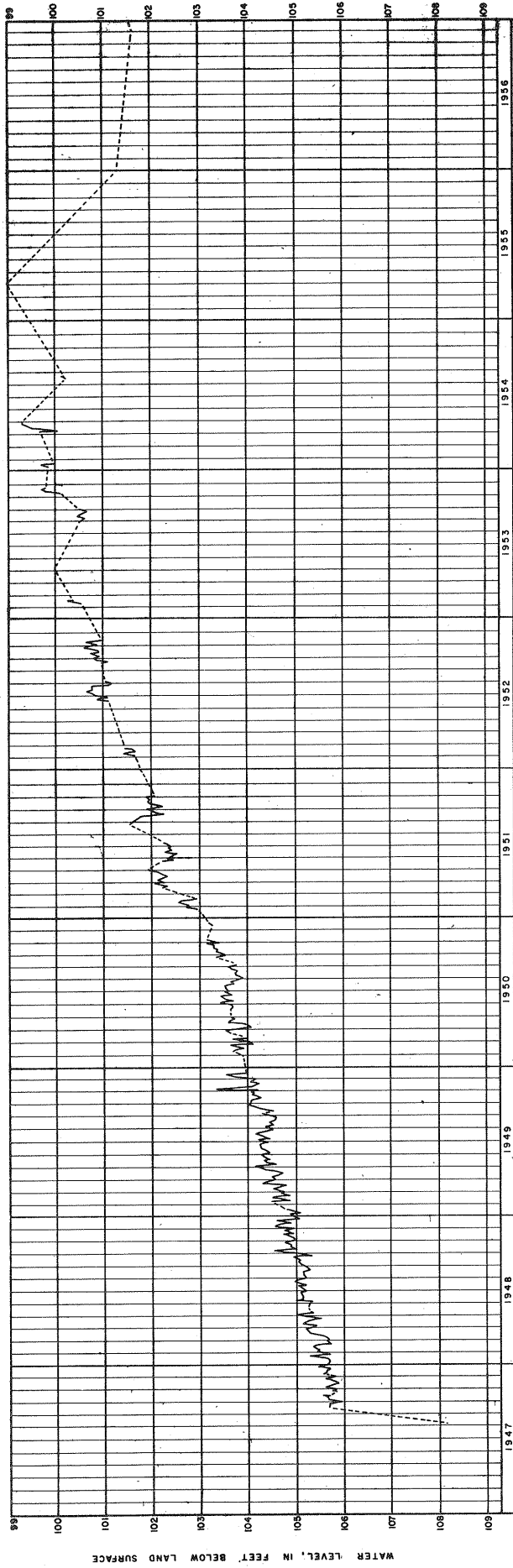




KEARNEY COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

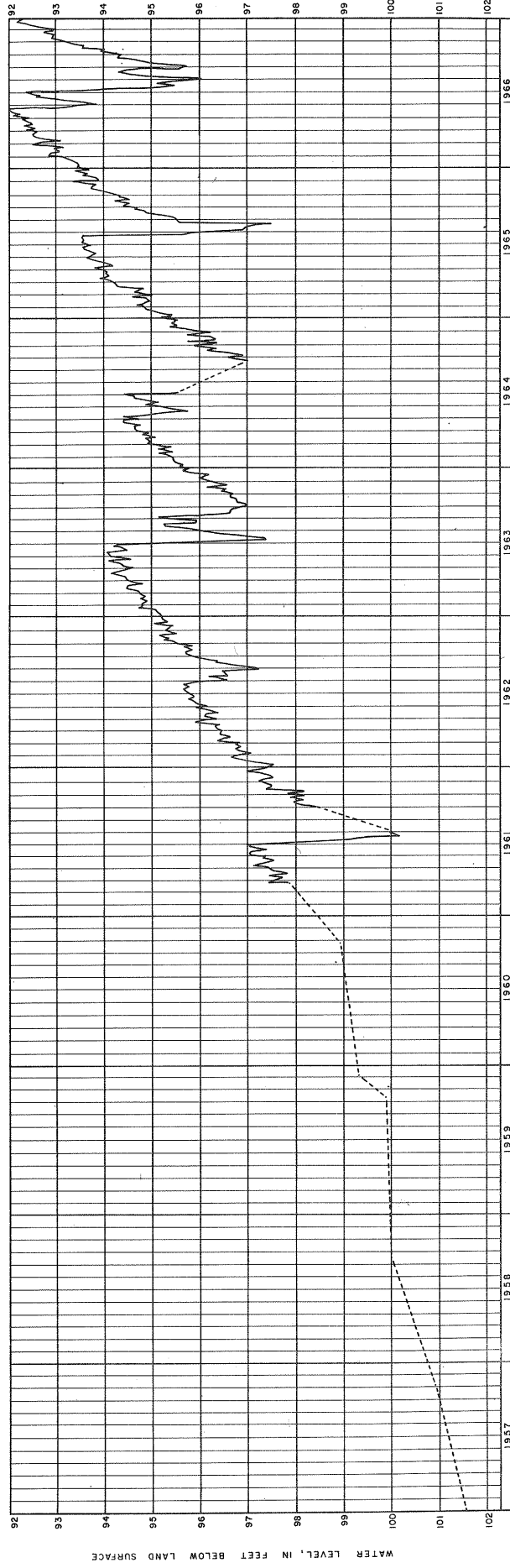
MINDEN RECORDER WELL  
HYDROGRAPH OF WELL 5N-15W-38A, KEARNEY COUNTY



KEARNEY COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

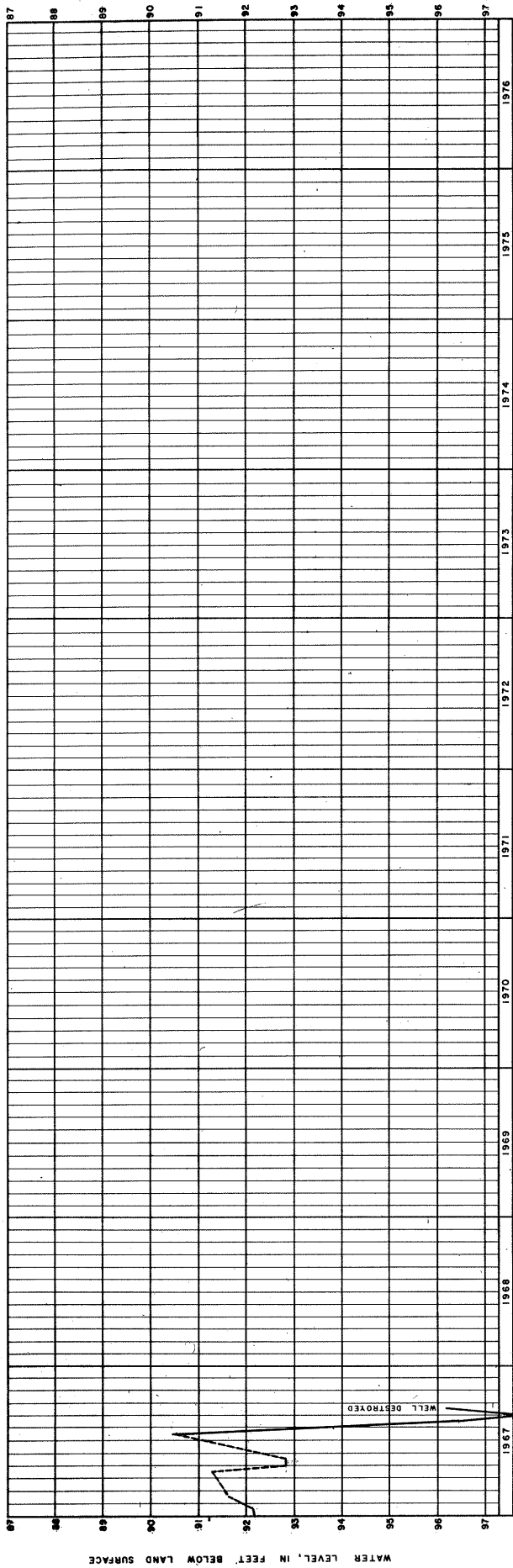
MINDEN RECORDER WELL  
HYDROGRAPH OF WELL 5N-15W-38A, KEARNEY COUNTY



KEARNEY COUNTY

MINDEN RECORDER WELL  
HYDROGRAPH OF WELL 5N-15W-38A, KEARNEY COUNTY

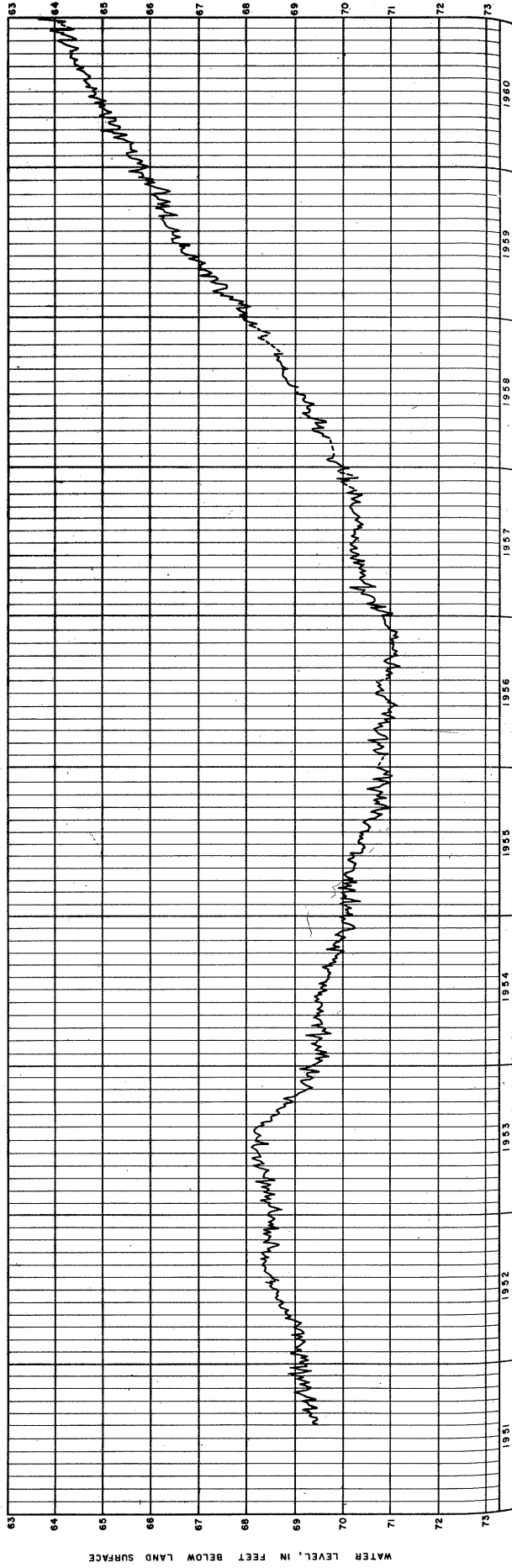
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LANCASTER COUNTY

VAN DORN RECORDER WELL  
HYDROGRAPH OF WELL 10N-8E-36CDD, LANCASTER COUNTY

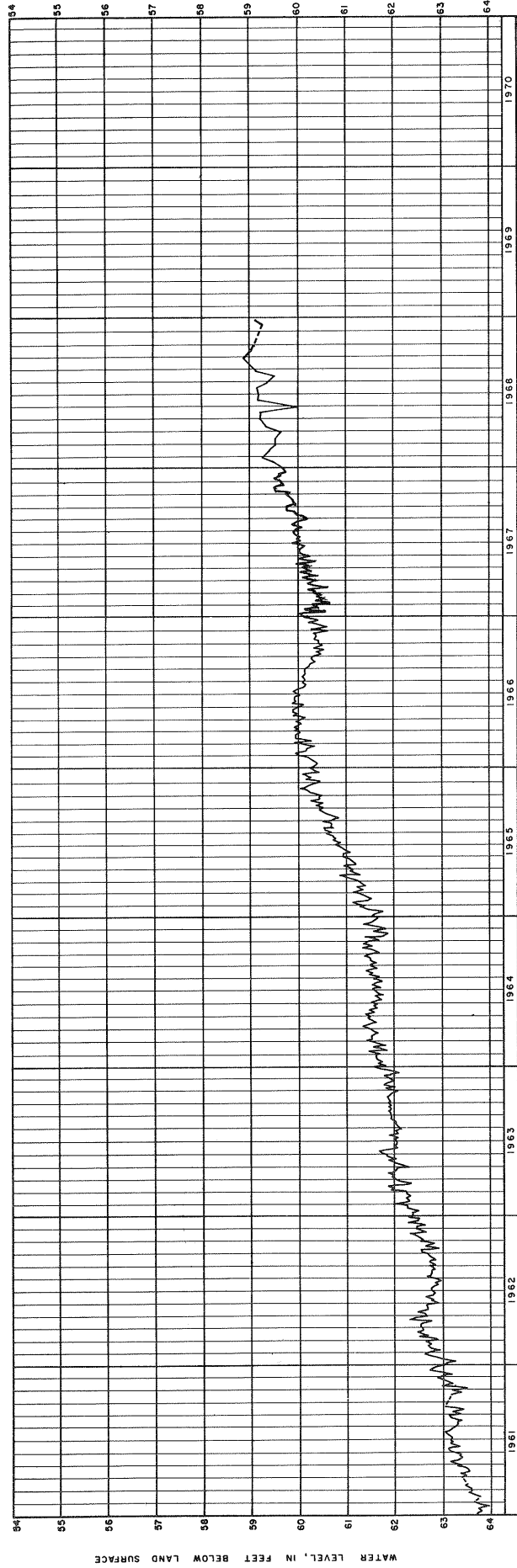
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



LANCASTER COUNTY

VAN DORN RECORDER WELL

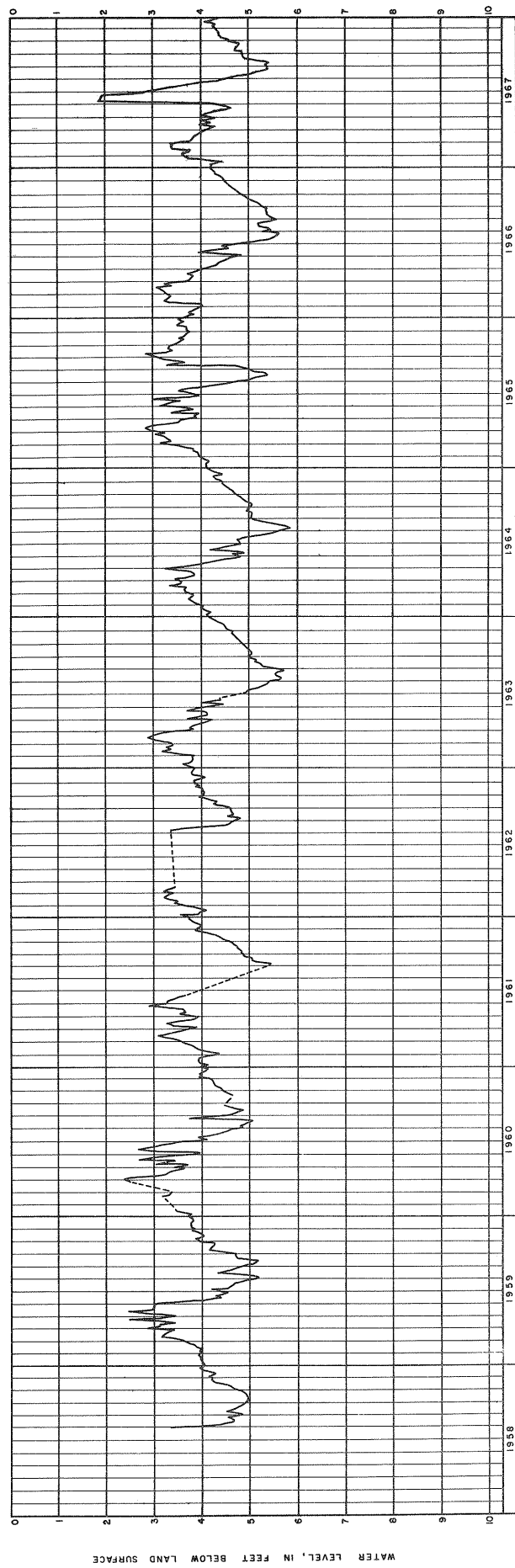
HYDROGRAPH OF WELL ION-6E-36CDD, LANCASTER COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



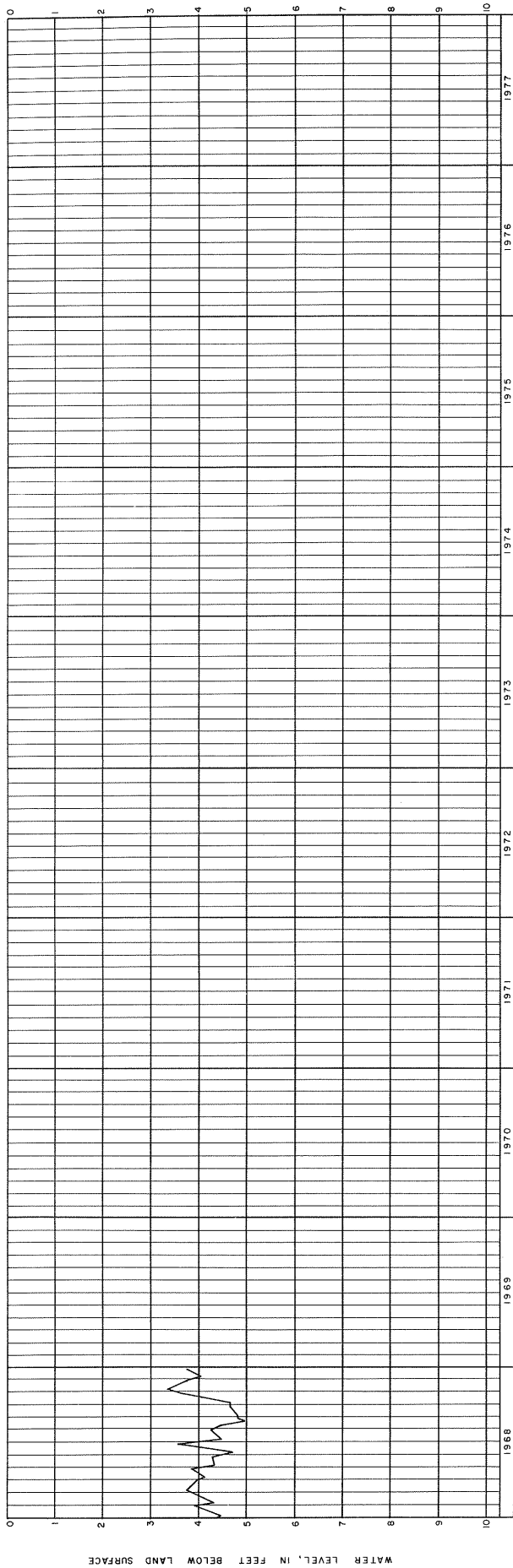
MERRICK COUNTY

CHAPMAN RECORDER WELL

HYDROGRAPH OF WELL ION-9W-36BCI, MERRICK COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



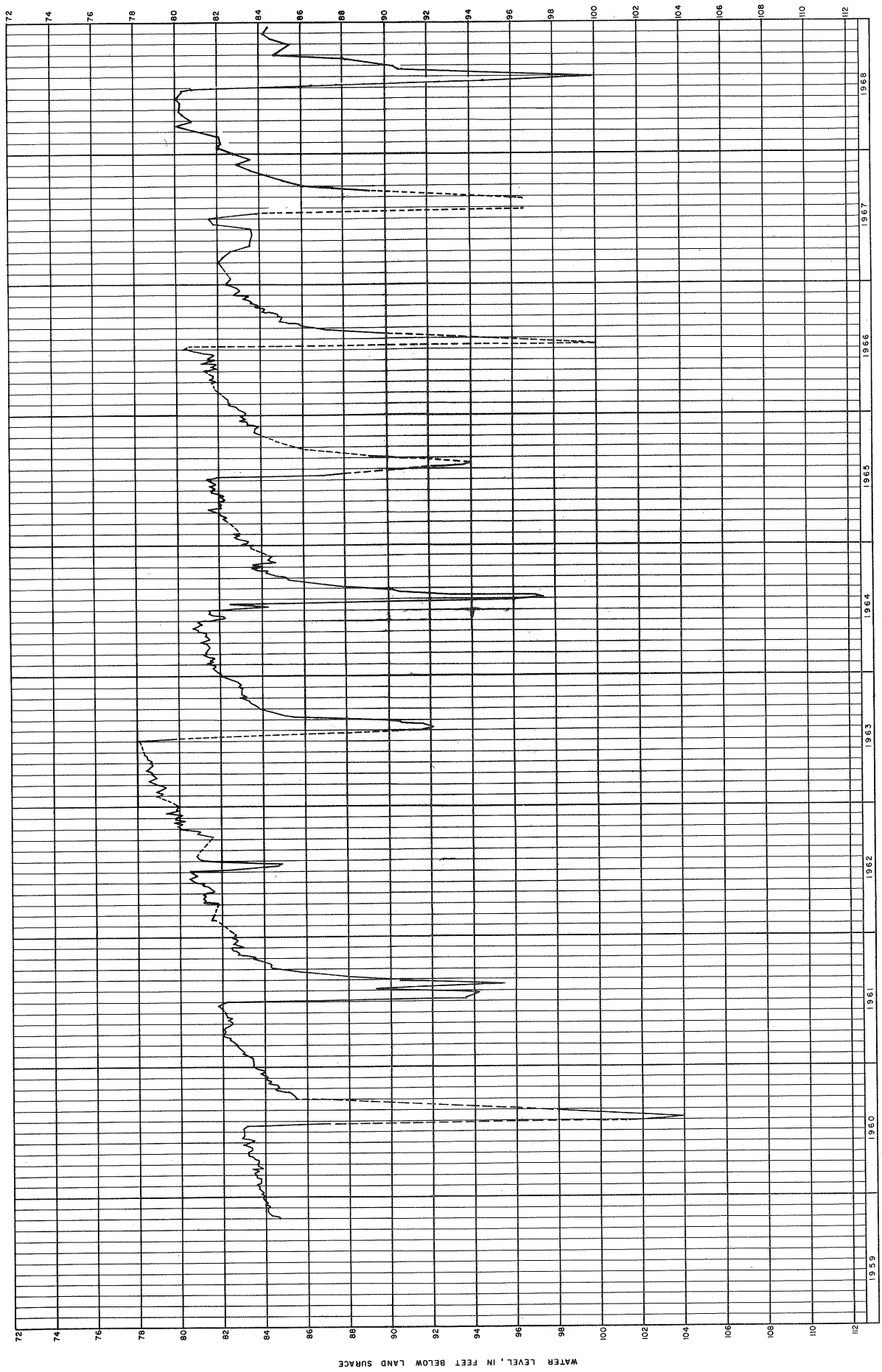
MERRICK COUNTY  
CHAPMAN RECORDER WELL  
HYDROGRAPH OF WELL 12N-8W-366C, MERRICK COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



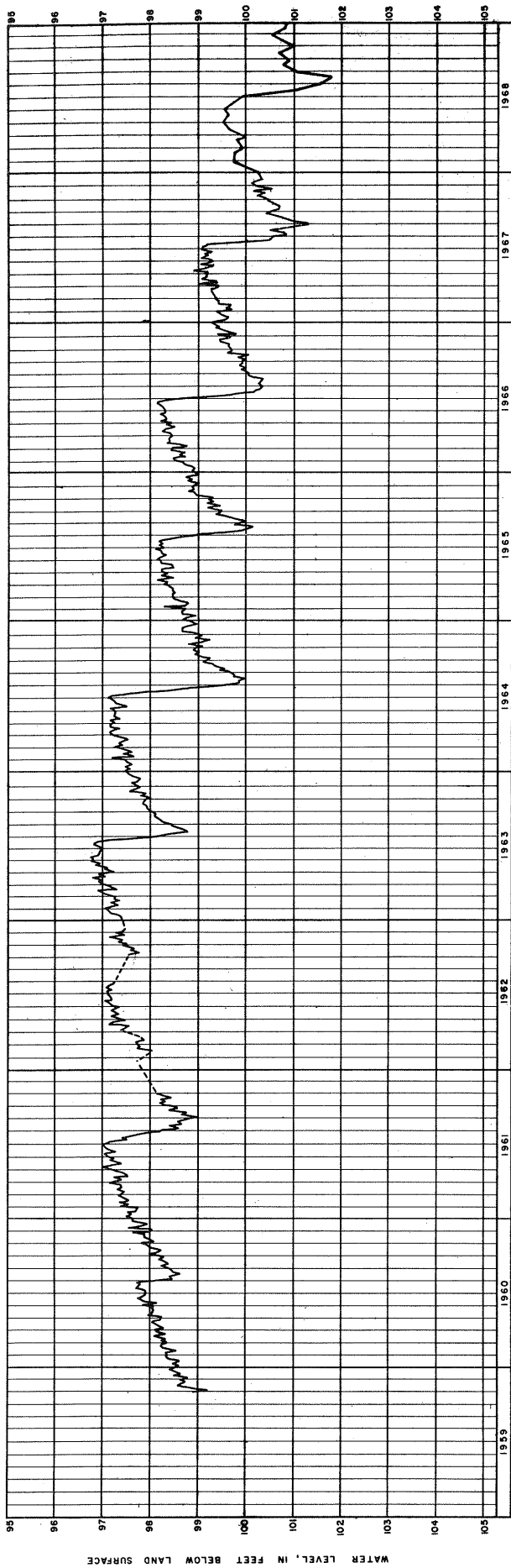
OSCEOLA RECORDER WELL  
HYDROGRAPH OF WELL 14N-2W-21DB, POLK COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

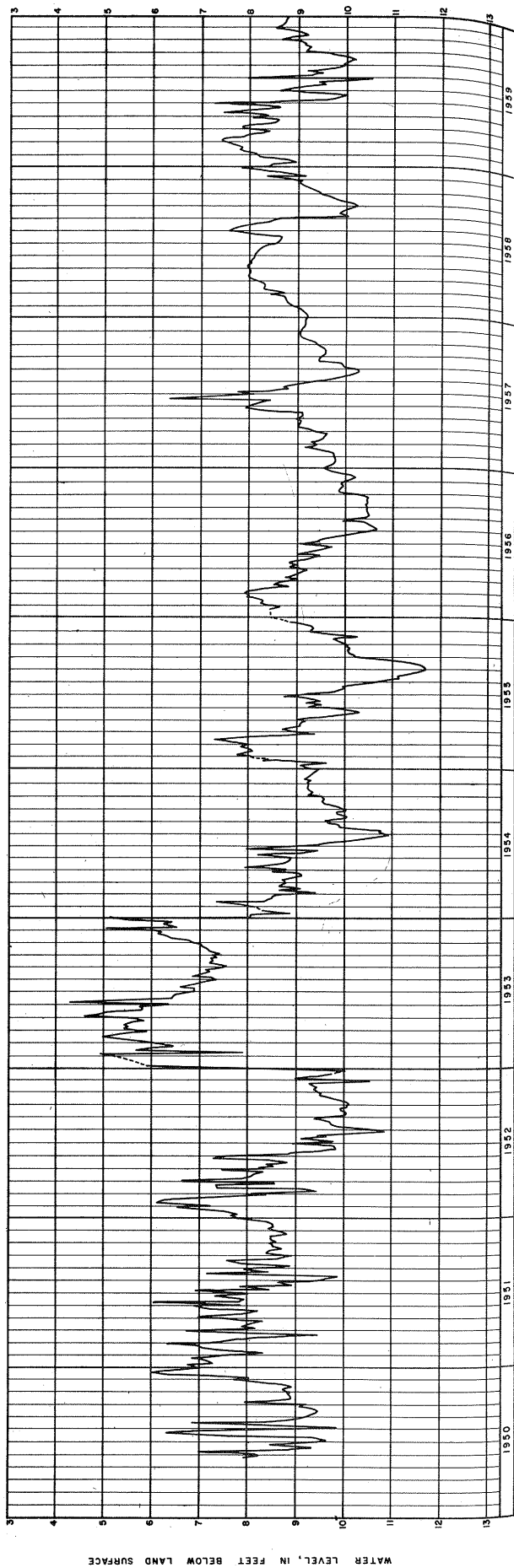
POLK COUNTY



**SALINE COUNTY**  
**DORCHESTER RECORDER WELL**  
 HYDROGRAPH OF WELL 8N-3E-18ADA, SALINE COUNTY  
 PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

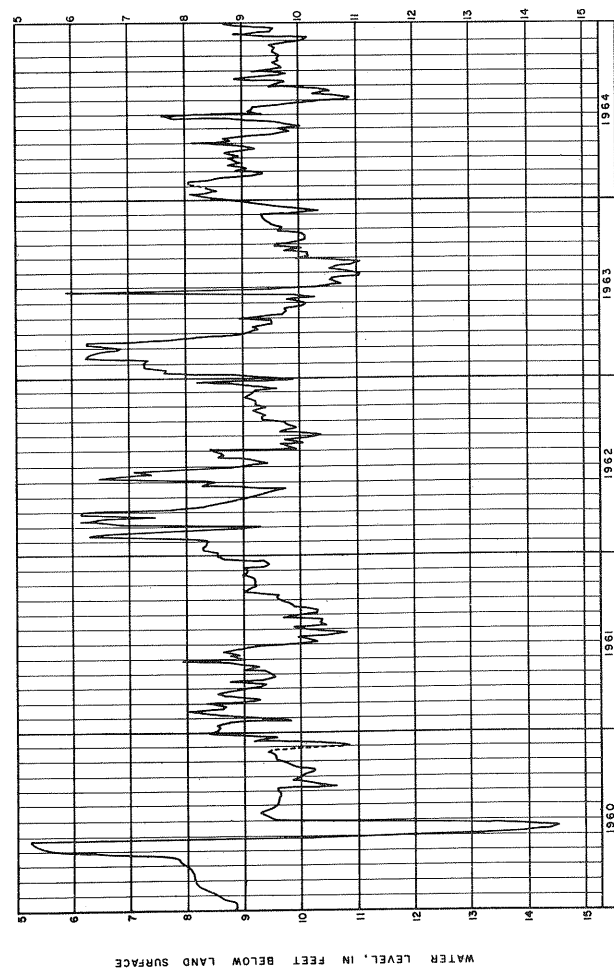
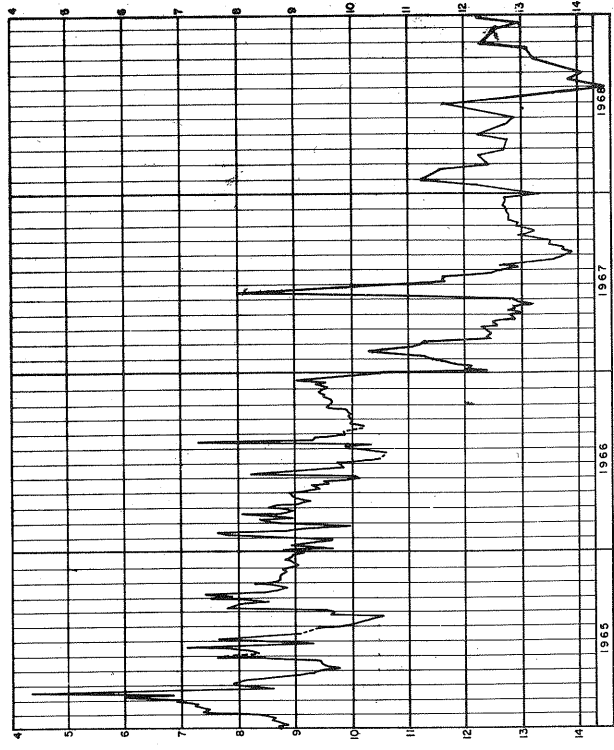


**SAUNDERS COUNTY**  
**ASHLAND RECORDER WELL**  
 HYDROGRAPH OF WELL 13N-10E-30AD, SAUNDERS COUNTY  
 PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



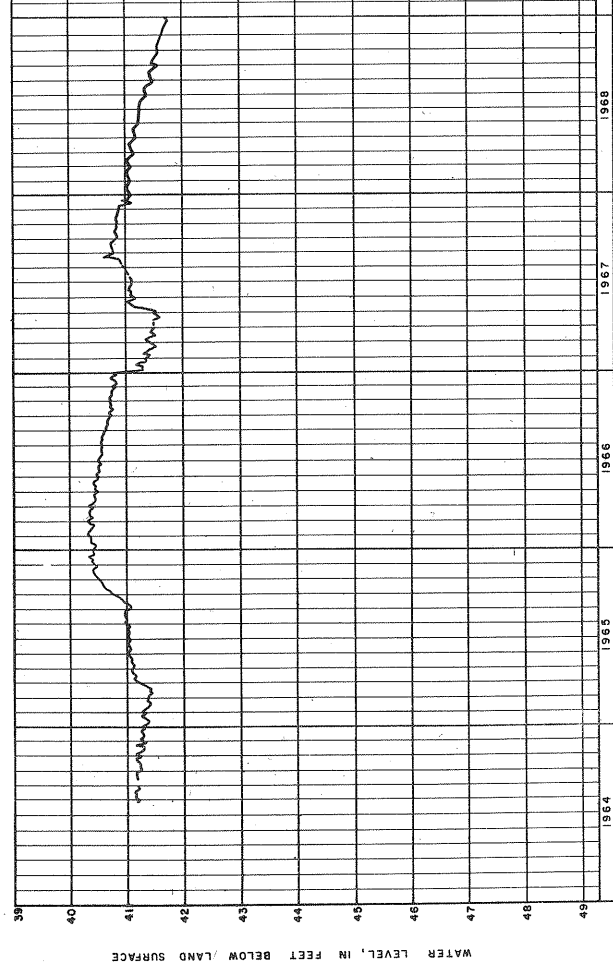
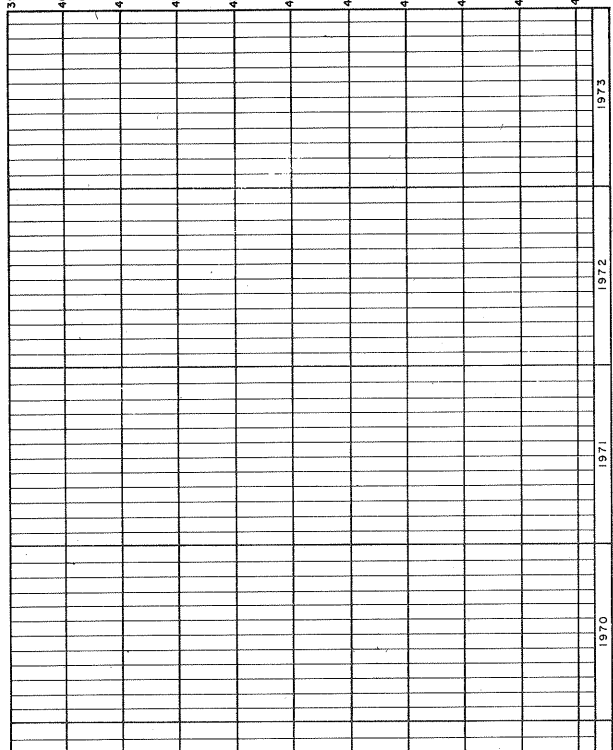
**ASHLAND RECORDER WELL**

HYDROGRAPH OF WELL 13N-10E-30AD, SAUNDERS COUNTY  
 PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



**MEADE RECORDER WELL**

HYDROGRAPH OF WELL 14N-8E-24ACD, SAUNDERS COUNTY  
 PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



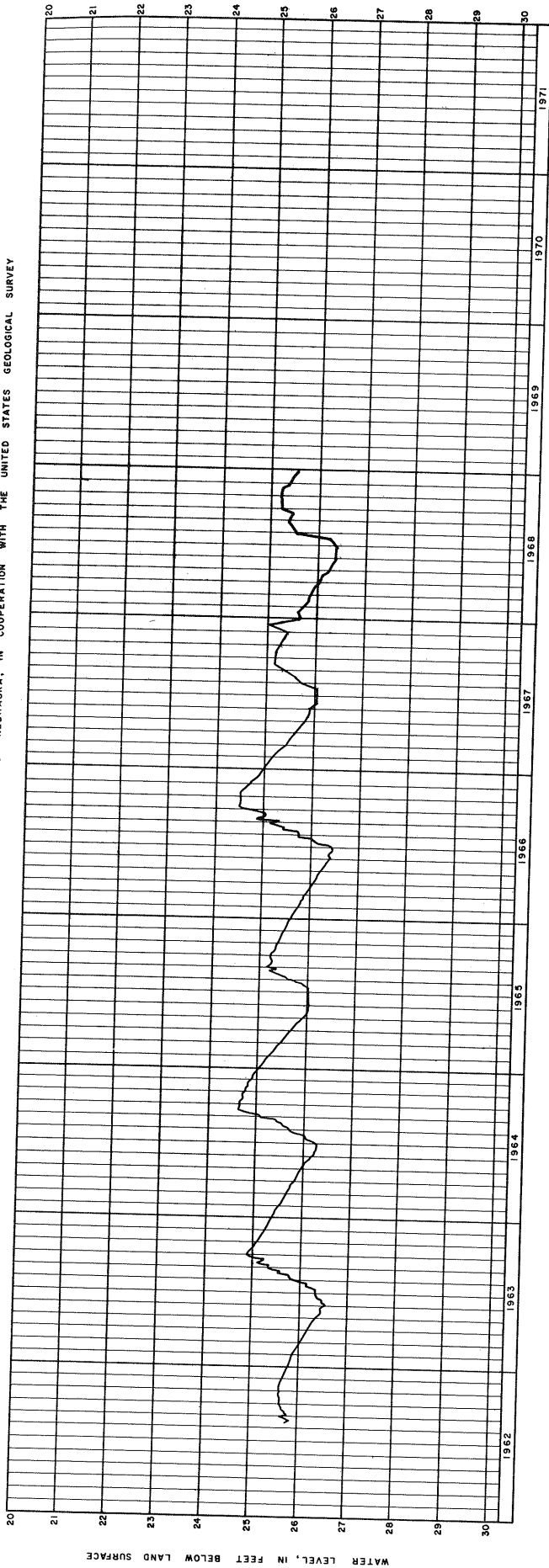
**SAUNDERS COUNTY**

**SAUNDERS COUNTY**

SCOTTS BLUFF COUNTY

SCOTTSBLUFF RECORDER WELL  
HYDROGRAPH OF WELL 22N-55W-11DC, SCOTTS BLUFF COUNTY

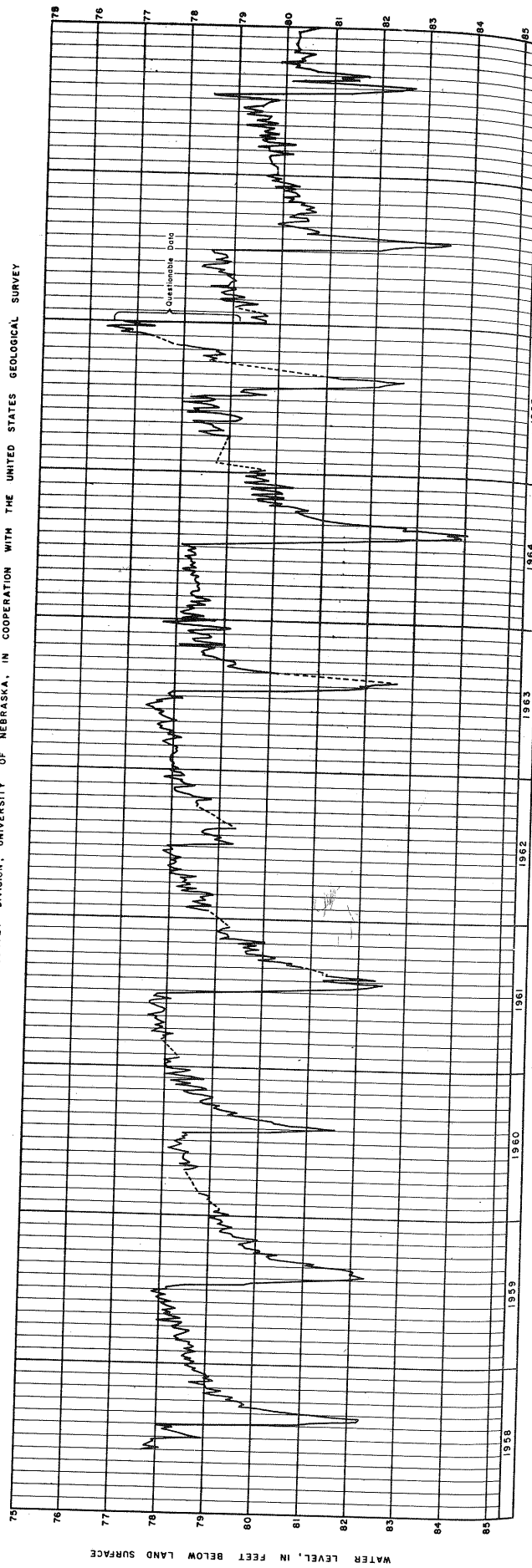
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SEWARD COUNTY

SEWARD RECORDER WELL  
HYDROGRAPH OF WELL 11N-2E-21DD, SEWARD COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

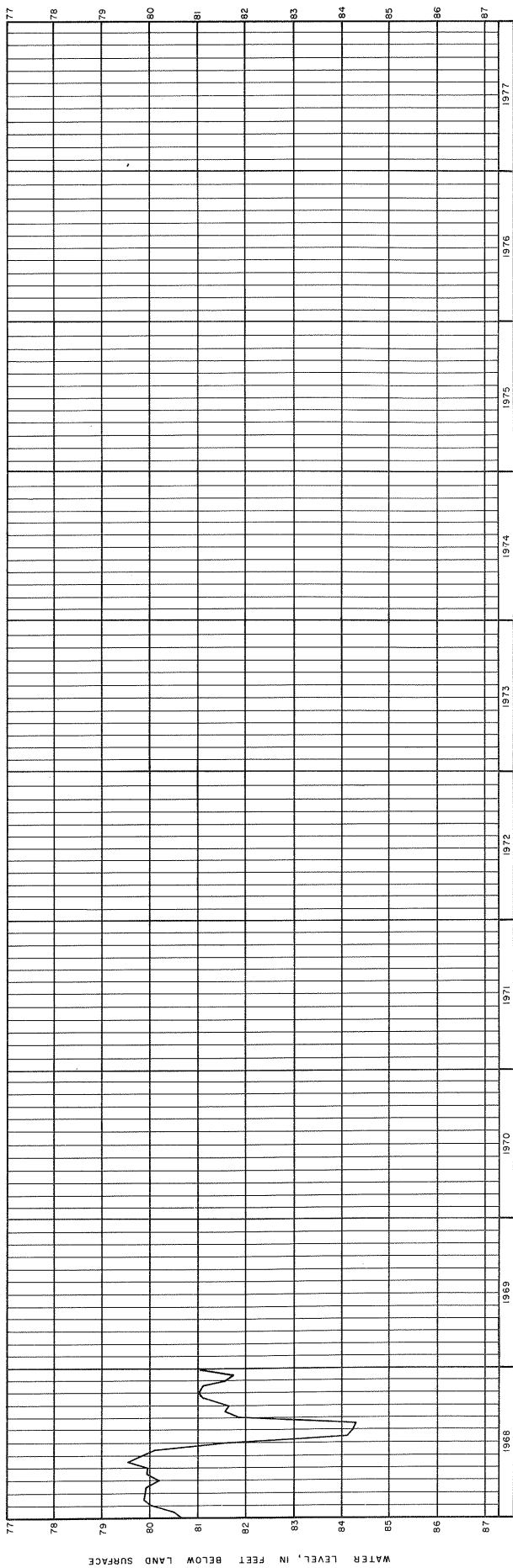




SEWARD COUNTY

SEWARD RECORDER WELL

HYDROGRAPH OF WELL IIN-2E-2IDD, SEWARD COUNTY  
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY

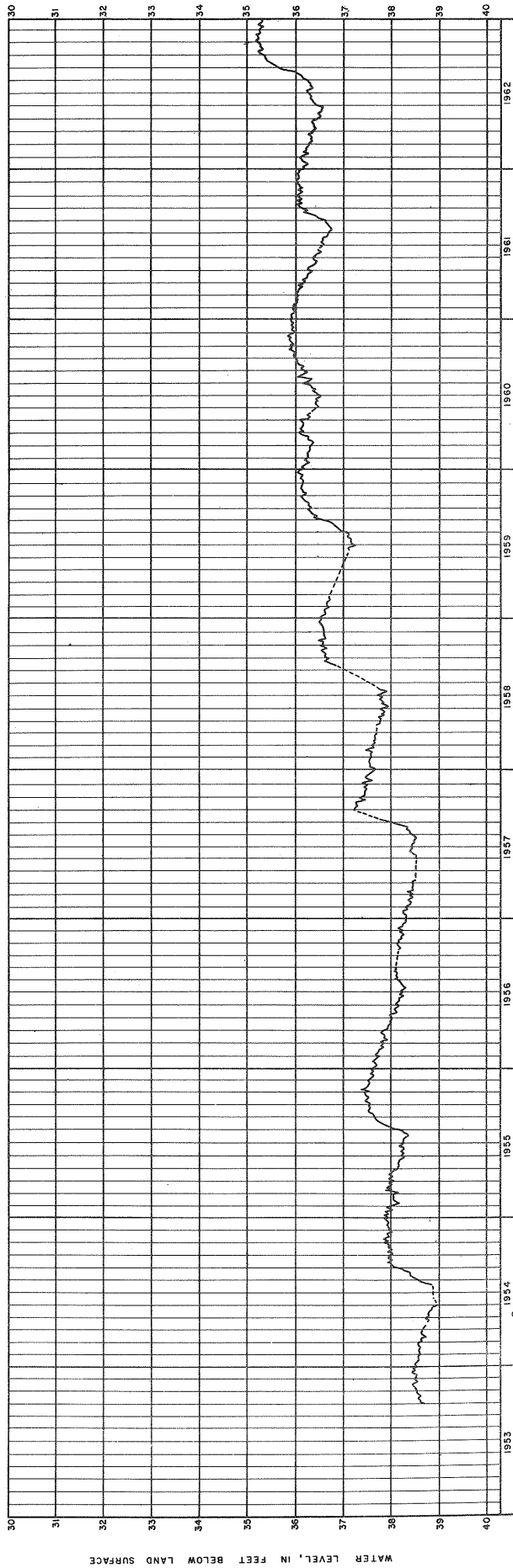


SHERIDAN COUNTY

MIRAGE FLATS RECORDER WELL

HYDROGRAPH OF WELL 29N-48W-10AA, SHERIDAN COUNTY

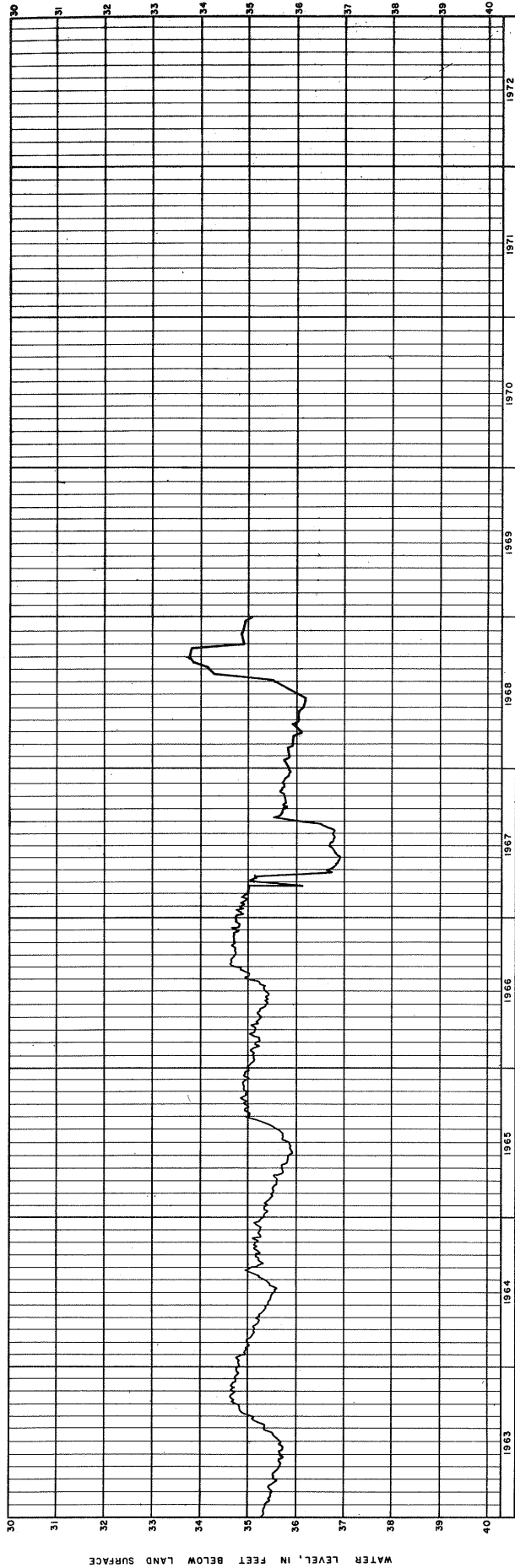
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



SHERIDAN COUNTY

MIRAGE FLATS RECORDER WELL  
HYDROGRAPH OF WELL 29N-46W-10AA, SHERIDAN COUNTY

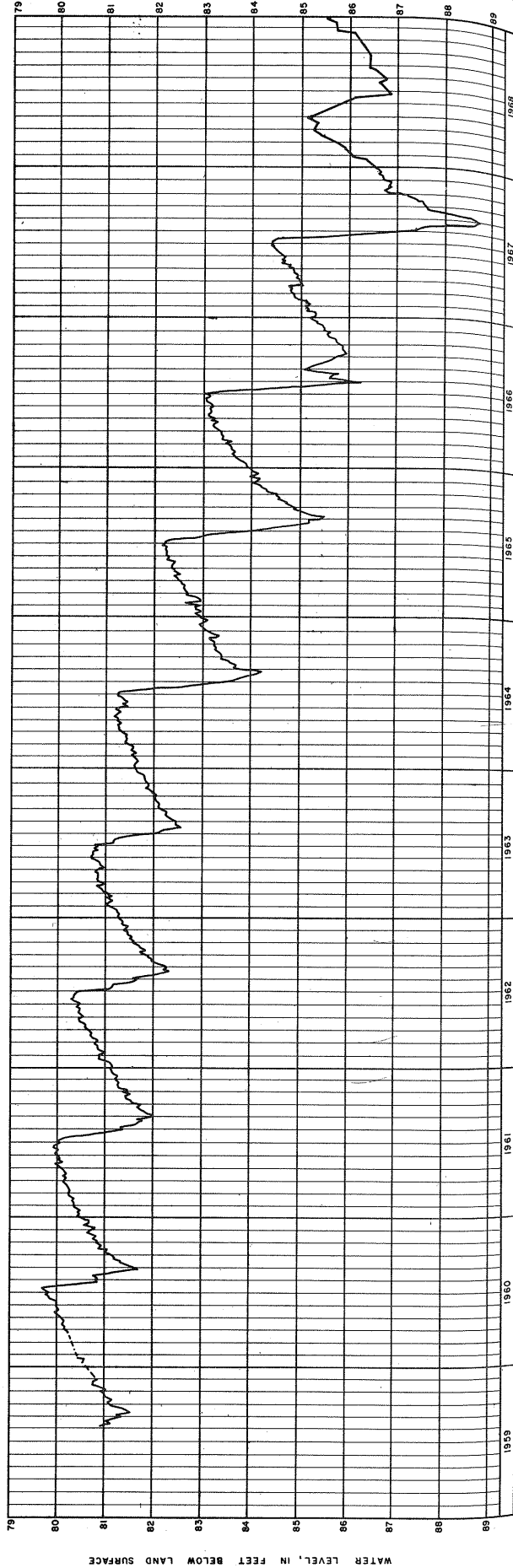
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YORK COUNTY

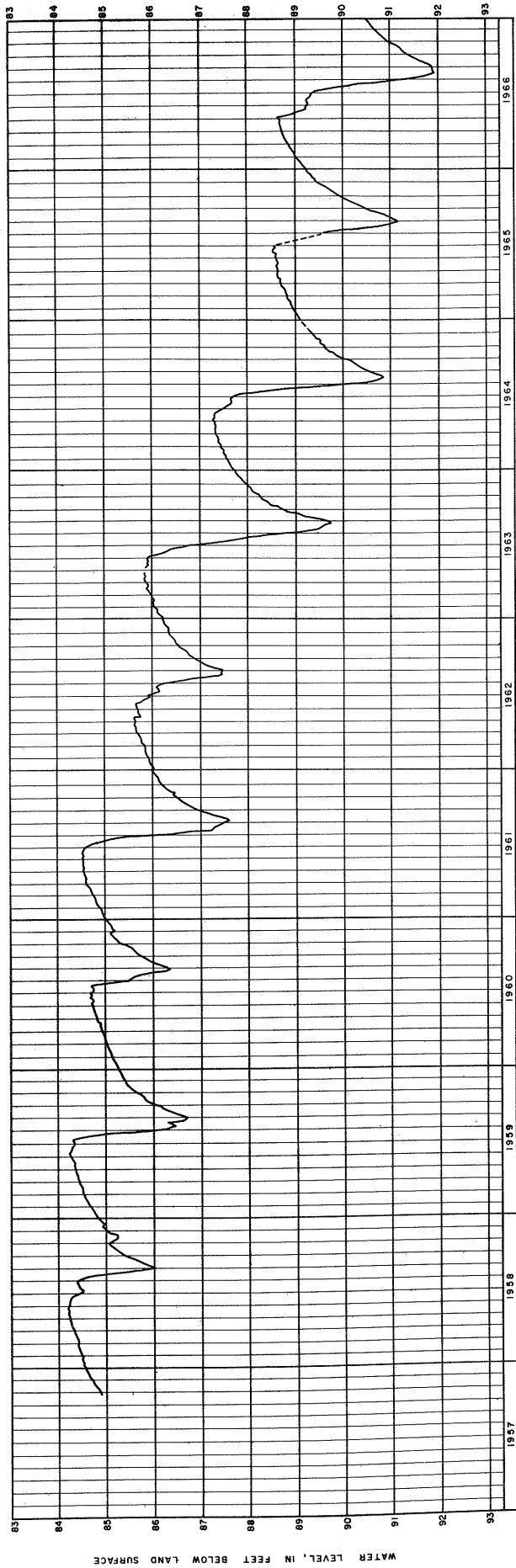
HENDERSON RECORDER WELL  
HYDROGRAPH OF WELL 9N-4W-6DD, YORK COUNTY

PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



YORK COUNTY

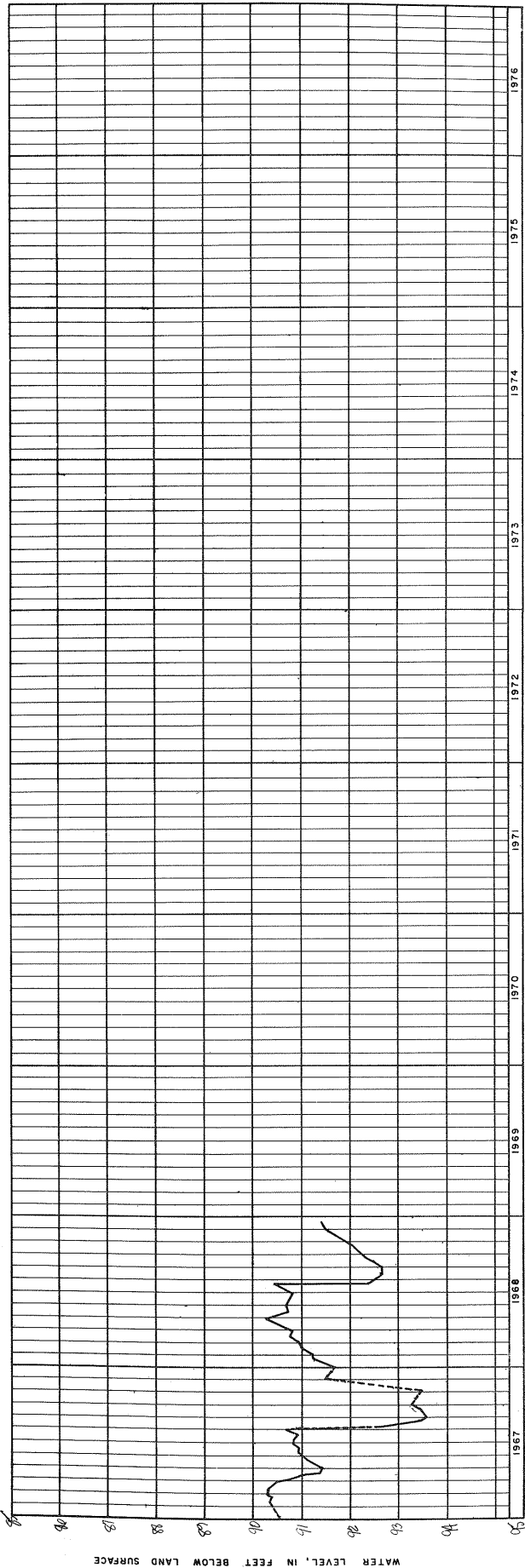
PREPARED BY THE CONSERVATION & SURVEY DIVISION, UNIVERSITY OF NEBRASKA, IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY



WATER LEVEL, IN FEET BELOW LAND SURFACE

YORK COUNTY

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WATER LEVEL, IN FEET BELOW LAND SURFACE