

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
GROUND WATER BRANCH

RECORDS OF WELLS AND WATER-LEVEL FLUCTUATIONS,
IN THE ABERDEEN-SPRINGFIELD AREA, BINGHAM AND
POWER COUNTIES, IDAHO IN 1956

By

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Open-file Report

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INTRODUCTION

This is the fifth in an annual series of reports^{1/} covering water-level fluctuations in the Aberdeen-Springfield area in Bingham and Power counties, Idaho. It contains records of observation wells and water-level fluctuations for the calendar year 1956.

Systematic depth-to-water measurements were made in 25 wells; in addition recording gages were maintained on 6 wells. The main observation-well network lies along American Falls Reservoir between the village of Thomas and the town of American Falls, and is bounded on the west by the Aberdeen-Springfield highline canal and on the east by the American Falls Reservoir (fig. 1). Three recording gages are located north of American Falls Reservoir in Bingham County and three are located south of American Falls Reservoir in Power County.

^{1/} Shuter, Eugene, 1953, Records of wells and water-level fluctuations in western Bingham County, Idaho: U. S. Geol. Survey mimeo. report, 97 p., 1 fig., 1 pl.

Sisco, Harold G., 1954, Records of wells, water-level fluctuations, and ground-water withdrawals in the Aberdeen-Springfield area, Bingham and Power counties, Idaho: U. S. Geol. Survey mimeo. report, 50 p., 1 fig., 1 pl.

Sisco, Harold G., 1955, Records of wells and water-level fluctuations, in the Aberdeen-Springfield area, Bingham and Power counties, Idaho: U. S. Geol. Survey mimeo. report, 30 p., 3 fig., 1 pl.

Sisco, Harold G., 1956, Water levels in observation wells in the Aberdeen-Springfield area, Bingham and Power counties, Idaho, in 1955.

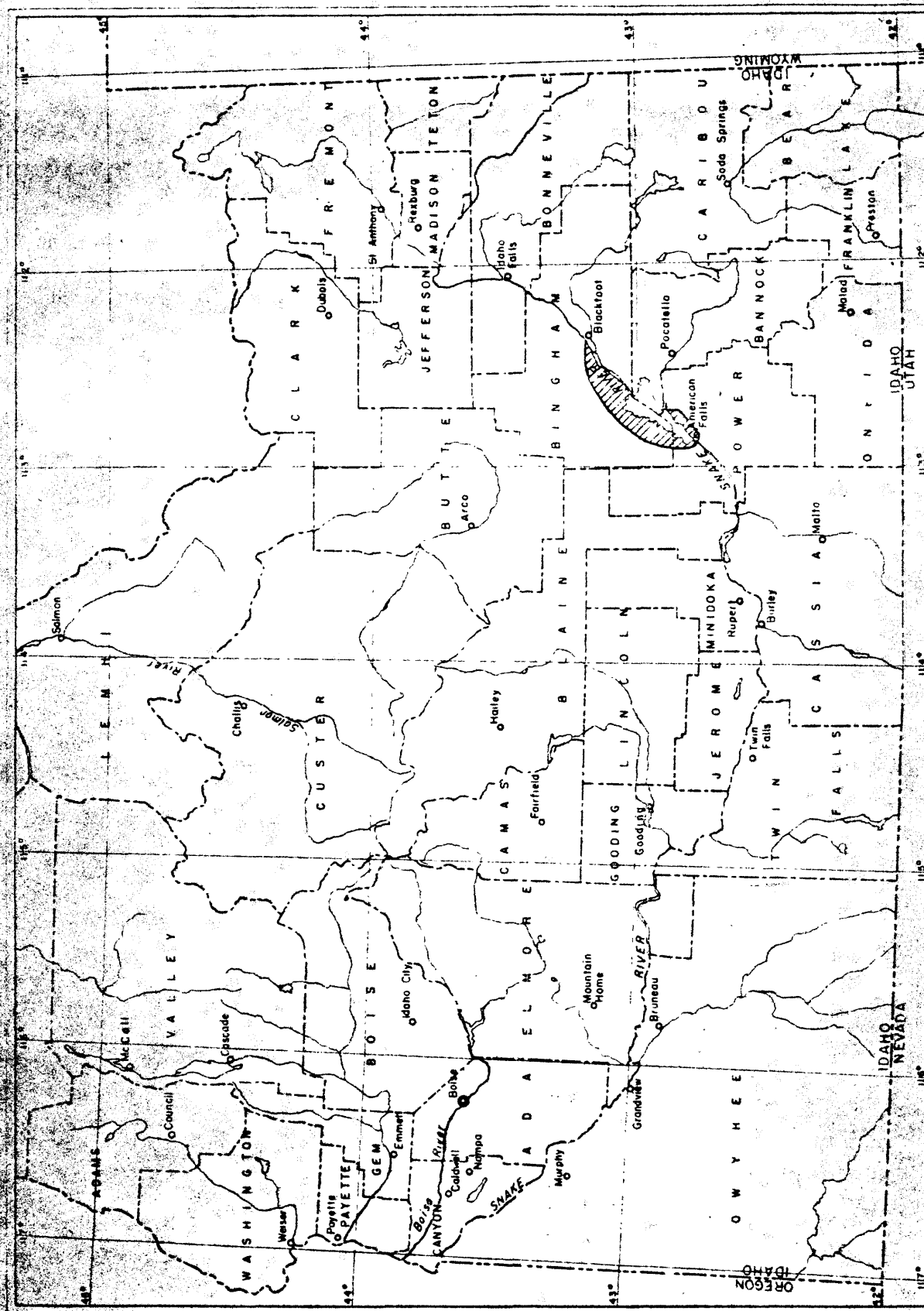
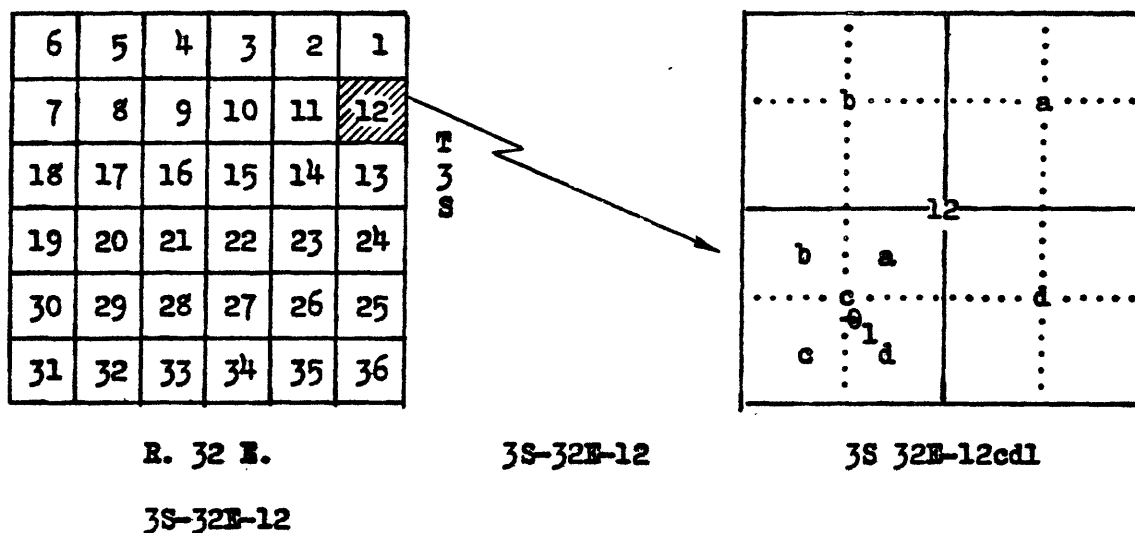


Figure 1. Index map of southern Idaho showing area covered by this report

WELL-NUMBERING SYSTEM

The well-numbering system used in Idaho indicates the locations of wells within the official rectangular subdivisions of the public lands, with reference to the Boise base line and meridian. The first two segments of a number designate the township and range. The third segment gives the section and is followed by two letters and a numeral, which indicate the quarter-section, the 40-acre tract, and the serial number of the well within the tract. Quarter sections are lettered a, b, c and d in counterclockwise order, from the northeast quarter of each section (see diagram). Within the quarter sections 40-acre tracts are lettered in the same manner. Well 3S-32E-12cd1 is in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 3 S., R. 32 E., and is the well first visited in that tract.



RECORDS OF OBSERVATION WELLS

Table 1 contains information about the locations, ownership, type, depth, and use of the observation wells. The relation of the measuring point to the land-surface datum is given in the table. The two terms are defined as follows:

Land-surface datum.--At the time a measuring point is established for a well, the distance of the measuring point, in feet above or below the general natural land surface at the site, is measured. This natural land surface is designated as a land-surface datum. The land surface may change thereafter, from natural causes or by artificial excavation or fill, but the designated land-surface datum remains unchanged and water levels continue to be reported with reference to that datum.

Measuring point.--A measuring point is a well-defined, fixed point over a well, such as the top of the casing or the base of a pump, from which measurements of the depth to water can be made conveniently.

Table 1.—Records of observation wells in

Abbreviations:

Depth of well: R, reported depth below land surface; not verified by measurement.

Type of pump: J, jet; L, lift; N, no pump; T, shaft turbine.

Use of well: D, domestic; I, irrigation; O, observation; S, stock.

Well number	Owner	Year drilled	Depth in feet below land surface	Casing		Type of pump
				Diameter (inches)	Depth (feet)	
BINGHAM COUNTY						
2S-34E-33bb1	Fred Serr	1928	40	6	5	L
3S-33E-14bb1	F. J. Webb	1949	R 50	6	3	L
22cd1	G. R. Atwood	-	50	6	-	L
3S-34E-8ba1	Glen Crouch	1905	37	7	5	N
19cd1	Herb Strow	1937	R 55	6	-	L
4S-31E-22cd1	Sam Heany	-	59	6	-	N
36ba1	Eldridge (test well)	-	6	2	6	N
4S-32E-9da1	Bob Chandler	1921	105	6	105	J
12dd1	Robert Houghland	-	39	4	-	N
24cb1	Crystal Springs Trout Farm	-	9	6	-	L
28cc2	O. E. Nelson	1911	9	6	-	N
4S-33E-1ba1	Herbert Crumley	1940	47	6	6	L
15bb2	Art Van Orden	1951	48	16	-	T
22cb1	Josephine Shelman	1946	34	14	22	T
4S-34E-5cc1	U. S. Geological Survey	1955	30	6	31	N
5S-31E-4da1	Ernest Underwood	1950	81	8	8	J
19dd1	Don Dancliff	-	61	-	-	J
27ab1	H. L. Lowe	1920	46	16	20	N
33bd1	H. L. Lowe	1912	36	6	36	N
5S-31E-35aa1	Maril Beck	1912	61	6	10	L
5S-32E-6dd1	Dayton Martin	-	21	6	-	L
7cc1	Aberdeen Spring-field Canal Co.	-	4	2	4	N
6S-31E-7ba1	Airport	-	97	8	-	T
11ba1	Ed Phillips	-	54	6	-	N
16ba1	Aberdeen Spring-field Canal Co.	-	134	12	-	N
30da1	Barthalama	-	78	7	-	L

western Bingham and Power Counties, Idaho

Conventions:

Depth to water: Measured depths to water are given
to the nearest tenth of a foot.

Use of well	Measuring point	
	Description	Distance above or below (-) land surface datum (ft.)
0	$\frac{1}{4}$ -in. tap hole in pump base	1.5
0	Hole in N side pump stand	1.6
S,0	Bottom of pump base	1.2
0	Top of casing, E side	0.2
0	Low place in casing	0.0
0	Top of casing, S side	0.5
0	Top of 2-in. pipe	1.2
D,0	Hole in casing	-5.1
0	Top of casing	0.5
0	do	0.3
0	Top of concrete	0.0
D,S,0	Edge of pump base, N side	-3.1
I,0	1-in. tap hole in pump base	1.0
I,0	Bottom hole in casing	0.0
0	Top of casing	2.2
0	Top of concrete floor NE side	-5.10
D,S,0	Edge of 2 x 6 plank, N side	0.5
0	Top inside edge of casing	0.5
0	Top of casing	0.5
S,0	Top of casing	0.9
0	Bottom edge of pump base	0.6
0	Top of drive pipe	0.8
0	Lower edge of pump base	0.5
0	Top of casing	-9.2
0	Top of concrete cribbing	0.0
0	Tap hole in pump base	0.5

Table 1.—Records of observation wells in western

Well number	Owner	Year drilled	Depth in feet below land surface	Casing		Type of pump
				Diameter (inches)	Depth (feet)	
POWER COUNTY						
5S-33E-35ccl	U. S. Geological Survey	1955	60	6	60	N
6S-32E-27adl	Mrs. Amelia Jack Tindore	1954	63	6	75	N
6S-33E-20abl	Edna LaVatta Kutch	-	151	5	-	N
7S-30E-12cal	Jess Meadows	-	-	6	-	J
7S-31E-13dcl	Paul Evans	1912	78	5½	-	N

Bingham and Power Counties, Idaho—Continued

Use of well	Measuring point	
	Description	Distance above or below (-) land surface datum (ft.)
0	Top of casing, N side	2.1
0	Top of casing, N side	2.3
0	Top of casing, S side	0.2
D,S,0	Top of casing, E side	-2.0
0	Top of casing, SW side	0.0

WATER LEVELS IN OBSERVATION WELLS

Depths to water tabulated at approximately monthly intervals represent direct measurements by steel tape. Tabulations of daily water levels represent noon daily readings from recording-gage charts. All measurements reported herein are in feet below the land-surface datum at the well site.

Long term records for two wells, 4S-32E-9del and 5S-31E-35aal, are illustrated by hydrographs in figures 2 and 3.

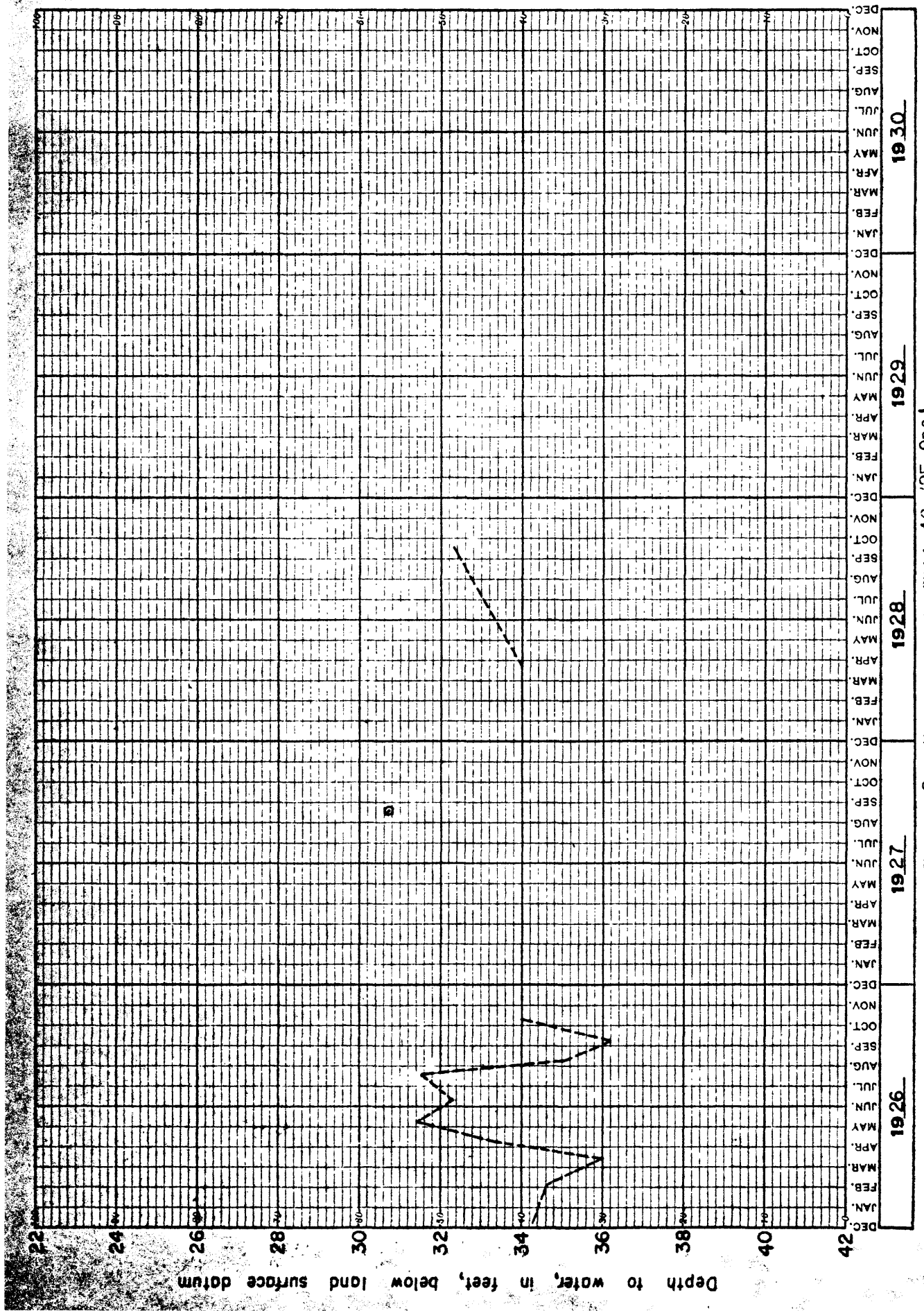


FIGURE 2. HYDROGRAPH OF WELL 4S-32E-9dc1

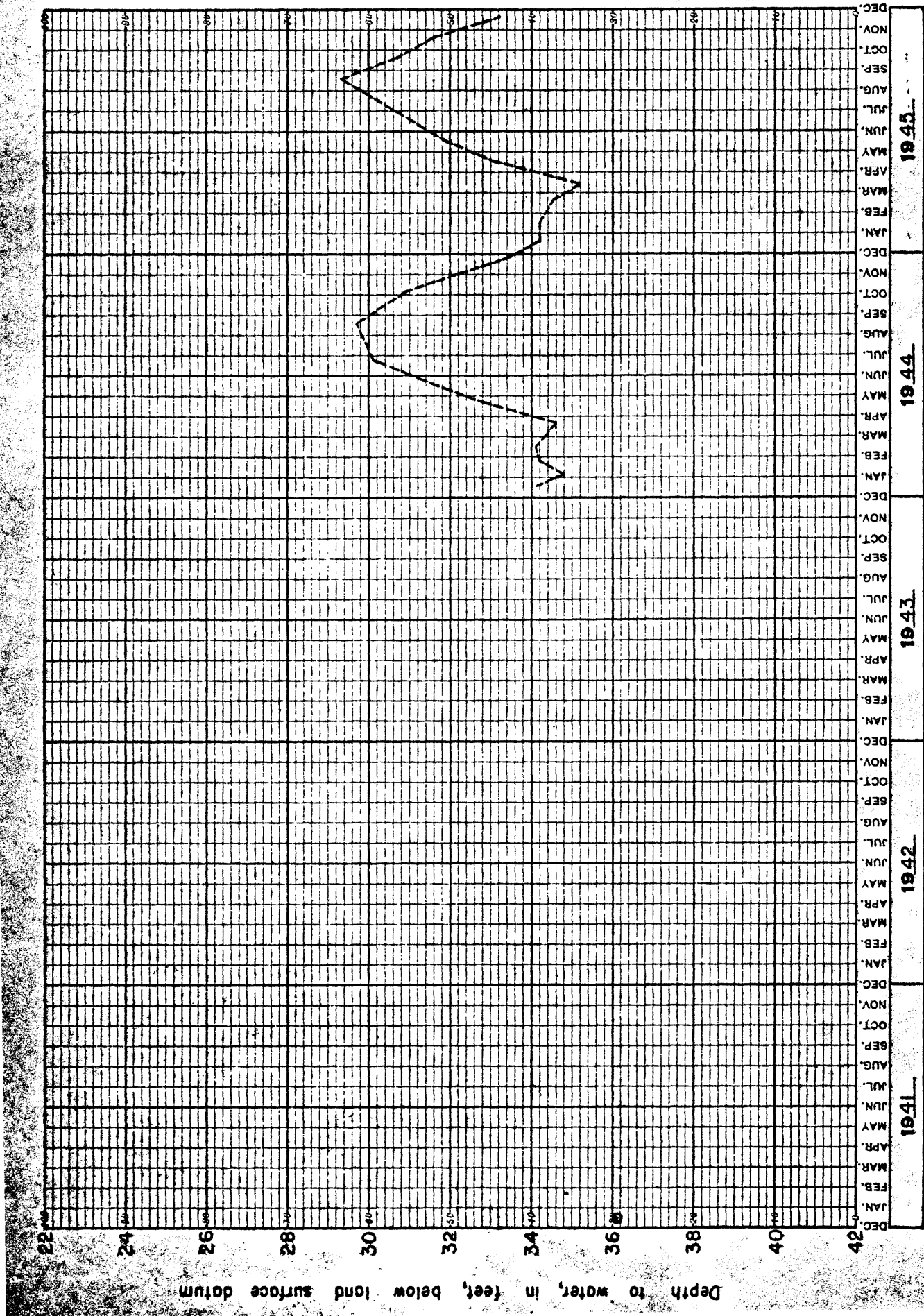


FIGURE 2.--HYDROGRAPH OF WELL 4S-32E-9DC1

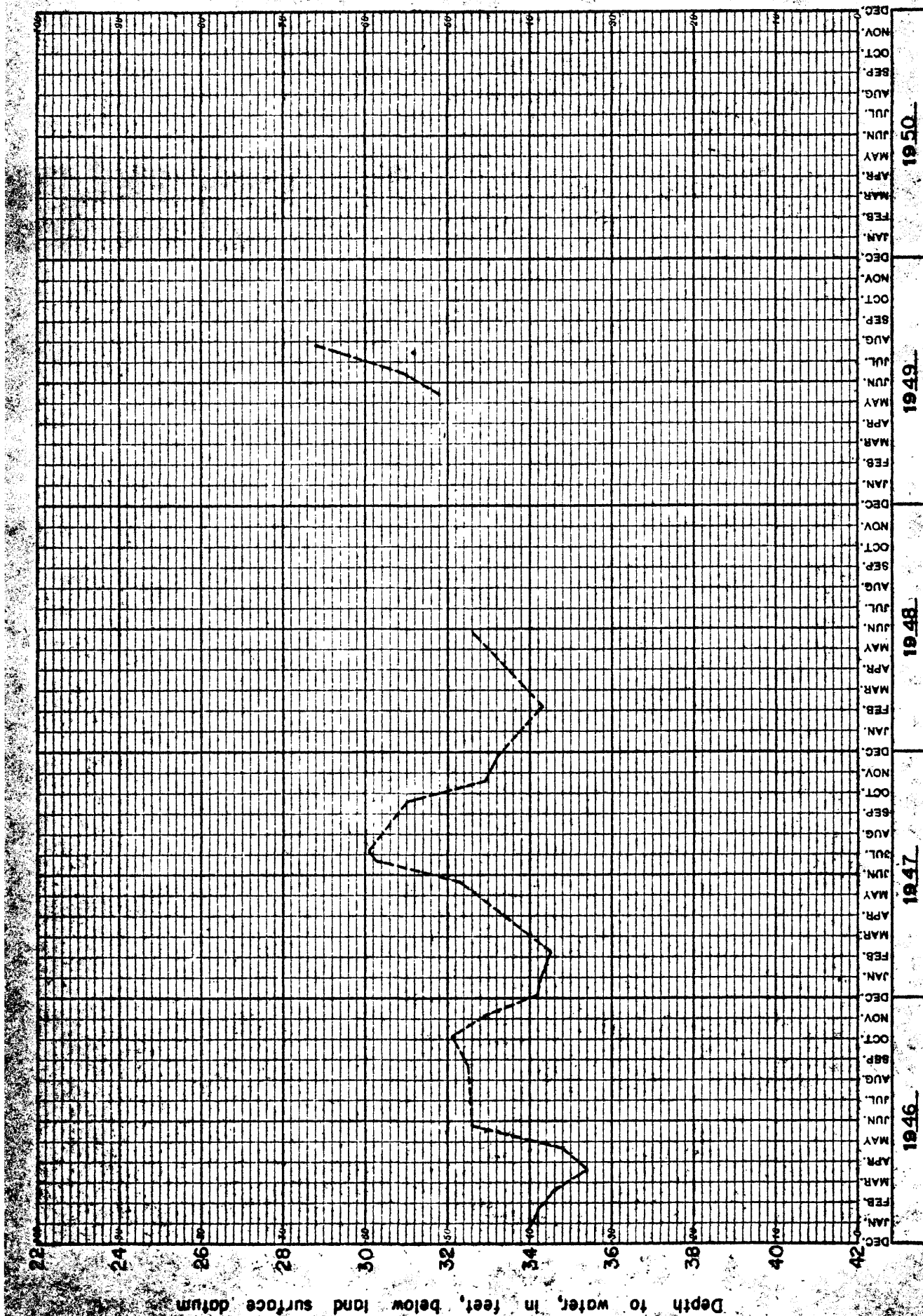


FIGURE 2.—HYDROGRAPH OF WELL 49-32E-90C

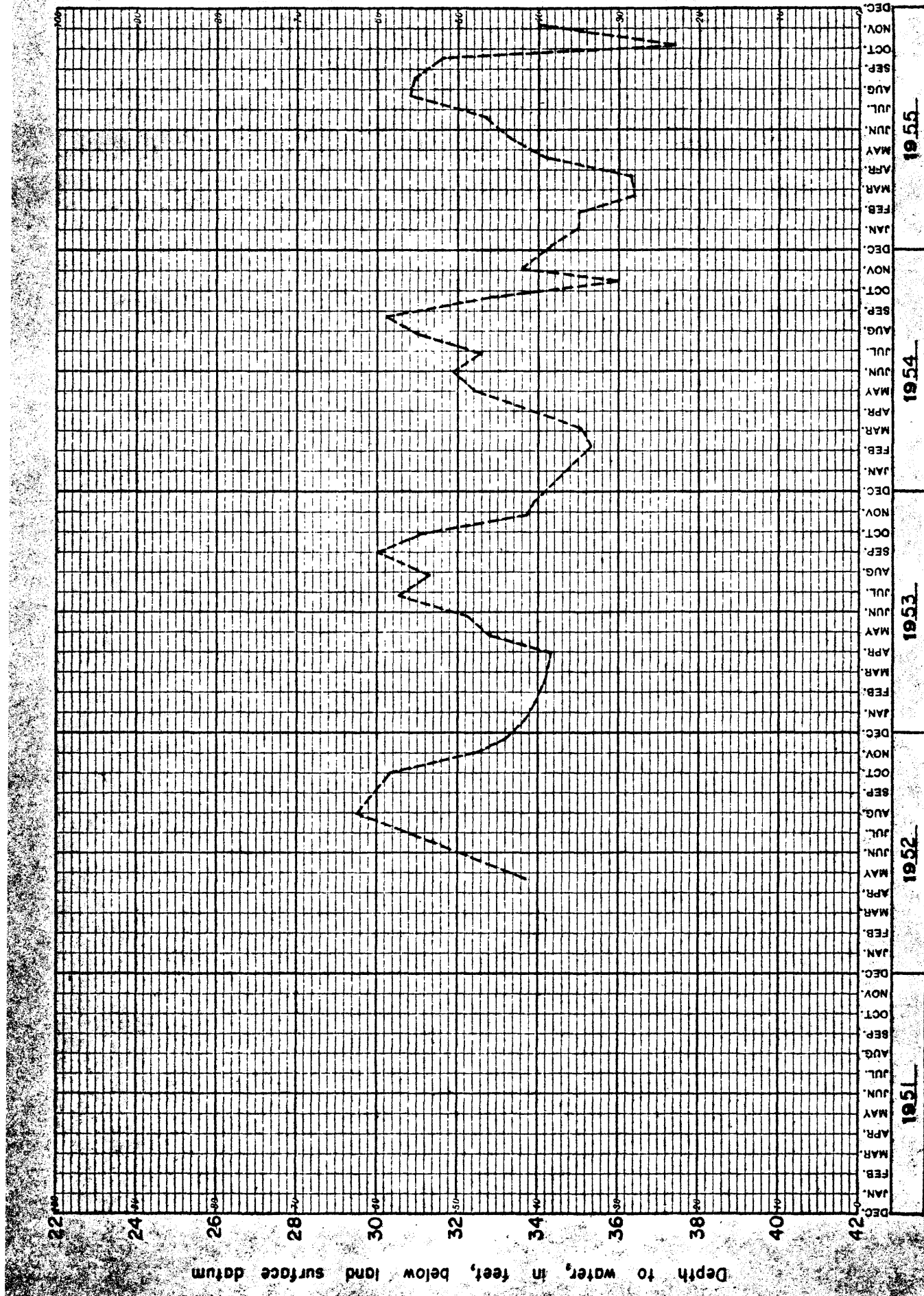


FIGURE 2.—HYDROGRAPH OF WELL 4S-32E-9DC1

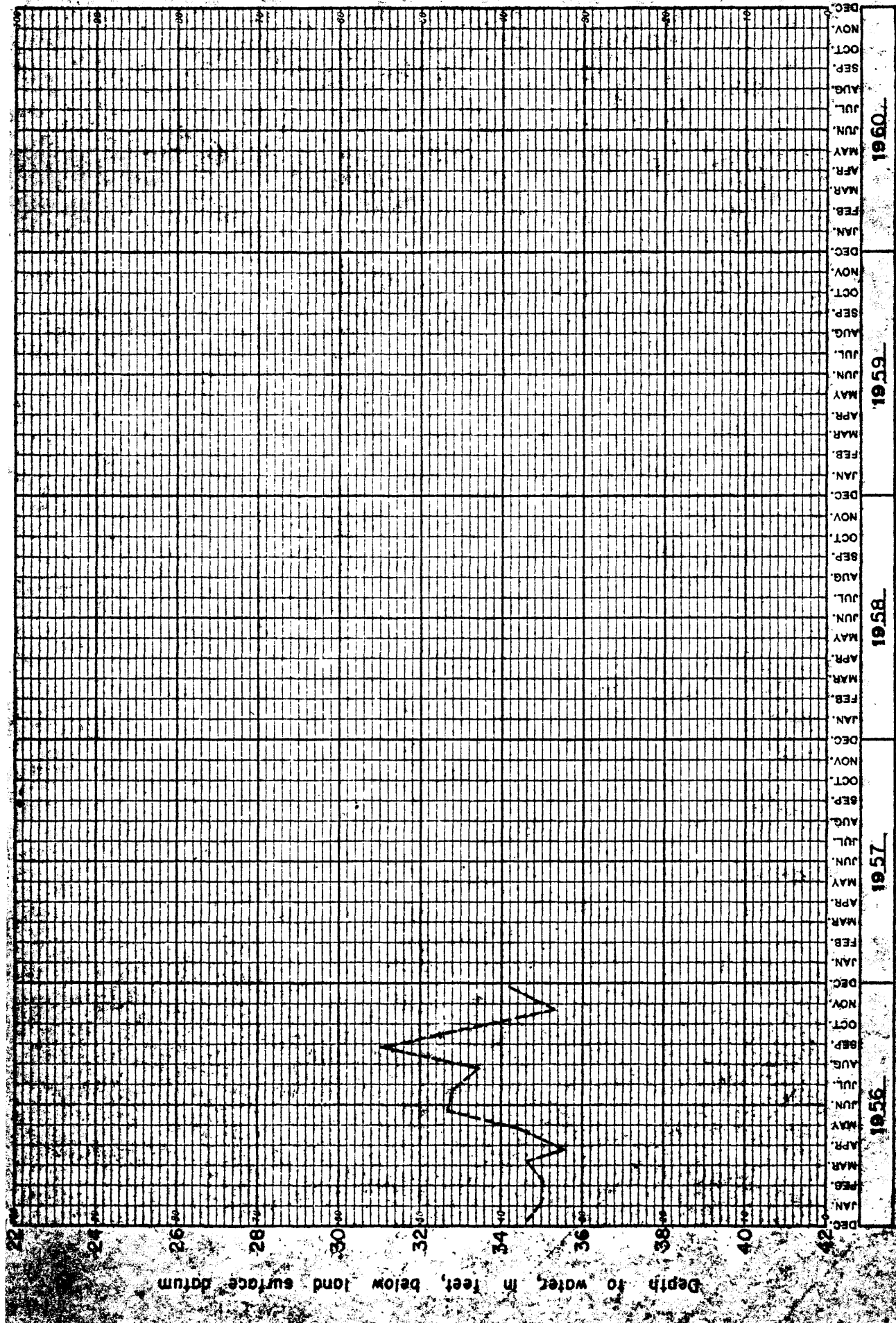


FIGURE 2.—HYDROGRAPH OF WELL 4S-32E-90c1

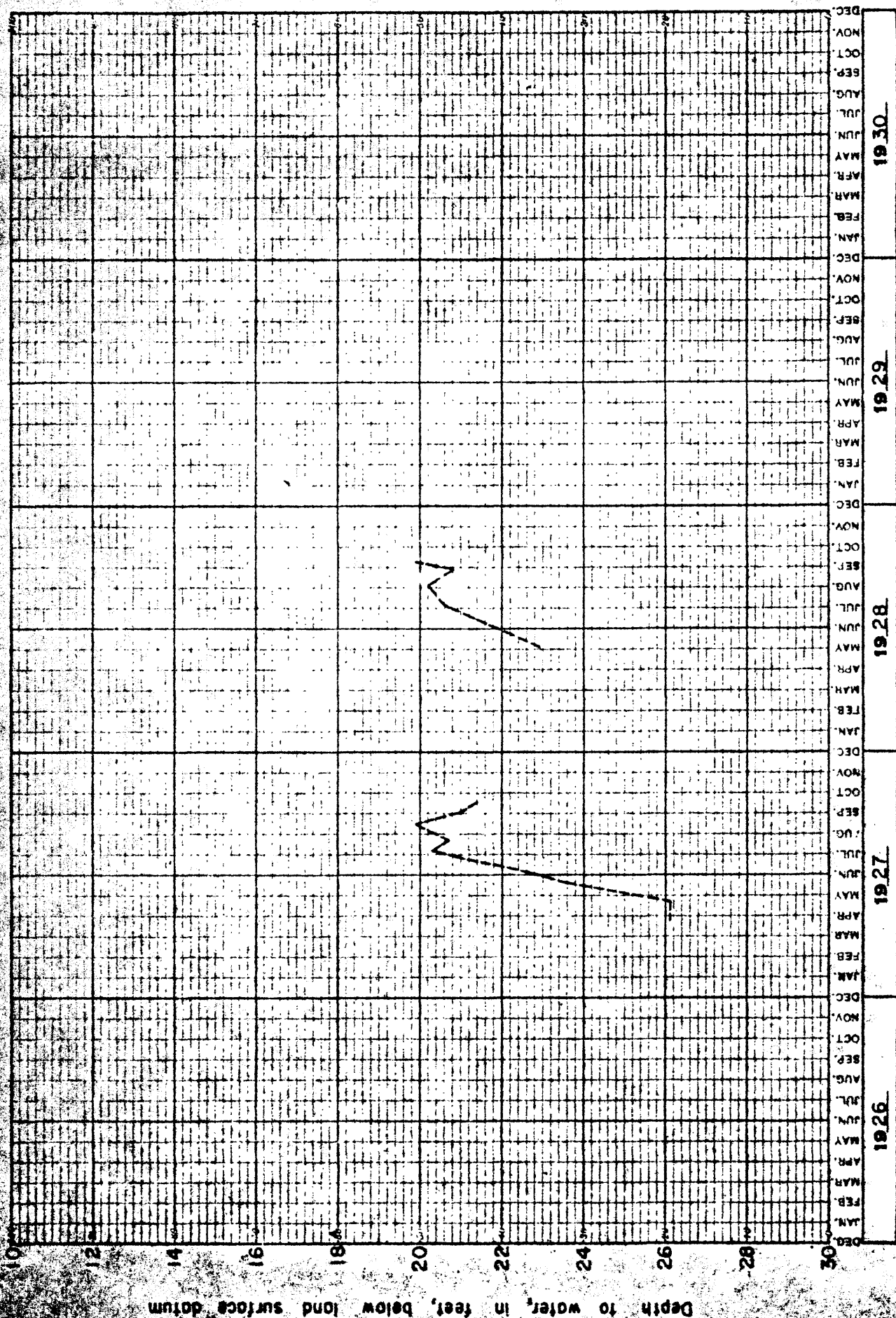


FIGURE 3.--HYDROGRAPH OF WELL 50-31E-35A-1

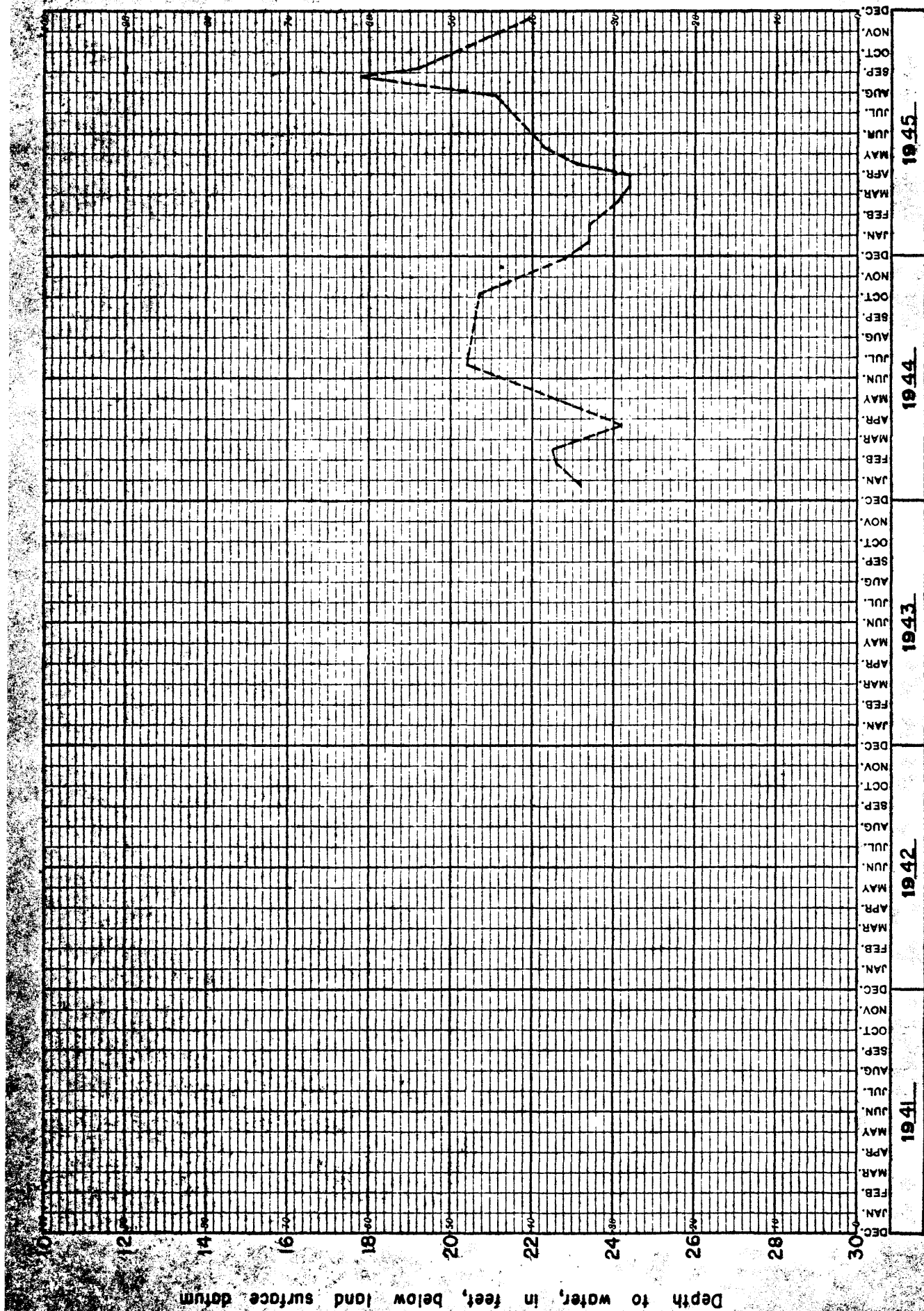


FIGURE 3.—HYDROGRAPH OF WELL 5S-31E-35AA1

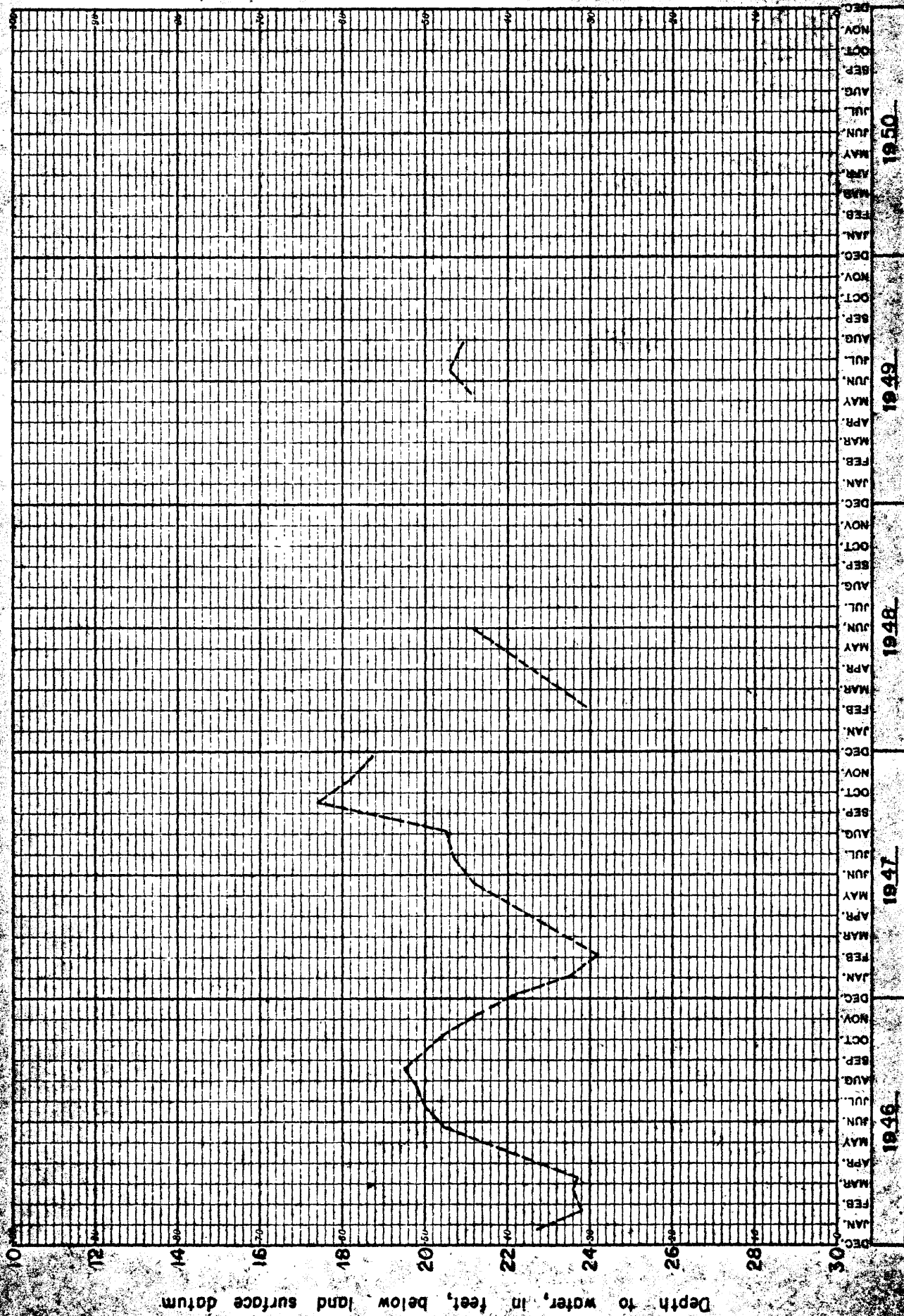


FIGURE 3.---HYDROGRAPH OF WELL 53-3 (E-35AA)

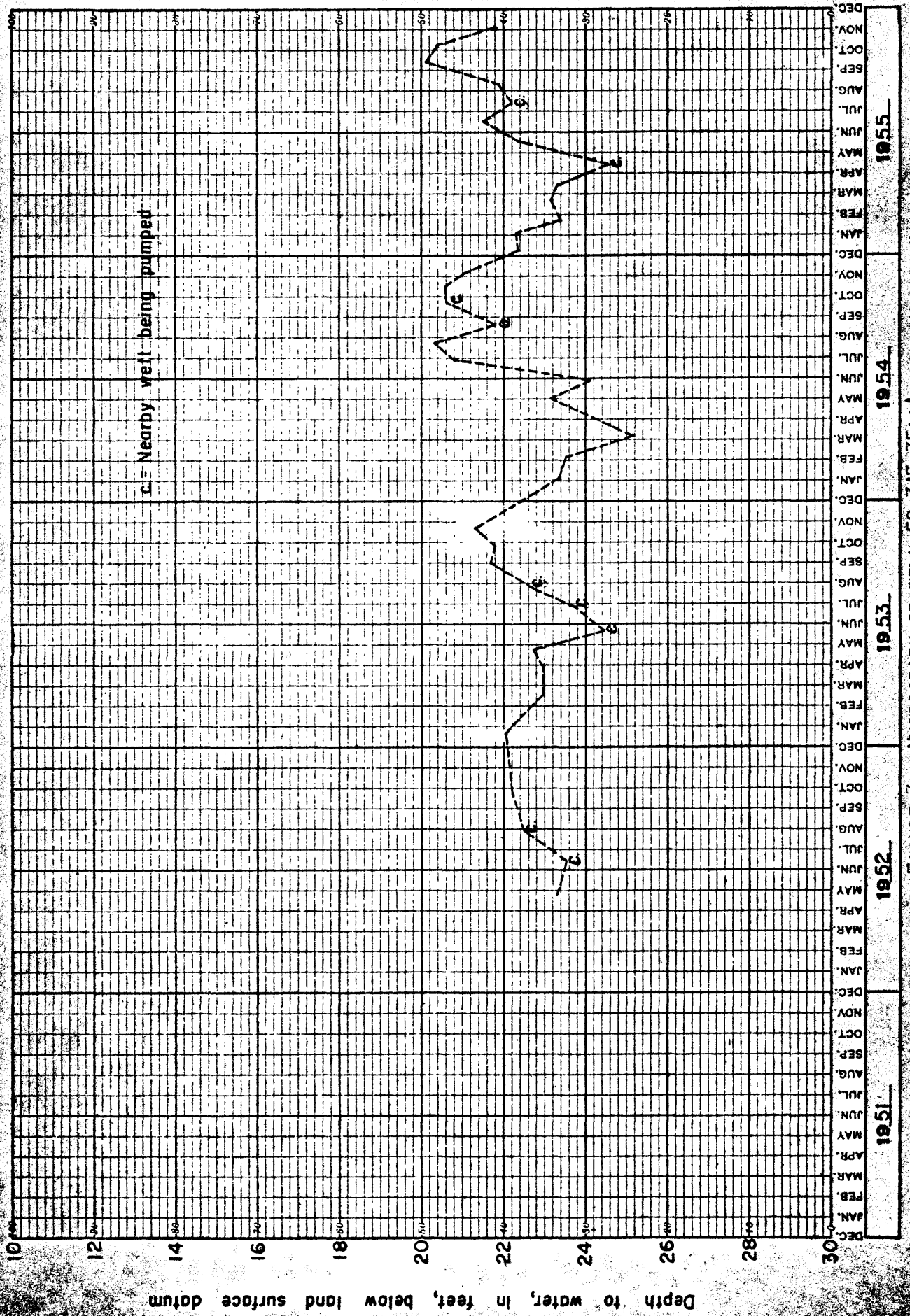


FIGURE 3.—HYDROGRAPH OF WELL 58-31E-35AA

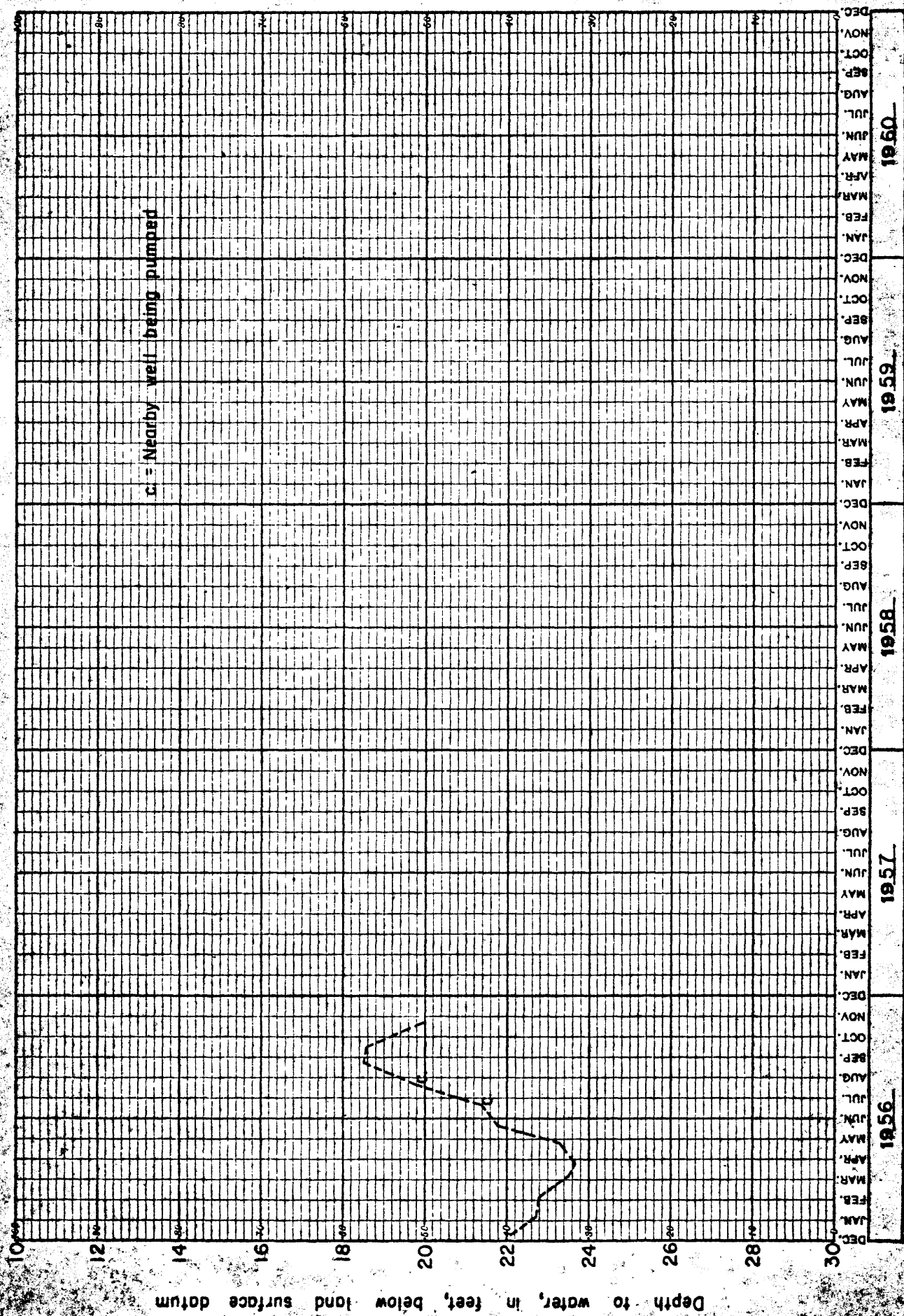


FIGURE 3.—HYDROGRAPH OF WELL 58-31E-36AA

Bingham County

2S-34E-33bb1. Fred Serr

Date	Water level	Date	Water level	Date	Water level
Jan. 11	30.4	May 25	28.1	Oct. 18	27.2
Feb. 8	30.9	June 22	26.7	Nov. 20	28.8
Mar. 8	31.0	July 24	25.8	Dec. 26	30.2
Apr. 4	31.2	Aug. 24	25.6		
26	31.1	Sept. 20	25.6		

3S-33E-14bb1. F. J. Webb

Jan. 11	39.8	May 25	38.9	Oct. 18	37.1
Feb. 8	38.8	June 22	38.0	Nov. 20	38.7
Mar. 8	40.2	July 24	37.0	Dec. 26	39.6
Apr. 4	40.5	Aug. 24	36.6		
26	40.4	Sept. 20	36.2		

3S-33E-22cd1. G. R. Atwood

Jan. 11	42.8	May 25	41.5	Oct. 18	39.5
Feb. 8	43.1	June 22	40.6	Nov. 20	42.5
Mar. 8	43.2	July 24	39.8	Dec. 26	42.5
Apr. 5	43.5	Aug. 24	40.5		
26	43.4	Sept. 20	38.7		

3S-34E-8bal. Glen Crouch

Day	January	February	March	April	May	June
1	24.7	25.4		25.7	26.1	20.5
2	24.8	25.5		25.8	26.0	20.6
3	24.9	25.5		26.0	26.0	20.4
4	24.7	25.4		26.0	25.8	20.2
5	24.7	25.3		25.9	25.8	20.5
6	24.8	25.3		26.1	25.6	20.5
7	24.8	25.3		26.0	25.3	20.6
8		25.6		26.1	25.2	20.5
9		25.6	25.5	26.2	25.1	20.4
10		25.5	25.6	26.0	24.7	20.2
11		25.4	25.7	25.9	24.5	20.2
12	25.0	25.3	25.7	26.1	24.2	20.2
13	24.9	25.3	25.5	26.0	23.8	20.0
14	25.0	25.4	25.7	26.1	23.6	19.8
15	24.9	25.4	25.8	26.1	23.5	19.8
16	24.8	25.5	25.8	26.1	23.3	19.9
17	25.0	25.4	25.8	26.2	23.1	19.7
18	25.1	25.5	25.8	26.2	22.9	19.6
19	25.0	25.6	25.7	26.2	22.6	19.3
20	25.0		25.7	26.2	22.3	19.2
21	25.0		25.8	26.2	22.2	19.3
22	25.0		25.8	26.2	22.2	19.3
23	24.9		25.9	26.1	22.1	19.2
24	25.1		25.9	26.0	21.8	19.0
25	25.0		25.8	26.1	21.8	19.1
26	25.0		25.8	25.9	21.5	19.3
27	25.0		26.0	26.0	21.2	19.5
28	25.2		26.0	26.1	20.9	19.5
29	25.2		26.0	26.1	20.8	19.5
30	25.2		25.8	26.0	20.7	19.6
31	25.3		25.7		20.6	

3S-34E-8bal--Continued

Day	July	August	September	October	November	December
1	19.4	17.2	18.2	18.4	21.5	23.7
2	19.3	17.2	18.0	18.4	21.8	23.7
3	19.4	17.4	18.1	18.4	21.8	23.6
4	19.1	17.3	18.0	18.5	21.8	23.4
5	18.9	17.3	18.1	18.7	22.0	23.5
6	19.0	17.2	18.0	18.8	22.0	23.7
7	18.9	17.1	17.9	18.6	22.2	23.9
8	18.7	17.1	17.9	18.7	22.2	24.2
9	18.6	17.0	17.9	18.9	22.2	24.2
10	18.4	17.0	17.8	19.0	22.2	23.9
11	18.4	16.9	17.6	19.0	22.3	23.7
12	18.4	16.9	17.6	19.2	22.3	
13	18.4	16.9	17.7	19.4	22.2	
14	18.4	17.1	17.8	19.6	22.5	
15	18.4	17.2	17.8	19.8	22.6	
16	18.4	17.2	17.8	19.8	22.7	
17	18.3	17.4	17.8	20.0	22.6	
18	18.3	17.5	17.8	20.0	22.8	
19	18.2	17.5	17.7	20.4		
20	18.2	17.6	17.6	20.5	23.1	
21	18.1	17.6	17.8	20.4	23.3	
22	17.9	17.7	17.9	20.5	23.3	
23	17.9	17.8	17.7	20.3	23.3	
24	17.8	17.8	17.7	20.7	23.4	
25	17.7	17.8	17.8	20.8	23.4	
26	17.6	17.8	17.8	20.8	23.4	
27	17.7	17.8	17.9	20.8	23.5	24.8
28	17.6	17.8	18.1	21.0	23.6	24.9
29	17.4	17.8	18.2	21.1	23.6	24.8
30	17.3	17.9	18.2	21.2	23.6	24.7
31	17.2	18.2		21.3		24.8

3S-34E-19cd1. Herb Strow

Date	Water level	Date	Water level	Date	Water level
Jan. 11	46.6	May 25	44.2	Oct. 18	43.7
Feb. 8	47.5	June 22	42.3	Nov. 20	45.4
Mar. 8	46.9	July 24	42.0	Dec. 26	47.1
Apr. 5	46.9	Aug. 24	41.7		
26	47.2	Sept. 20	42.5		

4S-31E-22cd1. Sam Heany

Jan. 11	36.0	May 25	35.9	Oct. 17	34.5
Feb. 8	36.3	June 22	35.9	Nov. 20	35.1
Mar. 8	36.3	July 24	35.3	Dec. 27	35.3
Apr. 6	36.6	Aug. 23	35.1		
26	36.5	Sept. 20	34.5		

4S-31E-36bal. Eldridge Test Well

Jan. 11	Dry	May 25	3.8	Oct. 17	1.7
Feb. 8	Dry	June 22	3.4	Nov. 20	4.6
Mar. 8	Dry	July 24	1.6	Dec. 27	Dry
Apr. 6	Dry	Aug. 23	0.5		
26	Dry	Sept. 24	1.0		

4S-32E-9cd1. Bob Chandler

Jan. 11	34.6	May 25	34.4	Oct. 17	32.4
Feb. 8	35.0	June 22	32.7	Nov. 20	35.3
Mar. 8	35.0	July 24	32.8	Dec. 27	34.2
Apr. 6	34.6	Aug. 23	33.4		
26	35.5	Sept. 24	31.0		

4S-32E-12ddl. Robert Houghland

Day	January	February	March	April	May	June
1	20.5	20.9	21.2	21.2	21.5	18.1
2	20.6	21.0	21.2	21.3	21.4	18.2
3	20.5	21.0	21.0	21.4	21.3	18.1
4	20.4	20.9	21.0	21.3	21.0	17.9
5	20.5	20.8	21.0	21.4	21.0	18.1
6	20.6	20.9	21.1	21.5	20.8	18.1
7	20.4	20.9	21.3	21.4	20.7	18.1
8	20.6	21.0	21.2	21.5	20.6	18.1
9		21.0	21.1	21.5	20.4	18.1
10		21.0	21.2	21.4	20.3	18.0
11	20.8	20.9	21.2	21.3	20.7	18.0
12	20.8	20.9	21.2	21.5	20.0	18.0
13	20.6	20.9	21.1	21.4	20.0	17.8
14	20.7	20.9	21.2	21.5	19.8	17.6
15	20.6	20.9	21.3	21.5	19.8	17.6
16	20.5	21.0	21.3	21.5	19.6	17.5
17	20.6	20.9	21.4	21.5	19.5	17.6
18	20.6	21.0	21.3	21.6	19.4	17.5
19	20.6	21.0	21.2	21.6	19.2	17.3
20	20.6	21.1	21.3	21.6	19.1	17.2
21	20.6	21.1	21.3	21.6	19.0	17.3
22	20.6	21.1	21.3	21.6		17.3
23	20.5	21.0	21.4	21.6		17.2
24	20.6	21.0	21.3	21.5		17.2
25	20.5	21.1	21.3	21.6	18.7	17.2
26	20.5	21.1	21.3	21.5	18.5	17.3
27	20.5	21.1	21.4	21.5	18.3	17.3
28	20.7	21.2	21.4	21.6	18.1	17.1
29	20.2	21.2	21.3	21.5	18.0	17.0
30	20.7		21.2	21.5	18.0	17.0
31	20.8		21.2		18.0	

45-32E-12d1--Continued

Day	July	August	September	October	November	December
1	17.0	15.7	15.3	15.1	18.1	19.7
2	16.9	15.6	15.3	15.1	18.3	19.7
3	17.0	15.8	15.4	16.2	18.3	19.6
4	16.8	15.6	15.5	16.2	18.3	19.5
5	16.7	15.7	15.6	16.4	18.5	19.5
6	16.7	15.5	15.6	16.4	18.6	19.6
7	16.7	15.5	15.5	16.4	18.7	19.8
8	16.6	15.5	15.5	16.4	18.8	20.0
9	16.5	15.6	15.5	16.4	18.8	20.1
10	16.4	15.6	15.6	16.4	18.8	19.9
11	16.4	15.4	15.4	16.3	18.8	19.7
12	16.3	15.5	15.3	16.3	18.8	19.8
13	16.3	15.5	15.5	16.5	18.8	19.8
14	16.4	15.6	15.5	16.6	19.0	20.0
15	16.4	15.5	15.6	16.6	19.0	20.0
16	16.4	15.4	15.7	16.6	19.1	20.0
17	16.4	15.5	15.7	16.7	19.0	20.1
18	16.4	15.4	15.8	16.7		20.2
19	16.4	15.3	15.7	17.0		20.2
20	16.4	15.4	15.6	17.2	19.3	20.2
21	16.4	15.4	15.8	17.1	19.4	20.1
22	16.4	15.3	16.0	17.2	19.4	20.1
23	16.3	15.3	15.9	17.1	19.5	
24		15.3	15.9	17.4	19.6	
25	16.1	15.2	15.9	17.6	19.6	
26	16.1	15.1	15.9	17.6	19.6	
27	16.2	15.1	15.9	17.6	19.6	20.5
28	16.0	15.1	16.0	17.7	19.6	20.6
29	15.9	14.9	16.1	17.8	19.7	20.5
30	15.9	15.2	16.0	17.8	19.7	20.5
31	15.8	15.4		18.0		20.5

4S-32E-24cbl. Crystal Springs Trout Farm

Date	Water level	Date	Water level	Date	Water level
Jan. 11	5.2	May 25	4.4	Oct. 17	3.7
Feb. 8	5.3	June 22	4.0	Nov. 20	4.6
Mar. 8	5.2	July 24	3.9	Dec. 26	5.5
Apr. 6	5.3	Aug. 23	3.4		
26	5.5	Sept. 20	3.4		

4S-32E-28cc2. O. E. Nelson

Jan. 10	6.8	May 25	2.8	Oct. 17	4.5
Feb. 8	5.8	June 22	2.2	Nov. 20	6.6
Mar. 8	6.0	July 24	2.5	Dec. 27	6.3
Apr. 6	6.2	Aug. 23	3.2		
26	6.1	Sept. 20	4.8		

4S-33E-1bcl. Herbert Crumley

Jan. 10	27.6	Apr. 26	27.7	Sept. 20	24.0
Feb. 8	27.6	May 25	a 25.4	Oct. 17	25.0
Mar. 8	28.0	June 22	23.9	Nov. 20	26.8
Apr. 5	28.1	Aug. 23	24.7	Dec. 26	27.7

a Pumping at time of measurement

4S-33E-15bb2. Art Van Orden

Jan. 11	30.6	Apr. 26	30.7	Aug. 23	a 29.9
Feb. 8	30.8	May 25	a 31.9	Sept. 20	26.0
Mar. 8	32.0	June 22	30.2	Oct. 17	26.7
Apr. 5	31.0	July 24	a 30.9	Dec. 26	30.5

a Pumping at time of measurement

48-35E-22cbl. Josephine Shelman

Date	Water level	Date	Water level	Date	Water level
Jan. 11	24.3	Apr. 26	22.3	Sept. 20	23.3
Feb. 8	25.0	June 22	21.4	Oct. 17	23.0
Mar. 8	24.7	July 24	a 27.9	Nov. 20	23.7
Apr. 5	23.9	Aug. 24	a 26.3	Dec. 26	24.5

a Pumping at time of measurement

48-34E-5cbl. U. S. Geological Survey

Jan. 11	3.6	May 25	4.3	Oct. 18	3.6
Feb. 8	3.8	June 22	4.2	Nov. 20	3.5
Mar. 8	3.9	July 24	4.6	Dec. 26	3.8
Apr. 5	4.0	Aug. 24	4.3		
26	4.1	Sept. 20	3.9		

58-31E-4dal. Ernest Underwood

Jan. 11	47.7	May 25	47.6	Oct. 17	46.5
Feb. 8	48.0	June 22	47.2	Nov. 20	47.5
Mar. 8	47.9	July 24	47.0	Dec. 27	48.0
Apr. 6	48.4	Aug. 23	46.5		
26	48.6	Sept. 20	46.2		

58-31E-19ddl. Don Dancliff

Jan. 10	41.6	May 25	41.4	Oct. 17	40.0
Feb. 8	41.9	June 22	40.9	Nov. 20	40.9
Mar. 8	41.6	July 25	40.5	Dec. 27	41.4
Apr. 6	42.0	Aug. 23	40.6		
26	42.1	Sept. 20	39.5		

5S-31E-27abl. H. L. Lowe

Day	January	February	March	April	May	June
1	20.9			23.4	24.4	19.1
2	21.1			23.6	24.4	19.1
3	20.9			23.7	24.3	18.9
4	20.8			23.7	24.2	18.6
5	21.0			23.7	24.3	18.5
6	21.1			23.8	24.2	18.6
7	20.9			23.6	24.2	18.4
8	21.2		22.9	23.9	24.1	18.3
9			22.9	23.9	23.8	18.1
10			23.0	23.7	23.7	17.8
11	21.4		23.2	23.7	23.5	17.8
12	21.3		23.1	23.4	23.3	17.7
13	21.2		22.9	23.8	23.2	17.6
14	21.4		23.2	23.9	23.0	17.3
15	21.3		23.3	24.0	22.9	17.4
16			23.3	24.0	22.7	17.5
17			23.3	24.0	22.4	17.5
18			23.3	24.1	22.2	17.4
19			23.1	24.2	22.0	17.2
20			23.3	24.2	21.8	17.2
21			23.4	24.2	21.7	17.2
22			23.3	24.1	21.5	17.2
23			23.5	24.1	21.2	17.0
24			23.4	24.1	21.0	16.7
25			23.4	24.2	20.8	16.5
26			23.4	24.1	20.4	16.3
27			23.6	24.2	20.1	16.2
28			23.6	24.3	19.7	15.9
29			23.5	24.3	19.4	15.8
30			23.4	24.3	19.2	15.7
31			23.4		19.1	

5S-31E-27abl—Continued

Day	July	August	September	October	November	December
1	15.5		10.4	11.9	15.3	18.1
2	15.3		10.2	11.9	15.6	18.1
3	15.3		10.2	12.1	15.5	18.1
4	15.2		10.1	12.2	15.6	18.0
5	15.0		10.3	12.4	15.8	18.1
6	15.0		10.4	12.5	15.9	18.3
7	14.8		10.4	12.3	16.1	18.5
8	14.6		10.5	12.3	16.2	18.8
9	14.4		10.6	12.5	16.3	18.9
10	14.1		10.8	12.5	16.2	18.6
11	13.8		10.5	12.5	16.4	18.4
12			10.3	12.7	16.3	18.8
13	12.2		10.5	13.0	16.4	18.8
14	12.5		10.6	13.1	16.7	19.1
15	12.6		10.7	13.3	16.7	19.1
16	12.6		10.7	13.2	16.8	19.1
17	12.5		10.4	13.3	16.8	19.3
18	12.5		10.4	13.2		19.3
19	12.5		10.3	13.6		19.5
20	12.5		10.5	13.7		19.4
21	12.5		11.0	13.7	17.4	19.4
22	12.4		11.4	13.8	17.4	19.6
23	12.4		11.4	13.7	17.5	19.7
24		10.3	11.4	14.2	17.6	19.9
25		10.2	11.4	14.4	17.7	20.0
26		10.3	11.5	14.4	17.7	20.0
27		10.4	11.5	14.5	17.8	20.0
28		10.4	11.6	14.7	17.9	20.1
29		10.3	11.7	14.8	18.0	20.0
30		10.4	11.6	14.9	18.0	20.0
31		10.6		15.1		20.2

5S-31E-33bdl. H. L. Lowe

Date	Water level	Date	Water level	Date	Water level
Jan. 10	16.9	May 24	12.0	Oct. 17	12.6
Feb. 8	16.9	June 21	11.8	Nov. 20	15.7
Mar. 8	16.5	July 25	11.0	Dec. 27	16.7
Apr. 6	17.2	Aug. 23	10.0		
26	17.4	Sept. 20	12.0		

5S-31E-35aal. Maril Beck

Jan. 10	22.1	Apr. 26	23.6	Aug. 23	c 19.8
Feb. 8	22.7	May 25	23.3	Sept. 20	18.5
Mar. 8	22.8	June 22	21.8	Oct. 17	18.6
Apr. 6	23.5	July 25	c 21.4	Nov. 20	19.9

c Nearby well pumping at time of measurement

5S-32E-6ddl. Dayton Martin

Jan. 11	4.0	May 25	1.4	Oct. 17	3.8
Feb. 8	2.8	June 22	1.7	Nov. 20	4.8
Mar. 8	2.7	July 24	2.5	Dec. 27	4.9
Apr. 6	2.6	Aug. 23	2.4		
26	3.2	Sept. 20	2.9		

5S-32E-7ccl. Aberdeen-Springfield Canal Co.

Jan. 11	2.5	May 25	2.0	Oct. 17	2.5
Feb. 8	2.5	June 22	2.5	Nov. 20	2.5
Mar. 8	2.4	July 24	2.6	Dec. 27	2.4
Apr. 6	2.5	Aug. 23	2.6		
26	2.4	Sept. 20	2.6		

6S-31E-7bal. Airport

Date	Water level	Date	Water level	Date	Water level
Jan. 10	80.6	May 24	80.9	Oct. 17	79.3
Feb. 7	80.5	June 21	80.5	Nov. 20	81.1
Mar. 8	80.6	July 25	80.4	Dec. 27	80.2
Apr. 7	80.5	Aug. 23	80.2		
26	80.4	Sept. 20	79.3		

6S-31E-11bal. Ed Philips

Jan. 10	32.2	May 24	31.8	Oct. 17	23.6
Feb. 7	32.7	June 21	29.3	Nov. 20	28.2
Mar. 8	33.0	July 25	24.3	Dec. 27	30.5
Apr. 7	33.5	Aug. 25	22.3		
26	33.9	Sept. 20	22.3		

6S-31E-16bal. Aberdeen-Springfield Canal Co.

Jan. 10	15.6	May 24	14.6	Oct. 17	11.9
Feb. 7	15.8	June 21	13.4	Nov. 20	13.6
Mar. 8	15.9	July 25	11.7	Dec. 27	15.1
Apr. 7	16.3	Aug. 23	11.2		
26	16.1	Sept. 20	10.8		

6S-31E-30dal. Barthalama

Jan. 10	50.2	May 24	48.2	Oct. 17	43.1
Feb. 7	50.5	June 21	44.6	Nov. 20	46.6
Mar. 8	50.7	July 25	42.4	Dec. 27	48.5
Apr. 7	51.1	Aug. 23	42.0		
26	51.4	Sept. 20	41.2		

POWER COUNTY

5S-33E-35ccl. U. S. Geological Survey

Date	Water level	Date	Water level	Date	Water level
Jan. 10	24.7	May 25	24.9	Sept. 21	23.2
Mar. 7	24.1	June 21	24.3	Oct. 16	23.0
Apr. 7	25.2	July 26	23.8	Nov. 21	23.4
26	24.9	Aug. 23	23.6	Dec. 27	23.9

6S-32E-27adl. Mrs. Amelia Jack Tindore

Day	January	February	March	April	May	June
1	36.6	36.0	35.6	35.2	35.0	34.9
2	36.5	36.0	35.6	35.2	35.0	34.9
3	36.5	36.0	35.6	35.2	35.0	34.9
4	36.5	36.0	35.6	35.2	35.0	34.9
5	36.5	36.0	35.6	35.2	35.0	34.9
6	36.4	36.0	35.6	35.2	35.0	34.9
7	36.4	36.0	35.5	35.2	35.0	34.9
8	36.4	35.9	35.5	35.2	35.0	34.8
9		35.9	35.5	35.2	35.0	34.8
10		35.9	35.5	35.2	35.0	34.8
11	36.4	35.9	35.5	35.2	35.0	34.8
12	36.4	35.9	35.5	35.1	35.0	34.8
13	36.4	35.8	35.4	35.1	35.0	34.8
14	36.4	35.8	35.4	35.1	35.0	34.8
15	36.4	35.8	35.4	35.1	34.9	34.8
16	36.4	35.8	35.4	35.1	34.9	34.8
17	36.3	35.8	35.4	35.1	34.9	34.8
18	36.3	35.8	35.4	35.1	34.9	34.8
19	36.3	35.8	35.4	35.1	34.9	34.8
20	36.3	35.7	35.4	35.1	34.9	34.8
21	36.3	35.7	35.3	35.1	34.9	34.8
22	36.2	35.7	35.3	35.1	34.9	34.8
23	36.2	35.7	35.3	35.1	34.9	34.8
24	36.2	35.7	35.3	35.1	34.9	34.8
25	36.2	35.7	35.3	35.1	34.9	34.8
26	36.2	35.7	35.3	35.1	34.9	34.8
27	36.1	35.6	35.3	35.1	34.9	34.8
28	36.1	35.6	35.2	35.0	34.9	34.9
29	36.1	35.6	35.2	35.0	34.9	34.9
30	36.1		35.2	35.0	34.9	34.9
31	36.1		35.2		34.9	

6S-32E-27ad1--Continued

Day	July	August	September	October	November	December
1	34.9		35.7	36.3	36.5	36.3
2	34.9		35.7	36.3	36.5	36.3
3	34.9		35.7	36.3	36.5	36.3
4	34.9		35.7	36.3	36.5	36.3
5	34.9		35.8	36.3	36.5	36.2
6	34.9		35.8	36.4	36.5	36.2
7	34.9		35.8	36.4	36.5	36.2
8	34.9		35.8	36.4	36.5	36.2
9	34.9		35.8	36.4	36.5	
10	34.9		35.9	36.4	36.5	
11	34.9		35.9	36.4	36.5	
12	34.9		35.9	36.4	36.5	
13	34.9		35.9	36.4	36.5	
14	34.9		36.0	36.4	36.5	
15	34.9		36.0	36.5	36.5	
16	34.9		36.0	36.5	36.5	
17	34.9		36.0	36.5		
18	35.0		36.0	36.5		
19	35.0		36.0	36.5		
20	35.0		36.1	36.5		
21	35.0		36.1	36.5		
22	35.0		36.1	36.5		
23		35.5	36.1	36.5		
24		35.5	36.2	36.5		
25		35.6	36.2	36.5		
26		35.6	36.2	36.5		
27	35.0	35.6	36.2	36.5		36.1
28	35.0	35.6	36.2	36.5		36.1
29	35.0	35.6	36.2	36.5	36.3	36.0
30		35.6	36.3	36.5	36.3	36.0
31		35.7		36.5		36.0

6S-33E-20abl. Edna LaVatta Kutch

Day	January	February	March	April	May	June
1	34.1	34.3	34.4	34.2	34.2	34.4
2	34.2	34.4	34.4	34.3	34.3	34.5
3	34.1	34.4	34.3	34.4	34.3	34.5
4	34.0	34.3	34.3	34.4	34.3	34.1
5	34.1	34.3	34.3	34.4	34.4	34.4
6	34.1	34.3	34.4	34.4	34.4	34.5
7	34.1	34.3	34.4	34.3	34.5	34.7
8	34.2	34.4	34.4	34.4	34.6	34.7
9	34.1	34.4	34.3	34.4	34.4	34.7
10	34.2	34.3	34.4	34.4	34.5	34.6
11	34.2	34.3	34.4	34.4	34.5	34.4
12	34.2	34.3	34.4	34.4	34.4	34.5
13	34.1	34.3	34.3	34.4	34.5	34.5
14	34.1	34.3	34.4	34.4	34.6	34.2
15	34.1	34.3	34.5	34.4	34.5	34.0
16	34.0	34.4	34.5	34.4	34.6	33.9
17	34.1	34.3	34.5	34.4	34.7	33.8
18	34.1	34.3	34.4	34.4	34.6	33.8
19	34.1	34.4	34.3	34.4	34.6	33.8
20	34.1	34.4	34.4	34.4	34.5	34.1
21	34.1	34.4	34.4	34.3	34.5	34.1
22	34.1	34.3	34.3	34.3	34.3	34.2
23	34.1	34.4	34.4	34.2	34.4	34.1
24	34.2	34.4	34.3	34.2	34.4	34.2
25	34.1	34.4	34.3	34.3	34.3	34.3
26	34.1	34.4	34.3	34.3	34.0	34.3
27	34.1	34.4	34.4	34.5	34.0	34.3
28	34.2	34.4	34.4	34.2	33.9	34.4
29	34.2	34.4	34.3	34.2	33.8	34.5
30	34.2		34.3	34.2	33.8	34.6
31	34.3		34.3		33.8	

6S-33E-20abl--Continued

Day	July	August	September	October	November	December
1	34.6	34.8	34.4	33.8	33.5	33.8
2	34.4	34.8	34.3	33.7	33.6	33.8
3	34.5	34.7	34.5	33.7	33.5	33.7
4	34.3	34.6	34.5	33.7	33.5	33.7
5	34.5	34.6	34.5	33.7	33.6	33.7
6	34.6	34.6	34.4	33.7	33.6	33.8
7	34.6	34.7	34.5	34.1	33.6	33.9
8	34.4	34.8	34.6	34.0	33.6	33.9
9	34.5	34.8	34.6	33.8	33.6	33.9
10	34.4	34.8	34.7	33.7	33.6	33.8
11	34.4	34.7	34.4	33.7	33.6	33.8
12	34.5	34.7	34.4	33.6	33.5	33.8
13	34.7	34.7	34.5	33.7	33.6	33.8
14	34.7	34.5	34.2	33.6	33.7	33.8
15	34.8	34.4	34.2	33.6	33.6	33.8
16	34.5	34.6	34.1	33.6	33.7	33.8
17	34.6	34.7	33.9	33.6		33.8
18	34.8	34.6	33.8	33.5		33.8
19	34.8	34.6	33.8	33.6		33.8
20	34.7	34.7	33.7	33.6		33.8
21	34.8	34.6	33.8	33.6	33.8	33.8
22	34.7	34.6	33.9	33.5	33.7	33.8
23		34.6	33.8	33.4	33.8	
24		34.6	33.8	33.6	33.8	
25		34.6	33.8	33.5	33.8	
26		34.5	33.9	33.5	33.7	
27	34.9	34.3	33.9	33.4	33.8	34.0
28	34.9	34.6	34.2	33.4	33.8	34.0
29	34.7	34.3	34.2	33.5	33.8	34.0
30	34.8	34.6	34.1	33.4	33.8	33.9
31	34.9	34.7		33.5		34.0

7S-30E-12cal. Jess Meadows

Date	Water level	Date	Water level	Date	Water level
Jan. 10	a 49.9	May 24	a 45.0	Oct. 17	46.1
Feb. 7	49.3	June 21	43.3	Nov. 20	50.4
Mar. 8	a 48.6	July 26	47.2	Dec. 27	51.1
Apr. 7	48.2	Aug. 23	45.6		
26	46.5	Sept. 20	45.9		

a Pumping at time of measurement

7S-31E-13del. Paul Evans

Day	January	February	March	April	May	June
1	61.7	61.8	61.8	61.6	61.4	61.2
2	61.7	61.8	61.8	61.6	61.4	61.2
3	61.7	61.8	61.8	61.5	61.4	61.2
4	61.7	61.8	61.7	61.5	61.3	61.2
5	61.7	61.8	61.7	61.5	61.3	61.2
6	61.7	61.8	61.7	61.5	61.3	61.2
7	61.7	61.8	61.7	61.5	61.3	61.2
8	61.7	61.8	61.7	61.5	61.3	61.2
9		61.8	61.7	61.5	61.3	61.2
10		61.8	61.7	61.5	61.3	61.2
11	61.7	61.8	61.7	61.4	61.3	61.2
12	61.7	61.8	61.7	61.4	61.3	61.2
13	61.7	61.8	61.7	61.4	61.3	61.2
14	61.7	61.8	61.7	61.4	61.3	61.2
15	61.7	61.8	61.7	61.4	61.3	61.2
16	61.7	61.8	61.7	61.4	61.3	61.2
17	61.7	61.8	61.7	61.4	61.3	61.2
18	61.8	61.8	61.7	61.4	61.3	61.2
19	61.8	61.8	61.7	61.4	61.3	61.2
20	61.8	61.8	61.7	61.4	61.3	61.2
21	61.8	61.8	61.7	61.4	61.3	61.2
22	61.8	61.8	61.7	61.4	61.3	61.2
23	61.8	61.8	61.7	61.4	61.3	61.2
24	61.8	61.8	61.7	61.4	61.3	61.2
25	61.8	61.8	61.7	61.4	61.3	61.2
26	61.8	61.8	61.7	61.4	61.3	61.2
27	61.8	61.8	61.7	61.4	61.2	61.2
28	61.8	61.8	61.7	61.4	61.2	61.2
29	61.8	61.8	61.7	61.4	61.2	61.2
30	61.8		61.7	61.4	61.2	61.2
31	61.8		61.6		61.2	

7S-31E-13del--Continued

Day	July	August	September	October	November	December
1	61.2	61.4	61.3	61.2	61.2	61.4
2	61.2	61.4	61.3	61.2	61.3	61.4
3	61.2	61.4	61.3	61.2	61.3	61.4
4	61.2	61.4	61.3	61.2	61.3	61.4
5	61.2	61.4	61.3	61.2	61.3	61.4
6	61.3	61.4	61.3	61.2	61.3	61.4
7	61.3	61.4	61.3	61.2	61.3	61.4
8	61.3	61.4	61.3	61.2	61.3	61.4
9	61.3	61.4	61.3	61.2	61.3	61.4
10	61.3	61.4	61.3	61.2	61.3	61.4
11	61.3	61.4	61.3	61.2	61.3	61.4
12	61.3	61.4	61.2	61.2	61.3	61.4
13	61.3	61.4	61.2	61.2	61.3	61.4
14	61.3	61.4	61.2	61.2		61.4
15	61.3	61.4	61.2	61.2		61.4
16	61.3	61.4	61.2	61.2		61.4
17	61.3	61.4	61.2	61.2		61.4
18	61.3	61.4	61.2	61.2		61.4
19	61.3	61.4	61.2	61.2		61.4
20		61.4	61.2	61.2		61.4
21		61.4	61.2	61.2		61.4
22		61.4	61.2	61.2		61.4
23		61.4	61.2	61.2		61.4
24		61.4	61.2	61.2		61.4
25		61.4	61.2	61.2		61.4
26		61.4	61.2	61.2		61.5
27	61.4	61.4	61.2	61.2		61.5
28	61.4	61.4	61.2	61.2		61.5
29	61.4	61.4	61.2	61.2	61.4	61.5
30	61.4	61.3	61.2	61.2	61.4	61.5
31	61.4	61.3		61.2		61.5