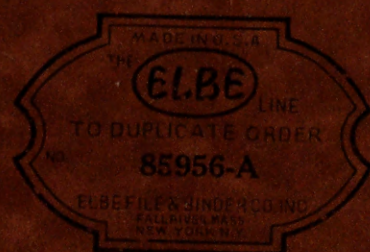


GROUND-WATER DATA COLLECTED
IN THE MISSOURI RIVER BASIN UNITS IN KANSAS
DURING 1953

By B. J. Mason

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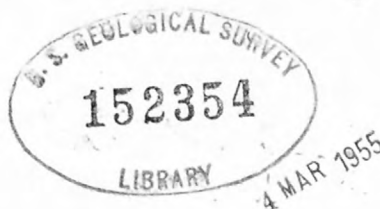
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UNITED STATES
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

GROUND-WATER DATA COLLECTED
IN THE MISSOURI RIVER BASIN UNITS IN KANSAS
DURING 1953

By B. J. Mason



Compiled as part of the program of the Department of the Interior for development of the Missouri River basin. Coordinated with the cooperative program of the United States Geological Survey, the State Geological Survey of Kansas, the Division of Sanitation of the Kansas State Board of Health, and the Division of Water Resources of the Kansas State Board of Agriculture.

July 1954

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INTRODUCTION

Ground-water studies in the Missouri River basin were begun by the United States Geological Survey during the fall of 1945 as a part of a program for the development of the resources of the basin by the United States Bureau of Reclamation and other Federal Agencies. The studies of the ground-water resources in the part of Kansas that lies within the Missouri River basin have been coordinated with the cooperative program of ground-water studies which were already being made in Kansas by the U. S. Geological Survey, the State Geological Survey of Kansas, the Division of Sanitation of the Kansas State Board of Health, and the Division of Water Resources of the Kansas State Board of Agriculture.

Areas in which ground-water data have been and are being collected are the following: Almena unit in Norton and Phillips Counties; Bostwick unit in Jewell, Republic, and Cloud Counties; Cedar Bluff unit in Ellis, Rush, and Trego Counties; Glen Elder unit in Mitchell County; Kanopolis unit in Ellsworth, McPherson, and Saline Counties; Kirwin unit in Phillips, Smith, and Osborne Counties; St. Francis unit in Cheyenne County; Webster unit in Osborne County; and Wilson unit in Lincoln County. (See fig. 1.) Data relating to the Ladder Creek project in Greeley, Gove, Lane, Logan, Scott, Wallace, and Wichita Counties will be published later in a separate report.

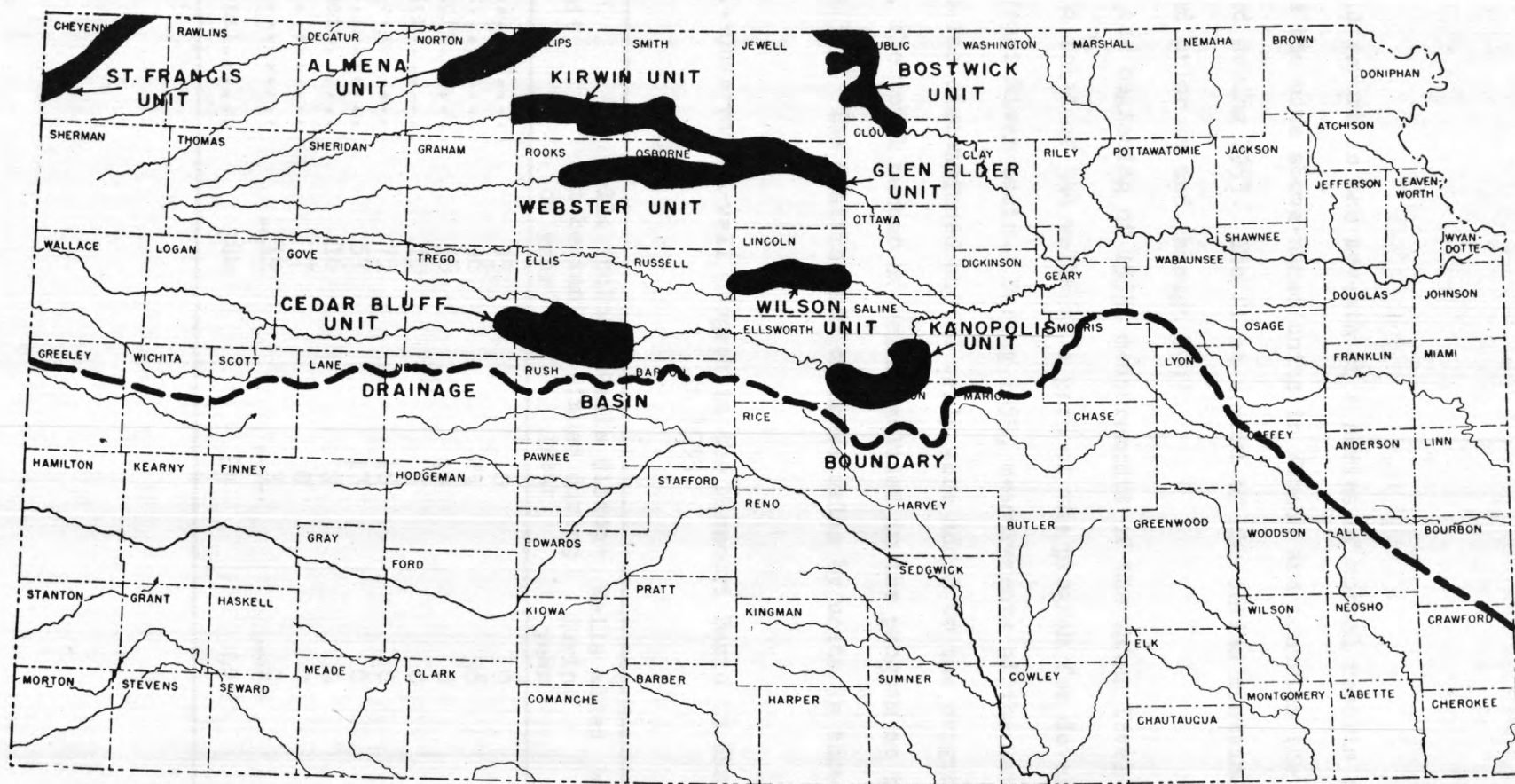


FIGURE 1.- UNITS OF THE MISSOURI BASIN IN KANSAS IN WHICH GROUND-WATER DATA ARE BEING COLLECTED

This report is the seventh of a series of annual reports on ground-water in the nine above-named units in Kansas and contains the data collected during 1953. The first report of the series contained the data collected prior to and through 1947.

At the beginning of 1953, measurements of the water level were being made in a total of 344 wells as a part of the program for development of the Missouri River basin. During 1953, measurements of the water level in 83 wells was discontinued and 42 wells were added to the program; consequently, the total number of wells included in the program at the end of 1953 was 303. The distribution of these wells by units is shown in table 1.

Table 1.--Observation-well program in the Missouri Basin in Kansas, by units, in 1953

Unit	Wells included at beginning of year	Wells discon- tinued during year	Wells added during year	Wells included at end of year
Almena.....	13	0	0	13
Bostwick.....	96	23	36	109
Cedar Bluff.....	56 ✓	19 ✓	0	37
Glen Elder.....	10	3	0	7
Kanopolis.....	75	18	0	57
Kirwin.....	57	17	0	40
St. Francis.....	16	0	6	22
Webster.....	7	0	0	7
Wilson.....	<u>14</u>	<u>3</u>	<u>0</u>	<u>11</u>
Total.....	344	83	42	303

Well-numbering system

The well numbers in this report are based on their location within the Bureau of Land Management's survey of the area. The first numeral of the number indicates the township, the second the range, and the third the section number in which the well is located. The lowercased letters following the section number indicate the location of the well within the section. The subdivisions of the section are lettered a, b, c, and d in a counter-clockwise direction beginning in the northeast quarter of the section, quarter section, or quarter-quarter section (10-acre tract). If two or more wells are located within the same 10-acre tract, they are distinguished by numerals following the lowercased letters. (See fig. 2.)

ALMENA UNIT

Table 2.--Water-level measurements, in feet below land-surface datum, in the Almena unit, 1953.

1-19-19cc.	Mar. 16, 16.25; May 19, 16.83; Nov. 3, 18.95
1-20-30cc.	No measurements in 1953; casing sealed
1-21-35dc.	Mar. 16, 28.52; May 19, 28.73
2-21-1bb.	Mar. 16, 23.36; May 19, 23.30; Nov. 3, 23.78
2-21-2bd.	Mar. 16, 23.18; May 19, 23.50; Nov. 3, 23.67
2-21-11aa.	May 19, 29.03; Nov. 3, 32.98
2-21-18aa.	Mar. 16, 41.05; May 19, 41.00; Nov. 3, 41.16
2-21-19dd.	Mar. 16, 62.18; May 19, 62.05; Nov. 3, 62.06
2-22-11dc.	Mar. 16, 60.94; May 19, 60.95

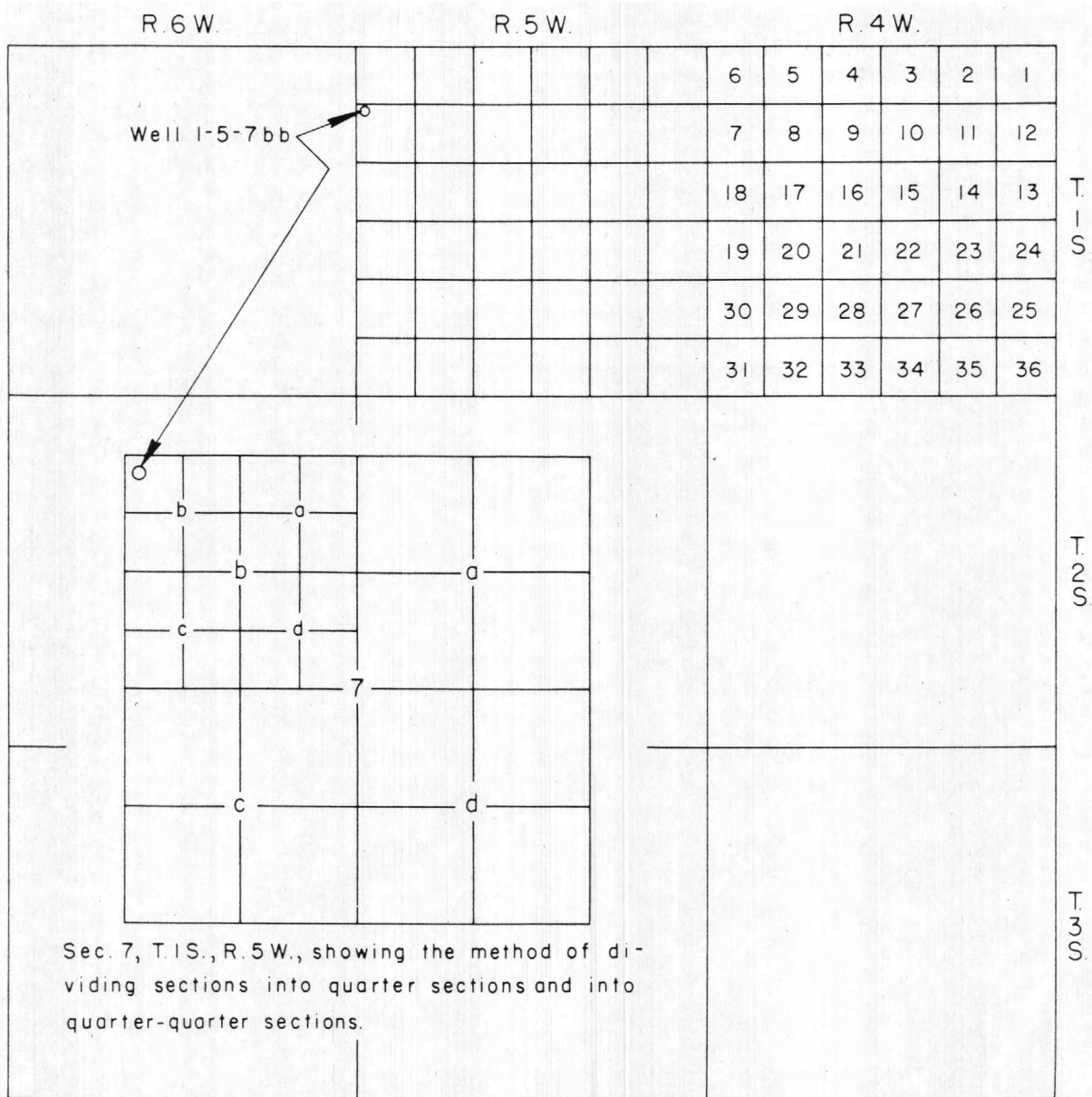


Figure 2.-Sketch illustrating well-numbering system.

Table 2.--Water-level measurements, in feet below land-surface datum, in the
Almena unit, 1953.--Continued

2-22-26ac. Mar. 16, 28.58

2-22-28aa. Mar. 16, 48.34; May 19, 48.28; Nov. 3, 48.25

2-23-36cd. Mar. 16, 27.66; May 19, 27.51; Nov. 3, 29.13

3-23-8aa. Mar. 16, 38.80; May 19, 38.72; Nov. 3, 38.79

BOSTWICK UNIT

Table 3.--Water-level measurements, in feet below land-surface datum, in the
Bostwick unit, 1953

[New well indicated by an asterisk (*)]

1-5-7bb

Date	Water level	Date	Water level	Date	Water level
Jan. 22	8.36	June 2	7.86	Aug. 7	8.52
Mar. 12	8.04	July 7	8.05	Oct. 15	9.19

1-5-7cb

Jan. 22	21.19	June 2	21.10	Aug. 7	21.54
Mar. 12	21.14	July 7	21.22	Oct. 15	22.22

1-5-8dc

Jan. 20	6.53	June 2	5.03	Aug. 7	6.97
Mar. 25	5.39	July 7	6.04	Oct. 15	7.46
May 6	5.23				

1-5-9ba

Jan. 20	21.16	June 2	20.92	Aug. 7	23.06
Mar. 25	20.87	July 7	22.40	Oct. 15	23.61
May 6	20.90				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

1-5-14dc

Date	Water level	Date	Water level	Date	Water level
Jan. 20	8.23	June 2	7.42	Aug. 7	7.93
Mar. 25	7.62	July 7	8.23	Oct. 15	10.42
May 6	7.45				

1-5-16dd

Jan. 20	12.53	June 2	12.95	Aug. 7	13.00
Mar. 25	12.74	July 7	13.06	Oct. 15	13.40
May 5	12.94				

1-5-17dd

Jan. 20	14.17	June 2	13.00	Aug. 7	14.88
Mar. 25	13.59	July 7	14.13	Oct. 15	15.53
May 6	13.74				

1-5-18ad

Feb. 27	87.36	July 6	87.47	Sept. 8	87.70
May 7	87.56	Aug. 6	87.79	Dec. 17	87.74
June 1	87.86				

1-5-18dc

Feb. 26	57.52	July 6	57.58	Sept. 8	57.67
May 7	57.59	Aug. 6	57.73	Dec. 17	55.86
June 1	58.07				

1-5-23cc

Jan. 20	9.14	May 6	9.16	July 7	8.97
Mar. 25	9.06	June 2	9.00		

1-5-25cd

Jan. 20	7.14	May 6	6.15	July 7	7.04
Mar. 25	6.30	June 2	5.89		

1-5-25dc

Jan. 20	9.27	June 2	9.24	Aug. 7	10.62
Mar. 25	8.91	July 7	10.05	Sept. 14	11.38
May 6	8.91				

1-5-26cc. Jan. 20, 9.00; Mar. 25, 9.13

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

1-5-26dd

Date	Water level	Date	Water level	Date	Water level
Jan. 20	7.69	May 6	7.16	July 7	8.16
Mar. 25	6.96	June 2	6.83		

1-5-27dc

Jan. 20	17.14	May 6	17.37	July 7	17.63
Mar. 25	17.27	June 2	17.37	Aug. 7	17.71

1-5-28aa

Jan. 20	15.47	June 2	15.69	Aug. 7	16.08
Mar. 25	15.63	July 7	15.89	Oct. 15	16.50
May 6	15.70				

1-5-29ba

Mar. 16	33.66	July 6	33.38	Sept. 8	34.33
May 7	33.20	Aug. 6	33.49	Dec. 17	35.45
June 1	33.42				

1-5-29cc

Mar. 5	27.37	July 6	28.03	Sept. 8	27.31
May 7	27.41	Aug. 6	27.98	Dec. 17	28.41
June 1	27.44				

1-5-30bd

Mar. 6	14.00	July 6	22.74	Sept. 8	20.96
May 7	19.12	Aug. 6	20.42	Dec. 17	19.62
June 1	19.41				

1-5-30bb

Mar. 4	34.30	June 1	39.76	Sept. 8	40.58
May 7	39.04	July 6	40.08	Dec. 17	40.38

1-5-33ba

Jan. 20	9.70	June 2	8.03	Aug. 7	10.65
Mar. 25	10.07	July 7	9.86	Oct. 15	11.72
May 6	10.38				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

1-5-34bb

Date	Water level	Date	Water level	Date	Water level
Jan. 20	18.52	June 2	19.27	Aug. 7	19.86
Mar. 25	18.86	July 7	19.64	Oct. 15	20.78
May 6	19.20				

1-6-4ac

Jan. 22	8.56	May 22	8.77	Aug. 20	9.40
Mar. 12	8.23	June 23	8.31	Sept. 25	9.98
Apr. 15	8.56	July 24	8.81	Dec. 17	8.76

1-6-4cb

Apr. 15	9.25	July 24	9.54	Sept. 25	10.27
May 22	9.46	Aug. 20	9.93	Dec. 17	9.20
June 23	8.70				

1-6-4dc

Jan. 22	14.94	May 22	15.11	Aug. 20	16.62
Mar. 12	15.18	June 23	15.82	Sept. 25	17.49
Apr. 15	15.14	July 24	16.70	Dec. 17	16.34

1-6-5ac

Apr. 15	15.40	July 24	15.60	Sept. 25	15.96
May 22	15.64	Aug. 20	15.77	Dec. 17	16.02
June 23	15.26				

1-6-5cd

Apr. 15	31.53	July 24	32.41	Sept. 25	32.29
May 22	31.71	Aug. 20	32.10	Dec. 17	32.55

1-6-5da

Jan. 22	9.08	May 22	9.46	Aug. 20	9.61
Mar. 12	9.24	June 23	8.18	Sept. 25	9.69
Apr. 15	9.19	July 24	9.23	Dec. 17	8.45

1-6-5dd

Jan. 22	28.74	Apr. 15	29.34	June 23	29.81
Mar. 12	29.07	May 22	29.58	July 24	29.93

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

1-6-6ad

Date	Water level	Date	Water level	Date	Water level
Apr. 15	13.63	July 24	13.64	Sept. 25	14.18
May 22	13.74	Aug. 20	13.93	Dec. 17	14.09
June 23	13.36				

1-6-6bc

Jan. 22	8.60	May 22	9.12	Aug. 20	9.00
Mar. 12	8.60	June 23	8.19	Sept. 25	9.12
Apr. 15	8.90	July 24	8.73	Dec. 17	8.56

1-6-6cb

Apr. 15	10.18	July 24	10.20	Sept. 25	10.63
May 22	10.40	Aug. 20	10.47	Dec. 17	10.07
June 23	9.75				

1-6-6cc

Jan. 22	26.67	May 22	26.68	Aug. 20	26.73
Mar. 12	26.67	June 23	26.80	Sept. 25	27.16
Apr. 15	26.64	July 24	26.97	Dec. 17	26.91

1-6-6dal

Jan. 22	17.34	May 22	17.84	Aug. 20	18.30
Mar. 12	17.58	June 23	17.97	Sept. 25	18.54
Apr. 15	17.69	July 24	18.14	Dec. 17	18.79

1-6-6da2*

Apr. 15	19.93	July 24	20.75	Sept. 25	21.22
May 22	20.15	Aug. 20	20.99	Dec. 17	21.22
June 23	20.42				

1-6-6dd

Apr. 15	26.25	July 24	25.98	Sept. 25	26.47
May 22	25.51	Aug. 20	26.22	Dec. 17	26.66
June 23	25.70				

1-6-11aa

Jan. 22	3.52	June 2	3.54	Aug. 7	4.49
Mar. 12	3.28	July 7	4.31	Oct. 15	4.79

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

1-6-13aa

Date	Water level	Date	Water level	Date	Water level
Feb. 26	61.02	July 6	60.99	Sept. 8	61.07
May 7	60.95	Aug. 6	61.03	Dec. 17	61.22
June 1	61.01				

1-6-14cb

Feb. 27	84.16	July 6	84.75	Sept. 8	85.10
May 7	84.23	Aug. 6	84.93	Dec. 17	84.03
June 1	84.72				

1-6-24cb

Feb. 27	59.50	July 6	56.68	Sept. 8	56.98
May 7	59.04	Aug. 6	56.67	Dec. 17	56.56
June 1	56.95				

1-6-26cc

Apr. 6	40.86	July 6	40.87	Sept. 8	41.43
May 7	40.90	Aug. 6	41.05	Dec. 17	41.66
June 1	40.79				

1-6-27cc

Apr. 16	57.20	July 6	57.30	Sept. 8	57.36
May 7	57.35	Aug. 6	57.46	Dec. 17	57.31
June 1	57.06				

1-6-35cd

Mar. 5	30.10	July 6	28.86	Sept. 8	29.54
May 7	29.04	Aug. 6	28.40	Dec. 17	29.91
June 1	29.21				

1-6-36aa

Mar. 5	28.80	July 6	28.93	Sept. 8	29.44
May 7	28.85	Aug. 6	29.22	Dec. 17	29.47
June 1	28.79				

1-6-36bc

Mar. 26	34.71	July 6	34.96	Sept. 8	35.38
May 7	34.76	Aug. 6	35.78	Dec. 17	35.55
June 1	34.80				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

1-7-lbb

Date	Water level	Date	Water level	Date	Water level
Jan. 22	9.36	May 22	9.71	Aug. 20	10.11
Mar. 12	9.10	June 23	9.57	Sept. 25	10.23
Apr. 15	9.49	July 24	9.93	Dec. 17	9.87

1-7-ldb*

Apr. 15	9.50	July 24	9.45	Sept. 25	9.88
May 22	9.69	Aug. 20	9.69	Dec. 17	9.54
June 23	9.10				

1-7-ldc*

Apr. 15	10.80	July 24	11.19	Sept. 25	12.02
May 22	10.85	Aug. 20	11.73	Dec. 17	11.91
June 23	10.64				

1-7-2da

Jan. 22	6.82	May 22	7.14	Aug. 20	7.56
Mar. 12	7.00	June 23	6.55	Sept. 25	7.76
Apr. 15	7.04	July 24	7.18	Dec. 17	7.20

1-7-2dd1*

Apr. 15	12.45	July 24	13.41	Sept. 25	13.72
May 22	12.53	Aug. 20	13.57	Dec. 17	12.61
June 23	12.82				

1-7-2dd2*

Apr. 15	8.23	July 24	8.25	Sept. 25	9.03
May 22	8.33	Aug. 20	8.66	Dec. 17	8.19
June 23	7.78				

1-7-4ba*

Apr. 15	6.47	July 24	6.16	Sept. 25	6.28
May 22	6.53	Aug. 20	6.45	Dec. 17	6.00
June 23	5.35				

1-7-4bc*

Apr. 15	13.35	July 24	13.68	Sept. 25	14.04
May 22	13.50	Aug. 20	13.83	Dec. 17	14.06
June 23	13.42				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

2-4-7ba

Date	Water level	Date	Water level	Date	Water level
Jan. 20	11.96	June 2	12.03	Aug. 7	12.19
Mar. 25	11.98	July 7	12.10	Oct. 15	12.49
May 6	12.00				

2-4-18cc

Jan. 20	16.21	June 2	16.16	Aug. 7	17.20
Mar. 25	15.96	July 7	16.68	Oct. 15	18.15
May 6	16.05				

2-4-18dc

Jan. 20	24.06	June 2	25.26	Aug. 7	25.80
Mar. 25	24.59	July 7	25.54	Oct. 15	26.64
May 6	24.98				

2-4-31aa

Jan. 20	3.05	June 2	4.15	Aug. 7	4.88
Mar. 25	3.25	July 7	4.46	Oct. 16	6.05
May 6	3.53				

2-4-31cc. Measurements discontinued

2-4-32cc

Date	Water level	Date	Water level	Date	Water level
Jan. 20	6.03	June 2	5.21	Aug. 7	6.74
Mar. 25	5.46	July 7	5.59	Oct. 15	7.90
May 6	5.37				

2-5-1cd

Jan. 20	9.23	June 2	9.61	Aug. 7	9.97
May 25	9.45	July 7	9.81	Measurements discontinued	
May 6	9.64				

2-5-2ac

Jan. 20	5.47	May 6	5.78	July 7	5.93
Mar. 25	5.50	June 2	5.63	Aug. 7	6.16

2-5-2ba

Jan. 20	10.18	June 2	10.16	Aug. 7	10.37
Mar. 25	10.02	July 7	10.23	Oct. 15	10.78
May 6	10.18				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

2-5-6cc*

Date	Water level	Date	Water level	Date	Water level
May 7	25.37	July 6	25.48	Sept. 8	26.13
June 1	25.00	Aug. 6	25.65	Dec. 17	26.73

2-5-11da

Jan. 20	5.22	June 2	5.40	Aug. 7	6.39
Mar. 25	5.58	July 7	5.90	Oct. 15	7.72
May 6	5.79				

2-5-13dc. Jan. 20, 6.45; Mar. 25, 5.71; measurements discontinued

2-5-14dd

Date	Water level	Date	Water level	Date	Water level
Jan. 20	8.52	June 2	8.73	Aug. 7	9.77
Mar. 25	8.43	July 7	9.35	Oct. 15	10.46
May 6	8.49				

2-5-23dd

Jan. 20	7.59	June 2	7.42	Aug. 7	8.04
Mar. 25	7.47	July 7	7.64	Oct. 15	8.45
May 6	7.66				

2-5-24cc. Measurements discontinued

2-5-25cc. Jan. 20, 9.31; Mar. 25, 9.36; measurements discontinued

2-5-36ab

Date	Water level	Date	Water level	Date	Water level
Jan. 20	19.57	May 6	19.87	July 7	20.77
Mar. 25	19.66	June 2	19.95	Oct. 15	21.89

2-6-3ab*

Mar. 5	33.94	July 6	34.20	Sept. 8	35.16
May 7	33.83	Aug. 6	34.61	Dec. 17	35.30
June 1	33.95				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

2-6-3cd*

Date	Water level	Date	Water level	Date	Water level
Mar. 12	31.38	July 6	31.96	Sept. 8	32.49
May 7	31.33	Aug. 6	32.28	Dec. 17	20.28
June 1	30.96				

2-6-4ab*

Mar. 5	45.46	July 6	47.12	Sept. 8	46.70
May 7	45.60	Aug. 6	46.07	Dec. 17	46.84
June 1	45.77				

2-6-4cc*

Mar. 12	28.85	July 6	32.17	Sept. 8	32.34
May 7	32.21	Aug. 6	32.07	Dec. 17	29.54
June 1	31.72				

2-6-9cb*

Mar. 12	22.84	July 6	22.93	Sept. 8	23.65
May 7	22.86	Aug. 6	23.05	Dec. 17	24.23
June 1	22.93				

2-6-10da*

Apr. 6	30.13	July 6	31.35	Sept. 8	30.81
May 7	29.32	Aug. 6	30.47	Dec. 17	30.07
June 1	29.78				

2-6-11da*

Mar. 26	28.80	July 6	27.77	Sept. 8	27.76
May 7	27.76	Aug. 6	27.64	Dec. 17	29.17
June 1	27.87				

2-6-16aa*

Apr. 6	30.28	June 1	31.15	Dec. 17	30.34
May 7	30.46	July 6	31.30		

3-4-7cc

Jan. 20	13.75	June 2	13.80	Aug. 7	14.34
Mar. 25	13.64	July 7	14.06	Measurements discontinued	
May 6	13.68				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

3-4-7dc

Date	Water level	Date	Water level	Date	Water level
Jan. 20	7.04	June 2	6.66	Aug. 7	7.29
Mar. 25	6.86	July 7	7.05	Measurements discontinued	
May 6	6.90				

3-4-8bb2. Measurements discontinued

3-4-8cb. Measurements discontinued

3-4-8cc1. Measurements discontinued

3-4-8cc2. Jan. 20, 6.67; Mar. 25, 6.78; Measurements discontinued

3-4-8cd

Date	Water level	Date	Water level	Date	Water level
Jan. 20	7.03	May 6	7.41	July 7	7.65
Mar. 25	7.24	June 2	7.25	Aug. 7	7.92

3-4-17bb

Jan. 20	7.49	June 2	7.04	Aug. 7	7.63
Mar. 25	7.11	July 7	7.23	Oct. 15	8.20
May 6	7.16				

3-4-17cc

Jan. 20	5.42	June 2	6.40	Aug. 7	7.21
Mar. 25	6.39	July 7	6.78	Oct. 15	7.67
May 6	6.48				

3-4-18ad. Measurements discontinued

3-4-18dc

Date	Water level	Date	Water level	Date	Water level
Jan. 20	10.16	June 2	9.33	Aug. 7	11.16
Mar. 25	9.58	July 7	10.47	Oct. 15	12.02
May 6	9.47				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

3-4-19aa. Measurements discontinued

3-4-20ba. Measurements discontinued

3-4-20bc. Measurements discontinued

3-4-28ab

Date	Water level	Date	Water level	Date	Water level
Jan. 20	23.18	June 2	23.88	Aug. 7	24.39
Mar. 25	23.54	July 7	24.05	Oct. 15	25.17
May 6	23.75				

3-4-29ab

Jan. 20	7.59	June 2	7.10	Aug. 7	8.27
Mar. 25	7.12	July 7	7.74	Oct. 15	8.81
May 6	7.22				

3-4-29bc

Jan. 20	5.97	June 2	6.77	Aug. 7	6.88
Mar. 25	6.68	July 7	7.12	Oct. 15	7.48
May 6	6.78				

3-4-29cc. Measurements discontinued

3-4-32cb. Measurements discontinued

3-4-32cc

Date	Water level	Date	Water level	Date	Water level
Jan. 20	5.85	June 2	5.76	Aug. 7	7.40
Mar. 25	5.74	July 7	6.67	Oct. 15	7.68
May 6	5.88				

3-5-1aa. Measurements discontinued

3-5-1ab

Date	Water level	Date	Water level	Date	Water level
Jan. 20	11.11	June 2	11.10	Aug. 7	11.60
Mar. 25	10.89	July 7	11.33	Oct. 15	12.16
May 6	10.96				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

3-5-9dc

Date	Water level	Date	Water level	Date	Water level
Jan. 20	5.29	May 6	9.50	July 7	5.34
Mar. 25	4.46	June 2	3.16		

3-5-11cc

Jan. 20	12.33	June 2	12.92	Aug. 7	13.64
Mar. 25	12.25	July 7	13.25	Oct. 15	14.60
May 6	12.84				

3-5-11dd

Jan. 20	16.84	June 2	17.34	Aug. 7	17.78
Mar. 25	16.87	July 7	17.46	Oct. 15	19.21
May 6	18.09				

3-5-16dd

Jan. 20	6.50	June 2	5.23	Aug. 7	8.19
Mar. 25	6.16	July 7	6.75	Oct. 15	9.19
May 6	6.05				

3-5-21dd

Jan. 20	7.72	June 2	7.81	Aug. 7	9.34
Mar. 25	7.86	July 7	8.64	Oct. 15	10.50
May 6	8.08				

4-4-4aa

Jan. 20	14.68	June 2	15.39	Aug. 7	15.60
Mar. 25	15.06	July 7	15.50	Oct. 15	15.95
May 6	15.15				

4-4-4cc

Jan. 20	10.03	June 2	10.10	Aug. 7	11.06
Mar. 25	9.90	July 7	10.42	Oct. 15	11.16
May 6	10.16				

4-4-5aa

Jan. 20	5.49	June 2	5.78	Aug. 7	6.25
Mar. 25	5.70	July 7	6.20	Oct. 15	6.77
May 6	5.91				

4-4-8bc. Measurements discontinued

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

4-4-17cd

Date	Water level	Date	Water level	Date	Water level
Jan. 20	5.78	June 2	5.76	Aug. 7	6.60
Mar. 25	5.87	July 7	6.24	Oct. 15	6.97
May 6	6.12				

4-4-20bb

Jan. 20	8.98	June 2	8.94	Aug. 7	9.15
Mar. 25	8.73	July 7	8.96	Oct. 15	9.51
May 6	8.90				

4-4-21aa

Jan. 20	15.33	June 2	15.71	Aug. 7	16.18
Mar. 25	15.43	July 7	15.94	Oct. 15	16.78
May 6	15.60				

4-4-21bb

Jan. 20	6.78	June 2	6.88	Aug. 7	7.53
Mar. 25	6.71	July 7	7.21	Oct. 15	7.97
May 6	6.96				

4-4-28cc. Measurements discontinued

4-4-28dd. Measurements discontinued

4-4-29cb

Date	Water level	Date	Water level	Date	Water level
Jan. 20	17.22	June 2	17.55	Aug. 7	18.27
Mar. 25	17.35	July 7	18.07	Oct. 15	19.00
May 6	17.49				

4-4-32cd

Jan. 20	21.40	June 2	21.80	Aug. 7	22.12
Mar. 25	21.33	July 7	22.30	Oct. 15	22.77
May 6	21.58				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

4-5-lac

Date	Water level	Date	Water level	Date	Water level
Jan. 20	31.77	June 2	32.34	Aug. 7	33.19
Mar. 25	31.79	July 7	32.38	Oct. 15	33.66
May 6	31.78				

5-3-19bb

Jan. 20	20.43	June 2	20.49	Aug. 7	20.74
Mar. 25	20.13	July 7	20.48	Oct. 15	21.25
May 6	20.39				

5-3-20aa

Jan. 20	15.46	June 2	15.32	Aug. 7	15.78
Mar. 25	15.33	July 7	15.52	Oct. 15	16.26
May 6	15.43				

5-3-20dd

Jan. 20	10.50	June 2	10.30	Aug. 7	10.95
Mar. 25	10.48	July 7	10.74	Oct. 15	11.30
May 6	10.65				

5-3-23cb

Jan. 20	6.85	June 2	6.05	Aug. 7	7.90
Mar. 25	6.47	July 7	7.37	Oct. 15	8.66
May 6	6.16				

5-3-24cb

Jan. 20	6.83	June 2	6.12	Aug. 7	6.06
Mar. 25	6.28	July 7	6.03	Oct. 15	6.08
May 6	6.24				

5-3-27dd. Measurements discontinued

5-3-29dd

Date	Water level	Date	Water level	Date	Water level
Jan. 20	13.13	June 2	13.51	Aug. 7	15.48
Mar. 25	12.79	July 7	14.58	Oct. 15	16.63
May 6	13.20				

Table 3.--Water-level measurements, in feet below land-surface datum, in the Bostwick unit, 1953.--Continued

5-3-31bc

Date	Water level	Date	Water level	Date	Water level
Jan. 20	21.25	June 2	21.77	Aug. 7	22.12
Mar. 25	21.70	July 7	21.91	Oct. 15	22.68
May 6	21.65				

5-3-34aa. Measurements discontinued

5-4-8dd

Date	Water level	Date	Water level	Date	Water level
Jan. 20	14.70	June 2	15.18	Aug. 7	16.15
Mar. 25	14.86	July 7	15.75	Oct. 15	16.32
May 6	15.12				

5-4-9aa

Jan. 20	3.39	June 2	3.50	Aug. 7	4.78
Mar. 25	3.24	July 7	4.36	Oct. 15	5.23
May 6	3.53				

5-4-11dd

Jan. 20	19.79	June 2	20.15	Aug. 7	20.17
Mar. 25	19.84	July 7	20.21	Oct. 15	20.67
May 6	20.08				

5-4-14bc

Jan. 20	7.21	June 2	7.53	Aug. 7	7.98
Mar. 25	7.18	July 7	7.79	Oct. 15	8.33
May 6	7.50				

5-4-15aa

Jan. 20	12.08	June 2	12.33	Aug. 7	12.77
Mar. 25	12.01	July 7	12.62	Oct. 15	13.24
May 6	12.33				

CEDAR BLUFF UNIT

Table 4.--Water-level measurements, in feet below land-surface datum, in the
the Cedar Bluff unit, 1953

14-16-17cb. Feb. 24, 19.09
14-16-36bc. No measurements in 1953
14-18-12bb. Feb. 24, 20.40
14-18-26aa. Feb. 24, 19.41
14-19-31cc. No measurements in 1953
14-20-31cc. No measurements in 1953
14-20-32dd. Feb. 24, 22.95
14-20-35cc. No measurements in 1953; plugged at top foot
14-21-25dd. Measurements discontinued
14-21-28cc. Measurements discontinued
14-21-30cd. Feb. 24, 4.44
14-21-33bb. Feb. 24, 14.63
14-21-35cc. Measurements discontinued
14-22-36aa. Feb. 24, 29.28
14-22-36ada. Feb. 24, 8.61
14-22-36da. Measurements discontinued
15-16-6dd. Feb. 24, 21.10
15-16-13bb. No measurements in 1953
15-17-25cb. Measurements discontinued
15-18-1bb. Feb. 24, 17.30
15-18-7bb. Measurements discontinued; well dry
15-18-7cc. Measurements discontinued; well dry

Table 4.--Water-level measurements, in feet below land-surface datum, in the
the Cedar Bluff unit, 1953.--Continued

15-18-16bb. Feb. 24, 9.53
15-18-18cc. Measurements discontinued
15-18-27cb. Feb. 24, 10.18
15-19-4cbb. Measurements discontinued
15-19-4da. Feb. 24, 5.35
15-19-5cbb. Feb. 24, 23.93; measurements discontinued
15-19-6aa. No measurements in 1953
15-19-7bc. Feb. 24, 21.97
15-19-8bbb. Feb. 24, 20.61
15-19-9bbb. Feb. 24, 33.12
15-19-9cc. Feb. 24, 34.95
15-19-10ab. Feb. 24, 17.90
15-19-10bbb. Measurements discontinued; well dry
15-19-10cbb. Measurements discontinued; well dry
15-19-13ab. Feb. 24, 6.32
15-19-14aab. Measurements discontinued; well dry
15-19-15bc. Feb. 24, 23.33
15-19-15dd. Feb. 24, 24.92
15-19-16cb. Feb. 24, 27.75
15-19-22add. Measurements discontinued
15-19-22dd. Measurements discontinued
15-19-24bc. Feb. 24, 8.90
15-19-24cd. Feb. 24, 22.30
15-19-25aa. Feb. 24, 14.81
15-20-1bbb. Feb. 24, 21.92
15-20-2bc. Measurements discontinued; well dry

Table 4.--Water-level measurements, in feet below land-surface datum, in the Cedar Bluff unit, 1953.--Continued

15-20-2da. Feb. 24, 10.00
 15-20-4ccc. Feb. 24, 8.54
 15-20-4ccb. Feb. 24, 24.32
 15-20-4da. Measurements discontinued
 15-20-9aa. Feb. 24, 18.9; measurements discontinued
 15-20-1lad. Measurements discontinued; well dry
 15-20-12aa. Feb. 24, 38.12
 15-22-1ab. Feb. 24, 11.75

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GLEN ELDER UNIT

Table 5.--Water-level measurements, in feet below land-surface datum, in the Glen Elder unit, 1953

6-8-34cc. Mar. 17, 16.82; May 20, 16.83; Nov. 2, 17.04
 6-9-27ab. Mar. 17, 18.56; May 20, 18.51; Nov. 2, 17.03
 6-9-30da. Mar. 17, 27.19; May 20, 27.55; Nov. 2, 28.82
 7-6-30bc. Measurements discontinued
 7-6-34cb. Mar. 18, 26.31; May 20, 26.62; Nov. 2, 27.91
 7-7-7aa. Mar. 17, 25.27; May 20, 25.53; Nov. 2, 26.51
 7-7-15dc. Mar. 18, 17.97; May 20, 18.21; Nov. 2, 20.09
 7-8-5cb. Mar. 17, 26.54; May 20, 27.09; Nov. 2, 28.37
 7-9-2bc. Measurements discontinued
 7-10-10cc. Mar. 17, 24.25; measurements discontinued

KANOPOLIS UNIT

Table 6.--Water-level measurements, in feet below land-surface datum, in the Kanopolis unit, 1953

14-2-19dc. Jan. 10, 16.54; Mar. 13, 17.15; July 23, 15.40
 14-2-30cd. Jan. 10, 14.07; Mar. 13, 14.13; July 23, 14.46
 14-2-31ccc. Jan. 10, 14.12; Mar. 13, 16.17
 14-3-25ad. Jan. 10, 11.68; Mar. 13, 12.44; July 23, 12.94
 14-3-36abb. Jan. 10, 5.12; Mar. 13, 5.36; measurements discontinued
 15-2-6aa. Jan. 10, 18.14; Mar. 13, 18.44; July 23, 18.82
 15-2-6dd. Jan. 10, 17.96; Mar. 13, 18.15; July 23, 18.09
 15-2-17cd. Jan. 10, 24.04; Mar. 13, 24.37; July 23, 24.89
 15-2-18cd

Date	Water level	Date	Water level	Date	Water level
Jan. 10	24.40	June 20	23.87	Sept. 26	24.62
Mar. 13	23.79	July 23	24.16	Nov. 23	25.00
Apr. 13	23.53				

15-2-19bb. Jan. 10, 15.98; Mar. 13, 16.70; July 23, 18.03
 15-2-30ccc. Jan. 10, 15.51; Mar. 13, 16.70; July 23, 18.19
 15-2-30dc. Jan. 10, 20.17; Mar. 13, 20.53; July 23, 21.24
 15-2-31ccc. Jan. 10, 9.40; Mar. 13, 9.45; July 23, 10.11
 15-2-32baa. Jan. 10, 23.83; Mar. 13, 24.78; July 23, 24.93
 15-3-1cc. Jan. 10, 6.84; Mar. 13, 7.40; July 23, 8.12
 15-3-12ab. Jan. 10, 16.74; Mar. 13, 17.50; July 23, 18.87
 15-3-12cd. Measurements discontinued
 15-3-12dd. Jan. 10, 19.20; Mar. 13, 19.43; July 23, 20.05
 15-3-13ccc. Jan. 10, 18.20; Mar. 13, 18.54; July 23, 20.24

Table 6.--Water-level measurements, in feet below land-surface datum, in the Kanopolis unit, 1953.--Continued

15-3-24dd.	Jan. 10, 17.05; Mar. 13, 17.59; July 23, 18.27
15-3-25ccd.	Jan. 10, 10.78; Mar. 13, 10.73; July 23, 12.92
15-3-36ab.	Jan. 10, 23.34; Mar. 13, 24.05; July 23, 25.08
16-2-7bb.	Jan. 10, 19.11; Mar. 13, 19.61; July 23, 20.58
16-2-8ccc.	Jan. 10, 23.28; Mar. 13, 23.70; July 23, 14.09
16-2-18aabb.	Jan. 10, 28.42; measurements discontinued
16-2-18cc.	Jan. 10, 25.45; Mar. 13, 25.58; July 23, 25.31
16-2-19ab.	Jan. 10, 23.56; Mar. 13, 23.74; measurements discontinued
16-3-12bcb.	Jan. 10, 10.92; Mar. 13, 11.63; July 23, 12.29
16-3-13aaa.	Jan. 10, 21.22; Mar. 13, 21.64; July 23, 20.96
16-3-13abb.	Measurements discontinued
16-3-13cd.	Jan. 10, 22.36; Mar. 13, 22.75; July 23, 22.57
16-3-24ddd.	July 23, 20.40
16-3-26aad.	Jan. 10, 14.72; Mar. 13, 15.70; measurements discontinued
16-3-26dc.	Jan. 10, 20.19; Mar. 13, 20.31; July 23, 21.41
16-3-33ddd.	Jan. 10, 14.53; Mar. 13, 14.90; July 23, 15.80
16-3-34dd.	Jan. 10, 21.29; Mar. 13, 21.90; measurements discontinued
16-6-35bdd.	Jan. 10, 19.54; Mar. 13, 19.61; July 23, 19.95
17-3-2add.	Jan. 10, 13.55; Mar. 13, 13.85; measurements discontinued
17-3-3ddd.	No measurements in 1953
17-3-4bbb.	Jan. 10, 17.33; Mar. 13, 17.10; July 23, 17.22
17-3-5ccc.	Jan. 10, 4.74; Mar. 13, 4.13; measurements discontinued
17-3-9bcc.	Jan. 10, 15.67; Mar. 13, 15.97; July 23, 17.05
17-3-9ddd.	Jan. 10, 19.70; Mar. 13, 20.28; measurements discontinued

Table 6.--Water-level measurements, in feet below land-surface datum, in the Kanopolis unit, 1953.--Continued

17-3-10bbb. Jan. 10, 17.66; Mar. 13, 18.19; July 23, 18.53
17-3-10dcc3. Jan. 10, 21.54; Mar. 13, 21.86; measurements discontinued
17-3-16ddd. Jan. 10, 24.03; Mar. 13, 24.70; measurements discontinued
17-3-17dd. Jan. 10, 25.65; Mar. 13, 25.89; July 23, 26.97
17-3-18dd. Jan. 10, 25.97; Mar. 13, 26.41; July 23, 27.02
17-3-19ddd. Jan. 10, 22.83; Mar. 13, 23.20; July 23, 23.60
17-3-21cbb. Measurements discontinued
17-3-30dd. Jan. 10, 29.59; Mar. 13, 29.76; July 23, 30.53
17-4-20add. Jan. 10, 8.48; Mar. 13, 9.30; July 23, 8.83
17-4-21bcc. Jan. 10, 9.13; Mar. 13, 8.80; July 23, 9.44; measurements discontinued
17-4-25dd. Mar. 13, 23.46; July 23, 24.26
17-4-26ddd. Jan. 10, 24.99; Mar. 13, 25.64; July 23, 25.96
17-4-29ccc. Jan. 10, 19.30; Mar. 13, 19.59
17-4-31baa. July 23, 16.34
17-4-32baa. Jan. 10, 11.59; Mar. 13, 21.05; July 23, 21.32
17-4-33ebb. Jan. 10, 23.55; Mar. 13, 23.82; measurements discontinued
17-4-33bbb. Jan. 10, 21.93; Mar. 13, 22.38; July 23, 22.82; measurements discontinued
17-4-34add. Jan. 10, 24.51; Mar. 13, 24.97; July 23, 24.85
17-4-36abb. Jan. 10, 21.88; Mar. 13, 22.35; July 23, 23.00
17-5-4ddd. Jan. 10, 16.41; Mar. 13, 16.53; measurements discontinued
17-5-5cdd. No measurements in 1953
17-5-7add. Jan. 10, 14.99; Mar. 13, 14.95; July 23, 15.18



Table 6.--Water-level measurements, in feet below land-surface datum, in the Kanopolis unit, 1953.--Continued

17-5-7bbb. Jan. 10, 22.84; Mar. 13, 22.64; July 23, 24.28
 17-5-8ccc. Jan. 10, 8.79; Mar. 13, 8.93; July 23, 9.30
 17-5-8ddd. Jan. 10, 8.72; Mar. 13, 10.75; July 23, 10.25
 17-5-11bbb. Jan. 10, 8.64; Mar. 13, 9.15; July 23, 9.75
 17-5-16aaa. Jan. 10, 19.53; Mar. 13, 19.72; July 23, 19.85
 17-5-21dad. Measurements discontinued
 17-5-23ccc. No measurements in 1953
 17-5-25aaa. Jan. 10, 10.25; Mar. 13, 11.12; July 23, 11.06
 17-5-26ddd. Jan. 10, 19.09; Mar. 13, 19.44; July 23, 19.70
 17-6-13aaa. Jan. 10, 22.18; Mar. 13, 22.27; July 23, 22.38

KIRWIN UNIT

Table 7.--Water-level measurements, in feet below land-surface datum, in the Kirwin unit, 1953

4-14-34bc. Mar. 15, 42.48; May 18, 42.55; Nov. 17, 44.65
 4-14-34da. Mar. 15, 16.78; Nov. 17, 18.63
 4-14-34dd. Mar. 15, 25.89; May 18, 26.23; Nov. 17, 26.87
 4-15-31bb. Mar. 15, 31.53; May 18, 31.60; Nov. 17, 31.99
 4-15-31cb. Mar. 15, 13.92; May 18, 14.08; Nov. 17, 14.48
 4-15-34bb. No measurements in 1953
 4-15-34cb. Measurements discontinued
 4-15-35bc. Measurements discontinued
 4-15-35cc. Measurements discontinued

Table 7.--Water-level measurements, in feet below land-surface datum, in the Kirwin unit, 1953.--Continued

4-16-25cc. Mar. 15, 26.28; May 18, 26.60; Nov. 17, 26.99
 4-16-34bb. Mar. 15, 29.83; May 18, 29.78; Nov. 17, 30.12
 4-16-36aa. Mar. 15, 18.42; May 18, 19.41; Nov. 17, 23.09
 4-16-36ad. Mar. 15, 24.29; May 18, 24.35; Nov. 17, 24.92
 4-16-36bb. Mar. 15, 32.08; measurements discontinued
 4-17-31bc. Mar. 16, 50.45; May 18, 50.66; Nov. 3, 52.00
 4-18-30ab. May 24, 6.40; Sept. 11, 9.14
 4-19-35ab. May 18, 10.18; Nov. 3, 11.44
 4-20-21cc. Mar. 16, 47.60; May 18, 47.69; Nov. 3, 47.92
 5-12-31cb. May 18, 10.25; Nov. 17, 10.90
 5-13-4dc. Mar. 15, 13.50; May 18, 13.95; Nov. 17, 17.65
 5-13-21cc. Mar. 15, 26.32; May 18, 26.38; Nov. 17, 26.69
 5-13-22bb. Mar. 15, 7.97; May 18, 8.21; Nov. 17, 9.15
 5-13-22bc. May 18, 10.93; measurements discontinued
 5-13-23cc. Mar. 15, 36.73; measurements discontinued
 5-13-25cc. Mar. 16, 37.88; measurements discontinued
 5-13-25dd. Mar. 15, 18.81; May 18, 19.44; Nov. 17, 20.88
 5-13-27bc. Measurements discontinued
 5-13-27da. Mar. 15, 22.05; May 18, 22.36; measurements discontinued
 5-13-28cb. Mar. 15, 17.20; May 18, 18.02; Nov. 17, 22.30
 5-13-33ba. Mar. 15, 18.38; May 18, 18.99; Nov. 17, 20.29
 5-13-33da. Mar. 15, 15.68; May 18, 16.40; measurements discontinued
 5-13-34bb. Mar. 15, 24.08; May 18, 24.14; Nov. 17, 24.20

Table 7.--Water-level measurements, in feet below land-surface datum, in the Kirwin unit, 1953.--Continued

5-13-34cc. Mar. 15, 14.69; May 18, 15.30; Nov. 17, 17.25
 5-13-35ad. Mar. 15, 20.73; May 18, 20.86; Nov. 17, 21.31
 5-13-36ad. May 18, 10.46; Nov. 17, 11.37
 5-14-1da. Mar. 15, 23.55; May 18, 23.79; Nov. 17, 24.65
 5-14-2ab. May 15, 16.23; May 18, 16.61; Nov. 17, 18.12
 5-14-2ac. Mar. 15, 15.00; May 18, 15.25; Nov. 17, 16.14
 5-14-2ba. Mar. 15, 18.01; May 18, 18.15; Nov. 17, 19.86
 5-14-6aa. Measurements discontinued
 5-14-11ba. Measurements discontinued
 5-14-12aa. Mar. 15, 26.23; May 18, 26.39; Nov. 17, 27.02
 5-14-12da. Mar. 15, 27.09; May 18, 27.28; Nov. 17, 27.90
 5-15-2dc. Mar. 15, 25.93; May 18, 26.36; Nov. 17, 26.86
 5-17-3cd. Measurements discontinued
 5-17-12aa. May 18, 49.24; measurements discontinued
 6-11-34aa. Mar. 15, 31.76; May 18, 32.20; Nov. 17, 33.28
 6-12-7bb. Mar. 15, 32.50; May 18, 32.42; Nov. 17, 32.29
 6-12-7bc. Measurements discontinued
 6-12-7cc. Mar. 15, 43.21; May 18, 43.34; Nov. 17, 43.57
 6-12-7dc. Mar. 15, 20.91; May 18, 21.25; Nov. 17, 22.10
 6-12-20bb. Mar. 15, 35.76; May 18, 35.14; measurements discontinued
 6-12-23cd. Mar. 15, 20.96; May 18, 21.18; Nov. 17, 21.94
 6-13-2bc. Mar. 15, 18.47; measurements discontinued

Table 7.--Water-level measurements, in feet below land-surface datum, in the Kirwin unit, 1953.--Continued

6-13-2da. Mar. 15, 25.79; May 18, 25.87; Nov. 17, 26.25

6-13-2dd. Mar. 15, 30.42; May 18, 30.45; Nov. 17, 30.85

6-13-12ba. Mar. 15, 33.20; May 18, 33.39

ST. FRANCIS UNIT

Table 8.--Water-level measurements, in feet below land-surface datum, in the St. Francis unit, 1953

[New well indicated by an asterisk (*)]

1-38-1cd

Date	Water level	Date	Water level	Date	Water level
Feb. 12	22.86	Sept. 2	24.12	Dec. 22	22.80
June 25	22.99				

1-38-8dd. Feb. 12, 12.90; Sept. 2, 14.91; Dec. 22, 13.80

1-38-17cd

Date	Water level	Date	Water level	Date	Water level
Feb. 12	12.14	Sept. 2	12.87	Dec. 22	12.88
June 25	12.17				

2-39-10bb

Feb. 15	26.28	Sept. 2	26.79	Dec. 22	27.31
June 25	26.43				

2-39-17ba. Feb. 12, 12.82; June 25, 13.77; Sept. 2, 14.47

Table 8.--Water-level measurements, in feet below land-surface datum, in the St. Francis unit, 1953.--Continued

2-39-19cc.

Date	Water level	Date	Water level	Date	Water level
Feb. 12	16.11	Sept. 2	17.48	Dec. 22	17.13
June 25	16.15				

2-39-27bb

Feb. 15	18.40	Sept. 2	18.90	Dec. 22	18.90
June 25	14.99				

3-40-9ba

Feb. 12	20.64	Sept. 2	21.03	Dec. 22	21.45
June 25	20.80				

3-40-22ab

Feb. 15	13.58	Sept. 2	14.55	Dec. 22	15.11
June 25	13.82				

3-40-28bd. Feb. 12, 10.84; June 25, 11.46; Sept. 2, 11.69

3-40-33dd

Date	Water level	Date	Water level	Date	Water level
Feb. 15	13.11	Sept. 2	13.33	Dec. 22	13.44
June 25	13.17				

3-41-13cc

Feb. 12	12.47	Sept. 2	12.12	Dec. 22	9.63
June 25	13.33				

3-42-21bc.* Sept. 2, 201.50; Dec. 23, 201.45

3-42-22dad.* Sept. 3, 143.42

3-42-26cad.* June 29, 181.65; Sept. 2, 177.75; Dec. 23, 177.44

3-42-28dda.* June 26, 151.66; Sept. 2, 151.14; Dec. 23, 151.13

Table 8.--Water-level measurements, in feet below land-surface datum, in the St. Francis unit, 1953.--Continued

4-41-2aa

Date	Water level	Date	Water level	Date	Water level
Feb. 12	25.63	Aug. 26	27.07	Nov. 13	26.11
May 6	25.35				

4-41-32dd

Feb. 12	112.82	Sept. 2	112.82	Dec. 22	113.97
June 25	112.96				

4-42-2ccc* June 26, 176.90; Sept. 2, 176.66; Dec. 22, 177.08

4-42-5aaa* June 26, 191.67; Sept. 2, 190.90

4-42-24ca. June 25, 25.20; Sept. 2, 25.54; Dec. 22, 25.14

5-42-4aa

Date	Water level	Date	Water level	Date	Water level
Feb. 12	22.87	Sept. 2	23.00	Dec. 22	23.08
June 25	23.07				

WEBSTER UNIT

Table 9.--Water-level measurements, in feet below land-surface datum, in the Webster unit, 1953.

7-11-26aa. Mar. 17, 18.95; May 20, 19.14

7-12-28ab. Mar. 16, 28.32; May 20, 31.48; Nov. 2, 31.25

7-13-15da. Mar. 16, 37.65; May 20, 37.67; Nov. 2, 38.45

7-14-6cb. Mar. 16, 21.70; May 20, 21.89; Nov. 2, 22.47

7-14-10dd. May 20, 29.08; Nov. 2, 29.76

7-15-8cc. Mar. 16, 21.38; May 20, 21.52; Nov. 2, 21.89

7-15-12dc. Mar. 16, 22.39; Nov. 2, 21.48

WILSON UNIT

Table 10.--Water-level measurements, in feet below land-surface datum, in the Wilson unit, 1953

11-7-32dc. Mar. 25, 74.00; measurements discontinued

12-6-12cd. No measurements in 1953

12-6-16cc. Measurements discontinued

12-7-18aa. Mar. 24, 20.20

12-7-19dd. Mar. 25, 9.90

12-7-23aa. Mar. 25, 8.22

12-7-34ad. Mar. 25, 47.91

12-8-6aa. Mar. 25, 6.52

12-8-8cd. Mar. 25, 4.85

12-8-11cb. Mar. 25, 19.94

12-9-10ad. Measurements discontinued

12-10-8bb. Mar. 25, 13.77

12-10-13aa. Mar. 25, 18.30

12-10-21dd. Mar. 25, 24.60

