

Ground-Water Levels in the United States 1959-63

Southeastern States

Prepared under the direction of O. M. HACKETT, Chief, Ground Water Branch

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1803

*Prepared in cooperation with the States of
Alabama, Florida, Georgia, Kentucky,
Maryland, Mississippi, North Carolina,
South Carolina, Tennessee, Virginia, and
West Virginia, and with other agencies*



UNITED STATES DEPARTMENT OF THE INTERIOR
STEWART L. UDALL, *Secretary*

GEOLOGICAL SURVEY
William T. Pecora, *Director*

PREFACE

This report was prepared by the Geological Survey in cooperation with the States of Alabama, Florida, Georgia, Kentucky, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia, and with other agencies, by personnel of the Water Resources Division under the direction of:

Luna B. Leopold Chief Hydrologist
O. M. Hackett Chief, Ground Water Branch
W. J. Powell District Geologist (Ground Water), University, Ala.
C. S. Conover District Engineer (Ground Water), Tallahassee, Fla.
H. B. Counts District Engineer (Ground Water), Atlanta, Ga.
R. V. Cushman District Geologist (Ground Water), Louisville, Ky.
E. G. Otton District Geologist (Ground Water), Baltimore, Md.
J. W. Lang District Geologist (Ground Water), Jackson, Miss.
G. G. Wyrick Acting District Geologist (Ground Water), Raleigh, N. C.
G. E. Siple District Geologist (Ground Water), Columbia, S. C.
J. S. Cragwall, Jr. District Chief (Water Resources), Chattanooga, Tenn.
H. C. Barksdale Branch Area Chief (Ground Water), Arlington, Va.
Gerald Meyer District Geologist (Ground Water), Morgantown, W. Va.

CONTENTS

	Page
Introduction, by O. M. Hackett.	1
Alabama, by D. M. O'Rear and R. E. Pate, Jr.	3
Florida, by H. G. Healy	32
Georgia, by H. E. Blanchard, Jr.	114
Kentucky, by D. V. Whitesides and Hazel C. Douthitt.	133
Maryland, by Claire A. Richardson.	167
Mississippi, by B. E. Ellison	177
North Carolina, by J. K. Hunsucker	199
South Carolina, by G. E. Siple and N. C. Koch.	212
Tennessee, by R. H. Bingham	224
Virginia, by Charles R. Austin and Rodney Hart	240
West Virginia, by Gerald Meyer and B. M. Wilmoth	250

ILLUSTRATIONS

Figure 1. Outline map of the United States showing States included in this volume . . .	2
2-12. Location of observation wells, 1959-63, in	
2. Alabama	4
3. Florida	34
4. Georgia	116
5. Kentucky	134
6. Maryland	168
7. Mississippi	178
8. North Carolina	200
9. South Carolina	213
10. Tennessee	225
11. Virginia	241
12. West Virginia	251

GROUND-WATER LEVELS IN
THE UNITED STATES
1959-63

SOUTHEASTERN STATES

INTRODUCTION

By O. M. Hackett

Publication of records of water levels in the United States in the annual series of water-supply papers was begun by the Geological Survey in 1935. From 1935 through 1937, 5 volumes were issued as Water-Supply Papers 777, 817, 840, 845, and 886. From 1940 through 1955, 6 volumes, each for a separate section of the United States as shown in figure 1, were published annually.

Beginning in 1956, only water-level data from a basic network of observation wells has been published. This basic network provides observation wells so located that the most significant data are obtained from the fewest wells in the most important aquifers. In some States the basic network forms the skeletal index of a more comprehensive observation-well program. Publications that contain substantial additional water-level data are listed at the end of each State report in this volume. The following table gives the number of water-supply papers by year and section.

Year	North-eastern (1)	South-eastern (2)	North-central (3)	South-central (4)	North-western (5)	South-western (6)
1940	906	907	908	909	910	911
1941	936	937	938	939	940	941
1942	944	945	946	947	948	949
1943	986	987	988	989	990	991
1944	1016	1017	1018	1019	1020	1021
1945	1023	1024	1025	1026	1027	1028
1946	1071	1072	1073	1074	1075	1076
1947	1096	1097	1098	1099	1100	1101
1948	1126	1127	1128	1129	1130	1131
1949	1156	1157	1158	1159	1160	1161
1950	1165	1166	1167	1168	1169	1170
1951	1191	1192	1193	1194	1195	1196
1952	1221	1222	1223	1224	1225	1226
1953	1265	1266	1267	1268	1269	1270
1954	1321	1322	1323	1324	1325	1326
1955	1404	1405	1406	1407	1408	1409
1956	....	....	1456	....	....	....
1956-57	1537	....	....	....	....	....
1956-58	....	1538	....	....	....	....
1956-59	....	....	....	1549	....	....
1956-60	....	....	....	....	1760	1770
1957-61	....	....	1781	....	....	....
1958-62	1782	....	....	....	....	....
1959-63	....	1803	....	....	....	....

Each well is identified by means of (1) a local number that is provided for continuity with older reports and for other use as dictated by local needs, and (2) a code number that is based on the universal system of latitude and longitude. The latter number serves not only to identify the well but also to locate it as a point on a map. For maximum utility, latitude and longitude code numbers are determined to seconds in order that each well may have a unique number.

The first six digits represent degrees, minutes, and seconds of latitude; "N" refers to north latitude and is used to break up the string of numbers; the next seven digits are degrees, minutes, and seconds of west longitude; and the number after the decimal point is a sequential number assigned in the order in which the wells are located in a 1-second square quadrangle.

A well spotted on a map may be assigned a precise code number even though the map location may not represent the accurate location of the well on the ground. Judgment as to the accuracy of the well location is indicated as follows:

1. Both field location and map spotting are accurate to nearest second of latitude and longitude: Coordinates to seconds are used but with no underscoring.
2. Not accurate to nearest seconds but accurate to better than 10 seconds of latitude and longitude: Coordinates to the nearest second are used, but 1-second digits are underscored.

3. Accurate to nearest 10 seconds of latitude and longitude: Coordinates to nearest 10 seconds are used, but 10-second digits are underscored.
4. Accurate to nearest minute: Seconds of latitude and longitude are used but digits for minutes are underscored.
5. Where map scales permit determination only to minutes, zeros for seconds of latitude and longitude are used and digits for minutes are underscored.

In the collection of water-level data to serve the objectives of the observation-well program, the problem generally is to measure changes in water level accurately, rather than to determine the absolute position of the water surface. Because the measurements are made in many types of wells, under varying conditions of access and at different temperatures, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the best possible combination of measuring technique and equipment is selected, and so long as it is not changed, the measurements at each well will be consistent.

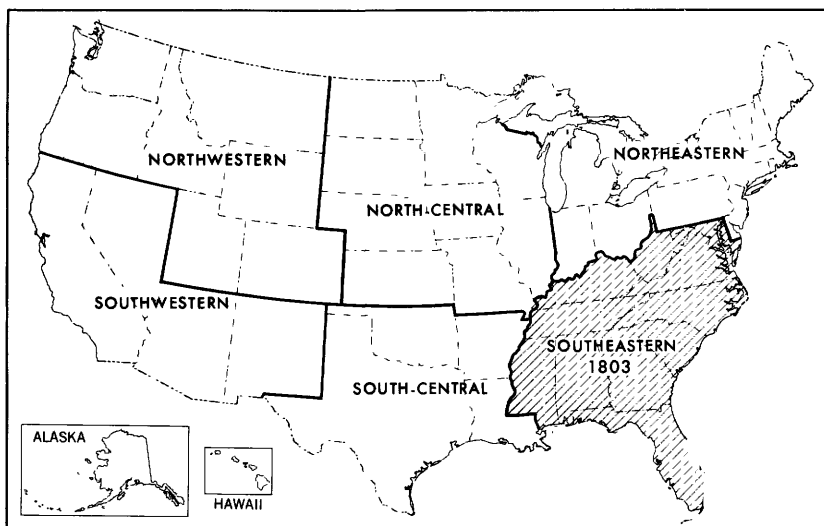


Figure 1. --Outline map of the United States showing States included in this volume.

Water-level measurements in this report are given in feet with reference to either mean sea level (msl) or land-surface datum (lsd). Mean sea level is the datum plane on which the national network of precise levels is based; land-surface datum is a precise datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above mean sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. A plus sign (+) is placed before a measurement if the level is above the plane of reference. Measurements of water levels in wells equipped with recording gages are given for every fifth day and the end of each month (eom).

Water levels are reported to as many significant figures as can be justified by the local conditions, and the end use of the information. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, in view of the principal use to which the data are put, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit.

Measurements were made under the direction of the appropriate district supervisors in the several States.

Joy L. Charbonneau was responsible for the compilation and typing of this report.

ALABAMA

By D. M. O'Rear and R. E. Pate, Jr.

The observation-well program in Alabama was continued during 1959 through 1963 in co-operation with the Geological Survey of Alabama. Additional water-level measurements for observation wells equipped with recording gages are published periodically as Information Series or Circulars by the Geological Survey of Alabama. These reports include a more elaborate text with hydrographs and other illustrations (O'Rear, 1960 and 1964). Figure 2 shows the location of observation wells included in this report.

Well-Numbering System

Wells are designated by abbreviations derived from county names and by serial numbers. For example, Bal-1 is well 1 in Baldwin County.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum unless otherwise indicated. Barometric leveling used in referencing land-surface datum is accurate to nearest 5 feet.

Baldwin County

302435N0874140.1. Local number Bal-1. Riviera Utilities. In waterworks lot. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 7 S., R. 4 E. Drilled unused artesian well in sand and gravel of Citronelle Formation of Pliocene age, diam 24 to 12 in, depth 146 ft, cased to 146. Lsd 76 ft above msl. MP top of 12-in casing, 1.60 ft above lsd. Highest water level 15.0 below lsd, Oct. 13, 1959; lowest 31.2 below lsd, June 22, 1956. Records available: 1949-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	22.6	23.0	22.6	21.3	21.5	21.7	21.0	20.6	20.4	19.1	16.6	17.4
10	21.4	22.9	22.5	21.7	21.6	21.4	20.9	20.6	20.4	19.1	16.5	17.8
15	23.4	22.3	21.8	21.6	21.7	21.3	20.9	20.5	20.0	18.5	16.0	17.9
20	22.8	22.9	22.2	21.5	22.2	21.2	20.8	20.5	19.1	17.8	16.7	17.6
25	22.8	22.8	22.2	21.5	21.8	21.2	20.6	20.5	19.5	17.3	17.0	17.7
Eom	23.0	22.8	22.0	21.4	21.7	21.1	20.7	20.4	19.3	16.9	17.4	18.4

1960

5	18.4	18.3	18.5	17.9	18.0	19.5	20.7	21.2	20.7	21.2	21.1	21.5
10	18.0	18.1	18.3	17.1	18.3	20.2	20.8	21.2	20.7	20.8	21.2	21.6
15	18.4	18.7	18.4	17.2	18.1	20.3	20.9	20.9	20.3	20.7	21.4	21.6
20	18.5	18.5	18.4	17.3	19.0	20.5	20.9	21.0	20.2	20.9	21.0	21.7
25	18.4	18.3	18.3	17.4	19.1	20.5	20.8	21.1	20.0	20.9	21.7	21.3
Eom	17.9	18.4	18.0	17.7	19.6	20.4	20.8	21.1	20.4	21.0	21.5	21.7

1961

5	22.0	21.5	20.3	19.8	18.5	20.4	20.5	20.2	19.1	19.3	20.3	21.0
10	22.1	21.9	20.8	19.6	19.4	20.6	20.4	20.0	19.1	19.4	20.5	20.4
15	22.0	21.9	20.5	19.3	19.7	20.7	20.1	20.6	19.0	19.6	20.6	21.0
20	22.1	21.6	20.4	19.4	19.9	20.6	20.2	....	18.9	19.7	20.8	21.0
25	22.2	21.3	20.3	19.3	20.1	20.0	20.2	19.5	18.9	20.0	20.8	20.9
Eom	22.1	21.2	....	19.3	20.2	21.6	20.3	19.3	19.1	20.1	20.9	20.1

1962

5	20.5	20.0	20.1	20.3	20.9	22.7	22.5	22.2	23.0	22.9	23.7	24.1
10	20.5	20.0	20.0	20.5	21.2	22.2	22.6	22.6	22.5	23.6	23.4	24.1
15	20.3	20.1	20.2	19.9	21.5	22.4	22.7	22.3	22.8	23.1	23.8	24.2
20	20.2	20.0	20.2	20.6	21.6	22.3	22.7	22.4	23.1	23.3	24.2	24.3
25	20.0	20.0	20.2	20.7	21.8	22.4	22.9	22.1	23.0	23.7	24.2	23.9
Eom	20.1	20.1	20.3	20.8	22.1	22.4	22.3	22.0	23.0	23.7	24.3	23.7

e Estimated.

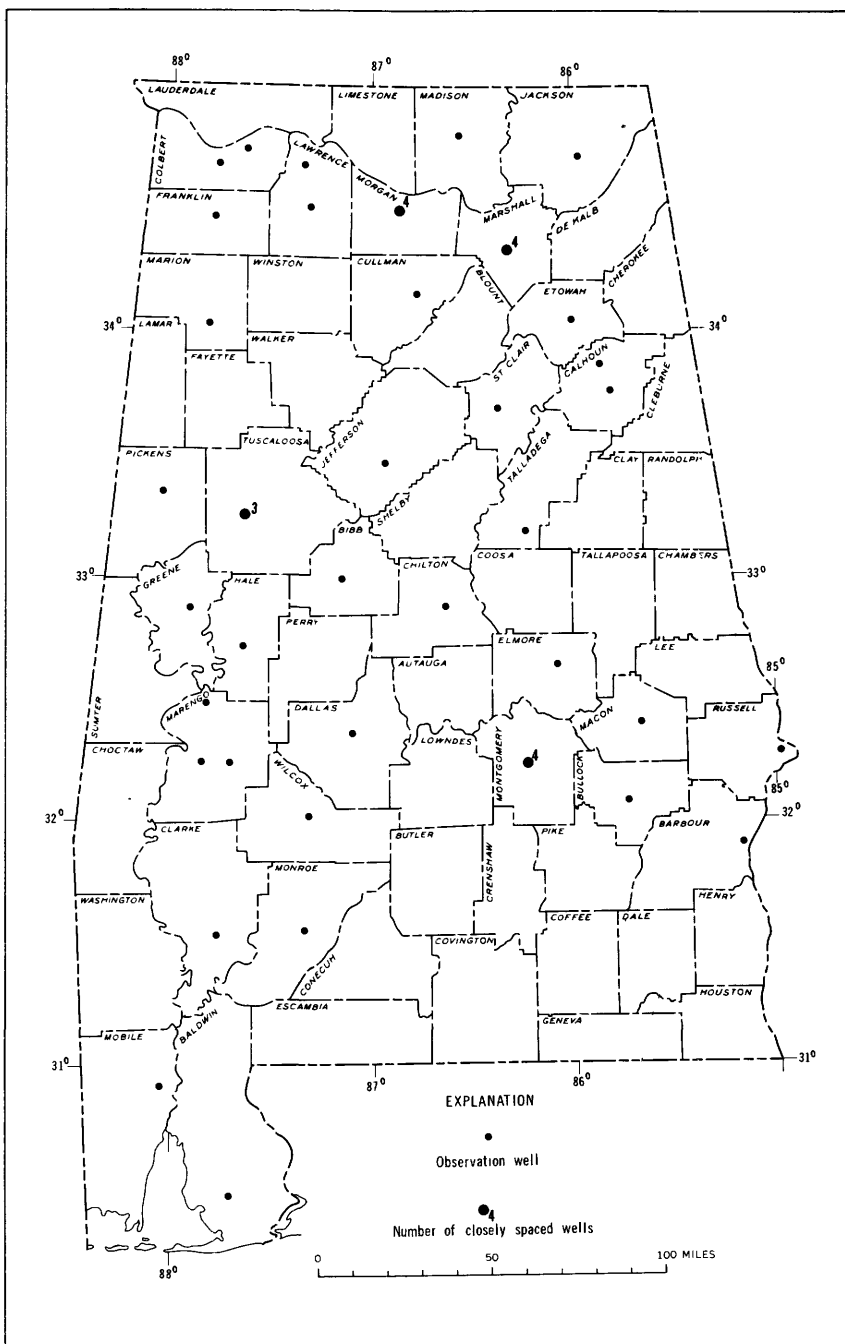


Figure 2.--Location of observation wells in Alabama, 1959-63.

302435N0874140.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	23.7	23.8	23.6	23.6	23.9	24.6	24.9	25.1	25.3	25.4	25.8	26.1
10	23.7	23.8	23.5	23.6	23.9	24.6	25.0	25.2	25.3	25.5	25.8	26.1
15	23.8	23.8	23.5	23.6	24.0	24.7	25.0	25.1	25.3	25.5	25.8	26.2
20	23.9	23.8	23.6	23.7	24.1	24.8	25.1	25.2	25.3	25.6	25.9	26.2
25	23.7	23.7	23.5	23.8	24.2	24.8	25.2	25.2	25.3	25.6	26.0	26.2
Eom	23.7	23.6	23.6	23.9	24.4	24.9	25.1	25.2	25.4	25.7	26.1	26.2

Barbour County

315340N0850825.1. Local number Bar-1. A. I. Grubb. Eufaula. East of Orange St., between Union and Washington Sts. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 11 N., R. 29 E. Drilled unused artesian well in Tuscaloosa Group of Late Cretaceous age, diam 6 in, reported depth 1,200 ft. Lsd 238 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 49.8 below lsd, Dec. 16-19, 1963; lowest 60.3 below lsd, May 14-16, 28-31, June 1, 19-20, 1962. Records available: 1962-63.

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	60.1	60.2	60.2	60.0	59.9	59.7	59.3	57.7
10	60.1	60.2	60.2	60.0	59.9	59.7	59.1	....
15	60.3	60.1	60.1	60.0	59.9	59.7	59.0	58.1
20	60.0	60.2	60.3	60.2	60.0	59.9	59.7	58.9	58.2
25	60.1	60.2	60.1	60.2	59.9	60.0	59.7	58.6	58.3
Eom	60.0	60.3	60.2	60.1	59.9	59.9	59.5	57.8	58.1

1963

5	58.0	57.3	57.1	53.5	54.3	54.1	53.5	52.7	52.2	51.6	51.2	....
10	58.1	56.9	56.6	54.1	54.3	54.1	53.5	52.9	52.2	....	51.2	....
15	....	56.4	55.8	....	54.3	54.1	53.5	53.0	52.2	51.4	51.2	....
20	57.7	56.7	54.4	54.8	54.4	53.8	53.6	52.9	52.3	51.3	....	49.9
25	57.1	57.0	53.7	54.8	54.3	53.5	53.2	52.6	52.3	51.2	....	50.1
Eom	57.5	57.1	53.1	54.7	54.1	53.5	52.7	52.3	51.8	51.2	....	50.1

Bibb County

325535N0870740.1. Local number Bib-1. Centreville Gin and Cotton Co. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 23 N., R. 9 E. Drilled unused artesian well in sand of Tuscaloosa Group of Late Cretaceous age, diam 8 in, depth 404 ft, cased to 80, open hole. Lsd 230.93 ft above msl. MP top of casing, 0.43 ft above lsd. Highest water level 18.0 below lsd, Apr. 2, 1951; lowest 37.3 below lsd, Oct. 16-17, 20, 22-24, 26, 30-31, Nov. 1, 1954. Records available: 1948-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.4	27.3	26.4	26.7	27.7	26.7	28.7	29.2	29.8	30.0	29.3	28.9
10	29.1	25.8	26.3	27.0	28.1	27.1	29.0	29.2	29.6	29.8	28.2	29.1
15	29.0	25.4	25.4	26.6	28.2	27.4	28.9	29.5	29.3	29.5	28.7	28.7
20	28.5	26.4	26.0	26.8	28.0	28.0	28.9	29.6	29.2	29.2	28.9	28.5
25	26.9	26.9	25.9	27.1	27.5	28.5	29.2	29.7	29.6	28.7	29.1	28.8
Eom	27.8	27.1	26.2	27.2	26.6	28.8	29.4	29.8	29.7	29.2	28.8	28.7

1960

5	27.9	26.1	24.9	e26.4	27.9	28.7	30.0	30.3	30.3	30.4	30.8	30.4
10	27.7	26.8	e26.3	e26.5	27.7	29.2	31.0	30.4	30.5	30.2	30.8	30.5
15	28.0	27.0	24.9	26.6	28.2	29.4	30.3	29.7	30.7	30.4	30.7	30.1
20	26.8	27.1	e24.6	26.9	28.6	29.5	30.4	30.0	30.2	30.5	30.8	30.1
25	27.4	25.9	e25.3	27.2	28.7	29.8	30.0	29.8	30.4	30.6	30.3	29.7
Eom	25.3	26.5	e26.0	27.6	29.0	29.8	30.1	30.2	30.3	30.5	30.4	29.9

1961

5	29.4	29.3	e25.0	23.7	26.1	27.9	27.9	....	....	....	30.3	29.8
10	29.8	28.9	23.4	24.6	26.4	28.0	28.4	....	....	29.9	30.2	29.4
15	29.9	29.4	....	24.3	26.8	28.1	27.0	29.0	29.2	30.1	30.2	23.4
20	29.9	26.6	....	25.2	27.1	28.0	....	29.2	....	30.2	30.2	23.0
25	29.8	20.9	....	25.6	27.3	27.9	....	29.2	....	30.4	29.5	25.7
Eom	29.4	23.5	24.4	25.4	27.7	27.5	....	....	....	30.3	29.7	26.3

e Estimated.

325535N0870740.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.2	25.2	25.5	25.5	26.4	28.2	...	29.0	30.0	30.0	....	30.1
10	25.4	25.8	25.6	24.9	26.8	28.6	28.4	29.1	30.1	30.3	....	30.2
15	25.8	26.1	25.3	24.1	27.3	28.3	28.9	29.5	30.2	30.4	....	30.2
20	23.8	26.2	25.7	25.3	27.5	....	28.8	29.4	30.1	30.5	....	30.3
25	24.1	23.5	25.9	25.7	27.9	....	28.9	29.4	30.3	....	....	30.2
Eom	23.8	24.7	26.0	25.8	28.1	....	28.7	29.8	30.4	....	29.9	29.8
1963												
5	....	26.0	27.3	27.5	26.6	28.8	e27.4	27.6	28.9	29.4	29.7	29.3
10	....	27.4	26.1	27.6	27.6	....	e27.7	28.1	29.1	29.6	29.7	29.4
15	28.7	28.1	25.1	28.1	28.2	....	28.1	28.0	29.2	29.7	29.9	27.8
20	27.8	27.7	26.1	28.4	28.8	....	27.7	28.4	29.2	29.7	29.8	28.4
25	27.1	27.8	26.7	28.3	29.2	25.0	27.9	28.5	29.5	29.8	29.6	28.7
Eom	27.6	28.0	27.0	26.3	28.1	e26.7	27.4	28.8	29.2	29.8	29.2	29.0

e Estimated.

Bullock County

321145N0854110.1. Local number Bul-1. State of Alabama. Camp Union Springs. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 31, T. 14 N., R. 24 E. Drilled unused artesian well in Eutaw Formation of Late Cretaceous age, diam 6 in, depth 882 ft, casing depth and finish unknown. Lsd 542 ft above msl. MP top of casing, at lsd. Highest water level 322.60 below lsd, Mar. 23, 1961; lowest 339.17 below lsd, Dec. 2, 1963. Records available: 1960-63.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	328.46	330.73	.....	.....	.....	326.19	325.09
10	330.11	.....	.....	.....	326.10	324.88
15	328.84	328.35	.....	.....	328.70	327.49	326.02	.....
20	329.35	333.99	.....	328.76	327.47	325.33	.....
25	329.94	336.27	.....	327.69	327.55	325.69	324.66
Eom	330.31	336.42	.....	.....	327.14	325.55	.....

1961

5	324.50	325.34	323.38	.....	323.21	324.53	.....	327.83	329.28	329.21	328.76	.....
10	324.73	324.14	323.71	.....	324.05	.....	.....	328.35	329.48	329.15	328.69	.....
15	323.81	324.54	323.32	323.87	323.52	.....	326.58	328.72	331.25	329.17	328.31	.....
20	.....	.....	.....	323.06	323.20	.....	326.93	328.76	.....	328.78	.....	327.69
25	.....	.....	323.18	323.46	323.19	.....	327.47	329.01	.....	328.81	327.97	327.43
Eom	.....	.....	.....	323.22	323.70	.....	327.61	329.29	329.29	329.01	328.99	328.43

1962

5	327.68	327.05	326.73	.....	.....	330.03	332.00	334.60	.....	.....	.....	.....
10	.....	326.82	326.73	.....	.....	330.28	332.14	335.49	.....	332.77	331.69	331.42
15	.....	326.70	326.50	.....	328.52	.....	331.88	335.00	.....	332.70	331.84	331.32
20	326.91	.....	327.12	327.44	328.94	331.31	332.82	.....	333.83	332.36	331.83	331.77
25	326.76	326.80	327.01	327.89	329.24	331.13	333.16	.....	333.57	332.61	331.34	.....
Eom	327.15	.....	.....	327.61	329.99	331.54	334.99	.....	.....	332.27	.....	.....

1963

5	.....	335.75	.....	332.85	332.80	333.77	.....	337.10	335.74	.....	.....	338.90
10	332.88	.....	332.78	332.55	332.30	334.93	.....	337.10	.....	337.14	.....	337.93
15	331.97	.....	332.70	332.67	333.32	336.58	.....	337.36	.....	336.75	339.00	338.32
20	331.41	.....	332.54	332.39	333.52	336.53	336.95	337.29	336.94	337.11	337.72	337.89
25	332.50	.....	333.03	332.69	333.68	335.01	337.62	336.40	336.63	.....	336.91	336.94
Eom	333.04	.....	332.88	332.88	334.09	335.17	336.96	336.15	.....	.....	338.02	336.94

e Estimated.

h Tape measurement.

Calhoun County

334211N0854913.1. Local number Cal-1. U.S. Geol. Survey. Fort McClellan. NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 20, T. 15 S., R. 8 E. Drilled observation artesian well in Conasauga Formation of Middle and Late Cambrian age, diam 6 in, depth 212 ft, cased to 124, slotted 97-122. Lsd 732 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 7.68 below lsd, Feb. 26, 1962; lowest 62.34 below lsd, Dec. 9, 1961. Records available: 1960-63.

334211N0854913.1--Continued.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	36.90	45.18	.....	.....	55.20	55.17	58.23
10	38.64	46.28	.....	.....	54.27	55.97	58.66
15	40.00	.....	.....	.....	53.28	56.49	58.15
20	41.35	.....	.....	.....	53.39	57.25	58.24
25	42.75	.....	.....	.....	53.76	57.56	57.95
Eom	43.87	.....	54.05	.....	54.44	.....	57.61

1961

5	57.38	57.98	17.04	11.48	11.49	24.97	.....	.....	46.81	52.70	.....	61.90
10	57.39	57.49	12.60	11.94	12.39	27.20	.....	.....	.....	53.51	.....	62.27
15	57.59	56.85	11.91	10.23	13.92	28.52	.....	.....	.....	54.41	.....	.....
20	57.91	55.62	.....	11.23	15.88	28.85	.....	.....	.....	55.24	60.19	42.06
25	58.08	35.26	.....	11.91	18.43	30.12	.....	44.26	50.90	56.20	60.71	30.05
Eom	57.90	23.28	13.78	10.80	22.19	.....	.....	45.79	51.90	56.97	61.30	24.07

1962

5	21.04	11.03	9.76	12.55	13.60	28.91	.....	38.6	45.5	50.2	54.3	49.0
10	18.11	12.34	10.82	12.54	15.72	30.70	.....	39.3	46.7	50.3	54.8	49.1
15	16.91	13.30	10.59	9.82	18.71	30.69	.....	40.5	47.7	51.0	54.5	49.2
20	16.18	13.96	11.03	10.33	21.61	32.44	.....	41.9	48.4	51.6	54.3	.....
25	13.00	8.52	11.88	11.28	24.51	.....	.....	42.9	49.5	52.4	51.8	.....
Eom	10.30	8.40	12.78	12.18	27.41	.....	37.1	44.4	50.5	53.4	49.9	.....

1963

5	46.1	14.4	15.0	13.2	....	27.4	34.4	41.5	46.9	52.2	56.8	61.2
10	45.3	12.3	11.8	....	....	29.5	35.8	42.6	47.9	52.9	58.2	61.6
15	....	14.0	9.2	....	16.2	31.5	37.1	43.3	49.0	53.7	58.9	59.7
20	....	14.3	10.4	....	18.5	....	37.9	43.8	49.8	54.4	59.7	e56.7
25	24.2	14.8	11.5	....	21.7	32.7	39.1	44.8	50.8	55.2	60.4	e55.3
Eom	18.5	15.4	12.2	....	25.0	33.1	40.2	46.0	51.5	56.1	61.0	e54.3

e Estimated.

334837N0854925.1. Local number Cal-2. U. S. Geol. Survey. Jacksonville State College. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 14 S., R. 8 E. Drilled observation artesian well in Conasauga Formation of Middle to Late Cambrian age, diam 6 in, depth 196 ft, cased to 34. Lsd 662 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.80 below lsd, Feb. 23, 1962; lowest 31.23 below lsd, Dec. 5, 1961. Records available: 1960-63.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	24.37	.....	28.96	29.93	29.79	28.95	29.58
10	24.97	.....	29.22	30.24	26.35	29.20	29.83
15	25.43	.....	28.89	30.56	27.33	29.27	29.10
20	25.53	27.97	29.35	29.27	27.63	29.65	29.49
25	26.01	28.26	28.92	29.85	28.13	29.25	28.38
Eom	26.48	28.68	29.56	29.31	28.62	.....	28.59

1961

5	28.52	28.24	.....	11.66	13.69	18.78	21.56	24.92	27.11	28.02	29.73	31.23
10	28.80	27.30	9.32	12.21	14.46	19.41	22.36	25.30	27.37	28.66	30.15	30.76
15	28.33	27.86	10.64	11.22	15.55	20.06	22.05	25.80	27.60	29.03	30.42	21.11
20	28.02	23.64	11.64	12.67	16.31	20.54	22.75	26.22	28.05	29.33	30.43	15.70
25	28.48	9.22	12.75	13.56	16.62	20.17	23.59	26.64	28.39	29.63	30.31	18.40
Eom	28.28	10.90	13.38	12.26	17.89	20.55	24.38	27.03	28.65	29.94	30.94	18.60

1962

5	18.76	....	11.0	12.3	13.4	17.6	21.1	23.3	26.1	....	28.6	27.2
10	17.23	....	11.6	13.0	14.2	18.9	20.2	22.8	26.4	....	26.9	27.6
15	17.73	....	10.2	9.5	15.1	19.0	21.1	23.7	26.7	....	27.7	28.0
20	16.00	16.0	11.1	10.9	15.9	19.7	21.7	24.4	26.8	27.5	27.2	....
25	.....	8.7	11.7	11.7	16.9	20.6	21.7	25.0	27.2	27.9	26.3	....
Eom	.....	9.7	12.6	12.5	17.8	21.3	22.5	25.7	27.6	28.3	26.8	....

1963

5	27.0	....	18.7	17.0	18.4	21.6	22.2	23.8	26.6	27.9	29.5	29.4
10	27.3	....	16.5	17.4	19.2	22.3	22.9	24.5	27.1	28.3	....	29.7
15	25.7	....	14.4	18.2	19.9	....	23.4	25.0	27.4	28.6	....	26.5
20	18.0	....	14.7	18.7	20.3	....	21.9	25.4	27.8	28.9	....	....
25	20.6	19.2	15.6	19.5	21.2	20.9	22.3	25.7	28.1	29.2	....	....
Eom	20.2	19.7	16.3	17.4	20.7	21.4	22.9	26.2	27.1	29.5	....	....

Chilton County

325042N0863803.1. Local number Chi-3. U. S. Geol. Survey. Clanton. In waterworks lot. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 22 N., R. 14 E. Drilled observation water-table well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 4 to 2 in, depth 34 ft, cased to 34, screened 26-32. Lsd 571.56 ft above msl. MP top of 4-in casing, 1.00 ft above lsd. Highest water level 1.91 below lsd, Mar. 31, 1961; lowest 9.52 below lsd, Nov. 2-3, 1954. Records available: 1952-62. Well destroyed December 1962; measurement discontinued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e6.22	3.46	3.31	3.05	3.75	5.20	8.30	7.80	6.02	4.96	4.26	4.71
10	6.32	2.98	3.37	3.28	3.91	6.15	8.00	7.56	5.46	4.82	4.41	4.32
15	6.07	2.82	3.17	3.20	4.04	6.36	7.90	7.33	5.21	4.22	4.40	4.28
20	3.79	3.52	3.22	3.14	4.77	8.68	8.63	7.22	4.36	4.34	4.40	4.33
25	3.47	3.50	3.17	3.45	4.75	8.35	8.39	6.16	4.60	4.09	4.59	4.39
Eom	3.79	3.66	2.70	3.41	4.78	8.11	8.08	6.23	4.80	4.31	4.62	4.50

1960

5	4.14	3.64	3.54	3.02	4.22	4.23	4.82	5.44	5.53	5.44	5.32	5.10
10	4.01	3.83	3.52	3.44	3.76	4.64	5.00	5.52	5.70	4.66	5.40	5.13
15	4.10	3.63	2.97	3.51	4.12	4.83	5.26	5.12	5.98	4.96	5.46	5.04
20	3.91	3.80	3.45	3.64	4.30	4.97	5.26	5.33	5.60	5.06	5.50	4.99
25	4.01	3.53	3.62	3.77	4.52	5.29	4.82	5.37	5.79	5.26	5.22	4.96
Eom	3.48	3.65	2.97	4.03	5.71	4.94	5.20	5.31	5.37	5.28	5.17	4.88

1961

5	....	6.13	3.23	2.74	3.59	4.24	3.70	4.82	4.53	5.70	6.35	5.33
10	....	6.25	3.06	2.98	3.64	4.45	3.99	....	4.73	5.85	6.39	e3.36
15	....	6.37	3.18	2.81	3.76	3.99	3.89	5.12	4.67	6.03	6.32	3.28
20	....	4.60	3.01	3.20	3.94	3.73	4.15	5.23	4.86	6.12	6.30	3.40
25	....	4.73	3.43	3.22	3.97	3.52	4.31	5.38	5.19	6.32	5.68	3.49
Eom	6.38	5.04	2.37	3.42	4.04	3.38	4.60	5.25	5.55	6.32	5.76	....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1962	3.52	Apr. 12, 1962	3.91	July 27, 1962	4.89	Oct. 23, 1962	6.42
Feb. 8	3.46	May 15	3.66	Aug. 23	5.29	Nov. 29	6.93
Mar. 13	3.78	July 10	4.37	Sept. 20	5.86		

Clarke County

313127N0875304.1. Local number Cla-1. City of Jackson. In waterworks lot. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 5, T. 6 N., R. 2 E. Drilled unused artesian well in gravel deposits of Miocene age, diam 20 to 10 in, depth 171 ft, cased to 100, screened 100-140. MP top of 10-in casing, 0.25 ft below lsd. Highest water level 104.24 below lsd, June 23, 1958; lowest 119.29 below lsd, Oct. 23, 1958. Records available: 1958-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	112.6	110.2	108.9	106.7	106.3	106.5	107.0	106.3	105.9
10	111.6	109.4	108.4	106.2	106.7	106.3	106.7	106.0	106.1
15	110.8	110.3	107.2	106.4	106.2	106.2	106.5	106.2	106.5
20	109.6	108.5	107.1	106.2	106.4	106.2	106.2	105.9	107.1
25	112.3	111.3	109.6	106.6	107.2	106.2	106.1	106.2	106.7	106.3
Eom	112.2	110.4	107.8	106.3	106.6	106.3	106.2	106.3	107.0	107.2

1960

5	107.1	107.4	110.4	110.5	109.3	111.6	112.7	e11.4	110.6	111.7	113.2	113.3
10	106.6	107.6	108.5	109.6	107.2	112.4	111.1	e11.5	110.4	113.4	113.3	113.6
15	106.8	108.3	108.3	109.6	e108.1	111.9	111.8	e10.7	111.6	112.9	112.4	114.5
20	107.5	108.4	108.0	109.2	e109.0	111.9	111.7	e10.9	112.0	113.2	113.0	113.6
25	106.2	107.7	107.8	108.3	e109.9	111.8	111.4	111.1	111.9	112.6	113.5	114.4
Eom	107.8	108.2	107.6	108.9	e10.8	111.9	110.8	111.1	113.0	112.5	114.4	114.4

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1961	107.8	Sept. 27, 1961	110.1	May 21, 1962	109.92	Mar. 21, 1963	110.76
Mar. 6	105.6	Oct. 26	110.8	July 12	108.74	Apr. 11	110.94
Apr. 12	106.2	Nov. 28	110.9	26	109.49	May 13	112.08
May 11	105.8	Dec. 28	109.3	Aug. 23	108.67	June 26	112.89
June 12	108.3	Jan. 24, 1962	104.82	Sept. 26	110.43	Sept. 25	108.71
July 10	109.6	Feb. 23	105.21	Nov. 1	112.86	Oct. 25	110.65
27	109.8	Mar. 20	105.06	Dec. 18	113.09	Dec. 19	113.42
Sept. 6	110.4	Apr. 25	107.47	Feb. 20, 1963	109.82		

Colbert County

344620N0873800.1. Local number Col-1. U. S. Army, Corps of Engineers Muscle Shoals. Diamond Alkali Co. plant. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 30, T. 3 S., R. 10 W. Drilled unused artesian well in limestone of Fort Payne Chert of Early Mississippian age, diam 8 in, depth 265 ft. Lsd 527.8 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 5.3 below lsd, Mar. 21, 1955; lowest 40.3 below lsd, Nov. 3, 1961. Records available: 1953-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.8	16.6	13.5	10.3	12.8	21.7	26.6	26.4	32.2	33.0	29.5	28.3
10	23.6	16.8	13.1	9.1	14.4	23.3	31.4	27.9	30.8	30.3	28.8	30.5
15	21.4	11.5	14.1	9.2	16.4	23.9	29.8	28.5	32.3	31.8	29.8	20.8
20	19.1	10.9	15.0	9.2	17.9	23.5	29.1	29.3	31.1	31.7	32.5	10.3
25	14.5	11.5	16.1	10.1	18.7	25.5	27.8	31.0	34.0	32.0	33.6	11.6
Eom	15.4	12.3	11.1	11.1	20.5	26.0	29.3	30.3	33.7	32.4	27.5	10.1

1960

5	10.4	9.8	8.8	9.1	17.8	25.8	29.7	32.6	....	36.4	34.3	30.3
10	9.5	9.8	8.5	10.7	18.0	26.5	30.5	....	....	33.0	35.2	31.3
15	10.2	10.8	9.1	11.5	19.8	27.5	31.6	....	h34.4	34.3	33.5	33.6
20	9.5	9.9	8.7	13.4	21.7	24.8	31.9	....	35.9	34.8	32.4	34.0
25	10.4	10.5	9.8	14.1	22.9	25.6	31.8	....	34.4	34.7	27.1	32.8
Eom	9.2	11.2	9.9	16.3	25.6	27.9	30.2	....	36.9	33.6	29.2	24.7

1961

5	17.7	....	10.9	8.9	15.2	23.6	....	33.2	36.3	37.3	38.5	33.8
10	21.0	....	8.4	9.4	16.1	23.7	....	33.8	36.0	....	39.6	22.6
15	21.9	21.2	8.7	8.9	17.7	26.8	....	34.2	36.6	....	38.4	....
20	25.0	20.7	9.3	10.3	19.1	27.3	....	32.0	37.1	....	37.4	....
25	....	10.0	8.5	11.9	20.2	25.4	....	33.8	37.9	....	30.1	....
Eom	....	10.8	7.7	12.9	23.1	27.1	....	36.5	37.9	40.1	33.3	....

1962

5	....	11.3	9.6	11.6	14.9	....	26.3	30.9	31.9	....	36.6	32.5
10	....	11.6	10.5	9.3	....	....	26.5	29.4	30.8	....	35.8	33.0
15	....	13.1	10.3	....	....	....	26.8	31.6	30.7	....	32.5	33.8
20	....	13.9	11.6	....	....	....	29.0	31.2	29.0	....	31.1	33.4
25	....	9.9	12.2	....	....	25.5	29.5	30.8	29.9	....	....	26.7
Eom	9.0	7.8	13.1	13.2	....	24.8	28.3	31.8	....	35.1	32.3	....

1963

5	22.5	15.4	15.5	10.1	12.1	13.5	15.5	22.0	34.2	29.3	32.3	32.7
10	25.7	16.5	9.9	10.5	13.4	14.9	17.1	22.5	27.7	30.2	32.3	....
15	25.5	15.1	7.3	11.8	15.0	16.0	18.0	23.6	27.7	30.7	32.9	....
20	25.1	15.1	8.2	13.1	16.4	15.7	19.1	24.5	28.2	30.9	32.7	....
25	24.7	14.8	8.9	14.4	17.6	13.2	19.8	25.7	28.9	31.7	32.5	....
Eom	22.6	15.1	9.4	11.8	12.4	14.1	20.9	32.7	29.1	31.9	32.1	29.0

h Tape measurement.

344143N0874111.1. Local number Col-2. Ben Findley. Rt. 3, Tuscumbia. S $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 4 S., R. 11 W. Drilled unused artesian well in Tuscumbia Limestone of Late Mississippian age, diam 6 in, depth 172 ft, casing depth and finish unknown. Lsd 501 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.61 below lsd, Mar. 31, 1961; lowest 73.0 below lsd, Sept. 14, 1955. Records available: 1955, 1960-63. Sept. 14, 1955, 73.0.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.63	34.02	....	32.92	30.53	28.94
10	30.75	34.27	....	31.61	30.93	....
15	32.91	34.62	31.70	29.93	30.80
20	32.37	....	33.33	31.84	30.08	31.27
25	27.17	32.98	....	34.21	30.98	27.73	....
Eom	28.45	33.58	....	32.84	31.52	28.21	....

1961

5	....	26.59	16.67	....	16.48	22.92	24.34	29.42	33.60	....	....	....
10	24.46	24.39	12.85	12.14	17.49	....	25.63	....	33.40	....	....	....
15	24.99	24.45	8.84	12.14	18.79	....	26.53	....	34.27	....	....	....
20	25.24	24.36	8.56	12.95	19.90	....	27.49	....	....	....	....	....
25	25.83	18.20	....	13.91	20.92	....	....	....	....	....	....	....
Eom	26.58	17.18	....	15.20	22.04	23.44	....	32.37	35.41	....	....	....

344143N0874111.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	11.70	14.04	21.80	24.53	28.75	.....	.....	35.56	34.27
10	.....	.....	.....	10.83	15.37	22.75	25.38	28.22	.....	.....	35.62	35.41
15	.....	.....	.....	9.87	16.70	22.70	26.19	29.09	33.47	34.37	35.64	35.60
20	.....	.....	.....	11.04	18.00	23.39	27.41	30.60	.....	.....	35.50	35.59
25	.....	.....	.....	12.06	19.28	23.75	28.69	31.74	.....	.....	33.33	33.07
Eom	.....	.....	12.29	12.90	20.85	23.79	29.77	32.73	.....	35.43	33.34	31.06
1963												
5	31.24	27.51	26.44	.....	.....	17.00	20.00	22.45	.....	34.45	36.00	36.17
10	31.50	27.31	21.50	.....	.....	17.64	20.15	23.40	.....	34.85	36.25	36.22
15	31.00	26.53	.....	.....	.....	18.75	20.90	24.45	.....	35.25	36.47	29.87
20	31.08	25.96	.....	.....	.....	19.72	.....	25.45	.....	35.50	36.51	30.67
25	30.85	26.00	.....	.....	22.75	20.58	21.15	26.45	.....	35.65	36.46	31.41
Eom	30.12	26.25	.....	.....	17.12	21.60	21.60	27.70	33.90	35.76	36.08	31.27

Cullman County

341033N0865044.1. Local number Cul-1. City of Cullman. 2d St. and 3d Ave. West. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, T. 10 S., R. 3 W. Drilled unused water-table well in sandstone of Pottsville Formation of Early to Middle Pennsylvanian age, diam 8 in, depth 81 ft, cased to 13, open hole. Lsd 768 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 9.62 below lsd, Apr. 11, 1962; lowest 26.62 below lsd, Aug. 6, 1952. Records available: 1952-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.18	12.54	12.56	12.32	12.46	12.19	12.67	12.83	13.40	13.25	13.21	12.96
10	13.78	12.52	12.33	12.28	12.50	12.04	12.88	13.15	13.02	13.08	13.16	13.32
15	13.33	12.28	12.35	12.21	12.45	12.05	12.83	13.37	12.53	13.12	13.30	12.98
20	13.20	12.47	12.24	11.99	12.36	12.21	12.88	13.43	12.93	13.27	13.18	12.92
25	12.99	12.46	12.40	12.24	12.35	12.38	12.90	13.38	12.90	12.74	13.04	12.91
Eom	13.02	12.50	12.16	12.24	11.86	12.54	12.71	13.19	13.03	13.20	13.13	12.73
1960												
5	12.67	12.37	12.23	11.87	12.01	12.63	13.38	13.38	12.80	12.54	12.66	12.30
10	12.53	12.30	11.83	12.17	11.89	13.12	13.43	12.91	12.63	12.25	12.60	12.33
15	12.38	12.73	11.86	12.07	12.21	13.12	13.60	12.67	12.87	12.33	12.46	12.18
20	12.44	12.54	12.13	12.05	12.34	13.18	13.18	12.74	12.47	12.27	12.50	12.29
25	12.42	12.22	12.12	11.92	12.43	13.33	13.28	12.52	12.66	12.38	12.22	12.49
Eom	12.23	12.44	11.77	12.00	12.62	13.25	13.21	12.66	12.53	12.24	12.34	12.20
1961												
5	12.29	11.94	11.20	11.12	11.33	11.38	11.40	11.44	11.23	11.94	12.27	11.74
10	12.41	11.64	11.24	11.19	11.32	11.40	11.26	11.47	11.44	12.02	12.16	11.25
15	.....	11.78	11.10	11.09	11.26	11.41	11.08	11.55	11.69	12.20	12.07	11.28
20	.....	11.44	11.14	11.36	11.26	11.34	11.13	11.30	11.77	12.16	11.96	11.08
25	.....	10.89	11.27	11.19	11.14	11.35	11.20	11.25	11.89	12.49	11.71	11.27
Eom	12.15	11.09	10.73	11.28	11.33	11.31	11.38	11.27	12.12	12.18	11.80	.....
1962												
5	11.04	10.71	10.54	10.47	10.59	10.80	10.98	11.54	12.06	11.77	12.37	11.79
10	11.24	10.84	10.45	10.31	10.71	11.07	11.22	11.45	12.12	11.99	11.98	12.01
15	10.83	10.73	10.51	10.31	10.97	11.05	11.36	11.66	12.13	12.03	11.96	11.93
20	10.91	10.32	10.43	10.40	10.78	10.88	11.59	11.89	12.21	12.05	11.70	11.86
25	10.55	10.34	10.46	10.42	10.81	11.07	11.55	11.97	12.21	12.26	11.94	11.51
Eom	10.59	10.34	10.15	10.39	10.78	11.11	.....	12.09	12.04	12.11	11.84	11.44
1963												
5	.....	10.91	10.60	10.50	10.40	10.56	10.84	11.18	11.64	11.94	12.10	.....
10	.....	11.11	10.62	10.33	10.39	10.63	.....	11.30	11.76	11.99	12.16	12.09
15	.....	10.73	10.45	10.57	10.51	10.79	.....	11.32	11.55	12.14	12.49	11.85
20	.....	10.82	10.43	10.58	10.59	10.80	.....	11.43	11.54	12.05	12.38	11.76
25	11.12	10.84	10.52	10.67	10.69	10.75	11.14	11.46	11.78	12.09	12.34	11.59
Eom	10.81	10.88	10.51	10.23	10.47	10.85	11.12	11.63	11.81	12.20	11.96	11.74

Dallas County

322441N0870049.1. Local number Dis-2. City of Selma. In waterworks lot. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 31, T. 17 N., R. 11 E. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 in, depth 420 ft. Lsd 125.26 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 12.81 below lsd, Mar. 2, 1961; lowest 43.4 below lsd, June 15, 1963. Records available: 1941, 1945-63. Affected by pumping of nearby wells

322441N0870049.1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	24.9	24.2	23.8	20.6	31.2	31.5	28.1	32.9	38.8	34.3	26.5	27.2
10	25.4	25.0	25.6	27.1	34.0	e26.2	29.7	30.6	32.8	34.0	28.0	23.7
15	28.2	20.5	22.7	24.4	29.6	29.5	33.5	36.1	29.6	....	24.7	23.9
20	26.0	23.2	23.2	25.1	31.2	33.4	30.2	36.1	29.0	29.9	28.4	24.4
25	21.5	25.9	26.6	28.4	29.2	36.3	31.2	36.6	36.8	28.7	25.9	21.2
Eom	27.7	27.2	23.3	26.3	30.6	35.6	34.9	34.2	32.4	32.5	23.2	25.1

1960

5	23.0	22.6	22.1	....	27.7	27.2	33.0	35.5	31.6	30.7	28.7	27.4
10	20.9	23.4	22.8	....	28.0	32.1	35.4	34.4	32.7	30.6	27.5	28.4
15	24.8	24.7	21.0	29.6	26.8	31.0	33.3	33.9	34.9	33.1	28.4	28.9
20	23.4	23.0	18.9	25.3	29.5	33.1	34.7	36.3	32.2	29.8	26.0	26.0
25	23.0	23.2	24.7	30.4	33.9	35.1	34.1	32.3	30.5	32.1	27.9	22.2
Eom	23.8	22.9	22.0	30.7	30.5	32.5	31.9	35.6	32.4	29.1	26.4	26.5

1961

5	24.1	21.1	17.0	24.2	29.8	32.9	29.8	31.1	31.7	32.2	29.4	27.4
10	25.3	23.4	....	24.5	31.3	33.1	28.4	30.9	32.3	33.7	31.3	27.9
15	25.1	22.5	22.2	23.4	28.9	34.6	28.2	34.8	34.5	35.3	28.8	22.7
20	23.9	21.5	22.4	27.2	29.5	29.5	31.6	32.6	31.8	32.1	27.4	23.7
25	25.3	19.7	....	26.9	32.9	31.5	32.8	33.0	31.8	33.8	28.7	20.6
Eom	24.8	16.1	....	25.9	29.5	28.5	33.4	36.3	36.7	32.3	25.5	....

1962

5	24.8	24.3	22.6	....	27.4	32.0	29.3	....	39.9	31.7	....	26.0
10	23.8	24.5	22.8	27.0	27.8	34.3	32.6	....	33.6	....	28.4	....
15	29.9	28.6	25.9	21.3	28.7	....	36.1	....	35.4	....	32.3	30.0
20	....	24.5	23.7	23.5	33.2	....	38.8	....	33.2	30.1	30.9	27.8
25	24.3	22.6	23.9	23.5	36.1	32.3	....	36.3	34.3	29.7	....	....
Eom	25.5	25.1	26.4	25.7	33.9	28.9	....	40.0	33.6	32.7	26.6	....

1963

5	27.2	26.5	30.2	30.5	28.4	37.6	36.1	....	37.1	30.8	29.7	26.6
10	27.2	25.4	22.3	30.5	33.9	39.8	32.4	....	39.1	31.3	29.0	....
15	26.9	....	25.2	26.7	33.3	43.4	36.7	e37.3	....	33.9	28.5	....
20	24.1	29.0	....	29.3	35.7	34.8	34.2	36.0	36.7	32.0	29.1	....
25	28.4	32.4	27.8	....	38.5	32.7	....	33.8	37.2	35.0	31.3	....
Eom	28.8	29.0	27.0	29.0	35.7	35.8	32.4	35.1	34.0	e32.8	27.7	....

e Estimated.

Elmore County

323805N0860135.1. Local number Elm-1. City of Eclectic. High School. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 19 N., R. 20 E. Drilled unused artesian well in augen gneiss, diam 8 in, depth 402 ft, cased to 63, open hole. Lsd 557.50 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 6.34 below lsd, Apr. 8, 1960; lowest 12.76 below lsd, Oct. 29, 1954. Records available: 1953-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.91	8.95	7.94	7.59	8.32	8.99	9.17	9.76	10.53	11.05	10.28	9.93
10	9.81	8.55	7.73	7.69	8.54	8.96	9.13	9.85	10.60	11.01	10.15	10.05
15	9.60	8.26	7.63	7.70	8.61	8.96	9.27	10.04	10.58	10.90	10.12	10.04
20	9.59	8.24	7.62	7.79	8.83	9.06	9.35	10.09	10.68	10.80	10.00	9.68
25	9.31	8.10	7.68	8.02	8.95	9.12	9.40	10.20	10.74	10.53	9.98	9.69
Eom	9.17	8.11	7.59	8.09	8.88	9.28	9.61	10.40	10.90	10.46	10.08	9.70

1960

5	9.73	8.07	7.46	6.50	7.22	8.36	....	....	....	h1.23	....	....
10	9.55	7.97	7.39	6.54	7.37	8.62	....	....	....	....	....	....
15	9.36	7.82	7.24	6.60	7.61	8.69	....	....	....	....	....	....
20	8.62	7.78	7.11	6.65	7.80	8.92	....	....	....	....	....	....
25	8.86	7.59	7.13	6.82	8.09	9.12	....	....	....	....	....	....
Eom	8.41	7.59	6.83	7.01	8.28	9.15	....	....	....	....	....	....

1961

5	....	....	....	....	....	....	9.36	9.92	9.96	10.50	11.24	11.32
10	....	....	....	....	....	....	9.43	10.00	9.93	10.65	11.37	10.82
15	....	....	....	....	....	....	9.39	10.09	9.98	10.76	11.22	9.92
20	....	....	....	....	....	....	9.36	10.29	10.09	10.86	11.37	9.59
25	....	....	....	....	....	....	9.42	9.56	10.46	10.23	11.06	9.44
Eom	....	....	....	....	....	....	9.40	9.72	10.37	10.35	11.09	9.27

h Tape measurement.

323805N0860135.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.16	8.22	8.08	7.90	7.90	9.32	....	10.74	11.48	.....	11.60	.....
10	8.95	8.19	7.98	7.71	8.09	9.42	....	10.90	11.68	11.25	11.60	10.51
15	8.86	8.26	7.75	7.15	8.38	9.60	....	10.96	11.68	11.35	11.59	10.42
20	8.57	8.32	7.79	7.34	8.66	9.75	10.58	11.06	11.33	11.35	11.36	10.31
25	8.30	8.10	7.85	7.49	8.86	....	10.68	11.29	11.31	11.49	.....	10.33
Eom	8.19	8.12	7.84	7.61	9.20	....	10.75	11.36	.....	.....	.....	.....
1963												
5	....	....	8.34	8.58	....	10.13	10.26	10.34	11.09	11.64	12.22	11.98
10	10.05	8.76	8.20	8.68	9.35	10.29	10.21	10.40	11.26	11.70	12.26	11.88
15	9.82	8.55	8.23	8.86	9.46	10.43	10.44	10.60	11.38	11.80	12.45	11.24
20	9.32	8.48	8.30	9.08	9.70	10.52	10.38	10.68	11.45	11.94	12.51	11.02
25	9.22	8.42	8.40	9.33	9.93	10.16	10.44	10.80	11.62	12.00	12.51	10.82
Eom	....	8.44	8.40	....	9.91	10.17	10.24	11.04	11.52	12.20	12.21	10.60

Etowah County

340058N0860046.1. Local number Eto-1. Earl R. Price. 919 1st Ave., Gadsden.
 NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, T. 12 S., R. 6 E. Drilled unused artesian well in Conasauga Formation of Middle and Late Cambrian age, diam 8 in, depth 542 ft, cased to unknown depth, open hole.
 Lsd 570 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 7.22 below lsd, Apr. 12, 1962; lowest 14.80 below lsd, Dec. 5, 1961. Records available: 1961-63.

Lowest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.39	10.35	11.60	12.33	11.58	12.38	13.09	.....	14.61	14.80
10	13.45	.....	10.40	11.41	12.13	12.04	12.49	13.31	.....	14.67	14.65
15	13.66	.....	10.31	11.92	11.45	10.39	12.76	13.49	.....	14.75	11.83
20	12.84	.....	11.02	.....	11.97	10.57	12.91	13.63	14.32	14.79	10.84
25	8.20	.....	11.24	11.88	10.85	11.57	13.14	.....	14.48	14.67	12.02
Eom	9.29	.....	11.20	11.97	10.81	12.07	13.32	.....	14.57	14.77	12.12

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.01	.....	10.85	10.91	11.00	11.65	11.3	13.0	13.7	13.5	14.5	13.8
10	11.73	.....	11.05	10.60	11.32	11.64	12.3	13.1	13.9	13.8	13.8	13.9
15	11.88	.....	10.29	8.66	11.64	11.25	12.6	13.3	13.6	14.0	13.9	14.0
20	10.66	11.41	10.71	....	11.77	11.86	12.8	13.5	13.7	14.1	13.3	14.1
25	10.61	9.76	11.08	10.45	12.07	12.2	12.9	13.5	13.9	14.2	13.4	13.8
Eom	.....	10.37	10.91	10.61	11.60	12.2	12.5	13.6	14.1	14.4	13.6	13.3

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.6	11.7	12.6	12.0	11.3	12.1	12.0	....	....	....	....	14.2
10	13.8	12.4	11.9	11.9	11.6	12.2	12.3	....	....	....	14.4	14.2
15	13.2	12.8	11.3	12.2	11.9	12.4	12.4	....	13.5	14.0	14.5	13.2
20	11.8	12.5	11.4	12.4	11.9	12.4	11.7	....	....	14.1	14.6	13.5
25	12.6	12.6	11.7	12.7	12.0	11.9	12.0	....	....	14.2	14.6	13.4
Eom	12.4	12.8	11.9	9.8	11.8	11.8	....	....	....	14.4	14.2	13.6

Franklin County

343128N0874428.1. Local number Fra-1. U. S. Geol. Survey. City of Russellville.
 NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 6 S., R. 11 W. Drilled observation artesian well in Tuscaloosa Group of Late Cretaceous age, diam 6 in, depth 210 ft, cased to 146, slotted 140-146, open hole. Lsd 890 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 34.07 below lsd, Mar. 29, 1963; lowest 44.15 below lsd, Nov. 27, 1963. Records available: 1962-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 26, 1962	39.81	Apr. 24, 1963	36.36	July 23, 1963	36.67	Oct. 28, 1963	41.60
Feb. 26, 1963	37.90	May 24	36.40	Aug. 26	37.88	Nov. 27	44.15
Mar. 29	34.07	June 24	35.29	Sept. 27	39.70	Dec. 27	41.22

Greene County

325005N0875320.1. Local number Gre-3. U. S. Geol. Survey. Eutaw. Sewage pumping plant on Roberts St. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T. 22 N., R. 2 E. Drilled observation artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 to 2 in, depth 407 ft, cased to 407, screened 395-407. Lsd 172.14 ft above msl. MP top of 4-in casing, 1.00 ft above lsd. Highest water level 35.94 below lsd, Apr. 2, 1953; lowest 40.53 below lsd, Oct. 31-Nov. 3, 1963. Records available: 1952-63.

325005N0875320.1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	38.45	38.32	38.23	38.13	38.21	38.42	38.76	39.05	39.14	39.13	39.11	38.97
10	38.45	38.29	38.20	38.14	38.31	38.44	38.87	39.05	39.15	39.15	39.07	38.94
15	38.44	38.24	38.17	38.14	38.35	38.43	38.94	39.07	39.14	39.18	39.04	38.90
20	38.42	38.18	38.16	38.13	38.38	38.45	38.97	39.08	39.11	39.19	39.03	38.86
25	38.40	38.28	38.14	38.13	38.38	38.51	38.98	39.10	39.11	39.18	38.99	38.85
Eom	38.37	38.26	38.13	38.14	38.41	38.63	39.02	39.13	39.12	39.15	38.97	38.80

1960

5	38.77	38.63	38.54	38.41	38.53	38.85	39.30	39.60	39.52	39.50	39.40	39.37
10	38.74	38.59	38.52	38.40	38.53	38.90	39.38	39.58	39.52	39.48	39.40	39.36
15	38.71	38.56	38.48	38.43	38.53	38.98	39.50	39.56	39.54	39.46	39.40	39.34
20	38.69	38.58	38.41	38.46	38.57	39.08	39.61	39.54	39.53	39.45	39.39	39.31
25	38.67	38.57	38.37	38.48	38.64	39.19	39.65	39.52	39.52	39.44	39.38	39.31
Eom	38.66	38.56	38.34	38.51	38.82	39.23	39.63	39.52	39.51	39.43	39.37	39.29

1961

5	39.26	39.44	.....	38.03	38.21	38.92	38.99	39.02	39.10	39.13	39.26	39.05
10	39.23	39.42	37.91	.....	38.28	39.00	38.98	39.06	39.10	39.14	39.24	39.00
15	39.19	39.38	37.95	38.03	38.36	39.05	38.97	39.08	39.10	39.17	39.23	38.84
20	39.20	39.30	37.98	38.04	38.64	39.06	38.94	39.08	39.08	39.20	39.20	e38.69
25	39.41	38.80	38.01	38.09	38.77	39.06	38.92	39.08	39.09	39.23	39.11	e38.55
Eom	39.42	.....	38.04	38.15	38.81	39.00	38.92	39.09	39.12	39.25	39.08	.....

1962

5	38.44	38.35	38.28	38.25	38.22	39.14	e39.27	39.52	39.91	39.99	39.90	39.72
10	38.43	38.33	38.26	38.23	38.35	39.18	e39.32	39.55	39.96	39.98	39.89	39.73
15	38.51	38.33	38.24	38.22	38.54	39.17	39.37	39.62	40.02	39.97	39.87	39.79
20	38.55	38.33	38.24	38.20	38.72	39.17	39.42	39.70	40.03	39.96	39.85	39.83
25	38.55	38.31	38.23	38.21	38.87	e39.21	39.51	39.75	40.02	39.95	39.74	39.84
Eom	38.52	38.30	38.25	38.22	39.10	e39.24	39.53	39.82	40.01	39.94	39.73	39.82

1963

5	.....	39.71	39.37	39.18	39.23	39.60	39.71	39.74	40.38	40.38	40.51	40.14
10	.....	39.56	39.30	39.17	39.30	39.64	39.69	39.80	40.44	40.38	40.44	40.12
15	.....	39.51	39.18	39.19	39.38	39.72	39.68	39.84	40.47	40.41	40.39	40.07
20	39.75	39.45	39.16	39.24	39.51	39.81	39.67	39.91	40.45	40.45	40.39	40.06
25	39.73	39.44	39.17	39.26	39.63	39.78	39.68	40.13	40.45	40.49	40.38	.....
Eom	39.75	39.42	39.16	39.26	39.62	39.73	39.71	40.28	40.42	40.53	40.16	.....

e Estimated.

Hale County

324205N0873528.1. Local number Hal-1. City of Greensboro. At rear of old waterworks lot. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 20 N., R. 5 E. Drilled unused artesian well in sands of Eutaw Formation of Late Cretaceous age, diam 10 to 8 in, depth 280 ft, cased to 280, screened 258-278. Lsd 257 ft above msl. MP top of casing, at lsd. Highest water level 40.12 below lsd, Apr. 12, 1962; lowest 43.85 below lsd, Dec. 1, 1963. Records available: 1961-63.

Lowest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e43.09
10	42.96
15
20	e43.34	.....
25	43.23	42.05
Eom	43.22	.....

1962

5	h41.83	41.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	41.86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	40.32	e42.03	.....	.....	.....	.....	.....	.....	.....
20	41.55	.....	.....	.....	42.14	.....	.....	.....	.....	.....	.....	.....
25	41.47	.....	41.37	e41.51	42.34	.....	.....	.....	.....	.....	.....	.....
Eom	41.46	.....	.....	41.53	.....	.....	.....	.....	e43.95	.....	.....	.....

1963

5	.....	e42.64	.....	42.21	42.28	42.53	42.58	.....	.....	.....	.....	43.75
10	.....	.....	.....	h42.17	42.32	42.61	42.49	.....	.....	.....	.....	43.69
15	.....	.....	.....	42.26	42.38	42.76	42.40	.....	.....	.....	.....	43.63
20	.....	.....	.....	42.33	42.49	42.84	42.33	.....	.....	.....	.....	43.50
25	.....	h42.43	h42.16	42.36	42.62	42.71	.....	.....	.....	.....	.....	43.39
Eom	h42.74	.....	42.17	42.23	42.52	.....	.....	.....	.....	.....	43.81	43.38

e Estimated.

h Tape measurement.

Jackson County

344003N0860121.1. Local number Jac-1. Tennessee Valley Authority well 28. Scottsboro. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 4 S., R. 6 E. Drilled unused water-table well in Fort Payne Chert of Early Mississippian age, diam 8 in, depth 16 ft, cased to 16 with galvanized iron. Lsd 641.88 ft above msl. MP top of galvanized-iron casing, 1.00 ft above lsd. Highest water level 0.4 below lsd, Jan. 31, 1957; lowest dry, Sept. 28, 1937, July 31-Sept. 14, 21-28, Oct. 21, Nov. 3-17, 1944, Oct. 5-Nov. 3, 1947, Sept. 26-Nov. 1, 1948, Oct. 4, Nov. 22, 1954, Sept. 29-Oct. 20, 1956, Oct. 22, Nov. 26, 1963. Records available: 1936-41, 1943-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1959	6.76	Apr. 26, 1960	6.21	Aug. 29, 1961	10.19	Nov. 27, 1962	6.10
Feb. 26	4.88	May 20	7.34	Sept. 28	9.94	Dec. 21	6.89
Mar. 25	6.16	June 20	8.61	Oct. 27	10.40	Jan. 26, 1963	3.52
Apr. 30	6.52	July 20	12.41	Nov. 28	7.48	Feb. 25	6.78
May 26	7.56	Aug. 22	13.86	Dec. 29	3.95	Mar. 25	4.30
June 24	9.37	Sept. 22	13.42	Jan. 26, 1962	2.02	Apr. 23	6.44
July 27	8.82	Oct. 24	11.20	Feb. 26	1.87	May 22	7.30
Aug. 28	10.92	Nov. 23	8.73	Mar. 27	4.08	June 21	7.73
Sept. 30	11.12	Dec. 22	6.41	Apr. 27	5.52	July 22	5.05
Nov. 2	11.88	Jan. 27, 1961	5.73	May 29	9.60	Aug. 23	9.64
Dec. 4	9.16	Mar. 3	3.12	June 26	10.28	Sept. 25	11.15
30	7.02	May 26	8.65	Aug. 28	12.28	Oct. 22	(f)
Jan. 26, 1960	6.65	June 26	5.64	Sept. 27	6.90	Nov. 26	(f)
Feb. 20	4.53	July 28	8.68	Oct. 26	7.78	Dec. 20	13.10
Mar. 24	4.62						

i Dry.

Jefferson County

332605N0865230.1. Local number Jef-1. U.S. Geol. Survey. Birmingham. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 18 S., R. 3 W. Drilled observation artesian well in Bangor Limestone of Late Mississippian age, diam 6 in, depth 140 ft, cased to 68, open hole. Lsd 641.94 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 25.26 below lsd, Apr. 15, 1962; lowest 83.04 below lsd, Dec. 27-28, 1954. Records available: 1954-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	48.0	39.8	37.4	33.5	35.2	32.0	37.3	42.1	45.5	49.5	50.2	e46.0
10	47.3	e39.2	35.1	34.3	36.2	32.2	38.3	42.5	46.1	50.3	e49.4	46.7
15	46.1	e38.8	33.6	33.7	37.3	32.9	39.3	43.2	46.5	50.8	e48.9	e45.8
20	44.1	e38.3	33.0	33.4	38.0	34.1	40.1	43.8	46.8	51.2	e48.4	e44.9
25	41.2	e37.8	33.1	33.7	e36.7	35.2	40.9	44.4	48.3	50.2	e48.0	e44.0
Eom	40.9	e37.4	32.9	34.1	33.6	36.2	41.6	44.9	49.0	50.4	e47.6	e43.0
1960												
5	....	35.8	30.5	28.5	33.9	39.1	43.7	48.5	52.0	55.4	57.9	e60.1
10	....	35.0	29.2	29.0	35.0	39.8	44.5	49.1	52.6	56.1	58.5	e60.3
15	....	34.1	28.3	29.8	35.8	40.4	45.3	49.7	53.2	56.6	58.8	e60.5
20	....	33.0	27.9	30.9	36.4	41.3	46.2	50.2	53.7	57.2	59.3	e60.7
25	38.3	32.3	28.1	31.8	37.2	42.2	46.9	50.8	54.3	56.6	59.5	60.5
Eom	36.9	31.1	28.5	33.0	38.1	42.9	47.8	51.5	54.9	57.3	59.9	60.3
1961												
5	e59.9	56.3	41.2	32.2	32.7	37.8	37.3	....	41.0	....	....	50.4
10	e59.4	54.7	38.2	32.0	33.2	38.5	37.6	....	41.8	45.2	....	50.0
15	e59.0	53.7	37.4	30.9	34.0	39.2	36.1	38.1	42.3	45.9	....	43.6
20	e58.6	49.5	36.5	e31.3	34.9	39.7	....	38.7	42.8	....	....	39.6
25	e58.2	42.6	36.0	e31.8	35.7	39.5	....	39.5	43.5	....	....	38.4
Eom	57.1	41.9	e34.2	e32.2	37.0	38.0	....	40.4	44.2	....	50.1	37.8
1962												
5	36.7	28.5	27.4	27.7	27.3	e34.2	e38.4	41.9	44.1	46.8	49.9	....
10	34.9	29.3	27.8	26.5	28.5	e34.9	39.0	42.4	44.5	47.3	50.3	....
15	33.9	30.0	27.0	25.5	29.9	e35.6	39.7	42.8	44.9	47.9	50.6	....
20	32.2	30.1	27.1	25.6	31.0	e36.3	40.3	43.3	45.4	48.3	50.8	....
25	30.4	27.6	27.7	26.4	32.2	e37.0	41.0	43.3	45.8	48.9	50.6	....
Eom	28.4	27.3	28.3	26.6	33.4	e37.7	41.5	43.8	46.4	49.4	....	....
1963												
5	....	....	31.9	30.6	31.3	34.7	....	39.0	42.3	....	e48.8	51.5
10	....	....	31.8	30.7	30.5	35.6	....	39.6	42.9	46.1	49.2	51.9
15	....	33.6	30.3	31.7	31.6	36.5	....	40.1	....	46.6	49.8	50.9
20	....	33.4	30.1	32.8	32.8	e37.4	37.7	40.7	....	47.1	50.2	50.1
25	....	33.4	30.2	34.0	34.1	....	38.2	41.1	....	47.6	50.6	50.0
Eom	....	32.6	30.0	34.0	34.0	....	38.6	41.8	....	48.2	51.2	50.1

e Estimated.

Lawrence County

342858N0871707.1. Local number Law-1. City of Moulton. East side of hospital. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32, T. 6 S., R. 7 W. Drilled unused artesian well in Bangor Limestone and Hartselle Sandstone of Late Mississippian age, diam 6 in, depth 260 ft, cased to 20, open hole. Lsd \pm 650 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 10.54 below lsd, Feb. 23, 1961; lowest 23.57 below lsd, Nov. 21-22, 1963. Records available: 1955-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.85	14.01	14.26	14.37	14.98	14.19	16.54	17.99	15.74	17.08	.....	14.85
10	14.71	14.10	13.92	14.75	15.68	14.66	16.99	17.86	15.65	15.67	14.85	15.15
15	14.57	12.18	14.76	14.67	15.65	14.43	17.10	18.84	15.59	14.53	15.14	14.05
20	13.60	12.69	15.02	12.30	15.73	15.21	17.08	16.76	16.12	14.60	15.18	12.42
25	12.53	13.52	15.33	13.35	15.28	15.72	17.52	15.93	16.34	14.94	15.40	13.32
Eom	13.67	14.06	14.20	14.34	13.75	16.37	18.17	15.67	.....	15.27	14.83	12.75

1960

5	13.25	12.83	11.69	13.32	15.29	15.89	16.95	19.79	.....	15.73	15.35	14.35
10	12.69	13.01	12.29	14.03	13.59	16.41	17.74	19.27	19.38	14.20	15.39	14.76
15	13.30	13.48	12.67	14.42	14.45	15.43	18.63	18.84	19.17	14.43	14.66	15.03
20	12.83	12.51	12.40	14.72	14.97	15.97	19.31	19.31	16.38	14.95	14.79	15.17
25	13.65	12.80	13.39	14.83	15.49	16.68	19.25	17.67	17.37	15.05	13.73	14.37
Eom	12.95	13.43	12.89	14.97	15.59	16.47	19.46	.....	15.14	15.31	14.36	14.28

1961

5	13.25	14.66	13.15	13.24	15.50	16.23	17.05	19.68	18.69	19.16	21.01	18.21
10	14.06	13.67	12.52	13.92	15.61	16.00	17.42	19.76	18.97	19.52	21.29	17.30
15	14.48	14.14	13.19	13.93	15.72	16.29	16.95	20.02	19.20	20.08	20.19	13.25
20	14.30	14.00	13.27	14.61	15.90	16.44	17.25	20.25	19.42	20.30	20.68	12.16
25	14.21	11.04	13.91	14.93	15.87	16.24	18.54	19.46	20.04	20.93	e18.45	13.52
Eom	14.57	12.05	13.26	15.34	15.99	16.76	19.08	19.53	20.29	21.40	18.30	14.40

1962

5	14.43	13.68	13.31	14.25	15.66	17.27	17.58	18.77	19.40	19.53	22.25	20.29
10	13.54	14.31	13.73	12.91	16.07	17.22	17.96	18.76	19.31	19.85	21.70	20.44
15	13.74	14.81	.....	12.72	16.70	17.20	18.39	19.30	19.72	20.03	20.63	20.80
20	13.79	14.45	.....	13.98	17.30	16.36	18.45	19.60	19.46	20.62	20.14	21.14
25	13.02	11.90	.....	14.76	16.81	16.36	18.69	.....	20.20	21.08	20.13	20.69
Eom	12.08	12.19	14.75	15.18	17.05	17.19	18.74	20.33	.....	21.82	20.25	18.27

1963

5	.....	.....	.....	15.68	14.22	15.71	15.68	17.28	e19.07	20.65	23.00	21.77
10	.....	.....	.....	14.67	15.23	16.59	16.26	17.83	19.42	20.79	22.28	21.91
15	.....	.....	.....	15.28	16.24	17.58	16.14	18.25	e19.61	21.12	23.02	18.71
20	.....	.....	.....	15.99	17.24	16.40	16.93	18.51	19.75	21.91	23.45	18.62
25	.....	.....	.....	16.27	17.75	16.02	16.35	e18.65	20.01	22.46	.....	18.24
Eom	.....	.....	15.16	13.60	14.92	15.92	16.57	18.71	20.21	23.30	21.66	17.50

e Estimated.

344005N0872049.1. Local number Law-2. State of Alabama. Courtland Air Base. NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 4 S., R. 8 W. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 12 in, depth 200 ft, cased to 55. Lsd 582 ft above msl. MP top of casing, at lsd. Highest water level 11.1 below lsd, Feb. 28, 1962; lowest 50.6 below lsd, Nov. 1-2, 1963. Records available: 1961-63.

Lowest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	40.4	43.6	39.60	44.18	47.28	41.64
10	41.0	44.0	40.58	44.45	46.82	41.99
15	41.7	44.3	41.46	44.75	46.61	23.20
20	42.3	.....	42.32	.....	.....	14.50
25	43.2	.....	43.14	.....	.....	.....
Eom	39.6	.....	38.20	43.88	46.91	41.08	19.6

1962

5	21.2	19.5	14.5	22.7	.....	.....	40.3	44.2	48.0	46.3	47.5	46.0
10	18.1	22.4	.....	19.4	.....	.....	40.9	44.6	47.4	46.4	47.7	.....
15	.....	25.5	.....	15.4	.....	.....	41.6	.....	47.7	46.6	.....	.....
20	.....	23.5	.....	18.7	.....	.....	42.3	.....	46.7	47.0	.....	.....
25	.....	13.3	.....	21.8	.....	.....	43.2	.....	46.6	47.1	.....	.....
Eom	16.7	12.1	22.1	.....	.....	39.7	43.8	47.2	.....	47.3	45.8	.....

344005N0872049. 1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	43.5	36.3	39.5	27.5	....	31.9	38.1	41.8	44.5	47.7	50.2	....
10	43.9	37.6	31.1	26.7	....	e34.0	38.6	42.7	....	48.2	48.7	....
15	41.7	38.3	15.8	30.0	....	e35.1	39.8	43.5	....	e49.0	48.5	....
20	....	38.6	18.3	32.7	....	e35.8	40.3	44.1	....	e49.6	48.5	43.3
25	....	38.1	21.2	35.1	38.6	36.8	40.2	44.4	46.5	50.1	....	43.8
Eom	40.4	38.9	23.9	28.2	....	37.0	40.7	44.5	47.2	50.5	47.7	43.7

e Estimated.

Macon County

322604N0854225. 1. Local number Mac-1. Tuskegee Institute. NE $\frac{1}{4}$ sec. 26, T. 17 N., R. 23 E. Drilled unused artesian well in sand of Tuscaloosa Group of Late Cretaceous age, diam 18 to 8 in, depth 355 ft, cased to 355, screened 315-355. Lsd 436.47 ft above msl. MP top of 18-in casing, 0.75 ft above lsd. Highest water level 54.57 below lsd, Nov. 30, 1957; lowest 96.56 below lsd, Oct. 25, 1948 (previously reported 94.15 below lsd, Jan. 1-2, 1951). Records available: 1948-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	78.16	77.44	77.04	75.95	75.95	68.21	67.94	67.79	68.95	70.27	72.27	73.44
10	78.01	77.28	76.71	76.05	75.93	67.97	68.50	68.07	69.86	70.58	72.58	73.99
15	77.85	77.18	76.54	76.08	69.45	67.31	68.02	68.25	72.13	71.15	72.80	74.27
20	77.79	77.26	76.63	75.79	69.37	67.55	67.79	68.21	71.40	71.61	72.78	74.82
25	77.83	77.11	76.45	76.05	68.94	67.87	68.14	68.64	71.50	71.55	72.91	75.51
Eom	77.63	77.00	76.16	75.88	68.60	67.84	67.96	68.58	69.84	72.07	73.48	73.16

1960

5	74.81	75.74	75.86	74.61	74.48	74.87	74.84	74.67	74.60	74.18	74.50	74.34
10	73.82	75.49	75.56	74.44	74.20	75.02	75.17	74.42	74.66	74.23	74.47	74.18
15	73.41	76.27	75.56	74.86	74.64	74.88	74.73	74.88	74.80	74.29	74.53	74.22
20	73.82	76.30	75.12	74.65	74.70	74.89	74.89	74.65	74.97	74.37	74.28	74.26
25	74.54	75.23	....	73.92	75.04	74.73	74.60	....	....	74.39	73.90	74.26
Eom	75.12	75.67	74.95	74.43	74.87	75.01	74.63	74.74	73.88	74.46	74.20	74.09

1961

5	74.16	73.54	....	....	71.58	71.44	70.68	70.80	70.58	70.49	70.43	....
10	74.17	73.34	....	72.13	71.42	71.42	....	....	70.52	70.54	70.32	....
15	73.77	73.36	....	71.77	71.45	71.37	70.77	....	70.45	70.55	70.20	....
20	73.86	....	....	71.88	71.59	71.40	70.78	....	70.42	70.42	70.23	....
25	73.71	....	....	71.69	71.35	70.80	70.77	70.93	70.40	70.50	70.35	....
Eom	73.64	h72.72	....	71.71	71.50	70.73	70.85	70.78	70.50	70.49	....	....

1962

5	69.57	68.80	68.29	67.95	67.64	68.23	67.97	67.65	67.98	67.95	68.37	67.90
10	69.48	68.79	68.03	67.69	67.65	68.23	67.67	67.77	68.10	68.04	69.31	67.74
15	69.36	68.73	68.08	67.54	67.77	68.00	67.99	67.96	68.29	68.27	68.21	67.79
20	69.18	68.80	68.12	67.41	67.52	68.00	67.87	68.13	68.10	68.13	68.08	67.79
25	68.76	68.48	68.02	....	67.60	68.04	67.88	68.11	68.19	68.53	67.95	....
Eom	69.00	68.40	68.00	67.57	67.91	68.30	63.97	67.99	68.08	68.40	68.24	....

1963

5	67.71	67.25	66.65	66.56	66.68	66.49	66.44	....	....	66.82	66.74	66.75
10	67.64	67.15	....	66.39	66.71	66.46	66.36	66.43	66.74	66.90	66.74	....
15	67.48	67.15	66.70	66.56	65.47	66.09	....	....	66.85	66.81	66.96	....
20	67.11	....	66.80	66.50	....	....	66.66	....	66.83	66.79	66.86	66.46
25	67.77	....	....	66.64	66.50	....	....	....	66.91	66.79	66.84	66.20
Eom	67.37	....	66.66	66.49	66.41	....	....	....	66.70	66.84	66.69	....

h Tape measurement.

Madison County

344407N0863439. 1. Local number Mad-1. City of Huntsville. Huntsville Junior High School. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 3 S., R. 1 W. Drilled observation artesian well in Fort Payne Chert of Early Mississippian age, diam 8 in, depth 140 ft, cased to 69, open hole. Lsd 660.13 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 49.43 below lsd, Apr. 9, 1951; lowest 65.7 below lsd, Oct. 7, 1963. Records available: 1951-63. Affected by pumping of nearby wells.

344407N0863439.1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	58.35	55.61	54.74	55.04	54.90	56.54	56.83	57.98	59.26	58.59	.....	58.39
10	58.28	e55.56	54.81	55.23	54.74	56.73	58.10	.....	58.49	58.52	.....	58.45
15	58.02	54.69	54.64	55.07	55.41	56.29	57.70	.....	58.43	58.40	.....	57.44
20	57.27	54.39	55.11	54.74	55.75	56.26	57.30	.....	58.48	58.38	.....	.....
25	55.68	54.49	55.36	54.28	56.06	56.27	57.55	.....	58.54	58.40	.....	55.89
Eom	55.57	54.56	55.10	54.50	56.00	56.56	57.82	.....	58.57	e58.45	56.33	55.59

1960

5	55.39	.....	.....	52.46	54.88	57.48	58.83	.....	60.08	58.51	58.43	.....
10	54.57	h53.63	.....	52.74	54.48	57.93	.....	.....	.....	57.93	58.51	57.59
15	54.60	.....	.....	53.26	54.71	58.14	.....	.....	.....	58.04	58.41	57.74
20	.....	.....	51.63	53.60	55.06	58.35	.....	.....	.....	.....	58.34	57.85
25	.....	h52.57	52.14	53.95	55.58	57.80	.....	59.34	.....	.....	57.81	57.46
Eom	.....	h52.96	52.32	54.35	55.98	57.88	.....	.....	58.39	.....	57.54	57.27

1961

5	56.4	56.3	52.3	51.6	54.0	56.1	56.17	58.80	58.75	58.72	59.18	59.05
10	56.3	55.9	51.5	52.0	54.3	56.3	56.51	58.82	58.90	59.42	59.20	58.90
15	56.2	55.6	51.7	52.2	54.7	.....	56.77	59.10	58.30	58.75	58.92	56.68
20	56.2	55.3	51.7	52.7	55.1	.....	57.02	58.30	58.80	58.80	58.90	53.50
25	56.2	52.2	51.5	53.2	55.3	.....	.....	.....	59.50	59.50	58.86	53.40
Eom	56.4	52.0	51.4	53.6	55.6	.....	.....	59.08	60.25	60.00	58.98	53.65

1962

5	53.70	50.60	50.95	51.31	e53.10	56.62	58.50	59.75	60.56	58.62	60.45	58.85
10	52.70	51.30	51.56	51.12	e54.58	56.10	58.60	59.80	.....	58.70	59.10	58.90
15	53.15	51.88	51.70	50.15	55.52	57.52	58.92	60.74	60.35	58.92	58.85	59.08
20	52.70	52.35	51.80	53.00	55.90	57.87	59.30	60.58	59.30	59.36	58.65	59.30
25	52.48	51.30	51.22	51.40	56.50	58.24	59.02	60.40	59.52	59.60	57.70	56.60
Eom	51.40	50.74	51.38	52.00	55.60	58.32	59.40	61.50	59.48	59.80	58.65	57.76

1963

5	57.70	56.15	56.26	54.30	54.0	56.3	57.9	58.1	59.7	63.2	60.3	59.9
10	57.67	54.88	54.15	54.31	54.5	57.8	57.3	58.6	62.7	60.5	60.3	.....
15	57.50	56.30	52.94	54.71	55.0	58.2	58.3	58.7	58.4	60.7	61.7	.....
20	57.18	56.18	53.38	55.27	55.7	57.1	56.9	59.1	61.7	61.0	62.6	.....
25	57.22	56.28	53.83	55.57	56.0	57.4	56.6	59.6	61.8	61.7	61.9	.....
Eom	56.60	56.38	53.96	53.80	.....	56.7	56.6	58.7	60.1	60.9	59.8	58.6

e Estimated.

h Tape measurement.

Marengo County

323045N0875048.1. Local number Mag-1. J. C. Webb Compress Co. Demopolis. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 18 N., R. 2 E. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 to 2 in, reported depth 900 ft, 4-in casing to 457, 2-in casing to 900. Lsd 110 ft above msl. MP top of 4-in casing, 1.20 ft above lsd. Highest water level 0.15 below lsd, Feb. 26, 1954; lowest 21.2 below lsd, Dec. 30, 1958. Records available: 1953-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	.....	e11.8	14.6	15.3	e16.3	17.4	17.7	19.3	20.6	18.9	16.8	.....
10	.....	14.1	14.5	14.0	e16.8	16.2	18.8	18.6	19.9	18.6	16.2	.....
15	.....	e13.8	13.9	14.4	e17.2	16.0	19.3	19.9	18.1	18.4	16.9	.....
20	.....	.....	14.0	14.2	e17.5	17.6	18.5	20.3	18.8	17.7	17.3	15.5
25	12.8	14.6	14.1	15.3	.....	18.2	19.3	20.6	19.1	17.6	16.8	14.8
Eom	e11.3	14.8	15.0	15.8	17.4	19.3	19.8	20.1	18.9	17.5	15.9	11.6

1960

5	12.2	14.1	12.6	13.2	15.5	16.7	16.1	17.0	16.8	17.8	17.9	e11.4
10	12.3	13.9	12.8	14.4	15.2	17.9	16.5	18.9	18.4	17.9	16.5	e12.6
15	13.1	14.0	13.2	15.0	14.9	18.1	17.9	19.1	19.4	19.5	13.9	e13.5
20	13.2	13.5	13.6	14.4	15.9	18.6	16.2	19.4	19.7	18.2	13.9	14.4
25	e13.9	12.5	14.1	15.1	e16.2	19.8	e13.5	18.9	19.7	17.8	14.0	14.5
Eom	13.8	12.8	13.6	15.6	e16.5	19.4	16.1	20.3	17.4	17.6	10.6	10.5

e Estimated.

323045N0875048.1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e11.5	14.2	10.0	12.2	15.4	18.1	16.8	18.8	18.8	18.8	16.7	16.1
10	e12.0	14.9	13.0	13.4	15.3	18.7	14.0	18.7	19.2	18.5	....	16.0
15	e12.5	12.5	11.0	13.6	15.1	18.8	15.0	19.4	18.2	18.7	....	....
20	e12.9	13.4	12.5	13.9	16.5	17.0	16.5	19.5	18.5	17.0	....	....
25	13.1	10.7	13.2	15.1	17.2	17.7	17.1	18.6	18.9	16.5	....	....
Eom	15.0	7.2	12.5	14.9	17.3	18.0	18.4	18.2	20.4	16.8	15.7	....
1962												
5	13.1	....	15.2	15.4	14.8	19.1	....	19.3	20.2	17.7	16.2	....
10	e12.8	....	....	14.2	15.5	19.4	17.6	19.7	20.0	16.9	15.9	....
15	e13.9	....	....	13.4	e16.6	18.6	18.6	20.3	19.9	16.5	....	....
20	e15.0	....	....	13.6	e17.8	19.2	19.0	19.2	18.9	17.2	....	15.3
25	e16.1	14.9	15.3	13.2	19.1	....	19.4	20.0	e19.1	17.5	....	14.1
Eom	....	15.0	14.7	14.2	19.7	....	19.4	20.4	18.3	e17.3	....	13.9
1963												
5	....	....	15.8	15.5	14.2	15.8	13.9	....	12.8	....	14.9	14.3
10	....	....	15.4	14.9	15.5	18.0	13.2	....	16.2	....	15.0	14.8
15	....	....	14.9	14.8	16.6	20.8	12.1	....	17.4	....	16.1	15.7
20	16.2	15.9	14.8	15.0	....	....	11.9	....	....	....	16.2	17.5
25	17.8	16.5	14.4	14.5	17.3	....	11.8	13.4	16.8	13.5	16.0	18.8
Eom	....	16.5	15.0	14.1	15.6	15.0	....	14.7	....	14.8	16.0	....

e Estimated.

321520N0873746.1. Local number Mag-2. Thomaston Prison. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 15 N., R. 4 E. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 in, depth 1,224 ft, cased to 20, screened 1,202-1,222. Lsd 154 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.83 below lsd, Mar. 30, 1954; lowest 14.46 below lsd, Oct. 25, 1963. Records available: 1954-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.10	11.04	10.97	....	11.02	10.96	11.31	11.43	11.51	11.60	11.30	11.54
10	9.99	11.03	10.96	....	11.39	10.87	11.27	11.39	11.47	11.45	11.41	11.56
15	10.27	11.05	10.93	....	11.27	10.93	11.29	11.43	11.25	11.32	11.49	11.45
20	10.15	10.93	10.92	10.78	11.20	10.97	11.28	11.43	11.43	11.29	11.35	11.49
25	10.91	11.05	10.95	10.88	11.11	11.15	11.27	11.50	11.47	11.21	11.46	11.50
Eom	10.89	11.01	....	10.85	10.91	11.29	11.42	11.46	11.46	11.35	11.67	11.42

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1960	11.40	June 6, 1960	11.91	July 10, 1961	9.07	July 26, 1962	11.73
10	11.39	28	12.02	27	10.36	Aug. 24	11.88
15	11.35	July 27	12.13	Sept. 6	10.84	Sept. 27	11.94
20	11.41	Aug. 24	12.28	27	11.42	Nov. 2	12.63
25	11.53	Sept. 19	12.36	Oct. 26	11.03	Dec. 19	12.87
31	11.37	Oct. 20	12.62	Nov. 28	11.86	Feb. 20, 1963	13.38
Feb. 5	11.32	Nov. 16	12.09	Dec. 28	11.95	Mar. 21	12.24
10	11.15	Dec. 20	10.96	Jan. 24, 1962	10.33	Apr. 11	12.51
15	11.28	Jan. 23, 1961	11.79	Feb. 23	10.50	May 13	12.62
20	11.35	Mar. 6	10.63	Mar. 21	10.61	June 26	12.49
25	11.21	Apr. 12	8.91	Apr. 25	10.98	Sept. 25	14.32
29	11.30	May 11	8.16	May 21	11.49	Oct. 25	14.46
Mar. 5	11.45	June 12	8.32	July 13	11.54	Dec. 19	13.23
May 6	11.84						

321810N0874726.1. Local number Mag-4. U.S. Geol. Survey. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 15 N., R. 3 E. Drilled observation artesian well in sand of Ripley Formation of Late Cretaceous age, diam 4 to 2 in, depth 207 ft, cased to 123, screened 123-129. Lsd 164 ft above msl. MP top of 4-in casing, 1.00 ft above lsd. Highest water level 34.94 below lsd, May 21, 1962; lowest 42.49 below lsd, June 3, 1955 (previously reported 39.67 below lsd, Mar. 27, 1956, Mar. 10, 1957). Records available: 1955, 1956-62. Well destroyed January 1963; measurement discontinued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	37.78	37.69	37.68	37.78	37.65	37.58	37.58	....	....	37.91	....	37.80
10	37.66	37.66	37.74	37.70	37.61	37.58	37.61	....	....	37.78	....	37.91
15	37.45	37.61	37.85	37.80	37.64	37.60	....	....	....	....	....	37.90
20	37.49	37.72	37.83	37.63	37.62	37.59	37.67	....	....	....	....	37.95
25	37.60	37.76	37.79	37.71	37.61	37.63	....	37.77	37.79	37.78	37.83	37.94
Eom	37.65	37.74	37.72	37.63	37.53	37.59	....	....	37.84	....	38.00	37.98

321810N0874726.1--Continued.

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	37.94	37.84	37.79	37.51	37.29	37.17	37.18	37.27	37.35	37.44	37.61	37.57
10	37.93	37.91	37.56	37.56	37.20	37.26	37.18	37.26	37.36	37.53	37.62	37.56
15	37.87	37.72	37.46	37.38	37.27	37.16	37.21	37.32	37.38	37.51	37.55	37.60
20	38.02	37.75	37.64	37.34	37.24	e37.25	37.25	37.32	37.44	37.55	37.58	37.49
25	37.92	37.81	37.54	37.25	37.20	e37.20	37.22	37.35	37.43	37.53	37.55	37.66
Eom	37.84	37.79	37.44	37.33	37.20	37.17	37.23	37.35	37.48	37.46	37.68	37.53

1961

5	37.66	37.70	36.84	36.52	36.27	36.13	36.12	35.95	35.90	35.99	36.08	36.15
10	37.70	37.63	36.92	36.50	36.20	36.09	36.06	36.03	35.90	35.96	36.07	36.16
15	37.61	37.65	36.72	36.43	36.18	36.14	36.05	35.99	35.98	36.04	36.05	36.22
20	37.68	37.59	36.69	36.43	*36.19	36.00	36.00	35.91	35.89	35.96	36.20	36.18
25	37.77	36.98	36.73	36.24	36.13	36.15	36.03	35.94	35.91	36.09	36.23	36.11
Eom	37.71	36.95	36.43	36.30	36.17	36.14	36.03	35.93	35.93	36.01	36.23	.....

1962

5	35.85	35.67	35.50	35.29	35.10	35.05	.....	35.38	35.53	35.69	35.91	35.97
10	36.11	35.68	35.37	35.23	35.06	35.10	.....	35.40	35.60	35.76	35.92	.....
15	e35.92	35.53	35.41	35.28	35.11	35.06	35.23	35.45	35.58	35.75	35.96	.....
20	e35.83	35.65	35.25	35.17	35.02	35.05	35.31	35.50	35.65	35.75	35.91	36.09
25	e35.73	35.57	35.26	35.13	35.07	.....	35.31	35.48	35.62	35.88	36.03	36.12
Eom	35.76	35.55	35.23	35.10	35.08	.....	35.35	35.53	35.69	35.66	35.96	36.19

e Estimated.

Marion County

335817N0875512.1. Local number Mar-1. M. M. Burleson. Guin. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32, T. 12 S., R. 13 W. Drilled unused artesian well in sandstone of Pottsville Formation of Early to Middle Pennsylvanian age, diam 6 in, depth 520 ft, cased to 80, open hole. Lsd 4 $\frac{1}{2}$ ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 4.90 below lsd, Apr. 15, 1962; lowest 11.76 below lsd, Nov. 10, 1954. Records available: 1952-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.99	7.41	.....	6.89	6.78	6.67	7.19	7.63	7.96	8.29	8.18	8.14
10	7.95	.....	.....	6.92	6.86	6.65	7.28	7.71	8.02	8.25	8.18	8.27
15	7.73	.....	.....	7.00	6.98	6.68	7.42	7.84	8.02	8.15	8.27	8.19
20	7.65	.....	.....	6.68	7.05	6.85	7.50	7.86	8.18	8.17	8.21	8.15
25	7.42	.....	.....	6.59	7.03	6.94	7.45	7.91	8.17	8.10	8.27	8.09
Eom	7.49	.....	6.75	6.62	6.83	7.06	7.55	7.97	8.22	8.24	8.25	7.82

1960

5	7.69	6.89	6.43	5.82	6.41	6.84	7.37	7.90	.....	8.18	8.22	8.24
10	7.45	6.90	6.19	6.05	6.26	7.03	7.39	7.90	.....	8.04	8.26	8.27
15	7.47	7.07	e5.95	6.02	6.46	7.05	7.51	.....	8.17	8.10	8.23	8.25
20	7.40	6.87	5.97	6.17	6.59	7.14	7.72	.....	8.09	8.17	8.33	8.29
25	7.42	6.69	6.08	6.10	6.71	7.25	7.72	.....	8.15	8.17	8.20	8.28
Eom	7.00	6.82	5.85	6.33	6.77	7.24	7.81	.....	8.16	8.16	8.29	8.20

1961

5	8.08	8.15	7.83	6.03	6.35	6.83	7.27	7.50	7.71	7.98	8.22	7.78
10	e8.09	7.99	7.76	6.11	6.32	6.93	7.34	7.58	7.79	7.99	8.22	7.59
15	8.13	8.03	6.64	6.07	6.35	6.07	7.20	7.57	7.92	8.14	8.05	7.06
20	8.13	7.84	6.54	6.16	6.45	6.02	7.29	7.60	7.85	8.15	8.14	6.61
25	8.18	7.88	6.61	6.23	6.55	6.05	7.39	7.63	7.97	8.23	7.80	6.64
Eom	8.16	7.87	6.01	6.28	6.76	7.18	7.48	7.69	8.01	8.15	7.79	.....

1962

5	6.52	5.86	5.70	5.82	.....	6.27	6.75	7.21	.....	7.75	8.10	8.04
10	6.48	5.99	5.69	5.38	.....	6.33	6.85	7.30	7.70	7.87	8.16	8.18
15	6.29	5.99	5.60	5.13	.....	6.35	6.95	7.37	7.65	7.84	8.07	8.09
20	6.20	6.18	5.58	5.23	.....	6.43	7.08	7.43	7.67	7.85	7.98	8.13
25	6.02	5.84	5.66	5.32	.....	6.55	7.08	7.49	7.77	8.04	8.10	8.09
Eom	.....	5.75	5.69	.....	6.20	6.69	7.21	.....	7.78	7.96	8.04	8.01

1963

5	.....	7.44	7.40	7.26	7.58	7.67	7.75	7.92	8.12	8.38	8.44	8.18
10	.....	7.45	7.17	7.24	7.56	7.76	7.84	7.90	8.20	8.38	8.46	8.22
15	.....	7.60	7.15	7.47	7.60	7.88	7.83	8.01	8.28	8.39	8.63	7.85
20	.....	7.60	7.16	7.52	7.73	7.82	7.72	8.02	8.21	8.46	8.52	7.81
25	.....	.....	7.20	7.52	7.80	7.77	7.75	.....	.....	8.51	8.47	7.70
Eom	7.55	7.50	7.25	7.31	7.61	7.75	7.84	8.18	8.36	8.58	8.38	7.83

e Estimated.

Marshall County

342455N0861602.1. Local number Mal-1. Kayo Oil Co. Claysville. $NW\frac{1}{4}SE\frac{1}{4}$ sec. 24, T. 7 S., R. 3 E. Drilled unused artesian well in Chickamauga Limestone of Middle and Late Ordovician age, diam 6 in, depth 71 ft, cased to 20. Lsd 605 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 3.97 below lsd, Jan. 27, 1962; lowest 39.07 below lsd, Nov. 8, 22, 1961. Records available: 1961-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 10, 1961	31.75	Sept. 13, 1961	35.49	Oct. 25, 1961	39.02	Dec. 6, 1961	35.32
29	33.94	27	36.83	Nov. 8	39.07	20	16.00
Sept. 6	34.29	Oct. 10	37.15	22	39.07		

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	8.61	....	....	....	....	....	7.97
10	....	....	....	....	....	....	....	....	....	....	....	....
15	....	7.24	6.10	....	....	....	....	....	....	....	....	....
20	6.21	7.24	6.74	....	....	....	....	....	....	....	....	....
25	5.63	4.97	....	....	....	....	....	....	....	....	....	....
Eom	....	h5.63	....	7.06	8.57	8.73	....	....	....	....	7.52	....

1963

5	....	....	....	....	....	....	....	....	....	....	....	....
10	....	....	....	....	....	....	....	....	....	....	....	....
15	....	....	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	....	....	....	....	....	....	6.41
25	....	h7.10	h6.72	7.47	7.84	6.48	6.87	8.20	10.17	9.44	....	6.14
Eom	....	....	....	6.29	....	....	....	....	8.87	....	....	....

h Tape measurement.

342022N0861830.1. Local number Mal-2. Boaz Spinning Mills. Guntersville. $SW\frac{1}{4}SW\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 8 S., R. 3 E. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in, depth 130 ft, cased to 124. Lsd 610 ft above msl. MP top of casing, 2.10 ft above lsd. Highest water level 11.99 below lsd, Apr. 22, 1962; lowest 18.3 below lsd, Dec. 4, 1962. Records available: 1962-63.

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.80	15.04	15.82	14.00	17.50	16.89	17.6	17.7	18.0
10	15.00	15.62	15.90	16.39	17.82	16.52	17.9	17.9	17.0
15	12.80	14.95	16.49	14.75	17.88	16.00	17.7	17.9	....
20	h15.19	....	15.00	14.82	16.60	17.12	17.53	17.08	17.3	17.8	....
25	14.45	15.84	15.94	17.47	17.62	17.57	17.6	17.6	16.0
Eom	h14.34	14.80	14.30	15.88	16.20	....	17.64	16.0	17.7	17.7	....

1963

5	....	....	....	15.5	13.5	15.6	13.6	15.8	17.3	16.0	17.4	....
10	....	....	....	14.8	15.6	15.8	16.3	15.9	17.9	15.8	16.4	....
15	....	....	....	14.7	15.5	16.2	16.5	15.7	15.0	17.2	....	....
20	....	....	....	15.5	15.7	15.2	16.3	15.8	17.8	16.7	....	h16.35
25	....	15.9	14.8	15.9	13.7	15.1	15.7	16.1	17.9	17.4	....	....
Eom	17.4	....	14.9	15.1	14.7	13.4	16.0	16.5	16.0	16.8	....	....

h Tape measurement.

341944N0861817.1. Local number Mal-3. Val Monte Resort. Guntersville. $NW\frac{1}{4}NE\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T. 8 S., R. 3 E. Drilled unused artesian well in Bangor Limestone or Girkin Formation of Late Mississippian age, diam 6 in, depth 305 ft, cased to 40. Lsd 600 ft above msl. MP top of casing, 1.70 ft below lsd. Highest water level 3.22 below lsd, Dec. 20, 1963; lowest 7.08 below lsd, Sept. 25, 1963. Records available: 1962-63. Recorder removed July 22, 1963. Aug. 23, 1963, 6.59; Sept. 25, 7.08; Oct. 22, 5.89; Nov. 26, 4.92; Dec. 20, 3.22.

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.05	6.02	4.75	5.12	5.60	6.75	....	....	....	....
10	6.43	5.05	4.75	....	6.80	5.88	....	....	....	....
15	6.63	6.33	4.31	....	....	....	....	....	....	....	....
20	6.30	6.71	....	....	....	....	....	....	....	....	....
25	5.15	6.53	....	....	....	....	....	....	....	....	....
Eom	5.80	6.60	4.75	4.66	6.00	....	....	....	....	....	....

341837N0862943. 1. Local number Mal-4. City of Arab. Spurill Lumber Yard. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 8 S., R. 1 E. Drilled unused artesian well in Pottsville Formation of Early to Middle Pennsylvanian age, diam 8 in, depth 362 ft, cased to 100. Lsd 1,080 ft above msl. MP top of casing, at lsd. Highest water level 53.62 below lsd, Jan. 26, 1956; lowest 76.58 below lsd, Nov. 27, 1963. Records available: 1956, 1962-63. Jan. 26, 1956, 53.62.

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	64.8	60.6	59.8	60.0	65.4	67.8	71.7	73.8	74.00	75.42	71.31
10	64.9	65.8	61.7	59.5	60.9	56.3	67.7	....	74.4	73.74	75.66	71.30
15	66.4	66.5	63.9	58.9	62.2	64.4	69.0	....	74.8	73.80	75.07	71.40
20	66.6	67.3	63.3	59.2	64.3	64.8	70.2	....	75.0	74.29	75.72	71.90
25	65.5	67.0	61.8	59.1	65.1	65.1	71.5	....	75.0	74.87	....	71.10
Eom	....	66.6	60.4	59.2	66.5	66.5	....	73.2	74.60	75.12	71.95	69.82

1963

5	68.74	67.17	67.45	64.58	65.56	65.08	....	63.88	....	....	....	....
10	67.98	66.82	66.60	63.98	65.60	65.98	....	64.52	....	....	....	....
15	67.80	68.06	65.01	64.74	66.16	66.65	....	65.04	....	....	....	....
20	67.20	67.48	63.78	65.43	66.64	65.88	....	65.29	....	....	....	71.98
25	....	67.70	64.15	66.95	66.92	....	63.54	65.14	70.12	....	....	71.27
Eom	67.27	67.71	64.31	66.30	65.15	....	63.62	65.85	....	....	....	71.15

Mobile County

305825N0880045. 1. Local number Mob-1. Courtaulds, Inc. Salco. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 1 S., R. 1 E. Drilled unused water-table well in sand and gravel of Pliocene (?) and Miocene age, diam 12 to 8 in, depth 123 ft, cased to 123, screened 105-123. Lsd 43.1 ft above msl. MP top of 12-in casing, 1.00 ft above lsd. Highest water level 38.43 below lsd, Nov. 18 1961; lowest 47.00 below lsd, Oct. 19, 1957. Records available: 1954-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	44.01	44.13	44.52	44.26	43.89	43.88	43.30	42.85	42.82	43.21	44.14	42.30
10	43.96	44.24	45.09	44.13	43.85	43.95	43.20	42.84	42.82	43.69	44.15	42.21
15	43.96	44.32	45.46	44.03	43.84	43.82	43.09	42.84	42.78	44.05	43.16	42.05
20	43.98	44.30	45.71	43.93	43.85	43.69	43.00	42.82	42.79	44.31	42.59	41.93
25	44.09	44.26	45.26	43.98	43.87	43.57	42.94	42.81	42.74	44.37	42.28	41.80
Eom	44.17	44.26	44.49	43.90	43.88	43.44	42.88	42.80	42.71	44.18	42.31	41.77

1960

5	41.79	40.77	40.83	40.43	42.92	42.77	....	43.00	41.76	43.19	43.39	43.08
10	41.79	40.75	40.68	40.39	42.86	42.79	....	42.93	41.84	43.19	43.11	43.10
15	41.79	40.84	40.54	40.11	42.82	42.81	....	42.21	41.92	43.39	43.04	43.18
20	41.86	40.78	40.53	39.92	42.83	42.86	....	41.95	42.03	43.65	42.92	43.27
25	41.88	40.81	40.46	39.92	42.79	42.89	42.39	41.80	42.57	43.98	42.95	43.32
Eom	40.79	40.82	40.42	41.12	42.76	....	42.71	41.77	42.95	43.66	43.00	42.91

1961

5	42.85	42.69	....	42.90	42.47	42.77	41.98	41.66	41.29	41.24	38.91	39.77
10	42.74	42.62	....	43.17	42.32	42.43	41.85	41.75	41.30	41.47	38.65	39.34
15	42.63	42.66	42.95	43.24	42.25	42.69	41.84	41.64	41.28	40.86	38.49	39.17
20	42.77	42.76	42.91	43.00	42.70	42.61	41.73	41.51	41.29	40.31	38.66	39.06
25	42.86	42.73	42.97	42.75	42.56	42.34	41.68	41.41	41.28	39.81	39.14	39.12
Eom	42.79	42.74	42.79	42.68	42.61	42.12	41.79	....	41.28	39.27	39.54	....

1962

5	39.24	39.53	39.37	39.39	39.29	38.76	....	39.03	39.38	40.01	40.31	....
10	39.56	39.55	39.33	39.57	39.01	38.79	....	39.13	39.48	40.07	40.37	....
15	39.55	39.11	39.37	39.51	38.88	38.83	38.90	39.15	39.62	40.13	40.61	....
20	39.50	39.22	39.38	39.40	38.77	38.91	38.84	39.17	39.79	40.20	40.66	41.13
25	39.59	39.32	39.29	39.79	38.77	....	38.81	39.21	39.84	40.28	....	41.17
Eom	39.58	39.36	39.28	39.60	38.76	....	38.89	39.29	39.92	40.27	....	41.22

1963

5	....	42.02	42.80	42.60	42.83	43.05	....	44.41	44.19	44.26	....	....
10	....	....	43.09	42.51	42.96	43.48	....	44.30	....	44.23	....	....
15	....	....	43.31	42.54	42.90	43.65	....	44.16	....	44.25	....	....
20	41.72	....	43.03	42.51	43.10	43.59	....	44.21	....	44.33	....	....
25	41.77	42.58	42.93	42.51	43.10	43.76	e44.59	44.14	44.03	h44.25	....	h44.25
Eom	41.81	42.62	42.67	42.57	43.02	....	44.54	44.23	44.34	....	....	....

e Estimated.

h Tape measurement.

Monroe County

313120N0872025.1. Local number Mon-3. U. S. Geol. Survey. Monroeville American Legion Club. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 6 N., R. 7 E. Drilled observation artesian well in sand and gravel of Miocene and Pliocene age and limestone of Eocene and Oligocene age, diam 6 in, depth 128 ft, cased to 88, open hole. Lsd 408 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 51.14 below lsd, May 9, 1961; lowest 65.54 below lsd, Mar. 7, 15, 1956. Records available: 1953-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	62.68	63.33	63.55	63.46	62.73	62.42	61.81	61.59	.....	62.64	62.32	61.92
10	62.79	63.42	63.56	63.34	62.63	62.37	61.74	.....	.....	62.67	62.23	61.88
15	62.93	63.44	63.63	63.23	62.57	62.29	61.69	.....	62.56	62.72	62.19	61.87
20	63.02	63.49	63.66	63.08	62.57	62.17	61.64	.....	62.58	62.64	62.08	61.87
25	63.10	63.48	63.64	62.95	62.48	62.02	61.62	.....	62.55	62.51	62.02	61.88
Eom	63.23	63.48	63.57	62.82	62.43	61.91	61.61	.....	62.60	62.42	61.97	61.90

1960

5	61.90	61.57	61.09	58.89	56.90	56.47	56.95	57.36	57.79	57.74	58.30	58.97
10	61.92	61.51	60.85	58.33	56.71	56.58	56.97	57.43	57.93	57.83	58.40	59.07
15	61.94	61.48	60.65	57.93	56.62	56.60	57.05	57.50	58.07	57.90	58.47	59.25
20	61.89	61.44	60.51	57.58	56.55	56.68	57.15	57.57	57.77	58.00	58.59	59.34
25	61.76	61.31	.....	57.26	56.51	56.77	57.19	57.65	57.69	58.08	58.71	59.51
Eom	61.66	61.24	.....	57.06	56.49	56.83	57.29	57.77	57.72	58.17	58.86	59.63

1961

5	59.78	.....	55.82	53.76	51.37	51.45	51.68	52.31	53.01	54.02	55.14	56.25
10	59.93	.....	55.66	.....	51.23	51.55	51.74	52.42	53.20	54.18	55.72	56.43
15	60.02	.....	55.49	52.50	51.20	51.70	51.86	52.49	53.37	54.37	55.49	56.39
20	60.20	.....	55.15	52.08	51.23	51.77	51.99	52.60	53.50	54.54	55.70	56.30
25	60.37	.....	54.76	51.75	51.26	51.83	52.11	52.72	53.67	54.74	55.90	56.29
Eom	.....	.....	54.25	51.55	51.36	51.68	52.23	.....	53.84	54.94	56.09	.....

1962

5	56.24	56.10	56.44	55.98	55.06	55.17	.....	56.57	57.39	58.33	59.28	60.11
10	56.23	56.20	56.39	55.79	54.98	55.29	.....	.....	57.55	58.50	59.43	.....
15	e56.08	56.25	56.44	55.63	54.98	55.36	56.05	.....	57.69	58.64	59.56	.....
20	e56.02	56.25	56.39	55.41	54.96	55.45	56.15	.....	57.84	58.78	59.72	60.54
25	56.00	56.35	56.44	55.26	55.02	.....	56.27	57.05	57.99	58.96	59.88	60.70
Eom	56.08	56.40	56.44	55.18	55.10	.....	56.42	57.23	58.17	59.08	59.99	60.85

1963

5	.....	61.52	61.96	62.15	62.38	62.69	62.80	63.01	63.27	63.66	64.06	64.46
10	.....	61.58	61.94	62.20	62.42	62.73	62.77	63.05	63.33	63.73	64.15	64.49
15	.....	61.68	61.96	62.23	62.48	62.84	62.80	63.09	63.41	63.78	64.21	64.54
20	61.41	.....	62.04	62.27	62.53	62.86	62.82	63.16	63.45	63.84	64.28	64.57
25	61.40	61.80	62.04	62.30	62.57	62.86	62.90	63.17	63.53	63.92	64.35	64.67
Eom	61.47	61.84	62.10	62.34	62.64	62.85	62.97	63.23	63.61	63.99	64.44	64.62

e Estimated.

Montgomery County

322124N0862327.1. Local number Mtg-2. City of Montgomery well 37. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 16 N., R. 17 E. Drilled unused artesian well in sands of Eutaw Formation and Tuscaloosa Group of Late Cretaceous age, diam 18 to 10 in, depth 680 ft, cased to 670, screened 208-218, 232-242, 330-350, 376-386, 403-418, 605-620, 650-670. Lsd 161.50 ft above msl. MP top of 18-in casing, 1.20 ft above lsd. Highest water level 64.0 below lsd, Jan. 19, 1960; lowest 128.1 below lsd, Oct. 2-3, 1955. Records available: 1951-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	76.9	76.8	75.0	75.5	.....	.....	98.6	99.9	101.3	92.8	83.3	83.7
10	78.6	76.1	75.2	80.9	.....	84.9	101.0	101.0	101.2	90.5	83.4	85.2
15	78.1	76.0	74.0	83.3	78.3	85.7	98.6	101.1	101.6	89.4	85.8	82.1
20	78.5	74.7	82.2	81.5	79.4	90.0	97.3	102.5	94.2	86.0	86.8	80.9
25	77.7	74.5	79.3	81.5	80.2	92.7	100.2	102.0	94.0	85.1	85.0	79.5
Eom	77.4	74.8	75.2	.....	80.4	97.1	100.6	102.3	93.3	84.1	83.1	77.2

1960

5	71.9	.....	81.9	85.0	87.6	97.1	.....	.....	101.5	98.4	93.4	90.8
10	68.1	.....	82.4	86.3	83.6	.....	.....	.....	105.2	95.7	93.1	90.7
15	67.7	82.4	82.1	86.6	85.4	.....	108.7	.....	106.3	94.6	93.5	90.6
20	.....	80.7	82.0	86.5	90.7	.....	106.0	103.5	104.7	95.1	94.9	90.3
25	.....	84.6	83.9	88.6	96.5	.....	104.9	101.9	106.4	92.7	94.4	91.5
Eom	.....	82.4	85.2	88.9	98.1	.....	105.0	101.0	101.1	91.4	91.8	92.4

322124N0862327.1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	95.2	95.6	102.1	113.8	104.5	109.3	e105.6	.....	.....	107.8	104.0	....
10	95.5	97.9	105.8	113.5	.....	112.9	e104.4	.....	.....	108.4	104.0	....
15	94.0	99.2	107.0	114.6	.....	111.9	.....	.....	.....	109.6	103.0	....
20	95.1	98.7	107.8	112.9	.....	108.3	.....	.....	92.3	107.3	.....	....
25	95.8	98.5	110.9	111.5	103.9	108.2	102.3	.....	105.7	108.5	.....	....
Eom	....	96.2	112.8	109.0	105.4	106.4	.....	.....	110.0	103.8	.....	....
1962												
5	.....	101.2	....	101.8	103.4	118.0	117.7	.....	126.5	113.8	112.4	108.6
10	.....	101.0	.....	99.5	108.2	120.5	114.0	.....	121.2	114.4	111.0	108.8
15	.....	99.9	.....	100.8	111.8	116.1	117.6	.....	e121.4	115.5	.....	113.1
20	104.6	99.7	99.6	98.3	118.0	117.3	.....	120.3	117.0	115.9	106.2	113.0
25	106.5	100.2	99.1	101.3	121.8	113.3	.....	119.4	116.1	114.3	105.4	111.5
Eom	e104.3	101.1	104.3	99.2	125.0	114.7	.....	123.0	114.9	113.0	106.6	109.8
1963												
5	.....	107.5	103.5	105.4	102.2	110.2	113.8	113.6	121.8	116.5	111.5	107.3
10	109.2	106.3	104.7	103.0	106.5	113.7	114.9	121.1	123.5	115.9	112.4	106.9
15	110.2	106.5	102.9	100.7	110.0	118.0	115.5	116.9	122.9	116.1	111.7	105.3
20	107.8	106.3	103.5	104.8	111.6	116.8	116.1	116.2	119.7	115.5	110.9	107.0
25	111.2	105.6	103.7	105.6	114.9	110.0	115.7	115.4	119.7	114.1	105.6	106.2
Eom	108.8	107.0	105.2	100.5	109.8	112.3	112.1	118.3	117.2	112.7	105.5	101.2

e Estimated.

322143N0862147.1. Local number Mtg-3. U.S. Geol. Survey. Montgomery. Lomax School. On Old Hayneville Rd. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 21, T. 16 N., R. 17 E. Drilled observation artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 to 4 in, depth 271 ft, cased to 271, screened 210-215, 220-225, 265-270. Lsd 167.20 ft above msl. MP top of 6-in casing, 1.00 ft above lsd. Highest water level 14.6 below lsd, Apr. 8, 1962; lowest 31.32 below lsd, Oct. 1, 1955. Records available: 1952-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	20.9	20.2	18.5	16.8	18.4	18.7	22.6	23.9	24.5	23.8	21.6	....
10	21.2	19.8	18.4	17.9	18.7	18.3	23.0	23.9	24.4	23.5	21.4	....
15	21.0	19.1	18.2	18.1	18.5	18.4	22.8	24.3	23.1	23.0	....	....
20	21.1	18.7	19.3	17.9	19.0	19.6	22.7	24.6	23.0	22.4	....	....
25	21.0	18.6	18.5	18.1	18.9	20.9	e23.5	24.4	22.9	22.0	....	....
Eom	20.6	18.6	17.3	18.2	19.1	22.1	24.0	24.7	23.1	21.9	....	....
1960												
5	....	18.1	16.7	14.9	17.4	19.9	....	22.5	23.2	22.6	22.3	22.0
10	....	18.8	16.8	15.4	16.6	19.8	22.9	22.8	23.7	22.3	22.4	22.2
15	19.8	17.9	16.8	15.8	17.0	20.4	23.0	22.3	24.0	22.1	22.3	22.2
20	18.9	17.5	16.0	16.2	18.2	20.8	22.7	23.0	23.7	22.3	22.8	22.1
25	18.2	16.6	16.5	16.9	19.5	....	22.6	23.0	24.0	21.9	22.7	22.5
Eom	18.1	16.5	16.4	17.4	20.0	....	22.7	23.0	23.0	22.0	22.2	22.4
1961												
5	22.7	22.7	19.5	18.8	18.2	21.4	21.8	22.0	20.7	22.5	22.6	21.8
10	23.0	22.7	18.9	19.0	18.3	22.4	21.9	21.8	21.3	22.5	22.5	22.1
15	22.8	22.9	19.0	18.8	18.4	22.5	20.9	22.1	21.7	23.2	22.2	e18.5
20	22.9	22.3	18.9	18.6	19.3	21.8	21.3	22.7	21.3	22.9	22.2	16.3
25	23.0	20.3	19.7	18.6	19.8	21.8	21.4	22.7	21.8	23.2	22.2	16.8
Eom	23.0	18.9	20.0	18.6	20.3	21.4	21.6	22.5	22.8	22.5	22.1	16.6
1962												
5	17.3	....	16.5	16.0	17.0	21.3	22.3	23.8	26.2	23.9	24.6	24.3
10	16.9	....	16.9	14.9	18.0	22.1	21.8	23.9	25.0	24.4	24.5	24.5
15	17.9	....	16.2	15.0	19.5	21.6	22.7	24.1	25.1	24.7	24.1	25.2
20	17.7	17.9	15.9	15.1	21.2	22.0	23.2	24.0	24.4	24.9	23.8	25.3
25	17.5	17.1	16.0	16.2	22.1	21.8	25.4	24.2	24.1	24.7	23.5	25.0
Eom	17.2	16.9	17.4	16.8	23.4	21.7	24.0	25.0	24.3	24.5	23.8	24.9
1963												
5	....	22.6	21.3	21.4	21.6	23.8	24.8	25.4	27.8	26.5	26.0	25.8
10	24.9	22.2	20.7	21.1	22.3	24.9	25.1	27.2	28.2	26.5	26.3	25.8
15	25.0	21.9	20.2	21.3	23.0	26.6	25.2	26.4	28.1	26.6	26.2	....
20	24.4	21.9	20.2	21.8	24.1	25.9	25.3	26.2	27.3	26.6	26.1	25.7
25	23.7	21.5	20.8	22.0	24.8	24.1	25.5	26.2	27.5	26.5	26.1	25.5
Eom	23.5	21.7	21.2	21.4	23.7	24.4	24.8	27.0	26.7	26.3	25.7	24.7

e Estimated.

322045N0862235.1. Local number Mtg-4. City of Montgomery. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 20, T. 16 N., R. 17 E. Drilled observation artesian well in sand of Tuscaloosa Group of Late Cretaceous age, diam 6 in, depth 446 ft. Lsd 152.80 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 52.6 below lsd, Nov. 2 (previously reported Mar. 2), 1957; lowest 135.1 below lsd, Oct. 2-3, 1955. Records available: 1953-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	68.8	e67.6	65.6	....	72.1	80.7	96.9	103.1	109.6	....	....	84.9
10	70.2	e67.1	65.7	72.0	72.0	e83.1	99.3	102.0	106.9	....	....	85.7
15	69.6	66.9	65.8	77.8	71.5	85.6	101.6	103.2	102.9	....	86.2	....
20	70.0	65.9	72.5	76.3	72.2	82.8	102.7	105.6	98.0	82.3	86.9	....
25	69.4	65.5	70.3	76.8	72.6	87.3	102.9	105.5	....	....	87.5	....
Eom	68.7	65.3	....	75.1	76.8	92.6	102.0	107.7	....	....	85.6	....

1960

5	....	70.8	73.4	74.2	84.4	92.7	109.7	104.4	e96.5	91.9	82.4	85.1
10	....	83.1	77.9	74.0	80.1	97.9	109.8	106.6	102.4	88.8	82.0	84.9
15	69.7	72.9	77.7	74.4	82.0	100.8	109.2	e106.5	104.8	86.3	85.8	84.4
20	67.1	73.0	75.6	74.4	....	101.4	107.6	e101.3	102.6	88.0	89.2	83.9
25	65.8	73.1	75.3	78.4	....	104.8	104.6	e99.8	103.7	83.1	89.4	85.0
Eom	66.6	71.0	74.6	85.4	....	104.9	105.3	e99.5	95.2	81.7	86.6	87.3

1961

5	91.1	....	....	105.5	87.2	94.1	92.1	95.4	94.3	98.4	93.7	....
10	93.0	....	....	106.0	83.0	99.2	89.9	93.6	96.9	98.5	92.5	....
15	92.6	....	91.6	106.3	79.0	100.4	81.1	95.8	99.5	98.5	88.8	....
20	93.8	....	92.2	105.6	81.5	97.0	86.7	96.9	95.7	97.6	....	....
25	95.1	....	97.9	104.4	81.5	96.4	86.5	97.0	93.3	98.2	....	....
Eom	....	....	102.8	95.0	85.0	92.7	90.8	98.1	99.9	90.4	....	....

1962

5	78.7	86.9	87.5	86.9	90.5	112.7	106.0	114.7	121.1	105.7	105.9	97.4
10	86.8	86.3	86.0	87.4	96.0	114.0	99.7	113.9	115.2	107.7	103.6	98.0
15	94.6	84.1	86.8	86.0	102.5	112.6	104.9	114.5	116.6	108.2	99.4	103.3
20	94.8	83.3	83.8	84.2	110.3	112.4	111.3	115.0	111.5	107.9	96.6	103.1
25	95.7	86.3	85.0	88.0	e115.4	107.0	118.1	113.7	110.2	106.8	94.3	100.6
Eom	92.2	88.1	89.5	83.5	117.7	105.7	115.5	118.3	108.9	106.2	95.2	99.5

1963

5	....	97.8	96.8	94.8	95.9	104.0	109.7	109.9	....	....	106.7	98.8
10	98.5	96.3	95.8	93.2	102.0	107.4	111.2	114.9	....	....	107.5	....
15	100.4	96.7	93.9	91.4	106.1	....	112.9	e110.16	....	....	104.4	....
20	98.0	98.4	92.8	94.3	110.3	....	113.0	....	....	111.1	102.9	98.2
25	104.7	98.5	92.8	95.2	113.4	104.1	....	....	115.44	111.3	101.6	100.9
Eom	99.8	99.6	95.3	93.3	104.7	107.6	....	....	....	108.9	98.1	93.2

e Estimated.

h Tape measurement.

322455N0861405.1. Local number Mtg-5. U. S. Air Force. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35, T. 17 N., R. 18 E. Drilled observation artesian well in sand of Gordo Formation of Tuscaloosa Group of Late Cretaceous age, diam 8 in, depth 232 ft, cased to 215, screened 215-232. Lsd 220.8 ft above msl. MP top of casing, 1.80 ft above lsd. Highest water level 105.24 below lsd, May 9, 1961; lowest 116.97 below lsd, Sept. 16, 24, 1963. Records available: 1957-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	109.68	109.81	108.59	107.50	106.93	106.99	107.78	109.06	110.05	110.70	110.93	111.28
10	109.63	109.76	108.38	107.38	106.93	107.07	108.07	109.34	110.17	110.65	111.03	111.34
15	109.50	109.46	108.15	107.26	106.99	107.13	108.23	109.54	110.23	110.56	111.13	111.26
20	109.73	109.27	108.12	107.10	106.99	107.23	108.40	109.66	110.44	110.59	111.15	111.22
25	109.98	109.00	107.89	107.09	107.03	107.43	108.70	109.73	110.54	110.60	111.25	111.21
Eom	110.02	108.78	107.63	106.89	....	107.57	108.84	109.81	110.60	110.76	111.30	111.09

1960

5	110.96	110.59	....	108.48	107.92	108.69	....	....	113.01	113.43	113.54	112.99
10	110.89	110.51	109.60	108.42	107.87	108.99	....	....	112.28	113.17	....	113.49
15	110.75	110.43	109.43	108.18	108.05	109.21	....	....	112.45	113.28	....	113.38
20	110.75	....	109.28	108.08	....	109.59	....	....	112.59	113.28	....	113.24
25	110.89	....	109.12	108.01	....	109.96	....	....	112.68	113.41	....	113.10
Eom	110.81	....	108.69	107.95	....	110.33	....	....	112.87	113.39	....	113.04

1961

5	112.22	111.55	110.22	107.21	105.43	105.95	107.80	109.29	110.71	112.03	113.17	113.32
10	112.10	111.41	109.78	106.57	105.28	....	108.01	109.62	110.99	112.22	113.27	113.18
15	111.96	111.39	109.24	106.29	105.40	....	108.17	109.92	111.17	112.42	113.37	112.83
20	111.84	111.01	108.71	105.91	105.44	....	108.35	110.15	111.24	112.45	113.36	112.87
25	111.68	110.63	108.23	105.70	105.52	107.07	108.52	110.44	111.45	112.63	113.37	112.73
Eom	....	110.45	107.60	105.61	105.70	107.35	108.98	110.48	111.80	112.94	113.37	112.31

322455N0861405.1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	110.41	109.93	109.30	110.26	111.82	113.39	114.44	114.99	115.61	115.52
10	110.24	109.80	109.30	110.65	112.02	113.56	114.71	115.12	115.62	115.64
15	110.11	109.74	.....	110.80	112.36	113.72	114.85	115.18	115.65	115.72
20	110.88	110.00	109.65	109.63	110.96	112.63	113.90	114.80	115.28	115.71	115.86
25	110.63	109.97	109.48	109.78	111.24	113.01	114.02	114.86	115.36	115.65	115.76
Eom	110.58	109.89	109.33	110.11	111.56	113.27	114.23	114.94	115.39	115.55	115.70

1963

5	.....	115.62	115.16	114.47	114.30	.....	.....	.....	116.68	116.86	116.63	116.24
10	.....	115.55	115.13	114.17	114.40	.....	.....	.....	116.79	116.86	116.67	116.18
15	115.62	115.49	115.04	114.24	114.42	.....	.....	.....	116.96	116.85	116.76	116.03
20	115.33	115.29	114.83	114.22	.....	.....	.....	.....	116.88	116.84	116.64	115.95
25	115.60	115.28	114.81	114.26	.....	.....	.....	.....	116.95	116.74	116.57	115.98
Eom	115.61	115.28	114.59	114.21	.....	.....	.....	116.55	116.77	116.74	116.31	116.02

Morgan County

343312N0865828.1. Local number Mor-1. Jack Pitts. Starlite Motel (previously reported Pitts Motel) on U. S. Highway 31. SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported NE $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 5, T. 6 S., R. 4 W. Drilled unused artesian well in Tuscumbia Limestone of Late Mississippian age, diam 6 in, reported depth 228 ft, measured depth 196 ft, cased to unknown depth, open hole. Lsd 588 ft above msl. MP top of casing, 1.40 ft above lsd. Highest water level 6.47 below lsd, Feb. 25, 1963; lowest 31.0 below lsd, Oct. 20, 1958. Records available: 1953-60, 1962-63. No measurement made in 1961.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.05	19.28	8.10	18.66	17.00	19.28	23.28	24.62	24.90	26.34	24.10	22.00
10	23.80	16.10	7.84	21.28	20.52	19.75	23.89	26.12	26.10	24.70	22.56	24.36
15	24.10	14.56	8.45	20.96	20.78	18.47	24.20	26.20	23.24	23.46	22.50	20.85
20	19.60	8.60	9.52	18.90	20.02	19.08	23.70	21.78	22.10	22.46	19.60	18.38
25	18.52	7.32	10.82	16.45	20.65	20.30	25.12	22.70	24.50	22.28	22.54	16.38
Eom	17.45	7.48	11.10	16.80	20.90	21.72	25.00	24.24	26.28	23.78	23.52	16.18

1960

5	16.32	14.88	9.70	15.50	19.72	21.20	20.98	22.20	18.68	17.50	20.52	12.90
10	15.20	15.28	8.75	15.04	17.22	21.50	21.13	22.28	20.24	17.22	21.54	17.20
15	16.10	11.48	13.90	16.38	15.60	22.70	22.82	22.82	20.70	20.20	18.30	14.55
20	16.15	12.54	14.22	17.85	17.50	20.75	20.50	23.78	17.20	15.87	20.40	13.72
25	16.04	14.90	14.74	16.88	19.50	18.70	19.70	17.08	17.44	19.00	18.00	11.61
Eom	16.52	15.85	14.30	16.92	20.25	20.45	21.50	16.18	17.40	20.05	17.80	17.13

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1962	12.42	Oct. 26, 1962	26.61	Apr. 26, 1963	12.80	Sept. 25, 1963	22.63
Apr. 26	15.14	Nov. 27	22.46	May 22	11.84	Oct. 22	23.89
May 29	20.33	Dec. 28	15.72	June 21	15.35	Nov. 26	24.24
June 25	18.57	Feb. 25, 1963	6.47	July 22	14.41	Dec. 20	12.51
Aug. 28	25.48	Mar. 30	9.81	Aug. 23	15.51		

343612N0870319.1. Local number Mor-2. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 21, T. 5 S., R. 5 W. Drilled observation artesian well in Tuscumbia Limestone of Late Mississippian age, diam 6 in, depth 340 ft, cased to 40, open hole. Lsd 606 ft above msl. MP top of casing, 0.90 ft above lsd. Highest water level 8.65 below lsd, Jan. 28, 1962; lowest 40.50 below lsd, Nov. 26, 1963. Records available: 1961-63.

Aug. 31, 1961	38.32	Jan. 31, 1962	10.34	Mar. 29, 1963	15.68	Aug. 23, 1963	36.67
Sept. 5	37.75	Feb. 29	10.02	Apr. 26	21.25	Sept. 25	38.95
30	38.85	Mar. 5	11.64	May 24	21.05	Oct. 22	39.56
Oct. 31	38.90	June 25	36.24	June 24	26.41	Nov. 26	40.50
Nov. 30	35.62	Feb. 25, 1963	23.90	July 22	33.63	Dec. 20	35.23
Dec. 31	14.92						

343600N0865742.1. Local number Mor-3. U. S. Geol. Survey. City of Decatur. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 5 S., R. 4 W. Drilled observation artesian well in limestone cavity in Fort Payne Chert of Early Mississippian age, diam 6 in, depth 295 ft, cased to 23, open hole. Lsd 570 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 9.45 below lsd, Jan. 31, 1962; lowest 17.25 below lsd, Sept. 17, 1961. Records available: 1961-63.

343600N0865742.1--Continued.

Lowest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.97	16.91	16.46	15.44	16.12
10	16.97	17.21	16.58	15.53	15.99
15	17.07	17.17	16.52	15.77	13.25
20	17.06	17.23	16.00	15.89	11.35
25	17.12	17.08	.....	15.78	13.93
Eom	17.14	16.10	15.89	15.85	15.16

1962

5	15.02	14.20	11.55	12.26	11.05	11.00	11.75	12.04	.....	14.61	15.05	16.24
10	.....	15.44	13.73	11.31	11.00	11.17	11.81	11.55	.....	14.38	14.88	17.01
15	.....	15.24	14.26	10.18	11.23	11.23	11.85	12.19	.....	14.56	14.87	16.08
20	.....	15.55	14.45	10.73	11.17	11.04	11.59	12.04	.....	14.45	15.32	16.18
25	.....	12.13	.....	10.88	11.07	.....	.....	11.62	.....	14.97	15.70	15.50
Eom	9.68	9.85	13.30	11.00	11.15	11.71	12.07	11.74	.....	14.78	16.05	.....

1963

5	15.75	15.20	15.35	12.25	10.70	.....	11.65	.....	11.75	14.35	15.17	.....
10	15.85	16.50	12.15	11.20	10.95	.....	11.75	.....	12.10	14.35	.....	.....
15	14.60	15.95	9.75	11.00	11.20	.....	12.00	.....	13.35	14.70	.....	.....
20	15.00	15.70	11.30	.....	11.25	.....	11.70	.....	13.65	.....	.....	h16.01
25	15.45	15.10	12.05	.....	11.18	11.45	11.50	11.70	13.95	.....	.....	.....
Eom	15.40	15.85	12.65	9.95	11.10	12.10	11.60	11.75	14.35	15.20	.....	.....

h Tape measurement.

343425N0865500.1. Local number Mor-4. U. S. Geol. Survey. U. S. Fish and Wildlife Refuge. SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 5 S., R. 4 W. Drilled observation artesian well in Tusculmbia Limestone of Late Mississippian age and Fort Payne Chert, diam 8 to 6 in, depth 301 ft, cased to 148, open hole. Lsd 624 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 60.60 below lsd, Jan. 30, 1962; lowest 72.88 below lsd, Sept. 24, 25, 1961. Records available: 1961-63.

Lowest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	71.75	72.25	72.60	.....	.....
10	72.03	72.68	72.78	.....	.....
15	72.25	72.82	72.87	.....	.....
20	72.40	72.85	.....	.....	.....
25	72.51	72.88	.....	.....	.....
Eom	72.67	72.64	.....	.....	.....

1962

5	.....	65.40	.....	.....	66.07	67.09	67.47	68.37	68.50	71.71	71.94	72.23
10	.....	.....	.....	.....	.....	67.36	68.13	68.33	69.57	71.86	71.11	72.55
15	.....	.....	.....	.....	.....	67.31	68.51	68.80	69.49	71.22	71.30	72.52
20	.....	.....	.....	.....	.....	67.18	68.00	68.84	69.61	71.32	71.12	72.63
25	.....	.....	.....	.....	.....	.....	.....	68.58	.....	71.74	71.35	71.61
Eom	60.96	.....	65.55	65.26	67.01	68.51	68.78	68.43	.....	71.63	71.94	.....

1963

5	70.36	66.91	68.87	65.80	63.98	65.48	65.64	66.80	67.84	71.90	71.94	71.93
10	71.03	67.72	64.82	64.78	64.57	66.18	66.27	66.94	.....	71.02	72.02	72.52
15	70.05	68.08	61.04	65.09	65.20	66.52	67.01	67.21	.....	71.32	72.09	68.56
20	70.40	68.01	63.58	65.62	65.52	66.08	67.14	67.70	.....	71.58	72.10	69.55
25	69.60	67.88	65.00	65.94	66.00	65.53	65.45	67.82	70.54	71.70	.....	70.26
Eom	68.60	68.52	65.90	63.11	65.14	65.90	65.68	67.80	70.82	71.90	71.28	70.59

Pickens County

332142N0880110.1. Local number Pic-5. Southern Natural Gas. In compound at Reform. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32, T. 19 S., R. 14 W. Drilled unused artesian well in Coker Formation of Late Cretaceous age, diam 18 to 10 in, depth 235 ft, cased to 235, screened 185-235. Lsd 250 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 21.95 below lsd, July 18, 1963; lowest 34.61 below lsd, Dec. 29, 1963. Records available: 1963.

Lowest water level for the day, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	24.84	22.74	22.58	23.03	22.90	23.24	23.62	23.34
10	22.63	23.36	22.50	22.62	23.04	23.33	23.35	23.34
15	23.41	22.73	22.88	22.34	22.62	23.28	23.60	23.50	23.03
20	22.53	23.50	22.79	22.22	22.83	23.08	23.20	23.54	23.23
25	22.67	22.91	22.94	22.35	22.77	23.33	23.42	23.90	23.38
Eom	22.73	22.54	22.61	22.50	22.82	23.78	23.54	23.30	23.50

Russell County

321620N0845705.1. Local number Rus-1. U. S. Army. Fort Benning. East edge of drop zone. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T. 15 N., R. 31 E. Drilled unused artesian well in Tuscaloosa Group of Late Cretaceous age, diam 10 in, depth unknown. Lsd 280 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 58.3 below lsd, Apr. 12, 1962; lowest 63.4 below lsd, Dec. 15, 1963. Records available: 1961-63.

Lowest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	h62.9	.....	.....	61.53	61.43	61.64	.....	61.97
10	61.59	61.47	.....	61.74	61.91
15	61.54	61.51	.....	61.77	61.99
20	61.62	61.40	61.47	.....	61.91	62.04
25	e61.61	61.47	61.47	.....	61.99	62.05
Eom	61.58	61.46	61.55	.....	61.96	62.02

1962

5	61.96	62.03	62.15	61.77	61.2	60.9	60.8	61.0	61.2	61.5	61.9	62.0
10	62.33	62.19	62.14	61.7	61.1	61.0	60.8	61.0	61.3	61.6	61.9	62.2
15	62.10	62.07	61.99	61.6	61.1	60.9	60.9	61.0	61.3	61.6	61.9	62.1
20	62.19	61.96	61.75	61.4	61.0	60.8	60.9	61.1	61.4	61.7	61.9	62.2
25	62.06	62.34	61.73	61.3	61.0	60.8	60.9	61.1	61.4	61.8	62.0	62.3
Eom	62.15	62.23	61.62	61.2	61.0	60.9	60.9	61.2	61.5	61.7	62.0	62.4

1963

5	62.3	62.3	62.1	62.2	62.4	.....	.....	62.6	62.7	63.0	62.9	63.2
10	62.4	62.2	62.3	62.3	.....	.....	.....	62.7	62.8	63.0	63.0	63.3
15	62.5	62.4	62.3	62.4	.....	.....	.....	62.6	62.8	62.9	63.2	63.4
20	62.2	62.2	62.3	62.4	.....	.....	62.5	62.6	62.8	62.9	63.1	63.1
25	62.3	62.2	62.3	62.5	.....	.....	62.7	62.7	62.8	63.0	63.2	63.1
Eom	62.2	62.3	62.3	62.4	.....	.....	62.6	62.7	63.0	63.0	63.3	63.1

e Estimated.

h Tape measurement.

St. Clair County

333525N0861637.1. Local number Stc-1. Avondale Mills. Pell City. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 17 S., R. 3 E. Drilled unused artesian well in Maury Formation and Fort Payne Chert of Early Mississippian age and Floyd Shale of Late Mississippian age, diam 10 in, depth 209 ft, cased to unknown depth. Lsd 548 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 0.72 above lsd, Apr. 30, 1963; lowest 9.1 below lsd, Nov. 8, 1962. Records available: 1962-63.

Lowest water level for the day, above and below lsd, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-1.61	-2.92	-6.32	-5.13	-7.0	-8.1	-6.2	-9.0	-4.9
10	1.33	3.62	6.61	4.75	6.4	8.4	7.1	6.0	4.9
1596	....	....	5.79	7.1	8.2	7.7	6.3	5.5
20	-1.87	1.92	....	....	6.17	7.3	6.7	8.1	4.4	....
25	1.86	2.56	5.62	5.55	6.6	7.4	7.5	8.5	2.9	...
Eom	1.91	....	5.96	5.76	6.8	7.8	8.0	8.8	4.0	...

1963

5	-2.9	-0.2	-1.0	-3.2	-3.3	-5.2	-2.0	-3.1	-6.2	....	....	-5.0
10	3.7	1.4	.8	3.4	...	4.8	2.3	4.0	...	...	-7.9	5.2
15	-1.3	2.1	.4	4.0	...	5.6	3.3	4.1	6.2	-6.4	8.1	.2
20	+5	1.0	1.6	4.6	...	6.1	3.1	5.1	6.7	6.9	8.2	...
25	-8	1.8	2.5	-5.0	4.5	2.8	...	5.1	...	7.2	7.9	...
Eom	.4	2.2	2.6	+3	4.4	2.2	...	5.8	...	7.5	4.9	...

Talladega County

331005N0861505.1. Local number Tal-2. City of Sylacauga. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 21 S., R. 4 E. Drilled observation artesian well in marble, diam 6 to 3 in, depth 202 ft, cased to 69, open hole. Lsd 546.4 ft above msl. MP top of 6-in casing, 0.50 ft above lsd. Highest water level 11.1 below lsd, Mar. 30, 1959; lowest 49.75 below lsd, Dec. 20, 1962. Records available: 1954-63.

331005N0861505.1--Continued.

Lowest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.2	16.6	14.4	13.2	16.6	17.6	28.2	36.3	31.2	27.3	25.6	e29.4
10	24.3	15.8	14.9	14.7	17.6	16.8	30.4	36.4	28.7	26.5	25.8	e30.0
15	23.8	14.0	13.5	14.0	18.0	17.2	31.7	36.8	25.7	23.2	26.1	e30.4
20	22.8	16.0	14.8	15.7	20.0	23.9	32.8	34.8	26.0	24.4	27.4	28.8
25	18.5	15.9	12.9	15.4	19.0	26.9	33.7	35.7	26.6	23.0	27.4	29.1
Eom	18.5	15.5	12.6	15.8	16.5	26.9	35.1	33.0	26.9	24.7	28.9	28.4
1960												
5	27.0	17.5	16.4	14.3	22.2	26.9	30.8	35.1	e32.9	33.1	35.9	37.9
10	26.6	17.4	14.9	15.9	22.8	28.2	31.6	34.1	33.3	30.9	36.5	38.3
15	28.5	18.1	13.6	17.1	23.7	28.9	32.2	33.6	34.5	32.7	36.9	37.6
20	24.5	17.9	13.9	18.4	25.2	29.5	35.8	34.1	32.9	33.9	37.2	39.0
25	25.8	16.3	15.8	19.6	26.1	29.3	39.4	e33.6	34.4	34.9	36.7	36.9
Eom	17.4	17.0	14.2	21.1	27.1	30.4	36.1	e33.2	30.9	35.3	37.1	36.7
1961												
5	37.0	33.5	16.2	14.8	20.0	33.1	21.3	22.9	17.5	22.0	27.7	32.3
10	37.0	33.1	15.5	16.1	20.9	31.4	22.3	19.4	16.1	23.5	29.3	31.1
15	36.6	34.1	16.2	15.1	21.8	29.5	20.9	21.4	17.9	24.3	29.7	17.1
20	36.0	21.7	16.6	17.1	23.2	26.8	20.0	22.3	19.4	25.8	29.9	14.8
25	37.1	12.9	17.5	18.5	24.7	22.0	20.1	21.8	20.5	27.1	30.0	13.8
Eom	34.6	14.1	17.0	18.1	26.2	20.1	21.8	20.4	21.7	27.8	32.1	....
1962												
5	....	15.5	....	18.4	20.4	34.4	28.1	32.7	34.0	30.7	....	....
10	....	....	....	17.8	21.8	31.1	34.6	33.1	39.3	36.8	....	....
15	....	....	17.8	15.2	23.0	28.5	36.9	31.8	33.5	41.1	....	....
20	14.5	18.8	17.9	17.4	24.1	28.2	39.2	32.0	33.5	43.6	....	h49.75
25	14.1	14.1	17.4	18.6	25.4	27.4	36.4	32.0	34.4	45.1	41.6	46.5
Eom	17.1	15.0	18.5	19.1	26.5	28.4	33.5	33.6	38.4	....	44.2	....
1963												
5	....	23.6	20.3	18.9	19.0	24.0	24.8	33.6	32.8	33.0	38.1	36.7
10	44.4	20.9	18.0	20.2	20.8	24.1	25.2	33.8	33.7	34.6	38.5	37.1
15	37.4	21.8	16.4	21.4	22.0	31.1	....	....	33.8	34.1	39.5	29.4
20	27.6	21.4	17.1	22.4	23.3	26.9	27.3	31.6	35.0	35.6	39.8	31.6
25	27.3	21.1	19.0	21.1	24.7	28.0	25.2	30.6	35.8	37.0	39.3	31.4
Eom	26.3	21.7	17.4	20.0	22.6	27.0	27.9	31.9	30.7	37.8	34.9	32.8

e Estimated.

h Tape measurement.

Tuscaloosa County

331240N0873255.1. Local number Tus-1. University of Alabama. North end of Smith Hall. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, T. 21 S., R. 10 W. Drilled observation water-table well in sand and gravel of Coker Formation of Late Cretaceous age, diam 4 to 2 in, depth 56 ft, cased to 56, screened 50-56. Lsd 230.1 ft above msl. MP top of 4-in casing, 1.00 ft above lsd. Highest water level 23.22 below lsd, Apr. 22, 29, 1961; lowest 27.86 below lsd, Jan. 10-11, 13, 1955. Records available: 1954-63.

Lowest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.68	25.73	25.30	25.03	25.05	24.85	24.46	24.77	25.15	25.41	25.69	25.75
10	25.50	25.64	25.23	25.04	25.07	24.72	24.48	24.83	25.21	25.47	25.65	25.76
15	25.75	25.58	25.23	25.05	25.17	24.61	24.54	24.91	25.26	25.50	25.66	25.77
20	25.75	25.47	25.09	25.10	25.19	24.55	24.62	24.96	25.28	25.52	25.67	25.76
25	25.71	25.35	25.07	25.01	25.19	24.50	24.67	25.01	25.31	25.53	25.72	25.76
Eom	25.75	25.32	25.03	25.01	25.03	24.48	24.73	25.08	25.35	25.63	25.73	25.69
1960												
5	25.68	25.09	24.41	23.36	23.63	23.97	24.39	24.93	25.37	25.70	26.13	26.40
10	25.57	24.98	24.17	23.34	23.67	24.06	24.46	24.99	25.45	25.80	26.19	26.45
15	25.50	24.85	23.92	23.28	23.75	24.11	24.56	25.07	25.52	25.85	26.21	26.48
20	25.41	24.74	23.76	23.32	23.83	24.17	24.65	25.14	25.61	25.92	26.26	26.51
25	25.33	24.66	23.57	23.37	23.89	24.25	24.71	25.21	25.58	25.97	26.34	26.54
Eom	25.25	24.56	24.43	23.54	23.94	24.31	24.83	25.30	25.65	26.07	26.37	26.59
1961												
5	26.54	26.63	.....	23.76	23.35	23.88	24.42	.....	.....	.....	25.96	.....
10	26.54	26.66	24.97	23.59	23.39	23.98	24.58	.....	.....	.....	26.02	.....
15	26.56	26.68	24.56	23.36	23.50	24.10	24.51	.....	.....	25.65	.....	.....
20	26.59	26.70	24.28	23.31	23.58	24.17	24.47	.....	.....	25.71	.....	.....
25	25.61	26.25	24.09	23.32	23.67	24.29	24.52	.....	.....	25.80	.....	.....
Eom	26.61	26.04	24.03	23.30	23.82	24.35	.....	.....	.....	25.87	.....	.....

331240N0873255.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1962	25.87	Mar. 25, 1962	24.83	May 22, 1962	25.26	June 10, 1962	25.87
25	25.51	29	24.89	25	25.43	13	25.92
28	25.33	31	24.84	27	25.46	Nov. 13	26.02
Mar. 1	25.30	Apr. 1	24.84	29	25.51	15	26.05
5	25.17	4	24.76	31	25.57	16	26.04
8	25.02	May 14	25.07	June 1	25.59	17	26.06
10	24.95	15	25.10	3	25.63	19	26.11
15	24.91	17	25.14	5	25.71	20	26.10
20	24.84	20	25.18	7	25.83	21	26.09
23	24.80						

Lowest water level for the day, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.35	.....	.....	.....	26.05	.....	25.93	26.00	26.29	26.59	27.01	27.21
10	.....	.....	.....	26.06	26.03	.....	25.99	26.03	26.34	26.75	.....	27.25
15	27.46	.....	.....	26.07	26.02	.....	26.00	26.08	26.39	26.80	27.01	.....
20	27.49	.....	.....	26.09	26.02	.....	25.98	26.14	26.42	26.84	27.07	27.23
25	.....	.....	.....	26.12	26.09	.....	26.00	26.17	26.48	26.89	27.12	27.25
Eom	.....	.....	.....	26.14	26.06	25.94	e26.00	26.22	26.54	26.94	27.18	27.27

e Estimated.

331125N0873625.1. Local number Tus-2. B. F. Goodrich Tire & Rubber Co. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 21 S., R. 10 W. Drilled observation water-table well in sand and gravel of Quaternary age, diam 6 to 5 in, depth 72 ft, cased to 72, screened 56-71. Lsd 161 ft above msl. MP top of 6-in casing, 2.00 ft above lsd. Highest water level 14.43 below lsd, Apr. 15, 1962; lowest 22.54 below lsd, Jan. 30, 1956. Records available: 1955-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	19.93	.....	.....	.....	19.86	17.13	.....	.....	19.85	21.38	20.70	20.65
10	.....	19.99	.....	20.21	.....	17.02	.....	.....	19.92	21.46	20.50	20.74
15	.....	.....	20.18	.....	.....	16.80	18.21	18.84	19.93	21.50	20.52	20.58
20	19.96	.....	.....	.....	18.91	.....	18.38	.....	20.06	21.55	20.54	20.44
25	.....	.....	.....	20.32	.....	.....	18.59	.....	20.12	21.45	20.72	20.34
Eom	.....	.....	.....	.....	.....	.....	18.79	19.52	21.25	20.62	20.74	20.24

1960

5	20.02	17.61	.....	.....	16.83	17.81	18.76	19.59	20.32	20.76	21.25	21.60
10	19.74	17.72	e17.21	.....	17.06	17.99	18.90	19.74	20.40	20.83	21.28	21.63
15	19.54	.....	.....	e15.92	17.28	e18.06	19.06	19.83	20.46	20.91	21.36	21.72
20	19.32	e17.59	.....	16.04	17.45	e18.13	19.24	19.96	20.50	21.00	21.45	21.73
25	19.03	.....	16.95	16.27	17.64	e18.38	19.27	20.08	20.59	21.08	21.48	21.71
Eom	18.62	.....	.....	16.54	17.78	18.59	19.48	20.22	20.71	21.16	21.59	21.64

1961

5	21.54	21.56	17.83	15.27	16.43	17.91	18.75	18.60	e19.50	20.33	21.03	.....
10	21.53	21.48	17.09	15.51	16.57	18.08	18.87	18.83	19.67	20.41	21.11	.....
15	21.51	21.48	16.65	15.57	16.90	18.28	18.46	18.96	19.82	20.56	21.18	.....
20	21.59	21.41	16.54	15.92	17.22	18.36	18.18	19.07	19.94	20.65	21.30	.....
25	21.66	19.05	16.41	16.13	17.33	18.58	18.22	19.23	20.06	20.83	21.36	.....
Eom	21.55	18.32	16.00	16.15	17.69	18.63	18.40	e19.37	20.21	20.90	21.38	.....

1962

5	18.39	.....	15.21	15.52	15.96	.....	.....	19.57	20.32	21.00	.....	22.10
10	18.03	15.49	15.36	15.21	16.29	.....	.....	19.70	20.45	21.13	.....	22.19
15	17.70	15.68	14.84	14.61	16.64	.....	19.03	19.81	20.57	21.21	.....	22.21
20	17.21	15.93	14.83	14.80	.....	.....	19.15	.....	20.69	21.31	.....	22.30
25	16.87	15.12	15.30	15.21	.....	.....	19.30	20.04	20.77	21.44	.....	22.38
Eom	.....	15.04	15.52	15.64	.....	.....	19.43	20.20	20.89	.....	.....	22.44

1963

5	.....	.....	21.00	20.11	20.20	20.61	19.60	18.84	19.95	20.77	21.45	22.01
10	.....	.....	20.73	20.21	20.19	.....	19.54	19.05	20.09	20.89	21.57	22.11
15	.....	21.39	20.47	20.39	20.29	.....	19.39	19.27	20.27	21.01	21.68	22.11
20	.....	21.26	20.17	20.46	20.44	20.72	18.89	19.47	20.34	21.07	21.78	21.88
25	.....	21.13	20.06	20.60	20.59	20.14	18.79	19.61	20.49	21.20	21.86	21.88
Eom	.....	21.09	20.07	20.48	20.56	19.74	18.76	19.80	20.65	21.33	21.98	21.97

e Estimated.

331045N0873425.1. Local number Tus-4. City of Tuscaloosa. City well field. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, T. 21 S., R. 10 W. Drilled observation artesian well in Coker Formation of Late Cretaceous age, diam 6 in, depth 83 ft, cased to 83, screened 77-83. Lsd 160 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 19.19 below lsd, Mar. 20, 1963; lowest 31.74 below lsd, Dec. 31, 1963. Records available: 1962-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	20.10	.....	20.51	.....
10	20.14	.....	20.51	20.52
15	20.16	20.39	.....	20.54
20	20.21	20.43	.....	20.56
25	20.25	20.46	.....	20.56
Eom	20.05	.....	20.48	.....	20.53

1963

5	20.55	19.61	19.79	19.68	19.35	22.57	25.56	27.24	29.11	30.41	31.44	31.52
10	20.64	19.64	19.43	19.37	19.46	23.40	25.74	27.63	29.34	30.61	31.56	31.73
15	20.38	19.77	19.29	19.47	19.66	24.08	25.97	27.91	29.52	30.81	31.71	31.27
20	20.19	19.75	19.19	19.58	20.15	24.42	26.19	28.23	29.80	30.98	31.86	31.16
25	19.84	19.77	19.26	19.70	21.28	24.70	26.55	28.52	30.05	31.14	31.68	31.44
Eom	19.85	19.81	19.40	19.51	21.88	25.12	26.84	28.85	30.20	31.34	31.51	31.74

Wilcox County

315911N0873746.1. Local number Wil-1. City of Camden. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 12 N., R. 8 E. Drilled unused artesian well in sand of Ripley Formation of Late Cretaceous age, diam 4 in, depth 400 ft, cased to 395. Lsd 165 ft above msl. MP top of casing, at lsd. Highest water level 68.1 below lsd, Apr. 27, 1953; lowest 165.0 below lsd, Oct. 1, 1956. Records available: 1953-63. Affected by pumping of nearby wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1959	81.43	Mar. 1, 1960	84.95	Apr. 12, 1961	71.49	Apr. 25, 1962	97.56
Feb. 5	87.68	Apr. 5	73.60	May 11	73.86	May 21	89.26
Mar. 24	80.21	May 3	86.23	June 12	84.31	July 13	108.15
Apr. 21	92.49	June 6	101.74	July 10	98.65	26	121.38
May 27	106.92	28	109.81	27	106.78	Aug. 24	111.73
June 23	109.81	July 27	116.32	Sept. 6	96.43	Sept. 27	118.67
July 24	113.43	Aug. 24	128.64	27	97.11	Nov. 2	109.14
Aug. 27	120.13	Sept. 19	130.21	Oct. 26	101.26	Dec. 19	101.82
Sept. 24	123.72	Oct. 20	104.96	Nov. 28	107.49	Feb. 21, 1963	101.4
Oct. 23	98.76	Nov. 16	98.97	Dec. 28	104.87	May 13	110.7
Nov. 26	102.33	Dec. 20	96.14	Jan. 24, 1962	72.43	Sept. 25	124.1
Dec. 21	89.67	Jan. 23, 1961	102.08	Feb. 23	76.61	Nov. 21	132.9
Jan. 26, 1960	79.62	Mar. 6	80.83	Mar. 21	82.34		

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FLORIDA

By H. G. Healy

The observation-well program in Florida, begun in 1930, was continued during the period 1959 through 1963 in cooperation with the Florida State Geological Survey, the Central and Southern Florida Flood Control District, the Southwest Florida Water Management District, the counties of Broward, Collier, Columbia, Dade, Hillsborough, Orange, Pinellas, Polk, and the cities of Boca Raton, Deerfield, Fort Lauderdale, Miami, Miami Beach, Naples, Pensacola, Pompano Beach, and Tampa. Figure 3 shows the location of observation wells included in this report.

Well-Numbering System

Observation wells in Florida are generally numbered serially by counties. Exceptions to this are wells having numbers with a letter prefix or suffix. In Broward and Dade Counties, the letter prefixes G, S, and F denote U. S. Geological Survey wells, supply wells, and fire wells, respectively. In Escambia, Orange, and Polk Counties, a letter suffix denotes a shallow well near a deeper well having the corresponding number without the letter suffix.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Alachua County

293620N0823620.1. Local number 936-236-1. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 10 S., R. 17 E. Drilled test artesian well in Floridan aquifer, diam 8 in, depth 252 ft, cased to 136. Lsd 72.27 ft above msl. MP top of coupling, 4.00 ft above lsd. Highest water level 20.99 below lsd, Oct. 15, 1960; lowest 33.41 below lsd, Dec. 31, 1963. Records available: 1958-63.

Highest water level for the day, from recorder graph, 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.76	28.88	.....	29.33
10	28.73	28.95	.....	29.39
15	29.02	28.73	29.02	.....	29.42
20	28.99	28.77	29.07	29.32	29.44
25	28.87	28.79	29.14	29.31	29.47
Eom	28.80	28.84	29.23	29.34	29.50

1959

5	29.55	29.29	29.01	26.51	24.88	24.46	23.87	23.37	23.50	22.91	22.74	22.83
10	29.52	29.28	28.97	26.17	24.77	24.40	23.84	23.36	23.52	22.91	22.73	22.94
15	29.45	29.24	28.88	25.87	24.68	24.33	23.75	23.42	23.52	22.90	22.71	23.03
20	29.42	29.19	28.36	25.55	24.64	24.22	23.64	23.46	23.12	22.83	22.71	23.13
25	29.37	29.13	27.60	25.33	24.57	24.09	23.52	23.53	22.92	22.77	22.70	23.22
Eom	29.35	29.09	26.88	25.08	24.50	23.94	23.41	23.57	22.89	22.76	22.82	23.40

1960

5	23.48	24.24	24.88	24.02	23.51	23.89	24.02	23.34	21.55	21.00	21.10	21.56
10	23.61	24.36	24.91	23.92	23.48	24.02	24.03	22.98	21.31	21.00	21.16	21.64
15	23.70	24.53	24.98	23.79	23.52	.....	23.94	22.61	21.26	20.99	21.22	21.65
20	23.86	24.66	24.72	23.69	23.58	24.21	23.85	22.37	21.13	21.02	21.28	21.82
25	23.99	24.75	24.36	23.59	23.65	24.23	23.75	.....	21.07	21.04	21.34	21.97
Eom	24.10	24.82	24.14	23.55	23.79	24.10	23.57	21.79	21.02	21.04	21.42	22.04

1961

5	22.19	22.89	23.23	23.59	23.85	24.40	24.99	25.63	25.31	24.97	25.40	26.09
10	22.30	22.95	23.30	23.64	23.89	24.52	25.10	25.74	25.24	24.99	25.51	26.20
15	22.36	23.01	23.34	23.70	23.97	24.63	25.21	25.81	25.15	25.02	25.63	26.31
20	22.50	23.06	23.41	23.74	24.09	24.72	25.31	25.82	25.08	25.06	25.75	26.42
25	22.63	23.09	23.46	23.75	24.17	24.79	25.42	25.55	25.02	25.17	25.88	26.54
Eom	22.79	23.17	23.50	23.80	24.30	24.88	25.54	25.40	25.00	25.29	25.99	26.69

293620N0823620. 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.79	27.55	28.30	29.07	29.74	30.45	30.99	31.30	30.70	30.07	30.17	30.70
10	26.93	27.67	28.42	29.17	29.85	30.56	31.07	31.12	30.68	30.02	30.23	30.81
15	27.04	27.80	28.56	29.28	29.96	30.65	31.15	30.44	30.53	30.00	30.33	30.91
20	27.16	27.97	28.69	29.40	30.08	30.75	31.22	30.85	30.40	30.01	30.41	31.00
25	27.28	28.10	28.81	29.50	30.20	30.83	31.29	30.78	30.28	30.06	30.52	31.12
Eom	27.44	28.17	28.94	29.62	30.34	30.91	31.30	30.72	30.15	30.10	30.60	31.24
1963												
5	31.35	31.80	32.00	31.64	31.68	32.05	32.35	32.64	32.75	32.80	32.95	33.19
10	31.42	31.90	31.99	31.61	31.72	32.10	32.40	32.69	32.75	32.83	32.99	33.21
15	31.50	31.95	31.90	31.60	31.80	32.14	32.47	32.70	32.76	32.86	33.01	33.26
20	31.59	31.98	31.81	31.60	31.85	32.20	32.51	32.72	32.76	32.89	33.05	33.30
25	31.67	32.00	31.78	31.61	31.92	32.25	32.58	32.75	32.77	32.90	33.10	33.35
Eom	31.74	32.01	31.70	31.64	32.00	32.30	32.61	32.75	32.79	32.92	33.13	33.40

Bay County

301006N0854135. 1. Local number 7. Panama City. Clay and 11th Sts., St. Andrew. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 4 S., R. 15 W. Drilled unused artesian well in Floridan aquifer, diam 3 in, depth 253 ft (previously reported 356 ft). Lsd 26.33 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 36.6 below lsd, Aug. 20, 1936; lowest 78.36 below lsd, June 18, 1963. Records available: 1936, 1946-63. Affected by pumping of nearby wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1959	65.05	May 9, 1960	66.69	June 7, 1961	72.79	July 31, 1962	73.08
Mar. 18	64.70	June 30	72.00	July 11	70.74	Sept. 18	73.09
May 6	66.58	Aug. 11	71.34	Aug. 30	71.12	Nov. 6	71.60
June 17	68.42	Sept. 22	68.25	Oct. 17	69.29	Jan. 7, 1963	68.02
Aug. 19	70.14	Nov. 9	67.16	Nov. 28	70.22	Mar. 5	67.25
Sept. 23	69.08	Dec. 14	67.38	Jan. 9, 1962	67.60	Apr. 22	74.00
Nov. 4	67.75	Jan. 12, 1961	74.70	Feb. 27	67.95	June 18	78.36
Dec. 16	66.95	Mar. 9	63.54	Apr. 17	69.10	Aug. 27	75.24
Jan. 27, 1960	64.32	Apr. 18	64.66	June 6	77.58	Oct. 23	74.58
Mar. 23	63.39						

301649N0853845. 1. Local number 8. St. Joe Paper Co. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 2 S., R. 14 W. Drilled unused artesian well in Floridan aquifer, diam 6 in, depth 435 ft, cased to 300. Lsd 4.52 ft above msl. MP top of cap, 1.60 ft above lsd (since Feb. 27, 1962). Highest water level 2.78 above lsd, Mar. 5, 1963; lowest 0.70 above lsd, Dec. 1, 1954. Records available: 1936, 1947-63.

Feb. 4, 1959	+2.24	Mar. 23, 1960	+1.40	Apr. 17, 1961	+1.80	June 6, 1962	+1.80
Mar. 18	2.01	May 9	1.30	June 7	1.20	July 31	2.60
May 6	1.51	June 30	1.00	July 11	2.20	Nov. 6	1.85
June 17	1.80	Aug. 11	1.60	Aug. 30	2.10	Jan. 8, 1963	2.50
Aug. 19	1.95	Sept. 22	1.40	Oct. 17	1.20	Mar. 5	2.78
Sept. 23	1.90	Nov. 9	1.40	Nov. 28	1.10	Apr. 23	2.10
Nov. 4	1.80	Dec. 14	1.30	Jan. 9, 1962	1.13	June 18	1.30
Dec. 16	1.25	Jan. 12, 1961	1.40	Feb. 27	2.20	Aug. 27	2.60
Jan. 27, 1960	1.90	Mar. 9	1.50	Apr. 17	2.40	Oct. 23	2.20

301427N0853850. 1. Local number 10. L. R. Pierson. SW $\frac{1}{4}$ NE $\frac{1}{4}$ (previously reported NW $\frac{1}{4}$ SE $\frac{1}{4}$) sec. 11, T. 3 S., R. 14 W. Drilled unused (previously reported domestic) artesian well in Floridan aquifer, diam 8 in, depth 300 ft. Lsd 19.51 ft (previously reported 25.74 ft) above msl. MP top of casing, 0.47 ft above lsd. Highest water level 5.53 below lsd, Aug. 20, 1936; lowest 10.67 below lsd, June 6, 1962. Records available: 1936, 1946-63.

Feb. 4, 1959	6.58	May 9, 1961	8.22	June 7, 1961	9.79	July 31, 1962	8.53
Mar. 18	6.67	June 30	9.97	July 11	8.48	Sept. 18	7.56
May 6	7.91	Aug. 11	8.33	Aug. 30	7.72	Nov. 6	9.28
June 17	7.04	Sept. 22	7.55	Oct. 17	8.96	Jan. 8, 1963	7.88
Aug. 19	6.78	Nov. 9	8.66	Nov. 28	9.87	Mar. 5	7.57
Sept. 23	6.93	Dec. 14	8.89	Jan. 9, 1962	9.44	Apr. 23	9.71
Nov. 4	6.98	Jan. 12, 1962	8.50	Feb. 27	9.38	June 18	10.37
Dec. 16	8.06	Mar. 9	8.32	Apr. 17	8.25	Aug. 27	8.41
Jan. 27, 1960	7.61	Apr. 17	7.31	June 6	10.67	Oct. 23	8.66
Mar. 23	7.79						

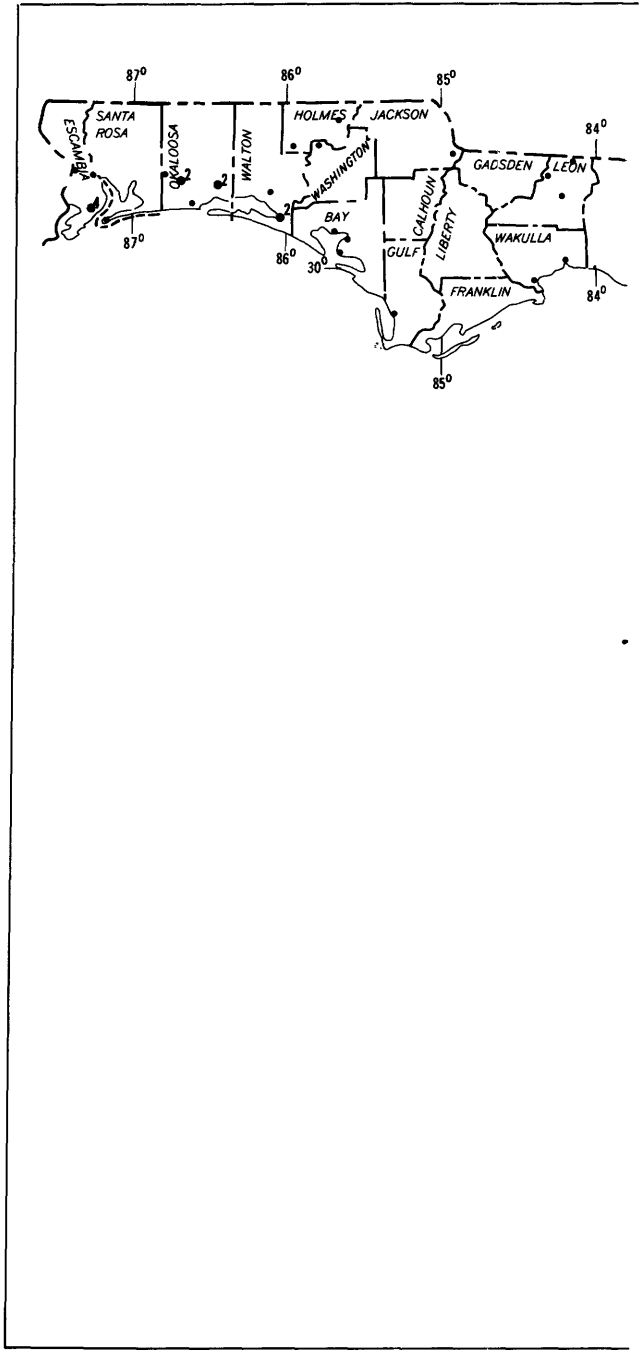
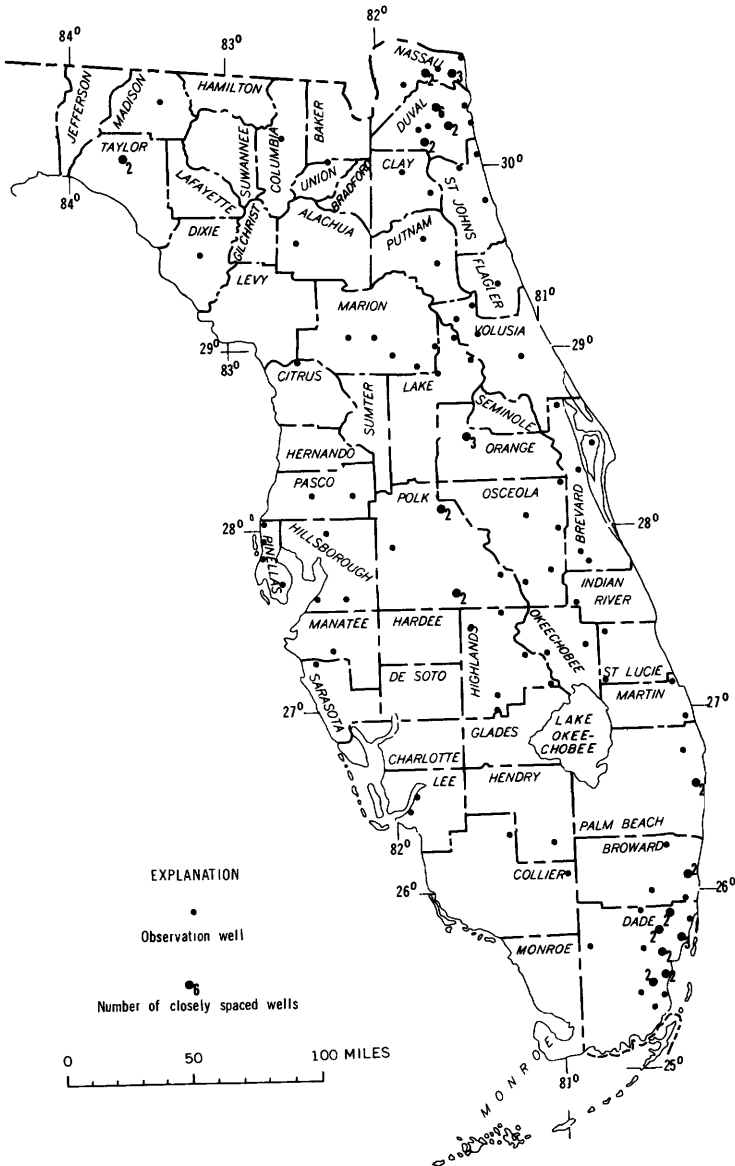


Figure 3. --Locat'ion of observation



wells in Florida, 1959-63.

Brevard County

280506N0804512. 1. Local number 19. R. M. Wall. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 27 S., R. 36 E. (previously reported NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 28 S., R. 36 E.). Drilled domestic artesian well in Floridan aquifer, diam 2 in, reported depth 413 ft, cased to 80. Lsd 19.04 ft above msl. MP top of 2-in tee, 1.00 ft above lsd. Highest water level 30.0 above lsd, Oct. 15, 1949; lowest 15.2 above lsd, June 21, 1963. Records available: 1934, 1946-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 12, 1959	+24.7	June 1, 1960	+24.1	Aug. 2, 1961	+22.8	Aug. 7, 1962	+21.3
Mar. 23	25.8	July 28	25.8	Sept. 13	20.4	Sept. 17	20.5
May 12	23.8	Sept. 14	23.2	Oct. 24	24.2	Nov. 5	20.2
June 22	23.0	Nov. 3	27.0	Dec. 7	23.0	Jan. 9, 1963	20.1
Aug. 13	25.2	Dec. 14	25.0	Jan. 11, 1962	20.6	Feb. 25	23.4
Oct. 5	25.3	Jan. 10, 1961	21.0	Feb. 22	20.2	Apr. 22	20.6
Nov. 16	26.7	Feb. 14	25.2	Apr. 5	21.2	June 21	15.2
Jan. 13, 1960	26.0	Mar. 29	23.8	May 17	20.6	Aug. 23	22.2
Mar. 10	25.4	May 11	19.6	June 28	21.4	Oct. 25	23.9
Apr. 19	24.4	June 21	18.2				

275956N0804347. 1. Local number 20. Marion Platt. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, T. 29 S., R. 36 E. Drilled irrigation artesian well in Floridan aquifer, diam 4 in, reported depth 447 ft, cased to 125. Lsd 22.09 ft (previously reported 23 ft) above msl. MP top of 4-in tee, 1.00 ft above lsd. Highest water level 30.9 above lsd, Aug. 14, 1934 (previously reported 28.7 above lsd, May 12, 1947); lowest 18.9 above lsd, Apr. 22, 1963. Records available: 1934, 1942, 1946-63.

Feb. 12, 1959	+23.4	June 7, 1960	+23.1	Aug. 3, 1961	+22.0	Aug. 7, 1962	+22.1
Mar. 23	24.4	July 28	24.4	Sept. 13	22.8	Sept. 17	23.0
May 12	22.8	Sept. 14	25.6	Oct. 24	23.2	Nov. 5	22.2
June 22	24.1	Nov. 3	25.4	Dec. 7	21.8	Jan. 9, 1963	20.1
Aug. 13	24.4	Dec. 14	23.0	Jan. 11, 1962	20.8	Feb. 25	22.2
Oct. 5	25.6	Jan. 10, 1961	22.6	Feb. 22	20.8	Apr. 22	18.9
Nov. 16	25.9	Feb. 14	23.8	Apr. 5	20.8	June 21	20.0
Jan. 13, 1960	24.3	Mar. 29	22.8	May 17	19.8	Aug. 23	21.8
Mar. 10	23.8	May 11	20.4	June 28	20.8	Oct. 25	22.6
Apr. 19	23.3	June 21	21.0				

284706N0805200. 1. Local number 79. Nevins Fruit Co. Delespine Grant (previously reported NE $\frac{1}{4}$ NW $\frac{1}{4}$), T. 20 S., R. 35 E. Drilled irrigation artesian well in Floridan aquifer, diam 4 in, reported depth 160 ft, cased to 85. Lsd 8.98 ft above msl. MP top of 4-in tee, 0.70 ft above lsd. Highest water level 6.7 above lsd, Aug. 29, 1946; lowest 0.55 below lsd, May 17, 1962. Records available: 1946-63.

Feb. 12, 1959	+2.90	Apr. 19, 1960	+4.0	May 11, 1961	+1.9	May 17, 1962	-0.55
Mar. 24	3.9	June 6	2.9	June 23	1.5	June 28	+1.5
May 12	3.3	July 28	3.9	Aug. 4	2.9	Aug. 8	1.54
June 23	4.2	Sept. 14	4.7	Sept. 14	3.3	Sept. 18	2.37
Aug. 12	3.8	Nov. 3	4.9	Oct. 23	3.1	Nov. 6	2.17
Oct. 6	4.7	Dec. 15	3.9	Dec. 7	3.1	Jan. 10, 1963	2.94
Nov. 17	4.5	Jan. 9, 1961	3.3	Jan. 11, 1962	1.9	Feb. 26	2.27
Jan. 14, 1960	4.0	Feb. 13	4.3	Feb. 22	1.7	Aug. 22	1.06
Mar. 10	3.35	Mar. 30	3.5	Apr. 5	+1.7	Oct. 24	1.84

282135N0804536. 1. Local number 148. W. P. Warren. NW $\frac{1}{4}$ NE $\frac{1}{4}$ (previously reported NE $\frac{1}{4}$) sec. 31, T. 24 S., R. 36 E. Drilled irrigation artesian well in Floridan aquifer, diam 4 in, reported depth 206 ft, cased to 105. Lsd 19.49 ft above msl. MP top of 4-in tee, 1.30 ft above lsd. Highest water level 13.1 above lsd, Sept. 16, 1947; lowest 4.3 above lsd, May 17, 1962. Records available: 1946-63.

Feb. 12, 1959	+10.1	June 7, 1960	+8.6	Aug. 3, 1961	+6.5	Aug. 8, 1962	+7.1
Mar. 24	10.7	July 28	10.0	Sept. 14	7.7	Sept. 17	8.1
May 12	9.2	Sept. 14	11.1	Oct. 23	7.5	Nov. 5	8.0
June 22	10.5	Nov. 3	11.1	Dec. 7	6.3	Jan. 9, 1963	7.1
Aug. 13	9.5	Dec. 14	9.1	Jan. 11, 1962	6.3	Feb. 25	8.2
Oct. 6	11.1	Jan. 9, 1961	8.9	Feb. 22	6.7	Apr. 22	4.58
Nov. 16	11.2	Feb. 14	9.9	Apr. 5	6.5	June 20	5.04
Jan. 14, 1960	9.7	Mar. 29	9.1	May 17	4.3	Aug. 23	6.9
Mar. 10	9.75	May 11	7.1	June 28	6.5	Oct. 24	8.2
Apr. 19	9.8	June 23	5.5				

283404N0803945. 1. Local number 159. H. R. Jacobsen. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 22 S., R. 37 E. Drilled irrigation artesian well in Floridan aquifer, diam 6 in, depth 210 ft, cased to 144. Lsd 3.77 ft above msl. MP top of 6-in tee, 1.70 ft above lsd. Highest water level 17.2 above lsd, Dec. 14, 1946; lowest 8.2 above lsd, May 16, 1958. Records available: 1946-47, 1949-63.

283404N0803945.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 12, 1959	+13.1	June 6, 1960	+12.6	Aug. 4, 1961	+11.7	Aug. 8 1962	+11.4
Mar. 24	13.9	July 28	14.0	Sept. 14	12.9	Sept. 18	12.3
May 12	12.9	Sept. 14	14.9	Oct. 23	12.3	Nov. 5	11.8
June 23	14.0	Nov. 3	15.3	Dec. 7	11.7	Jan. 9, 1963	10.8
Aug. 12	13.7	Dec. 15	13.9	Jan. 11, 1962	10.9	Feb. 25	12.1
Oct. 6	15.1	Jan. 9, 1961	13.3	Feb. 22	10.7	Apr. 23	9.8
Nov. 16	14.5	Feb. 13	14.1	Apr. 5	10.6	June 20	9.2
Jan. 14, 1960	14.2	Mar. 30	13.5	May 17	9.1	Aug. 22	10.9
Mar. 10	11.9	May 11	11.5	June 28	10.7	Oct. 24	13.0
Apr. 19	14.1	June 23	11.1				

Broward County

260010N0800850.1. Local number F291. City of Hollywood. South 20th Ave. and Dewey St. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 51 S., R. 42 E. Drilled unused water-table well in limestone of Biscayne aquifer, diam 6 in, depth 107 ft. Lsd 9.16 ft above msl. MP top of casing, 1.90 ft above lsd. Highest water level 7.26 above msl, Oct. 5, 1948; lowest 0.16 above msl, July 2, 1952. Records available: 1939-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.21	+2.06	+1.71	+2.20	+1.13	+2.53	....	....	+2.27	+3.10	+2.40	+3.12
10	2.70	2.09	1.68	1.87	1.01	2.87	....	....	2.05	2.70	2.77	2.76
15	2.38	1.87	1.55	1.62	1.38	2.51	....	....	2.62	2.37	3.12	2.50
20	2.15	1.85	....	1.47	1.81	4.38	....	....	4.72	3.03	4.78	2.26
25	2.10	1.75	....	1.38	1.68	....	....	+2.20	....	3.26	4.46	2.57
Eom	2.32	1.68	2.45	1.21	1.80	2.94	+2.42	2.07	3.65	2.69	3.67	2.36

1960

5	+2.13	+1.58	+1.47	+1.12	+2.33	+2.10	+1.62	+1.86	+2.77	+4.48	+3.28	+1.85
10	1.96	1.57	1.34	1.00	2.07	2.54	1.53	1.80	4.37	3.92	2.74	e1.78
15	1.82	1.51	1.33	.92	1.77	2.50	1.77	2.49	3.78	4.58	2.36	e1.72
20	1.76	e1.39	1.42	.92	1.56	2.37	1.87	2.27	3.50	3.75	2.20	e1.65
25	1.64	1.68	1.28	1.99	1.39	2.05	1.61	2.08	6.06	3.23	1.97	e1.58
Eom	1.60	1.59	1.19	2.11	1.95	1.76	1.98	2.09	5.00	2.90	1.90	1.53

1961

5	+1.54	+1.68	+1.26	+1.53	+1.22	+1.91	+2.14	+1.10	+1.97	+1.62	+1.66	+1.50
10	1.75	1.68	1.26	1.48	1.09	1.98	1.77	1.18	1.67	1.63	1.87	1.45
15	2.57	1.56	1.27	1.36	1.03	2.64	1.53	1.13	1.52	1.70	1.73	1.31
20	2.25	1.47	1.27	1.22	.93	2.15	1.35	1.32	1.92	1.72	1.63	1.19
25	e2.05	1.38	1.45	1.07	.87	1.81	1.21	1.67	1.80	1.61	1.53	1.15
Eom	e1.78	1.33	1.47	.98	2.16	2.68	1.24	2.40	1.63	1.82	1.50	1.04

1962

5	+0.97	+0.93	+1.15	+2.08	+1.10	+0.97	+2.70	+1.57	+1.56	+2.20	+1.74	+1.73
10	.98	1.16	1.32	1.70	1.14	1.09	3.08	1.55	1.57	1.95	2.98	1.73
15	1.21	1.17	1.35	1.40	1.06	1.57	2.86	1.88	1.63	1.84	2.38	1.63
20	1.17	1.11	1.13	1.17	.94	2.46	2.38	1.77	2.15	1.75	2.05	1.52
25	1.07	.95	1.22	.98	.88	2.63	1.97	1.54	3.22	1.70	1.80	1.51
Eom	.93	.89	1.08	1.15	.85	2.30	1.67	1.64	2.60	1.68	1.71	1.39

1963

5	+1.43	+1.58	+1.55	+1.01	+0.98	+1.55	+1.55	+1.11	+1.56	+3.97	+2.27	+1.52
10	1.54	1.57	1.34	1.01	....	1.60	1.80	1.02	2.12	3.35	2.15	1.35
15	1.78	2.44	1.25	1.01	....	1.89	1.64	1.10	1.92	3.53	2.13	1.22
20	1.79	2.13	1.04	.97	....	1.96	1.52	1.56	4.82	3.13	1.94	1.37
25	1.58	1.84	1.03	.84	....	1.57	1.40	1.71	4.30	2.66	1.78	1.34
Eom	1.44	1.65	1.00	.73	1.61	1.94	1.26	1.52	3.63	2.39	1.68	1.75

e Estimated.

260545N0800820.1. Local number G561. U. S. Geol. Survey. Southeast 4th Ave. and 20th St., Fort Lauderdale. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 50 S., R. 42 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 20 ft, cased to 20. Lsd 8.15 ft above msl. MP top of casing, 1.70 ft above lsd. Highest water level 7.40 above msl, Oct. 5, 1948; lowest 0.05 above msl, July 2, 1952. Records available: 1948-63.

260545N0800820. 1--Continued.

Highest water level for the day, above msl, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.70	+1.59	+1.33	+1.54	+0.80	+2.11	+2.12	+2.24	+2.29	+2.63	+2.34	+2.70
10	2.82	1.69	1.31	1.18	.72	2.12	2.02	2.00	2.09	2.37	2.76	2.40
15	2.18	1.35	1.05	.97	....	....	1.72	1.93	....	2.13	2.57	2.06
20	1.79	1.38	2.42	1.05	....	....	2.44	1.91	....	2.73	4.01	1.71
25	1.67	1.23	2.34	1.01	....	....	e2.75	1.82	....	2.97	3.82	2.64
Eom	1.90	1.18	1.75	.80	1.43	2.55	2.05	1.73	e2.93	2.72	3.12	2.30
1960												
5	+2.00	+1.33	+0.89	+0.74	+2.02	+2.51	+1.37	+1.80	+2.36	+3.74	+3.01	+1.70
10	1.67	1.17	.82	.64	1.72	2.56	1.32	1.68	3.67	3.43	2.49	1.63
15	1.49	1.08	.92	.63	1.43	2.30	2.06	2.68	2.93	4.73	2.22	1.57
20	1.40	.95	1.12	.75	1.20	2.27	1.67	1.96	2.71	3.55	2.06	1.52
25	1.25	1.11	.91	1.82	1.03	1.87	1.36	1.83	5.27	3.18	1.88	1.40
Eom	1.32	1.07	.82	1.78	1.66	1.51	2.15	1.61	4.47	2.83	1.75	1.25
1961												
5	+1.13	+1.26	+0.85	+1.39	+1.00	+2.63	+1.76	+0.74	+1.29	+1.92	+1.53	+1.34
10	1.57	1.16	.81	1.20	.85	2.22	e1.54	.95	1.14	1.72	1.93	1.21
15	2.27	1.03	.90	1.07	.75	2.22	e1.38	.90	.99	1.67	1.68	1.00
20	1.87	.96	.91	.92	....	2.20	e1.21	1.30	1.27	1.65	1.43	.87
25	1.48	.88	1.03	.75	....	1.85	e1.04	1.37	1.29	1.59	1.36	.81
Eom	1.25	.78	1.32	.66	e2.39	2.18	.84	1.54	1.23	1.73	1.31	.72
1962												
5	+0.60	+0.65	+0.94	e2.32	+1.10	+0.92	+2.30	+1.38	+1.73	+2.31	+1.55	+1.50
10	.65	.73	1.22	e1.90	1.04	1.31	2.18	1.30	1.40	1.97	2.05	1.45
15	1.15	.76	1.25	e1.53	.89	2.00	2.99	1.63	2.10	1.95	1.77	1.20
20	.96	.72	.97	e1.12	.89	2.47	2.22	1.53	2.80	1.87	1.53	1.11
25	.71	.54	1.22	.87	.79	2.59	1.75	1.31	3.10	1.67	1.29	1.02
Eom	.59	.52	1.00	.93	.88	1.99	1.53	2.20	3.15	1.61	1.34	.97
1963												
5	+1.13	+1.20	+1.00	+0.61	+2.05	+1.29	+1.20	+0.76	+1.25	+3.55	+2.32	+1.28
10	1.23	1.15	.80	.85	1.54	1.71	1.33	.63	2.43	2.97	1.97	1.08
15	1.40	1.96	.65	.72	1.23	2.25	1.21	.82	1.97	2.33	1.99	.91
20	1.45	1.73	.52	.52	1.04	1.73	1.15	e1.32	4.67	2.83	1.73	1.13
25	1.15	1.40	.64	.38	.93	1.32	1.08	1.47	4.22	1.93	1.55	.98
Eom	.99	1.23	.62	.27	1.17	1.54	.88	1.19	3.46	2.22	1.47	1.92
e Estimated.												
261710N0801350.1. Local number G616. U. S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, T. 48 S., R. 41 E. Drilled observation water-table well in sand of Biscayne aquifer, diam 6 in, depth 25 ft, cased to 19, gravel-packed 14-25. Lsd 12.84 ft above msl. MP top of casing, 4.70 ft above lsd. Highest water level 14.05 above msl, June 20, 1959; lowest 8.63 above msl, June 26, 1956. Records available: 1952-63.												
Highest water level for the day, above msl, from recorder graph, 1952												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	....	....	....	+11.94	+12.54	+12.00	+11.44
10	....	....	....	....	....	....	....	....	12.14	12.49	11.89	11.37
15	....	....	....	....	....	....	....	+11.05	12.15	12.37	11.84	11.20
20	....	....	....	....	....	....	....	11.65	12.23	12.34	11.84	11.17
25	....	....	....	....	....	....	....	12.44	12.07	12.58	11.45	11.00
Eom	....	....	....	....	....	....	....	12.45	12.34	12.28	11.49	11.06
1953												
5	+10.87	+11.99	+11.59	+10.37	+11.31	+10.41	+11.79	+11.95	+12.12	+12.61	+12.10	+12.11
10	11.90	11.89	11.34	10.16	11.56	10.20	11.67	11.99	12.26	12.57	12.03	11.90
15	11.97	12.05	11.27	10.24	11.07	10.27	12.04	11.83	12.23	12.52	12.15	11.83
20	11.80	11.84	11.02	11.76	10.63	10.04	11.72	11.67	12.59	12.54	12.20	11.82
25	11.94	11.82	11.23	11.44	10.25	11.72	12.28	....	12.42	12.14	12.17	12.08
Eom	11.93	11.79	10.59	11.58	10.18	11.84	12.17	12.39	12.40	12.16	11.95	11.60
1954												
5	+11.48	+10.90	+11.15	+10.72	+11.40	....	+11.12	+11.19	....	+11.75	+11.01	+11.30
10	11.39	10.78	11.28	11.65	11.05	....	11.23	11.14	....	11.55	10.85	11.28
15	11.25	10.90	11.01	11.25	11.33	....	11.92	....	....	11.40	12.30	11.25
20	11.14	10.52	11.35	11.05	11.33	....	11.40	....	....	11.25	11.82	11.35
25	11.12	10.32	10.87	11.71	11.13	....	11.60	....	....	11.15	11.51	11.28
Eom	11.02	11.25	10.43	11.37	....	+11.32	11.43	....	+11.60	11.15	11.41	11.23

261710N0801350.1-- Continued.

1955											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+11.20	+11.21	+10.60	+10.18	+9.01	+9.00	+10.15	+10.73	+10.88	+11.05	+10.42 +10.00
10	11.20	10.98	10.25	9.81	9.02	8.82	10.16	10.55	11.42	11.02	10.45 9.90
15	11.15	10.73	10.05	9.49	8.83	10.12	10.00	11.37	10.93	11.57	10.24 10.17
20	11.21	11.04	9.78	9.42	9.72	10.22	10.31	11.00	11.14	11.45	10.10 10.02
25	11.30	10.92	10.73	9.25	9.45	10.18	11.05	11.22	10.92	11.08	10.01 9.92
Eom	11.23	10.85	10.37	9.12	9.22	10.32	11.55	11.48	10.73	10.70	9.99 10.62
1956											
5	+10.38	+10.12	+9.66	+10.10	+8.72	+8.77	+10.12	+9.35	+11.35	+12.44	+11.43 +10.70
10	10.23	10.07	9.55	9.78	9.30	8.82	9.98	9.38	12.15	12.17	10.83 10.89
15	10.49	10.12	9.50	9.62	9.44	8.99	10.06	9.31	11.49	13.09	10.65 10.45
20	10.26	9.98	9.24	9.11	9.07	8.84	9.92	9.73	11.78	12.02	11.49 10.68
25	10.47	9.80	9.60	8.90	8.77	8.67	9.68	10.92	11.88	11.50	10.83 10.24
Eom	10.25	9.71	10.12	8.81	8.84	8.95	9.53	11.23	11.38	11.10	10.87 10.44
1957											
5	+10.02	+11.06	+11.48	+10.42	+12.70	+12.53	+11.50	+11.80	+12.42	+11.34	+10.65 +10.75
10	9.88	10.95	11.20	11.00	11.91	12.10	10.88	12.61	11.74	11.72	10.40 10.50
15	9.78	10.41	11.36	11.23	11.75	11.82	11.53	12.41	11.57	11.46	10.28 10.89
20	9.98	11.22	10.92	12.98	12.21	11.73	12.52	11.91	11.47	11.30	10.09 10.42
25	12.95	11.68	10.68	11.95	11.76	11.48	11.65	13.29	11.17	11.05	10.21 13.78
Eom	11.02	12.04	10.45	12.46	12.07	11.90	11.62	13.28	11.22	10.81	11.25 12.74
1958											
5	+12.67	+11.27	+10.70	+11.30	+11.30	+11.85	+11.95	+10.70	+11.97	+11.58	+10.90 +10.38
10	11.73	11.35	12.33	11.62	10.65	11.19	11.75	10.92	11.83	11.56	10.32 11.72
15	11.35	11.25	11.53	11.87	12.42	11.09	11.39	10.72	11.92	10.93	10.06 11.92
20	11.14	11.02	11.83	10.87	10.99	10.49	10.92	11.22	11.31	10.91	10.70 11.39
25	13.04	10.90	12.42	10.63	12.80	11.41	10.45	11.04	11.27	10.60	11.34 11.38
Eom	11.54	10.86	12.15	10.17	12.05	11.10	10.11	10.86	11.42	11.04	10.80 11.68
1959											
5	+11.65	+12.48	+11.18	+11.38	+9.97	+10.40	+11.48	+11.95	+11.57	+11.71	+11.68 +11.39
10	11.19	11.51	11.69	10.97	9.66	10.18	12.07	11.66	11.68	12.15	11.89 11.23
15	11.04	11.33	11.17	10.52	9.45	10.09	11.80	11.73	11.87	11.96	11.50 11.01
20	11.03	11.99	12.87	10.47	10.00	14.05	12.00	11.71	12.98	13.77	12.41 10.86
25	12.68	11.20	11.95	10.85	10.11	13.16	11.96	11.55	12.20	13.02	12.23 12.48
Eom	11.92	11.05	11.88	10.33	10.05	11.96	11.37	11.00	11.89	12.20	11.72 11.40
1960											
5	+11.20	+11.05	+10.46	+10.02	+11.77	+12.28	+11.47	+12.28	+12.40	+12.92	+11.56 +10.64
10	10.95	10.74	10.14	9.68	11.10	12.19	11.30	12.12	13.73	12.85	11.20 10.47
15	10.72	10.61	10.05	9.58	10.52	11.39	11.43	13.23	13.30	12.87	11.31 10.40
20	10.54	10.42	10.92	11.35	10.12	11.91	11.33	12.25	13.92	12.67	11.21 10.41
25	10.38	10.45	10.22	12.37	9.86	12.10	11.12	12.98	13.97	12.10	10.94 10.27
Eom	10.47	11.20	10.17	11.36	12.27	11.54	12.35	12.58	13.82	11.77	10.90 10.13
1961											
5	+10.04	+11.38	+10.06	+9.35	+8.81	+10.65	+9.98	+9.23	+10.15	+11.05	+10.53 +10.50
10	12.70	11.17	9.90	9.29	9.06	11.05	9.76	9.20	.....	.....	..... 10.25
15	13.68	10.82	9.85	9.21	9.15	10.90	9.68	8.90	.....	.....	..... 10.02
20	12.08	10.62	9.76	9.12	8.98	10.28	9.55	9.30	.....	.....	..... 9.90
25	11.46	10.42	9.55	9.09	8.67	9.96	9.35	10.80	.....	.....	..... 9.86
Eom	11.25	10.24	9.37	8.90	11.53	10.17	9.20	10.50	10.69	10.95	10.34 9.79
1962											
5	+9.75	+9.61	+9.40	+10.16	+10.68	+8.98	+10.76	+11.11	+11.42	.....	.....
10	9.72	9.65	9.33	10.73	10.05	9.75	11.23	10.84	11.00	.....	.....
15	9.78	9.65	9.28	10.03	9.74	9.82	11.80	12.82	.....	.....	.....
20	9.76	9.56	9.20	9.80	9.53	10.10	11.77	11.62	.....	.....	.....
25	9.70	9.49	10.28	9.63	9.37	10.75	11.18	11.34	.....	.....	.....
Eom	9.66	9.45	9.97	9.47	9.10	10.30	11.51	12.15	.....	.....	.....
1963											
5	+10.21	+11.14	+11.33	+10.14	+11.66	+10.23	+11.36	+10.58	+11.68	+13.53	+10.80 +10.31
10	10.15	11.03	11.16	10.26	10.80	11.60	11.06	10.35	12.56	12.48	10.92 10.22
15	10.57	e12.22	10.90	10.01	10.55	11.77	11.95	10.47	12.15	12.61	11.07 10.20
20	10.56	e12.02	10.61	9.84	10.28	11.13	11.43	11.48	12.90	12.79	10.67 10.69
25	10.69	e11.80	10.35	9.65	10.22	11.18	11.51	11.88	13.43	11.65	10.46 10.96
Eom	11.13	11.63	10.17	9.47	10.07	11.72	10.91	10.94	12.69	11.13	10.70 12.56

e Estimated.

260515N0802021.1. Local number G617. U. S. Geol. Survey. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, T. 50 S., R. 40 E. Drilled observation water-table well in sandstone of Biscayne aquifer, diam 6 in, depth 29 ft, cased to 28. Lsd 6.00 ft above msl. MP top of casing, 3.53 ft above lsd. Highest water level 6.89 above msl, June 20, 1959; lowest 2.47 above msl, June 7, 1962. Records available: 1950-63.

260515N0802021.1--Continued.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.78	+4.16	+4.07	+3.86	+3.26	+4.57	+4.90	+5.72	+5.36	+4.58	+4.33	+4.30
10	4.33	4.05	4.07	3.56	3.18	4.68	5.16	4.90	4.77	4.48	5.13	4.23
15	4.17	3.91	3.80	3.40	3.85	6.20	5.71	5.70	4.80	4.28	4.50	4.22
20	4.21	3.89	5.85	3.40	4.52	6.89	6.20	5.13	6.51	6.28	6.26	4.15
25	5.38	3.70	4.65	3.57	4.14	6.19	5.35	4.93	5.99	5.41	5.84	5.25
Eom	4.58	3.61	4.13	3.34	4.72	5.15	4.94	4.89	5.02	4.62	4.73	4.58

1960

5	+4.40	+4.38	+4.45	+3.50	+4.22	+6.25	+4.10	+5.05	+4.97	+6.15	+4.76	+4.37
10	4.23	4.33	4.11	3.41	3.93	5.98	3.85	4.65	6.63	5.60	4.37	4.32
15	4.12	4.25	3.92	3.33	3.61	4.84	4.86	4.93	5.75	5.55	5.29	4.56
20	4.13	4.16	4.35	3.78	3.37	5.01	4.07	4.41	5.80	4.78	4.70	4.31
25	4.32	4.20	3.89	5.38	3.33	5.02	3.65	5.00	6.72	4.58	4.50	4.17
Eom	4.45	4.75	3.65	4.25	4.32	4.63	6.07	4.55	6.21	4.78	4.67	4.14

1961

5	+4.00	+3.87	+3.56	+4.27	+3.45	+4.40	+3.81	+3.54	+4.25	+3.75	+3.85	+3.69
10	4.64	3.77	3.55	3.80	3.40	4.68	4.78	3.41	3.88	3.75	3.97	3.65
15	4.98	3.63	3.70	3.43	3.42	4.23	3.97	3.42	3.58	3.76	3.73	3.56
20	4.33	3.61	3.63	3.18	3.15	3.78	3.75	3.72	3.67	3.60	3.63	3.50
25	4.05	3.58	4.09	3.07	3.45	3.55	3.74	e4.12	3.57	3.45	3.78	3.50
Eom	4.02	3.58	3.61	3.12	5.23	4.03	3.73	4.81	3.54	4.07	3.75	3.41

1962

5	+3.47	+3.33	+3.02	+3.32	+3.76	+2.50	+5.47	+4.27	+5.82	+5.14	+3.90	+4.10
10	3.55	3.28	3.14	3.74	3.58	3.18	4.77	4.38	4.45	4.45	4.23	4.16
15	3.77	3.28	3.05	3.65	3.32	3.85	5.22	4.97	4.17	4.07	4.12	4.25
20	3.75	3.18	2.90	e3.34	3.05	5.46	4.52	4.39	6.03	3.84	3.98	4.17
25	3.67	3.12	3.02	e3.08	2.92	4.70	3.93	3.98	5.59	3.83	3.90	4.01
Eom	3.48	3.03	3.23	e2.83	2.57	5.61	4.48	5.52	5.90	3.95	3.93	4.02

1963

5	+3.94	+4.07	+4.05	+3.45	+4.47	+3.84	+4.38	....	....	....	+4.62	+4.03
10	4.03	3.91	3.83	3.75	3.87	3.70	4.28	....	....	....	4.47	3.92
15	4.10	5.31	3.78	3.49	3.62	4.24	3.89	....	....	....	4.51	3.89
20	4.11	5.04	3.63	3.38	3.41	3.96	3.62	....	....	....	4.27	4.29
25	4.06	4.45	3.53	3.30	3.81	3.63	3.32	....	....	....	4.15	4.07
Eom	3.90	4.25	3.54	3.18	4.54	4.01	....	....	....	+4.18	4.17	6.24

e Estimated.

260655N0801223.1. Local number S329. City of Fort Lauderdale. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 50 S., R. 41 E. Drilled test water-table well in limestone of Biscayne aquifer, diam 4 in, depth 68 ft. Lsd 9.22 ft above msl. MP top of casing, 3.16 ft above lsd. Highest water level 10.76 above msl, Oct. 17, 1947; lowest 0.19 above msl, Apr. 30, 1963. Records available: 1940-63. Affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.42	+3.14	+2.52	+2.87	+0.93	+1.93	+3.73	+3.80	+4.40	+3.97	+3.11	+4.35
10	3.97	3.33	2.50	2.28	.60	2.37	3.83	2.94	3.95	3.53	4.52	3.87
15	3.57	2.91	2.30	1.96	1.26	3.01	3.25	2.69	4.60	3.19	3.98	3.27
20	3.26	2.69	3.61	1.67	1.37	5.60	3.82	3.58	5.22	3.62	5.34	3.08
25	3.27	2.55	3.83	2.25	1.48	5.03	4.18	3.65	5.54	3.93	5.48	3.41
Eom	3.60	2.40	3.04	1.74	1.42	3.98	3.20	3.69	4.70	3.48	4.81	3.23

1960

5	+2.88	+1.83	+1.66	+1.07	+3.21	+4.30	+2.89	+2.89	+2.94	+6.06	+4.82	+2.57
10	2.63	1.76	1.39	.83	2.82	4.59	2.52	3.17	4.60	6.00	4.25	2.26
15	2.38	1.72	1.29	.67	2.20	3.98	4.12	3.29	4.38	7.93	3.85	2.10
20	2.19	1.61	1.68	.87	1.62	3.92	3.55	3.23	4.52	6.23	3.45	1.92
25	2.05	1.55	1.46	2.48	.90	3.65	2.75	3.40	6.58	5.52	3.02	1.90
Eom	1.92	1.76	1.25	2.88	1.98	3.35	2.98	2.74	6.36	4.95	2.87	1.60

1961

5	+1.45	+2.10	+1.19	+1.77	+1.47	+3.53	+2.85	+0.71	+3.02	+2.42	+2.36	+2.11
10	1.56	2.05	1.21	1.74	1.60	3.75	2.56	.80	2.39	2.92	2.88	2.19
15	2.38	1.80	1.22	1.22	1.41	3.70	2.13	.78	1.93	2.93	2.67	1.87
20	2.33	1.58	1.03	1.05	.94	2.88	1.81	2.20	2.44	2.76	2.49	1.74
25	2.13	1.42	1.32	.37	.82	2.40	.87	3.77	1.98	2.35	2.37	1.82
Eom	2.13	1.32	.83	.54	3.35	3.09	1.25	3.74	1.88	2.55	2.23	1.60

260655N0801223.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
5	+1.62	+1.48	+1.10	+1.84	+1.85	+0.98	+3.50	+2.66	+3.01	+3.75	+2.15	+1.93
10	1.48	1.48	1.12	3.32	2.00	1.60	3.85	2.60	2.42	3.14	2.40	2.09
15	2.05	1.32	.93	2.91	1.70	2.59	4.38	3.16	2.92	2.83	2.37	1.83
20	2.16	1.02	.69	2.20	1.18	3.47	3.95	3.10	3.32	2.61	2.10	1.47
25	1.96	.93	1.17	1.74	.75	3.85	3.21	2.80	4.14	2.59	2.04	1.74
Eom	1.82	.79	1.35	2.20	.83	3.13	2.95	3.46	3.48	2.47	2.03	1.87
1963												
5	+1.70	+1.90	+1.80	....	....	+1.62	+2.75	+0.95	+1.64	+4.67	+2.75	+1.95
10	1.85	1.67	1.54	....	....	2.15	2.43	.42	2.36	3.99	2.67	1.80
15	1.98	2.88	1.20	....	....	2.83	2.18	.67	2.38	4.05	2.58	1.60
20	1.95	3.00	.46	....	....	3.11	1.92	1.20	3.42	3.84	2.35	2.11
25	1.95	2.63	.90	....	....	2.56	1.76	2.08	4.28	3.36	2.20	1.94
Eom	1.68	2.34	.65	+0.19	+1.59	3.37	1.24	1.61	4.08	2.92	2.14	1.91

Citrus County

290214N0822843.1. Local number 15. Charles Rush. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, T. 17 S., R. 18 E. Drilled domestic artesian well in Floridan aquifer, diam 3 in, depth 78 ft, cased to above msl. MP top of casing, 2.00 ft above lsd. Highest water level 6.12 below lsd, Sept. 3, Oct. 19, 1959; lowest 20.23 below lsd, Aug. 9, 1962. Records available: 1933, 1935-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1959	12.70	Apr. 26, 1960	7.73	July 10, 1961	13.34	Sept. 19, 1962	19.10
Mar. 2	12.80	June 13	9.08	Aug. 15	13.58	Nov. 7	19.04
Apr. 21	9.72	Aug. 8	8.12	Sept. 25	13.17	Jan. 11, 1963	20.08
June 8	8.62	Sept. 14	7.92	Nov. 13	13.95	Feb. 27	19.82
July 20	7.86	Oct. 31	7.74	Jan. 9, 1962	15.88	Apr. 2 ¹	19.01
Sept. 3	6.12	Dec. 1	8.53	Feb. 12	16.61	June 19	19.87
Oct. 19	6.12	Jan. 5, 1961	10.10	Mar. 27	17.54	Aug. 21	18.08
Dec. 7	7.27	Feb. 20	9.82	May 7	18.38	Oct. 22	18.63
Jan. 11, 1960	8.22	Apr. 6	10.98	June 15	19.18	Nov. 2 ¹	19.03
Mar. 1	8.96	May 17	11.88	Aug. 9	20.23		

Clay County

300649N0814859.1. Local number 5. John Huntley. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32, T. 4 S., R. 25 E. Drilled domestic artesian well in Floridan aquifer, diam 4 in, reported depth 530 ft, cased to 157. Lsd 24.02 ft above msl. MP top flange of 4-in valve, 2.50 ft above lsd. Highest water level 36.9 above lsd, Apr. 26, 1944; lowest 19.0 above lsd, June 27, 1956. Records available: 1940-41, 1944-63.

Jan. 5, 1959	+26.5	Apr. 28, 1960	+26.8	July 12, 1961	+24.3	July 2 ¹ , 1962	+22.4
Feb. 27	26.1	June 15	25.5	Aug. 17	25.1	Aug. 2 ¹	22.9
Apr. 24	27.6	Aug. 12	26.2	Sept. 29	24.1	Oct. 17	23.3
June 3	27.0	Sept. 21	26.9	Nov. 16	24.7	Dec. 13	22.7
July 22	26.3	Nov. 3	27.4	Jan. 2, 1962	24.0	Feb. 2 ¹ , 1963	23.7
Sept. 1	26.0	Dec. 5	26.9	Feb. 14	24.2	Apr. 2 ¹	20.7
Oct. 21	26.9	Jan. 4, 1961	26.4	Mar. 29	23.7	June 19	21.3
Dec. 10	26.5	Feb. 23	27.1	May 9	21.6	Sept. 11	22.5
Jan. 7, 1960	26.7	Apr. 11	25.7	June 20	21.8	Oct. 2 ¹	23.3
Mar. 7	26.1	May 23	24.0				

295848N0813923.1. Local number 7. City of Green Cove Springs. Formerly U. S. Navy. Auxiliary airbase. About 2.5 mi southeast of Green Cove Springs. T. 6 S., R. 23 E. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, reported depth 650 ft, cased to 276. Lsd 12.14 ft above msl. MP top flange of 6-in valve, 1.00 ft above lsd. Highest water level 27.2 above lsd, Oct. 10, 1940; lowest 10.4 above lsd, June 27, 1956. Records available: 1940-42, 1946-47, 1949-62. Measurement discontinued.

Jan. 5, 1959	+17.2	Dec. 14, 1959	+18.1	Nov. 2, 1960	+19.8	Sept. 27, 1961	+16.7
Feb. 26	14.8	Jan. 13, 1960	18.2	Dec. 8	19.3	Nov. 16	16.4
Apr. 23	17.5	Mar. 4	17.3	Jan. 9, 1961	18.8	Jan. 8, 1962	16.5
June 3	15.4	Apr. 25	15.6	Feb. 27	19.0	Feb. 14	18.1
July 24	14.8	June 17	14.0	Apr. 5	16.2	Mar. 2 ¹	17.2
Aug. 31	14.6	Aug. 15	16.0	May 16	16.2	May 9	15.2
Oct. 26	16.7	Sept. 16	18.6	Aug. 14	16.1	June 2 ¹	16.6

Collier County

2610 N08052 .1. Local number C54. U.S. Geol. Survey. SE $\frac{1}{4}$ sec. 3 $\frac{1}{2}$, T. 49 S., R. 34 E. Driven observation water-table well in sandstone of Pleistocene age, diam 6 in, depth 9 ft, cased to 8, gravel-packed 8-9. Lsd 12.86 ft (previously reported 12.93 ft) above msl. MP top of casing, 2.80 ft above lsd. Highest water level 13.81 (previously reported 13.88) above msl, Oct. 9, 1953; lowest 7.81 above msl, June 13, 1962. Records available: 1951-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+12.55	+11.96	+11.54	+12.32	+10.99	+12.83	+13.02	+12.61	+13.08	+12.60	+13.16	+12.84
10	12.21	11.75	11.42	12.03	10.61	12.92	12.99	12.83	13.13	12.67	13.11	12.80
15	12.21	11.59	11.13	12.08	11.52	13.01	12.66	13.02	13.18	12.81	13.04	12.74
20	12.13	11.39	13.09	12.95	12.87	13.33	13.00	12.96	13.15	13.37	13.06	12.67
25	12.56	11.14	12.29	11.81	12.01	13.10	12.68	13.03	13.21	13.42	13.02	12.85
Eom	12.09	11.63	13.07	11.49	12.41	12.74	13.03	13.13	13.05	13.28	12.95	12.57

1960

5	+12.56	+12.39	+12.23	+12.42	+10.87	+12.75	+12.30	+12.28	+13.00	+13.26	+13.17	+12.44
10	12.53	12.00	12.13	11.20	11.17	11.92	11.68	11.83	13.49	13.38	12.95	12.40
15	12.47	11.78	11.96	10.88	10.58	13.05	11.60	12.21	13.50	13.48	13.04	13.05
20	12.30	11.72	12.32	10.77	10.27	13.05	11.72	11.79	13.42	13.39	12.77	12.35
25	12.25	13.12	12.08	12.49	9.97	12.14	11.47	13.03	13.38	13.28	12.96	12.29
Eom	12.91	13.07	12.33	11.32	12.64	12.91	12.98	12.98	13.35	13.12	12.56	12.27

1961

5	+12.12	+12.10	+11.22	.....	+9.58	.....	.....	+12.32	+12.37	+11.61	+10.93	+10.08
10	13.06	12.04	10.93	.....	9.50	.....	.....	12.97	12.45	11.61	10.72	9.96
15	12.34	11.97	10.97	.....	9.70	.....	.....	13.05	13.03	11.63	10.51	9.85
20	12.26	11.80	10.62	+9.34	.....	.....	.....	12.42	12.36	11.36	10.34	9.76
25	12.16	11.55	10.49	9.16	.....	.....	.....	12.38	12.68	11.09	10.51	9.64
Eom	12.19	11.37	10.37	9.08	.....	.....	+12.45	12.48	12.11	11.26	10.28	9.53

1962

5	+9.49	+9.23	+8.84	+9.07	+8.46	+7.95	+12.41	+12.77	+12.38	+13.30	+12.49	+12.89
10	9.75	9.17	8.75	9.02	8.44	7.87	12.97	12.94	12.71	13.66	12.82	12.03
15	9.65	9.12	8.67	9.14	8.38	9.00	12.03	12.87	12.90	12.77	12.32	11.98
20	9.53	9.06	8.57	8.96	8.27	12.23	12.73	12.63	13.04	12.57	12.34	11.95
25	9.43	8.98	8.65	8.76	8.19	12.52	12.40	12.72	13.17	12.46	12.21	11.93
Eom	9.32	8.93	9.06	8.56	8.05	12.20	11.90	12.82	13.16	12.94	12.15	11.72

1963

5	+11.54	+12.62	+12.13	+10.50	+10.18	+11.02	+12.20	+10.12	+11.45	.....	.....	+11.48
10	11.70	11.67	11.90	10.68	10.01	10.80	11.50	9.95	.....	.....	+12.92	11.33
15	11.53	12.39	11.60	10.17	9.70	10.92	11.23	9.67	.....	.....	12.00	11.23
20	11.40	12.80	11.32	9.85	9.38	10.58	10.97	10.70	.....	.....	11.93	11.70
25	11.36	12.71	11.01	9.62	10.60	10.71	10.60	11.00	.....	.....	11.88	11.54
Eom	11.52	12.18	10.71	9.46	11.34	12.20	10.28	10.87	e12.10	e10.50	11.62	12.92

e Estimated.

262521N0811619.1. Local number C131. U.S. Geol. Survey. On Florida Highway 846. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 47 S., R. 30 E. Drilled observation water-table well in limestone of Tami-ami Formation of Miocene age, diam 6 in, depth 54 ft, cased to 22. Lsd 26.60 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 26.72 above msl, Oct. 9, 1953; lowest 20.47 above msl, Mar. 22, 1962. Records available: 1952-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+25.15	+24.69	+24.09	+23.92	+22.67	+24.39	+25.83	+26.54	+26.28	+26.18	+26.37	+25.52
10	24.68	24.16	23.88	23.44	22.53	24.23	26.19	26.58	26.37	26.37	26.20	25.42
15	24.48	23.93	23.62	23.63	22.69	25.29	26.18	26.46	26.60	26.3 ^a	25.99	25.30
20	24.43	23.80	25.15	23.28	25.03	26.22	26.20	26.58	26.55	26.68	26.00	25.17
25	24.97	23.59	24.62	23.27	24.38	25.98	26.43	26.52	26.51	26.70	26.01	25.38
Eom	24.40	24.00	24.13	23.01	25.15	25.88	26.53	26.32	26.33	26.62	25.68	24.93

1960

5	+24.87	+24.40	+24.07	+24.08	+23.60	+23.40	+24.50	.....	.....	.....	.....	+25.04
10	24.67	23.95	23.79	23.46	23.52	22.91	24.95	.....	.....	.....	.....	24.95
15	24.54	24.62	23.73	23.18	23.07	22.55	24.96	+26.14	e26.67	.....	+25.75	25.38
20	24.33	24.18	24.53	23.42	22.80	23.29	24.93	.....	e26.60	.....	25.62	24.86
25	24.16	24.85	23.92	24.49	22.70	24.22	24.96	.....	e26.55	.....	25.46	24.73
Eom	24.38	24.40	23.71	24.01	23.39	24.12	24.90	.....	e26.50	.....	25.32	24.59

e Estimated.

262521N0811619.1--Continued.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.37	+25.15	+23.88	+23.82	+22.55	+23.76	+24.97	+24.53	+24.75	+23.10	+22.14	+21.54
10	25.62	24.98	23.60	23.47	22.45	23.80	25.08	24.33	25.36	22.85	22.09	21.45
15	25.25	24.55	23.82	23.15	22.27	23.94	25.13	24.95	24.40	22.79	21.92	21.26
20	24.90	24.34	24.24	22.95	22.13	23.96	25.63	24.30	24.05	22.56	21.81	20.96
25	24.58	24.21	23.67	22.50	22.10	24.43	25.23	24.84	23.68	22.36	21.73	20.83
Eom	24.78	24.02	23.57	22.50	24.49	24.45	24.69	24.85	23.42	22.23	21.63	20.87

1962

5	+21.29	+21.28	+21.02	+21.68	+21.13	+21.58	+25.40	+24.85	+25.62	+26.27	+23.52	+24.67
10	21.26	21.27	20.80	21.78	20.98	21.56	25.02	25.61	25.67	26.25	23.59	24.61
15	21.20	21.18	20.93	21.59	21.06	22.85	25.63	25.72	25.41	25.91	23.11	24.30
20	21.15	21.17	20.68	21.50	20.90	23.02	25.62	25.81	26.45	25.65	23.06	24.21
25	21.42	21.00	20.90	21.25	21.17	24.07	25.04	25.67	26.47	25.58	24.87	24.26
Eom	21.32	21.03	21.55	21.12	20.98	25.04	24.73	25.97	26.30	25.57	24.76	24.05

1963

5	+23.76	+24.00	+24.15	+22.40	+22.24	.....	+24.82	+23.50	+25.30	+24.90	+23.62	+23.23
10	24.08	23.63	23.91	22.22	21.95	.....	24.10	23.48	25.40	24.46	24.11	23.04
15	23.95	24.20	23.55	22.13	21.83	.....	24.12	24.87	24.78	24.06	23.95	23.01
20	23.60	24.94	23.35	21.80	21.65	.....	23.73	25.42	25.36	23.83	23.75	24.28
25	23.95	24.35	23.13	21.65	.....	.....	23.40	25.55	25.39	23.38	23.81	23.97
Eom	23.68	24.63	22.99	21.52	.....	.....	23.28	24.96	25.17	23.27	23.40	24.80

e Estimated.

Columbia County

301035N0823810.1. Local number 9. Lake City. Sec. 5, T. 4 S., R. 17 E. Drilled un-used artesian well in Floridan aquifer, diam 12 in, reported depth 836 ft. Lsd 143, 64 ft above msl. MP top of casing, at lsd. Highest water level 79.53 (previously reported 79.58) below lsd, June 4, 1948; lowest 97.20 below lsd, Jan. 19, 1957. Records available: 1942, 1948-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	91.50	91.43	91.31	90.12	88.36	87.43	87.10	87.06	87.33	87.69	87.99	88.20
10	91.51	91.61	91.36	89.77	88.27	87.41	87.18	87.07	87.37	87.65	88.09	88.41
15	91.18	91.59	91.15	89.55	88.07	87.31	87.12	87.25	87.22	87.56	88.02	88.43
20	91.51	91.70	90.88	88.93	87.95	87.17	87.11	87.25	87.60	87.72	88.08	88.54
25	91.50	91.57	90.82	88.90	87.83	87.26	87.15	87.30	87.51	87.59	87.89	88.57
Eom	91.62	91.45	90.39	88.47	87.63	87.11	87.06	87.15	87.46	87.92	88.40	88.62

1960

5	88.68	88.77	89.17	88.10	87.56	87.37	87.73	87.80	87.41	87.52	87.33	87.73
10	88.78	88.74	88.92	88.16	87.29	87.60	87.82	87.72	87.26	87.42	87.36	87.67
15	88.57	89.20	88.75	88.04	87.47	87.61	87.82	87.67	87.50	87.36	87.39	87.40
20	88.91	89.30	88.72	87.92	87.47	87.60	87.91	87.60	87.50	87.26	87.41	87.77
25	89.06	88.77	88.62	87.59	87.36	87.70	87.81	87.50	87.47	87.29	87.44	88.05
Eom	88.75	89.13	88.29	87.60	87.43	87.80	87.71	87.49	87.42	87.03	87.50	87.98

1961

5	88.12	88.55	88.64	88.90	89.28	89.30	89.80	90.31	90.39	90.57	90.83	91.30
10	88.25	88.42	88.72	88.79	88.99	89.23	89.80	90.47	90.49	90.61	90.92	91.47
15	88.03	88.55	88.59	88.74	89.12	89.40	89.96	90.45	90.46	90.63	91.03	91.59
20	88.06	88.59	88.72	89.14	89.20	89.35	90.00	90.33	90.43	90.50	91.10	91.51
25	88.39	88.30	88.87	89.08	89.17	89.50	90.12	90.45	90.45	90.80	91.27	91.68
Eom	88.46	88.59	88.53	89.22	89.32	89.68	90.28	90.46	90.54	90.75	91.34	91.74

1962

5	91.75	92.06	92.36	92.91	92.62	92.63	92.87	93.42	93.70	93.72	93.97	93.95
10	91.94	92.07	92.52	92.90	92.57	92.77	92.95	93.36	93.72	93.80	94.01	94.27
15	91.95	92.27	92.55	92.75	92.68	92.65	93.12	93.58	93.72	93.90	94.18	94.26
20	92.05	92.49	92.63	92.82	92.55	92.75	93.29	93.73	93.72	93.88	94.05	94.33
25	92.12	92.56	92.56	92.80	92.60	92.84	93.37	93.65	93.72	94.05	94.28	94.35
Eom	92.17	92.50	92.68	92.67	92.65	92.88	93.34	93.74	93.79	93.67	94.08	94.47

1963

5	94.42	94.05	93.57	93.01	92.93	93.22	93.41	93.80	93.92	94.14	94.05	94.48
10	94.37	94.05	93.60	92.82	93.00	93.21	93.40	93.80	94.02	94.10	94.03	94.60
15	94.47	94.16	93.50	93.02	93.09	93.29	93.60	93.81	94.13	94.20	94.55	94.66
20	94.11	93.93	93.19	92.95	93.10	93.36	93.63	93.91	94.00	94.10	94.52	94.60
25	94.39	93.89	93.35	92.99	93.22	93.39	93.76	93.90	94.12	94.10	94.47	94.66
Eom	94.30	93.89	93.24	92.95	93.16	93.45	93.78	93.91	93.83	94.30	94.41	94.49

e Estimated.

Dade County

254444N0801448.1. Local number F179. City of Miami. Southwest 24th Ter. and 32d Ave. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 54 S., R. 41 E. Drilled unused water-table well in limestone of Biscayne aquifer, diam 6 in, depth 77 ft. Lsd 8.77 ft above msl. MP top of casing, 2.40 ft above lsd. Highest water level 7.21 above msl, Oct. 14, 1947; lowest 0.69 above msl, Mar. 18, 1955. Records available: 1939-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.27	+1.52	+1.58	+1.98	+1.62	+2.38	+2.54	....	+2.27	+2.8 ^a	+2.75	+2.92
10	2.08	1.52	1.50	1.76	1.56	2.32	....	....	2.44	2.7 ^a	2.58	2.60
15	1.81	1.40	1.37	1.63	....	2.42	....	....	2.60	2.47	2.82	2.22
20	1.64	1.54	2.03	1.70	....	....	....	....	3.12	3.7 ^a	5.58	1.92
25	1.55	1.50	2.59	1.88	1.91	4.27	....	+1.96	3.84	3.4 ^c	4.40	2.02
Eom	1.61	1.46	2.32	1.68	2.30	3.12	2.05	e1.95	e3.25	2.91	3.41	2.10

1960

5	+1.95	+1.68	+1.37	+1.30	+2.94	+2.10	+1.72	+2.35	+2.47	+3.4 ^a	+2.79	+2.05
10	1.77	1.62	1.30	1.21	2.76	2.39	1.74	2.14	e7.00	3.0 ^a	2.48	1.98
15	1.71	1.57	1.39	1.31	2.34	2.45	1.82	1.94	4.55	3.07	2.30	1.87
20	1.72	1.46	1.46	1.80	2.08	2.20	1.90	2.10	5.51	2.8 ^a	2.24	1.81
25	1.59	1.47	1.36	4.20	1.85	1.94	1.74	2.08	6.00	2.8 ^a	2.11	1.70
Eom	1.63	1.48	1.43	3.49	1.81	1.84	2.54	2.06	4.23	2.83	2.08	1.59

1961

5	+1.51	+1.72	+1.60	+1.67	+1.38	+2.21	+2.22	+1.46	+1.82	+1.8 ^a	+2.30	+1.91
10	1.62	1.69	1.55	1.62	1.45	3.19	1.86	1.62	1.78	2.0 ^a	2.22	1.76
15	2.40	1.58	1.64	1.57	1.43	2.79	1.60	1.58	1.66	2.23	2.10	1.57
20	2.14	1.63	1.67	1.48	1.34	2.43	1.56	2.02	1.97	2.27	1.92	1.52
25	1.82	1.58	1.83	1.42	1.42	2.22	1.50	1.93	2.00	2.12	1.97	1.56
Eom	1.62	1.45	1.75	1.30	2.34	2.51	1.49	1.85	1.88	2.53	1.96	1.38

1962

5	+1.31	+1.35	+1.69	+1.56	+1.45	+1.87	+2.40	+1.58	+2.33	+3.0 ^a	+2.15	+2.17
10	1.35	1.40	1.98	1.56	1.58	1.67	2.86	1.85	2.18	2.73	3.80	2.07
15	1.43	1.46	1.98	1.33	1.56	2.33	2.53	2.40	2.56	2.5 ^a	2.93	1.77
20	1.38	1.47	1.70	1.30	1.64	2.85	2.16	2.31	2.68	2.4 ^a	2.50	1.60
25	1.49	1.33	1.83	1.31	1.56	3.14	1.99	2.17	3.71	2.3 ^a	2.08	1.63
Eom	1.32	1.32	1.73	1.37	1.52	2.62	1.76	2.49	3.45	2.2 ^a	2.03	1.58

1963

5	+1.75	+1.60	+1.30	+1.47	+1.97	+2.07	+1.59	+1.41	+1.82	....	+2.38	+1.73
10	1.83	1.60	1.19	1.48	1.80	1.92	1.58	1.35	2.34	....	2.17	1.58
15	1.71	1.65	1.17	1.36	1.65	1.77	1.54	1.30	2.22	....	e2.17	1.48
20	1.58	1.59	1.10	1.27	1.60	1.55	1.56	1.70	3.63	....	e2.08	1.48
25	1.48	1.49	1.25	1.11	1.57	1.45	1.52	1.85	4.05	....	e1.97	1.63
Eom	1.46	1.40	1.42	1.00	1.67	1.72	1.48	1.72	....	+2.59	1.95	2.18

e Estimated.

254217N0801718.1. Local number F319. U. S. Geol. Survey. North 1st Ave. and Sunset Dr., South Miami. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 25, T. 54 S., R. 40 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 17 ft, cased to 13. Lsd 11.12 ft above msl. MP top of casing, 2.69 ft above lsd. Highest water level 8.86 above msl, Oct. 11, 1947; lowest 0.47 above msl, May 19, 1945. Records available: 1940-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.50	+2.24	+2.15	+2.37	+2.02	+2.30	+1.85	+2.07	+1.42	+2.25	+2.04	+1.95
10	2.38	2.22	2.08	2.16	2.02	2.25	2.06	1.72	1.37	2.15	1.85	1.73
15	2.22	2.13	2.01	2.09	2.10	2.10	1.97	1.88	1.59	1.85	2.11	1.40
20	2.15	2.13	2.56	2.07	2.26	3.92	1.83	1.84	2.02	2.48	3.42	1.46
25	2.17	2.10	2.37	2.16	2.21	2.62	2.75	1.70	2.80	2.52	e2.91	1.92
Eom	2.28	2.08	2.59	2.05	2.13	1.73	1.89	1.59	2.54	2.26	2.17	2.58

1960

5	+1.92	+1.99	+1.83	+1.92	+2.13	+2.35	+2.05	+2.35	+2.44	+2.6 ^a	+2.10	+1.95
10	1.75	1.90	1.83	1.86	2.34	2.56	2.12	2.39	5.69	2.5 ^a	1.81	2.05
15	1.75	1.94	1.90	1.95	2.16	2.41	2.18	2.20	....	2.5 ^a	1.72	2.26
20	1.80	1.86	1.91	2.18	2.11	2.30	2.28	2.25	....	....	1.72	2.26
25	1.78	1.93	1.83	3.70	2.12	2.03	2.12	2.27	e4.25	....	1.60	2.15
Eom	1.95	1.95	2.00	2.55	2.31	2.12	2.49	2.26	3.13	2.17	1.60	2.05

1961

5	+2.02	+2.24	+2.22	+2.11	+2.05	+2.50	+2.30	+2.20	+2.08	+2.2 ^a	+2.48	+2.30
10	2.17	2.18	2.22	2.09	2.15	2.65	2.09	2.23	1.81	2.42	2.47	2.22
15	2.76	2.12	2.24	2.12	2.11	2.37	2.05	2.32	2.05	2.68	2.40	2.08
20	2.48	2.20	2.24	2.04	1.99	2.22	2.02	2.35	2.32	2.64	2.30	2.03
25	2.17	2.12	2.20	1.99	1.96	2.14	1.95	2.16	e2.24	2.48	2.36	2.00
Eom	2.15	1.96	2.10	1.93	2.83	2.59	2.17	2.16	2.16	2.68	2.30	1.87

e Estimated.

254217N0801718.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.77	+1.69	+1.70	+1.51	+1.40	+1.38	+2.65	+2.15	+2.47	+2.59	+2.53	+2.61
10	1.78	1.70	1.93	1.53	1.45	1.30	2.69	2.38	2.40	2.45	3.40	2.58
15	1.80	1.66	1.88	1.37	1.37	2.23	2.48	2.52	2.50	2.49	2.69	2.38
20	1.77	1.63	1.65	1.32	1.42	2.90	2.34	2.45	2.72	2.50	2.55	2.37
25	1.77	1.52	1.65	1.32	1.32	2.78	2.28	2.36	2.95	2.50	2.39	2.35
Eom	1.70	1.47	1.63	1.37	1.26	2.63	2.12	2.40	2.84	2.55	2.50	2.35

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.40	+2.38	+2.23	+2.04	+2.73	+2.38	+2.45	+1.93	+2.20	+2.88	+2.65	+2.20
10	2.50	2.22	2.13	1.99	2.33	2.21	2.38	1.85	2.42	2.88	2.30	2.21
15	2.41	2.34	2.08	1.89	2.12	2.12	2.16	1.86	2.13	2.88	2.38	2.22
20	2.36	2.40	2.00	1.78	2.11	2.07	2.17	1.97	3.35	2.71	2.22	2.17
25	2.31	2.30	1.96	1.63	2.10	2.16	2.13	2.22	e3.82	2.58	2.32	2.11
Eom	2.24	2.28	2.01	1.46	2.10	2.67	2.05	2.03	2.88	2.55	2.29	2.48

e Estimated.

252829N0802851.1. Local number F358. Town of Homestead. Northwest 6th St. and 2d Ave. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13, T. 57 S., R. 38 E. Drilled unused water-table well in limestone of Biscayne aquifer, diam 6 in, depth 54 ft. Lsd 7.76 ft above msl. MP top of nail driven into recorder shelf, 2.98 ft above lsd. Highest water level 8.19 above msl, Oct. 5, 1948; lowest 0.85 below msl, May 24, 1945. Records available: 1940-59, 1962-63. Recorder removed Apr. 15, 1959; reinstalled Oct. 24, 1961.

Highest water level for the day, above and below msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.62	+2.07	+1.72	+2.48	....	....	....	....	....	....	....	....
10	2.44	2.25	1.64	2.20	....	....	....	....	....	....	....	....
15	2.27	2.04	1.50	....	....	....	....	....	....	....	....	....
20	2.17	2.08	2.96	....	....	....	....	....	....	....	....	....
25	2.15	1.85	3.02	....	....	....	....	....	....	....	....	....
Eom	2.20	1.73	2.65	....	....	....	....	....	....	....	....	....

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	+0.86	+0.41	+1.28	+0.23	+0.22	....	+2.89	+3.84	+4.94	+2.88	+2.26
10	+1.11	.86	.31	1.18	.36	.51	....	3.77	3.71	4.17	3.31	2.16
15	1.22	.79	.18	1.28	+1.3	....	....	3.98	3.58	3.75	3.03	2.00
20	1.20	.67	.20	1.00	-.04	....	....	3.97	....	3.36	2.72	1.89
25	1.24	.52	1.44	.59	.18	....	....	3.71	....	3.10	2.50	1.82
Eom	1.00	.43	1.29	.42	-.48	....	+3.50	4.02	....	2.93	2.33	1.71

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.62	+1.47	+1.47	+0.65	....	+2.21	+3.51	+2.10	+3.47	+4.91	+3.14	+2.23
10	1.68	1.39	1.29	+4.46	....	2.74	3.13	1.95	....	4.66	3.06	2.07
15	1.59	1.41	1.13	....	....	3.10	2.85	1.85	....	4.59	3.05	1.91
20	1.49	1.79	.94	....	....	2.98	2.82	3.33	....	4.13	2.92	2.08
25	1.42	1.70	.76	....	....	2.97	2.57	3.69	....	3.66	2.70	1.98
Eom	1.32	1.61	.70	-.42	+1.27	3.76	2.33	3.57	5.68	3.17	2.41	2.40

254605N0802059.1. Local number G10. U. S. Geol. Survey. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 54 S., R. 40 E. Dug and driven observation water-table well in oolitic limestone of Biscayne aquifer, diam 8 in, depth 6 ft, cased to 6. Lsd 5.64 ft above msl. MP top of casing, 2.70 ft above lsd. Highest water level 8.92 above msl, Oct. 13, 1947; lowest 0.53 above msl, June 20-21, 1945. Records available: 1940-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.02	+3.28	+3.05	+3.10	+2.76	+3.55	+3.37	+4.42	+3.28	+3.80	+2.55	....
10	2.78	3.19	3.08	2.97	2.68	....	3.25	4.46	3.31	3.65	3.38	....
15	2.61	3.12	2.95	2.90	3.60	....	3.91	4.11	3.85	3.46	3.38	....
20	2.66	3.18	4.68	3.06	3.29	5.78	3.67	3.62	4.12	4.37	5.53	....
25	3.20	3.03	3.45	3.12	3.98	4.68	3.76	3.75	5.21	4.38	5.17	....
Eom	3.32	3.00	3.32	2.90	3.56	3.60	3.33	3.84	4.39	3.58	3.88	e3.05

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e2.99	+2.85	+2.38	+2.21	+3.04	+3.02	+2.66	+2.83	+3.11	+4.86	+3.82	+2.96
10	e2.92	2.65	2.33	2.09	2.85	3.10	2.74	2.93	5.90	5.02	3.36	2.87
15	e2.80	2.59	2.34	2.08	2.49	2.83	2.67	2.72	5.32	4.50	3.37	2.95
20	e2.78	2.46	2.41	3.01	2.27	2.98	2.91	3.05	4.58	3.90	3.30	3.02
25	e2.70	2.65	2.26	e4.25	2.18	2.67	2.58	3.04	5.59	3.57	3.13	2.93
Eom	2.68	2.63	2.34	3.86	2.70	2.52	3.23	3.12	4.87	4.06	3.02	2.82

e Estimated.

254605N0802059.1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.75	+3.04	+2.45	+2.66	+2.82	+3.98	+3.13	+2.68	+2.96	+2.97	+3.13	+2.65
10	3.06	2.91	2.35	2.68	3.00	4.53	2.82	2.67	2.59	4.2 ^e	3.06	2.58
15	4.65	2.73	2.45	2.58	2.82	3.08	2.77	2.69	2.83	3.16	2.91	2.50
20	3.69	2.68	2.50	2.55	2.55	2.94	2.72	3.05	3.18	2.97	2.85	2.45
25	3.15	2.53	2.51	2.53	2.70	2.78	2.68	3.25	2.98	2.87	2.81	2.40
Eom	3.03	2.40	2.63	2.63	e3.67	3.96	2.72	3.15	2.84	3.37	2.72	2.34
1962												
5	+2.36	+2.27	+2.11	+1.74	e1.36	+1.38	+3.12	+3.21	+3.49	+3.07	+3.15	+3.13
10	2.37	2.20	2.12	1.74	e1.38	1.50	4.20	3.42	3.45	2.67	3.53	3.15
15	2.41	2.13	2.03	1.71	e1.31	2.47	....	3.31	3.30	2.59	3.10	3.06
20	2.38	2.04	1.88	1.59	e1.25	3.75	....	2.98	4.04	2.72	3.15	3.04
25	2.55	1.94	1.90	1.48	e1.19	3.20	....	2.90	4.05	2.97	3.10	3.05
Eom	2.38	1.87	1.85	1.39	1.14	3.33	2.70	3.05	3.20	3.27	3.08	3.02
1963												
5	+2.98	+3.02	+2.95	+2.69	+2.76	+3.25	+3.50	+2.26	+2.83	+2.97	+3.26	e3.00
10	3.03	2.87	2.86	2.59	2.61	3.69	2.90	2.16	....	3.12	3.22	e2.93
15	3.06	e3.25	2.82	2.45	2.37	4.02	2.72	2.06	....	3.03	3.24	e3.00
20	3.09	e3.43	2.77	2.27	2.14	3.07	2.63	2.64	....	3.24	3.12	3.35
25	3.04	e3.27	2.65	2.10	2.34	2.83	2.45	3.26	....	2.73	3.12	3.20
Eom	2.94	3.05	2.78	1.88	2.64	2.85	2.57	2.84	3.58	2.63	3.11	4.38

e Estimated.

254332N0802008.1. Local number G39. U. S. Geol. Survey. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22, T. 54 S., R. 40 E. Dug observation water-table well in oolitic limestone of Biscayne aquifer, diam 6 in, depth 6 ft, cased to 6. Lsd 8.08 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 8.99 above msl, Sept. 21, 1940; lowest 0.94 above msl, May 25, 1962. Records available: 1940-43, 1945, 1947, 1949-63. Affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.75	+3.52	+3.19	+3.76	+3.13	+3.42	+3.88	+3.75	+3.45	+4.35	+3.62	+3.85
10	3.52	3.51	3.17	3.54	2.95	3.34	3.73	3.67	3.20	4.03	3.57	3.48
15	3.37	3.42	3.12	3.38	2.89	3.20	3.54	3.71	3.43	3.77	3.45	3.15
20	3.19	e3.34	3.82	3.27	3.07	5.71	3.73	3.74	3.61	4.13	4.85	2.87
25	3.22	e3.27	4.23	3.38	3.10	5.42	4.07	3.55	....	4.40	4.72	2.83
Eom	3.50	3.23	3.88	3.25	3.49	4.44	3.75	3.53	4.85	3.97	e4.29	2.93
1960												
5	+2.88	+2.76	+2.74	+2.39	+3.60	+2.84	+2.48	+2.92	+3.16	+4.97	+3.43	+2.33
10	2.77	2.78	2.67	2.31	3.25	3.06	2.46	2.98	6.95	4.45	3.15	2.31
15	2.70	2.77	2.64	2.24	2.90	2.92	2.64	2.83	6.08	4.50	2.87	2.37
20	2.67	2.74	2.57	2.53	2.62	2.84	2.62	2.77	5.28	4.17	2.72	2.49
25	2.60	2.76	2.48	3.90	2.53	2.73	2.53	2.75	7.04	3.66	2.59	2.52
Eom	2.67	2.82	2.44	4.11	2.73	2.56	2.87	2.71	5.77	3.26	2.45	2.51
1961												
5	+2.45	+2.97	+2.22	+2.22	+2.15	+3.41	+3.26	+2.35	+2.71	+2.56	+3.02	+2.62
10	2.48	2.88	2.17	2.23	2.35	3.75	2.97	2.28	2.52	2.58	2.96	2.53
15	4.07	2.70	2.17	2.18	2.43	3.65	2.77	2.25	2.40	2.83	e2.88	2.42
20	3.78	2.55	2.17	2.13	2.31	3.29	2.64	2.35	2.71	2.89	e2.83	2.30
25	3.37	2.42	2.18	2.07	2.21	2.91	2.50	2.50	2.71	2.80	e2.77	2.23
Eom	3.07	2.31	2.19	2.02	3.28	3.30	2.43	2.66	2.58	2.97	2.72	2.14
1962												
5	+2.12	+1.99	+1.50	+1.36	+1.28	....	+3.02	+2.52	+2.92	+3.55	+2.92	+3.12
10	2.11	1.89	....	1.37	1.20	....	3.09	2.68	3.03	3.27	3.27	2.97
15	2.07	1.81	....	1.37	1.06	e1.13	3.24	2.97	3.05	3.00	3.27	2.75
20	2.05	1.72	1.41	1.30	.98	e1.87	3.16	2.96	3.57	2.85	3.24	2.67
25	2.12	1.58	1.35	1.17	.94	e2.63	2.99	2.90	3.66	2.77	3.27	2.62
Eom	2.10	1.50	1.35	1.31	....	2.93	2.55	2.99	3.67	2.80	3.18	2.74
1963												
5	+2.74	+2.81	+2.97	+2.29	+2.14	+2.52	+2.75	+2.01	+2.47	+3.72	+3.03	+2.61
10	2.78	2.77	2.81	2.22	2.33	3.05	2.73	1.92	2.75	3.31	3.00	2.57
15	2.84	2.94	2.68	2.07	2.20	3.02	2.55	1.80	2.74	3.75	3.02	2.58
20	2.87	3.13	2.52	1.92	1.97	2.95	2.37	1.85	3.76	4.20	2.88	2.72
25	2.87	3.11	2.35	1.72	2.03	2.74	2.28	2.31	4.69	3.67	2.77	2.72
Eom	2.79	3.02	2.28	1.50	2.21	2.83	2.16	2.47	4.36	3.25	2.67	3.15

e Estimated.

255724N0802553.1. Local number G72. U.S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 52 S., R. 39 E. Dug observation water-table well in oolitic limestone of Biscayne aquifer, diam 8 in, depth 5 ft, cased to 4. Lsd 5.75 ft above msl. MP top of casing, 4.00 ft above lsd. Highest water level 9.38 above msl, Oct. 11, 1947; lowest 1.14 above msl, June 5, 1945. Records available: 1940-63. Affected by drainage canal cut Oct. 29, 1960.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.12	+6.01	+5.91	+5.97	+5.85	+5.94	+6.52	+6.70	....	+6.80	+6.82	+6.77
10	6.08	5.99	5.90	5.94	5.78	5.93	6.55	6.70	....	6.80	6.82	6.75
15	6.05	5.96	5.87	5.93	5.74	6.06	6.62	....	....	6.77	6.79	6.74
20	6.02	e5.94	6.04	5.93	5.80	6.47	6.69	....	....	6.89	6.97	6.72
25	6.05	e5.90	6.00	5.90	5.77	6.45	6.66	....	....	6.90	6.97	6.74
Eom	6.06	5.89	5.98	5.87	5.85	6.47	6.64	e6.67	+6.78	6.85	6.88	6.71

1960

5	+6.69	+6.48	+6.30	+5.70	+6.01	+5.84	+5.83	+5.97	+5.98	+6.63	+6.09	+5.72
10	6.66	6.47	6.02	5.63	6.01	5.97	5.90	5.92	6.47	6.64	e5.95	5.62
15	6.63	6.45	5.88	5.51	5.84	5.89	6.07	5.80	6.48	6.73	e5.91	5.60
20	6.58	6.17	5.98	5.62	5.65	5.93	6.12	5.95	6.47	6.68	e5.87	5.52
25	6.52	6.21	5.82	6.04	e5.50	6.02	5.97	5.95	6.58	6.63	e5.84	5.18
Eom	6.49	6.32	5.73	6.01	5.35	5.89	6.06	5.97	6.56	6.07	5.82	5.02

1961

5	+4.90	+4.76	+3.67	....	+3.35	+3.53	+3.93	+4.11	+3.18	+3.62	+3.33	+2.93
10	5.02	4.59	4.21	....	3.33	3.67	4.48	3.38	3.58	3.62	3.47	2.88
15	5.49	4.33	4.49	....	3.00	3.52	3.99	3.18	3.69	3.61	3.28	2.73
20	5.52	4.13	4.42	....	2.71	3.41	3.74	3.98	3.63	3.38	3.16	2.67
25	5.17	3.78	4.00	....	3.14	3.25	3.31	3.44	3.58	3.26	3.15	2.63
Eom	4.87	3.70	3.70	+3.40	e3.45	4.26	3.43	3.57	3.50	3.59	3.00	2.55

1962

5	+2.67	+2.51	+2.83	+2.58	+2.53	+1.88	+3.97	+3.03	+3.62	+4.54	+4.90	+4.97
10	2.63	2.75	2.64	2.50	2.48	2.53	4.02	2.98	3.79	4.65	4.95	4.93
15	2.77	2.57	2.45	2.28	2.32	3.50	4.09	4.02	3.89	4.74	4.83	4.83
20	2.74	2.47	2.24	2.10	2.00	3.98	4.20	3.52	4.67	4.71	4.91	4.87
25	2.77	2.31	2.45	1.93	1.78	3.93	3.63	3.18	4.75	4.76	4.91	4.89
Eom	2.66	2.21	2.40	2.00	1.71	4.01	3.24	3.68	4.62	4.83	4.85	4.83

1963

5	+4.88	+4.93	+4.88	+3.93	+3.85	+3.41	+3.97	+3.16	+4.63	+5.17	+5.05	+4.58
10	4.89	4.85	4.76	4.08	3.50	3.85	3.65	2.98	4.62	5.13	4.94	4.63
15	4.97	5.86	4.64	3.74	3.26	4.20	3.65	3.36	4.76	5.06	4.97	4.57
20	5.00	5.77	4.40	3.39	3.04	3.73	3.70	4.40	5.08	4.96	4.99	4.80
25	4.90	....	4.10	3.15	3.46	3.76	3.56	4.24	5.58	4.96	4.88	4.75
Eom	4.90	4.93	4.10	2.97	3.31	4.03	3.36	4.31	5.33	4.88	4.84	5.27

e Estimated.

253653N0801831.1. Local number G476. U.S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 55 S., R. 40 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 24 ft, cased to 19. Lsd 12.15 ft above msl. MP top of casing, 2.70 ft above lsd. Highest water level 8.00 above msl, Sept. 10, 1960; lowest 0.18 above msl, June 29, 1950. Records available: 1947-63. Affected by tides in Biscayne Bay.

Mean water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	+1.08	+1.38	+1.44	+1.25	+1.57	+1.74	+1.82	+1.77	+2.82	+2.28	+2.18
10	+1.36	.97	1.06	1.46	1.11	1.51	1.68	1.66	1.75	2.66	2.27	1.78
15	1.37	.97	.92	1.38	.97	1.68	1.59	1.88	1.82	2.22	2.22	1.42
20	1.00	1.16	1.40	1.37	1.47	3.00	1.65	2.10	2.07	2.33	2.84	1.30
25	1.22	.95	1.75	1.44	1.32	2.80	1.62	2.20	2.75	2.85	2.52	....
Eom	1.15	1.03	1.40	1.10	1.61	2.20	1.73	2.05	2.96	2.49	2.01	1.71

1960

5	+1.52	+1.29	+0.33	+0.48	+1.72	+1.25	+1.28	+1.50	+1.72	+3.10	+2.32	+1.92
10	1.35	1.26	.57	.74	1.52	1.90	1.52	1.31	6.31	2.52	1.86	1.50
15	1.43	.91	.83	.94	1.35	1.99	1.40	1.43	3.19	2.37	1.92	1.47
20	1.24	.55	.84	1.51	1.24	e1.75	1.31	1.82	3.16	2.26	1.70	1.36
25	1.30	.93	.96	2.59	1.03	e1.54	1.38	1.70	4.05	2.28	1.59	1.11
Eom	1.26	.77	.92	2.15	1.35	1.35	1.33	1.51	3.32	2.65	1.57	.96

1961

5	+0.94	+1.29	+1.47	+1.08	+1.01	+1.99	+1.68	+1.15	+1.29	+1.43	+1.43	+1.52
10	1.38	1.15	.98	1.10	1.17	1.83	1.30	1.25	1.20	1.64	1.58	1.40
15	1.68	1.22	1.30	1.15	1.08	2.17	1.10	1.05	1.07	1.58	1.48	1.10
20	1.39	1.31	1.32	1.09	1.00	2.01	1.23	1.10	1.40	1.73	1.48	1.00
25	1.00	1.02	1.15	.81	1.01	1.63	1.28	1.15	1.58	1.77	1.46	1.04
Eom	1.22	.94	1.26	.87	1.98	1.78	1.25	1.22	1.37	1.78	1.60	.85

e Estimated.

253653N0801831.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+0.95	+0.98	+1.25	+1.24	+1.00	+0.89	+1.95	+1.30	+1.70	+2.25	+1.70	+1.97
10	1.03	.93	1.65	.87	1.07	.88	1.83	1.39	1.74	2.27	2.43	1.68
15	1.07	1.10	1.20	.82	1.14	1.02	1.88	1.54	1.97	2.17	2.24	1.43
20	1.03	.87	1.05	.85	1.04	2.12	1.93	1.70	1.82	2.24	1.84	1.30
25	.90	.79	1.35	.88	.85	1.98	1.67	1.52	2.18	1.97	1.59	1.35
Eom	.81	.84	1.13	1.05	1.02	1.92	1.45	1.80	2.24	1.97	1.97	1.47

1963												
5	+1.62	+1.27	+1.02	+1.04	+1.38	+1.40	+1.33	+1.10	+1.45	+2.17	+2.09	+1.28
10	1.51	1.38	.90	.98	1.30	1.57	1.38	.92	1.63	2.18	1.87	1.17
15	1.26	1.07	.85	.84	1.29	1.43	1.35	.84	1.72	2.43	1.79	.98
20	1.24	1.11	.77	.75	1.20	1.35	1.36	1.20	2.07	1.82	1.90	1.34
25	1.10	1.20	1.11	.65	1.24	1.28	1.39	1.27	2.75	2.23	1.69	1.07
Eom	1.13	1.15	1.20	.60	1.23	1.48	1.12	1.38	1.55	2.27	1.47	1.58

253902N0802025.1. Local number G553. City of Miami. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 55 S., R. 40 E. Drilled test water-table well in limestone of Biscayne aquifer, diam 24 to 18 in, depth 91 ft, cased to 79, slotted 36-79. Lsd 12.11 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 11.06 above msl, Oct. 5, 1948; lowest 0.95 above msl, June 1, 1962. Records available: 1947-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.78	+4.18	+3.37	+5.23	+3.59	+4.43	+6.71	+6.16	+6.52	+7.97	+6.71	+6.53
10	4.48	4.12	3.28	4.82	3.33	4.40	7.07	6.30	6.03	7.50	6.50	5.98
15	4.21	3.89	3.17	4.52	3.19	4.54	6.50	6.79	6.00	7.15	6.15	5.53
20	3.97	3.72	4.07	4.16	3.42	7.71	6.06	6.71	6.17	7.45	7.39	5.10
25	3.80	3.58	4.83	e3.96	3.37	7.55	5.90	6.92	7.98	7.59	7.40	4.85
Eom	4.37	3.49	5.18	3.83	4.28	7.04	5.77	6.55	8.50	7.10	6.95	4.59

1960												
5	+4.37	+3.33	+3.12	+2.63	+5.09	+5.18	+4.78	+4.44	+5.35	+8.27	+7.25	+4.73
10	4.14	3.29	3.04	2.55	4.67	5.82	4.56	4.50	10.76	7.92	6.80	4.45
15	3.93	3.21	2.97	2.47	4.26	5.62	5.03	5.16	8.88	7.94	6.30	4.23
20	3.74	3.13	2.91	2.92	3.88	5.83	4.90	5.16	8.54	7.6 ⁸	5.87	4.09
25	3.53	3.08	2.82	5.18	3.58	5.64	4.60	4.95	9.97	7.31	5.41	3.96
Eom	3.42	3.11	2.72	5.48	4.35	5.15	4.49	4.96	8.87	7.38	5.09	3.75

Dom	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1961												
5	+3.62	+4.45	+3.29	+2.61	+2.28	+4.62	+5.26	+3.05	+3.04	+2.64	+2.77	+2.45
10	3.51	4.24	3.17	2.47	2.42	5.07	4.70	2.83	2.86	2.60	2.86	2.40
15	5.43	4.04	3.10	2.37	2.50	5.56	4.28	2.71	2.70	2.68	2.75	2.34
20	5.37	3.83	2.96	2.27	2.40	5.08	3.91	2.65	2.91	2.75	2.64	2.23
25	5.05	3.65	2.87	2.18	2.38	4.49	3.59	2.77	2.86	2.68	2.56	2.21
Eom	4.70	3.53	2.72	2.11	4.83	5.74	3.30	2.98	2.70	2.79	2.48	2.10

1962												
5	+2.06	+1.81	+1.55	+1.45	+1.30	+1.00	+3.67	+3.38	+3.74	+5.06	+3.37	+3.32
10	2.02	1.77	1.57	1.48	1.30	.98	3.70	3.48	3.93	4.78	4.01	3.21
15	2.02	1.73	1.53	1.47	1.22	1.60	4.24	3.60	3.95	4.41	4.07	e3.09
20	1.98	1.69	1.47	1.37	1.17	3.16	4.16	3.50	4.16	4.05	3.87	e3.03
25	1.96	1.64	1.42	1.30	1.08	3.46	3.87	3.45	4.48	3.77	3.65	e2.95
Eom	1.89	1.57	1.45	1.41	.97	3.60	3.49	3.75	4.84	3.46	3.45	2.87

1963												
5	+2.80	+2.65	+2.74	+2.17	+2.33	+2.89	+3.13	+2.30	+2.87	+5.94	+3.98	+3.04
10	2.80	2.63	2.61	2.13	2.42	3.60	3.03	2.15	3.07	5.48	3.79	2.94
15	e2.73	2.66	2.50	2.00	2.40	3.66	2.86	2.08	3.25	6.07	3.65	2.85
20	e2.71	2.82	2.40	1.91	2.23	e3.57	2.71	2.16	5.05	5.55	3.45	2.87
25	2.70	2.86	2.25	1.80	2.08	e3.36	2.62	2.56	7.08	4.66	3.30	3.82
Eom	2.60	2.83	2.18	1.64	2.02	3.27	2.45	2.87	6.73	4.34	3.16	3.20

e Estimated.

254000N0801810.1. Local number G580A. U.S. Geol. Survey. Northwest corner of Ludlum Rd. and Kililian Dr. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 55 S., R. 40 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 22 ft, cased to 4. Lsd 9.20 ft above msl. MP top of casing, 3.22 ft above lsd. Highest water level 9.34 above msl, Sept. 23, 1960; lowest 0.94 above msl, May 29, 1962. Records available: 1960-63. Well replaces G580.

254000N0801810.1--Continued.

Highest water level for the day, above msl, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.41	+4.25	+2.47
10	5.45	3.78	2.48
15	+7.50	4.70	3.31	2.47
20	6.77	4.43	3.05	2.48
25	9.03	4.04	2.78	2.41
Eom	7.60	4.47	2.60	2.30

1961

5	+2.22	+2.75	+2.13	+1.92	+1.75	+4.02	+3.56	+2.06	+2.18	+2.04	+2.41	+2.12
10	2.20	2.70	2.16	1.87	1.94	4.28	3.04	1.96	1.99	2.05	2.39	2.05
15	4.07	2.50	2.13	1.82	2.02	4.48	2.77	1.97	1.87	2.22	2.36	1.90
20	3.62	2.42	2.12	1.72	1.87	3.79	2.53	1.97	2.20	2.37	2.22	1.84
25	3.13	2.32	2.10	1.63	1.83	3.21	2.27	2.14	2.23	2.32	2.18	1.78
Eom	2.84	2.20	1.97	1.52	4.84	3.88	2.18	2.20	2.13	2.50	2.13	1.72

1962

5	+1.65	+1.52	+1.40	+1.45	+1.29	e0.96	.....	.....	+2.61	+3.55	+2.55	+2.62
10	1.65	1.52	1.61	1.43	1.32	.....	.....	.....	2.48	3.23	3.85	2.58
15	1.67	1.52	1.70	1.33	1.20	.....	.....	.....	2.60	2.99	3.52	2.33
20	1.67	1.48	1.45	1.25	1.15	.....	.....	.....	2.72	.....	3.12	2.28
25	1.67	1.39	1.44	1.17	1.04	.....	.....	.....	3.24	.....	e2.84	2.25
Eom	1.58	1.35	1.49	1.30	.95	e3.40	+2.32	+2.51	3.67	2.60	2.61	2.19

1963

5	+2.21	+2.20	+2.14	+1.78	+2.32	+3.38	+2.52	+1.65	+1.96	+3.12	+2.86	+2.23
10	2.30	e2.25	1.98	e1.64	2.28	3.43	2.37	1.54	2.55	2.97	2.74	2.11
15	2.27	e2.36	1.85	e1.53	2.04	3.05	2.13	1.57	2.38	3.05	2.70	2.05
20	2.15	e2.37	1.72	e1.44	1.80	2.65	2.05	1.63	3.92	4.60	2.50	2.15
25	2.10	e2.31	1.65	e1.31	1.75	2.35	1.98	1.95	4.40	3.35	2.41	2.05
Eom	2.07	2.27	1.70	1.15	1.92	2.70	1.82	1.95	4.18	3.04	2.37	2.49

e Estimated.

254207N0802003.1. Local number G595. U.S. Geol. Survey. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 54 S., R. 40 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 14 ft, cased to 11. Lsd 8.80 ft above msl. MP top of casing, 2.69 ft above lsd. Highest water level 9.12 above msl, Oct. 5, 1952; lowest 2.07 below msl, May 29, 1962. Records available: 1949-63. Affected by pumping of nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.80	+3.53	+3.21	+3.77	+3.09	+3.44	+3.64	+4.13	+3.18	+4.01	....	+3.45
10	3.57	3.55	3.19	3.53	2.82	3.30	3.74	3.52	2.95	3.70	....	3.06
15	3.42	3.41	3.13	3.43	3.06	3.18	3.50	3.85	3.31	3.46	....	2.73
20	3.33	3.30	4.10	3.29	3.23	5.76	3.47	3.47	4.14	4.09	....	2.76
25	3.38	3.25	4.01	3.44	3.18	2.92	4.04	3.63	4.38	4.24	....	2.93
Eom	3.63	3.24	3.77	3.26	3.38	3.74	3.55	3.48	4.39	....	+3.97	2.93

1960

5	+2.78	+2.73	+2.83	+1.98	+1.99	+2.21	+1.78	+1.62	+2.32	+2.71	+1.23	+0.68
10	2.71	2.81	2.77	1.87	1.82	2.27	1.34	1.72	7.57	....	.60	.12
15	2.67	2.88	2.65	1.82	1.64	1.66	1.55	1.84	3.98	....	.50	.36
20	2.67	2.78	....	2.18	1.68	1.86	1.50	1.46	3.40	....	.82	.90
25	2.77	2.86	2.36	3.86	1.97	1.49	1.28	1.41	5.95	....	.47	1.31
Eom	2.80	2.96	1.97	2.65	2.17	3.20	2.06	1.43	3.92	1.04	.51	.17

1961

5	+0.72	+1.42	-0.46	....	-1.08	+2.15	+1.64	0.00	+1.97	+1.05	+2.23	+1.22
10	.73	.86	.51	e0.60	1.22	3.08	1.76	+ .31	1.04	....	2.24	1.33
15	2.78	.40	-.38	+ .16	1.16	2.58	.85	.27	.99	....	1.61	.68
20	2.12	+ .33	....	....	-.15	1.33	1.23	1.35	1.89	....	1.94	.81
25	1.39	-.32	....	....	+ .50	1.40	.65	1.45	1.68	....	2.33	1.18
Eom	1.43	.32	....	e-.51	2.11	2.63	.35	1.91	1.11	1.93	1.36	.40

1962

5	+0.53	+0.41	-0.40	+0.08	-0.40	-1.16	+2.02	....	+1.80	+2.90	+2.42	+2.53
10	.18	+ .44	.42	-.18	.40	-.71	2.13	....	1.85	2.07	2.81	.68
15	.76	....	.82	+ .20	.85	+ .10	2.41	....	2.05	2.15	2.68	0.00
20	.45	....	.75	-.65	1.57	1.50	1.91	....	2.66	1.65	3.30	.10
25	.97	....	.47	-1.33	1.88	1.70	.65	....	3.10	1.93	3.43	1.69
Eom	.53	-1.26	-.12	+1.50	1.85	1.53	.37	+1.97	3.27	2.13	2.88	1.37

e Estimated.

254207N0802003.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.47	+2.00	+1.32	+0.17	+2.09	+1.75	+1.07	+0.15	+0.88	+2.97	+2.23	+0.32
10	1.97	2.02	1.40	.08	+ .35	2.65	.99	-.36	1.90	2.59	2.39	.61
15	1.70	2.17	.25	+ .12	-.42	1.92	1.00	-.16	1.92	3.25	2.00	.33
20	1.90	2.44	.14	-1.02	-.49	.83	+ .60	+ .99	3.94	3.47	1.08	1.81
25	1.85	2.07	.23	1.20	+ .91	.19	-.05	1.52	4.25	2.45	.77	1.72
Eom	1.27	2.06	1.02	-1.42	1.22	1.44	-.40	.84	3.13	1.97	.58	2.18

2539 N08030.1. Local number G596. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 55 S., R. 38 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 13 ft, cased to 11. Lsd 7.70 ft above msl. MP top of casing, 2.62 ft above lsd. Highest water level 8.72 above msl, Nov. 2, 1960; lowest 2.02 above msl, Jun? 2, 1962. Records available: 1949-63.

Highest water level for the day, above msl, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.56	+6.15	....	+6.08	+5.07	+6.26	+7.31	+7.63	+7.83	+8.03	+8.10	....
10	....	6.09	....	5.77	4.78	6.41	7.46	7.56	....	8.05	+8.11	+8.11
15	....	5.94	....	5.56	5.80	6.22	7.61	7.72	....	8.02	....	8.07
20	....	5.84	....	5.48	5.82	7.79	7.67	7.73	....	8.23	+8.20	8.00
25	....	5.76	....	5.80	....	7.54	7.62	7.81	....	8.32	....	7.98
Eom	6.37	5.56	+7.05	5.38	6.60	7.20	7.48	7.77	8.08	+8.18	8.26	7.95

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+7.90	+7.56	+7.13	+6.42	+6.34	+6.83	+6.85	+7.05	+7.53	+8.33	+8.69	+8.23
10	7.83	7.45	6.97	6.07	6.15	6.94	....	....	8.27	8.47	8.58	8.16
15	7.77	7.35	6.82	+5.86	5.88	....	....	....	8.13	8.52	8.52	8.10
20	7.68	7.26	6.81	+5.71	5.62	....	....	....	8.04	8.45	8.47	8.03
25	7.58	7.22	6.58	+6.18	5.39	....	....	....	8.46	8.43	8.38	7.96
Eom	7.49	7.19	+6.62	6.57	6.79	6.84	7.37	7.41	8.38	8.61	8.31	7.90

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+7.82	+7.66	+6.88	+5.79	+5.02	+5.96	+6.88	+5.97	+6.13	+5.63	+5.19	+4.40
10	7.82	7.52	6.62	6.09	4.87	6.93	7.64	5.93	5.87	5.67	5.10	4.25
15	8.03	7.37	6.52	+5.73	4.68	6.19	6.83	5.65	5.63	5.49	4.90	4.10
20	7.88	7.23	6.38	+5.38	4.43	6.00	7.66	5.92	6.25	5.32	4.75	3.92
25	7.76	7.06	6.17	+5.02	4.31	5.75	6.63	6.02	5.89	5.21	4.66	3.78
Eom	7.63	6.96	5.93	4.75	6.16	7.37	6.02	6.24	5.76	5.43	4.52	3.60

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.54	+3.14	+2.61	+2.73	+2.20	+2.80	+6.19	+6.19	+6.75	+7.03	+5.80	+5.19
10	3.45	3.03	2.73	2.59	2.38	3.44	6.60	6.60	7.30	+6.47	5.93	5.13
15	3.56	2.95	2.57	2.54	2.25	....	6.70	+6.40	6.88	+6.15	5.71	+5.04
20	3.42	2.81	2.41	2.39	2.11	....	6.82	6.88	+6.77	+5.93	5.63	+4.95
25	3.40	2.66	2.28	2.24	2.53	....	6.35	6.51	7.43	+5.90	5.46	+4.87
Eom	3.27	2.56	2.83	2.17	2.11	6.22	6.28	6.65	7.38	5.85	5.25	4.87

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.79	+4.54	+4.54	+3.33	+2.50	+3.67	+5.44	+4.09	+6.75	+6.59	+5.64	+4.88
10	4.79	4.50	4.36	3.18	2.57	4.42	5.18	3.83	7.22	6.50	5.56	4.74
15	4.73	4.52	4.30	3.00	2.46	4.57	4.83	3.93	6.02	6.35	5.58	4.59
20	4.66	4.87	4.07	2.77	2.28	4.53	4.60	5.52	6.89	6.03	5.39	5.79
25	4.61	4.72	3.90	2.55	2.40	5.17	4.60	5.56	7.73	5.82	5.22	5.72
Eom	4.47	4.66	3.42	2.35	2.68	5.65	4.38	5.45	6.96	5.58	5.04	5.77

e Estimated.

252425N0803200.1. Local number G613. U. S. Geol. Survey. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 58 S., R. 38 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 21 ft, cased to 18. Lsd 5.00 ft above msl. MP top of casing, 4.06 ft above lsd. Highest water level 6.11 above msl, Sept. 23, 1960; lowest 1.02 below msl, June 1, 1962. Records available: 1950-63.

Highest water level for the day, above and below msl, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.26	+1.67	+1.41	+1.97	+0.80	+3.04	+3.50	+3.35	+3.58	+3.73	+4.00	+3.45
10	2.10	2.22	1.34	1.57	.62	3.29	3.87	3.12	3.30	3.79	4.19	3.17
15	1.92	1.82	1.13	1.35	.87	3.06	3.47	3.07	3.74	3.70	3.68	2.98
20	1.85	1.81	2.57	1.12	2.96	4.83	3.87	3.17	4.63	4.45	4.57	2.86
25	1.84	1.65	2.37	1.22	2.67	4.00	3.68	3.31	4.32	4.78	4.26	3.17
Eom	1.78	1.47	2.26	.95	3.65	3.97	3.44	3.26	3.93	4.02	3.75	2.92

252425N0803200.1--Continued.

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	+2.71	+2.19	+1.90	+1.05	+2.27	+3.76	e3.18	+3.48	+4.13	....	+4.33	+2.88
10	2.58	2.18	1.72	.82	1.95	4.18	e3.07	3.42	5.91	....	3.90	2.76
15	2.43	2.07	1.56	.58	1.60	3.53	e2.91	3.67	4.57	....	3.58	2.66
20	2.34	1.96	1.64	2.02	1.27	3.56	e2.93	e3.42	4.34	....	3.37	2.54
25	2.25	1.94	1.37	3.22	1.92	3.17	e3.00	e3.38	5.02	....	3.15	2.46
Eom	2.15	2.14	1.18	2.72	4.02	3.02	4.25	4.18	4.42	+4.85	3.05	2.35

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	+2.27	+2.83	+1.85	+1.02	+1.12	+2.67	+2.71	+2.18	+2.83	+2.18	+2.02	+1.23
10	2.35	2.65	1.77	.84	1.28	2.68	e2.50	1.70	2.48	2.72	2.05	1.12
15	3.95	2.46	1.85	.63	1.23	3.36	e2.37	1.89	2.30	2.43	1.81	1.01
20	3.21	2.28	1.63	.40	.86	2.68	e2.24	2.25	2.57	2.17	1.64	.91
25	2.85	2.11	1.42	.20	.94	2.34	e2.11	2.63	2.26	1.94	1.53	.96
Eom	2.63	2.00	1.22	.03	3.24	3.30	1.95	3.64	2.23	2.12	1.37	.78

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	+0.92	+0.54	+0.22	+1.29	0.00	-0.15	+3.89	+2.36	+3.29	+3.60	+2.50	+1.95
10	.86	.62	+1.16	1.04	-.15	-.10	3.50	3.46	3.01	3.27	3.05	1.87
15	1.06	.44	-.01	e.75	.40	+3.50	3.82	3.29	2.99	3.03	2.65	1.75
20	.90	.29	-.16	e.50	.58	....	3.37	3.17	3.57	2.70	2.40	1.67
25	.91	.13	+2.21	+2.25	.74	e3.36	2.95	2.90	3.40	2.58	2.20	1.65
Eom	.70	.01	1.07	0.00	.98	3.75	2.68	4.35	3.76	2.57	2.06	1.46

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	+1.33	+1.27	+1.21	+0.11	+1.00	+2.46	+2.33	+1.50	+2.82	+3.92	+3.16	+1.93
10	1.52	1.14	.97	-.11	e.90	2.36	2.18	1.36	3.10	4.30	2.86	1.77
15	1.38	1.25	.76	.32	e.59	2.88	2.09	1.66	3.16	3.62	2.79	1.63
20	1.29	1.80	.52	.53	e.26	2.42	2.14	2.61	5.53	3.25	2.52	1.86
25	1.20	1.54	.27	.75	e.70	2.37	1.87	2.87	5.55	2.92	2.32	1.77
Eom	1.05	1.42	.15	-.95	1.98	2.59	1.60	2.73	4.31	2.66	2.10	2.38

e Estimated.

253258N0802643.1. Local number G614. U. S. Geol. Survey. Southeast corner of Newton Rd. and Silver Palm Dr. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 56 S., R. 39 E. Drilled observator water-table well in limestone of Biscayne aquifer, diam 6 in, depth 20 ft, cased to 18. Lsd 11.10 ft above msl. MP top of casing, 3.05 ft above lsd. Highest water level 10.76 above msl, Sept. 23, 1960; lowest 0.35 above msl, June 2, 1962. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.90	+3.22	+2.76	+4.01	+2.77	+5.02	+6.28	+5.67	+5.93	+6.97	+7.00	+6.22
10	3.73	3.22	2.66	3.75	2.55	5.11	6.94	5.59	6.06	6.65	7.04	5.68
15	3.53	3.16	2.54	3.46	2.38	5.26	6.32	6.50	6.37	6.34	6.49	5.28
20	3.37	3.05	4.13	3.18	3.21	8.00	6.78	6.15	6.64	....	7.67	4.95
25	3.23	2.96	4.46	3.06	3.62	7.54	6.86	5.92	7.66	....	e7.42	4.75
Eom	3.23	2.88	4.13	2.92	5.28	6.80	6.18	5.59	7.14	7.28	6.85	4.68

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e4.51	+3.60	+3.63	+2.80	+4.37	+6.29	+5.25	+5.32	+6.63	+7.52	+7.08	+4.82
10	e4.34	3.61	3.45	2.67	4.01	7.36	5.12	5.46	e0.20	7.18	6.49	4.62
15	e4.17	3.55	3.32	2.52	3.64	6.80	4.99	5.33	8.72	7.53	5.96	4.45
20	e4.00	3.49	3.16	2.56	3.30	6.89	5.04	5.51	7.84	6.83	5.60	4.30
25	e3.83	3.40	3.04	4.10	3.17	6.36	4.75	5.39	9.25	6.46	5.27	4.15
Eom	3.66	3.53	2.88	4.65	5.00	5.62	5.31	5.98	8.17	6.50	5.03	3.99

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.90	+4.31	+3.46	+2.69	+2.16	+4.25	+5.50	+3.64	+4.26	+3.19	+3.10	+2.33
10	3.79	4.28	3.30	2.54	2.34	4.29	5.01	3.35	3.95	3.55	2.99	2.20
15	5.03	4.14	3.18	2.37	2.38	4.86	4.81	3.11	3.61	3.72	2.88	2.09
20	5.06	3.94	3.10	2.20	2.25	4.55	4.44	3.45	3.61	3.55	2.72	1.96
25	4.75	3.74	2.95	2.05	2.02	4.16	4.33	4.10	3.56	3.38	2.58	1.85
Eom	4.47	3.62	2.80	1.85	3.87	5.68	3.92	4.34	3.35	3.22	2.45	1.76

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.66	+1.44	+0.98	+1.55	+0.81	+0.51	+4.37	+4.24	+4.78	+6.13	+3.73	+3.22
10	1.62	1.36	.95	1.55	.87	.72	4.59	4.43	5.22	5.47	3.94	3.10
15	1.62	1.38	.89	1.48	.79	1.34	6.55	....	4.98	e4.96	4.00	2.95
20	1.62	1.29	.80	1.36	.66	4.23	5.89	....	4.83	e4.64	3.74	2.85
25	1.62	1.18	.72	1.18	.54	4.58	5.08	....	....	e4.21	3.52	2.74
Eom	1.56	1.11	1.26	.98	.37	4.34	4.34	4.69	5.92	3.79	3.35	2.62

e Estimated.

253258N0802643.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.51	+2.12	+2.35	+1.51	+1.16	+1.73	+4.45	+2.93	+4.24	....	....	+3.08
10	2.47	2.11	2.18	1.41	1.50	2.75	4.17	2.71	4.53	....	....	2.91
15	2.42	2.09	2.03	1.27	1.50	3.72	3.81	2.57	4.87	....	....	2.74
20	2.34	2.33	1.88	1.09	1.36	3.89	3.47	3.22	4.87	....	....	2.69
25	2.26	2.40	1.74	.91	1.32	3.55	3.37	4.07	8.56	....	+3.46	2.66
Eom	2.14	2.41	1.57	.76	1.47	4.69	3.16	4.37	....	....	3.25	2.79

e Estimated.

255647N0801701.1. Local number G615. U. S. Geol. Survey. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, T. 52 S., R. 41 E. Drilled observation water-table well in sand of Biscayne aquifer, diam 6 in, depth 24 ft, cased to 22, gravel-packed 17-24. Lsd 6.50 ft above msl. MP top of casing, 3.51 ft above lsd. Highest water level 6.65 above msl, Nov. 24, 1950; lowest 0.87 above msl, May 16, 1955. Records available: 1950-61. Measurement discontinued July 4, 1961.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.36	+2.70	+2.49	+2.85	+1.98	+2.92	+2.97	+2.67	+2.15	+2.58	+2.40	+2.77
10	2.37	2.57	2.51	2.66	1.81	2.95	3.10	2.45	....	2.34	2.41	2.83
15	....	2.51	2.44	2.48	2.11	2.65	2.88	2.27	....	2.27	2.38	2.79
20	....	....	3.60	2.33	2.75	5.18	2.95	2.51	....	....	4.22	2.76
25	....	....	e3.70	2.30	2.54	3.71	3.10	2.40	3.60	....	e3.75	3.38
Eom	2.68	2.36	3.07	2.16	2.60	3.01	e2.49	2.28	2.95	2.64	2.93	2.67

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.48	+2.40	+2.43	+2.03	+2.79	+2.55	+2.12	+2.61	+2.97	....	+2.99	+2.26
10	2.35	2.43	2.37	1.95	2.48	3.48	2.33	2.68	5.29	+4.38	2.43	2.26
15	2.39	2.37	2.23	1.85	2.34	2.66	2.41	2.79	3.82	3.80	2.06	2.12
20	2.40	2.32	2.29	1.80	2.20	2.48	e2.72	2.32	4.82	....	1.96	2.27
25	2.37	2.63	2.14	4.67	2.07	2.27	2.19	2.40	5.07	....	1.94	2.18
Eom	2.41	2.61	2.10	3.29	2.56	2.16	2.76	2.47	4.30	2.64	2.17	2.12

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.13	+2.35	+2.20	+2.34	+2.06	+2.46	....	....	....	....	....	....
10	2.29	2.36	2.15	2.39	1.97	2.40	....	....	....	....	....	....
15	3.55	2.29	2.17	2.30	1.98	2.49	....	....	....	....	....	....
20	2.86	2.31	2.21	2.09	1.80	2.21	....	....	....	....	....	....
25	2.42	2.30	2.54	1.94	1.68	1.98	....	....	....	....	....	....
Eom	2.47	2.25	2.23	1.90	2.78	2.24	....	....	....	....	....	....

e Estimated.

2545 N08036 .1. Local number G618. U. S. Geol. Survey. On U. S. Highway 41. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 54 S., R. 37 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 20 ft, cased to 11. Lsd 7.40 ft above msl. MP top of casing, 2.75 ft above lsd. Highest water level 9.52 above msl, Nov. 2, 1960; lowest 2.56 above msl, May 2, 1962. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+7.20	+6.95	+6.67	+6.66	+6.31	+6.55	e7.65	+8.25	....	+8.72	+8.89	+8.83
10	7.14	6.90	6.65	6.57	6.16	6.49	7.64	8.26	....	8.73	8.85	8.76
15	7.07	6.83	6.58	6.45	6.10	6.48	7.93	8.32	....	8.72	8.72	8.70
20	7.01	6.76	6.71	6.43	6.33	7.30	8.23	....	....	8.77	8.98	8.63
25	6.98	6.68	6.71	6.51	6.26	7.45	....	....	....	8.95	9.07	8.57
Eom	6.97	6.66	6.73	6.41	6.57	7.58	8.25	8.48	+8.75	8.95	9.01	8.46

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.43	+8.16	+7.82	+7.30	+7.13	+7.04	+7.23	+7.27	+7.49	+8.95	+9.47	e8.89
10	8.35	e8.13	7.71	7.17	7.06	7.05	7.28	7.32	8.27	9.10	e9.38	e8.85
15	8.27	e8.07	7.60	7.06	6.94	6.95	7.30	7.28	8.31	9.37	e9.30	e8.79
20	8.21	e8.00	7.58	7.05	6.81	7.10	7.24	7.30	8.37	9.32	e9.21	e8.75
25	e8.12	e7.95	7.48	7.22	6.70	7.16	7.17	7.35	8.79	9.31	e9.10	e8.57
Eom	8.21	e7.89	7.38	7.25	6.81	7.18	7.32	7.47	8.91	9.37	8.97	8.40

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.31	+8.02	+7.43	+6.84	+6.37	+6.43	+6.55	+6.49	+6.73	+6.58	+6.43	e5.69
10	8.22	7.92	7.31	6.75	6.40	6.60	6.52	6.41	6.64	6.55	6.37	e5.52
15	8.34	7.82	7.25	6.65	6.23	6.56	6.48	6.60	6.74	6.55	e6.25	e5.36
20	8.24	7.71	7.14	6.54	5.99	6.47	6.46	6.74	6.77	6.52	e6.12	e5.19
25	e8.14	7.58	7.06	6.40	6.00	6.48	6.44	6.76	6.67	e6.51	e5.99	e5.03
Eom	8.06	7.51	6.90	6.28	6.44	6.62	6.55	6.85	6.61	6.50	e5.82	e4.84

e Estimated.

2545_N08036__1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.59	+3.96	+4.12	+3.53	+3.80	+4.66	+6.05	+6.00	+6.32	+6.68	+6.70	+6.70
10	4.45	3.78	3.94	e3.35	3.75	4.66	6.12	6.02	6.30	6.63	6.75	6.70
15	4.60	3.60	3.65	e3.18	3.69	5.68	6.16	6.39	6.50	6.60	6.72	6.68
20	4.34	3.45	3.35	e3.00	3.39	5.89	6.20	6.40	6.68	6.62	6.71	6.68
25	4.47	3.27	3.47	e2.84	3.23	6.06	6.04	6.34	6.73	6.67	6.70	6.66
Eom	4.16	3.16	3.86	e2.67	2.84	6.05	5.93	6.32	6.70	6.75	6.70	6.64

1963												
5	+6.62	+6.54	+6.48	+5.91	+5.01	+5.58	+5.70	+5.54	....	+6.80	+6.64	+6.56
10	6.62	6.52	6.43	5.72	4.59	5.53	5.47	5.24	....	6.75	6.63	6.54
15	6.60	6.60	6.35	5.41	4.20	5.43	5.53	5.05	....	e6.73	6.63	6.53
20	6.60	6.60	6.28	5.10	3.85	5.22	5.70	6.04	....	e6.70	6.60	6.52
25	6.59	6.57	6.15	4.80	4.94	5.38	5.38	6.36	....	e6.67	6.60	6.51
Eom	6.56	6.55	6.05	4.40	4.65	5.88	5.58	e6.33	+6.84	6.63	6.60	6.58

e Estimated.

2545_N08046__1. Local number G619. U.S. Geol. Survey. On U.S. Highway 41. NW $\frac{1}{4}$ sec. 19, T. 54 S., R. 36 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 12 ft, cased to 6. Lsd 7.20 ft above msl. MP top of casing, 4.72 ft above lsd. Highest water level 8.98 above msl, Nov. 1, 1960; lowest 4.07 above msl, June 3, 1956. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+7.83	+7.75	+7.55	+7.49	+6.27	+7.65	+8.02	+8.11	+8.24	+8.30	+8.42	+8.45
10	7.81	7.70	7.50	7.34	5.96	7.77	8.16	8.08	8.38	8.34	8.39	8.42
15	7.78	7.64	7.42	6.91	6.05	7.71	8.13	8.15	8.32	8.30	8.37	8.38
20	7.76	7.60	7.72	6.67	7.63	8.12	8.21	8.15	8.31	8.40	8.54	8.34
25	7.82	7.52	7.65	7.04	7.48	8.08	8.12	8.16	8.36	8.49	8.57	8.30
Eom	7.80	7.45	7.60	6.65	7.72	8.04	8.07	8.25	8.36	8.47	8.48	8.27

1960												
5	+8.24	+8.01	+7.92	+7.66	+7.70	+7.55	+7.82	+7.83	+8.09	+8.66	+8.93	+8.57
10	8.21	8.01	7.87	7.59	7.62	7.55	7.74	7.78	8.97	8.68	8.85	8.52
15	8.18	7.98	7.82	7.46	7.48	7.74	7.77	7.80	8.54	8.81	8.80	8.47
20	8.13	7.95	7.85	7.52	7.30	7.88	7.67	7.94	8.58	8.89	8.75	8.42
25	8.08	7.93	7.78	7.75	7.08	7.85	7.73	....	8.65	8.88	8.69	e8.35
Eom	8.01	7.95	7.72	7.75	7.31	7.78	7.89	8.06	8.65	8.87	8.64	e8.27

1961												
5	e+8.21	+8.10	+7.83	+7.43	+6.65	+7.33	+7.60	+7.63	+7.72	+7.65	+7.55	+7.17
10	e8.19	8.08	7.77	7.22	7.16	7.28	7.48	7.58	7.66	7.62	7.51	7.03
15	e8.23	8.04	7.79	6.91	6.96	7.17	7.37	7.73	7.63	7.72	7.47	6.89
20	e8.20	7.99	7.71	6.60	6.56	6.96	7.28	7.75	7.62	7.64	7.41	6.74
25	e8.15	7.94	7.67	6.28	6.18	7.07	7.45	7.75	7.62	7.58	7.39	6.62
Eom	e8.11	7.92	7.55	6.18	7.50	7.52	7.51	7.78	7.72	7.57	7.30	6.45

1962												
5	+6.51	+6.03	+5.99	+6.22	+7.26	+6.93	+7.47	+7.27	+7.62	+8.09	+7.68	+7.45
10	6.43	5.89	5.86	6.23	7.23	7.10	7.48	7.51	7.73	8.10	7.66	7.42
15	6.43	5.66	5.60	5.84	7.33	7.63	7.50	7.60	7.80	8.14	8.20	7.33
20	6.31	5.43	5.36	5.47	7.07	7.65	7.50	7.56	7.85	7.78	7.71	7.28
25	6.40	5.23	5.21	5.10	6.87	7.60	7.40	7.48	7.95	7.68	7.54	7.28
Eom	6.22	5.12	6.54	4.77	6.83	7.47	7.36	7.61	8.00	8.21	7.45	7.18

1963												
5	+7.09	....	+6.78	+5.95	+6.70	+6.93	+6.92	+7.49	+7.24	+7.56	+7.36	+7.04
10	7.14	....	6.62	5.90	6.29	6.87	6.64	7.31	7.19	7.46	7.47	6.96
15	7.11	....	6.45	5.68	5.83	7.23	7.16	6.96	7.12	7.42	7.39	6.90
20	7.10	....	6.29	5.54	5.36	6.98	7.24	7.55	7.54	7.36	7.33	7.07
25	7.04	....	6.11	5.38	6.31	7.00	6.99	7.51	7.78	7.29	7.26	7.04
Eom	....	....	6.05	5.25	6.83	7.15	7.02	7.31	7.53	7.16	7.13	7.50

e Estimated.

2540_N08046__1. Local number G620. U.S. Geol. Survey. Sec. 30, T. 55 S., R. 36 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in. depth 16 ft, cased to 6. Lsd 6.13 ft above msl. MP top of casing, 4.10 ft above lsd. Highest water level 7.77 above msl, Nov. 1, 1960; lowest 2.60 above msl, Apr. 30, 1963. Records available: 1950-63.

2540 N08046 . 1--Continued.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.03	+5.94	+5.72	+5.64	+4.58	e5.84	+6.20	+6.53	e6.72	+6.90	+7.01	+7.06
10	5.98	5.92	5.70	5.52	4.23	5.76	6.28	6.54	e6.72	6.90	6.99	7.02
15	5.93	5.84	5.65	5.27	4.45	5.70	6.29	6.55	e6.78	6.90	6.95	6.98
20	5.91	5.80	5.77	5.10	5.74	6.60	6.34	6.55	e6.78	6.94	6.95	6.96
25	5.88	5.75	5.76	5.24	5.67	6.62	6.36	6.73	e6.80	7.07	7.14	6.94
Eom	5.92	5.69	5.70	4.87	5.93	6.32	6.50	6.71	6.91	7.07	7.12	6.92

1960

5	+6.86	+6.57	+6.38	+6.07	+6.00	+5.92	+6.17	+6.29	+6.60	+7.32	+7.63	+7.19
10	6.80	6.53	6.31	5.98	5.94	5.98	6.28	6.22	7.21	7.30	7.50	7.15
15	6.78	6.51	6.27	5.89	5.84	6.03	6.27	6.24	7.12	7.34	7.43	7.08
20	6.68	6.47	6.23	5.97	5.74	6.17	6.21	6.52	7.23	7.41	7.40	7.03
25	6.62	6.43	6.15	6.01	5.73	6.25	6.10	6.59	7.40	7.48	7.34	6.98
Eom	6.57	6.40	6.15	6.01	5.81	6.13	6.31	6.65	7.33	7.53	7.28	6.95

1961

5	+6.89	+6.73	+6.30	+5.87	+5.46	+5.77	+5.78	+5.87	+5.99	+5.98	+5.86	+5.57
10	6.87	6.68	6.22	5.80	5.63	5.78	5.94	5.82	5.93	5.95	5.81	5.50
15	6.89	6.60	6.22	5.69	5.55	5.73	5.96	5.81	5.90	5.92	5.77	5.40
20	6.82	6.53	6.11	5.54	5.23	5.60	5.88	5.84	5.89	5.85	5.72	5.26
25	6.77	6.44	6.03	5.28	5.17	5.75	5.90	5.96	5.84	5.78	5.68	5.13
Eom	6.74	6.39	5.93	5.01	5.90	5.85	5.96	6.02	6.02	5.80	5.63	4.93

1962

5	+5.03	+4.65	+4.92	+4.02	+4.72	+5.57	+5.88	+5.87	+5.83	+6.13	+5.96	+5.68
10	4.92	4.60	4.77	4.04	4.51	5.70	5.88	5.92	5.73	...	5.97	5.65
15	4.90	4.45	4.51	3.69	5.48	6.07	5.88	5.87	5.75	...	e5.89	e6.67
20	5.08	4.29	4.25	3.40	5.42	6.09	5.81	5.80	6.16	...	e5.83	e5.62
25	4.99	4.12	4.22	3.12	5.21	6.11	5.73	5.71	...	...	e5.77	e5.58
Eom	4.83	3.98	4.33	2.90	4.80	5.92	5.72	5.96	6.11	5.97	5.70	5.50

1963

5	e5.42	+5.13	+5.40	+3.90	+4.30	+6.10	+5.74	+5.91	+5.78	+6.27	+5.53	+5.01
10	e5.35	4.94	5.20	3.87	3.99	5.90	5.60	5.78	5.69	5.97	5.51	4.85
15	e5.26	5.55	4.95	3.52	3.62	5.87	5.75	...	5.63	5.77	5.48	4.69
20	e5.17	5.60	4.68	3.20	3.21	5.72	5.67	...	5.92	5.67	5.40	4.97
25	e5.08	5.52	4.37	2.89	3.90	5.71	5.57	...	6.43	5.59	5.30	4.81
Eom	4.97	5.50	4.10	2.60	5.81	5.83	5.65	5.81	6.21	5.47	5.20	5.70

e Estimated.

255526N0801430.1. Local number S18. Model Dairy. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15 T. 52 S., R. 41 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 8 in, depth 52 ft. Lsd 9.12 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.54 above msl, Oct. 12, 1947; lowest 0.05 above msl, June 3, 1945. Records available: 1939-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.09	+2.22	+2.10	+2.32	+1.66	+2.78	+2.27	+2.18	+1.54	+1.97	+1.77	+2.09
10	2.08	2.15	2.12	2.18	1.54	2.40	2.26	2.17	1.41	1.80	1.81	2.00
15	2.16	2.10	2.03	2.05	2.11	2.27	2.21	1.98	2.16	1.67	2.05	1.96
20	2.17	2.11	2.96	1.94	2.34	4.07	2.55	1.86	3.15	2.45	3.41	1.90
25	...	2.06	2.84	1.93	2.23	2.91	2.46	1.86	2.84	2.47	3.10	2.27
Eom	2.24	2.02	2.46	1.79	2.21	2.30	1.96	1.85	2.32	1.89	2.23	2.04

1960

5	+1.85	+1.66	+1.92	+1.61	+2.13	+2.05	+1.90	+1.97	+2.38	e2.48	+2.31	+1.80
10	1.67	1.83	1.88	1.52	1.94	2.56	1.85	2.13	e4.58	e2.20	1.71	1.81
15	1.68	1.90	1.81	1.44	1.89	2.04	1.91	2.35	3.16	e2.58	1.45	1.80
20	1.66	1.88	1.79	1.44	1.80	1.92	1.97	2.03	e4.63	e2.21	1.50	1.82
25	1.57	2.02	1.70	3.53	1.71	1.80	1.73	2.00	e4.07	e1.87	1.47	1.77
Eom	1.67	1.89	1.65	2.52	2.17	1.76	2.09	2.12	2.93	2.20	1.69	1.73

1961

5	+1.75	+1.96	+1.69	+1.89	+1.54	+1.98	+2.01	+1.63	+1.94	+2.02	+2.04	+1.85
10	1.84	1.95	...	1.92	1.55	2.07	1.86	1.59	1.88	2.02	2.10	1.82
15	2.58	1.85	...	1.83	1.53	2.12	1.86	1.55	2.20	2.19	2.07	1.75
20	2.15	1.83	...	1.68	1.40	1.96	1.80	1.74	2.23	2.15	2.02	1.70
25	1.81	1.77	2.14	1.54	1.34	1.73	1.71	2.33	2.09	1.98	1.99	1.66
Eom	1.93	1.72	1.88	1.46	2.17	2.24	1.75	2.22	2.03	2.05	1.92	1.59

e Estimated.

255526N0801430.1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.60	+1.65	+1.61	+1.67	+1.26	+1.02	+2.19	+2.03	+1.84	+1.97	+2.26	+2.10
10	1.62	1.88	1.71	1.67	1.40	1.27	2.16	1.97	1.77	1.90	2.73	2.12
15	1.73	1.89	1.70	1.60	1.34	1.80	2.68	2.52	1.92	2.04	2.06	2.14
20	1.75	1.77	1.59	1.44	1.18	e2.44	2.26	1.92	2.24	2.04	2.25	2.03
25	1.77	1.64	1.56	1.31	1.06	e2.42	2.16	1.76	2.44	1.96	2.22	1.98
Eom	1.74	1.56	1.54	1.21	.94	2.41	1.95	1.85	1.87	2.45	2.11	2.08

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.12	+1.90	+2.00	+1.93	+2.86	+2.21	+2.12	+1.67	+2.05	+2.24	....	....
10	2.14	2.10	1.96	1.99	2.23	2.21	2.03	1.55	2.25	2.33	....	....
15	2.07	2.02	2.00	1.89	2.12	2.23	1.97	1.64	2.07	2.35	....	....
20	2.13	2.46	1.97	1.76	1.97	2.16	1.97	2.32	3.17	2.48	....	....
25	2.10	2.14	1.86	1.62	2.02	2.10	1.93	2.23	2.97	2.25	+2.11	....
Eom	1.92	2.06	1.90	1.48	1.95	2.65	1.78	2.09	2.40	2.02	....	+2.48

e Estimated.

254832N0801750.1. Local number S19. City of Miami. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, T. 53 S., R. 40 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 95 ft, cased to 91. Lsd 7.24 ft above msl. MP top of casing, 1.08 ft above lsd. Highest water level 7.63 above msl, Oct. 1 (previously reported Oct. 11), 1947; lowest 1.41 below msl, June 18-21, 1945. Records available: 1939-63. Affected by pumping in nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+0.87	+0.87	+0.89	+0.70	+0.47	....	+1.72	+1.46	+2.08	+2.47	+2.01	+2.11
10	1.06	.97	.77	.56	.40	....	1.68	1.19	1.87	2.31	1.50	1.77
15	1.15	.85	.75	.68	.80	....	1.25	1.47	2.85	1.78	1.70	1.30
20	1.28	.83	1.79	.77	1.20	....	1.24	1.22	3.26	2.70	....	.96
25	1.23	.72	1.25	.55	.92	....	1.45	1.20	3.34	2.72	3.48	1.30
Eom	1.14	.90	.80	.49	1.76	+2.14	1.43	1.46	3.29	2.17	2.65	1.60

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.37	+0.77	+0.59	+0.15	+1.94	+1.14	+0.55	+1.07	+1.38	+2.87	+2.40	+0.90
10	1.17	.76	....	-.05	1.78	1.61	.63	1.24	5.74	3.05	1.86	.78
15	.97	.74	....	-.06	1.16	1.34	.56	1.11	3.72	3.86	1.52	.88
20	1.01	.61	....	+1.18	.79	1.22	.66	1.31	3.08	3.05	1.38	.75
25	.67	.74	....	2.98	.57	.89	.47	1.25	4.40	2.65	1.28	.57
Eom	.65	.79	....	2.49	1.03	.70	1.22	.93	3.37	2.30	1.12	.19

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+0.21	+0.58	+0.22	+0.60	+0.50	+1.30	+1.13	+0.25	+0.79	+0.47	+0.86	+0.34
10	.57	.55	.27	.77	.40	1.91	.53	.29	.61	1.16	.99	.28
15	2.48	.52	.77	.54	.38	1.48	.30	.33	.78	1.15	.77	.09
20	1.68	.43	.75	.31	.18	.98	.34	.55	1.29	1.06	.67	.22
25	1.02	.30	.91	.10	.42	.73	.31	1.32	.87	.73	.68	+1.11
Eom	.82	.32	.72	.12	1.63	1.45	.39	1.13	.59	1.00	.46	.00

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-0.06	-0.20	-0.20	-0.16	-1.01	-0.84	+1.08	+0.45	+1.00	....	+0.57	+0.82
10	-.23	.06	+1.10	.25	.86	-.66	.97	.85	....	....	1.52	1.35
15	+0.05	.15	-.07	.27	.74	+0.05	1.42	1.24	....	....	1.30	1.12
20	-.22	.26	.30	.64	.94	1.88	1.31	1.17	....	....	.98	1.06
25	+0.08	.43	.21	.80	1.15	2.38	.97	.92	....	....	.75	.82
Eom	-.04	.50	.25	.93	1.30	1.51	.64	.88	e1.39	+0.40	.68	.70

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+0.69	+0.50	+0.43	+0.12	+0.60	+0.10	+0.55	-0.36	+0.88	+1.21	+0.62	+0.66
10	.75	.61	.23	+1.10	.59	.87	.38	.50	1.75	1.07	.70	.52
15	.78	.94	.10	-.08	.53	1.07	.17	.53	1.00	.75	.87	.55
20	.77	.89	+0.01	.27	+1.17	.87	+0.08	-.17	2.65	1.75	.70	.75
25	.75	.87	-.04	.45	-.10	.77	-.07	+0.75	2.92	1.02	.72	.72
Eom	.47	.90	+0.09	-.62	.00	.82	.27	.63	2.09	.79	.71	1.23

e Estimated.

254857N0801711.1. Local number S68. City of Miami. In center of Parkway, 75 ft north-east of Deer Run, Miami Springs. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 53 S., R. 41 E. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in, depth 61 ft, cased to 51. Lsd 6.45 ft above msl. MP top of casing, 3.15 ft above lsd. Highest water level 7.06 above msl, Oct. 12, 1947; lowest 2.97 below msl, May 31, 1962. Records available: 1940-63. Affected by pumping of nearby wells.

254857N0801711.1--Continued.

Lowest water level for the day, above and below msl, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-0.12	-0.35	-0.59	-0.73	-1.35	+0.45	+0.82	+0.47	+0.79	+1.47	+0.37	+1.35
10	.44	.28	.55	.67	1.32	.66	+1.15	.15	.95	1.20	.47	+.77
15	.84	.35	.25	.69	-.86	.92	-.05	+.24	2.08	.80	.69	-.08
20	.42	.47	-.25	.92	+.62	3.78	-.27	-.09	1.97	1.40	3.49	+.02
25	.70	.67	+.21	1.18	.03	2.65	+.44	+.27	2.62	1.56	2.76	.16
Eom	.00	.58	-.66	1.27	.52	1.28	.23	.44	2.79	1.02	2.15	.31
1960												
5	+0.17	-0.98	-0.77	-1.64	+0.96	+0.15	-1.06	+0.14	+0.15	+2.38	+1.43	-0.73
10	-.08	.30	1.39	1.73	.30	.92	.50	.25	2.35	2.35	.95	.99
15	.40	1.17	1.32	1.70	+.07	.55	1.00	.23	3.03	3.22	.60	1.00
20	.48	.87	1.25	-1.10	-.81	.24	.41	+.21	2.50	2.42	.43	1.02
25	1.18	1.10	1.49	+1.68	.56	+.07	1.05	-.05	3.73	2.00	.18	1.16
Eom	1.36	.88	1.52	1.57	-.10	-.67	-.32	-.10	2.97	1.11	+.05	1.50
1961												
5	-1.57	-1.02	-1.62	-1.21	-1.32	-0.57	-0.55	-1.52	-0.91	-1.29	-0.90	-1.36
10	-1.44	1.21	1.55	1.04	1.29	.26	1.15	1.43	1.08	1.00	.80	1.39
15	+.90	1.17	1.15	1.23	1.40	.16	1.32	1.34	1.38	.63	.75	1.33
20	-1.10	1.50	1.10	1.53	1.65	.59	1.39	-.70	.53	.90	1.02	1.67
25	.74	1.54	.97	1.77	1.28	-.90	1.55	+.05	.92	1.04	1.08	1.65
Eom	1.35	1.62	1.15	1.77	.07	+.14	1.35	-.43	-1.15	-.37	1.35	1.67
1962												
5	-1.82	....	-1.74	-1.97	-2.74	-2.38	-0.43	-1.20	-0.65	-0.69	-1.30	-0.79
10	1.69	....	1.17	2.15	2.50	1.86	.60	.91	.89	.96	.38	.42
15	1.82	....	1.66	2.11	2.38	-1.10	.16	.34	.80	1.30	.48	.47
20	2.06	....	2.03	2.44	2.57	+.05	.42	.33	-.78	1.37	.82	.49
25	1.77	....	1.91	2.56	2.84	+.80	.75	.75	+.55	1.45	1.09	.98
Eom	1.68	-2.29	1.97	2.55	2.97	-.04	1.08	.82	-.27	1.54	1.08	1.13
1963												
5	-1.24	-0.83	-1.40	-1.79	-1.18	-1.72	-1.00	-2.18	-1.00	-0.54	-1.14	-1.25
10	.87	1.24	1.52	1.75	1.09	1.03	1.36	2.29	.73	.70	1.18	1.32
15	1.00	.96	1.72	1.95	1.23	.35	1.57	2.29	.82	1.01	.98	1.25
20	1.15	.85	1.81	2.12	1.55	.97	1.65	2.15	.74	.06	1.12	.82
25	1.31	1.02	1.90	2.30	1.70	1.01	1.85	1.00	-.72	.65	1.03	.99
Eom	1.42	1.14	1.79	2.49	1.84	.23	2.05	1.13	+.39	.92	1.04	1.13
253549N0802141.1. Local number S182. International Fruit Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 56 S., R. 40 E. Drilled unused water-table well in limestone of Biscayne aquifer, diam 6 in depth 51 ft. Lsd 11.14 ft above msl. MP top of casing, 3.14 ft above lsd. Highest water level 10.70 above msl, Sept. 10, 1960; lowest 0.44 below msl, June 20-22, 1945. Records available: 1940-63.												
Highest water level for the day, above msl, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.98	+3.36	+2.85	+4.84	+3.03	+4.35	+5.22	+5.19	+5.47	+6.32	+5.68	+5.23
10	3.79	3.32	2.78	4.28	2.77	4.40	5.36	5.15	5.30	5.53	5.78	4.92
15	3.58	3.17	2.67	3.86	2.94	4.35	5.42	6.38	5.50	5.60	5.41	4.65
20	3.40	3.10	4.36	3.51	3.24	7.14	5.25	5.90	5.97	7.29	6.27	4.40
25	3.28	3.05	4.35	3.46	3.23	6.22	5.21	5.98	6.96	6.67	6.04	4.25
Eom	3.41	2.93	4.96	3.23	4.52	5.56	5.14	5.47	6.55	6.65	5.66	4.10
1960												
5	+3.93	+3.16	+2.91	+2.38	+4.00	+4.55	+4.27	+4.22	+5.82	+6.62	+6.05	+4.10
10	3.75	3.14	2.83	2.28	3.91	5.29	4.22	4.17	10.70	6.35	5.57	3.95
15	3.61	3.05	2.74	2.19	3.63	4.57	4.33	4.41	8.38	6.26	5.19	3.75
20	3.49	2.97	2.67	3.62	3.35	4.49	4.52	4.63	7.29	5.66	4.92	3.52
25	3.34	2.92	2.60	4.95	3.13	4.21	4.27	4.59	8.70	5.67	4.60	3.33
Eom	3.23	2.92	2.48	4.45	4.72	4.41	4.25	4.75	7.55	6.15	4.38	3.10
1961												
5	+2.94	+3.68	+2.70	+2.02	+2.07	+2.87	+3.25	+1.85	+2.15	+1.90	+1.98	+2.00
10	2.91	3.54	2.58	1.92	2.17	2.86	2.75	1.79	1.98	2.05	2.08	1.91
15	4.76	3.32	2.47	1.83	2.12	3.58	2.39	1.75	1.79	2.13	2.08	1.82
20	4.45	3.13	2.40	1.71	1.93	3.00	2.35	1.84	2.05	2.16	2.04	1.70
25	4.07	2.96	2.29	1.58	1.78	2.60	2.13	2.39	2.06	2.12	2.02	1.65
Eom	3.83	2.84	2.14	1.43	3.22	3.56	2.03	2.50	1.95	2.25	1.97	1.54

253549N0802141. 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	+1.52	+1.34	+1.14	+1.48	+1.03	+0.93	+2.59	+2.40	+2.88	+3.57	+2.63	+2.58
10	1.50	1.51	1.19	1.43	1.23	.88	2.85	2.66	3.08	3.16	3.09	2.55
15	1.62	1.52	1.16	1.34	1.01	1.77	3.20	2.75	3.09	3.09	3.05	2.50
20	1.58	1.37	1.03	1.20	.89	2.45	3.04	2.65	3.02	2.95	2.83	2.43
25	1.55	1.22	1.00	1.05	.78	2.46	2.80	2.58	3.26	2.75	2.68	e2.39
Eom	1.42	1.18	1.47	.96	.64	2.52	2.55	2.88	3.63	2.65	2.60	2.40
1963												
5	+2.44	+1.99	+1.75	+1.78	+1.98	+2.12	+2.48	+1.97	+2.47	+3.32	+2.53	+2.45
10	e2.24	1.90	1.75	1.75	1.96	2.68	2.35	1.90	2.50	3.25	2.27	2.35
15	e2.15	1.80	1.71	1.65	1.81	2.83	2.40	1.87	2.59	3.22	2.42	2.32
20	e2.05	1.95	1.70	1.50	1.68	2.78	2.23	2.13	3.49	2.98	2.57	2.04
25	e1.95	1.88	1.71	1.38	1.67	2.54	2.21	2.35	4.83	2.72	2.62	1.97
Eom	....	1.83	1.77	1.20	1.65	2.55	2.09	2.47	4.12	2.75	2.56	2.31

e Estimated.

253029N0802956.1. Local number S196A. University of Florida Experiment Station. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 56 S., R. 38 E. Drilled unused water-table well in limestone of Biscayne aquifer, diam 8 in, depth 20 ft. Lsd 10.61 ft above msl. MP top of nail driven into recorder shelf, 2.80 ft above lsd. Highest water level 9.58 above msl, Oct. 5, 1933; lowest 1.23 below msl, June 20, 1945. Records available: 1932-63.

Highest water level for the day, above and below msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	+3.13	+2.51	+1.95	+3.04	+1.85	+4.45	+5.29	+4.96	+4.97	+5.76	+6.90	+5.18
10	2.95	2.71	1.83	2.72	1.58	4.63	5.80	4.86	5.28	5.62	6.20	4.75
15	2.76	2.50	1.73	2.43	1.49	4.50	5.20	5.13	5.18	5.73	5.56	4.46
20	2.60	2.30	3.40	2.17	2.61	7.73	6.38	5.18	4.40	6.80	6.85	4.22
25	2.48	2.20	3.60	2.26	3.20	6.54	5.77	5.02	6.49	7.43	6.22	4.19
Eom	2.65	2.08	3.23	2.08	4.84	5.93	5.27	4.71	5.93	6.12	5.62	4.10

1960

5	+3.90	+3.09	+2.98	+2.11	+3.68	+5.90	+5.20	+4.93	+5.80	+6.23	+6.17	+4.25
10	3.72	3.16	2.81	1.96	3.25	6.60	4.60	5.08	8.92	5.82	5.59	4.07
15	3.54	3.06	2.63	1.78	2.84	5.80	4.45	4.87	7.30	5.83	5.17	3.90
20	3.37	2.98	2.52	2.15	2.48	6.55	4.30	4.84	6.47	5.47	4.96	3.78
25	3.22	2.90	2.41	4.37	2.37	5.60	3.93	4.66	7.97	5.28	4.74	3.63
Eom	3.14	3.02	2.22	4.22	e3.75	4.80	5.63	5.44	6.83	5.95	4.49	3.53

1961

5	+3.41	+3.87	+2.01	+2.18	+1.88	+4.35	+4.81	+3.12	+3.98	+2.83	+2.65	+1.77
10	3.37	3.83	2.75	1.97	1.96	4.24	4.45	2.83	3.53	3.60	2.55	1.60
15	4.58	3.62	2.64	1.77	1.95	4.87	4.18	2.58	3.21	3.50	2.39	1.47
20	4.42	3.39	2.57	1.53	1.68	4.22	3.92	3.07	3.52	3.18	2.18	1.33
25	4.13	3.13	2.37	1.34	1.32	3.76	3.83	3.80	3.28	2.95	2.08	1.23
Eom	3.85	3.07	2.37	1.13	3.92	5.25	3.43	4.11	2.98	2.80	1.93	1.12

1962

5	+1.05	+0.91	+0.37	+1.18	+0.22	-0.02	+4.60	+3.83	+4.47	+5.78	+3.39	+2.63
10	1.02	.86	.38	1.11	.38	+.35	4.48	4.44	4.56	4.98	3.71	2.48
15	1.09	.83	.34	1.08	.19	1.95	5.90	4.62	4.30	4.43	3.57	2.32
20	1.11	.72	.23	.94	+.05	5.07	5.31	4.72	4.39	3.95	3.25	2.18
25	1.16	.59	.13	.69	-.14	4.73	4.61	4.51	4.97	3.62	2.99	2.09
Eom	1.00	.50	.97	.45	.30	4.40	4.12	4.72	5.95	3.41	2.75	1.97

1963

5	+1.85	+1.43	+1.68	+0.73	+0.82	+1.98	+4.14	+2.47	+4.00	+5.73	....	+2.58
10	1.83	1.45	1.47	.58	1.10	3.05	3.82	2.27	4.93	5.52	....	2.37
15	1.78	1.45	1.30	.38	1.00	3.44	3.40	2.10	5.15	5.13	....	2.20
20	1.67	1.88	1.18	+.18	.76	3.48	3.16	3.32	7.02	4.74	....	2.20
25	1.57	1.90	.96	.00	.91	3.35	3.05	4.02	8.07	4.25	....	2.17
Eom	1.44	1.83	.79	-.21	1.15	4.42	2.79	4.02	6.15	3.77	+2.79	2.87

e Estimated.

Dixie County

293731N0830618.1. Local number 15. Cross City. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 10 S., R. 12 E. Drilled unused artesian well in Floridan aquifer, diam 8 in, reported depth 215 ft, cased to 105. Lsd 40.18 ft above msl. MP top of coupling, 0.80 ft above lsd. Highest water level 0.84 below lsd, Sept. 19, 1959; lowest 9.27 below lsd, June 7, 1962. Records available: 1957-63. Recorder removed Apr. 19, 1963. Apr. 19, 1963, 7.19; June 14, 9.10; Sept. 4, 6.71; Oct. 25, 7.98.

293731N0830618.1--Continued.

Highest water level for the day, from recorder graph, 1957

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	....	....	....	3.00	....	....	....
10	....	....	....	....	....	....	....	....	....	....	....	....
15	....	....	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	4.70	....	....	....	....	....	....
25	....	....	....	....	....	4.83	....	....	....	3.85	....	....
Eom	....	....	....	....	....	5.01	....	....	....	....	....	....
1958												
5	....	4.74	3.91	....	4.38	4.99	4.85	4.86	5.20	5.70	4.99	5.40
10	....	4.54	3.23	....	4.61	5.14	4.04	4.55	5.17	5.80	4.34	5.53
15	4.70	4.60	3.20	....	4.70	5.33	4.18	4.52	5.38	6.14	4.74	5.21
20	4.80	4.74	e3.27	4.04	4.85	5.48	4.21	4.44	5.60	5.77	5.00	5.40
25	4.46	4.80	....	3.78	4.64	4.87	4.55	4.78	5.70	5.81	5.21	5.55
Eom	4.54	3.90	....	4.14	4.80	4.90	4.83	5.03	5.88	5.81	5.38	5.60
1959												
5	4.34	5.12	e4.27	3.46	e4.29	3.36	e4.48	....	....	....	....	....
10	4.60	4.70	4.36	e3.90	e4.53	3.47	4.40	....	1.79	....	....	4.27
15	4.87	4.80	3.08	3.77	4.68	e3.81	2.20	....	.92	....	....	4.29
20	4.83	5.01	2.18	3.85	2.79	3.95	1.95	....	1.17	....	....	4.38
25	5.00	5.24	2.23	3.64	2.77	e4.25	2.87	....	....	....	....	4.45
Eom	5.11	4.68	3.25	e4.02	3.35	e4.51	....	....	....	....	....	4.58
1960												
5	4.17	4.18	3.63	....	4.15	5.25	4.54	3.93	....	e3.27	4.36	5.16
10	4.32	4.25	3.97	3.50	4.30	5.21	4.44	4.02	3.90	e3.34	4.51	5.29
15	4.51	4.26	e3.55	3.80	4.49	5.33	4.43	4.11	3.89	3.39	4.63	5.31
20	4.64	4.45	....	4.02	4.68	4.52	4.35	4.38	4.07	3.74	4.77	5.41
25	4.73	....	2.95	4.08	4.91	4.60	4.00	....	4.30	3.87	4.90	5.45
Eom	4.24	e3.65	e3.46	3.90	5.15	4.67	4.10	....	e3.27	4.14	5.02	5.41
1961												
5	....	4.62	4.60	5.49	5.55	6.55	....	5.78	4.69	....	....	7.25
10	....	4.22	4.80	5.58	5.72	6.61	6.45	5.83	4.81	....	....	7.35
15	4.85	4.54	4.95	5.06	5.89	....	6.26	5.91	5.00	....	....	7.38
20	4.88	4.74	5.07	4.85	6.09	....	6.00	5.85	5.20	....	7.04	7.40
25	5.07	4.22	5.22	5.15	6.25	....	5.89	5.66	5.43	....	7.09	7.44
Eom	4.84	4.32	5.38	5.38	6.39	e6.7	5.73	4.69	5.64	....	7.16	7.48
1962												
5	7.50	7.62	8.03	7.73	8.38	9.21	8.49	7.75	8.42	7.56	8.72	8.79
10	7.50	7.68	8.11	7.67	8.52	e8.95	8.61	7.90	8.12	7.78	8.83	....
15	7.39	7.76	8.18	7.71	8.64	8.30	8.79	8.21	7.84	8.00	8.87	....
20	7.35	7.84	8.25	7.86	8.79	8.20	8.67	8.39	7.53	8.20	8.93	....
25	7.44	7.92	8.26	8.07	8.93	8.27	7.97	8.25	7.36	8.38	8.86	....
Eom	7.55	7.96	8.30	8.25	9.12	8.40	7.88	8.33	7.39	8.56	8.84	....
1963												
5	....	....	....	....	....	....	....	....	....	....	....	....
10	....	....	....	....	....	....	....	....	....	....	....	....
15	....	6.89	....	....	....	....	....	....	....	....	....	....
20	....	6.68	....	....	....	....	....	....	....	....	....	....
25	....	6.42	....	....	....	....	....	....	....	....	....	....
Eom	....	6.38	....	....	....	....	....	....	....	....	....	....

e Estimated.

Duval County

301924N0814008.1. Local number 12. Florida Publishing Co. Formerly Jacksonville Motor Transit Co. McCoy St. and Riverside Ave., Jacksonville. T. 2 S., R. 26 E. Drilled industrial artesian well in Floridan aquifer, diam 6 in, reported depth 785 ft. Lsd 8.34 ft above msl. MP top of 6-in valve, 1.80 ft above lsd. Highest water level 32.1 above lsd, Nov. 25, 1938; lowest 15.1 above lsd, May 9, 1962. Records available: 1938, 1940-42, 1944, 1946-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1959	+26.2	Apr. 28, 1960	+23.6	May 22, 1961	+21.0	June 20, 1962	+17.0
Feb. 26	24.7	June 15	20.2	July 11	22.9	July 25	18.4
Apr. 23	25.0	Aug. 11	22.4	Aug. 17	20.0	Aug. 30	19.0
June 3	23.1	Sept. 21	23.9	Sept. 28	18.8	Oct. 18	21.2
July 22	22.0	Nov. 3	27.1	Nov. 16	21.3	Fel. 19, 1963	23.2
Sept. 1	21.1	Dec. 5	26.8	Jan. 2, 1962	24.9	Apr. 23	15.6
Oct. 21	24.9	Jan. 3, 1961	28.6	Feb. 14	24.2	June 18	18.0
Dec. 10	27.2	Feb. 23	25.8	Mar. 29	22.0	Sept. 10	18.4
Jan. 6, 1960	28.1	Apr. 10	26.2	May 9	15.1	Oct. 22	19.8
Mar. 7	27.7						

301844N0814038.1. Local number 18. C. J. Price. Riverside Ave. and Lomax St., Jacksonville. T. 2 S., R. 26 E. Drilled domestic artesian well in Floridan aquifer, diam 8 in. Lsd 4.48 ft above msl. MP top of 8-in tee, 1.90 ft above lsd. Highest water level 43.2 above lsd, Nov. 26, 1938; lowest 20.1 above lsd, May 9, 1962. Records available: 1938, 1940-41, 1946-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1959	+33.5	Apr. 28, 1960	+30.2	July 11, 1961	+30.1	July 25, 1962	+25.3
Feb. 26	32.1	June 15	25.3	Aug. 17	27.3	Aug. 30	25.5
Apr. 23	32.6	Aug. 11	29.5	Sept. 29	25.8	Oct. 18	28.1
June 3	30.3	Sept. 21	29.8	Nov. 16	26.0	Dec. 13	27.5
July 22	29.8	Nov. 3	32.8	Jan. 2, 1962	30.3	Feb. 19, 1963	30.1
Sept. 1	28.1	Dec. 5	33.2	Feb. 14	29.7	Apr. 23	21.7
Oct. 21	32.7	Jan. 3, 1961	33.8	Mar. 29	27.6	June 18	24.7
Dec. 10	32.0	Feb. 23	32.5	May 9	20.1	Sept. 10	24.7
Jan. 6, 1960	34.5	Apr. 10	32.1	June 20	23.9	Oct. 22	26.3
Mar. 7	34.1	May 22	26.4				

301906N0813325.1. Local number 102. V. A. Stevens. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, T. 2 S., R. 27 E. Drilled domestic artesian well in Floridan aquifer, diam 6 in, reported depth 875 ft, cased to 400. Lsd 53.04 ft above msl. MP top of 1-in pipe, 1.00 ft above lsd. Highest water level 6.68 above lsd, Aug. 13, 1930; lowest 20.94 below lsd, May 9, 1962. Records available: 1930-31, 1934, 1939-42, 1946-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1959	10.13	Apr. 28, 1960	14.44	July 10, 1961	13.22	July 25, 1962	18.02
Feb. 26	11.24	June 15	17.95	Aug. 17	15.04	Aug. 30	17.13
Apr. 23	10.36	Aug. 11	12.87	Sept. 29	14.92	Oct. 18	15.25
June 3	11.22	Sept. 20	11.98	Nov. 16	14.10	Dec. 13	14.22
July 22	14.79	Nov. 3	10.50	Jan. 2, 1962	12.94	Feb. 19, 1963	13.88
Sept. 1	12.96	Dec. 5	10.72	Feb. 14	13.76	Apr. 23	19.50
Oct. 21	12.42	Jan. 3, 1961	10.22	Mar. 29	16.18	June 18	18.39
Dec. 10	11.57	Feb. 23	10.50	May 9	20.94	Sept. 10	17.61
Jan. 6, 1960	11.70	Apr. 10	11.00	June 20	17.94	Oct. 22	15.84
Mar. 7	11.63	May 22	15.02				

301617N0814216.1. Local number 115. City of Jacksonville. Oxford Ave. and Baltic St., Ortega. T. 3 S., R. 26 E. Drilled unused artesian well in Floridan aquifer, diam 8 in, reported depth 729 ft, cased to 476. Lsd 16.12 ft above msl. MP top of 6-in horizontal pipe, 2.40 ft above lsd. Highest water level 40.0 above lsd, Aug. 22, 1930; lowest 11.6 above lsd, May 9, 1962. Records available: 1930-31, 1938, 1940-42, 1944-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1959	+24.1	Apr. 28, 1960	+20.2	July 11, 1961	+20.3	July 25, 1962	+16.0
Feb. 26	22.6	June 15	15.8	Aug. 17	18.0	Aug. 30	16.0
Apr. 23	24.4	Aug. 11	19.7	Sept. 29	16.9	Oct. 18	17.8
June 3	21.7	Sept. 21	21.2	Nov. 16	17.2	Dec. 13	18.6
July 22	20.7	Nov. 3	22.6	Jan. 2, 1962	20.0	Feb. 19, 1963	20.4
Sept. 1	19.4	Dec. 5	22.8	Feb. 14	19.8	Apr. 24	14.0
Oct. 21	23.2	Jan. 3, 1961	23.9	Mar. 29	17.7	June 19	15.6
Dec. 10	23.0	Feb. 23	22.8	May 9	11.6	Sept. 10	16.6
Jan. 6, 1960	24.2	Apr. 10	21.7	June 20	15.3	Oct. 22	18.0
Mar. 7	23.9	May 22	17.2				

301833N0814318.1. Local number 118. City of Jacksonville. Post and Dancy Sts., Jacksonville. SE $\frac{1}{4}$ sec. 20, T. 2 S., R. 26 E. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 900 ft. Lsd 24.59 ft above msl. MP top of 6-in horizontal pipe, 1.80 ft above lsd. Highest water level 34.5 above lsd, Apr. 7, 1942; lowest 11.9 above lsd, May 9, 1962. Records available: 1939-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1959	+21.8	Apr. 28, 1960	+21.1	July 11, 1961	+19.2	July 24, 1962	+15.4
Feb. 27	20.9	June 15	18.4	Aug. 17	17.7	Aug. 30	16.4
Apr. 24	21.8	Aug. 11	20.1	Sept. 29	17.6	Oct. 17	16.8
June 4	20.1	Sept. 21	20.6	Nov. 16	17.0	Dec. 13	17.0
July 22	20.0	Nov. 3	21.8	Jan. 2, 1962	19.1	Feb. 19, 1963	18.2
Sept. 1	19.4	Dec. 5	21.8	Feb. 14	18.5	Apr. 23	14.6
Oct. 21	21.4	Feb. 23, 1961	21.5	Mar. 29	17.0	June 18	14.8
Dec. 10	21.3	Apr. 10	21.0	May 9	11.9	Sept. 10	15.0
Jan. 6, 1960	22.3	May 22	17.6	June 20	15.3	Oct. 22	15.8
Mar. 7	21.5						

302304N0813832.1. Local number 122. City of Jacksonville. Russell and 63d Sts., Jacksonville. T. 1 S., R. 27 E. Drilled unused artesian well in Floridan aquifer, diam 8 in, reported depth 905 ft, cased to 571. Lsd 14.87 ft above msl. MP top of 6-in horizontal pipe, 1.90 ft above lsd. Highest water level 47.0 above lsd, Aug. 21, 1930; lowest 24.9 above lsd, June 13, 1963. Records available: 1930, 1938, 1940-42, 1944-63.

302304N0813832.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1959	+32.1	Aug. 12, 1960	+30.9	Feb. 15, 1962	+29.0	Apr. 23, 1963	+26.1
Feb. 27	31.5	Sept. 20	31.7	Mar. 30	27.5	May 23	25.4
Apr. 24	32.3	Nov. 4	31.9	May 10	25.6	Jun. 13	24.9
June 4	31.4	Dec. 6	31.8	June 21	26.2	Aug. 18	25.7
July 23	30.7	Jan. 4, 1961	32.2	July 25	26.3	Aug. 13	26.3
Sept. 2	30.6	May 23	28.8	Aug. 30	26.9	Sep. 10	26.7
Oct. 21	31.8	July 10	29.3	Oct. 18	28.1	Oct. 18	25.7
Dec. 11	31.7	Aug. 18	27.5	Jan. 21, 1963	28.1	Oct. 22	27.1
Jan. 7, 1960	32.7	Sept. 28	29.5	Feb. 18	28.3	31	27.1
Mar. 8	31.8	Nov. 15	28.9	Mar. 20	28.5	Nov. 20	26.7
Apr. 29	31.4	Jan. 3, 1962	29.3	Apr. 17	27.1	Dec. 18	27.1
June 16	29.6						

301950N0814252.1. Local number 123. City of Jacksonville. Beaver and Huron Sts., Jacksonville. Sec. 16 (previously reported NE $\frac{1}{4}$), T. 2 S., R. 26 E. Drilled unused artesian well in Floridan aquifer, diam 10 in, reported depth 1,075 ft. Lsd 22.78 ft above msl. MP top of 6-in horizontal pipe, 2.50 ft above lsd. Highest water level 39.7 (previously reported 39.2) above lsd, Aug. 13, 1930; lowest 15.7 above lsd, May 9, 1962. Records available: 1930-31, 1938-63.

Jan. 8, 1959	+24.1	Apr. 28, 1960	+24.0	July 11, 1961	+21.9	July 24, 1962	+18.9
Feb. 27	23.5	Aug. 11	23.1	Aug. 17	20.8	Aug. 30	19.7
Apr. 24	24.6	Sept. 21	23.7	Sept. 29	20.8	Oct. 17	20.1
June 4	23.4	Nov. 3	24.6	Nov. 16	20.6	Dec. 13	19.9
July 22	23.1	Dec. 5	24.3	Jan. 2, 1962	21.9	Feb. 19, 1963	21.3
Sept. 1	22.5	Jan. 3, 1961	25.0	Feb. 14	21.5	Apr. 23	18.7
Oct. 21	24.1	Feb. 23	24.2	Mar. 29	20.2	June 18	18.3
Dec. 10	24.1	Apr. 10	23.8	May 9	15.7	Sep. 10	18.9
Jan. 6, 1960	25.1	May 22	21.7	June 20	18.7	Oct. 22	19.3
Mar. 7	24.5						

301551N0814157.1. Local number 129. K. A. Merrill. Formerly Jim Merrill. Ortega Blvd. and 1st St., Ortega. T. 3 S., R. 26 E. Drilled unused artesian well in Floridan aquifer, diam 4 in, depth 600 ft, cased to 470. Lsd 8.63 ft above msl. MP $\frac{1}{2}$ -in corporation cock, 1.00 ft above lsd. Highest water level 42.3 above lsd, July 9, 1940; lowest 17.4 above lsd, May 9, 1962. Records available: 1940-42, 1944-63.

Jan. 8, 1959	+31.4	Apr. 28, 1960	+25.9	July 11, 1961	+26.6	July 25, 1962	+20.8
Feb. 26	29.0	June 15	22.2	Aug. 17	24.2	Aug. 30	22.2
Apr. 23	31.2	Aug. 11	25.6	Sept. 29	22.9	Oct. 18	24.2
June 3	28.4	Sept. 21	27.6	Nov. 16	23.3	Dec. 13	25.0
July 22	27.8	Nov. 3	28.9	Jan. 2, 1962	26.3	Feb. 19, 1963	26.8
Sept. 1	26.0	Dec. 5	28.8	Feb. 14	26.0	Apr. 24	20.0
Oct. 21	29.9	Jan. 3, 1961	30.7	Mar. 29	24.2	June 19	21.4
Dec. 10	29.6	Feb. 23	29.3	May 9	17.4	Sep. 10	23.0
Jan. 6, 1960	31.1	Apr. 10	28.1	June 20	21.4	Oct. 22	24.2
Mar. 7	30.9	May 22	23.5				

302801N0813751.1. Local number 145. Duval County School Board. Oceanway School. T. 1 N., R. 27 E. Drilled public-supply artesian well in Floridan aquifer, diam 2 in. Lsd 34.79 ft above msl. MP top of 2-in tee, 1.50 ft above lsd. Highest water level 24.2 above lsd, June 3, 1947; lowest 4.97 above lsd, June 18, 1963. Records available: 1940-42, 1944-63.

Jan. 9, 1959	+11.3	Apr. 29, 1960	+10.7	July 10, 1961	+8.8	July 26, 1962	+5.75
Feb. 27	10.7	June 16	8.4	Aug. 18	7.9	Aug. 30	6.37
Apr. 24	11.7	Aug. 12	9.8	Sept. 28	8.3	Oct. 18	7.5
June 4	10.5	Sept. 20	10.8	Nov. 15	6.8	Dec. 14	6.7
July 23	9.9	Nov. 4	11.2	Jan. 3, 1962	8.9	Feb. 19, 1963	8.1
Sept. 2	9.8	Dec. 6	11.1	Feb. 15	8.2	Apr. 23	5.82
Oct. 21	10.9	Jan. 4, 1961	11.3	Mar. 30	7.2	June 18	4.97
Dec. 11	11.1	Apr. 11	10.3	May 10	5.58	Sep. 10	5.86
Jan. 7, 1960	11.9	May 23	9.1	June 21	5.9	Oct. 22	6.47
Mar. 8	11.4						

302441N0813649.1. Local number 149. Mrs. W. M. Bostwick. Drummnd Creek, 1.2 mi southwest of Eastport. T. 1 S., R. 27 E. Drilled domestic artesian well in Floridan aquifer, diam 6 in, reported depth 800 ft. Lsd 29.22 ft above msl. MP top of 6-in tee, 4.00 ft above lsd. Highest water level 28.5 above lsd, July 16, 1947; lowest 8.8 above lsd, June 18, 1963. Records available: 1940-41, 1944-63.

302441N0813649. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1959	+15.0	Mar. 8, 1960	+15.6	July 10, 1961	+13.1	July 25, 1962	+9.6
Feb. 27	15.6	Apr. 29	15.4	Aug. 18	12.6	Aug. 30	9.4
Apr. 24	15.9	June 16	10.0	Sept. 28	14.1	Oct. 18	10.6
June 4	14.7	Aug. 12	11.4	Nov. 15	12.5	Feb. 19, 1963	12.4
July 23	14.0	Sept. 20	15.4	Jan. 3, 1962	13.3	Apr. 23	10.0
Sept. 2	14.3	Nov. 4	15.6	Feb. 15	13.7	June 18	8.8
Oct. 21	15.1	Dec. 6	14.9	Mar. 30	11.0	Sept. 10	10.0
Dec. 11	15.0	Jan. 4, 1961	16.0	May 10	9.8	Oct. 22	10.0
Jan. 7, 1960	16.4	May 23	11.4	June 21	9.8		

301401N0813540. 1. Local number 154. J. M. Shield. T. 3 S., R. 27 E. Drilled domestic artesian well in Floridan aquifer, diam 4 in, depth 625 ft, cased to 461. Lsd 25.2 ft above msl. MP top of 4-in cross, 3.10 ft above lsd. Highest water level 30.1 above lsd, July 15, 1947; lowest 10.5 above lsd, May 9, 1962. Records available: 1940-42, 1944, 1946-63.

Jan. 8, 1959	+19.9	Apr. 28, 1960	+17.4	July 11, 1961	+16.5	July 25, 1962	+12.5
Feb. 26	17.9	June 15	14.8	Aug. 17	15.7	Aug. 30	13.9
Apr. 23	19.7	Aug. 11	18.0	Sept. 29	15.9	Oct. 18	16.1
June 3	18.9	Sept. 21	18.7	Nov. 16	15.4	Dec. 13	14.7
July 22	17.9	Nov. 3	19.3	Jan. 2, 1962	15.4	Feb. 19, 1963	16.1
Sept. 1	17.3	Dec. 5	18.3	Feb. 14	15.8	Apr. 23	11.9
Oct. 21	19.9	Jan. 3, 1961	19.3	Mar. 29	13.9	June 18	12.3
Dec. 10	19.3	Feb. 23	19.3	May 9	10.5	Sept. 10	14.1
Jan. 6, 1960	19.7	Apr. 10	17.9	June 20	12.2	Oct. 22	15.1
Mar. 7	19.3	May 22	14.1				

301852N0812342. 1. Local number 160. City of Neptune Beach. Florida Ave. and 1st St., Neptune Beach. T. 2 S., R. 29 E. Drilled unused artesian well in Floridan aquifer, diam 8 in, reported depth 585 ft, cased to 357. Lsd 12.05 ft above msl. MP top of 8-in tee, 0.50 ft below lsd. Highest water level 41.7 above lsd, June 15, 1934; lowest 20.2 above lsd, May 9, 1962. Records available: 1934, 1939-42, 1944-63 (1930 records previously reported available). Affected by tides.

Jan. 8, 1959	+30.6	Apr. 28, 1960	+28.7	July 10, 1961	+27.1	July 25, 1962	+23.1
Feb. 26	30.3	June 15	26.2	Aug. 17	23.8	Aug. 30	25.5
Apr. 23	31.1	Aug. 11	27.4	Sept. 29	25.7	Oct. 18	28.7
June 3	30.3	Sept. 20	29.5	Nov. 16	26.7	Dec. 13	26.5
July 22	26.5	Nov. 3	29.2	Jan. 2, 1962	26.4	Feb. 19, 1963	28.1
Sept. 1	27.5	Dec. 5	28.7	Feb. 14	28.2	Apr. 23	22.1
Oct. 21	30.9	Jan. 3, 1961	28.7	Mar. 29	25.9	June 18	23.9
Dec. 10	30.7	Feb. 23	29.9	May 9	20.2	Sept. 10	24.3
Jan. 6, 1960	31.9	Apr. 10	28.6	June 20	20.9	Oct. 22	25.9
Mar. 7	30.8	May 22	25.5				

302538N0812531. 1. Local number 164. Clay County Development Co. Formerly Foremost Properties. Fort George Island. T. 1 S., R. 29 E. Drilled domestic artesian well in Floridan aquifer, diam 8 in, reported depth 840 ft, cased to 450. Lsd 15.71 ft above msl. MP top of faucet east of well, 1.30 ft above lsd. Highest water level 45.0 (previously reported 45.2) above lsd, Aug. 19, 1930; lowest 25.8 above lsd, May 10, 1962. Records available: 1930-31, 1940-41, 1944-63. Affected by tides.

Jan. 9, 1959	+32.9	Apr. 29, 1960	+32.2	July 10, 1961	+30.5	Aug. 31, 1962	+29.5
Feb. 27	32.9	June 16	31.1	Aug. 18	30.1	Oct. 19	30.1
Apr. 24	32.5	Aug. 12	31.8	Sept. 28	31.3	Dec. 14	30.3
June 4	31.9	Sept. 20	32.1	Nov. 15	30.9	Feb. 19, 1963	30.5
July 23	32.5	Nov. 4	33.6	Jan. 3, 1962	28.5	Apr. 23	27.3
Sept. 2	31.5	Dec. 6	33.8	Feb. 15	29.5	May 27	26.9
Oct. 21	33.5	Jan. 3, 1961	32.3	Mar. 30	27.1	June 18	27.1
Dec. 11	33.2	Feb. 24	33.1	May 10	25.8	Sept. 10	27.7
Jan. 7, 1960	33.9	Apr. 11	31.7	June 21	27.8	Oct. 22	29.1
Mar. 8	32.7	May 23	29.3	July 25	26.5		

301506N0814548. 1. Local number 206. George Mazer. Formerly John Harrell. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 3 S., R. 25 E. Drilled unused artesian well in Floridan aquifer, diam 10 in, reported depth 1,920 ft, cased to 1,000. Lsd 64.97 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 2.07 below lsd, June 5, 1948; lowest 17.69 below lsd, May, June and September 1963. Records available: 1941-42, 1948-63. Affected by pumping of nearby wells.

301506N0814548.1--Continued.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.31	12.40	12.08	11.19	11.88	12.00	12.50	12.57	13.03	12.74	.....	.....
10	12.37	12.51	12.09	11.11	12.53	11.92	12.81	12.65	12.70	12.70	.....	11.95
15	12.16	12.61	12.00	11.21	12.27	12.05	12.35	12.70	12.36	12.42	.....	11.95
20	12.62	12.82	11.68	10.81	12.26	12.03	12.37	12.71	12.55	12.30	.....	12.04
25	12.58	12.70	11.68	11.04	12.03	12.44	12.58	13.08	12.35	11.97	.....	11.91
Eom	12.71	12.43	e11.35	11.16	12.17	12.42	12.66	13.06	12.19	.....	.....	11.58

1960

5	11.40	.....	.....	.....	11.94	13.27	13.48	12.78	12.46	12.00	11.60	11.87
10	.....	.....	.....	.....	11.86	13.24	13.10	12.72	12.08	11.85	11.61	11.91
15	.....	.....	.....	.....	12.46	13.85	12.94	12.70	12.18	11.80	11.71	11.59
20	.....	.....	.....	.....	13.27	13.75	12.83	12.73	12.21	11.70	11.76	11.89
25	.....	.....	.....	.....	13.75	13.82	12.86	12.60	12.12	11.57	11.78	12.10
Eom	.....	.....	.....	12.10	13.75	13.61	12.81	12.71	11.91	11.40	11.72	11.45

1961

5	11.67	11.96	12.15	12.72	13.85	14.73	14.55	15.26	14.63	14.72	15.33	14.71
10	11.80	11.76	12.40	12.65	13.71	14.93	14.45	15.34	14.75	14.85	14.96	14.93
15	11.49	11.79	12.40	12.53	13.55	14.84	14.34	15.27	14.70	14.84	14.98	15.03
20	11.65	12.01	12.57	12.87	14.14	14.36	14.19	14.72	14.38	14.54	14.96	14.78
25	11.94	11.67	12.37	13.16	14.32	14.47	14.25	14.70	14.67	14.87	14.86	14.80
Eom	11.90	11.90	12.45	13.69	14.10	14.47	15.06	14.67	14.96	15.00	14.75	14.49

1962

5	14.52	14.75	15.24	15.81	(k)	(k)	(k)	(k)	16.81	16.20	16.08	15.67
10	14.61	14.66	15.42	15.92	(k)	(k)	(k)	(k)	16.67	16.22	16.05	15.92
15	14.75	14.83	e15.60	e16.02	(k)	(k)	(k)	(k)	16.80	16.28	16.16	.....
20	14.78	15.10	15.62	16.33	(k)	(k)	(k)	(k)	16.78	16.35	16.11	.....
25	14.85	15.57	15.47	16.75	(k)	(k)	(k)	(k)	16.32	16.43	16.24	.....
Eom	14.80	15.75	15.83	16.75	(k)	(k)	(k)	(k)	17.14	16.22	16.06	.....

1963

5	15.98	15.68	15.33	16.44	(k)	(k)	17.52	17.40	17.30	17.25	16.84	16.64
10	15.87	15.67	15.38	15.97	(k)	(k)	17.22	.....	(k)	17.16	16.64	16.72
15	16.02	.....	15.45	16.46	(k)	(k)	17.45	17.61	(k)	17.19	16.97	16.77
20	15.64	15.56	15.26	(k)	(k)	(k)	17.56	17.46	(k)	17.01	16.92	16.70
25	16.34	15.66	15.68	(k)	(k)	(k)	.....	17.40	17.47	16.92	16.84	16.58
Eom	16.10	15.63	16.08	(k)	(k)	(k)	.....	17.52	17.06	17.12	16.69	16.00

e Estimated.

k Water level below obstruction in well.

Escambia County

303625N0871920.1. Local number 45. U. S. Geol. Survey. Cantonment. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 1 N., R. 31 W. Drilled observation artesian well in sand, diam 4 in, depth 152 ft, cased to 152. Lsd 135.00 ft above msl. MP top of recorder-shelter base, 1.48 ft above lsd. Highest water level 69.30 below lsd, May 3, 1941 (previously reported 70.01 below lsd, Aug. 5, 1940); lowest 112.02 below lsd, Feb. 29, 1956. Records available: 1940-63. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	108.42	106.22	106.64	106.85	106.31	105.90	105.62	105.31	105.09	104.87	104.59	104.14
10	108.20	107.37	106.91	106.61	106.14	105.92	105.61	105.35	105.05	104.84	104.81	104.36
15	107.32	107.34	106.83	106.87	106.24	105.90	105.60	.....	104.85	104.62	104.54	104.25
20	107.59	107.51	106.84	106.24	106.07	105.77	105.52	105.37	105.25	104.66	104.40	104.32
25	107.57	107.12	106.86	106.57	106.12	105.90	105.53	105.31	104.92	103.39	104.52	104.35
Eom	107.63	106.99	106.63	106.17	105.94	105.72	105.37	104.89	104.83	.....	104.77	104.30

1960

5	104.37	104.20	104.71	104.21	104.10	103.84	103.77	103.76	103.50	103.48	103.71	103.57
10	104.56	103.93	104.30	104.42	103.92	104.08	103.83	103.70	103.33	103.62	103.67	103.19
15	104.15	104.63	104.00	104.30	104.11	103.88	103.77	103.73	103.37	103.52	103.53	103.11
20	104.68	104.61	104.47	104.26	104.10	103.98	103.87	103.63	103.59	103.47	103.50	103.17
25	104.69	103.96	104.30	103.97	104.01	103.97	103.77	103.55	103.46	103.52	103.46	103.51
Eom	104.32	104.51	104.08	104.02	103.99	103.96	103.62	103.60	103.50	103.27	103.57	102.71

1961

5	103.37	103.38	103.27	103.44	103.56	103.32	102.85	101.99	101.78	102.32	102.39	102.39
10	104.40	103.27	103.59	103.42	103.35	103.16	102.63	102.04	101.88	102.35	102.39	102.33
15	102.78	103.41	103.27	103.06	103.39	103.29	102.55	101.83	101.97	102.43	102.39	102.59
20	103.20	103.25	103.35	103.70	103.39	.....	102.35	101.62	101.99	102.22	102.48	102.47
25	103.27	e103.4	103.61	103.42	103.27	.....	102.34	101.61	102.12	102.39	102.66	102.57
Eom	103.40	103.25	102.88	103.55	103.48	102.99	102.25	101.74	102.24	102.27	102.66	102.14

e Estimated.

303625N0871920.1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	102.03	102.06	102.10	102.04	101.92	101.65	101.52	101.51	101.33	101.07	101.17	100.86
10	102.63	102.02	101.87	102.03	101.82	101.72	101.53	101.30	101.37	101.11	101.21	101.20
15	102.46	102.02	102.15	102.01	102.03	101.62	101.57	101.47	101.19	101.14	101.27	100.94
20	102.53	102.23	101.84	102.01	101.71	101.57	101.67	101.50	101.07	101.03	100.90	101.13
25	102.41	102.23	101.82	101.95	101.76	101.68	101.61	101.33	101.02	101.31	101.36	101.11
Eom	102.44	102.11	101.73	101.85	101.74	101.64	101.54	101.34	101.11	100.69	101.02	101.25

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	100.99	101.22	101.03	100.93	100.86	100.56	100.48	101.23	101.90	102.5	102.49	103.04
10	100.90	100.97	101.24	100.86	100.77	100.45	100.41	101.33	102.08	102.53	102.59	103.14
15	101.47	101.50	101.39	101.20	100.76	100.50	100.47	101.57	102.22	102.76	103.32	103.44
20	100.69	101.29	101.07	100.92	.....	100.55	100.42	101.77	102.12	102.66	103.07	103.18
25	101.27	101.27	101.32	100.98	.....	100.73	100.48	101.78	102.34	102.67	103.04	103.29
Eom	101.24	101.24	101.29	100.84	100.60	100.59	101.05	101.85	102.33	102.80	103.12	103.17

e Estimated.

303120N0871630.1. Local number 46. U.S. Geol. Survey. Ensley. Sec. 11, T. 1 S., R. 30 W. Drilled observation artesian well in sand, diam 4 in, depth 239 ft, cased to 239. Lsd 131.52 ft above msl. MP top of flange cover, 1.10 ft above lsd. Highest water level 56.45 below lsd, Sept. 23, 1948; lowest 82.23 below lsd. June 4, 1956 (previously reported 78.67 below lsd, Dec. 19, 1955). Records available: 1939-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1959	73.50	Dec. 7, 1959	68.31	Oct. 31, 1960	68.24	Sept. 25, 1961	67.57
13	73.61	14	68.29	Nov. 7	68.65	Oct. 2	67.58
20	73.50	21	68.30	14	68.66	9	67.77
26	73.61	28	67.87	21	68.63	16	67.84
Feb. 2	73.96	Jan. 4, 1960	68.33	28	68.64	23	67.97
9	73.87	11	68.34	Dec. 6	68.94	30	68.13
16	74.07	18	68.16	13	69.23	Nov. 6	68.17
23	74.15	25	68.46	20	68.94	13	68.35
Mar. 2	74.19	Feb. 1	68.33	27	69.09	20	68.54
9	74.25	8	68.32	Jan. 3, 1961	69.43	27	68.57
16	74.47	15	68.64	10	69.52	Dec. 4	68.79
23	74.51	22	67.74	16	69.53	11	68.80
30	74.36	29	68.60	23	69.71	18	68.69
Apr. 6	74.53	Mar. 7	68.68	30	69.94	26	69.10
13	74.37	14	68.53	Feb. 7	69.56	Jan. 2, 1962	69.14
21	74.04	21	68.69	13	70.03	8	69.07
27	74.09	28	68.44	20	70.07	15	69.01
May 4	73.91	Apr. 4	68.15	27	69.87	22	68.99
11	73.74	11	68.22	Mar. 6	69.43	29	69.08
18	73.52	18	67.69	13	69.09	Feb. 5	68.68
25	73.52	25	67.54	20	68.83	12	68.90
June 1	73.21	May 2	67.21	27	68.60	19	68.78
9	73.16	9	67.01	Apr. 3	68.24	26	68.85
15	73.10	16	67.13	10	68.22	Mar. 5	70.90
22	73.05	24	67.05	17	68.10	12	68.80
29	72.98	30	68.13	24	67.92	19	69.16
July 13	72.71	June 6	67.12	May 2	67.70	26	69.00
20	72.64	13	67.34	8	67.67	Apr. 2	69.42
27	72.54	20	67.30	15	67.61	9	69.14
Aug. 3	72.47	27	67.67	22	67.54	16	69.43
10	72.43	July 5	67.75	29	67.61	23	69.33
15	72.47	12	67.80	June 5	67.74	30	69.34
24	72.50	18	67.97	12	67.82	May 7	69.46
31	72.23	25	68.19	19	67.85	14	68.66
Sept. 8	72.51	Aug. 1	68.37	26	67.68	21	69.60
15	72.13	8	68.52	July 3	67.85	28	69.72
21	72.26	15	68.57	10	67.44	June 4	69.94
28	71.84	23	68.73	17	67.46	11	69.99
Oct. 5	71.68	30	69.02	24	67.28	18	70.19
12	71.22	Sept. 6	69.10	31	67.32	25	70.13
19	70.72	12	69.17	Aug. 8	67.28	July 2	70.29
26	70.10	19	69.02	14	67.26	9	70.20
Nov. 2	69.79	26	68.80	21	67.21	16	70.39
9	69.45	Oct. 3	68.86	28	67.33	23	70.41
16	68.95	10	68.68	Sept. 5	67.38	30	70.46
23	68.56	17	68.50	11	67.43	Aug. 6	70.44
30	68.77	24	68.42	18	67.57	13	70.46

303120N0871630.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 20, 1962	70.63	Dec. 26, 1962	72.27	May 6, 1963	73.27	Sept. 9, 1963	72.31
27	70.47	31	72.41	13	73.43	16	72.24
Sept. 4	70.70	Jan. 7, 1963	72.26	20	73.52	23	72.13
10	70.79	15	72.88	27	73.52	30	72.01
17	70.63	22	72.79	June 3	73.68	Oct. 7	72.08
24	70.85	27	73.01	10	73.69	14	72.27
Oct. 1	70.84	Feb. 4	72.46	18	73.92	21	72.17
8	70.85	12	72.73	24	74.06	28	72.13
15	70.03	18	72.92	July 1	73.97	Nov. 4	72.26
22	71.00	25	73.21	8	73.77	11	72.70
29	71.30	Mar. 4	72.94	15	73.78	18	72.54
Nov. 5	71.33	11	73.82	22	73.73	23	72.21
12	71.25	18	73.90	29	73.57	Dec. 2	72.75
19	71.32	23	73.29	Aug. 5	73.23	9	72.75
26	71.79	Apr. 9	74.44	12	73.08	16	73.08
Dec. 2	71.70	15	73.18	19	72.90	23	73.03
10	72.07	22	73.11	26	72.63	30	73.37
17	72.04	29	73.23	Sept. 3	72.53		

302405N0871405.1. Local number 60A. U. S. Geol. Survey. H St., Pensacola. T. 2 S., R. 30 W. Drilled observation water-table well in sand, diam 4 in, depth 18 ft, cased to 18. Lsd 7.20 ft above msl. MP top of bushing, 2.27 ft above lsd. Highest water level 3.04 below lsd, Apr. 26, 1944; lowest 7.39 below lsd, Nov. 17, 1952. Records available: 1940-62. Measurement discontinued.

Jan. 6, 1959	6.08	Nov. 16, 1959	5.22	Sept. 26, 1960	5.11	Aug. 8, 1961	5.29
13	6.20	23	5.33	Oct. 3	5.47	14	5.45
20	5.90	30	5.68	10	5.11	21	5.36
26	6.07	Dec. 7	5.88	17	5.44	28	5.43
Feb. 2	5.64	14	5.73	24	5.69	Sept. 5	5.01
9	5.43	21	5.53	31	5.37	11	4.40
16	5.56	28	5.12	Nov. 7	6.07	18	5.17
23	5.86	Jan. 4, 1960	5.29	14	6.12	25	5.27
Mar. 2	5.78	11	5.78	21	6.00	Oct. 2	5.33
9	5.37	18	5.48	28	5.90	9	5.36
16	5.28	25	6.11	Dec. 6	5.69	16	5.66
23	5.43	Feb. 1	5.97	13	4.85	23	5.96
30	5.28	8	5.35	20	6.10	30	5.47
Apr. 6	5.38	15	5.56	27	6.39	Nov. 6	5.64
13	4.79	22	5.39	Jan. 3, 1961	6.25	13	5.61
21	4.54	29	5.60	10	6.38	20	5.69
27	5.03	Mar. 7	5.75	16	6.14	27	5.71
May 4	5.33	14	6.38	23	6.56	Dec. 4	4.77
11	5.17	21	5.73	30	6.19	11	5.41
18	5.57	28	5.59	Feb. 7	5.32	18	5.01
25	5.49	Apr. 4	4.08	13	5.88	26	5.82
June 1	5.25	11	4.99	20	5.48	Jan. 2, 1962	5.52
8	4.86	18	5.17	27	4.98	8	5.31
15	5.56	25	5.45	Mar. 6	5.31	15	5.56
22	5.21	May 2	5.42	13	5.47	22	5.76
29	5.54	9	5.15	20	4.93	29	5.84
July 6	5.63	16	5.75	27	5.36	Feb. 5	5.92
13	5.58	23	5.88	Apr. 3	5.39	12	6.16
20	5.62	30	5.84	10	5.19	19	5.67
27	5.62	June 6	5.83	17	5.35	26	5.84
Aug. 3	5.64	13	5.66	24	5.55	Mar. 5	5.73
10	5.82	20	5.81	May 1	5.31	12	5.36
17	5.56	27	5.90	8	5.51	19	6.18
24	5.68	July 5	5.83	15	5.80	26	5.68
31	5.80	12	5.61	22	6.01	Apr. 2	5.73
Sept. 8	4.90	18	5.61	29	5.97	9	5.65
15	3.90	25	5.96	June 5	6.21	16	6.17
21	4.60	Aug. 1	5.79	12	6.11	23	6.03
28	4.81	8	5.75	19	6.11	30	5.52
Oct. 5	5.09	15	5.82	26	5.22	May 7	6.00
12	4.20	22	5.56	July 3	5.68	14	6.09
19	4.40	30	5.60	10	5.61	21	6.04
26	4.86	Sept. 6	5.75	17	5.61	28	6.09
Nov. 2	4.78	12	5.23	24	5.48	June 4	5.90
9	5.15	19	4.92	31	5.33	11	5.81

302405N0871405.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 18, 1962	6.05	July 16, 1962	6.11	Aug. 13, 1962	5.99	Sept. 10, 1962	5.85
25	6.09	23	6.22	20	6.18	17	5.80
July 2	6.15	30	6.01	27	5.69	24	5.81
9	6.25	Aug. 6	6.21	Sept. 4	5.91		

302440N0871520.1. Local number 62. U.S. Geol. Survey. Pensacola. T. 2 S., R. 30 W. Drilled observation artesian well in sand, diam 6 in, depth 142 ft, cased to 142. Lsd 13.95 ft above msl. MP top of 1-in hole in recorder-shelter floor, 1.50 ft above lsd. Highest water level 6.05 below lsd, Mar. 30, 1949; lowest 24.73 below lsd, July 31, 1955. Records available: 1940-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.18	15.30	15.86	16.75	15.93	15.23	15.91	15.06	16.83	e14.7	13.81	15.16
10	15.31	15.25	15.55	16.74	16.55	15.27	15.98	16.03	16.95	14.55	13.87	17.02
15	15.58	15.58	15.30	16.94	15.95	14.51	15.87	16.25	16.19	14.63	13.96	17.86
20	15.82	15.68	15.19	16.40	16.15	14.81	15.85	16.21	14.99	14.16	14.15	18.78
25	16.11	15.69	15.07	15.01	16.13	15.15	16.05	16.17	14.80	e14.10	14.00	15.54
Eom	15.88	15.82	15.28	15.38	15.28	15.75	15.27	16.63	14.95	14.02	13.65	14.14

1960

5	14.25	.....	13.85	13.03	13.77	14.51	16.05	15.38	14.00	13.27	14.45	14.16
10	e14.20	14.07	13.79	13.15	13.51	.....	16.94	15.00	14.61	13.16	14.45	14.11
15	13.89	h14.88	14.44	13.05	13.59	14.48	16.45	14.90	e13.05	13.77	13.67	14.28
20	13.75	.....	14.42	13.05	14.08	14.35	14.65	14.85	12.41	13.74	13.91	14.12
25	13.91	14.08	14.15	13.28	14.09	14.57	15.12	14.13	13.36	14.06	14.02	14.22
Eom	.....	13.68	13.74	13.66	13.72	14.98	16.36	14.22	13.71	14.35	14.00	14.09

1961

5	14.02	14.29	14.02	13.82	14.35	15.80	.....	15.72	14.82	15.24	.....	14.42
10	13.71	14.16	14.08	13.85	14.34	15.98	12.01	.....	14.87	15.14	14.77	14.36
15	14.16	14.50	13.65	13.99	14.34	15.96	14.10	15.54	14.90	15.17	14.71	14.24
20	14.30	14.18	13.63	13.76	15.16	15.49	14.28	15.69	14.62	15.31	14.69	13.78
25	14.17	14.17	13.81	14.05	15.48	.....	14.72	15.66	14.76	15.22	14.62	13.97
Eom	14.17	13.98	13.95	14.30	15.48	13.25	15.41	15.54	15.12	.....	14.41	14.29

1962

5	14.08	14.19	13.80	14.49	15.22	16.80	15.41	14.84	11.69	11.63	.....	11.41
10	13.75	14.35	13.94	14.22	15.51	11.85	14.26	14.88	12.05	11.86	.....	11.50
15	14.27	14.40	13.90	14.47	15.76	12.75	15.10	15.15	12.16	11.97	.....	11.22
20	14.54	14.27	14.09	14.71	16.15	13.13	15.72	15.73	11.60	12.25	11.65	13.52
25	14.10	14.26	14.23	14.83	16.57	14.65	15.62	12.41	11.80	12.45	11.60	12.10
Eom	14.22	14.14	14.43	14.17	16.94	15.03	15.15	12.22	e11.5	.....	11.38	11.72

1963

5	11.90	13.32	13.87	14.25	12.96	13.65	e12.1	.....	12.50	.....	.....	.....
10	11.69	14.34	13.84	14.55	13.20	14.87	e13.9	.....	.....	.....	.....	13.21
15	11.85	14.31	13.89	13.92	13.33	15.82	.....	.....	.....	.....	.....	12.62
20	13.95	15.09	13.78	14.10	13.81	14.20	.....	.....	.....	.....	.....	12.61
25	14.58	14.53	13.92	14.30	14.06	e12.8	12.60	12.49	.....	14.79	.....	11.85
Eom	14.89	14.33	14.04	13.90	13.91	e12.2	.....	12.69	.....	.....	.....	11.84

e Estimated.

h Tape measurement.

302440N0871520.2. Local number 62A. U.S. Geol. Survey. Pensacola. T. 2 S., R. 30 W. Drilled observation water-table well in sand, diam 4 in, depth 18 ft, cased to 18. Lsd 13.95 ft above msl. MP top of 4-in coupling, 1.91 ft above lsd. Highest water level 8.80 below lsd, Sept. 25, 1956; lowest 13.19 below lsd, Jan. 10, 1955. Records available: 1940-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1959	12.14	Apr. 6, 1959	11.47	July 6, 1959	11.17	Oct. 5, 1959	10.37
13	11.81	13	11.23	13	11.33	12	9.29
20	12.34	21	11.12	20	11.48	19	9.28
26	11.48	27	10.78	27	12.55	26	9.56
Feb. 2	12.11	May 4	10.94	Aug. 3	11.66	Nov. 2	9.40
9	11.90	11	11.20	10	11.76	9	9.54
16	11.77	18	11.33	17	11.81	16	9.98
23	11.72	25	11.42	24	11.80	23	9.81
Mar. 2	11.71	June 1	11.40	31	11.86	30	10.51
9	11.73	8	11.47	Sept. 8	11.97	Dec. 7	10.82
16	11.67	15	10.31	15	9.26	14	11.04
23	11.64	22	10.51	21	9.57	21	11.16
30	11.61	29	10.86	28	9.74	28	11.49

.302440N0871520. 2--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1960	11.17	Oct. 10, 1960	10.48	July 17, 1961	11.42	Apr. 23, 1962	13.00
11	11.37	17	10.76	24	11.43	30	12.00
18	11.62	24	10.97	31	11.53	May 7	12.02
25	11.45	31	11.16	Aug. 8	11.36	14	12.12
Feb. 1	11.68	Nov. 7	11.25	14	11.19	21	12.04
8	11.58	14	11.40	21	11.25	28	13.05
15	11.31	21	11.43	28	11.36	June 4	12.11
22	11.41	28	11.68	Sept. 5	10.90	11	12.13
29	11.42	Dec. 6	11.53	11	10.77	18	12.06
Mar. 7	11.32	13	11.55	18	10.81	25	12.06
14	11.47	20	11.68	25	11.03	July 2	12.02
21	11.40	27	11.74	Oct. 2	11.12	9	11.96
28	11.46	Jan. 3, 1961	11.86	9	11.25	16	11.80
Apr. 4	10.48	10	12.07	16	11.42	23	11.62
11	9.97	16	12.29	23	11.63	30	11.61
18	10.33	23	12.28	30	11.71	Aug. 6	11.58
25	10.77	30	12.02	Nov. 6	11.71	13	11.56
May 2	11.01	Feb. 7	12.32	13	11.78	20	11.58
9	10.89	13	12.04	20	11.33	27	11.48
16	11.28	20	12.06	27	11.33	Sept. 4	11.46
23	11.57	27	11.23	Dec. 4	11.45	10	11.37
30	11.70	Mar. 6	11.22	11	11.50	17	11.32
June 6	11.78	13	11.37	18	11.24	24	11.24
13	11.84	20	11.19	26	10.89	Oct. 2	11.16
20	11.83	27	10.91	Jan. 2, 1962	10.14	22	11.47
27	11.92	Apr. 3	10.98	8	10.90	Nov. 19	11.57
July 5	11.93	10	11.14	15	10.86	Dec. 17	11.53
12	11.21	17	11.04	22	11.09	Jan. 15, 1963	11.51
18	11.25	24	11.26	29	11.17	Feb. 12	11.16
25	11.78	May 1	11.35	Feb. 5	11.48	Mar. 11	11.42
Aug. 1	11.80	8	11.47	12	11.69	Apr. 9	11.70
8	11.72	15	11.55	19	11.84	May 6	11.87
15	11.27	22	11.76	26	11.85	27	11.12
22	11.21	29	11.81	Mar. 5	11.86	June 24	11.30
30	10.91	June 5	12.01	12	12.07	July 22	11.68
Sept. 6	11.14	12	11.17	19	11.90	Aug. 19	11.15
12	10.23	19	11.20	26	12.00	Sept. 16	11.42
19	9.73	26	11.11	Apr. 2	11.98	Oct. 14	11.50
26	9.19	July 3	11.19	9	12.02	Nov. 11	11.67
Oct. 3	10.44	10	11.31	16	12.00	Dec. 9	11.44

303610N0871650.1. Local number 74. Chemstrand Corp. Sec. 30, T. 1 N., R. 30 W. Drilled observation artesian well in sand, diam 4 to 2½ in, depth 352 ft, screened 260-270, 340-350. Lsd 97.39 ft above msl. MP top of 4-in casing, 3.00 ft above lsd. Highest water level 73.97 below lsd, Nov. 10, 1951; lowest 89.76 below lsd, Jan. 24, 1959. Records available: 1951-63. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	89.22	89.20	89.18	89.10	89.32	89.29	89.30	89.18	89.20	88.87	88.24	88.15
10	89.39	89.14	89.63	88.87	89.44	88.32	88.57	89.03	89.10	88.83	87.96	88.12
15	89.03	89.30	89.28	88.94	89.52	88.80	89.27	89.03	88.44	88.69	87.33	87.86
20	89.69	89.13	89.29	89.05	89.50	88.63	89.30	89.01	88.45	88.31	88.05	87.94
25	89.50	89.49	89.67	89.29	89.35	89.00	88.93	88.96	88.20	87.96	87.92	87.94
Eom	89.23	89.48	89.15	89.25	89.17	89.10	89.24	89.00	88.70	88.32	88.19	88.10

1960

5	87.85	87.49	87.90	86.90	87.45	87.25	87.68	87.79	88.20	87.90	87.83	87.82
10	88.16	87.18	88.04	86.10	87.00	87.17	87.60	87.73	88.10	88.13	87.90	87.75
15	88.11	88.06	87.91	86.67	87.02	87.20	87.13	87.90	87.67	87.76	87.58	88.04
20	87.96	88.45	.....	87.37	87.60	87.20	87.28	87.87	87.84	87.85	87.35	87.76
25	88.30	88.08	87.90	87.30	87.72	87.38	87.51	88.30	87.95	88.03	87.74	87.84
Eom	87.84	87.96	87.67	87.38	87.79	87.78	87.84	88.17	87.86	87.66	87.90	86.79

1961

5	87.39	88.62	86.95	87.18	87.02	87.90	86.99	87.20	86.89	86.64	86.18	86.82
10	87.76	88.47	87.62	87.15	86.84	87.80	87.14	87.11	85.89	86.67	86.33	86.81
15	88.14	88.86	87.95	86.57	86.86	88.00	87.36	86.87	86.10	86.40	86.20	86.30
20	88.39	88.17	87.33	85.80	86.67	87.62	87.10	86.69	86.25	86.20	86.22	85.99
25	88.35	87.70	87.43	86.10	86.73	87.08	87.03	86.53	86.42	86.38	86.47	85.84
Eom	88.78	87.40	87.60	86.68	87.54	86.97	87.06	86.65	86.61	86.42	86.65	85.98

303610N0871550.1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	86.14	86.10	85.84	85.48	86.30	86.66	87.03	86.47	86.80	86.50	87.00	87.04
10	85.71	.....	85.72	85.40	86.60	86.50	86.63	86.64	86.36	86.83	87.93	87.44
15	86.55	.....	86.18	85.73	86.76	86.27	86.68	86.96	86.90	86.63	87.12	88.10
20	86.26	.....	86.16	85.93	86.81	86.86	86.65	86.92	86.65	87.04	87.11	87.57
25	86.40	.....	86.00	86.14	87.10	86.85	86.75	86.96	86.64	86.88	87.10	87.22
Eom	86.32	86.07	85.94	86.13	86.80	86.96	86.53	87.33	86.89	86.96	87.10	87.51

1963

5	87.65	88.12	88.00	88.47	87.97	88.73	88.80	88.83	87.97	88.46	87.27	88.65
10	87.75	87.88	88.00	88.36	88.38	88.77	88.01	88.50	88.25	88.38	87.02	88.84
15	88.28	87.90	87.77	88.40	88.56	88.71	88.22	88.44	88.24	88.40	87.19	88.89
20	87.67	87.77	87.79	88.22	88.54	88.20	88.57	88.90	88.25	88.10	87.70	89.10
25	88.19	88.04	88.21	87.95	88.48	88.13	88.40	88.65	88.14	87.90	87.63	89.24
Eom	87.88	88.26	88.56	87.89	88.54	88.08	88.73	87.81	88.02	88.64	87.43	89.22

Flagler County

292747N0811527.1. Local number 14. W. E. Kudrna (previously reported Kudna).

Bunnell. NE $\frac{1}{4}$ sec. 15, T. 12 S., R. 30 E. Drilled unused artesian well in Floridan aquifer, diam 6 to 4 in, depth 417 ft (previously reported 180 ft). Lsd 21.0 ft above msl. MP top of 6-in casing, at lsd. Highest water level 2.7 below lsd, September 1947; lowest 8.19 below lsd, May 8, 1962. Records available: 1936-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 18, 1959	4.38	June 14, 1960	5.85	July 11, 1961	6.17	July 24, 1962	7.06
June 1	5.36	Aug. 9	4.41	Aug. 16	6.60	Aug. 28	5.93
July 21	4.85	Sept. 15	4.05	Sept. 26	5.82	Oct. 16	5.52
Sept. 4	5.22	Nov. 1	3.99	Nov. 14	5.71	Dec. 12	6.20
Oct. 20	4.36	Dec. 2	4.90	Jan. 11, 1962	6.66	Feb. 21, 1963	5.58
Dec. 8	4.71	Jan. 6, 1961	5.29	Feb. 13	6.63	Apr. 25	7.74
Jan. 12, 1960	4.81	Feb. 21	4.82	Mar. 28	7.25	June 20	7.55
Mar. 2	4.73	Apr. 7	5.76	May 8	8.19	Sept. 12	6.89
Apr. 27	5.03	May 18	7.12	June 19	7.98	Oct. 24	5.42

Gulf County

294857N0851808.1. Local number 30. Apalachicola Northern RR. Port St. Joe. SW $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported NE $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 1, T. 8 S., R. 11 W. Drilled unused artesian well in Floridan aquifer, diam 8 to 6 in, depth 522 ft, cased to 475 (previously reported diam 4 in, depth 563 ft, cased to 300). Lsd 10.73 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 5.61 below lsd, Feb. 11, 1956; lowest 28.41 below lsd, July 3, 1948. Records available: 1946-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.10	7.12	7.00	6.97	7.75	7.96	8.18	8.69	8.42	8.46	8.00	7.24
10	7.26	7.36	7.05	7.66	8.04	7.60	9.53	7.98	8.19	7.90	7.98	7.36
15	7.19	7.59	6.74	7.58	7.60	7.64	8.15	7.96	7.50	7.96	7.75	7.27
20	7.41	7.66	6.88	7.40	7.40	7.58	7.74	8.20	7.75	7.79	7.64	7.34
25	7.80	7.45	6.89	7.61	7.70	7.76	7.73	8.66	8.10	7.83	7.66	6.73
Eom	7.48	7.19	6.67	7.44	7.82	7.81	7.75	8.06	8.40	7.76	7.30	6.84

1960

5	6.71	7.10	7.01	6.68	7.73	8.00	9.20	8.16	7.81	7.70	7.46	7.08
10	6.72	7.15	6.79	7.26	7.55	8.81	9.22	7.97	7.44	7.40	7.33	7.20
15	6.60	6.76	6.71	7.72	7.81	8.65	8.95	7.90	7.56	9.01	7.93	6.93
20	7.08	7.02	6.98	8.53	7.92	8.36	8.81	7.86	7.40	7.69	7.41	7.30
25	7.14	6.66	6.88	7.82	8.07	8.73	8.53	7.60	7.56	7.60	7.18	7.45
Eom	7.33	6.62	6.71	8.04	8.00	8.60	8.08	7.79	7.57	7.27	7.23	7.07

1961

5	7.40	6.93	7.12	7.32	8.38	8.24	8.04	8.44	8.04	8.29	8.45	7.89
10	7.25	6.70	7.40	6.99	7.50	8.35	8.23	8.27	8.53	8.25	8.66	7.88
15	7.30	6.74	7.16	7.11	7.99	8.48	8.25	8.44	8.33	8.36	8.18	8.15
20	7.14	6.79	7.10	7.60	8.20	8.36	8.10	7.73	8.21	8.45	7.95	8.01
25	7.05	6.65	7.54	7.59	8.17	8.18	8.00	7.50	8.18	8.78	8.11	7.78
Eom	7.00	6.64	7.00	7.99	8.33	8.33	7.93	7.64	8.51	8.27	8.30	7.91

294857N0851808.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.71	7.76	7.72	8.41	9.23	9.66	9.67	8.84	8.02	7.70	7.52	7.51
10	7.77	7.78	8.10	8.72	8.93	9.62	9.22	8.90	7.80	8.55	7.53	7.68
15	7.40	7.70	7.80	8.60	9.17	9.28	9.02	8.85	8.00	7.44	7.41	7.46
20	7.80	7.89	8.20	8.92	10.34	9.90	9.10	8.54	7.35	7.96	7.28	....
25	7.81	7.89	7.76	8.70	9.88	9.25	10.04	8.65	7.41	7.89	7.50	....
Eom	7.78	8.14	8.04	8.90	9.82	9.28	8.86	8.81	7.49	7.36	7.43	....
1963												
5	....	8.69	8.23	9.64	9.40	9.20	9.20	8.50	8.87	....	7.88	7.40
10	7.33	8.59	8.25	9.99	10.10	9.00	9.70	....	8.98	....	8.95	7.49
15	7.47	8.96	8.52	9.84	9.50	9.33	9.57	....	9.05	....	8.95	7.70
20	7.60	8.68	8.80	9.37	9.45	10.00	10.05	....	....	....	8.36	7.19
25	8.09	8.70	8.75	10.50	9.81	9.46	9.36	....	....	9.00	7.85	7.61
Eom	8.36	8.77	8.83	10.32	9.42	9.51	8.30	....	....	8.34	7.59	7.47

e Estimated.

Hendry County

2618 N08058 .1. Local number 3. U.S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 48 S., R. 33 E. Jetted observation water-table well in shelly sand, diam 6 in, depth 10 ft, cased to 8, gravel-packed 5-10. MP top of 6-in flange, 2.50 ft above lsd. Highest water level 0.90 above lsd, Oct. 2, 1951; lowest 5.85 below lsd, June 10, 1962. Records available: 1941-44, 1950-63.

Highest water level for the day, above and below lsd, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-0.27	-0.79	-0.99	-0.75	-2.10	-1.13	-0.37	+0.35	-0.26	-0.32	-0.24	-0.40
10	.65	.92	1.15	.99	2.47	.97	+0.04	.05	+0.40	.42	.28	.47
15	.70	1.07	-1.35	.89	2.77	-.62	-.20	+0.10	-.24	-.50	.37	.57
20	.70	1.20	+2.3	1.02	1.51	+3.8	.37	-.08	.10	+3.5	.04	.66
25	.62	1.39	-.52	1.33	2.20	-.37	.22	+3.36	.18	.20	.10	.40
Eom	-.74	-.49	-.67	1.70	1.13	-.55	-.54	-.25	....	+2.1	-.32	-.69
1960												
5	-0.72	-1.17	-1.62	-1.79	-2.90	-2.74	-0.61	+0.18	+0.41	+0.26	-0.18	-0.85
10	.83	1.57	1.92	2.31	2.81	2.72	.54	+0.09	.36	.34	.35	.92
15	.90	1.70	2.13	2.59	3.10	2.75	.67	-.19	.23	+3.8	.12	.74
20	1.07	1.89	1.16	2.74	3.34	.54	.62	+3.33	.08	-.00	.47	1.07
25	1.20	1.28	1.67	2.41	3.60	.74	.64	+0.08	.38	-.25	.62	1.17
Eom	1.27	1.23	2.01	2.55	3.06	.70	-.02	-.22	.39	+2.1	.70	1.29
1961												
5	-1.43	-1.49	-2.45	-3.33	-3.59	-1.49	-0.45	-0.79	-0.93	-1.35	-2.59	-3.35
10	.46	1.59	2.64	3.39	3.73	1.77	.48	-.54	1.06	1.65	2.74	3.46
15	1.04	1.84	2.76	3.56	3.96	1.02	-.77	+1.14	1.14	1.82	2.92	3.55
20	1.18	1.99	2.98	3.78	4.23	1.04	+2.4	-.34	.47	2.00	3.06	3.66
25	1.36	2.16	3.18	4.00	4.46	.22	+1.7	.72	1.07	2.33	3.09	3.76
Eom	1.47	2.30	3.41	4.08	1.17	.46	-.60	.86	1.11	2.33	3.24	3.87
1962												
5	-3.87	-4.17	-4.71	-4.53	-5.07	-5.72	-1.87	+0.06	+0.18	+0.55	-0.48	-0.80
10	3.75	4.26	4.82	4.66	4.92	5.85	2.22	.28	+1.13	.46	+0.08	.90
15	3.86	4.33	4.93	4.89	5.14	5.25	-1.41	+3.31	-.19	+0.01	-.49	1.07
20	3.83	4.42	5.06	5.11	5.41	3.44	+2.3	-.36	+5.54	-.14	.49	1.13
25	3.99	4.52	4.69	5.28	5.56	1.94	.46	.21	.76	.27	.66	1.21
Eom	4.09	4.58	4.34	5.39	5.76	2.07	.40	-.14	.64	.15	.74	1.32
1963												
5	-1.54	-1.14	-1.21	-2.76	-2.24	+0.02	-0.47	-1.14	-1.32	-0.55	-1.06	-1.07
10	1.30	1.57	1.35	2.11	2.59	.24	.78	1.52	1.09	.72	+2.0	1.22
15	1.44	1.14	1.63	2.56	2.92	+1.3	.87	1.95	1.21	.64	-.68	1.34
20	1.59	.60	1.84	2.93	3.26	-.46	1.00	1.16	-.69	.82	.76	.96
25	1.48	1.04	2.22	3.24	1.70	.14	1.28	1.43	+3.37	.93	.83	-1.11
Eom	1.38	1.06	2.49	3.54	-1.15	.01	1.03	1.14	-.49	1.13	.97	+4.1

e Estimated.

2637 N08107 .1. Local number 5. U.S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 44 S., R. 32 E. Jetted observation water-table well in sand, diam 6 in, depth 13 ft, cased to 8, gravel-packed 7-13. MP top of casing, 2.90 ft above lsd. Highest water level 0.48 above lsd, Oct. 2, 1951; lowest 4.35 below lsd, Mar. 23, 1962. Records available: 1941-63.

2637 _N08107_ .1--Continued.

Highest water level for the day, above and below lsd, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-1.29	-1.96	-1.87	-1.82	-2.86	....	....	-0.12	....	-0.61	-0.47	-1.12
10	1.70	1.94	1.99	2.24	3.03	....	-0.37	.12	....	.54	.60	1.13
15	1.87	2.20	2.27	2.43	3.12	....	.50	.39	....	-.50	.75	1.22
20	1.61	2.33	1.12	2.59	.81	....	.50	.48	....	+.19	.62	1.38
25	1.60	2.48	1.34	2.35	....	....	.34	.43	....	-.13	.62	1.32
Eom	1.87	1.95	1.52	2.69	....	....	.57	.32	....	+.20	.89	1.65

1960

5	-1.82	-2.19	-2.05	-2.57	-2.28	-2.28	-1.44	-0.67	-0.93	-1.08	-1.21	-2.21
10	1.95	2.53	2.27	2.80	2.53	2.57	1.35	.82	.01	1.06	1.50	2.35
15	2.06	2.41	2.38	2.87	2.79	2.89	1.33	.84	.35	1.20	1.72	2.38
20	2.21	2.57	2.28	2.86	2.92	1.77	1.64	1.28	.78	1.38	1.67	2.52
25	2.35	1.80	2.58	2.63	3.03	1.27	.70	.96	.80	1.58	1.86	2.50
Eom	2.31	1.89	2.76	2.14	2.27	1.48	.33	.92	.92	1.52	1.99	2.58

1961

5	-2.63	-1.94	-2.62	-2.46	-3.07	-2.58	-1.38	-2.27	-2.02	-2.92	-3.33	-3.76
10	2.04	1.86	2.75	2.63	3.22	2.53	1.47	2.29	2.30	3.07	3.40	3.81
15	1.74	2.15	2.52	2.78	3.41	2.12	1.72	2.20	2.48	2.96	3.51	3.85
20	1.95	2.33	2.50	2.95	3.52	2.42	1.85	1.35	2.41	3.12	3.58	3.90
25	2.15	2.35	2.69	3.10	3.60	2.10	2.17	1.62	2.63	3.25	3.64	3.95
Eom	2.25	2.50	2.87	3.24	2.26	1.95	2.46	1.90	2.81	3.21	3.70	4.02

1962

5	-4.00	-4.10	-4.17	-3.41	-3.55	-3.46	-2.15	-2.00	....	-0.36	-1.61	-1.85
10	4.00	3.92	4.23	3.39	3.72	3.23	2.20	1.70	....	.55	1.17	1.96
15	4.00	3.87	4.26	3.52	3.45	3.16	2.15	1.57	....	.95	1.30	2.08
20	4.04	3.96	4.32	3.68	3.62	2.25	2.20	1.76	....	1.34	1.47	2.15
25	4.05	4.07	3.56	3.80	3.37	2.24	2.54	1.90	....	1.38	1.66	2.25
Eom	4.03	4.13	3.52	3.89	3.62	1.85	2.28	1.21	....	1.55	1.75	2.25

1963

5	-2.51	-2.37	-2.01	-2.89	-2.75	-2.65	-2.00	-2.32	-1.70	-2.33	-3.18	-3.33
10	2.52	2.36	2.20	2.87	2.93	2.59	2.32	2.40	1.84	2.50	2.88	3.40
15	2.55	2.15	2.40	3.10	3.23	2.11	2.50	2.49	2.15	2.61	2.83	3.43
20	2.60	1.88	2.55	3.25	3.42	2.03	2.62	2.12	2.16	2.76	2.89	2.87
25	2.55	2.15	2.71	3.35	2.80	2.00	2.73	1.72	1.85	2.91	3.15	2.81
Eom	2.62	1.82	2.84	3.41	2.77	1.93	2.90	2.14	2.13	3.09	3.24	2.41

Highlands County

273751N0811549.1. Local number 9. U. S. Geol. Survey. Avon Park Bombing Range. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 33 S., R. 31 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 26 ft, cased to 22, gravel-packed 19-26. Lsd 131.00 ft above msl. MP top of casing, 3.32 ft above lsd. Highest water level 130.54 above msl, Oct. 9, 1953; lowest 125.27 above msl, Aug. 8, 1950. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+128.67	+128.50	+128.70	+128.99	+128.16	+128.65	+130.26	+129.81	+130.19	+128.54	+128.75	+128.17
10	128.40	128.49	128.67	128.63	127.94	128.90	129.33	130.24	130.32	128.75	128.54	128.08
15	128.20	128.23	128.63	128.84	128.47	129.43	129.24	129.48	130.18	128.56	128.44	128.01
20	128.13	128.05	130.45	128.67	128.43	129.58	128.66	130.11	129.57	129.35	128.33	127.92
25	128.45	127.90	129.30	128.59	128.40	129.08	128.68	129.59	129.15	129.48	128.66	128.89
Eom	128.33	128.77	129.05	128.36	129.06	129.82	128.77	130.35	128.81	129.28	128.37	128.67

1960

5	+128.45	+129.51	+128.73	+130.02	+128.60	+128.40	+129.87	+129.17	+130.19	+128.85	+128.55	+127.66
10	128.25	128.91	128.52	128.85	128.36	128.25	129.37	129.47	130.52	129.05	128.28	127.57
15	128.07	129.16	129.90	128.49	128.07	128.90	128.94	128.93	129.22	128.78	128.05	127.50
20	127.92	128.90	129.60	130.17	127.92	129.47	129.40	128.56	.....	128.90	128.04	127.70
25	127.77	129.33	129.00	130.03	127.77	128.88	130.33	129.47	.....	128.48	127.90	127.53
Eom	127.76	129.08	128.77	128.95	127.57	129.21	130.43	129.21	129.50	128.85	127.80	127.44

1961

5	+127.34	+128.05	+127.55	+128.48	+127.72	+127.83	+129.89	+128.13	+129.47	+128.27	+127.70	+127.17
10	127.35	128.27	127.45	129.03	127.58	127.58	130.20	128.41	130.00	128.04	127.60	127.07
15	128.38	128.04	128.02	128.55	127.47	128.51	128.92	129.11	129.07	128.55	127.47	127.00
20	128.18	127.87	129.48	128.25	127.36	128.16	128.77	129.37	128.72	128.25	127.40	126.95
25	128.02	127.74	128.77	128.07	127.23	130.11	128.49	130.25	128.48	127.98	127.30	126.88
Eom	127.85	127.65	129.04	127.88	128.12	130.03	128.39	129.55	128.62	127.82	127.23	126.81

273751N0811549.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+126.72	+126.47	+126.47	+126.99	+126.68	+126.43	+128.68	+129.94	+128.83	+129.82	+127.95	+128.25
10	126.70	126.43	126.35	127.42	126.62	126.30	129.49	130.05	129.04	128.94	129.73	128.20
15	126.65	126.38	126.30	127.30	126.58	126.90	129.40	129.97	129.27	128.58	128.92	128.05
20	126.62	126.73	126.25	127.11	126.52	127.17	129.35	130.22	130.30	128.32	128.71	127.95
25	126.57	126.70	126.23	126.94	126.45	128.31	128.68	129.47	129.51	128.24	128.54	127.80
Eom	126.52	126.62	127.06	126.82	126.40	129.10	129.57	129.47	128.92	128.03	128.40	128.23

1963												
5	+127.98	+128.31	+129.80	+128.07	+127.65	+128.05	+128.22	+128.45	+128.31	+128.74	+127.65	+127.98
10	128.02	128.17	129.97	128.10	127.45	128.25	127.90	128.09	128.63	128.46	128.55	127.85
15	128.00	128.71	129.15	127.83	127.24	127.90	128.38	128.15	128.21	128.25	128.82	128.79
20	127.98	129.63	128.77	127.66	127.13	128.15	128.15	128.76	129.51	128.16	128.20	128.43
25	128.09	128.93	128.50	127.52	127.70	127.89	128.20	128.76	130.12	127.99	128.28	128.67
Eom	128.26	129.58	128.25	127.40	128.32	128.54	128.60	128.33	129.07	127.75	128.23	128.75

272743N0812325.1. Local number 10. U. S. Geol. Survey. About 4 mi southeast of Sebring on Florida Highway 23. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2, T. 35 S., R. 29 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 45 ft, cased to 41, gravel-packed 37-45. Lsd 118.00 ft above msl. MP top of casing, 3.60 ft above lsd. Highest water level 94.53 above msl, Sept. 17, 1960; lowest 83.37 above msl, July 6-8, 1956. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1953												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+87.43	+87.02	+86.70	+88.87	+88.10	+87.87	+90.45	+90.03	+89.85	+90.93	+91.94	+90.95
10	87.35	86.95	86.79	88.71	87.97	87.95	90.53	89.92	90.16	90.80	91.81	90.77
15	87.30	86.88	86.86	88.57	87.87	87.97	90.52	89.82	90.36	90.68	91.65	90.63
20	87.23	86.82	86.98	88.47	87.75	89.40	90.41	89.71	90.48	90.75	91.45	90.45
25	87.16	86.75	88.27	88.33	87.63	90.41	90.25	89.60	90.85	91.24	91.30	90.30
Eom	87.08	86.70	88.93	88.22	87.64	90.45	90.12	89.69	91.02	91.77	91.10	90.12

1960												
5	+89.98	+89.17	+88.84	+89.36	+89.61	+89.07	+89.82	+91.97	+92.80	+93.63	+92.55	+91.39
10	89.85	89.11	88.77	89.42	89.50	89.06	89.92	92.34	93.55	93.45	92.37	91.20
15	89.72	89.07	88.64	89.53	89.38	89.03	89.92	92.24	94.48	93.28	92.18	91.02
20	89.58	89.02	88.64	89.60	89.29	89.01	89.85	92.00	94.41	93.13	91.97	90.82
25	89.44	88.98	88.98	89.70	89.20	89.32	89.76	91.83	94.10	92.98	91.78	90.65
Eom	89.30	88.91	89.32	89.68	89.10	89.62	90.38	91.70	93.82	92.77	91.59	90.46

1961												
5	+90.27	+89.95	+89.32	+88.71	+88.49	+88.48	+88.34	+88.20	+87.80	+87.62	+87.27	+86.78
10	90.12	89.85	89.20	88.67	88.53	88.48	88.35	88.14	87.76	87.58	87.20	86.70
15	90.06	89.73	89.07	88.63	88.58	88.43	88.34	88.07	87.72	87.54	87.10	86.62
20	90.27	89.63	88.97	88.59	88.57	88.42	88.33	88.01	87.69	87.40	87.03	86.55
25	90.21	89.52	88.88	88.56	88.52	88.40	88.30	87.93	87.66	87.43	86.95	86.47
Eom	90.04	89.43	88.79	88.53	88.46	88.38	88.25	87.85	87.65	87.45	86.87	86.36

1962												
5	+86.28	+85.82	+85.44	+85.08	+84.89	+84.63	+89.85	+90.15	+91.65	+92.25	+91.05	+90.27
10	86.21	85.75	85.37	85.05	84.85	84.63	90.53	90.33	92.05	92.02	90.86	90.18
15	86.14	85.67	85.30	85.02	84.80	84.75	90.68	90.78	92.08	91.65	90.74	89.98
20	86.05	85.61	85.23	84.99	84.76	85.32	90.57	91.15	91.89	91.67	90.64	89.85
25	85.98	85.55	85.17	84.96	84.72	87.98	90.41	91.31	92.06	91.47	90.50	89.70
Eom	85.89	85.50	85.11	84.93	84.67	88.89	90.25	91.28	92.27	91.26	90.40	89.54

1963												
5	+89.38	+88.62	+89.05	+89.20	+88.45	+88.17	+88.35	+88.15	+87.74	+87.66	+87.75	+87.40
10	89.25	88.50	89.45	89.10	88.35	88.24	88.54	88.05	87.72	88.65	87.68	87.35
15	89.12	88.41	89.58	88.97	88.20	88.25	88.58	87.93	87.69	88.10	87.61	87.27
20	89.00	88.49	89.56	88.85	88.10	88.18	88.51	87.83	87.64	88.67	87.57	87.19
25	88.86	88.58	89.40	88.72	88.00	88.10	88.37	87.78	87.60	88.61	87.54	87.12
Eom	88.73	88.69	89.26	88.57	88.04	88.07	88.25	87.80	87.67	87.64	87.47	87.03

272507N0811209.1. Local number 11A. U. S. Geol. Survey. On U. S. Highway 98, 2.6 mi northwest of Istokpoga Canal. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23, T. 35 S., R. 31 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 10 ft, cased to 8, gravel-packed 8-10. Lsd 49.02 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 49.04 above msl, Sept. 10, 1960; lowest 43.57 above msl, June 8, 1962. Records available: 1956-63.

272507N0811209. 1--Continued.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+46.70	+46.67	+46.93	+47.36	+46.33	+47.25	+48.25	+47.57	+48.34	+47.30	+47.36	+46.90
10	46.42	46.96	47.06	46.90	46.09	47.89	48.45	47.99	48.30	47.98	47.13	46.82
15	46.19	46.62	46.85	47.16	46.57	48.20	48.37	47.48	48.39	47.56	47.00	46.66
20	46.05	46.42	48.35	46.89	46.85	48.65	47.80	47.06	48.30	48.47	47.32	46.78
25	46.57	46.17	47.86	46.94	46.96	48.19	47.45	48.14	48.01	48.35	47.63	47.68
Eom	46.64	.....	47.43	46.61	47.67	47.70	47.10	48.17	47.77	47.78	47.16	47.51

1960

5	+47.20	+47.94	+47.80	+47.95	+46.69	+46.17	+45.76	+47.50	+48.13	+47.92	+47.77	+46.54
10	46.93	47.72	47.28	47.19	46.33	45.88	46.46	48.22	49.04	48.30	47.31	46.42
15	46.81	47.95	47.27	46.90	46.06	45.49	46.18	47.92	48.46	48.01	47.13	46.50
20	46.62	47.64	48.25	46.84	45.83	45.51	46.42	47.27	48.32	47.88	46.95	46.60
25	46.47	47.93	47.77	47.17	45.55	46.30	46.36	48.12	48.63	47.44	46.84	46.41
Eom	46.82	47.77	47.74	46.83	45.64	46.08	47.37	47.80	48.28	47.74	46.74	46.32

1961

5	+46.16	+47.63	+46.56	+47.27	+46.52	+46.52	+45.22	+46.40	+47.62	+46.06	+45.41	+44.90
10	46.75	47.65	46.35	47.56	46.66	46.21	45.42	46.73	47.19	45.87	45.62	44.82
15	47.97	47.16	47.54	47.16	46.25	45.90	45.38	46.83	46.71	45.96	45.34	44.75
20	47.58	46.98	47.98	46.74	45.84	45.72	45.93	47.46	46.63	45.90	45.20	44.70
25	47.25	46.86	47.35	46.48	45.60	45.46	45.92	47.25	46.54	45.67	45.12	44.60
Eom	47.09	46.70	46.86	46.20	47.11	45.38	45.72	47.70	46.34	45.52	45.00	44.48

1962

5	+44.43	+44.26	+44.20	+44.73	+44.10	+43.61	+46.74	+46.43	.....	+47.68	+46.61	+46.78
10	44.45	44.35	44.11	44.72	44.00	43.90	46.89	.....	.....	.....	47.67	46.68
15	44.40	44.45	44.07	44.62	43.90	44.57	46.63	47.40	.....	.....	47.30	46.52
20	44.38	44.40	44.02	44.47	43.85	44.95	46.31	47.50	+48.23	47.03	47.07	46.48
25	44.35	44.31	44.11	44.30	43.80	45.83	46.10	.....	48.36	46.98	47.13	46.42
Eom	44.32	44.27	44.73	44.17	43.71	46.06	45.75	.....	47.95	46.77	46.90	46.37

1963

5	+46.23	+46.22	+47.89	+46.45	+46.37	+46.47	+45.49	+44.88	+45.48	+46.23	+45.14	+45.82
10	46.30	46.03	47.67	46.20	46.07	46.81	45.18	44.77	45.21	45.87	45.97	45.68
15	46.32	46.84	47.77	45.97	45.60	46.25	45.07	45.02	44.99	45.72	46.47	45.59
20	46.24	47.54	47.28	45.75	45.31	46.06	44.98	45.18	45.26	45.53	46.29	46.17
25	46.23	47.30	46.80	45.55	45.24	45.71	45.26	45.96	46.40	45.35	46.13	46.13
Eom	46.15	47.81	46.57	45.47	46.27	45.92	45.13	45.80	46.66	45.14	45.97	46.50

271410N0805944. 1. Local number 13. U. S. Geol. Survey. On Florida Highway 70, 0.5 mi west of Kissimmee River bridge. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 37 S., R. 33 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 20 ft, cased to 16, gravel-packed 11-20. Lsd 29.00 ft above msl. MP top of casing, 4.03 ft above lsd. Highest water level 29.40 above msl, Oct. 2, 1951; lowest 20.23 above msl, Mar. 25, 1962. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+25.41	+25.13	+24.90	+26.55	+25.93	+26.59	+28.33	+28.09	+28.87	+26.90	+27.17	+26.42
10	25.20	24.95	24.70	26.22	25.74	26.87	28.80	28.02	28.60	26.59	26.97	26.27
15	25.00	24.73	24.45	26.08	26.25	26.62	27.48	27.05	28.12	26.78	26.77	26.16
20	24.88	24.52	27.05	26.05	26.96	29.03	26.93	27.26	28.35	29.06	26.80	26.14
25	25.26	24.40	26.87	26.58	26.70	28.91	26.97	28.48	27.68	28.82	27.62	26.70
Eom	25.37	24.38	26.43	26.24	27.15	27.92	26.93	28.50	27.17	27.93	26.62	26.40

1960

5	+26.47	+27.43	+26.90	+26.83	+26.22	+25.86	+28.76	+28.27	+28.38	+27.51	+27.00	+25.73
10	26.07	27.05	26.28	26.17	26.10	25.60	27.24	27.95	29.00	28.75	26.57	25.63
15	25.94	27.60	26.07	25.95	25.75	25.15	27.46	28.10	27.75	28.30	26.41	25.68
20	25.81	27.31	28.61	25.95	25.55	27.25	28.54	26.86	27.86	28.23	26.21	25.65
25	25.66	27.53	27.02	26.12	25.31	28.05	27.93	28.35	28.93	27.17	26.05	25.74
Eom	25.75	26.98	26.49	26.28	25.47	26.84	28.56	28.25	28.70	27.75	25.91	25.45

1961

5	+25.30	+25.30	+24.75	+24.50	+24.03	+24.52	+23.82	+24.39	+25.73	+23.53	+22.51	+21.78
10	25.69	25.21	24.61	24.42	23.89	24.28	24.30	24.07	e25.35	23.35	22.38	21.67
15	26.33	25.08	24.59	24.34	23.77	23.95	24.70	23.80	e25.00	23.18	22.23	21.60
20	25.98	25.01	25.07	24.25	23.72	23.69	24.70	24.27	e24.64	23.02	22.10	21.50
25	25.66	24.90	24.84	24.17	23.67	23.66	24.66	25.10	e24.28	22.83	21.98	21.45
Eom	25.42	24.83	24.50	24.06	24.56	23.64	24.78	25.73	e23.94	22.65	21.87	21.30

e Estimated.

271410N0805944. 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+21.15	+20.74	+20.42	+20.57	+20.57	+21.31	+25.73	+26.98	+26.27	+27.17	+24.53	+23.95
10	21.10	20.67	20.37	20.59	21.32	21.18	25.45	.....	27.32	26.78	25.43	23.83
15	21.04	20.60	20.32	20.61	21.54	21.28	27.23	27.26	26.36	25.76	25.15	23.66
20	20.95	20.55	20.27	20.61	21.56	22.25	27.87	26.45	26.75	25.88	24.65	23.53
25	20.88	20.50	20.23	20.57	21.54	25.05	26.48	26.43	27.29	25.08	24.35	23.40
Eom	20.79	20.48	20.50	20.52	21.42	25.66	27.20	27.20	26.61	24.77	24.12	23.26

1963												
5	+23.08	+23.27	+24.62	+23.81	+24.16	+23.58	+25.28	+24.24	+23.82	+25.09	+24.14	+23.95
10	23.13	23.27	24.70	23.73	24.03	23.50	24.94	23.98	23.96	25.16	24.07	23.84
15	23.19	23.38	24.48	23.63	23.83	23.57	24.69	23.83	23.89	24.05	25.07	23.80
20	23.15	23.57	24.25	23.55	23.69	24.08	24.46	23.98	24.77	24.07	24.55	24.14
25	23.17	23.60	24.05	23.51	23.70	23.91	24.24	23.84	25.85	24.47	24.21	23.98
Eom	23.22	24.56	23.93	23.46	23.70	24.52	24.27	23.72	25.51	24.56	24.06	24.29

271225N0811943. 1. Local number 14. U. S. Geol. Survey. On Florida Highway 25, 0.1 mi south of Florida Highway 70. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, T. 38 S., R. 30 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 35 ft, cased to 29, gravel-packed 25-35. Lsd 136.00 ft above msl. MP top of casing, 3.31 ft above lsd. Highest water level 127.56 above msl, Oct. 10, 1953; lowest 114.50 above msl, July 1, 1951. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+119.66	+119.25	+119.07	+120.27	+119.81	+119.36	+120.31	+122.89	+123.46	+123.25	+124.12	+123.25
10	119.57	119.18	119.07	120.20	119.72	119.30	121.92	123.30	123.58	123.17	123.95	123.11
15	119.51	119.11	119.00	120.11	119.63	119.23	122.92	123.54	123.54	123.07	123.80	122.97
20	119.44	119.06	119.41	120.06	119.54	120.02	122.70	123.46	123.63	124.42	123.65	122.85
25	119.37	118.98	120.20	119.95	119.46	120.22	122.60	123.30	123.63	124.59	123.53	122.77
Eom	119.30	118.96	120.28	119.90	119.42	120.23	122.50	123.15	123.45	124.31	123.36	122.63

1960												
5	+122.52	+121.93	+121.73	+122.36	+122.19	+121.69	+121.80	+123.74	+124.96	+125.94	+125.63	+124.54
10	122.38	122.08	121.68	122.23	122.18	121.63	121.72	124.45	125.67	126.47	125.45	124.37
15	122.28	121.90	121.62	122.12	122.05	121.54	121.89	124.40	126.48	126.52	125.28	124.21
20	122.15	121.82	122.63	122.22	121.95	121.69	122.15	124.21	126.16	126.40	125.09	124.03
25	122.03	121.85	122.78	122.31	121.85	121.90	122.31	124.73	125.98	126.12	124.92	123.87
Eom	121.92	121.78	122.53	122.17	121.73	121.90	123.35	125.17	126.18	125.82	124.73	123.70

1961												
5	+123.50	+123.02	+122.36	+122.01	+121.43	+121.04	+120.70	+120.39	+120.55	+120.08	+119.67	+119.18
10	123.36	122.90	122.25	121.94	121.33	120.96	120.75	120.31	120.53	120.03	119.59	119.10
15	123.62	122.79	122.15	121.86	121.23	120.88	120.67	120.25	120.45	119.97	119.52	119.02
20	123.54	122.67	122.08	121.75	121.13	120.80	120.60	120.19	120.35	119.90	119.43	118.95
25	123.29	122.56	122.03	121.65	121.02	120.73	120.53	120.12	120.24	119.83	119.35	118.87
Eom	123.13	122.48	121.94	121.54	121.04	120.67	120.47	120.50	120.15	119.74	119.27	118.76

1962												
5	+118.67	+118.21	+117.78	+117.31	+116.91	+116.65	+120.43	+121.18	+123.25	+124.39	+123.30	+122.77
10	118.60	118.14	117.70	117.25	116.88	116.78	120.56	121.65	123.53	124.20	123.42	122.63
15	118.53	118.05	117.63	117.17	116.84	117.45	120.76	121.87	123.64	124.00	123.42	122.49
20	118.45	117.97	117.55	117.10	116.80	118.12	121.06	122.42	123.46	123.83	123.16	122.35
25	118.38	117.90	117.48	117.04	116.75	119.40	121.14	122.55	124.80	123.65	123.02	122.22
Eom	118.28	117.86	117.40	116.97	116.69	119.89	121.12	123.08	124.65	123.48	123.91	122.07

1963												
5	+121.93	+121.20	+121.71	+120.90	+120.25	+119.72	+119.35	+119.85	+119.86	+120.65	+120.08	+119.87
10	121.81	121.10	121.63	120.80	120.15	119.67	119.27	119.70	119.80	120.70	120.05	119.79
15	121.68	121.00	121.41	120.68	120.06	119.62	119.20	119.85	119.67	120.61	120.23	119.71
20	121.56	121.03	121.29	120.57	119.97	119.56	119.48	119.91	119.60	120.46	120.20	119.63
25	121.43	121.16	121.15	120.46	119.87	119.49	119.56	119.87	119.99	120.33	120.07	119.55
Eom	121.30	121.47	121.02	120.34	119.78	119.43	119.89	119.87	120.58	120.18	119.95	119.47

270159N0812034. 1. Local number 15. U. S. Geol. Survey. On Florida Highway 25, 0.1 mi north of Highlands-Glades County line. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32, T. 39 S., R. 30 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 23 ft, cased to 19, gravel-packed 18-23. Lsd 58.50 ft above msl. MP top of casing, 3.52 ft above lsd. Highest water level 58.42 above msl, July 27, Aug. 24, 1957; lowest 53.49 above msl, June 27, 1956. Records available: 1948-63.

270159N0812034.1--Continued.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+56.43	+56.31	+56.37	+56.29	+55.37	+56.04	+57.35	+58.10	+58.16	+56.28	+56.40	+56.12
10	56.13	56.52	56.27	56.05	55.15	57.82	57.98	58.10	58.19	57.75	56.30	56.06
15	55.95	56.11	56.00	56.33	55.13	57.33	57.47	56.96	58.10	57.39	56.22	56.02
20	56.15	56.02	58.22	56.10	55.85	58.21	56.45	56.39	58.07	58.32	56.17	55.98
25	56.95	55.80	57.20	55.87	55.68	56.90	56.43	56.66	57.49	58.06	57.00	57.63
Eom	56.45	56.72	56.57	55.62	56.38	e56.54	57.35	57.33	56.48	56.77	56.26	56.53

1960

5	+56.35	+58.10	+56.63	+56.38	+57.86	+58.08	+57.15	+57.65	+58.13	+56.92	+56.73	+55.89
10	56.23	56.90	56.38	56.20	57.03	56.52	57.56	57.43	58.33	57.86	56.33	55.82
15	56.11	57.37	56.45	55.99	56.28	56.11	57.21	57.41	57.90	57.61	56.26	56.46
20	56.11	56.93	57.97	57.48	56.16	58.15	58.23	56.26	57.11	57.60	56.18	56.15
25	55.93	57.49	56.75	57.12	55.80	56.88	58.15	58.13	58.27	56.55	56.07	56.10
Eom	56.48	57.20	56.59	57.14	56.65	57.30	58.18	57.51	58.00	57.38	56.02	55.96

1961

5	+55.82	+56.68	+55.81	+56.30	+55.37	+56.02	+55.47	+56.87	+56.83	+55.83	+55.14	+54.68
10	56.72	56.60	55.60	56.34	55.38	55.93	55.17	e56.48	56.85	55.62	55.09	54.62
15	57.70	56.27	56.02	56.40	55.15	55.58	55.10	56.68	56.75	55.80	54.97	54.57
20	56.73	56.18	57.75	55.98	54.95	55.36	56.78	56.46	56.27	55.56	54.88	54.52
25	56.38	56.08	56.50	55.70	54.80	55.67	56.19	57.75	56.05	55.38	54.82	54.48
Eom	56.27	55.97	56.95	55.45	56.70	55.75	56.03	58.02	56.10	55.27	54.75	54.45

1962

5	+54.41	+54.25	+54.02	+55.29	+54.78	+55.22	+57.13	+56.15	+56.81	+56.57	+55.93	+56.30
10	54.42	54.22	53.95	55.50	54.94	56.06	57.59	56.96	58.03	56.82	58.02	56.49
15	54.39	54.19	54.15	55.15	55.21	56.81	56.79	56.40	57.80	56.24	56.75	56.22
20	54.37	54.15	54.14	54.94	54.96	58.18	56.60	57.03	58.20	56.07	56.52	56.20
25	54.34	54.10	54.57	54.78	55.25	57.70	56.17	57.18	57.96	55.97	56.37	56.15
Eom	54.29	54.07	55.37	54.63	54.93	58.05	56.11	57.65	57.50	55.98	56.34	56.04

1963

5	+55.90	+56.23	+56.83	+55.43	+56.30	+56.90	+55.86	+54.98	+55.50	+56.55	+55.65	+56.32
10	56.39	55.88	56.53	55.34	55.78	56.66	55.55	54.79	55.81	56.30	57.98	56.22
15	56.67	56.30	56.40	55.13	55.42	56.13	56.25	54.65	55.37	56.17	57.00	56.30
20	56.27	57.08	56.13	54.97	55.15	55.95	55.75	54.90	57.10	56.12	56.50	57.15
25	56.17	56.30	55.85	54.80	56.30	55.60	55.46	55.26	58.14	55.95	56.55	56.74
Eom	56.00	57.75	55.69	54.70	56.67	56.50	55.11	55.35	57.10	55.72	56.89	57.74

e Estimated.

Hillsborough County

280704N0823030.1. Local number 13. City of St. Petersburg. NW $\frac{1}{4}$ SE $\frac{1}{4}$ (previously reported SE $\frac{1}{4}$ SE $\frac{1}{4}$) sec. 21, T. 27 S., R. 18 E. Drilled unused artesian well in Floridan aquifer, diam 12 in, depth 347 ft (previously reported 300 ft), cased to 46. Lsd 55.82 ft (previously reported 56.09 ft) above msl. MP top of casing, 1.00 ft above lsd. Highest water level 4.92 below lsd, Sept. 23, 1947; lowest 15.51 below lsd, Apr. 27, 1963. Records available: 1930-35, 1937, 1939-41, 1944-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.61	7.61	7.99	6.93	8.29	7.45	7.47	....	6.92	8.07	7.65	8.18
10	7.64	7.70	8.00	7.42	8.82	7.86	e7.3	....	6.97	7.53	7.99	8.19
15	7.70	8.10	7.90	8.07	8.57	7.95	....	6.50	6.68	7.36	8.23	8.38
20	7.77	8.33	6.74	7.77	8.13	e7.40	....	6.50	6.87	7.12	8.52	8.37
25	7.51	8.43	6.82	7.48	e7.2	7.49	....	7.04	7.22	6.84	8.27	8.12
Eom	7.49	8.40	6.97	7.67	e7.2	7.52	e7.7	7.23	7.69	e7.27	8.24	8.16

1960

5	8.05	8.43	....	....	....	....	....	6.34	7.22	7.35	8.25	9.47
10	8.16	....	8.04	....	....	e9.47	....	6.27	6.38	7.37	8.41	9.80
15	8.42	....	....	....	9.05	9.72	....	6.67	6.58	7.43	8.70	9.31
20	8.82	....	....	....	9.70	e9.80	h8.73	7.25	6.71	7.74	9.13	9.11
25	8.94	....	....	....	9.94	9.21	....	7.47	7.14	8.00	9.25	8.90
Eom	8.88	....	....	....	....	....	6.35	7.39	7.11	8.25	9.40	8.95

1961

5	9.15	9.33	9.92	10.33	11.76	11.73	10.23	9.37	10.11	11.65	10.90	10.96
10	9.12	8.83	10.23	10.24	10.89	11.19	10.53	9.55	10.30	12.26	11.86	11.32
15	8.74	8.78	9.73	11.62	10.74	10.09	10.65	9.34	10.29	12.21	10.91	11.31
20	8.77	9.22	9.92	11.09	11.23	9.97	10.03	8.86	10.30	11.83	11.23	10.67
25	8.99	9.49	10.20	11.44	11.90	10.21	9.60	8.45	10.82	10.99	10.93	10.22
Eom	9.18	9.60	10.33	12.92	11.24	10.12	9.21	9.59	11.41	10.72	....	9.95

e Estimated.

h Tape measurement.

280704N0823030.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.72	10.05	10.71	9.97	12.65	11.42	9.01	9.11	7.78	7.57	8.85	9.06
10	9.73	9.97	10.95	9.80	12.32	11.07	9.48	9.04	7.96	7.93	8.63	9.38
15	9.56	10.00	11.11	10.15	12.04	10.29	9.44	8.75	7.51	8.40	8.56	9.64
20	9.65	10.04	10.04	10.55	11.91	9.58	9.49	8.27	7.19	8.90	8.63	9.67
25	9.84	10.48	9.70	11.19	12.39	8.93	9.42	7.77	6.90	8.93	8.78	9.51
Eom	9.95	10.55	9.92	11.92	12.72	9.11	9.41	7.76	7.20	8.96	8.87	9.30
1963												
5	9.34	8.84	10.76	12.78	.....	13.51	12.31	11.36	13.40	13.12	14.37	12.84
10	9.31	8.81	10.84	10.22	.....	13.34	12.31	11.69	13.24	13.42	13.48	13.48
15	9.50	8.75	11.02	13.25	.....	13.45	11.78	9.81	13.62	13.72	12.78	13.51
20	9.42	10.12	11.34	13.70	.....	14.08	11.64	11.68	13.30	13.95	12.77	13.17
25	9.30	11.59	11.88	e15.1	13.89	14.19	10.96	11.31	12.83	14.12	13.00	12.90
Eom	9.06	11.18	12.30	.....	13.24	13.03	11.12	11.58	12.90	14.60	10.58	12.66

e Estimated.

274456N0822525.1. Local number 30. C. L. Council. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32, T. 31 S., R. 19 E. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 500 ft, cased to 34. Lsd 6.82 ft above msl. MP top of 6-in cross, at lsd. Highest water level 13.02 above lsd, Sept. 6, 1950; lowest 0.85 above lsd, May 21, 1963. Records available: 1950-63.

Highest water level for the day, above lsd, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.73	+8.29	+8.08	+8.86	+5.36	+8.60	+9.13	+9.48	+9.53	+8.65	+8.42	+7.38
10	8.43	6.94	7.68	6.97	5.28	8.48	8.94	9.60	9.68	8.99	8.26	7.64
15	8.37	6.51	8.22	6.64	7.52	8.59	9.17	9.57	10.10	9.23	7.88	7.81
20	7.60	6.67	8.71	8.28	7.86	9.13	9.43	9.60	9.75	9.50	7.30	8.03
25	8.48	5.60	8.69	7.81	8.49	8.86	9.14	9.61	9.47	9.93	8.25	8.13
Eom	8.72	7.62	8.61	6.60	8.70	8.88	9.10	9.76	8.82	9.03	7.78	8.44
1960												
5	+8.60	+8.58	+7.62	+8.37	e7.75	+4.90	+5.38	+8.49	+8.81	+8.72	+8.12	+4.99
10	7.99	8.58	7.84	6.49	7.91	4.16	5.47	8.59	9.48	8.82	7.24	4.15
15	7.19	8.56	8.54	5.88	6.17	4.25	5.80	8.56	9.50	8.92	7.09	4.18
20	6.75	7.43	8.74	6.53	4.59	4.12	6.04	8.44	9.26	8.63	7.15	4.44
25	4.91	8.45	8.60	8.05	3.71	5.10	7.85	8.35	9.22	8.31	6.35	4.45
Eom	7.69	8.45	8.38	8.08	4.37	5.24	8.69	8.50	9.28	8.16	6.12	4.97
1961												
5	+3.94	+5.14	+4.46	+5.31	+2.98	+2.68	+4.13	+6.18	+7.08	+6.37	+3.74	+3.77
10	4.56	5.71	3.55	5.96	3.01	3.80	4.04	6.39	7.33	4.84	4.12	3.01
15	5.53	5.63	5.06	5.84	2.62	e3.75	4.08	6.53	7.29	5.34	4.16	2.93
20	5.19	4.87	5.85	4.59	1.84	3.81	4.47	7.06	7.55	4.63	4.24	4.10
25	4.78	4.80	4.58	4.20	e1.68	3.53	4.61	7.10	6.88	4.6	4.90	4.34
Eom	4.40	4.57	5.08	2.47	2.88	4.02	6.88	7.05	6.55	4.87	3.83	3.90
1962												
5	+4.62	+4.52	+4.67	+5.63	+3.98	+4.14	+6.49	+6.95	+7.60	+7.80	+6.89	+6.62
10	4.82	4.79	3.89	6.34	2.82	4.92	5.92	7.19	7.70	7.50	7.31	6.15
15	4.70	4.56	5.03	5.45	2.64	5.47	6.55	7.17	7.68	7.15	6.81	4.45
20	5.05	5.28	5.44	4.61	2.71	5.68	6.41	7.20	7.84	5.90	7.19	4.97
25	4.88	3.68	5.90	4.10	1.84	6.08	6.32	7.50	8.10	6.24	7.01	4.96
Eom	3.87	3.78	5.70	4.02	3.39	6.21	6.64	7.64	7.88	6.59	6.77	4.96
1963												
5	+4.20	+5.86	+7.07	+3.39	+3.14	+3.52	+6.08	+6.91	+6.93	+7.22	+5.34	+5.77
10	5.67	6.16	6.96	4.30	1.16	4.10	6.20	6.84	7.10	6.70	6.27	5.85
15	5.89	6.07	6.56	3.66	1.49	4.22	6.33	6.70	6.91	6.30	5.73	5.79
20	5.90	6.74	5.99	1.68	1.30	3.37	6.72	7.26	7.38	5.83	6.54	5.34
25	4.76	6.56	3.90	....	1.55	4.34	6.84	7.30	7.13	5.72	6.22	5.74
Eom	5.56	6.41	3.36	....	3.56	5.75	6.80	7.11	7.79	4.38	6.49	6.68

e Estimated.

274243N0821906.1. Local number 500. Paul Carter. Wimauma. NW $\frac{1}{4}$ S $\frac{1}{2}$ W $\frac{1}{4}$ (previously reported SW $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 9, T. 32 S., R. 20 E. Drilled unused artesian well in Floridan aquifer, diam 6 in, depth 330 ft, cased to 97. Lsd 87.85 ft above msl. MP top of casing, at lsd. Highest water level 48.25 below lsd, Jan. 11, 1954; lowest 61.40 below lsd, Dec. 19, 1961. Records available: 1951-63. Recorder removed Jan. 10, 1962.

274243N0821906. 1--Continued.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	51.42	50.49	53.10	51.10	52.87	51.88	.....	49.46	e48.83	e49.14	49.37	e50.30
10	51.15	51.14	52.62	50.94	53.97	51.79	e50.45	e49.35	e48.65	49.39	49.75	50.97
15	50.79	52.05	52.42	51.52	54.32	e51.60	e50.13	e49.31	48.46	49.33	50.08	51.02
20	51.07	52.79	51.86	51.82	53.78	e51.35	e49.96	e49.14	e48.62	e49.28	50.57	51.02
25	50.87	53.48	e51.60	51.84	53.12	51.14	e49.85	e49.05	48.53	49.01	50.70	50.85
Eom	e50.78	53.63	.....	51.98	e52.35	e51.20	e49.62	e48.77	e48.77	49.13	50.96	50.60

1960

5	e50.57	52.79	51.42	51.05	52.38	55.83	53.90	51.67	50.45	.....	50.54	53.73
10	e50.57	52.08	51.36	51.26	52.39	55.65	53.50	51.35	49.49	.....	50.71	54.52
15	50.90	51.87	51.37	52.24	52.72	55.64	53.13	51.05	.....	.....	50.96	54.95
20	51.77	.....	51.32	53.02	53.84	55.64	52.89	50.90	.....	.....	51.59	55.15
25	52.80	51.49	50.99	52.96	55.28	55.10	52.44	50.80	.....	.....	52.03	54.77
Eom	53.30	51.56	50.93	52.46	56.24	54.48	51.89	50.67	.....	.....	52.74	54.21

1961

5	54.48	54.27	55.08	55.85	.....	.....	55.70	53.94	52.30	52.25	56.81	59.40
10	54.68	53.80	55.73	55.82	.....	.....	55.34	53.88	52.16	53.10	57.52	60.18
15	54.26	53.52	56.18	55.55	.....	.....	55.20	53.70	51.95	53.96	57.75	60.80
20	53.87	53.86	55.63	55.60	.....	.....	54.92	53.22	51.68	54.50	58.15	61.03
25	54.00	54.33	55.27	56.27	.....	56.62	54.59	53.05	51.61	55.15	58.88	60.01
Eom	54.19	54.69	55.54	57.80	.....	56.15	54.18	52.64	51.88	56.00	58.94	58.85

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1962	57.65	Nov. 14, 1962	51.92	May 1, 1963	56.85	Aug. 20, 1963	51.75
Aug. 6	54.59	Jan. 2, 1963	55.42	June 18	54.57	Oct. 21	52.87
Sept. 26	51.76	Mar. 4	53.29				

Holmes County

304322N0855614. 1. Local number 4. Mrs. D. Hughes. Ponce de Leon. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 4 N., R. 17 W. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, reported depth 187 ft. Lsd 62.18 ft (previously reported 64 ft) above msl. MP top of 6- by 4-in reducing tee, 1.50 ft above lsd. Highest water level 5.72 above lsd, Nov. 30, 1948; lowest 1.00 above lsd, Jan. 11, 1955. Records available: 1938, 1947-63.

Feb. 6, 1959	+3.30	May 12, 1960	+4.92	June 9, 1961	+3.10	Aug. 2, 1962	+2.70
Mar. 20	4.70	July 2	3.48	July 12	3.30	Sept. 19	2.15
May 8	3.51	Aug. 12	3.00	Sept. 1	5.30	Nov. 9	1.90
June 19	4.60	Sept. 23	3.10	Oct. 19	2.70	Jan. 9, 1963	2.08
Aug. 21	4.10	Nov. 11	2.40	Nov. 30	2.70	Mar. 6	3.50
Sept. 25	4.10	Dec. 16	2.90	Jan. 11, 1962	5.00	Apr. 24	2.70
Nov. 6	5.50	Jan. 13, 1961	2.80	Mar. 2	4.70	June 19	2.80
Dec. 18	4.80	Mar. 10	3.35	Apr. 19	4.80	Aug. 26	3.90
Jan. 29, 1960	4.70	Apr. 19	4.70	June 4	3.60	Oct. 25	3.60
Mar. 25	4.90						

305828N0853509. 1. Local number 7. A. C. Bush. Formerly Charles McAllister. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, T. 7 N., R. 14 W. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 205 ft, cased to 170. Lsd 174.28 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 8.09 below lsd, Apr. 12, 1949; lowest 16.32 below lsd, Dec. 19, 1955. Records available: 1938, 1947-63.

Feb. 6, 1959	13.15	Mar. 30, 1960	10.80	June 9, 1961	9.94	Aug. 2, 1962	13.30
Mar. 20	12.24	May 12	10.91	July 12	12.48	Sept. 19	13.60
May 8	13.74	July 2	11.36	Sept. 1	12.58	Nov. 9	13.79
June 19	11.74	Aug. 12	12.14	Oct. 20	13.35	Jan. 9, 1963	13.75
Aug. 21	12.20	Sept. 23	12.90	Nov. 30	13.66	Mar. 6	12.93
Sept. 25	12.76	Nov. 11	13.23	Jan. 11, 1962	12.66	Apr. 24	13.47
Nov. 6	11.85	Dec. 16	13.42	Mar. 2	12.02	June 18	13.35
Dec. 18	11.79	Jan. 13, 1961	13.20	Apr. 19	11.62	Aug. 26	13.38
Jan. 29, 1960	12.50	Mar. 10	12.63	June 4	12.45	Oct. 25	13.76
Mar. 25	11.00	Apr. 19	11.99				

Indian River County

273924N0804718.1. Local number 25. U. S. Geol. Survey. On Florida Highway 60, 8 mi east of Yeehaw Junction. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 32 S., R. 35 E. Jetted observation water-table well in sand of Pleistocene age, diam 6 in, depth 19 ft, cased to 13, gravel-packed 11-19. Lsd 30.00 ft above msl. MP top of casing, 2.21 ft above lsd. Highest water level 31.46 above msl, Oct. 18, 1950; lowest 25.34 above msl, Apr. 24-25, 1956. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+27.95	+28.25	+28.23	+29.01	+27.98	+28.65	+29.97	+29.01	+29.87	+28.65	+28.89	+28.16
10	27.79	28.15	28.34	28.63	27.69	28.72	30.11	29.59	29.30	29.25	28.65	28.04
15	27.60	27.87	28.07	28.85	27.63	28.42	29.65	29.47	29.40	28.98	28.41	27.94
20	27.59	27.75	30.89	29.00	29.04	30.74	30.28	28.90	30.12	30.69	28.69	27.88
25	28.58	27.60	29.55	28.71	28.69	29.76	29.34	28.73	29.33	29.90	28.87	28.21
Eom	28.37	28.24	29.05	28.28	29.00	29.03	29.55	29.21	28.97	29.48	28.35	28.06

1960

5	+27.86	+28.93	+28.25	+28.70	+27.53	+27.92	+30.60	+29.45	+29.98	+29.25	+28.55	+27.48
10	27.74	28.61	28.02	28.31	27.30	27.77	29.50	29.87	30.23	29.23	28.18	27.39
15	27.65	28.68	28.89	27.99	27.05	27.38	29.20	28.97	29.41	29.21	28.15	27.55
20	27.54	28.41	30.36	27.76	26.86	28.62	29.78	28.35	29.16	28.75	27.91	27.40
25	27.45	28.84	29.20	27.89	26.64	29.05	30.45	29.11	30.72	28.45	27.75	27.34
Eom	27.55	28.57	28.97	27.78	27.97	28.52	29.97	29.42	30.16	28.92	27.63	27.25

1961

5	+27.17	+27.78	+27.25	+27.67	+27.45	+27.31	+28.02	+27.98	+28.37	+27.12	+26.80	+26.28
10	27.40	27.74	27.11	28.83	27.37	27.38	27.83	27.77	28.31	26.97	26.77	26.20
15	28.28	27.60	27.17	28.36	27.21	27.81	27.79	27.55	27.88	27.07	26.67	26.12
20	28.02	27.54	28.17	27.95	26.98	27.76	28.64	28.63	27.91	26.90	26.52	26.04
25	27.85	27.43	27.80	27.67	26.75	28.00	28.33	28.26	27.59	26.78	26.47	25.97
Eom	27.76	27.38	27.51	27.42	27.63	27.98	28.24	28.94	27.38	26.91	26.38	25.92

1962

5	+25.85	+25.74	+25.78	+26.74	+26.60	+26.12	+27.92	+27.62	+29.88	+29.26	+27.43	+27.15
10	25.84	25.74	25.64	26.85	26.85	27.33	29.23	28.25	29.10	28.68	28.68	27.60
15	25.85	25.90	25.57	26.66	26.93	27.59	29.11	27.96	28.90	28.39	28.24	27.50
20	25.80	25.99	25.50	26.45	26.59	28.46	28.40	28.95	29.40	28.06	27.98	27.42
25	25.77	25.92	26.27	26.22	26.36	28.44	27.96	29.09	29.78	27.82	27.93	27.40
Eom	25.75	25.82	26.81	26.08	26.08	28.39	27.75	29.85	29.05	27.59	27.80	27.32

1963

5	+27.21	+27.39	+28.63	+27.33	+26.62	+26.66	+27.05	+27.24	+26.91	+29.27	+28.52	+28.47
10	27.22	27.30	28.72	27.07	26.36	26.74	26.70	26.81	26.71	29.08	29.81	28.25
15	27.30	28.20	28.70	26.85	26.18	26.54	27.05	26.57	26.55	29.61	29.29	28.18
20	27.22	28.74	28.19	26.63	25.97	26.36	27.15	26.39	26.98	29.20	28.95	28.68
25	27.35	28.35	27.87	26.42	26.08	26.15	26.99	27.69	30.99	28.55	28.87	28.80
Eom	27.38	29.02	27.58	26.25	26.58	27.38	26.61	27.17	29.37	28.20	28.68	29.25

Jackson County

304230N0845323.1. Local number 23. Florida State Hospital. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 4 N., R. 7 W. Drilled irrigation artesian well in Floridan aquifer, diam 12 in, depth 475 ft, cased to 100. Lsd 94.63 ft above msl. MP 1-in hole in pumpbase, 2.42 ft above lsd. Highest water level 19.37 below lsd, June 19, 1959; lowest 43.76 below lsd, Nov. 2, 1951. Records available: 1950-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 6, 1959	25.26	May 12, 1960	24.87	June 9, 1961	31.38	Aug. 3, 1962	26.53
Mar. 20	20.38	July 2	25.20	July 10	33.55	Sept. 21	26.93
May 8	24.21	Aug. 12	29.13	Sept. 1	29.18	Nov. 6	27.97
June 19	19.37	Sept. 23	28.42	Oct. 20	29.88	Jan. 11, 1963	25.66
Aug. 21	27.25	Nov. 11	25.41	Dec. 1	27.00	Mar. 8	24.78
Nov. 6	25.10	Dec. 16	26.07	Jan. 12, 1962	24.51	Apr. 23	25.43
Dec. 18	27.97	Jan. 13, 1961	26.36	Mar. 3	22.68	June 18	26.60
Jan. 29, 1960	23.84	Mar. 10	27.28	Apr. 20	20.78	Aug. 26	26.47
Mar. 25	22.22	Apr. 19	23.87	June 4	25.20	Oct. 25	27.17

Lake County

285758N0813855.1. Local number 18. Maurice Brantley. Altoona. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 31, T. 17 S., R. 27 E. Drilled unused artesian well in Floridan aquifer, diam 6 in reported depth 190 ft. Lsd about 109.57 ft (previously reported 109.4 ft) above msl. MP top of casing, 3.00 ft above lsd. Highest water level 47.94 below lsd, Oct. 31, 1960; lowest 60.28 below lsd, Jan. 24, 1957. Records available: 1936-63.

285758N0813855.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1959	55.20	Apr. 26, 1960	49.51	May 17, 1961	51.82	Aug. 9, 1962	57.75
Mar. 2	55.20	June 13	50.52	July 12	52.85	Sept. 19	57.56
Apr. 21	53.19	Aug. 8	49.87	Aug. 15	53.32	Nov. 7	57.25
June 8	52.89	Sept. 14	49.06	Sept. 25	53.45	Jan. 11, 1963	57.92
July 20	51.60	Oct. 31	47.94	Nov. 13	54.22	Feb. 27	57.79
Sept. 3	51.03	Dec. 1	48.56	Jan. 10, 1962	55.30	Apr. 24	58.03
Oct. 19	50.37	Jan. 5, 1961	49.31	Feb. 12	55.76	June 19	(k)
Dec. 7	50.58	Feb. 20	50.03	Mar. 27	57.55	Aug. 21	57.98
Jan. 11, 1960	51.15	Mar. 9	50.38	May 7	57.32	Oct. 23	57.62
Mar. 1	51.51	Apr. 6	50.71	June 18	57.95	Nov. 20	57.79

k Water level below obstruction.

290027N0813232.1. Local number 20. Margarite E. Wilson. Crows Bluff. Fernandez Grant. T. 17 S., R. 29 E. (previously reported sec. 38). Drilled domestic artesian well in Floridan aquifer, diam 6 in, reported depth 252 ft. Lsd 10.77 ft above msl. MP mark on concrete casing, 2.00 ft above lsd. Highest water level 11.3 above lsd, October 1945; lowest 4.61 above lsd, Sept. 14, 1956. Records available: 1936-63.

Jan. 6, 1959	+8.2	Apr. 26, 1960	+9.8	July 12, 1961	+7.42	Aug. 9, 1962	+6.26
Mar. 2	7.9	June 13	9.0	Aug. 15	7.3	Sept. 19	6.86
Apr. 21	9.1	Aug. 8	10.0	Sept. 25	8.0	Nov. 7	7.02
June 8	8.4	Sept. 14	10.8	Nov. 13	7.7	Jan. 11, 1963	6.64
July 20	9.0	Oct. 31	10.7	Jan. 10, 1962	6.7	Feb. 27	7.13
Sept. 3	8.9	Dec. 1	10.1	Feb. 12	6.62	Apr. 24	5.86
Oct. 19	10.1	Jan. 5, 1961	9.2	Mar. 27	5.93	June 19	5.45
Dec. 7	9.6	Feb. 20	9.2	May 7	5.60	Aug. 21	6.07
Jan. 11, 1960	9.1	Apr. 6	8.7	June 18	5.27	Oct. 24	7.4
Mar. 1	6.8	May 17	7.6				

290950N0813155.1. Local number 22. Earl Little. Astor. Levy Grant. Sec. 37, T. 15 S., R. 28 E. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 254 ft. Lsd 16.65 ft (previously reported 16.5 ft) above msl. MP top of 6-in coupling, 3.50 ft above lsd. Highest water level 0.5 above lsd, October 1945; lowest 3.82 below lsd, June 20, 1963. Records available: 1936-63.

Jan. 7, 1959	-1.16	Apr. 27, 1960	-0.40	July 14, 1961	-2.60	July 23, 1962	-2.77
Mar. 3	1.39	June 14	-1.57	Aug. 15	2.29	Aug. 28	2.13
Apr. 22	1.52	Aug. 9	+0.04	Sept. 26	1.60	Oct. 16	1.90
June 9	1.80	Sept. 15	.36	Nov. 14	2.02	Dec. 12	2.52
July 21	1.58	Nov. 1	+0.23	Jan. 11, 1962	2.73	Feb. 21, 1963	1.93
Sept. 4	1.85	Dec. 2	-.68	Feb. 13	2.81	Apr. 25	3.18
Oct. 20	1.18	Jan. 6, 1961	.84	Mar. 28	3.39	June 20	3.82
Dec. 8	.72	Feb. 21	.78	May 8	3.54	Sept. 12	2.75
Jan. 12, 1960	.89	Apr. 7	1.57	June 19	3.22	Oct. 24	1.96
Mar. 2	.59	May 18	2.10				

Lee County

263802N0814935.1. Local number 246. U. S. Geol. Survey. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 20 T. 44 S., R. 25 E. Drilled observation water-table well in shell marl of Tamiami Formation of Miocene age, diam 8 in, depth 27 ft, cased to 19. Lsd 19.36 ft above msl. MP top of casing, 2.89 ft above lsd. Highest water level 19.75 above msl, Sept. 21, 1962; lowest 9.69 above msl, June 8, 1949. Records available: 1945-63. Affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+17.97	+17.35	+16.98	+17.75	+16.50	+18.48	+19.22	+19.05	+19.23	+18.43	+18.63	+18.17
10	17.56	17.24	16.72	17.30	16.17	18.84	19.17	19.20	19.17	18.54	18.39	18.03
15	17.36	16.90	16.45	16.89	17.56	18.91	19.14	19.02	19.20	18.08	18.23	17.78
20	17.27	16.70	16.85	16.65	19.13	19.50	19.15	18.83	19.05	19.33	17.94	17.65
25	18.33	16.48	18.25	17.32	18.75	19.20	19.11	19.10	18.95	19.18	18.86	18.63
Eom	17.44	17.26	18.28	16.90	18.93	19.18	19.02	19.23	18.56	18.97	18.52	17.80

1960

5	+17.53	+16.90	+17.47	+16.34	+15.75	.....	+15.95	+19.11	+19.19	+18.88	+18.72	+17.09
10	17.27	16.54	17.07	16.05	15.46	.....	16.41	19.11	19.47	18.89	18.44	16.89
15	17.08	16.90	16.94	15.84	15.22	.....	16.43	19.02	19.32	19.10	18.25	17.03
20	16.86	16.60	17.31	15.72	15.02	.....	18.30	18.98	19.08	18.78	17.98	16.68
25	16.63	18.08	16.83	16.07	15.00	.....	18.02	19.06	19.17	18.49	17.63	16.80
Eom	16.90	17.49	16.60	16.04	15.60	.....	19.26	18.99	19.10	19.05	17.37	16.60

263802N0814935. 1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+16.40	+17.22	+16.45	+16.34	+14.84	+15.82	+18.79	+19.13	+19.10	+18.23	+17.19	+16.03
10	17.80	17.30	16.13	16.05	15.17	15.55	18.03	19.25	19.18	17.80	16.87	15.87
15	17.96	17.58	16.36	15.80	15.08	16.41	19.01	19.47	19.05	18.34	16.62	15.72
20	17.68	16.87	15.98	15.50	14.70	16.04	19.03	19.35	19.09	17.87	16.41	15.61
25	16.96	16.73	15.75	15.27	14.49	17.60	19.16	19.21	18.90	17.43	16.50	15.40
Eom	16.48	16.53	15.60	15.04	16.25	17.66	18.99	19.23	18.58	17.25	16.21	15.25
1962												
5	+15.18	+14.49	+14.24	+14.35	+13.45	+14.27	+17.62	+14.75	+18.63	+19.24	+18.44	+18.07
10	15.10	14.72	14.12	14.26	13.33	14.57	15.47	14.65	18.80	19.07	18.94	17.80
15	14.99	14.80	13.99	14.11	13.30	13.78	16.42	17.61	18.49	18.76	18.52	17.50
20	14.90	14.65	13.85	13.90	13.13	15.64	16.16	18.35	19.15	18.45	18.44	17.34
25	14.77	14.40	13.83	13.71	13.05	16.04	14.54	18.73	19.30	18.60	18.20	17.21
Eom	14.60	14.35	14.40	13.57	13.62	18.28	15.32	18.92	19.16	18.74	18.18	17.02
1963												
5	+16.85	.....	.....	.....	.....	+18.23	+18.37	+17.65	+17.65	+18.50	+16.55	.....
10	16.78	.....	.....	.....	.....	17.69	17.91	17.20	16.50	18.03	18.50	.....
15	16.84	+16.63	.....	.....	+15.13	17.35	18.23	17.41	16.41	17.65	17.50	.....
20	.....	17.14	.....	.....	14.82	17.40	18.05	17.65	18.75	17.33	17.21	.....
25	.....	.....	.....	.....	15.97	18.87	17.52	17.10	19.00	17.05	17.08	+16.83
Eom	.....	.....	.....	.....	16.57	18.83	18.45	16.63	18.62	16.70	e16.75	17.20

e Estimated.

263824N0814316. 1. Local number 414. Lee County and City of Fort Myers. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 44 S., R. 26 E. Drilled unused water-table well in limestone of Hawthorn Formation of Early and Middle Miocene age, diam 8 in, depth 94 ft, cased to 60. Lsc 20.80 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 19.85 above msl, June 20, 1959; lowest 11.15 above msl, May 12, 1955. Records available: 1948-63. Affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+18.17	+17.72	+17.58	+18.48	+17.02	+18.11	+19.20	+19.06	+19.34	+17.82	.....	+17.85
10	18.00	17.57	17.46	17.97	16.40	17.76	19.24	19.40	19.05	17.75	.....	17.69
15	17.74	15.50	17.24	17.61	17.44	17.58	19.35	18.95	19.02	.....	.....	17.52
20	17.73	15.65	18.57	17.35	18.66	19.85	19.07	18.83	19.00	.....	+17.24	17.41
25	18.00	15.70	18.57	17.86	18.46	19.37	19.26	18.92	18.80	.....	17.77	17.77
Eom	17.98	17.11	18.79	17.53	18.73	19.00	18.75	18.55	18.22	.....	18.15	17.59
1960												
5	+17.34	+16.66	+17.67	+16.55	+16.94	+16.87	+18.40	+19.17	+19.25	+18.62	+18.71	+14.76
10	17.03	16.71	17.29	16.20	16.54	16.56	18.47	19.12	19.65	18.67	18.26	15.23
15	16.86	17.02	17.15	15.98	16.41	16.32	18.42	18.78	19.20	18.95	15.15	15.92
20	16.67	17.05	17.38	15.96	16.08	17.00	18.91	18.30	19.20	18.68	16.78	16.45
25	16.43	17.68	17.03	17.18	15.86	17.61	18.59	19.17	19.15	18.18	15.55	16.27
Eom	16.54	17.70	16.65	17.18	16.48	17.72	19.53	18.70	19.12	18.05	16.35	16.12
1961												
5	+13.50	+17.39	+14.50	+16.88	+14.63	+16.83	+17.99	+17.81	+18.65	+17.20	.....	+14.15
10	17.07	17.56	12.85	16.84	15.61	16.85	18.29	18.11	18.73	18.24	.....	12.78
15	17.67	15.35	16.28	15.97	15.40	17.37	18.53	18.91	18.52	11.85	+11.81	12.47
20	17.54	16.92	16.47	15.56	15.50	17.08	18.41	18.74	18.69	17.78	13.43	13.04
25	17.13	15.15	13.35	14.57	15.15	17.40	18.22	18.87	18.07	19.58	14.60	14.00
Eom	17.17	14.75	15.00	14.68	17.06	17.95	18.13	18.97	13.50	12.69	14.60	14.07
1962												
5	+13.83	+13.29	+13.18	+15.72	+12.98	+14.82	+18.53	+17.22	+18.80	+18.70	.....	+16.50
10	14.32	14.06	12.58	15.90	12.16	15.10	18.60	18.47	18.80	.....	+18.30	16.80
15	14.70	14.63	13.30	14.99	12.80	16.90	18.27	19.05	18.39	.....	18.07	15.88
20	13.10	13.84	13.73	15.17	11.60	17.29	17.80	18.91	19.08	.....	17.80	12.15
25	13.47	12.32	14.18	15.01	12.12	17.80	17.17	19.01	19.38	.....	17.02	13.70
Eom	13.82	12.73	15.45	14.05	12.54	18.90	17.32	19.22	18.70	.....	15.82	14.78
1963												
5	+14.41	+15.40	+16.78	+15.11	+15.20	+18.72	.....	.....	+17.67	+18.01	+15.32	+16.30
10	13.80	13.36	16.31	14.39	15.58	18.80	.....	.....	18.20	17.50	15.88	16.10
15	15.20	15.22	14.10	13.77	15.74	18.47	.....	+17.45	18.00	16.61	16.96	16.25
20	14.11	16.66	14.00	13.70	15.61	18.01	.....	17.90	18.64	15.97	17.00	16.90
25	12.10	15.60	14.33	13.71	17.26	18.58	.....	17.90	18.97	15.52	16.90	16.99
Eom	12.05	17.12	15.03	13.79	18.40	18.85	.....	17.20	18.53	15.35	16.41	16.70

Leon County

302708N0841630.1. Local number 7. City of Tallahassee. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30 (previously reported NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 31). T. 1 N., R. 1 E. Drilled unobased artesian well in Floridan aquifer, diam 6 in, depth 314 ft, cased to 165. Lsd 186.50 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 148.84 below lsd, Apr. 26, 1948; lowest 170.08 below lsd, June 14, 1955 (previously reported 169.70 below lsd, June 3, 1955). Records available: 1945-63. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	164.39	164.63	162.75	157.57	157.91	156.13	155.62	155.99	156.25	155.29	153.52	154.56
10	e164.5	164.11	160.77	157.58	.....	155.32	155.97	.....	.....	.....	153.60	155.01
15	e164.4	163.72	159.87	157.81	.....	155.05	156.10	.....	.....	.....	153.71	155.24
20	e164.5	.....	158.66	157.75	.....	155.0	155.95	.....	.....	.....	153.84	155.53
25	e164.5	.....	158.12	157.78	.....	155.20	.....	156.25	.....	.....	154.20	155.73
Eom	e164.6	.....	157.68	157.68	156.94	155.51	155.92	156.27	155.00	e153.7	154.51	156.17

1960

5	156.25	157.59	156.15	155.36	154.18	156.00	157.43	157.53	158.06	.....	.....	157.07
10	156.48	157.65	155.81	154.53	154.34	156.47	157.68	157.59	158.23	.....	.....	157.33
15	156.57	157.54	155.58	153.94	154.67	156.74	157.75	.....	158.55	.....	.....	157.43
20	157.00	157.11	155.79	153.83	155.05	156.79	157.54	.....	158.48	.....	.....	157.64
25	157.28	156.90	155.72	153.78	155.35	156.94	157.37	.....	158.48	.....	.....	158.07
Eom	157.41	156.50	155.76	154.03	e155.6	157.25	157.45	157.97	.....	.....	e156.81	158.12

1961

5	158.48	159.48	159.01	159.04	159.73	.....	161.24	161.25	159.74	159.69	16'.41	e162.7
10	158.69	159.50	158.98	159.05	159.67	.....	161.24	161.39	.....	159.88	16'.58	e162.8
15	158.85	159.64	158.85	159.10	159.86	.....	161.21	161.49	.....	e160.1	16'.75	e162.8
20	159.01	159.63	158.82	159.30	160.11	.....	161.08	e161.6	.....	160.38	162.00	e162.9
25	159.20	159.35	159.01	159.30	160.27	.....	e161.1	161.67	.....	160.84	162.27	162.91
Eom	159.33	e159.5	158.85	159.52	160.48	e161.2	161.16	161.10	159.45	161.00	162.53	162.91

1962

5	163.14	163.72	163.93	161.59	160.80	162.60	163.40	164.20	164.24	163.97	164.80	165.04
10	163.26	163.81	163.94	160.64	161.09	162.80	163.63	164.03	164.30	164.09	164.80	165.10
15	163.43	164.01	163.94	160.24	161.43	162.81	163.93	164.13	164.30	164.13	164.93	165.11
20	163.50	164.06	163.81	160.20	161.71	163.04	164.02	164.05	164.31	164.30	164.93	165.14
25	163.63	164.10	163.70	160.34	162.10	163.14	164.13	164.03	164.17	164.57	165.09	165.11
Eom	163.69	164.04	163.75	160.50	162.43	163.27	164.20	164.18	164.00	164.44	165.11	165.10

1963

5	165.11	e163.8	162.66	162.70	163.73	164.82	164.80	164.44	163.96	164.32	165.01	165.78
10	165.11	e163.8	162.54	162.63	163.98	164.84	164.71	164.43	164.00	164.43	165.17	165.92
15	164.70	e163.6	162.50	162.95	164.10	165.07	164.82	164.24	164.20	164.52	165.43	165.92
20	164.10	e163.5	162.25	163.12	164.20	165.10	164.89	164.10	164.34	164.69	165.50	165.88
25	e163.4	163.21	162.45	163.40	164.39	165.15	164.82	163.98	164.49	164.86	165.57	165.89
Eom	e163.7	163.00	160.90	163.55	164.55	164.89	164.55	163.87	164.39	165.01	165.68	165.86

e Estimated.

303728N0841012.1. Local number 36A. U.S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 3 N., R. 2 E. Drilled observation water-table well in sandy clay of Hawthorn Formation of Early and Middle Miocene age, diam 1 $\frac{1}{2}$ in, depth 41 ft, cased to 38, screened 38-41. Lsd 102.12 ft above msl. MP top of 1 $\frac{1}{2}$ -in pipe, 3.85 ft above lsd. Highest water level 0.12 above lsd, O $\frac{1}{2}$ 4, 1948; lowest 33.66 below lsd, Feb. 28, 1957. Records available: 1935-37, 1942-44, 1947-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1959	18.60	May 31, 1960	5.24	Aug. 31, 1961	11.32	Oct. 29, 1962	22.09
Mar. 2	12.05	June 29	5.89	Sept. 29	12.90	Nov. 28	23.20
Apr. 1	4.74	July 28	5.65	Oct. 31	16.03	Dec. 27	23.40
30	6.55	Aug. 29	7.70	Nov. 30	18.08	Jan. 29, 1963	21.30
May 29	7.80	Sept. 29	1.75	Dec. 28	19.07	Feb. 25	18.02
June 30	8.17	Nov. 2	4.62	Jan. 31, 1962	20.09	Mar. 27	14.69
July 30	7.52	30	5.73	Feb. 27	20.60	Apr. 29	17.02
Sept. 1	5.85	Dec. 30	6.26	Mar. 30	19.58	May 27	18.80
29	6.40	Jan. 31, 1961	5.49	Apr. 30	10.39	June 27	20.47
Oct. 30	2.81	Feb. 28	3.54	May 28	14.99	July 29	21.86
Dec. 30	5.10	Apr. 3	4.84	June 24	16.92	Aug. 26	23.13
Feb. 1, 1960	5.69	May 1	5.16	July 27	18.91	Sept. 26	24.34
29	2.95	31	6.76	30	19.03	Oct. 28	25.29
Mar. 31	3.35	June 30	8.86	Aug. 26	19.08	Nov. 27	26.24
Apr. 29	3.22	July 28	11.07	Sept. 26	20.79	Dec. 23	26.68

303111N0842054.1. Local number 115. Jack Sanders. Formerly W. F. Christian. NE $\frac{1}{4}$ NE $\frac{1}{4}$ (previously reported NW $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 5, T. 1 N., R. 1 W. Drilled domestic artesian well in Floridan aquifer, diam 4 in, depth 194 ft, cased to 104. MP top of casing, 0.50 ft above lsd. Highest water level 76.9 below lsd, June 30, 1959; lowest 94.3 below lsd Apr. 2, 1957. Records available: 1950-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1959	89.2	Mar. 31, 1960	78.5	May 31, 1961	82.4	June 24, 1962	85.4
Mar. 2	87.9	May 31	78.1	June 30	83.4	July 27	86.8
10	86.2	June 29	79.5	July 14	83.4	Sept. 13	87.0
Apr. 1	80.6	July 28	80.0	Aug. 31	83.6	Nov. 9	87.5
30	81.9	Aug. 29	80.4	Sept. 29	81.4	Jan. 9, 1963	89.4
June 1	81.1	Sept. 29	80.3	Oct. 31	83.4	Mar. 8	86.3
30	76.9	Nov. 2	77.5	Nov. 30	84.4	Apr. 24	87.2
Sept. 1	79.6	30	79.2	Jan. 26, 1962	86.0	May 27	87.4
30	80.1	Dec. 30	81.0	Mar. 8	86.6	July 5	87.6
Oct. 30	77.0	Jan. 31, 1961	81.8	30	87.0	Aug. 26	87.8
Dec. 30	78.7	Feb. 28	81.4	Apr. 30	83.6	Oct. 28	88.6
Feb. 1, 1960	80.0	Apr. 3	81.2	May 28	84.6	Dec. 23	89.3
29	79.5	May 1	81.4				

Madison County

302822N0832555.1. Local number 18. Florida State Road Dept. Near Madison. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 21, T. 1 N., R. 9 E. Drilled drainage (previously reported unused) artesian well in Floridan aquifer, diam 4 in, depth 322 ft, cased to 307. Lsd 100.56 ft above msl. MP top of casing, at lsd. Highest water level 17.02 below lsd, Apr. 17, 1960; lowest 35.89 below lsd, Mar. 27, 1957. Records available: 1952-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.83	28.20	24.70	.....	18.36	18.30	.....	19.80	.....	.....	.....	23.55
10	28.70	27.42	22.37	.....	19.06	18.35	.....	19.77	.....	.....	22.18	23.92
15	28.25	26.76	21.30	.....	19.38	18.48	20.10	.....	.....	.....	22.37	24.00
20	28.50	26.62	18.72	17.23	.....	.....	19.70	.....	.....	.....	22.68	24.00
25	28.37	25.96	.....	17.45	18.40	.....	19.73	.....	.....	.....	22.73	24.30
Eom	28.50	25.48	.....	17.63	18.33	.....	19.90	.....	.....	.....	23.50	24.44

1960

5	24.21	24.12	21.00	18.81	18.18	21.12	22.23	22.72	23.12	23.87	.....	25.99
10	24.13	23.62	21.45	17.95	18.48	21.80	22.60	22.14	23.24	23.70	.....	26.08
15	23.91	23.80	21.40	17.19	18.82	22.17	22.68	22.27	23.70	.....	.....	25.91
20	24.29	23.73	20.09	17.19	19.60	22.17	.....	22.68	23.90	.....	.....	26.20
25	24.44	22.71	20.01	17.19	20.19	22.11	.....	22.96	24.10	.....	.....	26.48
Eom	24.26	21.70	20.04	17.66	20.84	22.20	22.64	23.01	23.90	.....	.....	26.27

1961

5	26.52	26.08	25.26	25.43	24.50	25.67	26.32	27.06	27.80	28.48	29.39	30.06
10	26.62	25.83	25.30	25.32	24.35	25.84	26.40	27.34	27.87	28.60	29.50	30.21
15	26.20	25.85	25.17	25.26	24.60	26.16	26.59	27.39	27.94	28.74	29.64	30.40
20	26.16	25.84	25.36	25.40	24.97	26.23	26.67	27.43	28.00	28.74	29.78	30.36
25	26.30	25.30	25.55	25.03	25.18	26.26	26.71	27.61	28.14	29.10	29.97	30.50
Eom	26.13	25.40	25.18	24.70	25.47	26.25	26.90	27.76	28.31	29.17	30.05	30.41

1962

5	30.51	30.47	30.23	27.0	24.83	26.57	27.70	28.79	29.53	29.73	30.45	30.98
10	30.60	30.46	30.12	.....	25.08	26.90	27.89	28.82	29.65	29.84	30.60	31.30
15	30.47	30.60	30.08	.....	25.53	26.97	28.15	29.03	29.60	29.92	30.76	31.22
20	30.60	30.70	29.81	.....	25.67	27.12	28.40	29.22	29.61	30.01	30.80	31.35
25	30.50	30.66	29.70	.....	26.08	27.38	28.55	29.22	29.61	30.21	30.99	31.39
Eom	30.52	30.59	29.24	25.6	26.37	27.56	28.64	29.46	29.70	30.03	30.99	31.49

1963

5	31.49	30.09	28.09	27.70	28.59	29.58	29.71	29.98	30.59	31.55	31.93	32.70
10	31.50	29.85	28.05	27.70	28.78	29.63	29.67	30.00	30.80	31.60	32.08	32.83
15	31.26	29.66	27.92	28.01	29.00	29.81	29.72	30.13	31.01	31.66	32.44	32.92
20	30.63	29.19	27.58	28.12	29.10	29.82	29.75	30.26	31.05	31.70	32.45	32.62
25	30.67	28.76	27.71	28.36	29.20	29.84	29.90	30.32	31.30	31.80	32.53	32.63
Eom	30.34	28.59	27.65	28.44	29.33	29.86	29.90	30.50	31.38	32.00	32.60	32.37

e Estimated.

Manatee County

272647N0821814.1. Local number 92. Ray E. Anderson. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T. 35 S., R. 20 E. Drilled domestic (previously reported unused) artesian well in Floridan aquifer, diam 6 in, depth 600 ft, cased to 154. Lsd 79.77 ft above msl. MP top of casing, 2.37 ft above lsd (since Oct. 9, 1959). Highest water level 35.67 below lsd, Oct. 7, 1946; lowest 54.19 below lsd, Apr. 30, 1963. Records available: 1941-63. Recorder removed June 25, 1959.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	42.28	41.76	43.86	42.47	44.87	.....	.....	.....	.....	.....	.....	.....
10	42.07	42.16	43.54	42.38	46.00	.....	.....	.....	.....	.....	.....	.....
15	41.65	42.67	43.39	43.90	46.47	.....	.....	.....	.....	.....	.....	.....
20	42.03	43.37	42.95	43.21	45.99	.....	.....	.....	.....	.....	.....	.....
25	41.91	43.90	42.77	e43.57	45.17	.....	.....	.....	.....	.....	.....	.....
Eom	41.92	44.13	42.52	e43.84	e44.4	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 12, 1959	41.15	Nov. 2, 1960	41.71	Sept. 13, 1961	43.26	Aug. 6, 1962	45.67
Oct. 9	40.84	Dec. 13	48.16	Oct. 25	46.38	Sept. 27	43.24
Nov. 19	42.16	Jan. 11, 1961	45.99	Dec. 6	50.57	Nov. 15	43.50
Jan. 11, 1960	42.07	Feb. 15	44.61	Jan. 10, 1962	49.53	Jan. 2, 1963	47.62
Mar. 8	44.08	Mar. 28	46.73	Feb. 21	49.99	Mar. 4	44.67
Apr. 21	44.69	May 10	49.12	Apr. 4	49.21	Apr. 30	54.19
June 10	46.36	June 21	47.79	May 16	52.65	June 18	49.35
July 26	43.13	Aug. 2	45.12	June 27	48.41	Aug. 20	44.90
Sept. 13	41.58						

Marion County

291115N0815925.1. Local number 5. Florida State Road Dept. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 15 S., R. 23 E. Drilled observation artesian well in Floridan aquifer, diam 6 in, depth 135 ft, cased to 135. Lsd 39.83 ft above msl. MP top of reducer, 2.55 ft above lsd. Highest water level 15.59 above lsd, Oct. 14, 1960; lowest 3.35 above lsd, May 7, 1957 (previously reported 2.97 above lsd, Feb. 4, 1958). Records available: 1933-63.

Mean water level for the day, above lsd, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.05	+8.25	+8.14	+11.23	+11.84	+11.71	+12.03	+12.42	+12.41	+12.78	+12.52	+12.07
10	....	8.20	8.13	11.51	11.76	11.63	11.99	12.39	12.44	12.77	12.43	11.87
15	8.41	8.22	8.19	11.47	11.73	11.56	12.04	12.37	12.52	12.77	12.43	11.78
20	8.25	8.00	9.02	11.79	11.66	11.63	12.14	12.48	12.56	12.64	12.33	11.65
25	8.30	8.16	10.03	11.63	11.72	11.76	12.29	12.47	12.82	12.69	12.25	11.61
Eom	8.21	8.13	10.99	11.77	11.76	11.96	12.41	12.51	12.87	12.57	12.00	11.41

1960

5	+11.35e	+10.82	+10.58	+13.91	+13.62	+12.87	+12.75	+14.01e	+14.48	+15.50	+15.11	+14.27
10	11.23	e10.78	10.87	13.84	13.59	12.58	12.76	14.42	14.58	15.52	15.06	14.15
15	11.28	e10.37	10.91	13.90	13.35	12.58	12.74	14.53	14.80	15.57	14.92	14.13
20	10.95	10.33	11.58	13.82	13.26	12.54	12.72	14.58	e15.23	15.58	14.79	13.85
25	e10.85	10.64	13.13	13.91	13.17	12.58	12.85	14.55	e15.43	15.46	14.65	13.66
Eom	.....	10.52	13.78	13.69	13.01	12.68	13.24	14.53	e15.47	15.40	14.46	13.68

1961

5	+13.34	+12.57	+12.39e	+11.75	+11.11	+10.40	+9.88	+9.53	+10.02	+9.90	+9.39	+8.84
10	13.21	12.61	12.15	11.73	11.20	10.38	9.87	9.39	10.05	9.89	9.25	8.68
15	13.23	12.59	12.26	e11.45	10.98	10.20	9.77	9.37	10.12	9.78	9.15	8.55
20	12.99	12.59	12.10	e11.45	10.83	10.17	9.76	9.52	10.13	9.76	9.03	8.51
25	12.78	12.62	e12.05	e11.45	e10.75	9.98	9.66	9.66	10.09	9.52	8.88	8.34
Eom	12.68	12.45	e11.85	e11.25	e10.55	9.94	9.60	9.81	10.05	9.53	8.80	8.25

1962

5	+8.26	+7.81	+7.27	+6.71	+6.17	+5.75	+5.70	+5.81	+6.07	+6.38	+6.07	+5.86
10	8.08	7.72	7.13	6.60	6.12	5.61	5.68	5.93	6.07	6.31	6.03	5.60
15	8.12	7.57	7.07	6.57	5.97	5.66	5.58	5.87	6.18	6.32	5.92	5.67
20	7.94	7.39	7.04	6.49	5.97	5.65	5.57	5.90	6.22	6.23	5.99	5.54
25	7.92	7.30	6.93	6.39	5.83	5.64	5.62	6.03	6.25	6.13	5.84	5.51
Eom	7.81	7.33	6.89	6.28	5.75	5.64	5.77	6.02	6.23	6.44	5.93	5.47

e Estimated.

h Tape measurement.

291115N0815925. 1--Continued.

1963											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	+5.45	+5.38	+5.91	+6.28	+5.99	+5.55	+5.38	+5.59	+6.07	+6.27	+6.33
10	5.35	5.25	5.98	6.25	5.91	5.55	5.42	e5.6	6.06	6.33	6.30
15	5.24	5.26	6.04	6.08	5.78	5.45	h5.45	e5.6	6.02	6.35	5.95
20	5.47	5.50	6.25	6.13	5.68	5.36	e5.4	e5.7	6.15	6.40	6.08
25	5.24	5.62	6.14	6.04	5.61	5.36	e5.5	5.92	6.21	6.35	6.05
Eom	5.29	5.62	6.20	6.01	5.64	5.31	e5.6	5.97	6.22	6.19	5.93

e Estimated.

h Tape measurement.

290225N0815610.1. Local number 47. A. C. Luffman. Formerly Harry H. Pratt and A. C. Luffman. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 17 S., R. 24 E. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, depth 179 ft. Lsd 82.18 ft (previously reported 75.4 ft) above msl. MP bottom edge of hole in casing, 4.35 ft above lsd (since Feb. 16, 1962). Highest water level 10.39 below lsd, Oct. 31, 1960; lowest 24.67 below lsd, Apr. 4, 1956. Records available: 1936-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1959	19.04	Apr. 26, 1960	12.21	May 17, 1961	16.29	Sept. 19, 1962	21.87
Mar. 2	19.39	June 13	13.84	July 15	17.67	Nov. 7	21.94
Apr. 21	15.24	Aug. 8	11.77	Aug. 15	18.11	Jan. 11, 1963	22.74
June 8	15.49	Sept. 14	11.23	Sept. 25	17.60	Feb 27	22.44
July 20	14.23	Oct. 31	10.39	Feb. 16, 1962	20.40	Apr. 24	21.77
Sept. 3	13.94	Dec. 1	11.74	Mar. 27	21.32	June 19	22.53
Oct. 19	13.49	Jan. 5, 1961	12.97	May 7	22.04	Aug. 23	22.58
Dec. 7	14.46	Feb. 20	14.18	June 18	22.84	Oct. 24	22.06
Jan. 11, 1960	15.46	Apr. 6	15.17	Aug. 9	22.47	Nov. 20	22.38
Mar. 1	16.16						

285920N0815005.1. Local number 48. Woodrow Fulford. Formerly E. P. Nelson. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 20 (previously reported NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29), T. 17 S., R. 25 E. Drilled domestic artesian well in Floridan aquifer, diam 6 in, depth 152 ft. Lsd 61.08 ft (previously reported 61.2 ft) above msl. MP top of coupling, at lsd. Highest water level 0.2 above lsd, October 1945; lowest 10.90 below lsd, Apr. 24, 1957. Records available: 1936-63.

Jan. 6, 1959	4.19	June 13, 1960	(j)	Sept. 25, 1961	2.54	Nov. 7, 1962	6.59
Mar. 2	4.41	Sept. 14	(j)	Nov. 13	3.37	Jan. 11, 1963	7.37
Apr. 21	1.19	Dec. 1	(j)	Jan. 10, 1962	4.43	Feb 27	6.97
June 8	1.07	Jan. 5, 1961	(j)	Feb. 12	4.95	Apr. 24	6.69
July	(j)	Feb. 20	(j)	Mar. 27	5.81	June 19	7.35
Oct. 19	(j)	Apr. 6	(j)	May 7	6.68	Aug. 21	7.35
Dec. 7	(j)	May 17	0.82	June 18	7.27	Oct. 24	6.88
Jan. 11, 1960	.04	July 15	2.05	Aug. 9	7.25	Nov. 20	7.22
Mar. 1	.40	Aug. 15	2.72	Sept. 19	6.86		
Apr. 26	(j)						

j Well flowing.

291015N0813850.1. Local number 49. Florida State Road Dept. Formerly U. S. Forest Service. Arrendondo Grant. T. 15 S., R. 26 E. Drilled unused (previously reported public-supply) artesian well in Floridan aquifer, diam 6 in, depth 175 ft. Lsd 67.20 ft (previously reported 66.8 ft) above msl. MP top of casing, 1.00 ft above lsd. Highest water level 23.20 below lsd, Nov. 1, 1960; lowest 31.62 below lsd, Sept. 28, 1956. Records available: 1936-63.

Jan. 7, 1959	29.35	Apr. 27, 1960	24.82	July 14, 1961	26.43	July 23, 1962	30.21
Mar. 3	29.58	June 14	25.32	Aug. 16	26.88	Aug. 28	29.27
Apr. 22	27.66	Aug. 9	24.08	Sept. 26	27.11	Oct. 16	29.14
June 9	27.32	Sept. 15	23.32	Nov. 14	27.91	Dec. 12	29.66
July 21	26.30	Nov. 1	23.20	Jan. 11, 1962	28.57	Feb. 21, 1963	29.71
Sept. 4	26.37	Dec. 2	23.66	Feb. 13	28.93	Apr. 25	30.22
Oct. 20	25.67	Jan. 6, 1961	24.01	Mar. 28	29.45	June 20	30.53
Dec. 8	25.84	Feb. 21	24.43	May 8	29.92	Sept. 12	29.76
Jan. 12, 1960	26.06	Apr. 7	25.10	June 19	30.09	Oct. 24	29.43
Mar. 2	26.10	May 18	25.77				

291120N0821025.1. Local number 51. D. P. Sawyer. Formerly Harold E. Cullison. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 15 S., R. 21 E. Drilled unused artesian well in Floridan aquifer, diam 4 in, depth 106 ft. Lsd 74.61 ft (previously reported 74.5 ft) above msl. MP top of casing, 0.05 ft above lsd. Highest water level 23.82 below lsd, Oct. 31, 1960; lowest 34.84 below lsd, Aug. 10, 1956. Records available: 1935-63.

291120N0821025.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1959	30.19	Apr. 26, 1960	24.50	July 15, 1961	29.67	July 23, 1962	32.98
Mar. 2	30.25	June 13	26.04	Aug. 15	30.10	Aug. 28	33.42
Apr. 21	25.91	Aug. 8	24.46	Sept. 25	29.16	Oct. 16	32.27
June 8	26.58	Sept. 14	23.93	Nov. 13	29.90	Dec. 11	32.88
July 20	26.39	Oct. 31	23.82	Jan. 10, 1962	30.95	Feb. 22, 1963	33.25
Sept. 3	25.88	Dec. 1	24.75	Feb. 12	31.53	Apr. 25	32.37
Oct. 19	25.93	Jan. 5, 1961	25.95	Mar. 27	32.23	June 20	32.89
Dec. 7	26.78	Feb. 20	26.67	May 7	32.82	Sept. 12	31.67
Jan. 11, 1960	27.68	Apr. 6	27.59	June 18	33.24	Oct. 24	31.67
Mar. 1	28.69	May 17	28.44				

Martin County

265732N0801430.1. Local number 140. U. S. Geol. Survey. On Florida Highway 710, 10 mi west of Jupiter. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28, T. 40 S., R. 41 E. Drilled observation water-table well in shell, diam 6 in. depth 31 ft, cased to 20. Lsd 19.89 ft above msl. MP top of casing, 2.60 ft above lsd. Highest water level 21.23 above msl, Sept. 25, 1960; lowest 15.73 above msl, May 24, 1961. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+19.48	+18.75	+19.98	+18.94	+18.88	+19.90	+19.66	+20.11	+19.96	+20.05	+19.74
10	19.15	19.05	19.64	18.58	18.60	19.97	19.95	20.14	20.09	19.95	19.58
15	19.00	18.66	19.34	18.29	18.98	19.93	19.99	20.51	20.01	19.84	19.43
20	18.95	19.81	19.62	19.10	20.53	19.73	20.10	20.43	20.91	19.88	19.32
25	18.61	19.73	19.46	18.58	20.21	19.68	19.92	20.50	20.84	20.23	20.47
Eom	+19.61	18.85	19.61	19.38	18.79	19.99	19.47	19.85	20.30	20.42	19.99	20.22

1960

5	+19.92	+19.61	.....	+18.73	+19.63	+19.50	+20.26	+19.86	+20.38	+20.62	+19.82	+18.92
10	19.62	19.34	.....	17.43	19.29	19.21	20.18	19.74	20.57	20.45	19.51	18.87
15	19.43	19.27	.....	17.06	19.01	19.25	20.14	20.24	20.52	20.44	19.45	19.28
20	19.22	19.07	.....	18.50	18.68	19.82	20.01	20.09	20.36	20.37	19.37	18.73
25	e19.11	19.48	.....	19.65	18.15	20.04	19.84	20.15	21.23	20.17	19.25	18.70
Eom	19.19	19.17	.....	19.74	19.37	20.02	19.98	20.28	21.04	19.90	19.13	18.42

1961

5	+18.14	+19.40	+17.77	+17.80	+16.24	+18.32	+18.67	+17.79	+19.19	+18.38	+19.37	+18.93
10	19.30	18.96	17.27	17.55	16.11	19.33	18.74	17.86	19.10	19.42	19.87	18.39
15	19.31	18.86	18.45	16.97	15.93	19.22	18.50	17.19	18.90	19.38	19.73	18.18
20	19.03	18.72	18.26	16.65	15.87	18.48	19.16	19.19	19.01	19.40	19.17	17.99
25	e18.90	18.49	17.42	16.46	15.77	18.85	18.58	19.18	18.60	19.14	19.07	17.75
Eom	e18.84	18.17	16.96	16.28	18.76	19.35	18.03	19.37	18.98	18.98	19.87	17.52

1962

5	+17.65	+17.15	+16.89	+17.73	+19.00	+17.45	+19.37	+19.75	+20.06	+20.55	+19.10	+18.32
10	17.74	e17.03	16.58	19.27	18.31	18.40	19.42	19.65	20.18	20.15	19.87	17.89
15	18.68	17.44	16.47	18.64	17.68	19.46	19.65	19.72	19.97	e19.83	19.50	17.74
20	17.80	e17.25	16.32	18.23	17.27	19.25	19.70	20.47	19.96	e19.59	19.37	17.67
25	17.68	e17.01	17.38	17.81	16.91	19.27	19.62	20.45	20.47	e19.37	18.44	18.29
Eom	17.32	e16.87	17.68	17.75	16.96	19.48	20.06	20.18	20.32	19.17	18.32	17.68

1963

5	+17.48	+18.55	+18.86	+17.72	.....	+19.28	+19.80	+19.07	+19.80	.....	+20.09	+19.33
10	17.54	17.97	19.17	17.33	.....	19.26	19.48	18.95	20.12	.....	20.08	19.20
15	17.45	18.48	18.49	16.97	.....	19.40	19.79	18.75	20.04	.....	20.12	19.25
20	17.33	19.20	18.14	16.70	.....	19.08	19.47	.....	20.53	.....	20.12	e19.63
25	17.71	18.48	18.57	16.50	.....	19.55	19.18	.....	20.69	.....	19.79	e19.52
Eom	17.42	19.19	18.27	16.72	+18.89	19.78	19.36	19.56	20.56	+20.25	19.47	20.45

e Estimated.

271012N0801412.1. Local number 147. U. S. Geol. Survey. East 10th St. and Palm Beach Rd., Stuart. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, T. 38 S., R. 41 E. Drilled observation water-table well in calcareous sandstone, diam 6 in, depth 74 ft, cased to 73. Lsd 13.64 ft above msl. MP top of casing, 3.70 ft above lsd. Highest water level 13.10 above msl, Oct. 18, 1953; lowest 1.78 above msl, May 25, 1963. Records available: 1952-63. Affected by pumping of nearby wells.

271012N0801412.1--Continued.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.57	+9.00	+7.57	+9.04	+8.13	+7.02	+8.62	+9.98	+10.62	+9.96	+10.60	+9.92
10	8.23	8.66	7.55	8.68	7.75	7.04	8.92	9.95	10.19	9.82	10.33	9.61
15	7.96	8.33	7.45	8.49	7.66	6.85	9.73	9.60	10.47	9.63	10.12	9.35
20	7.68	8.07	9.82	8.18	7.53	9.53	9.20	9.45	10.83	12.07	10.33	9.11
25	8.90	7.80	9.91	9.05	7.25	9.38	8.87	9.05	11.53	11.53	10.81	9.30
Eom	9.28	7.69	9.38	8.57	7.24	8.78	8.55	9.13	10.40	10.95	10.24	9.12

1960

5	+8.79	+7.86	+7.30	+7.62	+7.19	+6.15	+7.33	+8.07	+7.67	+9.75	+8.61	+8.30
10	8.56	8.32	7.14	7.67	6.87	6.26	7.63	7.64	8.00	9.63	8.50	8.13
15	8.32	8.04	6.97	7.40	6.59	6.03	7.62	7.46	8.32	9.37	8.91	7.95
20	8.06	7.73	6.87	7.15	6.35	6.98	7.63	7.28	9.02	8.97	8.86	7.76
25	7.83	7.59	6.61	7.14	6.17	7.80	7.68	7.12	12.05	8.58	8.70	7.57
Eom	7.61	7.51	7.02	7.38	6.10	7.42	8.06	7.02	11.40	8.44	8.52	7.34

1961

5	+7.15	+7.45	+6.30	+5.62	+4.92	+7.20	+6.32	+4.94	+5.42	+4.51	+4.57	+4.02
10	6.98	7.24	6.15	5.56	4.74	6.69	5.98	4.65	5.15	4.48	4.48	3.92
15	6.30	7.02	6.18	5.44	4.50	6.65	5.52	4.51	4.83	4.45	4.37	3.80
20	....	6.83	6.08	5.30	4.15	6.25	5.38	4.71	5.04	4.52	4.32	3.70
25	6.02	6.65	5.90	5.15	3.91	7.18	5.12	5.00	4.82	4.62	4.22	3.60
Eom	6.71	6.52	5.77	5.05	7.02	6.68	4.72	5.50	4.62	4.59	4.10	3.52

1962

5	+3.33	+3.09	+2.69	+2.72	+2.93	+2.13	+3.15	+7.48	+7.26	+8.04	+5.94	+5.03
10	3.38	3.02	2.53	2.88	2.93	2.37	3.33	7.58	6.91	7.66	5.78	4.83
15	3.33	2.99	2.46	3.02	2.77	2.56	4.55	7.62	6.70	7.34	5.62	4.71
20	3.23	2.88	2.34	2.90	2.67	2.77	5.43	7.80	6.52	7.00	5.40	4.55
25	3.20	2.78	2.32	2.88	2.54	2.97	6.90	7.54	8.40	6.81	5.26	4.33
Eom	3.17	2.73	2.64	2.83	2.12	3.00	7.00	7.53	8.27	6.18	5.22	4.12

1963

5	+4.30	+3.25	+3.43	+2.94	+2.28	+2.00	+2.33	+2.35	+2.12	+7.77	+6.23	+5.69
10	4.20	3.14	3.40	2.83	2.16	2.00	2.39	2.25	2.31	7.50	6.10	5.50
15	4.10	3.10	3.30	2.72	2.05	1.96	2.49	2.24	2.58	7.22	6.08	5.28
20	3.93	3.08	3.04	2.55	1.91	1.98	2.55	2.21	2.82	6.87	6.02	5.70
25	3.82	3.00	2.93	2.40	1.78	2.08	2.45	2.33	4.05	6.75	5.97	5.92
Eom	3.70	3.20	3.08	2.27	2.02	2.19	2.50	2.13	5.29	6.44	5.82	7.87

e Estimated.

Nassau County

303519N0812753.1. Local number 2. G. G. Gerbing. Amelia City. T. 2 N., R. 28 E. (previously reported sec. 50). Drilled irrigation artesian well in Floridan aquifer, diam 3 to 2 in, reported depth 580 ft, cased to 350. Lsd 9.98 ft above msl. MP top of 2-in horizontal pipe, 1.00 ft above lsd. Highest water level 43.1 above lsd, July 15, 1947; lowest 18.4 above lsd, June 18, 1963. Records available: 1939-40, 1944-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1959	+25.3	Apr. 29, 1960	+27.0	July 10, 1961	+28.3	July 25, 1962	+20.9
Feb. 27	25.7	June 16	25.8	Aug. 18	24.2	Aug. 31	23.0
Apr. 24	24.0	Aug. 12	27.4	Sept. 28	25.0	Oct. 19	21.6
June 4	23.9	Sept. 20	27.9	Nov. 15	24.0	Dec. 14	21.8
July 23	23.8	Nov. 4	27.5	Jan. 3, 1962	25.1	Feb. 19, 1963	22.2
Sept. 2	23.9	Dec. 6	29.3	Feb. 15	22.5	Apr. 23	22.8
Oct. 22	25.9	Jan. 4, 1961	30.6	Mar. 30	21.4	Jun. 18	18.4
Dec. 11	25.2	Feb. 24	27.1	May 10	20.8	Sept. 10	20.4
Jan. 7, 1960	28.2	Apr. 11	26.5	June 21	20.5	Oct. 22	21.4
Mar. 8	26.9	May 23	25.2				

303244N0812637.1. Local number 8. Union Carbide Ore Co. Formerly Charles Pelot. T. 1 N., R. 28 E. (previously reported SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1). Drilled domestic artesian well in Floridan aquifer, diam 4 in, reported depth 680 ft. Lsd 13.70 ft above msl. MP top of 4-in cross, 1.80 ft above lsd. Highest water level 43.1 above lsd, July 15, 1947; lowest 20.6 above lsd, May 10, 1962. Records available: 1939-40, 1944-63.

Jan. 9, 1959	+25.8	Apr. 29, 1960	+27.7	May 23, 1961	+24.2	Jun. 21, 1962	+21.2
Feb. 27	25.8	June 16	26.8	July 10	24.2	July 25	21.2
Apr. 24	25.4	Aug. 12	27.4	Aug. 18	21.9	Aug. 31	22.2
June 4	24.9	Sept. 20	27.1	Sept. 28	24.0	Dec. 14	24.8
July 23	25.3	Nov. 4	26.7	Nov. 15	23.3	Feb. 19, 1963	24.4
Sept. 2	24.3	Dec. 6	28.0	Jan. 3, 1962	23.4	Apr. 23	24.0
Oct. 22	28.2	Jan. 4, 1961	26.2	Feb. 15	22.6	Jun. 18	21.4
Jan. 7, 1960	28.8	Feb. 24	26.0	Mar. 30	21.4	Sept. 10	22.6
Mar. 8	27.2	Apr. 11	24.6	May 10	20.6	Oct. 22	23.4

303801N0812737.1. Local number 12. J. W. Sheffield. T. 2 N., R. 28 E. (previously reported NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4, T. 2 N., R. 26 E.). Drilled domestic artesian well in Floridan aquifer, diam 2 in, reported depth 640 ft. Lsd 13.02 ft above msl. MP top of 2-in cross. 1.09 ft above lsd. Highest water level 40.9 above lsd, Mar. 25, 1939; lowest 19.85 below lsd, June 26, 1956. Records available: 1939, 1944-63. Fluctuation caused primarily by regional pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1959	-11.30	June 16, 1960	-7.11	July 10, 1961	+9.29	July 26, 1962	-5.14
Feb. 27	11.74	Aug. 12	5.00	Aug. 18	-5.08	Aug. 31	4.98
Apr. 24	10.90	Sept. 20	2.82	Sept. 28	5.60	Oct. 19	15.97
June 4	9.42	Nov. 4	2.71	Nov. 15	9.63	Dec. 14	16.45
July 23	9.87	Dec. 6	- .85	Jan. 3, 1962	.83	Feb. 18, 1963	-16.23
Oct. 22	7.78	Jan. 4, 1961	+1.35	Feb. 15	10.77	Apr. 23	+3.89
Dec. 11	12.06	Feb. 24	-3.18	Mar. 30	12.74	June 18	-18.26
Jan. 7, 1960	6.31	Apr. 11	1.51	May 10	12.64	Sept. 9	12.97
Mar. 8	6.36	May 23	-2.14	June 21	11.47	Oct. 21	12.61
Apr. 29	3.69						

304010N0812645.1. Local number 27. Judge Fishler and others. Atlantic Blvd. and North 18th St., Fernandina. T. 3 N., R. 28 E. Drilled unused artesian well in Floridan aquifer, diam 3 in, depth 191 ft. Lsd 20.45 ft above msl. MP top of cap, 1.00 ft above lsd (since June 15, 1962). Highest water level 29.5 above lsd, Mar. 28, 1939; lowest 29.34 below lsd, June 18, 1963. Records available: 1939-41, 1944-63. Fluctuation caused primarily by regional pumping.

Jan. 9, 1959	-23.92	Apr. 29, 1960	-12.18	July 10, 1961	+6.04	July 26, 1962	-20.60
Feb. 27	22.25	June 16	20.62	Aug. 18	-19.37	Aug. 31	21.38
Apr. 24	21.69	Aug. 12	19.21	Sept. 28	21.92	Oct. 19	25.19
June 4	23.43	Sept. 20	15.16	Nov. 15	22.89	Dec. 14	26.05
July 23	23.66	Nov. 4	15.93	Jan. 3, 1962	8.90	Feb. 19, 1963	24.49
Sept. 2	22.84	Dec. 6	14.65	Feb. 15	24.48	Apr. 23	19.37
Oct. 22	22.20	Jan. 4, 1961	12.06	Mar. 30	24.82	June 18	29.34
Dec. 11	20.94	Feb. 24	18.33	May 10	25.58	Sept. 9	26.24
Jan. 7, 1960	16.96	Apr. 11	15.88	June 21	23.80	Oct. 21	24.60
Mar. 8	17.12	May 23	-17.12				

303754N0813627.1. Local number 44. Seaboard Air Line RR. Co. Yulee. T. 3 N. (previously reported T. 2 N.), R. 27 E. Drilled railroad artesian well in Floridan aquifer, diam 4 in, reported depth 1,000 ft, cased to 450. Lsd 34.81 ft above msl. MP bottom of $\frac{1}{2}$ -in hole in base of 3-in tee, 2.22 ft above lsd (since Dec. 13, 1961). Highest water level 22.5 (previously reported 26.4) above lsd, Aug. 25, 1938; lowest 2.13 below lsd, June 18, 1963. Records available: 1934, 1938, 1940, 1944-63.

Jan. 9, 1959	+5.86	Mar. 8, 1960	+5.69	Apr. 11, 1961	+4.69	July 26, 1962	+0.56
Feb. 27	4.92	Apr. 29	6.11	May 23	3.73	Aug. 31	.65
Apr. 24	5.77	June 16	4.99	July 10	5.37	Oct. 19	+ .38
June 4	5.36	Aug. 12	5.46	Dec. 13	1.60	Dec. 14	-.05
July 23	5.38	Sept. 20	6.42	Jan. 3, 1962	3.72	Feb. 18, 1963	+ .92
Sept. 2	4.77	Nov. 4	6.01	Feb. 15	1.27	Apr. 22	-.18
Oct. 22	5.33	Dec. 6	6.39	Mar. 30	.56	June 18	2.13
Dec. 11	5.47	Jan. 4, 1961	7.71	May 10	+ .26	Sept. 9	.83
Jan. 7, 1960	8.0	Feb. 24	5.12	June 21	-.32	Oct. 21	.77

303658N0814226.1. Local number 50. R. E. Fingar. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 2 N., R. 26 E. Drilled domestic artesian well in Floridan aquifer, diam 2 in, reported depth 569 ft. Lsd 17.79 ft above msl. MP top of 2-in tee, 1.20 ft above lsd. Highest water level 40.5 above lsd, May 30, 1940 (previously reported 40.3 above lsd, Jan. 18, 1940); lowest 19.4 above lsd, Dec. 14, 1962. Records available: 1940-41, 1944-63.

Jan. 9, 1959	+28.6	Apr. 29, 1960	+29.0	May 23, 1961	+27.0	June 21, 1962	+20.4
Feb. 27	27.8	June 16	28.2	July 10	25.1	July 26	24.0
Apr. 24	29.1	Aug. 12	28.4	Aug. 18	25.7	Aug. 31	22.0
June 4	28.8	Sept. 20	28.9	Sept. 28	25.9	Oct. 19	22.4
July 23	28.6	Nov. 4	28.8	Nov. 15	25.5	Dec. 14	19.4
Sept. 2	28.1	Dec. 6	27.3	Jan. 3, 1962	25.9	Feb. 18, 1963	23.6
Oct. 22	28.4	Jan. 4, 1961	29.0	Feb. 15	25.4	June 18	19.8
Dec. 11	28.6	Feb. 24	27.1	Mar. 30	24.6	Sept. 9	19.6
Jan. 7, 1960	29.5	Apr. 11	27.6	May 10	22.1	Oct. 21	19.6
Mar. 8	28.7						

303340N0815000.1. Local number 51. W. D. Copley. Formerly Harold D. Blosser. Callahan. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T. 2 N., R. 25 E. Drilled domestic artesian well in Floridan aquifer, diam 2 in, reported depth 580 ft. Lsd 18.78 ft (previously reported 18.8 ft) above msl. MP top of 2-in cross, 1.00 ft above lsd. Highest water level 42.5 above lsd, July 15, 1947; lowest 25.2 above lsd, June 18, 1963. Records available: 1940-42, 1944-63.

303340N0815000. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1959	+28.8	Apr. 29, 1960	+30.8	July 10, 1961	+28.2	July 26, 1962	+25.6
Feb. 27	29.4	June 16	29.4	Aug. 18	27.4	Aug. 31	26.0
Apr. 24	31.3	Aug. 12	29.8	Sept. 28	27.8	Oct. 19	26.6
June 4	30.4	Sept. 20	30.4	Nov. 15	27.0	Dec. 14	26.4
July 23	30.1	Nov. 4	30.5	Jan. 3, 1962	27.5	Feb. 18, 1963	27.0
Sept. 2	29.8	Dec. 6	30.3	Feb. 15	27.2	Apr. 22	26.6
Oct. 22	30.0	Jan. 4, 1961	30.4	Mar. 30	26.7	June 18	25.2
Dec. 1	30.3	Feb. 24	30.4	May 10	26.2	Sept. 9	25.6
Jan. 7, 1960	30.4	Apr. 11	29.5	June 21	26.0	Oct. 21	25.8
Mar. 8	30.1	May 23	28.6				

303703N0813050. 1. Local number 55. L. R. Church. O'Neil. Sec. 40 (previously reported NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27), T. 2 N., R. 28 E. Drilled domestic artesian well in Floridan aquifer, diam 2 in, reported depth 540 ft, cased to 504. Lsd 12.64 ft above msl. MP top of flange of 2-in valve, 1.50 ft above lsd. Highest water level 33.8 above lsd, July 15, 1947; lowest 4.9 above lsd, June 18, 1963. Records available: 1940, 1944-63.

Jan. 9, 1959	+13.9	Mar. 8, 1960	+15.8	Apr. 11, 1961	+15.2	May 10, 1962	+9.3
Feb. 27	13.2	Apr. 29	15.9	May 23	14.1	July 26	7.8
Apr. 24	14.1	June 16	14.7	July 10	20.3	Aug. 31	8.7
June 4	12.9	Aug. 12	15.5	Aug. 18	12.3	Oct. 19	7.1
July 23	13.1	Sept. 20	17.7	Sept. 28	12.0	Dec. 14	5.1
Sept. 2	12.5	Nov. 4	16.6	Nov. 15	11.2	Apr. 22, 1963	6.9
Oct. 22	13.1	Dec. 6	17.9	Jan. 3, 1962	15.1	June 18	4.9
Dec. 11	13.7	Jan. 4, 1961	20.9	Feb. 15	11.0	Sept. 9	8.5
Jan. 7, 1960	17.5	Feb. 24	15.0	Mar. 30	9.3	Oct. 21	8.5

Okaloosa County

302420N0863645. 1. Local number 3. Okaloosa County. Fort Walton. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 2 S., R. 24 W. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, reported depth 800 ft, cased to 500. Lsd 16.44 ft (previously reported 11.98 ft) above msl. MP center of corporation cock, 0.93 ft above lsd. Highest water level 46.0 above lsd, Aug. 19, 1936; lowest 78.37 below lsd, July 31, 1962. Records available: 1936, 1946-63. Fluctuation caused primarily by regional pumping.

Feb. 6, 1959	20.55	Mar. 25, 1960	27.92	June 8, 1961	42.93	Sept. 21, 1962	56.07
Mar. 19	16.82	May 12	33.32	Sept. 1	43.07	Nov. 9	51.72
May 8	36.08	July 1	30.97	Oct. 19	51.46	Jan. 11, 1963	41.69
June 19	33.75	Aug. 12	35.17	Nov. 30	40.97	Mar. 8	36.27
Aug. 21	46.92	Sept. 23	45.93	Jan. 11, 1962	35.07	Apr. 26	63.34
Sept. 25	45.82	Nov. 11	37.96	Mar. 1	37.60	June 21	72.19
Nov. 6	36.72	Jan. 12, 1961	35.76	Apr. 19	41.86	Aug. 30	74.45
Dec. 18	27.76	Mar. 10	26.27	June 6	70.26	Oct. 24	76.47
Jan. 29, 1960	24.05	Apr. 19	34.61	July 31	78.37		

303440N0862630. 1. Local number 23. U. S. Air Force. Formerly U. S. Army. Eglin Auxiliary Field 2. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15, T. 1 N., R. 22 W. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, reported depth 652 ft, cased to 409. Lsd 155.61 ft (previously reported 154.0 ft) above msl. MP top of $\frac{1}{4}$ -in tee, 0.70 ft above lsd. Highest water level 92.3 below lsd, Apr. 14, 1948; lowest 125.2 below lsd, June 19, 1963. Records available: 1947-63. Fluctuation caused primarily by regional pumping.

Feb. 6, 1959	108.5	Jan. 29, 1960	109.0	Dec. 16, 1960	111.9	Oct. 19, 1961	117.3
Mar. 20	108.3	Mar. 25	110.1	Jan. 13, 1961	111.3	Nov. 30	118.3
May 8	109.3	May 12	111.2	Mar. 10	111.0	Jan. 10, 1962	119.8
June 19	109.5	July 1	112.4	Apr. 19	111.3	Mar. 2	120.3
Aug. 21	110.8	Aug. 12	113.3	June 9	115.0	Apr. 19	121.0
Sept. 25	111.3	Sept. 23	114.3	July 12	114.3	June 19, 1963	125.2
Nov. 6	110.5	Nov. 11	113.1	Sept. 1	114.8	Aug. 26	116.1
Dec. 18	110.2						

303818N0863148. 1. Local number 25. U. S. Air Force. Formerly U. S. Army. Eglin Auxiliary Field 3. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 2 N., R. 23 W. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, reported depth 609 ft, cased to 456. Lsd 196.72 ft above msl. MP top of $\frac{1}{4}$ -in tee, 1.60 ft above lsd. Highest water level 98.5 below lsd, Oct. 30, 1947; lowest 127.8 below lsd, Aug. 30, 1963. Records available: 1947-63. Fluctuation caused primarily by regional pumping.

303818N0863148.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1959	121.3	Mar. 24, 1960	120.8	June 9, 1961	122.6	Aug. 1, 1962	125.6
Mar. 20	120.8	May 12	121.3	July 12	122.9	Sept. 20	126.7
May 8	121.9	June 30	121.8	Sept. 1	124.4	Nov. 8	126.3
June 19	120.6	Aug. 12	122.8	Nov. 29	124.7	Jan. 10, 1963	126.5
Aug. 21	121.9	Nov. 10	123.0	Jan. 10, 1962	124.6	Mar. 6	127.4
Sept. 25	121.8	Dec. 15	122.7	Feb. 28	123.6	Apr. 25	126.1
Nov. 5	121.4	Jan. 13, 1961	122.9	Apr. 19	123.7	June 19	127.5
Dec. 18	121.5	Mar. 9	122.5	June 5	124.8	Aug. 30	127.8
Jan. 28, 1960	121.5						

303025N0863510.1. Local number 27. U. S. Air Force. Formerly U. S. Army. Eglin Auxiliary Field 4. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 1 S., R. 23 W. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, reported depth 591 ft, cased to 422. Lsd 89.33 ft above msl. MP top of $\frac{1}{4}$ -in tee, 1.30 ft above lsd. Highest water level 24.0 below lsd, Apr. 14, 1948; lowest 71.6 below lsd, Sept. 21, 1962. Records available: 1948-63. Fluctuation caused primarily by regional pumping.

Mar. 19, 1959	51.1	July 1, 1960	55.8	July 13, 1961	61.8	July 31, 1962	71.2
May 7	55.0	Aug. 11	60.2	Aug. 31	62.2	Sept. 21	71.6
June 18	53.8	Nov. 11	58.0	Oct. 18	62.4	Nov. 7	70.2
Aug. 20	57.1	Dec. 16	57.9	Nov. 30	63.5	Jan. 11, 1963	66.2
Sept. 24	57.2	Jan. 12, 1961	57.2	Jan. 10, 1962	58.4	June 20	64.00
Nov. 6	57.2	Mar. 10	57.1	Feb. 28	59.4	Aug. 30	64.27
Dec. 17	55.6	Apr. 19	57.2	Apr. 18	62.8	Oct. 24	65.09
Mar. 25, 1960	54.9	June 8	60.7	June 6	65.2		

303510N0863757.1. Local number 29. U. S. Air Force. Formerly U. S. Army. Eglin Auxiliary Field 5. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 1 N., R. 24 W. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, reported depth 766 ft, cased to 524. Lsd 178.03 ft above msl. MP top of $\frac{1}{4}$ -in tee, 1.40 ft above lsd. Highest water level 99.8 below lsd, Oct. 28, 1947; lowest 129.0 below lsd, Oct. 24, 1963. Records available: 1947-63. Fluctuation caused primarily by regional pumping.

Mar. 19, 1959	118.1	May 11, 1960	119.1	June 9, 1961	121.7	Aug. 1, 1962	125.5
May 7	117.7	June 30	120.7	July 12	123.5	Sept. 20	126.7
June 18	118.4	Aug. 11	121.1	Aug. 31	122.8	Nov. 7	127.5
Aug. 20	119.4	Sept. 22	121.1	Oct. 18	125.4	Jan. 10, 1963	128.4
Sept. 24	119.6	Nov. 10	121.6	Nov. 29	126.0	Mar. 7	125.1
Nov. 5	119.6	Dec. 15	121.3	Jan. 10, 1962	123.5	Apr. 25	125.7
Dec. 18	119.5	Jan. 12, 1961	121.1	Feb. 28	122.8	June 20	127.0
Jan. 28, 1960	118.8	Mar. 9	120.9	Apr. 18	123.1	Aug. 30	128.4
Mar. 24	118.6	Apr. 19	120.6	June 5	126.4	Oct. 24	129.0

303750N0864525.1. Local number 31. U. S. Air Force. Formerly U. S. Army. Eglin Auxiliary Field 6. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 2 N., R. 25 W. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, reported depth 690 ft, cased to 527. Lsd 135.07 ft (previously reported 135.12 ft) above msl. MP top of $\frac{1}{4}$ -in tee, 1.40 ft above lsd. Highest water level 46.8 below lsd, Apr. 14, 1948; lowest 70.3 below lsd, Oct. 24, 1963. Records available: 1948-63. Fluctuation caused primarily by regional pumping.

Feb. 5, 1959	62.0	May 11, 1960	62.6	June 9, 1961	65.2	Aug. 1, 1962	67.2
Mar. 19	62.2	June 30	63.6	July 12	64.9	Sept. 20	67.4
June 18	61.4	Aug. 11	64.0	Aug. 31	64.3	Nov. 7	68.4
Aug. 20	62.0	Sept. 22	63.0	Oct. 18	66.0	Jan. 10, 1963	68.1
Sept. 24	62.4	Nov. 10	64.9	Nov. 29	66.5	Mar. 7	68.1
Nov. 5	62.5	Dec. 15	64.8	Jan. 10, 1962	66.8	Apr. 25	68.3
Dec. 17	63.0	Jan. 12, 1961	64.8	Feb. 28	66.0	June 20	68.8
Jan. 28, 1960	63.1	Mar. 9	64.7	Apr. 18	66.2	Aug. 30	69.6
Mar. 24	62.8	Apr. 19	64.3	June 5	66.5	Oct. 24	70.3

Okeechobee County

272315N0810109.1. Local number 2. U. S. Geol. Survey. On Florida Highway 66, 1 mi west of Bassinger. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 35 S., R. 33 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 21 ft, cased to 18, gravel-packed 16-21. Lsd 47.80 ft above msl. MP top of casing, 2.98 ft above lsd. Highest water level 48.10 above msl, Oct. 9, 1953; lowest 38.63 above msl, June 23, 1962. Records available: 1949-63.

272315N0810109.1--Continued.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+41.40	+42.14	+42.37	+43.83	+42.60	+43.61	+45.48	+46.83	+45.92	.....	+45.62	+44.72
10	41.51	42.13	42.42	43.58	42.36	44.16	46.78	47.68	46.85	+45.55	45.36	44.62
15	41.46	42.10	42.45	43.37	42.20	44.56	45.75	47.17	46.05	45.14	45.16	44.52
20	41.35	.....	44.11	43.19	42.12	46.39	47.04	47.12	47.01	47.79	44.99	44.42
25	41.45	.....	44.22	43.01	42.59	45.55	46.02	47.22	46.97	47.52	45.39	44.90
Eom	42.10	.....	43.94	42.81	43.88	45.29	46.46	45.79	.....	46.41	44.87	44.69

1960

5	+44.42	+44.60	+45.03	+45.45	+44.78	.....	.....	+47.71	+47.43	+46.45	+45.48	+44.33
10	44.23	44.57	44.72	44.95	44.35	.....	+45.68	47.60	48.08	47.43	45.07	44.20
15	44.10	45.14	44.58	44.71	44.12	.....	45.62	47.00	46.87	46.18	45.00	44.06
20	43.95	45.09	45.78	44.59	43.88	.....	46.50	45.71	47.68	46.04	44.81	44.01
25	43.81	45.19	45.78	44.74	e43.62	.....	45.60	47.74	47.93	45.36	44.62	43.88
Eom	43.76	44.98	45.39	44.47	.....	.....	47.40	47.70	47.83	46.07	44.50	43.78

1961

5	+43.64	+43.64	+43.27	+44.05	+42.79	+43.43	+42.13	+41.68	+42.09	+42.22	+41.25	+40.78
10	43.63	43.54	43.17	43.87	42.64	43.13	42.00	41.70	41.93	41.92	41.18	40.69
15	44.37	43.44	43.37	43.63	42.47	42.87	41.93	41.65	41.73	41.71	41.10	40.62
20	44.24	43.35	44.19	43.37	42.30	42.60	41.82	41.59	41.55	41.57	41.03	40.55
25	43.98	43.51	44.05	43.14	42.11	42.40	41.73	41.54	42.47	41.43	40.93	40.47
Eom	43.77	43.43	43.72	42.95	43.63	42.26	41.64	41.87	42.42	41.33	40.86	40.38

1962

5	+40.31	+39.93	+39.59	+39.28	+39.08	+38.75	+40.72	+40.98	+46.24	+45.72	+44.31	+44.22
10	40.25	39.86	39.52	39.24	39.07	38.70	40.80	41.05	45.95	45.32	45.32	44.10
15	40.20	39.78	39.45	39.29	39.01	38.68	41.75	42.58	45.94	45.05	44.93	43.98
20	40.13	39.73	39.39	39.22	38.95	38.64	41.75	43.23	46.79	44.81	44.66	43.88
25	40.08	39.67	39.37	39.17	38.90	39.66	41.52	43.92	46.85	44.64	44.53	43.80
Eom	40.00	39.64	39.33	39.12	38.82	40.18	41.20	45.81	46.30	44.44	44.37	43.68

1963

5	+43.50	+43.00	+44.03	+42.83	+42.32	+43.76	.....	.....	+41.61	+42.46	+40.98	.....
10	43.41	42.91	43.85	42.65	42.29	44.17	.....	.....	41.37	42.04	41.23	+40.83
15	43.32	42.91	43.72	42.45	42.05	43.93	.....	+41.43	41.16	41.79	41.75	40.84
20	43.26	43.28	43.53	42.27	41.83	43.70	.....	41.39	41.06	41.59	41.67	.....
25	43.16	43.39	43.26	42.08	42.07	e43.34	.....	41.99	42.48	41.38	41.50	.....
Eom	43.08	44.07	43.02	41.96	42.87	e44.30	.....	41.82	42.77	41.14	41.31	41.82

e Estimated.

272901N0804821.1. Local number 3. U. S. Geol. Survey. On Florida Highway 15, 2 mi south of Fort Drum. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 34 S., R. 35 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 22 ft, cased to 19, gravel-packed 14-22. Lsd 62.00 ft above msl. MP top of casing, 3.30 ft above lsd. Highest water level 61.93 above msl, Oct. 15, 1956; lowest 56.75 above msl, Mar. 31, 1949, May 20, 1950. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+59.61	+60.20	+59.90	+60.01	+59.47	+60.65	+60.56	+59.90	+61.14	+59.90	+60.60	+59.97
10	59.32	59.77	59.87	59.69	59.17	60.32	59.96	60.70	60.48	59.73	60.98	59.87
15	59.15	59.56	59.82	60.53	59.61	61.09	60.28	60.80	61.31	59.63	60.50	59.78
20	59.05	59.43	61.32	60.82	60.85	61.56	61.00	60.53	61.29	61.33	60.25	59.72
25	61.03	59.25	60.55	60.22	60.27	61.00	60.40	60.32	60.95	61.17	61.05	60.38
Eom	60.08	60.47	60.06	59.78	60.81	60.22	59.77	59.72	60.22	61.33	60.15	59.95

1960

5	+59.75	+61.00	+59.92	+60.10	+59.29	+60.84	+60.77	+60.52	+60.95	+60.59	+60.70	+59.05
10	59.60	60.15	59.62	59.49	59.02	60.55	59.90	60.07	61.48	60.55	e60.22	58.95
15	59.50	60.06	60.14	59.31	58.82	59.68	60.46	60.03	60.80	60.27	e59.75	59.42
20	59.39	59.90	60.99	59.29	58.63	61.50	60.32	59.58	61.27	60.58	59.59	59.14
25	59.28	60.44	60.15	59.37	58.62	61.39	61.01	60.66	61.60	e59.90	59.37	58.95
Eom	59.57	59.90	59.85	59.08	59.65	60.50	61.35	60.67	61.39	e60.62	59.25	58.82

1961

5	+58.70	+59.40	+58.46	+58.71	+57.91	+57.93	+58.27	+57.60	+59.61	+58.69	+58.45	+58.31
10	59.23	59.31	58.30	58.53	57.65	58.30	58.23	57.57	59.95	58.55	58.50	58.15
15	59.85	59.02	58.48	58.25	57.52	58.33	57.92	58.53	59.34	59.18	58.28	58.06
20	59.46	58.83	58.43	57.97	57.40	e58.06	58.33	60.01	59.19	58.93	58.68	57.97
25	59.27	58.80	58.10	57.82	57.28	e58.16	58.08	60.01	58.88	58.60	58.82	57.88
Eom	59.12	58.60	58.02	57.68	58.20	e58.52	57.67	60.27	59.06	58.50	58.55	57.82

e Estimated.

272901N0804821.1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+57.74	+57.58	+57.20	+57.73	+57.80	+57.87	+59.78	+61.08	+61.31	+60.10	+59.39	+59.64
10	58.05	57.55	57.10	57.61	57.96	58.50	61.29	61.28	61.21	59.90	60.90	59.52
15	57.95	57.45	57.05	58.15	58.43	58.74	61.05	61.31	61.10	59.81	60.07	59.41
20	57.82	57.39	56.97	57.90	58.04	58.62	60.93	60.80	61.33	59.60	59.85	59.37
25	57.72	57.32	57.48	57.68	57.78	59.88	61.10	61.31	61.03	59.49	59.93	59.53
Eom	57.64	57.27	57.88	57.48	57.62	60.25	61.17	61.11	60.31	59.66	59.73	59.28

1963

5	+59.15	+59.27	+60.02	+58.77	+59.02	+60.50	+61.10	+59.37	+60.28	+60.18	+59.58	+59.47
10	59.18	58.97	60.29	58.55	58.50	59.64	60.02	59.00	59.83	59.90	60.87	59.35
15	59.35	59.62	59.72	58.31	58.16	59.92	60.70	58.78	59.61	60.15	60.15	59.28
20	59.26	60.42	59.39	58.13	57.87	59.75	60.30	59.60	59.81	59.83	59.80	59.93
25	59.21	59.84	59.10	58.50	59.92	59.63	59.81	59.60	61.47	59.62	59.74	60.00
Eom	59.12	60.63	59.17	58.34	59.98	60.68	59.62	58.92	60.65	59.41	59.60	61.05

Orange County

283253N0812834.1. Local number 47. Orange County. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 22 S., R. 28 E. Drilled unused artesian well in Floridan aquifer, diam 8 to 6 in, depth 350 ft, cased to 328. Lsd 72.12 ft above msl. MP top of 6-in casing, 10.00 ft above lsd. Highest water level 8.66 above lsd, Mar. 20, 1960; lowest 14.30 below lsd, May 25, 1962. Records available: 1930-33, 1943-63.

Highest water level for the day, above and below lsd, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-4.01	-5.77	-2.59	+0.71	-2.62	-3.47	-1.43	+1.11	+1.38	+2.52	....	+0.96
10	5.09	5.64	4.03	-1.37	3.37	3.28	1.55	2.83	2.04	4.34	+2.25	.76
15	5.47	6.00	-3.91	1.58	3.19	-3.63	1.27	2.23	5.32	....	2.07	.60
20	5.77	6.20	+2.85	-1.80	2.44	+1.85	-.45	2.27	6.20	....	1.77	.40
25	5.34	4.75	+2.38	+1.60	2.31	-.51	+1.13	.82	5.68	....	1.63	.60
Eom	5.60	2.75	-2.39	-1.37	3.10	1.56	-.32	.86	4.35	....	1.45	.30

1960

5	+0.18	+1.82	+2.04	....	....	-0.07	+1.47	....	....	....	....	+3.52
10	-.09	.00	.02	....	....	.23	3.90	....	....	....	....	3.10
15	.26	-.47	4.32	....	....	-.87	3.46	....	....	....	....	3.17
20	.68	-.90	8.66	....	....	+.43	....	+5.55	....	....	....	2.87
25	1.34	+1.38	8.02	....	....	1.90	....	5.19	....	....	....	2.62
Eom	-.87	.86	+7.32	....	....	2.22	....	....	....	....	....	2.43

1961

5	+2.00	+1.16	-0.21	-1.85	-4.56	-6.24	-5.52	-5.40	-5.83	-6.84	-7.15	-8.10
10	1.57	1.76	.76	2.22	4.66	6.19	5.50	5.81	6.13	7.04	7.17	6.70
15	1.90	.88	1.14	2.52	4.86	6.40	5.64	6.03	6.22	3.43	7.47	8.30
20	1.38	.47	.81	3.17	5.60	6.23	4.88	5.98	5.29	6.44	7.60	7.49
25	.94	.49	1.30	3.65	5.72	5.99	4.68	6.16	5.87	6.93	7.61	8.23
Eom	.74	+.18	1.66	4.28	5.77	5.61	5.46	5.50	6.44	7.03	7.85	8.44

1962

5	-8.69	-9.56	-10.20	-10.51	-12.25	-12.71	-12.39	-10.30	-10.00	-7.61	-9.85	-10.19
10	8.77	7.10	10.80	10.47	12.50	12.01	12.50	10.75	9.74	8.67	9.68	10.42
15	8.72	9.29	10.73	10.90	12.75	12.21	11.08	11.26	9.68	9.18	9.75	10.85
20	8.98	9.70	10.37	11.32	13.00	11.95	11.79	11.10	7.43	9.53	9.97	10.97
25	9.22	10.06	8.50	12.07	13.58	11.60	11.91	9.79	6.64	9.78	9.77	10.90
Eom	9.38	10.32	10.17	11.92	12.80	12.23	11.06	9.80	7.86	9.84	9.97	10.51

1963

5	-10.81	-9.11	-6.99	-10.60	-11.48	-11.76	-10.82	-10.42	-10.81	....	....	-8.88
10	10.95	9.91	7.39	10.49	12.00	11.90	11.09	10.80	10.62	....	....	9.23
15	11.12	....	8.64	10.76	12.38	12.51	10.87	11.20	10.78	....	....	9.52
20	11.10	....	9.00	11.56	12.82	12.79	11.00	8.80	10.80	....	....	9.40
25	9.74	9.92	9.49	12.10	12.15	12.32	11.04	9.40	....	....	....	8.80
Eom	10.22	8.21	9.82	12.12	11.11	11.14	11.30	10.44	....	....	-8.37	8.74

283253N0812834.2. Local number 47B. U.S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 22 S., R. 28 E. Drilled observation water-table well in sand, diam 6 in, depth 17 ft, cased to 17. MP top of casing, 9.80 ft above lsd. Highest water level 9.8 above lsd, Oct. 11, 1960; lowest 10.27 below lsd, July 6, 1962. Records available: 1948-63.

283253N0812834.2--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 11, 1959	-4.20	June 2, 1960	+3.04	Aug. 7, 1961	-2.69	Nov. 6, 1962	-7.98
Mar. 24	.94	July 5	4.19	Sept. 6	2.96	Dec. 11	8.38
May 13	-3.30	19	5.65	Oct. 11	3.77	Jan. 9, 1963	8.93
June 23	+4.44	Aug. 18	4.43	Nov. 7	4.27	Feb. 21	8.48
Aug. 12	2.15	Oct. 11	9.8	Dec. 14	5.40	Mar. 21	7.30
Oct. 7	5.41	Dec. 5	6.02	Jan. 11, 1962	6.09	Apr. 19	8.20
14	5.84	Jan. 3, 1961	6.67	Feb. 7	6.87	May 21	9.46
Nov. 8	4.93	Feb. 6	5.91	Mar. 15	7.89	June 19	9.91
17	+4.98	Mar. 3	5.06	Apr. 17	8.40	Aug. 5	8.68
Jan. 15, 1960	-3.41	Apr. 11	2.90	May 23	10.01	Sept. 26	8.15
Mar. 11	+2.85	28	+67	July 6	10.27	Oct. 22	8.28
18	5.42	June 2	-1.11	Aug. 21	9.51	Nov. 26	7.20
Apr. 19	5.30	July 4	1.99	Sept. 28	7.30	Dec. 26	7.32

283222N0812833.1. Local number 47C. U.S. Geol. Survey. SE $\frac{1}{4}$ SE $\frac{1}{4}$ (previously reported NE $\frac{1}{4}$ SE $\frac{1}{4}$) sec. 26, T. 22 S., R. 28 E. Drilled observation water-table well in sand, diam 6 in, depth 50 ft, cased to 46, gravel-packed 44-50. MP top of casing, 3.80 ft above lsd. Highest water level 21.11 below lsd, Oct. 18, 1960; lowest 39.35 below lsd, June 4, 1953. Records available: 1948-63.

Feb. 11, 1959	35.26	June 2, 1960	27.47	Aug. 7, 1961	32.16	Nov. 6, 1962	36.22
Mar. 24	33.33	July 5	28.44	Sept. 6	32.76	Dec. 11	35.91
May 13	32.78	19	28.49	Oct. 11	34.01	Jan. 9, 1963	36.13
June 23	32.51	Aug. 18	25.68	Nov. 7	33.70	Feb. 21	36.72
Aug. 12	31.84	Oct. 18	21.11	Dec. 14	34.20	Mar. 21	36.87
Oct. 7	28.11	Dec. 5	22.75	Jan. 11, 1962	34.60	Apr. 19	36.18
14	27.75	Jan. 3, 1961	24.22	Feb. 7	36.92	May 21	35.68
Nov. 8	27.48	Feb. 6	25.98	Mar. 15	35.52	June 19	35.73
17	27.52	Mar. 3	27.11	Apr. 17	35.97	Aug. 5	36.21
Jan. 15, 1960	29.89	Apr. 11	28.65	May 23	36.40	Sept. 26	35.55
Mar. 11	30.30	28	29.30	July 6	36.87	Oct. 22	35.05
31	26.87	June 2	30.44	Aug. 21	37.26	Nov. 26	34.77
Apr. 19	26.47	July 4	31.36	Sept. 28	36.93	Dec. 26	34.58

Osceola County

281722N0805429.1. Local number 171. U.S. Geol. Survey. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 25 S., R. 34 E. Jetted observation water-table well in sand of Pleistocene age, diam 6 in, depth 19 ft, cased to 13, gravel-packed 11-19. Lsd 31.60 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 33.56 above msl, Sept. 23, 1960; lowest 27.83 above msl, June 10-20, 1956. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+31.51	+31.52	+31.72	+31.75	+30.95	+30.44	+30.90	.....	+30.78	+30.97	+31.15	+31.17
10	31.25	31.73	31.52	31.32	30.52	29.98	.....	.....	30.52	31.68	30.95	31.07
15	31.08	31.51	31.85	31.75	31.25	30.49	.....	.....	31.25	31.54	30.78	31.01
20	31.12	31.29	32.69	31.52	31.38	31.82	.....	+30.63	32.16	32.26	31.52	31.05
25	31.71	31.10	31.78	31.87	31.17	31.23	.....	30.05	31.78	31.86	31.68	31.42
Eom	31.55	31.89	31.45	31.43	30.68	30.65	.....	30.80	31.42	31.43	31.37	31.32

1960

5	+31.30	+31.58	+31.63	+31.15	+30.60	+31.72	+31.35	+31.69	+31.67	+31.77	+31.30	+30.71
10	31.21	31.40	31.40	30.83	30.33	31.20	31.48	31.28	32.30	32.30	31.16	30.62
15	31.11	31.29	32.20	30.72	29.74	30.81	31.66	31.00	31.96	31.78	31.21	30.92
20	30.97	31.35	32.15	30.62	29.27	31.47	31.99	30.75	31.95	31.50	31.04	30.66
25	30.92	31.83	31.52	30.58	29.54	31.45	32.54	31.48	32.70	31.24	30.93	30.80
Eom	31.22	31.72	31.28	30.62	30.14	32.08	32.18	31.33	32.11	31.52	30.91	30.80

1961

5	+30.72	+31.41	+30.83	+30.95	+30.76	+28.92	+31.85	+30.67	+31.20	+30.60	+30.24	+29.04
10	30.98	31.52	30.50	31.13	30.90	28.76	31.33	29.96	30.85	30.19	29.98	28.94
15	31.89	31.20	31.34	30.77	30.33	29.02	31.00	29.40	30.44	30.20	29.65	28.85
20	31.55	31.15	31.57	30.74	29.67	28.57	31.53	29.65	31.38	29.82	29.35	29.05
25	31.37	31.15	31.13	30.30	29.19	29.38	31.12	29.85	31.05	29.49	29.50	28.74
Eom	31.36	30.95	31.47	29.72	29.54	31.09	30.63	31.68	30.94	30.05	29.15	28.67

281722N0805429. 1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	+29.59	+28.99	+29.26	+30.15	+29.45	+28.40	+31.15	+31.90	+31.60	+31.56	+30.40	+31.17
10	29.57	30.39	28.97	31.01	29.00	28.51	31.43	31.63	31.28	31.30	31.53	31.08
15	29.68	30.33	29.41	31.10	28.69	28.44	31.50	31.68	31.18	31.05	31.34	30.96
20	29.51	30.05	30.33	30.85	28.46	28.81	31.59	32.33	31.55	30.88	31.14	30.90
25	29.37	29.66	30.55	30.47	28.36	29.65	31.47	31.95	31.77	30.71	31.48	31.05
Eom	29.15	29.48	30.12	29.98	28.15	31.43	31.74	31.93	31.62	30.41	31.28	31.23

1963

5	+31.09	+31.60	+31.90	+31.18	+30.36	+31.11	+30.67	+31.33	+31.67	.....	+30.98	+31.65
10	31.10	31.44	31.85	30.95	29.54	30.89	30.84	31.06	31.24	+31.52	32.88	31.40
15	31.40	31.88	31.74	30.57	29.10	30.55	31.25	31.48	31.00	31.55	31.85	31.50
20	31.43	31.80	31.44	30.02	28.70	29.88	31.27	31.35	31.93	31.50	31.53	31.65
25	31.48	31.65	31.22	30.00	30.39	29.35	31.56	31.82	32.54	31.20	32.95	31.86
Eom	31.47	32.08	31.35	29.35	31.26	30.90	30.95	31.36	31.39	30.90	31.92	31.80

280620N0805426. 1. Local number 179. U.S. Geol. Survey. On U. S. Highway 192, near Deer Park. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 27 S., R. 34 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 18 ft, cased to 18, gravel-packed 13-18. Lsd 45.00 ft above msl. MP top of casing, 3.04 ft above lsd. Highest water level 48.38 above msl, Sept. 11, 1960; lowest 43.14 above msl, June 5, 1962. Records available: 1949-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+44.96	+45.16	+46.59	+46.78	+46.08	+46.68	+46.55	+45.25	+45.03	+46.15	+46.47	+46.12
10	44.83	45.30	46.63	46.50	45.84	46.36	46.22	45.14	44.88	46.79	46.31	45.95
15	44.67	45.46	46.77	46.71	46.16	47.15	46.02	45.48	45.55	46.46	46.13	45.85
20	44.57	45.38	47.68	46.60	46.74	47.13	45.92	45.17	47.10	47.19	46.52	45.77
25	44.97	45.16	46.83	46.69	46.72	46.78	45.71	44.94	46.90	46.89	46.74	45.82
Eom	45.15	46.08	46.79	46.32	46.70	46.46	45.45	44.86	46.55	46.71	46.43	45.68

1960

5	+45.60	+46.42	+46.46	+47.05	+46.85	+47.05	+47.07	+47.01	+46.95	+46.95	+46.42	+45.59
10	45.49	46.24	45.98	46.58	46.54	46.88	46.83	46.89	48.34	47.34	46.12	45.48
15	45.38	45.98	47.48	46.36	46.16	46.38	47.32	47.08	47.00	46.95	46.13	45.41
20	45.25	45.79	47.13	46.17	45.85	47.77	47.16	46.52	46.92	46.72	45.98	45.27
25	45.15	46.47	46.81	46.21	45.68	46.98	48.27	46.82	47.73	46.50	45.84	45.20
Eom	45.23	46.37	46.76	45.95	46.61	47.23	47.50	47.04	47.70	46.65	45.74	45.11

1961

5	+45.03	+45.91	+45.52	+45.51	+44.75	+43.99	+44.18	+45.08	+46.16	+46.17	+46.74	+45.63
10	44.98	46.52	45.37	45.53	44.73	43.85	44.48	44.83	45.75	46.05	46.53	45.46
15	46.80	46.12	45.72	45.33	44.53	43.82	45.73	44.90	45.40	46.97	46.20	45.33
20	46.57	45.87	46.61	45.17	44.33	43.74	46.37	46.28	46.97	46.63	46.01	45.22
25	46.22	45.73	46.18	45.00	44.17	43.70	45.84	45.73	46.65	46.35	45.92	45.08
Eom	45.98	45.64	45.75	44.83	44.11	44.11	45.20	46.69	46.38	46.47	45.77	44.97

1962

5	+44.87	+44.38	+43.90	+44.29	+43.93	+43.51	+44.60	+46.80	+46.68	+46.45	.....	+45.31
10	44.82	44.32	43.79	44.52	43.75	44.03	44.65	46.88	46.77	46.20	.....	45.20
15	44.75	44.19	43.71	44.83	43.60	44.45	46.05	46.71	46.91	45.98	+46.10	45.14
20	44.67	44.10	43.65	44.59	43.47	44.45	46.12	47.15	47.10	45.80	45.80	45.06
25	44.59	44.01	44.17	44.33	43.39	44.45	45.62	47.04	46.92	45.63	45.60	44.98
Eom	44.49	44.00	44.37	44.12	43.27	44.50	45.47	46.78	46.67	.....	45.45	44.88

1963

5	+44.70	+45.63	+46.94	+45.92	+45.30	+46.55	+46.25	+46.37	+46.50	+46.98	+46.07	+46.72
10	44.63	45.55	47.32	45.73	44.98	46.00	46.57	45.90	46.65	46.88	47.69	46.58
15	44.63	46.78	47.00	45.51	44.74	45.66	46.82	45.93	46.18	46.70	46.80	46.54
20	44.55	47.02	46.71	45.30	44.53	45.53	46.50	47.08	47.57	46.72	46.70	46.69
25	44.74	46.73	46.37	45.08	45.92	45.29	46.90	46.83	47.71	46.45	47.32	46.96
Eom	45.15	47.00	46.10	45.05	46.82	46.43	46.25	46.67	46.89	46.20	46.89	46.90

281143N0810943. 1. Local number 181. U.S. Geol. Survey. On U. S. Highway 192. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 26 S., R. 31 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 15 ft, cased to 14, gravel-packed 11-15. Lsd 79.00 ft above msl. MP top of casing, 3.05 ft above lsd. Highest water level 79.60 above msl, Sept. 17, 1960; lowest 71.59 above msl, June 8, 1962. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+75.07	+75.36	+76.04	+76.80	+76.14	+75.85	+78.16	+76.82	+75.85	+77.66	+76.70	+75.91
10	74.87	75.43	75.77	76.36	75.87	75.71	77.02	76.58	75.99	77.25	76.50	75.80
15	74.67	75.25	76.29	76.25	76.59	75.52	76.70	76.48	77.52	77.20	76.37	75.70
20	74.57	75.07	77.78	76.57	76.70	76.99	76.70	76.23	77.81	78.10	76.23	75.61
25	75.81	74.90	76.91	76.95	76.37	76.62	77.18	76.26	77.28	77.42	76.23	75.95
Eom	75.53	75.46	76.48	76.46	76.08	76.20	76.63	75.90	76.77	76.93	76.05	75.83

281143N0810943.1--Continued.

1960											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+75.63	+76.15	+75.73	+77.30	+76.79	+78.32	+78.15	+78.22	+78.50	+77.04	+76.48 +75.40
10	75.48	75.98	75.50	76.85	76.43	77.70	79.00	78.33	79.40	77.60	76.15 75.29
15	75.38	75.77	76.89	76.62	76.10	77.08	79.25	78.22	77.92	76.97	76.03 75.22
20	75.28	75.60	78.11	76.42	75.83	78.16	78.85	77.46	77.51	76.77	75.84 75.12
25	75.16	76.07	77.49	76.28	75.60	77.83	79.33	78.07	78.74	76.44	75.69 75.09
Eom	75.12	75.96	77.37	76.15	77.00	78.65	79.41	78.20	77.58	76.90	75.56 75.02
1961											
5	+74.93	+74.88	+74.62	+74.30	+73.73	+73.31	+73.93	+73.50	+74.33	+73.81	+73.10 +72.76
10	74.88	75.41	74.50	74.27	73.77	74.18	73.70	73.25	74.03	73.63	73.10 72.69
15	75.62	75.17	74.55	74.13	73.70	73.10	73.60	73.14	73.87	73.51	73.02 72.61
20	75.40	74.94	74.90	74.05	73.54	73.03	73.93	73.24	74.35	73.39	72.95 72.60
25	75.14	74.79	74.76	73.91	73.40	73.28	74.12	73.25	74.30	73.27	72.89 72.56
Eom	74.97	74.72	74.40	73.78	73.51	73.93	73.86	74.65	74.00	73.20	72.82 72.50
1962											
5	+72.78	+72.52	+72.42	+72.76	+72.17	+71.64	+72.93	+73.20	+74.55	+75.20	+73.85 +74.06
10	72.85	72.62	72.37	72.74	72.09	71.70	72.83	73.34	75.26	74.86	75.00 73.95
15	72.86	72.70	72.33	72.58	72.02	71.84	72.66	73.48	74.94	74.54	74.84 73.84
20	72.80	72.60	72.60	72.39	71.93	72.36	72.85	73.76	74.72	74.29	74.55 73.76
25	72.72	72.50	72.68	72.30	71.83	72.70	72.65	74.65	74.83	74.12	74.35 73.70
Eom	72.61	72.47	72.75	72.24	71.72	72.88	73.00	74.78	74.67	73.95	74.20 73.68
1963											
5	+73.58	+74.25	+75.90	+74.55	+74.00	+74.82	+75.30	+75.51	+75.52	.....	+74.86 +76.16
10	73.55	74.43	75.65	74.39	73.77	74.43	75.24	75.39	75.25	+75.69	77.61 76.00
15	73.57	75.39	75.48	74.20	73.62	74.25	75.50	76.38	75.07	75.51	76.93 75.90
20	73.67	75.32	75.23	74.02	73.50	74.08	75.65	76.39	76.68	75.39	76.50 75.97
25	73.89	75.15	74.90	73.83	73.33	74.42	75.88	76.33	.....	75.23	76.66 76.27
Eom	73.95	75.80	74.76	73.70	74.99	75.83	75.41	75.93	75.71	75.00	76.45 76.25

274646N0810747.1. Local number 182. U. S. Geol. Survey. On Florida Highway 60, 4.3 mi east of Kissimmee River bridge. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 31 S., R. 32 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 23 ft, cased to 16, gravel-packed 14-23. Lsd 62.00 ft above msl. MP top of casing, 2.72 ft above lsd. Highest water level 61.73 above msl, Oct. 18, 1952; lowest 55.94 above msl, Aug. 13-15, 1950. Records available: 1949-63.

Highest water level for the day, above msl, from recorder graph, 1959											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+58.52	+59.07	+60.29	+60.86	+59.58	+61.42	+61.50	+60.32	+61.40	.....	+60.13 +59.47
10	58.58	59.65	60.25	59.98	59.27	61.37	61.35	60.25	61.24	+60.05	59.74 59.28
15	58.55	59.40	59.99	60.45	60.28	61.39	61.35	59.87	61.42	60.44	59.51 59.18
20	58.61	59.73	61.60	60.82	60.29	61.62	60.44	61.12	61.47	61.56	59.37 59.09
25	58.85	59.30	61.18	61.12	60.08	61.17	60.57	61.05	61.28	61.52	59.97 60.47
Eom	59.00	59.79	61.00	60.08	61.14	60.67	59.87	60.42	.....	60.77	59.80 60.30
1960											
5	+60.07	+61.35	+61.32	+61.32	+59.77	+59.58	+61.24	+61.32	+61.42	+61.22	+60.70 +58.95
10	59.75	61.16	60.85	60.75	59.43	59.60	60.78	61.32	61.49	61.33	59.98 58.82
15	59.47	61.37	61.45	59.97	59.15	59.25	61.30	61.02	61.32	61.04	59.59 58.73
20	59.25	61.23	61.58	59.92	58.87	61.27	61.38	60.29	60.98	60.38	59.44 58.95
25	59.05	61.32	61.00	60.41	58.63	61.27	61.45	60.70	61.55	60.03	59.26 58.90
Eom	59.28	61.30	60.35	60.30	59.22	61.27	61.50	60.72	61.44	60.52	59.12 58.78
1961											
5	+58.65	+60.77	+59.30	+59.53	+58.29	+58.70	+61.50	+60.41	+61.06	+58.65	+58.77 +58.05
10	58.95	61.07	59.09	59.73	58.13	58.49	61.37	60.13	60.27	58.43	58.63 57.98
15	60.84	60.42	59.19	59.54	58.06	58.30	60.95	59.98	59.80	59.72	58.47 57.88
20	60.38	59.94	59.96	59.16	57.94	58.14	60.10	60.90	59.52	59.50	58.33 57.80
25	59.96	59.64	59.64	58.79	57.79	59.60	59.84	61.38	59.21	59.13	58.22 57.73
Eom	59.77	59.48	59.18	58.51	58.93	60.55	59.57	61.49	58.88	58.91	58.15 57.62
1962											
5	+57.51	+57.40	+57.23	+57.98	+57.35	+57.35	+60.45	+60.60	+60.57	+60.58	+59.08 +59.72
10	57.50	57.35	57.16	58.02	57.20	58.18	61.22	61.40	59.94	60.45	61.10 59.72
15	57.50	57.36	57.10	58.02	57.09	58.72	61.21	61.40	61.20	59.85	60.97 59.55
20	57.51	57.35	57.05	57.89	57.00	61.17	61.39	61.10	61.25	59.52	60.48 59.40
25	57.50	57.31	57.37	57.71	56.90	61.28	61.32	61.17	61.50	59.60	60.25 59.33
Eom	57.44	57.29	57.95	57.53	56.80	60.99	60.23	61.10	61.20	59.27	59.94 59.32

274646N0810747.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+59.19	+59.96	+61.22	+59.23	+59.87	+60.98	+61.08	+59.39	+58.55	+60.50	+59.73	+59.43
10	+59.20	+59.83	+61.08	+59.63	+59.50	+61.33	+60.30	+59.08	+58.36	+59.87	+60.43	+59.27
15	+59.13	+60.77	+61.12	+59.40	+59.10	+60.71	+59.97	+58.80	+58.87	+59.55	+60.60	+59.13
20	+59.13	+61.33	+60.50	+59.05	+58.78	+60.29	+60.05	+58.79	+61.30	+59.42	+60.12	+59.97
25	+59.55	+61.05	+59.92	+59.05	+58.92	+60.74	+59.70	+59.06	+61.52	+59.20	+59.86	+60.78
Eom	+60.11	+61.36	+59.49	+59.18	+61.02	+61.53	+59.59	+58.79	+61.17	+58.96	+59.65	+60.91

e Estimated.

274825N0810109.1. Local number 183. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 31 S., R. 33 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in depth 27 ft, cased to 22, gravel-packed 16-27. Lsd 73.00 ft above msl. MP top of casing, 3.83 ft above lsd. Highest water level 73.43 above msl, Oct. 9, 1953; lowest 68.28 above msl, June 19-20, 1956. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+72.38	+73.04	+72.17	+71.57	+70.54	+72.87	+72.13	+71.11	+71.92	+71.15	+71.28	+71.00
10	72.70	72.83	72.19	71.07	70.31	72.07	72.34	71.63	72.72	72.03	71.08	70.85
15	71.97	71.73	71.87	71.31	70.75	73.16	72.40	71.80	73.13	71.53	71.02	70.75
20	71.81	71.98	73.24	71.63	71.81	72.78	73.05	71.44	72.95	73.18	71.14	70.67
25	+72.97	71.40	72.23	71.27	71.36	71.99	72.51	71.16	72.17	72.70	72.09	71.55
Eom	72.21	73.11	72.10	70.82	71.92	71.92	71.56	70.67	71.52	71.74	71.28	71.26

1960

5	+71.08	+73.10	+72.50	+73.02	+71.03	+72.26	+71.60	+72.23	+73.09	+72.27	+71.50	+70.39
10	70.78	72.13	71.69	71.52	70.71	71.38	71.08	73.23	72.93	71.13	70.78	70.28
15	70.60	72.62	73.20	71.11	70.44	70.85	71.00	71.39	72.51	72.22	71.05	70.41
20	70.44	72.09	72.93	70.89	70.16	72.93	71.46	70.99	73.18	71.65	70.82	70.44
25	70.28	73.09	71.80	71.90	69.95	73.12	71.10	73.10	73.22	71.20	70.66	70.42
Eom	70.68	73.04	71.69	71.52	71.02	72.39	73.09	72.30	73.15	72.27	70.54	70.21

1961

5	+70.05	+71.88	+70.81	+71.13	+70.09	+70.45	+72.77	+71.66	+71.68	+70.61	+71.42	+70.36
10	70.51	71.97	70.50	71.75	69.94	70.06	73.30	71.95	72.96	70.45	71.15	70.27
15	72.24	71.37	70.72	71.04	69.82	70.62	72.12	71.80	71.70	71.49	70.82	70.20
20	71.67	71.10	72.00	70.68	69.65	70.10	73.24	72.80	71.29	71.00	70.60	70.10
25	71.34	70.91	71.20	70.40	69.50	72.47	72.45	73.15	71.00	71.07	70.80	70.02
Eom	71.17	70.77	70.79	70.14	70.88	72.07	71.61	72.82	71.03	71.57	70.50	69.93

1962

5	+69.89	+69.67	+69.45	+70.32	+69.49	+68.94	+71.75	+71.22	+71.39	+72.78	+70.48	+70.99
10	70.06	69.92	69.40	70.75	69.37	71.10	72.61	71.35	72.87	71.55	72.27	71.18
15	70.04	69.85	69.33	70.35	69.27	70.92	72.15	72.08	73.17	71.13	71.88	70.85
20	69.90	69.66	69.30	70.05	69.16	71.74	73.08	71.50	73.10	70.83	71.44	70.74
25	69.84	69.55	70.18	69.83	69.12	72.09	72.29	71.38	72.30	70.95	71.34	70.90
Eom	69.74	69.51	70.34	69.67	69.02	72.07	71.57	72.00	71.57	70.52	71.15	70.63

1963

5	+70.43	+71.02	+72.26	+70.52	+70.50	+70.92	+70.36	+69.71	+69.25	+71.89	+70.50	+70.91
10	70.44	70.77	72.97	71.15	70.00	71.07	70.20	69.51	69.13	71.35	72.46	70.76
15	70.63	71.93	71.85	70.62	69.78	70.75	70.33	69.35	69.02	71.14	71.71	70.97
20	70.49	73.05	71.35	70.27	69.62	70.90	70.62	69.25	72.44	70.96	71.36	71.57
25	70.82	71.94	71.02	70.05	70.50	70.38	70.35	70.01	72.98	70.76	71.22	72.32
Eom	71.15	72.92	70.79	69.95	71.10	71.03	69.91	69.53	72.00	70.50	71.14	72.63

e Estimated.

Palm Beach County

263652N0800338.1. Local number 88. U. S. Geol. Survey. South F St. and 1st Ave., Lake Worth. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 28, T. 44 S., R. 43 E. Drilled observation water-table well in sand of Biscayne aquifer, diam 6 in, depth 17 ft, cased to 16, gravel-packed 12-17. Lsd 14.44 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 15.47 above msl, Oct. 5, 1948; lowest 3.14 above msl, Mar. 24, 1962. Records available: 1944-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+7.97	+7.29	+6.51	+6.86	+6.06	+5.54	+8.20	+8.92	+8.33	+8.28	+9.32	+9.45
10	7.82	7.20	6.40	6.61	5.88	5.40	8.17	8.70	8.23	8.46	9.28	9.19
15	7.57	7.09	6.32	6.37	5.68	5.50	7.88	8.45	9.02	8.54	9.12	8.94
20	7.38	6.93	6.75	6.25	....	8.11	8.06	8.36	8.95	9.67	10.08	8.70
25	7.37	6.76	7.14	6.46	....	8.62	8.85	8.17	8.76	10.02	10.11	8.73
Eom	7.45	6.65	7.05	6.29	5.50	8.36	8.52	7.92	8.51	9.68	9.73	8.56

263652N0800338.1--Continued.

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.38	+7.11	+6.63	+5.92	+6.72	+5.58	+6.76	+6.33	+6.89	+10.67	+10.02	+9.06
10	8.17	7.03	6.51	5.75	6.52	5.57	6.50	6.12	7.19	10.37	9.73	8.82
15	7.95	6.88	6.40	5.57	6.27	5.49	6.48	6.03	7.42	10.17	9.57	8.57
20	7.71	6.74	6.44	5.70	6.05	5.15	6.42	5.94	....	9.97	9.92	8.33
25	7.49	6.65	6.26	6.34	5.82	7.23	6.18	6.43	....	9.81	9.55	8.10
Eom	7.23	6.73	6.05	6.80	5.62	7.06	6.15	6.70	10.95	10.37	9.31	7.80

1961												
5	+7.54	+6.88	+5.80	+5.12	+4.48	+5.26	+4.60	+4.04	+4.26	+4.07	+4.78	+4.70
10	7.67	6.73	5.58	5.13	4.48	5.10	4.47	3.91	4.30	3.97	4.81	4.59
15	7.66	6.54	5.40	5.00	4.43	5.08	4.57	3.80	4.21	4.04	4.81	4.45
20	7.51	6.37	5.23	4.87	4.38	4.88	4.40	3.95	4.37	4.47	4.85	4.32
25	7.28	6.18	5.49	4.75	4.26	4.71	4.31	4.22	4.30	4.47	4.88	4.21
Eom	7.06	6.03	5.20	4.58	5.27	4.65	4.15	4.25	4.12	4.72	4.84	4.12

1962												
5	+4.06	+3.73	+3.43	+4.05	+4.42	+3.94	+5.44	+6.40	+5.58	+7.21	+6.20	+5.49
10	4.02	3.68	3.35	4.57	4.49	3.88	5.65	6.38	5.47	7.07	6.10	5.36
15	3.99	3.65	3.30	4.54	4.49	4.38	6.10	6.12	5.47	6.73	6.00	5.24
20	3.97	3.61	3.20	4.42	4.45	4.45	6.26	6.07	5.78	6.57	5.87	5.14
25	3.92	3.55	3.95	4.25	4.27	4.48	6.27	5.86	6.94	6.55	5.73	5.08
Eom	3.85	3.49	4.15	4.29	4.05	8.23	6.00	5.70	7.02	6.32	5.60	5.00

1963												
5	+4.92	+5.10	+5.35	+4.72	+5.80	+5.09	+4.85	+4.18	+5.45	+7.63	+7.68	+6.93
10	4.90	5.09	5.28	4.63	5.75	5.17	4.70	4.10	5.38	7.77	7.65	6.77
15	4.84	5.22	5.15	4.53	5.55	5.59	4.66	4.13	5.47	8.17	7.55	6.58
20	5.13	5.30	4.95	4.41	5.32	5.45	4.51	4.15	6.08	8.27	7.40	6.60
25	5.14	5.32	4.80	4.30	5.18	5.18	4.38	4.34	7.07	8.18	7.27	6.42
Eom	5.00	5.37	4.79	4.17	5.15	4.97	4.26	4.35	7.36	7.84	7.09	6.80

e Estimated.

264005N0800335.1. Local number 99. U. S. Geol. Survey. Garden Ave. and Bradley St., West Palm Beach. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4, T. 44 S., R. 43 E. Drilled observation water-table well in sand of Biscayne aquifer, diam 6 in, depth 18 ft, cased to 16, gravel-packed 14-18. Lsd 14.43 ft above msl. MP top of casing, 2.50 ft above lsd. Highest water level 14.06 above msl, Oct. 6, 1948; lowest 5.01 above msl. Mar. 23, 1962. Records available: 1948-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.48	+7.79	+7.17	+7.54	+7.10	+7.08	+9.32	+9.46	+8.49	+8.25	+9.90	+9.83
10	8.25	7.72	7.12	7.33	6.93	7.10	9.35	9.40	8.31	8.85	9.89	9.57
15	8.07	7.58	7.01	7.18	6.82	6.96	9.08	9.14	8.40	8.55	9.61	9.35
20	7.93	7.47	7.43	7.10	6.83	10.96	9.02	9.05	8.85	11.03	10.60	9.15
25	7.89	7.34	7.82	7.53	6.82	9.87	9.52	8.85	8.67	10.34	10.39	9.15
Eom	7.95	7.28	7.70	7.33	6.75	9.56	9.03	8.62	8.50	9.93	10.07	8.83

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
5	+8.62	+8.47	+7.37	+6.75	+8.06	+7.38	+8.33	+7.72	+7.98	+11.14	+10.53	+9.63
10	8.39	7.97	7.25	6.63	7.81	7.42	8.12	7.47	....	11.63	10.35	9.40
15	8.18	7.70	7.14	6.51	7.58	7.20	8.16	7.56	....	11.23	10.22	9.15
20	8.00	7.48	7.16	6.68	7.43	9.15	7.93	7.34	....	10.93	10.40	8.93
25	7.82	7.47	6.98	8.30	7.25	8.87	7.74	7.40	....	10.74	10.10	8.72
Eom	7.63	7.58	6.84	8.25	7.35	8.58	7.82	7.27	11.64	10.73	9.84	8.47

1961												
5	+8.23	+7.59	+6.75	+6.61	+6.06	+6.67	+6.30	+5.60	+5.86	+5.65	+6.35	+6.03
10	8.48	7.43	6.62	6.45	6.05	6.83	6.18	5.53	5.71	5.65	6.04	5.98
15	8.40	7.27	6.49	6.35	6.05	6.77	6.05	5.75	5.70	5.70	e6.27	5.94
20	8.13	7.12	6.41	6.25	5.95	6.59	5.95	6.01	5.89	6.07	e6.20	5.87
25	7.93	6.96	6.73	6.15	5.88	6.47	5.85	6.05	5.80	6.07	e6.14	5.75
Eom	7.75	6.88	6.50	6.04	6.64	6.39	5.70	5.98	5.69	6.30	e6.04	5.65

1962												
5	+5.63	+5.30	+5.14	+6.14	+6.40	+5.90	+8.57	+8.47	+7.99	+9.11	+7.84	+6.99
10	5.57	5.34	5.11	6.25	6.60	5.87	8.68	8.43	....	8.73	7.75	6.87
15	5.52	5.29	5.07	6.15	6.44	6.65	9.51	8.24	....	8.54	7.57	6.75
20	5.47	5.24	5.05	6.03	6.27	6.78	9.36	8.14	....	8.35	7.41	6.64
25	5.40	5.20	5.47	5.89	6.14	6.95	8.99	7.98	....	8.25	7.27	6.62
Eom	5.36	5.17	6.18	5.89	5.95	7.38	8.65	8.27	9.28	8.00	7.12	6.51

e Estimated.

264005N0800335. 1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.45	+6.45	+6.70	+6.11	+7.07	+6.70	+6.35	+5.77	+6.45	+9.21	+8.19	+8.22
10	6.41	6.50	6.65	6.04	7.00	6.60	6.25	5.70	6.50	9.25	8.00	8.04
15	6.35	6.64	6.50	5.95	6.98	6.62	6.24	5.82	6.87	9.95	8.90	7.85
20	6.35	6.76	6.35	5.89	6.75	6.57	6.11	5.90	7.63	9.98	8.73	7.88
25	6.32	6.78	6.25	5.80	6.95	6.45	6.00	6.22	8.30	9.61	8.54	7.69
Eom	6.25	6.78	6.19	5.73	6.84	6.55	5.87	6.30	8.45	9.26	8.39	8.19

264841N0801149. 1. Local number 109. U. S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 18, T. 42 S., R. 42 E. Jetted observation water-table well in sand of Pleistocene age, diam 6 in, depth 14 ft, cased to 9, gravel-packed 8-14. Lsd 17.85 ft above msl. MP top of casing, 4.80 ft above lsd. Highest water level 19.73 above msl, Oct. 9, 1953; lowest 14.72 above msl, June 23, 1956. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+18.37	+18.13	+17.65	+18.42	+18.30	+18.19	+18.80	+18.97	+19.03	+18.87	+19.02	+18.85
10	18.27	18.07	17.86	18.30	18.12	18.20	18.93	18.95	18.95	19.01	18.95	18.77
15	18.13	17.96	17.94	18.22	17.95	18.15	18.91	18.88	19.05	18.91	18.88	18.65
20	18.08	17.85	18.29	18.14	18.33	18.99	18.90	18.87	19.20	19.38	19.01	18.55
25	18.27	17.72	18.27	18.60	18.21	18.97	18.88	18.85	19.05	19.33	19.08	18.77
Eom	18.20	17.66	18.07	18.45	18.21	18.87	18.72	18.75	18.96	19.15	18.94	18.52

1960

5	+18.40	+18.23	+18.03	+18.08	+18.14	+18.11	+18.32	+18.25	+18.93	+19.34	+18.88	+18.38
10	18.25	18.12	17.96	17.80	17.93	18.12	18.44	18.19	18.97	19.28	18.78	18.28
15	18.14	18.10	17.97	17.60	17.67	17.90	18.40	18.30	18.89	19.25	18.74	18.18
20	18.03	18.04	18.12	17.53	17.45	18.31	18.53	18.25	19.58	19.22	18.68	18.11
25	17.92	18.14	17.95	18.24	17.44	18.30	18.30	18.79	19.72	19.12	18.62	18.05
Eom	17.93	18.12	18.03	18.13	17.77	18.18	18.43	18.72	19.56	18.93	18.53	17.91

1961

5	+17.81	+17.93	+17.55	+17.44	+16.52	+17.71	+17.70	+17.22	+17.39	+16.68	+18.06	+17.91
10	18.20	17.81	17.45	17.86	16.07	17.99	18.02	16.84	16.93	17.23	18.01	17.85
15	18.15	17.70	17.81	17.33	16.02	17.55	17.80	16.16	16.47	16.65	18.05	17.78
20	18.05	17.60	17.71	16.97	15.60	17.30	17.55	17.28	16.39	18.04	17.90	17.62
25	17.99	17.57	17.20	16.48	15.85	16.97	17.27	17.67	15.90	17.77	17.96	17.52
Eom	17.92	17.67	16.77	16.10	17.94	17.54	16.70	17.62	15.88	18.08	17.97	17.59

1962

5	+17.43	+16.25	+15.35	+16.24	.....	.....	.....	+17.96	+18.73	+18.86	+18.40	.....
10	17.30	16.50	15.25	16.73	.....	.....	.....	18.20	18.73	18.80	18.35	.....
15	17.44	16.03	15.25	16.06	.....	.....	.....	18.34	18.71	18.72	18.25	.....
20	17.04	.....	15.20	15.72	.....	.....	.....	18.45	18.63	18.65	18.14	.....
25	16.90	.....	16.10	.....	.....	.....	.....	18.43	18.66	18.53	18.04	.....
Eom	16.48	.....	16.29	16.66	.....	.....	+18.02	18.68	18.90	18.40	.....	.....

1963

5	.....	+17.62	+17.83	+16.57	+16.86	+17.14	+17.75	+17.20	+18.05	+18.57	+18.32	+18.15
10	.....	17.40	17.85	16.14	16.31	16.75	17.30	16.90	17.90	18.62	18.38	18.18
15	.....	17.88	17.63	15.79	15.89	17.13	18.05	.....	17.90	18.52	18.34	18.28
20	.....	18.02	17.42	15.53	15.50	16.87	17.83	.....	18.16	18.70	18.25	18.38
25	.....	17.82	17.31	15.30	15.33	17.58	17.55	.....	18.55	18.58	18.15	18.48
Eom	+17.40	17.97	16.97	15.11	15.55	17.89	17.46	17.62	18.35	18.39	18.25	18.52

e Estimated.

Pasco County

281558N0822646. 1. Local number 13. C. C. Cone. SE $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported SW $\frac{1}{4}$ NE $\frac{1}{4}$) sec. 31, T. 25 S., R. 19 E. Drilled unused water-table well in Floridan aquifer, diam 6 in, depth 49 ft, cased to 43. Lsd 80.5 ft above msl. MP top of casing, at lsd. Highest water level 3.30 below lsd, Mar. 18, 1960; lowest 10.5 below lsd, June 1945. Records available: 1934, 1936-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.34	5.70	5.71	.....	.....	5.62	5.38	4.91	4.60	5.75	5.83	6.49
10	5.70	5.89	5.92	.....	.....	5.70	5.36	3.99	4.30	5.60	6.02	6.52
15	5.90	6.08	5.16	.....	5.71	5.57	4.53	4.10	3.82	5.34	6.13	6.59
20	5.85	6.27	3.69	.....	5.07	4.82	4.31	4.73	4.37	5.12	6.27	6.38
25	5.32	6.22	4.07	.....	4.77	5.43	4.96	4.71	5.07	4.99	6.13	6.19
Eom	5.77	5.70	4.59	.....	5.04	5.45	4.47	4.04	5.43	5.53	6.40	6.37

281558N0822646.1--Continued.

1960											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	6.21	5.69	5.50	4.46	6.03	7.30	5.94	4.52	5.39	5.3 ^a	5.88 6.82
10	6.39	5.90	5.84	5.38	6.23	7.30	4.83	4.82	3.43	4.10	6.07 6.95
15	6.55	6.00	4.59	5.70	6.45	7.64	5.19	5.21	4.30	5.0 ^a	6.23 6.79
20	6.75	6.20	3.89	5.86	6.78	6.01	5.58	5.62	5.00	5.4 ^a	6.39 7.00
25	6.84	5.41	4.82	5.65	7.01	6.01	5.30	5.46	4.94	5.68	6.56 6.58
Eom	6.26	5.44	4.85	5.74	7.19	5.47	3.40	5.91	4.64	5.4 ^a	6.68 6.61
1961											
5	6.78	6.13	6.93	7.50	8.30	8.98	7.86	7.42	5.90	7.47	8.43 8.77
10	6.63	5.95	7.16	7.58	8.00	8.02	8.22	6.87	6.23	7.71	8.26 8.88
15	6.27	6.22	6.80	7.60	8.23	7.55	7.98	7.04	6.30	7.81	8.48 8.84
20	6.38	6.41	7.05	7.80	8.55	7.66	7.11	6.10	6.61	e8.0	8.64 8.22
25	6.61	6.60	7.22	e7.9	8.78	7.71	6.90	5.94	6.99	8.17	8.43 8.27
Eom	6.74	6.76	7.30	8.22	8.80	e7.9	7.03	5.71	7.22	8.3 ^a	8.65 8.15
1962											
5	7.94	8.05	8.67	7.92	8.92	9.65	7.45	6.74	5.91	6.0 ^a	6.38 6.98
10	7.83	7.84	8.82	7.82	9.04	9.59	7.58	6.55	6.32	6.0 ^a	6.25 7.08
15	e7.5	8.06	8.43	8.19	9.26	8.88	7.15	6.93	5.60	6.4 ^a	6.44 7.15
20	e7.5	8.22	8.16	8.46	9.43	7.31	7.36	6.68	5.27	6.74	6.65 7.24
25	7.77	8.45	7.53	8.70	9.63	6.68	e7.6	5.62	5.62	6.77	6.71 7.30
Eom	7.89	8.51	7.74	8.92	9.68	7.09	6.96	5.86	6.00	6.4 ^a	6.86 7.36
1963											
5	7.48	5.81	4.95	6.64	7.31	7.55	6.78	5.64	6.41	....	7.33 6.69
10	7.40	6.08	4.84	6.83	7.70	7.73	5.87	5.90	6.44	....	5.84 6.85
15	7.45	5.88	5.50	7.09	7.74	8.10	5.65	6.07	6.75	....	6.06 6.71
20	7.40	5.63	5.82	7.31	7.95	8.35	5.64	6.20	5.47	....	6.30 6.70
25	6.34	5.78	6.12	e7.5	7.70	7.71	4.66	5.80	5.48	7.11	6.38 6.25
Eom	6.15	5.34	6.42	7.68	7.20	6.57	4.82	6.31	....	7.34	6.53 e5.9

e Estimated.

281621N0821130.1. Local number 16. A. Messick. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34, T. 25 S., R. 21 E. Drilled unused artesian well in Floridan aquifer, diam 8 in, depth 146 ft (previously reported 1,008 ft), cased to 20. Lsd 135.5 ft above msl. MP top of casing, at lsd. Highest water level 53.25 below lsd, Oct. 11, 1960; lowest 74.03 below lsd, July 1, 1956. Records available: 1936-62. Measurement discontinued.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	68.44	67.68	68.01	62.54	61.94	62.43	60.46	59.15	57.93	56.38	.....	58.23
10	68.05	67.77	67.97	62.20	62.21	62.32	60.55	59.20	57.81	56.27	56.74	58.58
15	67.74	67.87	67.78	62.15	62.42	62.41	60.26	59.05	57.49	56.06	56.98	59.02
20	67.71	68.00	66.35	62.05	62.70	61.80	59.75	58.74	56.43	.....	57.57	59.45
25	67.63	68.07	64.19	62.06	62.67	60.95	59.45	58.70	56.08	.....	57.49	59.77
Eom	67.67	68.12	63.04	61.82	62.72	60.56	59.43	58.55	56.20	e59.44	58.01	60.13
1960												
5	60.47	62.32	62.84	55.90	57.86	.....	59.87	55.57	55.88	53.26	54.79	56.90
10	60.83	62.39	62.57	55.97	.....	60.05	59.88	54.90	55.31	53.30	55.11	57.24
15	61.06	62.65	62.42	56.28	.....	60.21	59.93	54.82	53.72	53.37	55.45	57.42
20	61.48	62.78	58.23	56.79	.....	60.37	60.05	55.02	53.47	53.68	55.84	57.99
25	61.78	62.67	56.49	57.13	.....	60.16	60.10	55.28	53.47	54.00	56.14	58.42
Eom	62.06	62.84	55.87	57.54	.....	60.02	57.59	55.70	53.32	54.35	56.46	58.70
1961												
5	59.20	61.18	62.38	63.63	65.44	67.22	68.07	68.23	67.22	67.15	68.35	69.23
10	59.57	61.33	62.68	63.80	65.70	67.50	68.15	68.30	67.00	67.35	68.53	69.37
15	59.79	61.50	62.82	64.00	66.01	67.69	68.25	68.36	66.86	67.57	68.67	69.54
20	60.08	61.75	63.03	64.31	66.38	67.80	68.28	68.31	66.80	67.75	68.89	69.67
25	60.47	61.89	63.24	64.67	66.63	67.95	68.27	68.16	66.85	67.99	69.00	69.88
Eom	60.91	62.10	63.29	65.10	66.94	67.99	68.23	67.74	66.98	68.17	69.12	69.99
1962												
5	70.18	71.05	71.74	h71.46	.....	.....	.....	.....	.....	.....	.....	.....
10	70.34	71.18	71.92	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	70.45	71.29	72.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	70.62	71.39	71.96	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	70.77	71.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	70.92	71.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Pinellas County

280827N0824503.1. Local number 13. U. S. Geol. Survey. NE $\frac{1}{4}$ NE $\frac{1}{4}$ (previously reported SE $\frac{1}{4}$ NE $\frac{1}{4}$) sec. 13, T. 27 S., R. 15 E. Drilled observation artesian well in Floridan aquifer, diam 6 in., depth 141 ft, cased to 33. Lsd 11.88 ft above msl. MP top of casing, 2.90 ft above lsd. Highest water level 6.65 below lsd, Aug. 17, 1949; lowest 11.00 below lsd, Apr. 11, 1960. Records available: 1947-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.05	9.42	9.06	9.57	....	9.26	9.00	e9.00	8.54	9.05	9.32	9.29
10	9.39	9.74	9.46	9.79	....	9.30	8.95	8.46	8.75	8.67	10.29	9.47
15	9.64	9.63	9.30	10.08	9.25	9.42	9.22	8.46	8.65	e9.37	9.34	
20	9.31	9.57	8.78	9.27	9.10	8.93	9.33	8.20	8.62	e8.60	9.55	9.54
25	9.39	9.40	8.79	....	9.19	8.91	9.80	8.72	9.20	8.28	9.19	9.58
Eom	9.31	9.35	9.41	....	9.20	8.90	8.93	8.63	9.33	8.72	9.28	9.03

1960

5	9.34	9.31	10.01	9.72	9.42	9.45	9.30	....	8.48	8.85	9.67	9.35
10	9.40	9.05	10.04	9.98	9.08	9.22	....	e7.95	9.32	8.68	9.81	9.44
15	9.10	9.56	9.53	9.55	9.40	9.30	....	8.60	8.90	8.68	9.63	8.56
20	9.55	10.22	....	9.51	9.60	9.24	....	9.14	9.21	8.71	9.39	9.10
25	9.34	9.45	7.97	9.26	9.50	9.17	9.19	9.24	9.35	8.82	9.54	9.75
Eom	9.18	9.82	8.77	9.15	9.59	9.42	e7.90	8.78	8.71	9.05	9.37	9.10

1961

5	9.73	9.77	9.16	9.05	....	9.32	9.10	8.81	9.25	9.08	8.95	8.75
10	9.82	9.65	9.53	9.07	8.98	9.08	8.90	8.86	9.09	8.85	8.85	8.66
15	9.22	9.30	8.95	8.67	8.89	9.14	8.90	8.91	8.71	8.98	8.90	9.18
20	9.12	9.60	8.93	9.09	9.27	9.10	8.70	8.83	8.71	8.92	8.89	8.80
25	9.73	9.21	9.48	9.27	9.20	8.93	8.65	8.72	8.64	8.80	8.91	9.49
Eom	9.60	9.38	8.80	9.16	8.99	8.87	8.82	8.63	8.90	8.90	9.23	9.41

1962

5	9.07	9.30	8.62	9.02	9.17	9.04	8.82	9.07	8.84	9.05	9.10	8.53
10	9.29	9.42	8.80	9.14	9.40	9.33	9.19	9.00	8.88	8.80	8.79	9.00
15	9.90	9.40	8.90	9.16	9.37	8.99	8.91	8.84	8.82	8.78	9.30	9.20
20	9.58	9.32	8.69	9.20	9.05	8.76	8.81	9.17	8.69	9.02	9.44	9.47
25	9.72	9.44	8.61	9.21	9.29	9.09	9.00	9.11	8.36	8.99	e9.30	9.09
Eom	9.73	9.44	8.81	9.34	9.19	8.77	8.78	8.88	8.80	8.50	e9.00	9.40

1963

5	9.14	9.76	9.34	9.43	9.35	9.22	....	....	....	....	8.88	9.44
10	8.74	9.70	9.53	9.20	9.30	9.13	....	....	....	....	8.70	9.79
15	9.31	9.78	9.69	9.51	9.46	9.29	....	....	....	....	e9.12	9.50
20	9.53	9.64	9.22	9.30	9.37	8.97	....	....	....	....	8.84	9.41
25	9.30	9.42	9.27	9.15	9.14	9.00	....	....	....	9.32	e9.02	9.60
Eom	9.49	9.53	9.39	9.21	9.42	9.20	....	9.29	....	9.05	e9.64	9.00

e Estimated.

280414N0824518.1. Local number 77. Dr. Paul E. Allen. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 28 S., R. 15 E. Drilled unused artesian well in Floridan aquifer, diam 10 in., reported depth 282 ft. Lsd 69.50 ft above msl. MP top of casing, at lsd. Highest water level 62.32 below lsd, Sept. 16, 1959; lowest 69.00 below lsd, June 7, 1961. Records available: 1947-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	64.95	64.97	64.67	64.24	64.67	64.50	64.20	63.82	62.61	63.33	63.91	64.48
10	65.38	65.40	65.32	64.41	64.94	64.50	64.27	63.39	62.65	63.28	64.59	64.51
15	65.33	65.38	64.87	65.10	64.57	64.56	64.22	63.41	62.41	63.23	64.11	64.60
20	65.18	65.29	64.36	64.37	64.76	64.04	64.00	63.22	62.73	63.52	64.42	64.90
25	65.30	65.30	64.13	64.39	64.62	64.33	64.12	63.34	62.99	63.13	64.06	64.80
Eom	65.30	65.10	64.02	64.53	64.41	64.33	63.98	63.12	63.15	63.64	64.70	64.35

1960

5	64.55	64.67	65.50	63.61	64.61	65.23	....	63.15	63.79	63.97	64.66	65.31
10	64.73	64.35	65.42	64.12	64.41	65.21	....	63.34	63.89	63.82	64.84	65.16
15	64.46	65.06	64.82	64.30	64.75	65.18	....	63.62	63.56	63.90	64.84	64.89
20	64.97	65.44	63.03	64.50	65.09	....	....	63.90	63.60	63.90	64.68	65.43
25	64.93	64.91	62.90	64.43	65.27	....	64.58	63.95	63.78	64.15	65.09	65.69
Eom	64.68	65.17	63.29	64.57	65.40	....	63.20	64.03	63.70	64.15	65.10	64.97

1961

5	65.69	65.55	65.46	66.08	66.32	66.50	65.85	65.00	65.00	65.22	65.71	65.79
10	65.74	65.33	66.05	65.53	65.70	65.90	65.78	65.03	64.70	65.80	65.74	65.69
15	64.96	65.17	65.09	65.10	65.79	66.43	65.45	65.03	64.78	65.70	65.81	66.22
20	65.08	65.37	65.05	66.19	66.33	65.84	65.06	64.79	64.76	65.72	65.05	65.41
25	65.50	65.29	65.57	66.38	66.28	65.50	64.99	64.60	64.61	65.64	65.88	65.93
Eom	65.70	65.42	65.00	66.41	66.22	66.01	64.98	64.73	64.85	65.67	65.34	65.77

280414N0824518.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	65.43	65.62	65.11	65.60	67.00	.....	65.20	65.39	64.94	64.75	65.28	64.75
10	65.69	65.68	64.98	65.55	66.63	.....	65.48	65.12	64.88	64.83	64.75	64.90
15	66.06	65.62	65.00	65.62	66.78	.....	65.20	65.09	64.71	64.78	65.45	65.58
20	65.95	65.55	65.20	65.83	66.73	.....	65.90	65.18	64.69	65.02	65.33	65.63
25	65.92	65.69	64.92	66.34	66.90	e65.4	65.96	64.93	64.62	65.41	65.48	65.34
Eom	65.99	65.60	65.00	66.14	.....	65.19	65.39	64.83	64.73	64.88	65.15	65.63

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	65.40	.....	65.28	.....	65.81	65.51	65.12	64.73	64.71	64.83	65.08	65.32
10	65.10	.....	65.40	.....	65.98	65.37	64.89	65.10	64.88	65.38	64.76	65.68
15	65.57	.....	65.52	.....	e66.2	65.47	65.11	65.21	64.85	65.44	65.32	65.40
20	65.37	.....	.....	.....	66.0	65.40	64.74	65.01	64.78	65.33	64.95	65.60
25	65.90	.....	.....	.....	65.91	65.43	64.69	65.00	65.13	65.19	64.98	65.64
Eom	.....	.....	.....	.....	65.69	65.46	64.70	65.11	e64.5	65.18	64.80	65.41

e Estimated.

275845N0824748.1. Local number 246. City of Clearwater. Garden and Marshall Sts. NE $\frac{1}{4}$ sec. 9, T. 29 S., R. 15 E. Drilled unused artesian well in Floridan aquifer, diam 10 in, depth 208 ft (previously reported 100 ft). Lsd 32.27 ft above msl. MP top of casing, at lsd. Highest water level 23.64 below lsd, Sept. 6, 1950; lowest 28.72 below lsd, May 25, 1956. Records available: 1945-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.57	25.24	25.22	25.29	25.70	25.32	25.14	24.63	24.39	.....	24.89	24.95
10	25.71	25.65	25.77	25.51	25.89	25.30	25.29	24.26	e24.35	24.50	25.62	25.13
15	25.52	25.83	e25.30	26.17	25.42	25.40	25.00	24.69	24.06	24.45	25.02	25.31
20	25.61	25.88	e25.05	25.07	25.37	24.91	24.63	24.57	24.60	24.62	25.08	25.65
25	25.67	25.98	e25.2	25.51	25.30	25.49	25.04	24.61	24.66	24.31	25.24	25.24
Eom	e25.71	e25.70	25.03	25.44	e25.15	25.54	25.04	24.46	.....	24.71	25.64	25.07

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.11	25.20	26.14	25.05	.....	.....	.....	24.64	24.73	.....	25.39	25.73
10	25.37	24.77	25.45	25.50	.....	.....	.....	24.83	24.88	.....	25.55	25.68
15	25.00	25.66	24.96	25.91	.....	.....	.....	24.72	.....	.....	25.68	25.05
20	25.69	25.53	24.83	25.77	.....	.....	.....	25.17	.....	.....	25.48	25.46
25	25.75	25.25	24.69	.....	.....	.....	25.62	24.93	.....	25.11	25.64	26.09
Eom	25.26	25.64	24.61	.....	.....	.....	24.48	24.96	.....	24.80	25.58	25.35

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.11	25.94	25.81	26.07	26.26	26.59	26.12	25.37	25.14	25.60	25.72	25.80
10	26.22	25.77	26.39	25.65	25.86	26.19	26.12	25.32	24.85	25.76	26.00	25.73
15	25.48	25.63	25.59	25.48	25.99	26.45	26.02	25.38	25.00	25.61	25.92	26.17
20	25.38	25.76	25.54	26.26	26.57	26.12	25.41	25.06	25.00	25.77	25.96	25.68
25	26.02	25.61	26.22	26.37	26.64	25.97	25.36	25.00	24.95	25.91	25.87	26.00
Eom	26.10	25.95	25.36	26.85	26.40	26.04	25.32	25.00	25.20	25.69	26.09	25.94

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.65	25.83	25.53	25.85	26.87	26.23	25.97	25.59	25.19	24.93	25.43	24.90
10	25.89	25.81	25.55	25.61	26.85	26.03	25.92	25.29	25.10	25.15	25.15	25.39
15	25.99	25.89	25.37	25.94	26.82	25.68	25.70	25.37	24.96	25.30	25.59	25.92
20	25.90	25.73	25.38	26.11	26.79	25.60	25.77	25.35	24.90	25.61	25.40	26.05
25	26.08	26.01	25.15	26.33	27.12	25.68	25.72	25.07	24.86	25.65	25.75	25.74
Eom	26.25	25.94	25.27	26.61	26.42	25.85	25.51	25.10	24.90	24.91	25.37	26.00

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.92	26.04	25.35	26.15	26.85	26.92	26.35	26.07	25.97	26.10	26.30	26.40
10	25.45	25.56	25.55	26.04	27.08	26.82	26.31	26.28	25.96	26.22	25.82	26.70
15	25.89	25.96	25.71	26.79	27.06	26.88	26.30	26.12	26.09	26.50	26.78	26.58
20	25.48	25.69	25.56	26.72	26.93	27.04	25.99	26.15	25.96	26.50	26.22	26.67
25	25.82	25.63	25.72	27.09	27.16	26.95	25.98	26.07	26.17	26.25	26.00	26.72
Eom	25.79	25.84	26.10	27.00	26.78	26.54	26.03	26.08	25.50	26.56	26.22	26.04

e Estimated.

275048N0824017.1. Local number 561. City of St. Petersburg. NW $\frac{1}{4}$ sec. 26, T. 30 S., R. 16 E. Drilled unused artesian well in Floridan aquifer, diam 14 in, depth 188 ft (previously reported 300 ft). Lsd 9.72 ft above msl. MP top of casing, at lsd. Highest water level 0.07 below lsd, Sept. 5, 1950; lowest 4.24 below lsd, May 25, 1962. Records available: 1947-63.

275048N0824017. 1--Continued.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	2.15	1.85	2.25	2.30	2.78	2.27	1.94	1.85	1.80	2.08	2.05	2.40
10	2.42	1.99	2.67	2.40	2.79	2.23	2.12	1.68	1.67	1.81	2.69	2.47
15	2.14	2.64	2.14	2.22	2.54	2.31	2.02	1.87	1.25	1.67	2.13	2.43
20	2.40	2.65	2.32	2.09	2.42	1.84	1.81	1.80	1.95	1.95	2.55	2.72
25	2.55	2.90	2.23	2.55	2.26	2.26	2.06	1.85	1.98	1.48	1.82	2.72
Eom	2.43	2.58	2.01	2.38	2.06	2.13	2.08	1.55	1.94	1.87	2.90	2.09

1960

5	2.22	2.32	3.14	2.00	2.59	2.66	....	....	....	....	2.58	3.04
10	2.45	2.00	2.74	2.64	2.42	3.03	....	....	....	....	2.62	2.80
15	2.22	2.74	2.30	2.79	2.78	2.83	....	....	e1.9	....	2.74	2.54
20	2.84	2.95	2.20	2.98	3.10	....	....	....	....	....	2.63	2.88
25	2.98	2.34	2.16	2.48	3.17	....	h2.31	....	....	e2.5	2.75	3.29
Eom	2.44	2.69	1.98	2.37	2.94	e2.63	e2.25	e2.00	2.13	e2.13	2.64	2.64

1961

5	3.34	2.92	2.93	3.05	3.29	3.46	2.88	2.44	2.31	2.92	3.19	3.21
10	3.38	2.70	3.14	2.59	2.90	3.06	2.92	2.65	2.10	3.04	3.43	3.24
15	2.40	2.64	2.80	2.60	3.05	3.22	2.88	2.53	2.34	2.96	3.34	3.59
20	2.63	2.71	2.70	3.14	3.53	2.93	2.41	2.10	2.31	3.10	3.35	2.99
25	3.00	2.70	2.96	3.19	3.63	2.80	2.38	2.21	2.40	3.20	3.32	3.38
Eom	3.23	2.94	2.60	3.60	3.50	2.95	2.32	2.22	2.61	3.08	3.40	3.38

1962

5	3.14	3.21	3.05	3.19	3.90	3.40	2.77	2.71	....	2.32	2.71	2.57
10	3.16	3.18	3.16	2.72	3.89	3.22	2.98	2.54	....	2.60	2.44	2.70
15	3.35	3.16	2.80	3.20	4.00	2.83	2.70	2.53	....	2.66	2.98	3.26
20	3.05	3.08	2.94	3.41	3.80	2.72	2.91	....	....	2.96	2.66	3.30
25	3.34	3.37	2.55	3.43	4.10	2.83	2.90	....	....	3.04	3.06	3.25
Eom	3.59	3.30	2.60	3.59	3.62	2.70	2.70	....	2.32	2.30	2.70	3.44

1963

5	3.39	3.16	2.75	....	....	....	2.90	....	2.68	2.76	3.05	3.01
10	2.85	2.94	....	....	....	....	....	....	2.75	3.00	2.57	3.31
15	3.21	3.12	....	....	....	....	....	....	2.87	3.29	3.49	3.17
20	2.82	2.60	....	....	....	....	....	....	2.60	3.20	2.95	3.50
25	3.34	2.85	....	4.00	....	3.33	....	....	2.94	3.08	2.86	3.47
Eom	3.16	2.93	....	....	e3.6	3.16	....	2.71	1.88	3.48	2.79	3.00

e Estimated.

h Tape measurement.

Polk County

281058N0813642.1. Local number 44. P. E. Williams. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33 (previously reported sec. 28), T. 26 S., R. 27 E. Drilled unused artesian well in Floridan aquifer, diam 10 in, depth 195 ft (previously reported 180 ft), cased to 81. Lsd 113.14 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 0.86 above lsd, Sept. 13, 1960; lowest 5.92 below lsd, June 5, 1962. Records available: 1945-63.

Highest water level for the day, above and below lsd, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-3.53	-3.29	....	-1.47	-1.93	....	....	....	-1.11	-1.21	e 0.85	....
10	3.57	3.29	....	1.75	2.15	....	....	....	1.16	1.05	.98	....
15	3.63	....	....	1.83	....	....	....	....	.91	1.02	.95	....
20	3.50	....	....	1.74	....	....	....	....	....	....	....	....
25	3.12	....	-1.60	1.64	e2.25	....	....	....	....	e.54	....	....
Eom	3.19	....	e1.60	1.82	....	....	....	....	....	e.70	....	....

1960

5	....	-1.54	-2.05	-0.76	-1.70	....	-2.22	-0.73	-0.65	+0.06	-0.70	-1.46
10	....	1.63	2.14	1.10	....	-2.27	1.99	.75	+ .46	+ .16	.87	1.58
15	-1.87	2.07	1.52	1.34	....	2.43	2.03	.59	.68	-.09	1.00	1.50
20	1.97	2.22	.46	1.47	....	2.19	1.18	.87	.32	.25	1.14	1.67
25	1.97	1.93	.67	1.50	....	2.18	.87	.76	.31	e.40	1.28	1.60
Eom	1.86	1.99	.85	1.64	....	2.15	.54	.70	.23	.51	1.36	1.79

1961

5	-1.91	-2.16	-2.39	-2.67	-3.48	-3.76	-3.86	-4.17	-2.78	-3.44	-3.81	-4.18
10	1.85	1.94	2.68	2.70	3.17	3.90	4.02	4.25	2.85	3.60	3.90	4.25
15	1.62	e2.13	2.45	2.77	3.35	3.99	3.84	4.15	2.95	3.61	3.98	4.38
20	1.85	2.17	2.37	3.08	3.62	4.08	3.81	3.15	2.99	3.66	4.00	4.10
25	2.01	2.18	2.59	3.17	3.66	3.84	3.93	3.19	3.13	3.75	4.04	4.11
Eom	2.07	2.29	2.59	3.34	3.67	3.71	4.12	2.71	3.29	3.75	4.17	4.09

e Estimated.

281058N0813642. 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-4.07	-4.26	-4.69	-4.57	-5.34	-5.85	-4.97	-4.56	-3.92	-3.62	-4.24	-4.31
10	4.03	4.31	4.75	5.45	5.44	5.78	5.09	4.24	4.02	3.77	3.94	4.34
15	3.99	4.38	4.71	4.68	5.54	5.13	5.04	4.22	3.88	3.97	3.99	4.50
20	4.17	4.43	4.46	4.99	5.59	5.07	4.87	3.95	3.68	4.12	4.07	4.49
25	4.25	4.53	4.32	5.11	5.69	4.74	4.94	4.00	3.68	4.24	4.12	4.51
Eom	4.30	4.62	4.44	5.22	5.74	4.89	4.75	3.92	3.85	4.20	4.17	4.50
1963												
5	-4.61	-4.20	-3.31	-3.91	-4.37	-4.65	-4.05	....	-3.96	-3.81	-4.34	-3.16
10	4.62	4.27	3.22	4.05	4.63	4.56	....	....	4.10	3.96	3.15	3.30
15	4.62	3.77	3.37	4.04	4.68	4.72	....	-3.80	4.20	4.04	....	3.29
20	4.52	3.59	3.50	4.21	4.75	4.70	....	3.58	3.87	3.95	3.09	3.24
25	4.44	3.67	3.64	4.34	4.83	4.39	....	3.62	3.60	4.14	3.03	3.07
Eom	4.39	3.37	3.80	4.46	4.55	4.17	....	3.81	3.73	4.28	3.15	3.09

275949N0815824.1. Local number 45. Claude Hardin. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 28 S., R. 23 E. (previously reported Sand Gulley). Drilled unused artesian well in Floridan aquifer, diam 18 to 12 in, depth 643 ft, cased to 325. Lsd 155.9 ft above msl. MP top of 18-in casing, 0.50 ft above lsd. Highest water level 58.75 below lsd, Oct. 18, 1948; lowest 84.82 below lsd, May 16, 1962. Records available: 1948-63. Recorder removed July 28, 1961.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	66.77	67.60	67.74	65.53	66.28	66.58	63.92	63.04	63.62	63.12	62.37	63.70
10	67.08	67.70	67.44	65.75	67.23	66.34	63.59	62.87	63.23	63.27	62.53	63.94
15	67.28	68.27	67.43	65.52	67.06	66.18	62.90	62.68	62.93	62.87	63.03	63.82
20	67.60	68.33	66.42	65.28	67.13	65.38	62.58	62.87	62.32	62.55	63.33	64.25
25	67.24	68.33	66.00	65.24	66.65	64.44	63.01	62.88	62.46	62.27	63.19	64.06
Eom	67.73	68.27	65.53	65.62	66.27	64.50	63.32	63.48	62.46	62.53	63.03	63.52
1960												
5	63.28	65.28	65.43	63.92	66.31	69.67	68.78	66.82	66.48	....	65.16	67.20
10	64.17	65.03	65.25	64.33	66.25	68.97	68.69	66.39	65.14	....	65.37	68.31
15	64.81	65.15	65.06	64.89	66.87	69.49	68.67	66.06	63.83	....	65.54	68.50
20	65.00	65.40	64.18	65.80	67.87	69.13	68.09	66.30	62.96	....	66.33	68.95
25	65.26	65.12	64.13	65.64	69.38	69.28	68.12	66.47	63.17	....	66.55	68.90
Eom	65.25	64.92	64.03	66.13	69.68	69.05	66.95	66.54	....	64.7	66.71	68.59
1961												
5	68.7	70.57	71.32	....	....	....	....	....	....	....	....	....
10	68.95	70.31	71.97	....	....	....	....	....	....	....	....	....
15	69.09	70.29	71.81	....	....	....	....	....	....	....	....	....
20	69.57	70.66	71.48	....	....	....	....	....	....	....	....	....
25	70.12	70.92	71.90	....	....	....	....	....	....	....	....	....
Eom	70.27	70.99	....	....	....	....	....	....	....	....	....	....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 20, 1961	75.87	Feb. 21, 1962	79.56	Jan. 8, 1963	77.19	July 23, 1963	75.20
July 10	74.62	Apr. 3	80.72	Feb. 20	76.65	Aug. 19	74.21
Aug. 1	73.95	May 16	84.82	Mar. 21	75.44	Sept. 23	74.61
Sept. 12	71.49	June 27	79.55	Apr. 18	79.91	Oct. 21	75.43
Oct. 24	75.82	Aug. 6	76.28	May 23	79.17	Nov. 19	73.98
Dec. 5	76.55	Sept. 21	72.89	June 17	78.41	Dec. 20	75.47
Jan. 9, 1962	75.52	Nov. 6	75.02				

281051N0813625.1. Local number 47. U. S. Geol. Survey. About 2 mi northwest of Davenport. SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 26 S., R. 27 E. Drilled observation water-tale well in sand of Pleistocene age, diam 6 in, depth 67 ft, cased to 60, gravel-packed 57-67. Lsd 156.50 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 42.97 below lsd, Oct. 8, 1948; lowest 49.60 below lsd, May 20-July 30, 1963. Records available: 1948-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	48.76	48.37	48.07	45.63	44.41	46.10	43.96	44.48	45.18	45.55	45.01	44.32
10	48.67	48.29	48.00	45.07	45.47	46.14	43.75	44.58	45.30	45.61	44.91	45.48
15	48.65	48.20	47.92	44.91	45.72	46.13	43.80	44.79	45.43	45.67	44.86	45.63
20	48.64	48.18	47.80	44.97	45.88	45.93	44.02	44.87	45.54	45.61	44.94	45.76
25	48.60	48.16	47.51	45.17	46.00	45.44	44.18	44.92	45.52	45.40	45.06	45.90
Eom	48.50	48.15	46.56	45.28	46.10	44.52	44.36	45.05	45.55	45.15	45.20	46.06

281051N0813625.1--Continued.

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	46.17	46.88	47.09	44.16	44.93	46.13	46.95	45.60	43.73	41.66	43.49	44.65
10	46.30	46.92	47.12	43.99	45.12	46.33	47.03	44.75	43.60	42.07	43.66	44.89
15	46.41	46.96	47.14	44.14	45.33	46.51	47.09	43.99	42.41	42.44	43.85	45.18
20	46.52	47.01	46.88	44.37	45.51	46.63	47.06	43.56	40.57	42.68	44.05	45.38
25	46.64	47.03	45.99	44.57	45.71	46.76	46.82	43.53	40.70	42.92	44.25	45.58
Eom	46.78	47.08	44.68	44.76	45.97	46.82	46.30	43.63	41.20	43.28	44.43	45.77

1961

5	45.96	46.70	47.10	47.66	48.12	48.57	49.00	49.22	48.75	48.10	49.47	48.75
10	46.13	46.78	47.18	47.73	48.20	48.62	49.03	49.26	48.59	48.12	49.53	48.78
15	46.23	46.80	47.24	47.80	48.30	48.70	49.07	49.29	48.44	48.16	49.60	48.83
20	46.36	46.90	47.38	47.87	48.36	48.77	49.08	49.24	48.32	48.25	49.65	48.89
25	46.50	46.99	47.46	47.95	48.42	48.85	49.12	49.06	48.15	48.34	49.68	48.90
Eom	46.60	47.02	47.56	48.01	48.51	48.92	49.18	48.93	48.11	48.42	49.72	48.92

1962

5	48.95	48.98	49.08	49.26	49.45	49.60	49.56	49.32	48.62	48.18	49.19	48.27
10	48.93	49.00	49.10	49.28	49.50	49.60	49.50	49.23	48.55	48.12	49.23	48.35
15	48.90	49.04	49.13	49.31	49.53	49.60	49.45	49.13	48.49	48.09	49.20	48.39
20	48.90	49.05	49.17	49.31	49.60	49.60	49.42	49.00	48.45	48.07	49.18	48.42
25	48.92	49.05	49.19	49.36	49.60	49.60	49.39	48.87	48.38	48.12	49.22	48.45
Eom	48.94	49.06	49.23	49.41	49.60	49.60	49.37	48.70	48.27	48.14	49.25	48.48

1963

5	48.55	48.63	48.08	47.53	47.67	48.33	48.65	.....	48.39	48.35	49.60	47.83
10	48.58	48.60	47.91	47.49	47.78	48.45	48.65	.....	48.40	48.34	49.64	47.73
15	48.61	48.55	47.78	47.49	47.95	48.49	48.62	48.50	48.44	48.37	49.46	47.66
20	48.64	48.41	47.66	47.50	47.97	48.60	48.58	48.50	48.45	48.45	49.23	47.63
25	48.67	48.25	47.57	47.53	48.07	48.65	48.57	48.46	48.45	48.48	49.11	47.60
Eom	48.65	48.18	47.48	47.60	48.24	48.71	48.55	48.40	48.38	48.57	47.95	47.57

e Estimated.

274225N0813152.1. Local number 48. U. S. Geol. Survey. On Florida Highway 17, 2.7 mi south of Frostproof. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 32 S., R. 28 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 62 ft, cased to 59, gravel-packed 52-62. Lsd 144.00 ft above msl. MP top of casing, 3.31 ft above lsd. Highest water level 38.08 below lsd, Oct. 7, 1948; lowest 47.80 below lsd, June 4, 1956. Records available: 1949-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	45.69	45.87	45.92	44.92	45.27	45.22	43.92	43.98	44.06	42.85	42.88	43.40
10	45.75	45.90	45.91	44.90	45.37	45.23	43.90	44.01	43.01	42.78	42.96	43.49
15	45.79	45.94	45.95	44.97	45.38	45.28	43.83	44.04	43.62	42.74	43.05	43.56
20	45.83	45.98	45.73	45.01	45.38	44.74	43.84	44.08	43.30	42.74	43.15	43.65
25	45.87	46.01	45.28	45.10	45.45	44.20	43.88	44.13	43.07	42.71	43.24	43.72
Eom	45.86	46.04	44.99	45.15	45.30	44.02	43.94	44.17	42.92	42.80	43.33	43.77

1960

5	43.83	44.18	44.29	43.65	44.08	44.37	44.70	42.91	42.82	41.11	43.67	42.28
10	43.90	44.02	44.32	43.74	44.14	44.41	44.77	42.59	42.61	41.20	41.74	42.41
15	43.95	44.07	44.35	43.85	44.21	44.47	44.79	42.56	41.59	41.27	41.86	42.47
20	44.03	44.14	43.95	43.92	44.25	44.55	44.69	42.67	41.05	41.37	41.97	42.58
25	44.10	44.17	43.72	43.93	44.31	44.62	44.60	42.72	40.94	41.46	42.05	42.67
Eom	44.15	44.23	43.63	44.01	44.29	44.66	43.71	42.83	40.96	41.56	43.16	42.82

1961

5	42.93	43.46	43.80	44.02	44.39	44.78	44.92	45.28	44.95	45.20	45.37	45.73
10	43.04	43.52	43.86	44.08	44.41	44.83	44.98	45.35	44.91	45.22	45.43	45.82
15	43.10	43.57	43.92	44.14	44.47	44.87	45.05	45.42	44.91	45.16	45.47	45.82
20	43.16	43.65	43.93	44.20	44.57	44.93	45.07	45.43	44.94	45.19	45.55	45.88
25	43.27	43.70	43.92	44.28	44.63	44.97	45.12	45.41	45.03	45.25	45.62	45.90
Eom	43.38	43.73	43.95	44.35	44.70	44.89	45.20	45.07	45.12	45.27	45.68	46.03

1962

5	46.12	46.53	46.63	46.55	46.79	47.18	47.50	47.64	46.82	46.43	43.63	46.80
10	46.18	46.57	46.71	46.55	46.85	47.25	47.53	47.23	46.68	46.45	43.66	46.85
15	46.23	46.61	46.78	46.54	46.94	47.33	47.56	46.99	46.63	46.50	43.65	46.90
20	46.31	46.60	46.87	46.56	47.00	47.40	47.54	46.78	46.63	46.54	43.66	46.97
25	46.39	46.61	46.88	46.66	47.06	47.44	47.53	46.85	46.49	46.53	43.70	47.02
Eom	46.46	46.64	46.60	46.72	47.10	47.48	47.59	46.85	46.45	46.60	43.74	47.05

e Estimated.

274225N0813152. 1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	47.11	47.36	46.67	46.72	46.82	46.92	46.56	46.74	e46.99	e47.09	47.39	47.00
10	47.15	47.40	46.64	46.72	46.87	46.77	46.56	46.78	e47.03	47.12	47.40	47.08
15	47.20	47.10	46.62	46.73	46.98	46.69	46.61	e46.81	e47.05	47.18	47.00	47.15
20	47.24	46.94	46.62	46.73	47.02	46.68	46.67	e46.85	e47.07	47.23	46.90	47.20
25	47.28	46.86	46.65	46.75	47.03	46.70	46.70	e46.90	e47.08	47.30	46.90	47.23
Eom	47.33	46.80	46.69	46.82	46.98	46.63	46.72	e46.95	e47.08	47.36	46.96	47.25

e Estimated.

274816N0811858. 1. Local number 49. U.S. Geol. Survey. On Florida Highway 630, 0.2 mi southwest of intersection of Florida Highway 60. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 31 S., R. 30 E. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 17 ft, cased to 14, gravel-packed 9-17. Lsd 105.00 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 0.31 above lsd, Nov. 25, 1953; lowest 6.17 below lsd, June 8, 1962. Records available: 1949-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	0.76	....	1.49	1.20	2.37	1.73	0.70	0.48	0.34	1.97	1.50	1.94
10	....	....	1.49	1.66	2.66	2.09	1.34	.60	.68	1.82	1.73	1.02
15	....	....	1.70	1.88	2.79	2.43	1.85	.77	.58	.08	1.77	2.12
20	....	....	.33	1.01	2.66	.78	1.46	.55	.87	.30	1.85	2.20
25	....	....	1.13	1.55	2.78	1.21	1.27	.52	1.23	.68	1.04	1.29
Eom	e1.34	....	1.13	2.05	1.40	1.71	1.30	.45	1.65	1.15	1.58	1.65

1960

5	1.91	0.66	1.27	0.50	2.39	0.77	0.53	0.48	0.44	1.64	1.75	2.86
10	2.17	1.43	1.70	1.58	2.57	1.63	1.31	.85	.16	.94	2.13	2.97
15	2.32	1.35	.37	1.95	2.76	2.10	1.50	1.20	.63	1.62	2.20	2.77
20	2.48	1.69	.80	2.14	2.99	.53	1.28	1.80	1.25	1.83	2.44	3.00
25	2.61	.75	1.21	1.71	3.07	.44	.25	1.19	.62	2.11	2.60	3.08
Eom	2.35	.89	1.40	2.28	2.02	.63	.44	.88	1.12	1.27	2.70	3.19

1961

5	3.32	2.93	3.45	3.43	4.08	4.68	3.50	4.46	3.05	4.07	4.81	5.15
10	2.91	2.36	3.61	3.08	4.18	4.78	3.81	4.65	3.06	4.20	4.85	5.20
15	2.22	2.78	3.29	3.50	4.28	4.80	4.10	4.76	2.85	4.32	4.94	5.25
20	2.63	3.05	2.31	3.56	4.41	4.87	4.35	4.37	3.14	4.43	5.00	5.30
25	2.90	3.23	2.85	3.79	4.56	3.63	3.81	4.28	3.59	4.55	5.05	5.36
Eom	3.05	3.32	3.28	3.95	4.56	3.60	4.22	3.05	3.85	4.69	5.10	5.38

1962

5	5.40	5.56	....	4.83	5.42	6.11	2.86	1.89	1.38	1.02	2.89	2.43
10	5.45	5.60	....	4.74	5.55	6.12	1.43	1.50	1.47	1.72	.91	2.55
15	5.44	....	....	4.78	5.70	6.02	1.10	1.75	1.24	2.14	1.52	2.71
20	5.45	....	....	4.96	5.79	5.53	1.57	1.08	.75	2.43	1.83	2.81
25	5.48	....	....	5.14	4.88	4.47	2.05	.69	1.33	2.59	2.05	2.93
Eom	5.50	....	....	5.30	6.01	2.55	2.57	.59	1.40	2.83	2.25	2.65

1963

5	2.95	2.54	1.17	2.51	3.35	1.37	1.77	2.55	2.68	....	....	2.93
10	2.90	2.83	.91	2.70	3.75	1.14	2.12	2.85	2.96	....	....	3.10
15	2.65	1.30	1.43	2.99	3.94	1.48	2.03	2.82	3.27	....	....	3.23
20	2.83	.98	1.79	3.27	4.12	1.77	1.75	1.54	2.63	....	2.33	2.75
25	2.74	1.43	2.10	3.49	2.33	1.44	1.30	1.82	1.45	....	2.58	1.63
Eom	2.73	.97	2.30	3.61	.40	.85	2.27	2.42	1.90	3.65	2.73	1.55

e Estimated.

274440N0813148. 1. Local number 51. Mrs. Flora P. Coley. 48 1st St., Frostproof. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33 (previously reported sec. 28), T. 31 S., R. 28 E. Drilled unused artesian well in Hawthorn aquifer (previously reported Floridan aquifer), diam 6 in, depth 319 ft, cased to 208 (previously reported depth 490 ft, cased to 325). Lsd 97.5 ft above msl. MP top of casing, at lsd. Highest water level 3.68 below lsd, Oct. 25, 1953; lowest 19.85 below lsd, Apr. 25, 1963. Records available: 1949-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e6.18	7.10	7.28	....	6.20	6.01	4.50	4.17	....	....	3.96	4.35
10	6.13	....	6.19	e5.55	7.54	5.83	4.51	4.26	4.16	....	3.98	5.68
15	5.92	....	6.33	5.55	7.19	5.67	4.33	4.20	4.03	....	3.98	4.68
20	6.30	....	5.90	5.67	6.36	5.16	4.31	4.19	e4.00	....	4.07	6.23
25	6.92	....	....	5.57	6.34	4.94	4.23	....	....	3.73	4.09	....
Eom	7.17	....	....	5.55	6.02	4.81	4.20	....	....	3.89	4.40	....

e Estimated.

274440N0813148. 1--Continued.

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	5.76	....	....	6.73	7.89	6.36	....	....	4.02	4.71	5.87
10	....	5.20	....	....	6.85	7.68	6.27	....	....	3.87	5.08	6.36
15	6.25	5.10	....	....	7.06	e7.18	6.51	....	5.01	4.82	4.99	7.29
20	6.10	5.10	....	6.85	7.95	6.76	e6.28	....	4.40	....	4.93	7.25
25	6.29	4.75	....	6.20	9.90	6.71	5.94	....	3.98	4.39	e4.8	6.34
Eom	5.70	....	....	6.61	8.39	6.52	e5.68	....	4.04	4.64	5.66	6.98
1961												
5	7.06	6.70	7.73	7.56	11.67	9.72	7.57	....	6.70	8.88	11.20	12.87
10	6.43	7.43	7.04	7.90	11.41	9.67	7.62	....	6.63	10.32	11.63	12.59
15	6.31	6.68	6.73	8.13	10.10	8.95	7.58	....	6.75	10.80	11.86	15.04
20	6.75	6.69	6.49	8.54	11.22	8.55	....	7.45	6.69	11.55	12.52	....
25	6.67	6.45	6.55	8.80	12.79	8.05	....	7.19	6.76	11.41	12.78	....
Eom	7.43	6.55	6.83	11.38	11.24	7.87	....	6.99	7.56	11.20	13.04	....
1962												
5	14.09	....	....	12.37	14.89	13.29	9.79	8.62	7.60	7.20	8.60	8.40
10	13.02	....	....	12.16	14.56	12.43	9.50	8.27	7.54	7.25	8.64	8.57
15	....	14.00	....	12.30	14.88	12.11	9.05	8.21	7.43	7.37	8.34	10.82
20	....	....	....	12.20	15.50	12.30	9.00	8.09	7.32	7.89	8.04	10.82
25	....	....	....	12.68	17.25	10.62	8.89	7.80	7.14	8.26	8.08	11.49
Eom	....	....	....	13.87	15.62	11.66	8.84	7.78	7.10	8.20	8.00	11.62
1963												
5	11.54	8.98	8.44	12.20	13.28	10.20	8.11	7.20	7.40	7.28	10.89	8.05
10	11.17	9.94	8.32	14.26	13.90	9.48	8.21	7.30	7.48	7.38	9.26	7.93
15	10.41	10.10	7.98	13.63	13.75	9.20	7.81	7.20	7.59	8.11	9.10	7.97
20	11.15	8.53	8.08	15.85	12.66	8.91	7.60	7.16	7.59	8.42	8.01	8.20
25	10.16	8.27	8.13	18.25	14.38	8.63	7.44	7.00	7.19	9.18	7.74	7.46
Eom	9.87	8.17	9.08	17.41	11.80	8.25	7.40	7.38	7.14	10.86	8.05	7.62

e Estimated.

Putnam County

292528N0813835.1. Local number 28. Donald Swisher. Formerly R. O. Puckett. Fruitland. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26, T. 12 S., R. 26 E. Drilled domestic artesian well in Floridan aquifer, diam 6 in, depth 159 ft. Lsd 25.7 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 4.9 below lsd, September 1943; lowest 9.81 below lsd, May 8, 1962. Records available: 1936-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 17, 1959	8.00	June 14, 1960	8.00	July 10, 1961	8.19	July 23, 1962	9.30
Apr. 7	6.85	Aug. 9	6.09	Aug. 16	8.51	Aug. 28	8.17
June 1	6.68	Sept. 15	5.95	Sept. 26	8.01	Oct. 16	8.31
July 21	7.30	Nov. 1	6.03	Nov. 14	8.17	Dec. 12	8.99
Sept. 4	7.58	Dec. 2	5.97	Jan. 11, 1962	8.92	Feb. 21, 1963	7.81
Oct. 20	6.93	Jan. 6, 1961	6.87	Feb. 13	8.45	Apr. 25	9.32
Dec. 8	7.33	Feb. 21	6.12	Mar. 28	9.33	June 20	9.76
Jan. 12, 1960	7.62	Apr. 7	6.69	May 8	9.81	Sept. 12	8.78
Mar. 2	6.63	May 18	7.27	June 19	9.53	Oct. 24	7.73
Apr. 27	6.87						

293913N0813840.1. Local number 29. C. L. Conway. Palatka. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 10 S., R. 26 E. Drilled public-supply artesian well in Floridan aquifer, diam 8 in, reported depth 300 ft. Lsd 22.2 ft above msl. MP chiseled cross on horizontal pipe, 2.00 ft above lsd. Highest water level 12.1 above lsd, Oct. 1, 1953; lowest 2.02 above lsd, May 18, 1962. Records available: 1936-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 17, 1959	+5.81	Apr. 27, 1960	+5.71	May 16, 1961	+5.19	June 19, 1962	+2.87
Apr. 7	6.15	June 17	5.58	July 10	5.15	July 24	3.45
June 1	6.04	Aug. 15	7.48	Aug. 14	4.91	Aug. 28	4.32
July 24	6.08	Sept. 16	7.56	Sept. 27	5.31	Oct. 16	5.26
Aug. 31	6.30	Nov. 2	8.01	Nov. 14	4.74	Dec. 11	4.95
Oct. 26	7.09	Dec. 8	7.41	Jan. 8, 1962	4.41	Feb. 20, 1963	5.30
Dec. 14	6.44	Jan. 9, 1961	7.54	Feb. 13	4.31	June 19	2.37
Jan. 13, 1960	6.57	Feb. 27	6.77	Mar. 28	3.29	Sept. 11	3.90
Mar. 4	6.13	Apr. 5	5.65	May 18	2.02	Oct. 23	4.82

St. Johns County

300759N0812307.1. Local number 5. G. L. Oesterreicher (previously reported Oester-ricker). Palm Valley. Sec. 54, T. 4 S., R. 29 E. Drilled domestic artesian well in Floridan aquifer, diam 6 in, reported depth 350 ft, cased to 180. Lsd 4.53 ft above msl. MP faucet at northwest corner of residence, 1.20 ft above lsd. Highest water level 46.2 above lsd, Nov. 9, 1948; lowest 32.7 above lsd, July 24, 1962. Records available: 1934, 1940, 1944-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 17, 1959	+41.5	June 17, 1960	+38.3	July 11, 1961	+38.0	July 24, 1962	+32.7
June 2	41.1	Aug. 15	39.5	Aug. 14	36.9	Aug. 29	37.4
July 24	39.0	Sept. 16	39.4	Sept. 27	39.0	Oct. 17	38.0
Aug. 31	38.9	Nov. 2	40.5	Nov. 16	38.6	Feb. 20, 1963	35.6
Oct. 26	41.0	Dec. 8	39.3	Jan. 8, 1962	36.9	Apr. 24	34.2
Dec. 14	40.2	Jan. 9, 1961	39.2	Feb. 14	37.7	June 19	33.8
Jan. 13, 1960	40.6	Feb. 27	40.8	Mar. 29	37.0	Sept. 11	33.4
Mar. 4	39.9	Apr. 5	40.0	May 9	35.0	Oct. 23	34.0
Apr. 25	39.6	May 16	39.6	June 20	35.7		

300556N0812910.1. Local number 8. Ponce de Leon Raceway, Inc. SE $\frac{1}{4}$ NE $\frac{1}{4}$ (previously reported NE $\frac{1}{4}$ NE $\frac{1}{4}$) sec. 4, T. 5 S., R. 28 E. Drilled public-supply (previously reported stock) artesian well in Floridan aquifer, diam 6 in, reported depth 336 ft, cased to 247. Lsd 17.77 ft above msl. MP top flange of 6-in valve, 0.50 ft above lsd. Highest water level 37.0 above lsd, Aug. 28, 1934; lowest 21.3 above lsd, July 24, 1962. Records available: 1934, 1940-42, 1944, 1946-63.

Feb. 17, 1959	+29.0	June 17, 1960	+27.1	July 11, 1961	+26.5	July 24, 1962	+21.3
June 2	28.8	Aug. 15	28.4	Aug. 14	26.2	Aug. 29	25.9
July 24	27.7	Sept. 16	29.1	Sept. 27	26.7	Oct. 17	25.7
Aug. 31	28.1	Nov. 2	29.7	Nov. 16	27.0	Dec. 13	24.5
Oct. 26	29.5	Dec. 8	29.2	Jan. 8, 1962	25.3	Feb. 20, 1963	23.1
Dec. 14	29.1	Jan. 9, 1961	29.9	Feb. 14	25.5	Apr. 24	22.5
Jan. 13, 1960	28.9	Feb. 27	28.6	Mar. 29	24.3	June 19	22.7
Mar. 4	28.1	Apr. 5	27.5	May 9	23.3	Sept. 11	22.9
Apr. 25	28.0	May 16	26.4	June 20	23.6	Oct. 23	23.7

295341N0811857.1. Local number 9. Ponce de Leon Hotel. St. Augustine. T. 7 S., R. 30 E. Drilled unused artesian well in Floridan aquifer, diam 13 in, depth 1,400 ft, cased to 170. Lsd 6.46 ft above msl. MP top of $\frac{1}{4}$ -in pipe, 4.00 ft above lsd. Highest water level 34.2 above lsd, June 2, 1947; lowest 19.5 above lsd, May 9, 1962. Records available: 1930, 1940, 1946-62. Measurement discontinued.

Feb. 17, 1959	+27.5	June 17, 1960	+23.9	Apr. 5, 1961	+24.7	Feb. 14, 1962	+23.2
July 24	24.5	Aug. 15	25.8	May 16	23.3	Mar. 29	20.5
Aug. 31	25.1	Sept. 16	26.8	July 11	24.0	May 9	19.5
Oct. 26	27.2	Nov. 2	27.5	Aug. 14	22.6	June 20	22.3
Dec. 14	26.8	Dec. 8	27.0	Sept. 27	23.7	July 24	20.6
Jan. 13, 1960	26.9	Jan. 9, 1961	26.6	Nov. 16	23.3	Aug. 29	21.8
Mar. 4	26.4	Feb. 27	25.8	Jan. 8, 1962	23.3	Oct. 17	22.8
Apr. 25	24.6						

St. Lucie County

271538N0803714.1. Local number 41. U. S. Geol. Survey. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 37 S., R. 37 E. Jetted observation water-table well in sand of Pleistocene age, diam 6 in, depth 17 ft, cased to 13, gravel-packed 12-17. Lsd 28.71 ft above msl. MP top of casing, 2.70 ft above lsd. Highest water level 28.74 above msl, Oct. 2, 1951; lowest 24.62 above msl, Mar. 25, 1962. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	+27.21	+27.24	+27.02	+25.95	+26.90	+27.95	+27.34	+27.83	+27.27	.....	+27.24
10	+27.10	27.15	27.47	26.75	25.75	26.67	27.63	27.54	27.34	27.25	.....	27.15
15	27.01	26.97	27.13	26.52	25.71	26.27	27.93	28.13	28.02	27.22	+27.29	27.07
20	27.04	26.83	28.28	26.38	26.52	28.18	28.22	27.52	28.28	27.45	27.70	27.34
25	27.68	26.67	27.47	26.49	26.53	27.54	27.62	27.14	27.87	.....	27.93	27.88
Eom	27.28	27.65	27.16	26.15	26.88	27.25	27.57	27.45	27.52	.....	27.40	27.41
1960												
5	+27.27	+27.73	+27.12	+27.24	+26.75	+26.75	+26.59	+27.26	+27.84	+27.80	+27.17	+26.43
10	27.10	27.31	27.13	26.67	26.49	26.34	27.15	26.92	27.95	27.85	26.89	26.38
15	27.02	27.47	27.78	26.48	26.26	26.13	26.82	27.11	27.55	27.94	26.86	26.72
20	26.90	27.42	27.39	26.37	26.17	27.15	26.52	26.76	27.33	27.53	26.68	26.53
25	26.78	27.55	27.14	27.40	26.15	26.64	26.86	27.58	28.35	27.21	26.60	26.47
Eom	26.95	27.28	27.39	26.80	26.57	26.57	28.03	27.58	28.25	27.43	26.49	26.40

271538N0803714.1--Continued.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+26.32	+26.88	+26.22	+26.26	+25.58	+26.68	+26.90	+26.68	+26.99	+26.25	+26.35	+25.68
10	.....	26.70	26.03	26.15	25.43	27.37	26.96	26.60	27.06	26.50	26.25	25.60
15	e27.00	26.55	26.75	25.95	25.50	27.38	26.68	27.00	26.68	26.39	26.02	25.50
20	26.73	26.43	26.59	25.75	25.27	26.87	26.95	27.11	26.65	26.44	25.87	25.44
25	26.58	26.35	26.28	25.59	25.24	26.67	26.71	27.31	26.45	26.13	25.89	25.34
Eom	26.52	26.25	26.04	25.44	27.20	26.70	26.75	27.70	26.42	26.49	25.75	25.25

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+25.20	+25.13	+24.80	+26.25	+26.50	+26.28	+27.15	+26.47	+27.65	+27.88	+26.69	+26.68
10	25.19	24.73	26.80	26.38	26.85	27.82	26.67	27.23	27.28	27.58	26.63
15	24.98	24.70	26.52	25.98	27.03	27.15	26.83	27.62	26.93	27.02	26.55
20	24.94	24.63	26.30	25.73	26.90	26.79	26.69	27.73	26.75	26.91	26.52
25	24.89	25.25	26.02	26.58	27.18	27.14	26.45	27.81	26.67	26.84	26.61
Eom	24.85	26.25	26.31	26.05	27.57	26.72	27.58	27.45	26.68	26.78	26.52

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+26.38	+26.56	+27.12	+26.00	+26.32	+27.04	+26.74	+25.95	+25.27	+26.81	+26.01	+26.27
10	26.51	26.38	27.12	25.85	25.85	26.71	26.45	25.72	26.61	26.70	26.75	26.01
15	26.46	26.65	26.97	25.67	25.49	26.53	26.87	25.52	26.39	26.86	26.55	25.92
20	26.56	26.91	26.65	25.41	25.22	26.33	26.94	25.60	27.21	26.71	26.36	26.77
25	26.55	26.64	26.47	25.67	27.30	27.28	26.55	25.70	27.37	26.42	26.25	26.73
Eom	26.42	27.12	26.33	25.54	27.56	27.17	26.24	25.44	27.11	26.12	26.48	27.63

e Estimated.

272655N0804016.1. Local number 42. U. S. Geol. Survey. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 35 S., R. 37 E. Jetted observation water-table well in sand of Pleistocene age, diam 6 in, depth 18 ft, cased to 13, gravel-packed 12-18. Lsd 27.79 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 30.19 above msl, Oct. 16, 1956; lowest 23.61 above msl, May 13, 1961. Records available: 1950-63.

Highest water level for the day, above msl, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.95	+25.26	+25.28	+25.52	+24.51	+24.89	.....	+25.37	+25.46	.....	+26.30	+25.22
10	24.73	25.12	25.22	25.15	24.42	24.82	+26.86	25.71	25.13	+25.73	26.27	25.05
15	24.64	24.91	25.00	24.98	24.50	25.68	26.62	.....	26.05	25.32	26.21	24.93
20	24.61	24.76	27.76	24.88	25.38	.....	26.61	25.98	.....	27.21	25.72	24.82
25	26.15	24.68	27.49	24.75	24.96	.....	25.90	25.31	.....	28.20	26.04	25.11
Eom	25.57	25.48	26.08	24.64	25.23	.....	25.41	25.27	.....	27.38	25.53	24.93

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.79	+25.92	+25.13	+25.27	+24.63	+24.65	+25.53	+26.94	+26.40	+28.61	+25.63	+24.55
10	24.68	e25.71	24.82	24.89	24.41	24.52	25.08	26.00	27.82	27.53	25.13	24.52
15	24.61	25.36	24.82	24.68	24.32	24.31	25.19	25.40	28.08	27.33	24.98	24.50
20	24.53	25.37	27.87	24.53	24.24	e26.31	25.23	25.00	27.74	26.65	24.82	24.50
25	24.49	25.45	26.71	24.55	24.20	27.42	25.25	e26.62	29.12	25.91	24.72	24.48
Eom	24.48	25.12	25.46	24.47	24.38	26.21	27.13	25.70	29.20	25.97	24.65	24.45

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.38	+24.57	+24.35	+24.23	+23.83	+24.64	+24.54	+24.48	+25.51	+24.60	+24.54	+24.40
10	24.44	24.57	24.29	24.21	23.76	e25.00	24.49	24.36	25.50	24.37	24.60	24.36
15	25.23	24.51	24.37	24.15	24.03	e24.98	24.85	24.89	25.06	24.47	24.52	24.33
20	24.83	24.49	24.68	24.08	23.88	e24.90	25.02	25.75	24.85	24.96	24.43	24.30
25	24.68	24.44	24.43	23.96	e23.72	e24.78	24.76	25.59	24.69	24.67	24.51	24.26
Eom	24.58	24.40	24.27	23.85	25.00	e24.66	24.53	26.62	24.58	24.60	24.45	24.23

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.21	+24.21	+24.05	+24.52	+24.51	+24.33	+26.80	+25.19	+28.41	+27.47	+24.63	+24.53
10	24.35	24.20	23.98	24.99	24.53	25.28	27.22	25.14	27.89	26.00	25.71	24.50
15	24.33	24.17	23.90	24.88	24.40	24.92	26.41	.....	27.28	25.35	25.08	24.45
20	24.32	24.15	23.85	24.63	24.31	25.35	26.30	27.29	26.10	24.99	24.85	24.40
25	24.30	24.12	24.44	24.51	24.22	25.56	25.52	27.35	.....	24.85	24.70	24.38
Eom	24.24	24.10	24.60	24.41	24.03	27.52	25.50	28.33	e27.22	24.72	24.60	24.37

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.33	+24.60	+25.18	+24.56	+24.55	+24.93	+25.25	+24.70	+24.83	+26.74	+24.84	+24.75
10	24.34	24.52	25.02	24.50	24.37	25.57	24.82	24.52	25.03	25.65	25.55	24.70
15	24.35	24.53	24.86	24.39	24.37	25.13	25.48	24.45	25.15	25.38	25.24	24.66
20	24.35	25.31	24.75	24.27	24.33	25.05	25.32	24.48	e26.35	25.27	24.98	25.16
25	24.37	24.84	24.63	24.25	24.79	24.80	25.10	24.85	28.19	25.00	24.84	25.52
Eom	24.32	25.53	24.60	24.22	25.06	25.55	24.82	24.59	27.94	24.80	24.85	25.52

e Estimated.

Santa Rosa County

302135N0870945. 1. Local number 102. U.S. Geol. Survey. Gulf Breeze. SE $\frac{1}{4}$ sec. 4, T. 3 S., R. 29 W. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 41 ft, screened 31-41. Lsd 11.56 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 1.95 below lsd, Oct. 31, 1959; lowest 10.58 below lsd, Jan. 17, 1955. Records available: 1950-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.89	6.64	6.64	6.18	5.60	6.17	5.93	6.65	7.34	5.3 ^e	2.00	3.56
10	6.99	6.50	6.38	6.17	5.82	5.96	6.07	6.78	7.44	2.82	2.50	3.80
15	7.05	6.43	6.32	6.00	5.95	5.32	6.18	6.90	4.80	2.48	2.71	3.99
20	7.07	6.44	6.27	5.77	6.07	5.42	6.29	7.00	4.95	2.46	2.83	4.23
25	7.14	6.51	6.30	5.49	6.18	5.65	6.40	7.10	5.17	2.70	3.01	4.45
Eom	6.93	6.56	6.25	5.44	6.30	5.80	6.53	7.22	5.22	1.95	3.30	4.70

1960

5	4.40	4.50	4.93	3.30	4.47	5.50	6.12	7.00	6.92	4.90	5.20	5.94
10	4.71	4.47	5.00	3.40	4.43	5.67	6.40	7.10	6.30	4.10	5.38	6.08
15	4.86	4.73	5.12	3.67	4.72	5.83	6.53	7.19	5.24	4.39	5.53	6.20
20	5.04	4.90	5.19	3.87	4.92	5.99	6.64	7.27	4.35	4.60	5.66	6.32
25	5.20	4.62	5.30	4.05	5.11	6.14	6.78	6.80	4.54	4.80	5.77	6.44
Eom	5.37	4.78	5.40	4.26	5.32	6.30	6.90	6.84	4.72	5.02	5.86	6.53

1961

5	6.60	6.96	5.95	4.80	5.40	6.04	5.24	6.16	5.57	5.83	6.53	6.77
10	6.67	6.54	5.93	4.94	5.50	6.18	5.40	5.63	5.55	....	6.64	6.83
15	6.75	6.49	6.00	4.87	5.61	6.30	5.50	5.80	5.29	....	6.47	5.97
20	6.84	6.48	4.92	5.07	5.77	5.86	5.64	6.00	5.34	6.14	6.45	5.75
25	6.92	6.13	4.82	5.18	5.70	5.00	5.80	6.01	5.54	6.25	6.60	5.72
Eom	6.95	6.05	4.64	5.29	5.90	5.02	6.01	6.00	5.70	6.40	6.70	5.78

1962

5	5.60	5.84	6.40	6.90	6.79	7.50	7.81	8.27	7.89	8.10	8.48	7.51
10	5.41	5.95	6.48	6.98	6.87	7.60	7.90	8.32	8.00	8.10	8.11	7.57
15	5.39	6.05	6.58	7.04	7.03	7.64	7.99	8.40	8.09	8.20	8.05	7.68
20	5.40	6.17	6.66	7.14	7.17	7.72	8.04	8.46	8.15	8.30	8.01	7.80
25	5.57	6.27	6.75	7.20	7.28	7.80	8.10	7.72	8.22	8.36	7.62	7.83
Eom	5.73	6.30	6.85	6.80	7.40	7.88	8.20	7.77	8.29	8.42	7.54	7.71

1963

5	7.68	6.58	6.05	6.65	7.26	7.91	7.83	5.90	6.73	7.18	7.78	8.20
10	7.68	6.72	6.10	6.72	7.38	8.01	7.97	6.11	6.85	7.27	7.85	8.25
15	7.70	6.35	6.22	6.82	7.49	8.12	7.69	6.25	6.89	7.37	7.94	7.90
20	7.02	6.19	6.34	6.92	7.60	7.94	7.67	6.39	6.94	7.47	8.01	7.81
25	6.60	6.10	6.45	7.03	7.71	7.75	7.13	6.50	7.06	7.58	8.10	7.80
Eom	6.52	6.08	6.56	7.15	7.81	7.74	5.86	6.60	7.13	7.68	8.13	7.84

Sarasota County

271938N0822518. 1. Local number 9. Palmer Corp. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 20, T. 36 S., R. 19 E. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 730 ft, cased to 101. Lsd 33.56 ft above msl. MP top of casing, 6.00 ft above lsd. Highest water level 5.20 above lsd, Mar. 7, 1931; lowest 11.08 below lsd, Apr. 30, 1963. Records available: 1930-37, 1941-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	1.65	1.90	2.95	1.92	....	2.32	1.74	1.18	0.75	1.33	2.16	2.37
10	1.72	2.26	2.83	2.56	....	2.21	.90	.04	.87	.9C	2.20	2.28
15	2.82	3.53	2.42	3.05	4.68	2.30	.73	.17	.77	1.12	2.46	2.18
20	1.81	3.27	1.90	e2.90	4.00	2.14	.64	1.00	.68	.89	2.53	2.12
25	1.79	4.28	2.20	....	3.30	2.10	.59	.94	.93	.76	2.05	1.75
Eom	1.98	3.30	2.08	....	2.66	1.89	1.37	.76	1.22	1.36	2.03	1.68

1960

5	1.51	2.80	2.95	2.38	3.04	4.49	3.50	2.05	....	1.17	2.07	5.40 ^e
10	2.38	2.32	3.42	3.15	3.24	4.20	3.18	....	....	1.25	2.65	5.98
15	2.60	2.16	2.48	4.05	3.62	4.38	2.91	....	1.30	1.45	2.91	5.33
20	3.47	2.66	2.24	4.13	4.63	4.51	2.81	....	1.16	1.47	3.20	4.63
25	4.05	2.56	2.04	3.30	5.06	4.33	2.66	....	1.15	1.63	3.77	4.18
Eom	3.56	2.52	2.46	2.98	5.04	3.93	2.13	....	1.12	1.82	4.76	4.47

e Estimated.

271938N0822518.1--Continued.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	4.81	3.63	5.22	4.98	6.52	5.69	4.10	3.02	2.00	3.50	6.57	7.74
10	4.24	3.23	e5.6	4.49	6.00	5.17	3.89	2.93	1.97	4.27	7.00	7.60
15	3.64	3.30	5.26	4.47	6.06	4.76	3.94	2.75	1.95	4.02	7.26	8.61
20	3.74	3.75	4.47	4.59	7.03	4.48	3.52	2.47	1.90	5.41	7.93	7.90
25	4.24	e4.25	5.39	5.85	7.80	4.30	3.29	2.29	2.31	6.01	7.32	7.65
Eom	3.85	4.55	5.70	6.54	6.29	4.19	3.08	2.25	3.08	5.90	7.38	7.50

1962

5	7.43	6.99	8.20	5.31	7.98	7.81	....	....	2.32	1.88	2.94	....
10	6.24	6.51	9.20	4.84	8.51	6.84	....	3.10	2.25	2.00	2.71	....
15	5.84	6.72	8.13	4.75	8.43	....	....	2.92	2.15	2.27	2.79	....
20	6.06	7.02	7.44	5.50	8.80	....	....	2.88	1.59	....	....	....
25	6.69	7.38	6.70	6.10	9.36	....	....	2.57	....	....	....	....
Eom	7.11	7.98	5.82	7.08	8.90	4.36	....	2.50	1.92	....	....	....

1963

5	6.58	....	2.90	6.43	8.66	6.93	4.07	3.21	2.85	....	5.13	4.38
10	5.40	....	2.87	6.42	8.40	6.14	3.99	3.08	2.79	....	4.82	4.57
15	4.93	....	3.24	7.65	8.90	5.62	3.95	3.06	2.98	....	4.60	4.85
20	e5.0	....	3.65	9.08	9.40	5.24	3.67	3.05	2.57	....	4.32	4.34
25	....	....	4.50	10.05	9.35	4.90	3.50	2.90	2.40	....	3.80	3.80
Eom	....	....	5.22	e10.8	7.88	4.45	3.32	2.91	2.30	5.24	3.80	3.40

e Estimated.

Taylor County

300358N0833050.1. Local number 35. Buckeye Cellulose Corp. SE $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported NW $\frac{1}{4}$) sec. 10, T. 5 S., R. 8 E. Drilled unused artesian well in Floridan aquifer, diam 17 to 12 in, depth 245 ft, cased to 189. Lsd 54.69 ft above msl. MP top of 12-in casing, at lsd. Highest water level 0.69 above lsd, Apr. 2, 1948; lowest 32.4 below lsd, July 6, 1932. Records available: 1946-63. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	21.6	....	22.2	....	....	....	21.0	....	19.3	....	....	20.8
10	20.8	....	21.4	....	....	10.4	20.9	....	18.2	....	18.6	20.3
15	13.6	....	21.6	....	....	10.6	17.1	....	17.8	....	19.8	20.9
20	22.4	....	....	18.2	....	18.1	....	e19.7	18.8	....	20.2	21.1
25	23.2	....	....	e18.7	....	19.9	....	19.0	....	....	19.7	10.4
Eom	e24.7	....	....	....	....	18.6	....	19.5	....	....	20.0	20.0

1960

5	20.6	22.1	20.4	19.9	19.9	22.9	24.3	19.2	20.7	19.5	7.5	21.4
10	20.6	20.3	20.3	20.2	20.0	23.3	24.4	18.9	21.1	17.5	16.3	21.8
15	21.2	21.4	20.8	20.4	21.3	23.6	24.4	19.1	21.4	18.3	18.9	22.3
20	21.6	22.0	19.7	20.8	21.8	23.7	21.0	19.8	21.8	18.9	19.7	22.6
25	21.5	21.9	19.7	21.0	22.2	23.8	18.6	19.8	20.7	19.4	20.2	11.5
Eom	22.2	20.6	20.1	21.1	22.7	24.0	19.7	19.4	19.9	19.8	20.8	18.1

1961

5	20.3	22.3	23.1	23.4	23.8	25.3	26.0	26.7	24.4	26.5	2 ³ 1	29.5
10	21.3	22.1	....	23.7	24.1	25.5	26.2	25.0	24.7	26.9	2 ³ 4	29.7
15	21.3	21.5	....	23.4	24.4	25.8	26.3	22.8	25.1	27.1	2 ³ 6	29.8
20	21.4	21.7	....	23.7	24.6	25.9	26.4	14.0	25.4	27.4	2 ³ 9	29.9
25	21.9	22.3	23.1	23.6	24.8	25.8	26.5	14.4	25.8	27.7	23.0	30.1
Eom	22.1	22.3	23.3	23.2	25.1	25.8	26.6	24.2	26.2	27.9	23.3	30.3

1962

5	30.4	30.5	31.5	30.3	29.1	31.1	32.1	18.9	28.8	28.2	2 ³ 4	....
10	29.4	30.7	31.4	29.6	29.5	31.4	....	28.0	28.1	28.4	2 ³ 8	29.2
15	29.4	31.0	31.4	28.8	29.9	31.6	....	28.3	27.5	28.3	23.2	29.1
20	29.6	31.1	31.4	27.7	30.3	31.7	....	28.4	27.8	28.4	23.5	29.0
25	30.0	31.3	31.4	27.9	30.5	31.9	....	28.7	28.0	28.6	23.8	18.6
Eom	30.3	31.4	31.3	28.2	30.9	32.0	19.6	28.9	28.2	28.3	....	27.8

1963

5	....	....	21.9	21.3	24.0	26.3	26.5	23.6	22.5	....	....	....
10	....	....	21.7	....	24.6	26.6	26.2	21.4	22.9	....	....	....
15	....	22.6	21.0	....	25.0	27.2	25.0	20.4	....	....	....	....
20	....	22.2	21.0	22.4	25.4	27.5	23.4	21.0	....	....	....	....
25	....	21.8	21.8	21.9	25.5	26.8	24.9	21.2	....	24.2	....	....
Eom	....	21.4	22.0	24.0	26.1	26.8	22.8	22.1	....	25.3	....	....

e Estimated.

300407N0833143.1. Local number 36. Buckeye Cellulose Corp. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 5 S., R. 8 E. Drilled unused water-table well in sand of Pleistocene age, diam 6 in, depth 35 ft. Lsd 52.16 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 2.65 below lsd, Apr. 2, 1948; lowest 23.10 below lsd, Jan. 30, 1956. Records available: 1947-63. Fluctuation affected by nearby pumping wells.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.20	11.95	10.67	e7.30	7.30	7.98	8.81	7.62	7.02	7.16	5.79	7.00
10	11.70	12.04	9.90	7.30	7.60	7.98	9.03	7.67	e7.15	7.04	6.02	7.28
15	11.40	12.12	9.46	7.50	7.80	8.08	8.32	7.78	e6.50	5.51	6.27	7.38
20	11.48	12.26	....	7.50	8.00	8.20	8.00	7.92	6.36	5.48	6.50	7.57
25	11.62	12.25	....	6.94	8.00	8.47	7.78	7.82	6.60	5.40	6.70	7.55
Eom	11.88	11.69	....	7.00	8.00	8.64	7.60	7.30	6.91	5.56	6.84	7.85

1960

5	7.92	8.39	6.69	6.12	7.12	8.70	9.86	6.91	7.47	6.71	6.84	8.39
10	8.04	7.69	6.77	6.03	7.33	8.98	9.58	6.54	7.72	5.55	7.01	8.65
15	8.12	7.91	6.76	6.33	7.58	9.22	9.57	6.84	8.00	5.81	7.30	8.80
20	8.31	8.16	6.05	6.62	7.84	9.35	8.11	7.23	8.26	6.17	7.60	9.08
25	8.47	7.12	6.03	6.80	8.10	9.50	7.86	6.95	8.50	6.46	7.86	9.07
Eom	8.63	6.67	6.33	6.94	8.42	9.67	8.08	7.18	6.61	6.74	8.12	9.12

1961

5	9.33	9.05	9.14	10.16	10.68	11.75	12.76	13.49	12.52	13.38	14.31	15.09
10	9.54	8.80	9.36	10.31	10.80	11.95	12.90	13.45	12.53	13.55	14.45	15.22
15	9.00	8.69	9.50	10.25	10.98	12.15	13.03	13.37	12.65	13.70	14.60	15.32
20	8.74	8.82	9.65	10.36	11.17	12.32	13.18	13.26	12.83	13.84	14.73	15.42
25	8.94	8.87	9.84	10.42	11.36	12.45	13.31	13.23	13.03	14.00	14.88	15.54
Eom	9.05	9.03	9.96	10.50	11.58	12.61	13.37	13.14	13.21	14.17	14.98	15.66

1962

5	15.77	16.32	16.60	15.76	15.04	15.95	16.55	16.15	15.50	15.46	15.84	16.05
10	15.87	16.50	16.39	15.41	15.20	16.07	16.62	15.61	15.55	15.55	15.92	15.90
15	15.95	16.52	16.21	15.14	15.38	16.12	16.74	15.40	15.52	15.61	16.01	15.73
20	16.00	16.62	16.09	15.02	15.53	16.22	16.83	15.35	15.39	15.70	16.10	15.66
25	16.12	16.70	16.05	14.94	15.70	16.32	16.78	15.36	15.40	15.78	16.22	15.56
Eom	16.24	16.75	16.01	14.95	15.85	16.45	16.54	15.40	15.43	15.74	16.26	15.52

1963

5	15.52	....	11.00	....	11.06	12.14	13.00	11.42	11.80	12.41	13.07	13.19
10	15.50	....	10.82	....	11.13	12.30	12.81	11.32	11.80	12.49	13.19	13.13
15	14.42	12.23	10.71	....	11.34	12.49	12.61	11.38	12.05	12.56	13.36	13.06
20	13.60	11.82	....	11.41	11.57	12.65	12.53	11.43	12.15	12.69	13.48	12.67
25	13.37	11.54	....	11.49	11.77	12.83	12.25	11.52	12.30	12.80	13.52	12.35
Eom	13.23	11.34	....	11.61	11.96	12.92	11.54	11.61	12.35	12.98	13.30	12.12

e Estimated.

Union County

300747N0822258.1. Local number 007-222-1. U.S. Geol. Survey. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23, T. 4 S., R. 19 E. Drilled test artesian well in Floridan aquifer, diam 8 in, depth 724 ft, cased to 694. Lsd 152.75 ft above msl. MP top of coupling, 3.00 ft above lsd. Highest water level 86.37 below lsd, Apr. 12, 1959; lowest 93.92 below lsd, Dec. 17, 1963. Records available: 1958-63.

Highest water level for the day, from recorder graph, 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	89.83
10
15
20	90.84
25	89.87
Eom	90.12	90.83

1959

5	90.78	90.39	89.37	86.68	86.92	86.72	87.36	87.47	88.35	88.41	88.40	88.56
10	90.67	90.46	89.05	86.54	87.27	86.82	87.60	87.58	88.42	88.45	88.48	88.79
15	90.40	90.31	88.56	86.63	87.37	86.84	87.59	87.91	88.18	88.37	88.39	88.81
20	90.53	90.32	87.93	86.39	87.65	86.88	87.33	87.97	88.25	88.35	88.45	88.91
25	90.52	90.13	87.54	86.72	87.38	87.13	87.25	88.10	88.16	88.07	88.26	89.00
Eom	90.53	89.92	86.90	86.64	86.92	87.22	87.30	88.07	88.13	88.37	88.74	89.03

300747N0822258.1--Continued.

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	89.03	89.05	88.45	86.95	87.32	88.53	88.83	87.85	87.86	87.45	87.50	88.30
10	89.10	88.80	88.05	86.98	87.33	88.84	88.95	87.64	87.73	87.18	87.67	88.31
15	88.87	89.21	87.96	87.07	87.66	88.97	88.85	87.53	87.94	86.88	87.78	88.11
20	89.19	89.28	87.77	87.11	87.94	89.08	88.58	87.62	87.95	86.85	87.85	88.48
25	89.35	88.75	87.35	86.92	88.11	88.94	88.40	87.69	87.90	86.98	87.95	88.73
Eom	89.03	88.70	86.97	87.13	88.45	88.80	88.05	87.90	87.80	87.04	88.05	88.40

1961

5	88.77	88.90	88.65	88.99	88.82	89.72	90.55	90.63	89.72	90.06	90.79	91.16
10	88.87	88.63	88.69	88.93	88.56	89.79	90.54	90.78	89.57	90.24	90.87	91.32
15	88.53	88.67	88.60	88.77	88.81	90.08	90.64	90.83	89.55	90.31	.....	91.45
20	88.62	88.69	88.77	88.99	89.09	90.12	90.53	90.65	89.59	90.29	91.07	91.38
25	88.91	88.39	88.90	88.84	89.28	90.31	90.55	90.46	89.70	90.63	91.19	91.56
Eom	88.92	88.62	88.65	88.85	89.61	90.47	90.61	90.27	89.88	90.67	91.22	91.57

1962

5	91.60	91.75	92.03	92.22	91.89	93.05	93.24	.....	.....	.....	93.10	93.07
10	91.70	91.72	92.17	91.90	92.05	.....	93.22	.....	.....	.....	93.19	93.32
15	91.70	91.91	92.17	91.51	92.47	.....	93.37	.....	.....	.....	93.33	93.31
20	91.79	92.12	92.21	91.49	92.54	.....	93.46	.....	.....	.....	93.22	93.42
25	91.84	92.19	92.14	91.57	92.73	93.26	93.45	.....	.....	93.17	93.42	93.47
Eom	91.85	92.15	92.22	91.65	93.00	93.27	.....	.....	.....	92.80	93.21	93.51

1963

5	93.46	92.61	91.49	91.71	92.69	93.45	93.66	93.40	93.40	93.47	93.34	93.62
10	93.35	92.32	91.45	91.70	92.85	93.43	93.52	93.36	93.46	93.30	93.31	93.72
15	93.27	92.32	91.39	92.05	93.05	93.59	93.40	93.56	93.40	93.79	93.79	93.75
20	92.65	92.11	91.20	92.20	93.19	93.72	93.47	93.47	93.47	93.31	93.73	93.66
25	92.93	92.04	91.54	92.41	93.40	93.78	93.50	93.40	93.63	93.32	93.66	93.69
Eom	92.90	91.92	91.69	92.57	93.35	93.79	93.42	93.42	93.39	93.56	93.60	93.47

Volusia County

291105N0812515.1. Local number 29. E. M. Bolin. Barberville. SW $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported NE $\frac{1}{4}$) sec. 20, T. 15 S., R. 29 E. Drilled domestic artesian well in Florican aquifer, diam 6 in, depth 107 ft. Lsd 40.5 ft above msl. MP top of casing, at lsd. Highest water level 9.47 below lsd, July 27, 1951; lowest 18.73 below lsd, June 20, 1963. Records available: 1936-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1959	16.21	Apr. 27, 1960	14.37	July 14, 1961	16.89	July 23, 1962	18.15
Mar. 3	16.23	June 14	16.12	Aug. 16	17.06	Aug. 28	17.30
Apr. 22	15.34	Aug. 9	14.84	Sept. 26	16.36	Oct. 16	16.83
June 9	15.73	Sept. 15	14.50	Nov. 14	16.70	Dec. 12	17.45
July 21	15.40	Nov. 1	14.33	Jan. 11, 1962	17.50	Feb. 21, 1963	16.99
Sept. 4	15.53	Dec. 2	15.16	Feb. 13	17.55	Apr. 25	18.31
Oct. 20	14.98	Jan. 6, 1961	15.50	Mar. 28	18.19	June 20	18.73
Dec. 8	15.41	Feb. 21	15.33	May 8	18.57	Sept. 12	18.05
Jan. 12, 1960	15.46	Apr. 7	16.06	June 19	18.59	Oct. 24	16.97
Mar. 2	15.48	May 18	16.93				

291715N0812818.1. Local number 30. James C. Mew. Formerly Herbert Cowart. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9 (previously reported NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16), T. 14 S., R. 28 E. Drilled unused artesian well in Floridan aquifer, diam 4 in, reported depth 180 ft. Lsd 14.9 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 13.0 above lsd, July 14, 1961; lowest 6.7 above lsd, May 1948. Records available: 1936-63.

Jan. 7, 1959	+10.5	Apr. 27, 1960	+10.5	July 14, 1961	+13.0	July 23, 1962	+9.2
Mar. 3	10.5	June 14	10.3	Aug. 16	9.8	Aug. 28	9.8
Apr. 22	11.1	Aug. 9	11.6	Sept. 26	9.9	Oct. 16	10.0
June 1	11.2	Sept. 15	11.7	Nov. 14	9.8	Dec. 12	9.2
July 21	11.0	Nov. 1	11.7	Jan. 11, 1962	9.2	Feb. 21, 1963	10.0
Sept. 4	10.6	Dec. 2	11.2	Feb. 13	9.2	Apr. 25	8.6
Oct. 20	11.4	Jan. 6, 1961	10.8	Mar. 28	8.8	June 20	8.2
Dec. 8	10.6	Feb. 21	11.1	May 8	8.2	Sept. 12	9.4
Jan. 12, 1960	10.5	Apr. 7	10.7	June 19	8.4	Oct. 24	10.0
Mar. 2	10.8	May 18	9.6				

285745N0810540.1. Local number 31. Florida State Road Dept. Alama. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 18 S., R. 32 E. Drilled unused artesian well in Floridan aquifer, diam 6 in, depth 113 ft. Lsd 35.9 ft above msl. MP top of casing, at lsd. Highest water level 3.80 below lsd, September 1945; lowest 8.65 below lsd, May 30, 1962. Records available: 1936-63.

285745N0810540.1--Continued.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e4.71	4.95	4.87	4.23	4.84	4.90	4.45	4.73	4.90	4.83	4.75	4.77
10	4.77	4.95	4.89	4.53	5.12	4.81	4.60	4.63	4.93	4.84	4.81	4.85
15	4.85	5.08	4.76	4.77	5.14	5.02	4.37	4.51	4.86	4.76	4.90	4.95
20	4.90	5.18	4.11	4.80	5.27	4.46	4.35	4.72	4.74	4.81	4.96	5.02
25	4.84	e4.9	4.36	4.58	5.28	4.41	4.50	....	4.78	4.23	4.47	4.87
Eom	4.93	e5.0	4.64	4.71	5.32	4.70	4.84	....	4.90	4.60	4.70	4.77
1960												
5	4.84	4.76	4.53	4.48	5.55	6.07	4.99	4.19	4.57	4.60	5.03	5.78
10	4.98	4.50	4.68	4.68	5.70	5.92	4.66	4.29	4.20	4.15	5.18	5.85
15	5.03	4.66	4.67	4.94	5.94	6.02	4.31	4.61	3.88	4.20	5.25	5.73
20	5.23	4.79	4.10	5.10	6.19	5.80	4.24	4.80	4.10	4.50	5.33	5.64
25	5.39	4.44	4.36	5.24	6.40	5.50	4.32	4.44	3.97	4.68	5.47	5.72
Eom	5.20	4.42	4.58	5.35	6.35	5.30	4.10	4.50	3.81	4.85	5.58	5.72
1961												
5	5.90	5.38	5.30	5.57	6.33	7.25	6.42	6.55	5.05	5.20	5.40	5.42
10	5.92	5.02	5.47	5.55	6.38	7.41	6.44	6.82	5.29	5.10	4.89	5.60
15	5.70	5.10	5.61	5.50	6.50	7.60	6.57	7.02	5.19	4.84	4.98	5.67
20	5.68	5.12	5.32	5.74	6.75	7.63	6.50	6.82	4.64	4.56	5.09	5.57
25	5.85	5.02	5.21	5.94	6.87	7.12	6.30	6.12	4.79	5.24	5.18	5.62
Eom	5.73	5.14	5.32	6.23	7.08	6.70	6.55	5.08	5.04	5.40	5.28	5.80
1962												
5	5.82	6.06	6.61	6.90	e7.8	8.46	7.96	....	....	4.86	5.32	5.32
10	5.82	6.10	6.77	7.00	7.95	8.20	....	5.40	....	5.20	5.23	5.48
15	5.64	6.21	6.86	7.24	8.20	8.12	....	5.51	....	5.45	5.22	5.60
20	5.70	6.37	6.78	7.43	8.30	8.28	....	5.40	5.00	5.31	5.30	5.70
25	5.80	6.50	6.60	7.62	8.44	8.00	....	4.98	4.64	5.41	5.27	5.63
Eom	5.98	6.54	6.68	e7.7	8.60	7.99	....	5.00	4.78	5.35	5.26	5.42
1963												
5	5.52	4.93	4.70	5.62	....	....	6.67	5.69	6.00	4.99	e5.5	....
10	5.50	5.00	4.79	5.47	....	....	6.01	5.78	6.20	5.19	e5.4	....
15	5.62	4.79	4.83	5.68	....	....	5.80	5.80	6.49	5.36	e5.3	....
20	5.60	4.75	4.96	5.94	....	e7.0	5.36	5.73	5.72	5.26	e5.2	....
25	5.30	4.84	5.28	6.22	....	7.18	5.30	5.50	4.76	5.31	5.20	....
Eom	5.04	4.73	5.43	....	....	6.83	5.50	5.77	4.69	5.60	4.60	....

e Estimated.

291905N0812510.1. Local number 32. Robert Nolan. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 13 S., (previously reported NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1, T. 14 S.), R. 28 E. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 138 ft. Lsd 23.2 ft above msl. MP top of casing, 1.08 ft above lsd. Highest water level 0.4 below lsd, September, October 1947; lowest 5.28 below lsd, Apr. 6, 1956. Records available: 1936-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1959	2.35	Apr. 27, 1960	1.99	July 14, 1961	3.10	July 23, 1962	4.41
Mar. 3	2.39	June 14	2.92	Aug. 16	3.23	Aug. 28	3.19
Apr. 22	1.81	Aug. 9	1.42	Sept. 26	2.79	Oct. 16	2.76
June 1	2.08	Sept. 15	1.23	Nov. 14	2.84	Dec. 12	3.51
July 21	1.94	Nov. 1	1.16	Jan. 11, 1962	3.63	Feb. 21, 1963	2.87
Sept. 4	2.12	Dec. 2	2.01	Feb. 13	3.72	Apr. 25	4.46
Oct. 20	1.70	Jan. 6, 1961	2.16	Mar. 28	4.16	June 20	5.11
Dec. 8	2.06	Feb. 21	1.84	May 8	4.94	Sept. 12	3.94
Jan. 12, 1960	2.03	Apr. 7	2.57	June 19	5.15	Oct. 24	3.04
Mar. 2	2.00	May 18	3.32				

Wakulla County

300917N0841213.1. Local number 2. O. P. Shields. St. Marks. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11 (previously reported SW $\frac{1}{4}$ sec. 2), T. 4 S., R. 1 E. Drilled unused artesian well in Floridan aquifer, diam 4 in, depth 65 ft (previously reported 103 ft), cased to 22. Lsd 4.11 ft above msl. MP top of casing, at lsd. Highest water level 1.26 above lsd, Aug. 31, 1950; lowest 4.28 below lsd, Oct. 15, 1951. Records available: 1937, 1946-63. Recorder removed Feb. 1, 1962. Affected by tides.

300917N0841213. 1--Continued.

Highest water level for the day, above and below lsd, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-1.74	-0.99	+0.03	-1.41	-1.99	-1.20	-1.49	-0.86	-1.19	-1.15	-0.70	-1.79
10	2.10	1.24	-1.27	1.40	1.43	.89	1.62	1.33	.90	.64	1.81	1.77
15	1.25	1.53	.67	2.19	1.90	1.36	.97	1.26	.32	.41	1.13	1.72
20	1.26	2.13	1.07	1.08	.88	1.05	.66	1.20	1.30	1.02	1.75	2.03
25	1.90	1.67	1.10	1.29	1.00	1.62	1.24	1.23	1.52	1.30	1.34	1.90
Eom	1.67	-1.39	1.37	1.66	1.00	1.97	1.22	1.01	1.41	.67	1.93	1.51

1960

5	-1.28	-1.17	-2.26	-0.81	-2.03	-1.70	-1.67	-1.03	-1.03	-0.90	-1.70	-1.96
10	1.52	.18	1.54	1.72	1.70	1.87	1.18	1.14	1.20	.89	1.92	1.81
15	.94	1.72	1.14	1.49	2.08	1.85	1.32	1.27	.83	1.37	2.09	1.14
20	2.18	2.02	1.70	1.81	2.32	1.02	1.11	1.32	.99	1.74	1.64	1.55
25	1.79	.62	1.46	1.53	2.00	1.08	.91	1.03	1.17	.37	2.00	2.23
Eom	1.56	1.48	1.18	1.38	2.02	1.75	1.07	1.26	.78	.77	e2.10	....

1961

5	....	-1.93	-1.31	-1.70	....	....	....	....	-1.25	....	....	-1.55
10	....	1.74	2.38	.96	....	-2.27	....	....	.66	e1.9	-2.12	1.09
15	-1.16	1.33	1.69	....	....	2.28	-1.33	....	1.23	....	....	....
20	2.20	1.41	1.22	....	....	1.07	1.27	....	1.41	2.07	....	....
25	1.70	1.00	2.09	....	....	....	1.33	....	1.04	e1.5	....	....
Eom	1.88	1.33	.54	....	....	....	1.36	-0.56	1.57	....	....	e1.6

1962

5	-1.30	....	....	....	....	....	....	....	....	....	....	....
10	1.76	....	....	....	....	....	....	....	....	....	....	....
15	1.80	....	....	....	....	....	....	....	....	....	....	....
20	1.66	....	....	....	....	....	....	....	....	....	....	....
25	1.85	....	....	....	....	....	....	....	....	....	....	....
Eom	1.92	....	....	....	....	....	....	....	....	....	....	....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1, 1962	2.09	June 21, 1962	2.21	Dec. 10, 1962	2.13	June 14, 1963	2.15
15	2.53	July 27	2.18	Feb. 22, 1963	2.08	Aug. 28	1.57
Mar. 29	1.67	Aug. 27	2.08	Apr. 19	2.53	Oct. 25	2.43
May 1	2.03	Oct. 23	2.27				

300002N0842605.1. Local number 11. U. S. Dept. of Interior. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T. 5 S., R. 2 W. (previously reported Ochlocknee Bay). Drilled domestic artesian well in Floridan aquifer, diam 4 in, depth 70 ft, cased to 45. MP top of casing, 1.00 ft above lsd. Highest water level 5.10 below lsd. Sept. 23, 1959; lowest 9.00 below lsd, Mar. 7, 1949. Records available: 1946-63. Affected by tides.

Feb. 4, 1959	7.90	May 9, 1960	8.25	June 7, 1961	7.31	July 30, 1962	6.14
Mar. 18	7.39	June 29	7.89	July 14	7.97	Sept. 17	6.75
May 6	7.62	Aug. 10	7.51	Aug. 30	7.77	Nov. 5	6.90
June 17	6.14	Sept. 21	7.57	Oct. 16	8.05	Jan. 7, 1963	7.53
Aug. 19	7.61	Nov. 9	7.62	Nov. 27	7.89	Mar. 4	7.32
Sept. 23	5.10	Dec. 14	8.12	Jan. 8, 1962	8.25	Apr. 22	7.20
Nov. 4	7.18	Jan. 11, 1961	8.45	Feb. 26	7.74	June 17	5.70
Dec. 16	8.72	Mar. 8	7.82	Apr. 16	8.72	Sept. 4	7.04
Jan. 27, 1960	8.27	Apr. 17	8.53	June 7	6.70	Oct. 21	7.04
Mar. 23	7.64						

Walton County

302215N0860655.1. Local number 13. O. H. Saltsman. Point Washington. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 2 S., R. 19 W. Drilled public-supply artesian well in Floridan aquifer, diam 8 in, reported depth 450 ft. Lsd 10.56 ft above msl. MP top of 8-in tee, 2.00 ft above lsd. Highest water level 20.8 above lsd, Sept. 3, 1947; lowest 8.9 above lsd, Sept. 6, 1956. Records available: 1936, 1946-63.

Feb. 4, 1959	+12.8	May 10, 1960	+12.3	June 8, 1961	+11.4	July 31, 1962	+11.0
Mar. 18	12.4	June 30	11.7	July 13	11.2	Sept. 19	11.3
May 6	12.2	Aug. 11	11.8	Aug. 31	12.0	Nov. 7	10.4
June 17	13.0	Sept. 22	12.2	Oct. 18	11.8	Jan. 11, 1963	10.8
Aug. 19	12.5	Nov. 9	11.9	Nov. 29	11.4	Mar. 8	11.1
Sept. 23	12.8	Dec. 15	12.0	Jan. 10, 1962	11.9	Apr. 26	10.8
Nov. 4	13.0	Jan. 12, 1961	12.0	Feb. 28	10.2	June 21	10.6
Dec. 16	12.4	Mar. 9	12.1	Apr. 17	11.6	Aug. 28	10.8
Jan. 27, 1960	12.2	Apr. 18	12.3	June 6	11.2	Oct. 23	10.7
Mar. 23	12.6						

302200N0860659.1. Local number 14. Walton County. Point Washington. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 2 S., R. 19 W. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, reported depth 400 ft. Lsd 14.81 ft above msl. MP top of 2-in tee, 2.00 ft above lsd. Highest water level 15.9 above lsd, July 12, 1949; lowest 7.5 above lsd, June 14, 1956. Records available: 1936, 1946-61. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1959	+9.2	Nov. 4, 1959	+9.2	Aug. 11, 1960	+8.1	Jun ^a 8, 1961	+8.1
Mar. 18	8.8	Dec. 16	8.8	Sept. 22	8.4	July 13	7.6
May 6	8.6	Jan. 27, 1960	8.8	Nov. 9	8.2	Aug. 31	8.2
June 17	9.2	Mar. 14	8.9	Jan. 12, 1961	8.6	Oct. 18	8.8
Aug. 19	8.9	May 10	8.7	Mar. 9	8.5	Nov. 29	8.0
Sept. 23	9.0	June 30	8.2	Apr. 18	8.5		

302935N0860745.1. Local number 17. Tenneco Oil Co. Formerly Citiz^ans Oil Co. Freeport. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15, T. 1 S., R. 19 W. Drilled unused (previously reported industrial) artesian well in Floridan aquifer, diam 8 in, reported depth 187 ft. Lsd 2.70 ft above msl. MP top of 8-in tee, 3.50 ft above lsd. Highest water level 35.0 above lsd, Sept. 3, 1947; lowest 19.1 above lsd, July 3, 1957. Records available: 1947-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1959	+26.7	Mar. 23, 1960	+26.5	June 8, 1961	+25.9	July 31, 1962	+25.8
Mar. 18	25.7	May 10	26.8	July 13	26.0	Sept. 19	26.0
May 6	26.2	June 30	26.2	Aug. 31	26.1	Nov. 7	24.5
June 17	26.6	Aug. 11	26.1	Oct. 18	25.6	Mar. 8, 1963	24.7
Aug. 19	26.5	Sept. 22	27.5	Nov. 29	25.5	Apr. 26	24.5
Sept. 23	26.5	Nov. 9	25.9	Jan. 10, 1962	25.2	Jun ^a 21	23.9
Nov. 4	26.5	Dec. 15	26.1	Feb. 28	26.0	Aug. 27	24.1
Dec. 16	26.1	Apr. 18, 1961	27.1	Apr. 17	25.7	Oct. 23	24.5
Jan. 27, 1960	26.5						

Washington County

304632N0854851.1. Local number 4. Town of Caryville. NE $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported NW $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 11, T. 4 N., R. 16 W. Drilled public-supply artesian well in Floridan aquifer, diam 4 in, reported depth 785 ft. Lsd 62.97 ft (previously reported 58 ft) above msl. MP top of casing, 1.00 ft above lsd. Highest water level 0.00, Dec. 12, 1935; lowest 17.98 below lsd, Nov. 23, 1952. Records available: 1935, 1946-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 6, 1959	12.45	May 12, 1960	10.24	June 9, 1961	12.06	Aug. 2, 1962	13.86
Mar. 20	9.35	July 2	12.76	July 12	11.37	Sept. 19	15.18
May 8	11.49	Aug. 12	13.11	Sept. 1	11.45	Nov. 9	15.85
June 19	11.67	Sept. 23	14.85	Oct. 19	12.90	Jan. 9, 1963	14.38
Aug. 21	11.55	Nov. 11	14.55	Nov. 30	13.98	Mar. 6	10.67
Sept. 25	12.08	Dec. 16	14.72	Jan. 11, 1962	9.71	Apr. 24	12.31
Nov. 6	10.02	Jan. 13, 1961	14.16	Mar. 2	9.12	June 19	14.05
Dec. 18	11.39	Mar. 19	10.25	Apr. 19	9.49	Aug. 26	12.50
Jan. 29, 1960	11.00	Apr. 19	7.50	June 4	12.26	Oct. 25	12.58
Mar. 25	10.25						

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GEORGIA

By H. E. Blanchard, Jr.

The observation-well program in Georgia, begun in 1938, was continued during 1959 through 1963, in cooperation with the State Department of Mines, Mining, and Geology. Figure 4 shows the location of observation wells included in this report.

Well-Numbering System

Wells are numbered serially within each county.

Well Descriptions and Water-level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Appling County

314612N0821954.1. Local number 3. Filtered Rosin Products Co. Near Fxley. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 625 ft, cased to 525. Lsd 204 ft above msl. MP top of hole in pumpbase, 1.20 ft above lsd. Highest water level 128.6 below lsd, Sept. 20, 1946; lowest 143.76 below lsd, Dec. 2, 1955. Records available: 1940-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 26, 1959	138.62	Oct. 19, 1960	139.40	May 14, 1962	141.60	May 14, 1963	142.60
Oct. 12	138.14	May 19, 1961	137.30	Oct. 8	142.80	Oct. 7	142.90
May 9, 1960	138.50	Oct. 17	140.95				

Bryan County

315651N0811841.1. Local number 87. International Paper Co. Richmond Hill. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 580 ft, cased to 113. Lsd 23 ft above msl. MP top of 4-in cross, 2.56 ft above lsd. Highest water level 4.53 above lsd, Oct. 31, 1939; lowest 19.04 below lsd, Sept. 16, 1963. Records available: 1939-63.

Mar. 19, 1959	10.44	June 13, 1960	13.34	Sept. 28, 1961	15.44	Dec. 10, 1962	17.69
June 19	11.55	Sept. 9	13.92	Dec. 18	15.24	Mar. 7, 1963	16.34
Sept. 18	12.16	Dec. 8	13.49	Mar. 20, 1962	14.79	July 24	17.69
Dec. 4	11.93	Mar. 15, 1961	12.82	June 28	16.34	Sept. 16	19.04
Mar. 8, 1960	11.70	July 7	14.24	Oct. 1	16.69	Dec. 6	18.89

321407N0812649.1. Local number 144. U. Butler. Eldora. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth about 400 ft, cased to 80. Lsd 65.7 ft above msl. MP top of casing, 1.70 ft above lsd. Highest water level 19.85 below lsd, Nov. 29, 1948; lowest 35.80 below lsd, Dec. 10, 1963. Records available: 1942-63.

Jan. 26, 1959	28.40	Jan. 8, 1960	28.80	Dec. 7, 1960	30.02	July 26, 1962	32.35
Feb. 26	28.17	Feb. 5	28.26	Jan. 6, 1961	30.00	Aug. 21	32.40
Mar. 30	27.86	Mar. 4	28.45	Mar. 8	29.20	Oct. 30	32.80
Apr. 26	28.02	Apr. 1	28.43	Apr. 13	29.00	Jan. 29, 1963	32.10
May 29	28.25	May 2	28.57	July 5	26.93	Feb. 27	33.10
June 29	28.45	June 21	29.18	Aug. 7	27.12	Apr. 15	33.80
July 30	28.76	July 6	29.45	Oct. 26	27.80	Aug. 29	34.80
Sept. 1	28.86	Aug. 5	29.40	Dec. 15	28.05	Oct. 15	35.70
Oct. 28	28.74	Sept. 6	29.60	Mar. 29, 1962	24.10	Dec. 10	35.80
Dec. 14	29.03	Oct. 5	29.62	Apr. 20	28.61		

320906N0813032.1. Local number 146. Mill Creek School. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 6 in, depth 423 ft, cased to 318. Lsd 66.50 ft above msl. MP top of 6-in coupling, 1.50 ft above lsd. Highest water level 19.53 below lsd, Mar. 6, 1941; lowest 39.10 below lsd, Oct. 15, Dec. 10, 1963. Records available: 1941-63

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1959	32.12	Feb. 5, 1960	32.89	Jan. 6, 1961	34.70	July 26, 1962	36.50
Feb. 26	32.12	Mar. 4	33.34	Mar. 8	33.90	Aug. 21	36.60
Mar. 30	32.14	Apr. 1	33.25	Apr. 13	33.90	Oct. 30	37.00
Apr. 29	32.20	May 2	33.43	July 5	35.10	Dec. 12	37.40
May 29	32.66	June 21	34.00	Aug. 7	35.30	Jan. 29, 1963	37.30
June 29	32.99	July 6	34.27	Oct. 26	35.90	Feb. 27	37.10
July 30	33.20	Aug. 5	34.38	Dec. 15	36.00	Apr. 15	38.20
Sept. 1	33.32	Sept. 6	34.44	Mar. 29, 1962	35.70	Aug. 29	38.40
Oct. 28	33.34	Oct. 5	34.50	Apr. 20	35.70	Oct. 15	39.10
Dec. 14	33.55	Dec. 7	34.72	June 27	36.25	Dec. 10	39.10
Jan. 8, 1960	33.37						

315035N0811516.1. Local number 148. International Paper Co. Keller. Drilled domestic (previously reported unused) artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 440 ft, cased to 152. Lsd 17 ft above msl. MP top of 4-in tee, 1.00 ft above lsd. Highest water level 7.40 above lsd, Mar. 25, 1941; lowest 12.8 below lsd, Dec. 6, 1963. Records available: 1940-63.

Mar. 19, 1959	5.50	June 13, 1960	7.32	Sept. 28, 1961	9.42	Dec. 10, 1962	10.92
June 19	5.99	Sept. 9	8.12	Dec. 18	9.52	Mar. 7, 1963	10.72
Sept. 18	6.92	Dec. 8	7.87	Mar. 20, 1962	9.12	July 24	11.92
Dec. 4	6.62	Mar. 15, 1961	7.37	June 28	10.17	Sept. 16	12.72
Mar. 9, 1960	6.67	July 7	8.77	Oct. 2	10.72	Dec. 6	12.80

315132N0811655.1. Local number 149. International Paper Co. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 500 ft, cased to 160. Lsd 10 ft above msl. MP top of 4-in tee, 0.68 (previously reported 0.63) ft above lsd. Highest water level 5.65 above lsd, Dec. 17, 1940; lowest 15.02 below lsd, Dec. 6, 1963. Records available: 1940-47, 1949-63.

Mar. 19, 1959	7.37	June 13, 1960	9.27	Sept. 28, 1961	11.52	Mar. 7, 1963	12.72
June 19	8.12	Sept. 9	10.12	Dec. 18	11.57	July 24	14.07
Sept. 18	8.77	Dec. 8	10.05	Mar. 20, 1962	11.12	Sept. 16	14.87
Dec. 4	8.46	Mar. 15, 1961	9.50	Oct. 2	12.72	Dec. 6	15.02
Mar. 9, 1960	8.58	July 7	10.92	Dec. 10	12.92		

315731N0811934.1. Local number 150. Mrs. E. M. Berry. Richmond Hill. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 to 3 in, depth 480 ft, cased to about 400. Lsd 15 ft above msl. MP top of 2-in tee, 4.25 ft above lsd (since 1963). Highest water level 12.57 above lsd, Dec. 17, 1940; lowest 9.95 below lsd, Sept. 16, Dec. 6, 1963. Records available: 1940-63.

Mar. 19, 1959	1.55	June 13, 1960	4.35	Sept. 28, 1961	6.30	Dec. 10, 1962	7.65
June 19	2.52	Sept. 9	4.90	Dec. 18	6.15	Mar. 7, 1963	7.35
Sept. 18	3.24	Dec. 8	4.35	Mar. 20, 1962	5.75	July 24	8.95
Dec. 4	1.28	Mar. 15, 1961	3.90	June 28	7.25	Sept. 16	9.95
Mar. 7, 1960	2.90	July 7	5.75	Oct. 2	7.65	Dec. 6	9.95

315022N0811613.1. Local number 151. International Paper Co. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 500 ft, cased to 160. Lsd 18 ft above msl. MP bottom edge of overflow pipe, 3.59 ft above lsd. Highest water level 8.3 above lsd, Mar. 25, 1941; lowest 11.91 below lsd, Sept. 16, 1963. Records available: 1941-63.

Mar. 19, 1959	4.60	Sept. 9, 1960	6.98	Dec. 18, 1961	8.66	Mar. 7, 1963	9.81
June 19	5.40	Dec. 8	7.03	Mar. 20, 1962	8.31	Apr. 17	10.10
Sept. 18	5.89	Mar. 15, 1961	6.71	June 28	9.41	July 24	11.01
Dec. 4	5.58	July 7	8.01	Oct. 2	9.61	Sept. 16	11.91
Mar. 9, 1960	5.87	Sept. 28	8.41	Dec. 10	10.01	Dec. 6	11.86
June 13	6.31						

315326N0811157.1. Local number 162. International Paper Co. Drilled domestic (previously reported unused) artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 780 ft, cased to 152. Lsd 15 ft above msl. MP top of 4-in pipe, 3.00 ft above lsd. Highest water level 0.67 above lsd, June 23, 1943; lowest 22.45 below lsd, Sept. 16, 1963. Records available: 1943, 1954-63.

Mar. 19, 1959	13.26	Sept. 9, 1960	16.45	Dec. 18, 1961	18.55	Mar. 7, 1963	19.55
June 19	14.61	Dec. 8	15.85	Mar. 20, 1962	18.15	Apr. 17	19.75
Sept. 18	15.25	Mar. 15, 1961	15.35	June 28	19.65	July 24	20.75
Dec. 4	14.15	July 7	18.02	Oct. 2	19.15	Sept. 16	22.45
Mar. 9, 1960	15.01	Sept. 28	17.80	Dec. 10	19.75	Dec. 6	21.65
June 13	15.65						

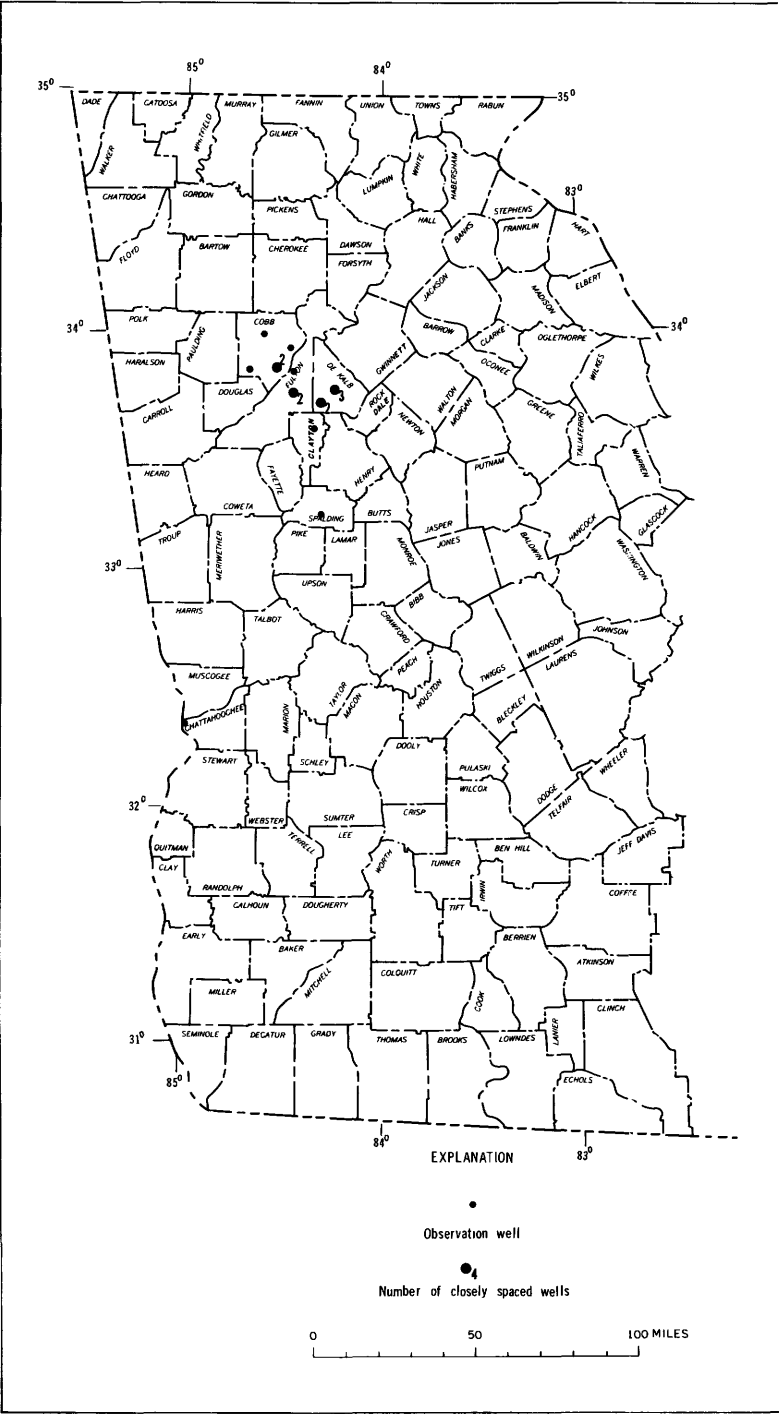
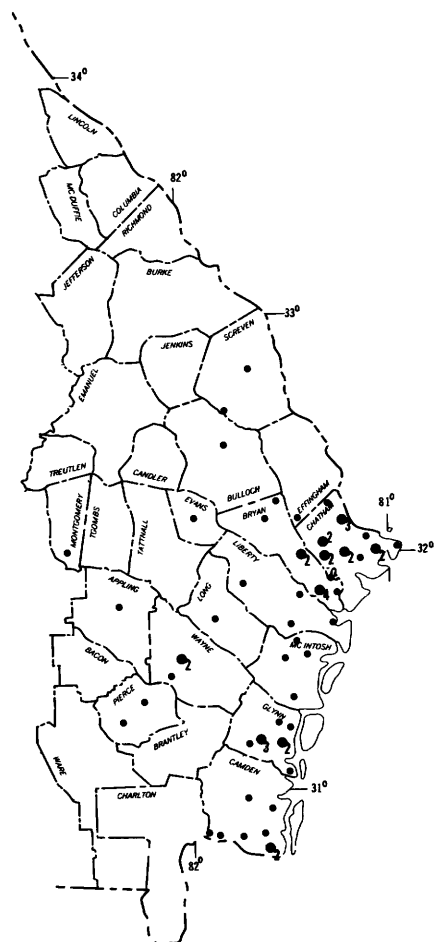


Figure 4. --Location of observation



wells in Georgia, 1959-63.

314923N0811730.1. Local number 171. Deal & Purvis. Belfast. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 600 ft, cased to 120. Lsd 17 ft above msl. MP top of 3-in cross, 0.70 ft above lsd. Highest water level 8.0³ above lsd, Mar. 5, 1947; lowest 10.5 below lsd, Sept. 16, 1963. Records available: 1942-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 19, 1959	3.32	June 13, 1960	4.67	Sept. 28, 1961	6.57	Dec. 10, 1962	8.60
June 19	3.98	Sept. 9	5.45	Dec. 18	7.20	Mar. 7, 1963	8.55
Sept. 18	4.30	Dec. 8	5.40	Mar. 20, 1962	6.75	July 24	9.20
Dec. 4	4.06	Mar. 15, 1961	5.40	June 28	7.80	Sept. 16	10.50
Mar. 9, 1960	4.54	July 7	6.65	Oct. 2	7.80	Dec. 6	10.20

Bulloch County

322728N0814600.1. Local number 71. Wingate Faceville. Drilled industrial (previously reported unused) artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 390 ft. Lsd 187 ft above msl. MP top of 8-in casing, 4.50 ft above lsd (since Oct. 8, 1962). Highest water level 67.7 below lsd, Feb. 1, 1949; lowest 75.5 below lsd, Oct. 7, 1962. Records available: 1948-63.

Jan. 31, 1959	72.3	Dec. 1, 1959	71.3	June 3, 1960	71.3	Dec. 1, 1960	71.3
Feb. 28	72.29	31	70.9	Aug. 3	71.3	Mar. 8, 1961	73.1
July 28	72.3	Feb. 3, 1960	70.9	Sept. 1	72.3	Oct. 8, 1962	74.4
Sept. 3	72.3	29	71.3	30	71.3	May 14, 1963	75.0
Oct. 2	71.2	Mar. 31	71.2	Nov. 1	71.2	Oct. 7	75.5
Nov. 2	71.0	May 3	71.3				

Camden County

304950N0815410.1. Local number 2. Lester Varn. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 400+ ft. Lsd 12 ft above msl. MP top of 4-in tee, 2.60 ft above lsd. Highest water level 42.20 above lsd, Nov. 3, 1939; lowest 33.22 above lsd, Oct. 9, 1962. Records available: 1939, 1958-63.

Nov. 3, 1939	+42.20	Oct. 13, 1959	+40.00	Oct. 18, 1961	+36.50	May 15, 1963	+36.50
Mar. 11, 1958	39.40	May 10, 1960	39.89	May 15, 1962	36.50	Oct. 9	37.86
May 26, 1959	38.98	Oct. 20	33.79	Oct. 9	33.22		

304800N0814118.1. Local number 12. J. J. Godley. Kingsland. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 400+ ft. Lsd 35.4 ft above msl. MP top of 3-in cross, 1.50 ft above lsd. Highest water level 25.48 above lsd, Dec. 7, 1947; lowest 7.25 above lsd, Oct. 9, 1963. Records available: 1938, 1940-63.

May 26, 1959	+13.36	Oct. 20, 1960	+13.04	May 15, 1962	+8.64	May 15, 1963	+7.30
Oct. 13	13.62	May 18, 1961	11.86	Oct. 9	8.30	Oct. 9	7.25
May 10, 1960	13.37	Oct. 18	10.48				

304450N0813350.1. Local number 14. Rayonier, Inc. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 475 ft. Lsd 25 ft above msl. MP top of 4-in tee, 4.50 ft above lsd. Highest water level 23.80 above lsd, Nov. 15, 1958; lowest 13.43 above lsd, Oct. 9, 1963. Records available: 1938, 1957-63.

Nov. 15, 1938	+23.80	Oct. 13, 1959	+19.98	May 18, 1961	+19.20	Oct. 9, 1962	+15.35
June 21, 1957	16.70	May 10, 1960	20.77	Oct. 18	17.28	May 15, 1963	14.44
Mar. 13, 1958	20.20	Oct. 20	21.00	May 15, 1962	15.91	Oct. 9	13.43
May 26, 1959	20.43						

305634N0814017.1. Local number 59. Mrs. Jessie Colson. Formerly Mrs. Jessie Riley. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth about 400 ft. Lsd 24 ft above msl. MP top of 4-in cross, 2.00 ft above lsd. Highest water level 32.7 above lsd, June 22, 1939; lowest 17.80 above lsd, Oct. 9, 1963. Records available: 1939-46, 1949-63.

May 26, 1959	+22.83	Oct. 20, 1960	+23.59	May 15, 1962	+20.29	May 15, 1963	+19.16
Oct. 13	23.08	May 18, 1961	22.89	Oct. 9	19.72	Oct. 9	17.80
May 10, 1960	22.61	Oct. 18	21.32				

304753N0813103.1. Local number 68. Kings Bay Club. U. S. Government. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 575 ft, cased to 320. Lsd 11 ft above msl. MP top of 3-in cross, 1.50 ft above lsd. Highest water level 49.27 above lsd, June 23, 1939; lowest 23.74 above lsd, Oct. 9, 1963. Records available: 1939-47, 1949-63.

May 26, 1959	+32.52	Oct. 20, 1960	+32.73	May 15, 1962	+25.55	May 15, 1963	+25.55
Oct. 13	31.98	May 18, 1961	30.02	Oct. 9	26.22	Oct. 9	23.74
May 10, 1960	31.93	Oct. 18	28.69				

305045N0813103.1. Local number 71. St. Marys American Legion Club. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 6 to 4 in, depth 565 ft, cased to 250. Lsd 8 ft above msl. MP top of faucet, 2.50 ft above lsd. Highest water level 47.30 above lsd, June 23, 1939; lowest 34.03 above lsd, Oct. 9, 1963. Records available: 1939, 1957-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 23, 1939	+47.30	Oct. 13, 1959	+40.47	May 18, 1961	+40.02	Oct. 9, 1962	+35.84
June 20, 1957	38.10	May 10, 1960	42.05	Oct. 18	37.76	May 15, 1963	35.50
Mar. 12, 1958	40.80	Oct. 20	42.26	May 15, 1962	36.10	Oct. 9	34.03
May 26, 1959	41.07						

304830N0815110.1. Local number 118. Oscar Silcox. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth about 600 ft. Lsd 20 ft above msl. MP top of 3-in cross, at lsd. Highest water level 40.87 above lsd, Dec. 7, 1947; lowest 24.95 above lsd, Oct. 9, 1963. Records available: 1939, 1941-63.

May 26, 1959	+31.50	Oct. 20, 1960	+31.24	May 15, 1962	+27.20	May 15, 1963	+26.42
Oct. 13	30.72	May 18, 1961	30.60	Oct. 9	26.87	Oct. 9	24.95
May 10, 1960	31.33	Oct. 18	28.54				

304344N0813244.1. Local number 161. Edward Floyd. St. Marys. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 2 in, depth 600 ft, cased to 400. Lsd 10 ft above msl. MP top of 2-in tee, 1.10 ft above lsd. Highest water level 19.10 above lsd, July 17, 1952; lowest 20.50 below lsd, Oct. 9, 1963. Records available: 1952-55, 1957-63.

May 26, 1959	+7.5	Oct. 20, 1960	-11.14	Oct. 18, 1961	-16.95	Oct. 9, 1962	-20.30
Oct. 13	+6.9	May 18, 1961	14.40	May 15, 1962	19.40	Oct. 9, 1963	20.50
May 10, 1960	-10.76						

Chatham County

320459N0810753.1. Local number 28. Reliance Fertilizer Co. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 480 ft, cased to 160. Lsd 16.37 ft above msl. MP hole in pumpbase, 1.50 ft above lsd. Highest water level 33.25 below lsd, Oct. 11, 1939; lowest 123.27 below lsd, Sept. 23, 1963. Records available: 1932, 1937-42, 1952-63.

Jan. 15, 1959	99.10	Apr. 22, 1960	110.32	Sept. 26, 1961	114.80	Oct. 22, 1962	116.70
Feb. 16	93.53	May 17	109.93	Oct. 24	115.20	Nov. 20	114.60
Mar. 17	98.25	June 14	114.52	Nov. 27	114.10	Dec. 17	117.60
Apr. 17	104.15	July 12	110.25	Dec. 12	116.30	Jan. 25, 1963	115.9
May 18	106.90	Aug. 12	113.45	Jan. 24, 1962	111.70	Feb. 18	112.6
June 17	105.02	Sept. 13	108.45	Feb. 28	108.95	Mar. 25	114.9
July 16	101.62	Oct. 11	112.70	Mar. 21	107.60	Apr. 10	116.6
Aug. 26	104.41	Dec. 1	109.35	Apr. 25	113.50	May 27	116.8
Oct. 9	106.56	Jan. 7, 1961	106.70	May 25	118.35	July 22	115.7
Nov. 9	106.50	Apr. 18	112.10	June 27	116.40	Aug. 26	122.8
Jan. 25, 1960	106.62	May 24	115.90	July 25	116.50	Sept. 23	123.27
Feb. 23	105.60	July 17	113.00	Aug. 20	114.30	Oct. 28	122.75
Mar. 22	107.27	Aug. 28	115.90	Sept. 26	118.50	Dec. 3	117.8

320657N0810757.1. Local number 30. Dixie Asphalt Corp. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 12 in, depth 608 ft, cased to 234. Lsd 11.33 ft above msl. MP hole in pumpbase, 0.20 ft above lsd. Highest water level 24.81 below lsd, Oct. 11, 1939; lowest 118.2 below lsd, Sept. 23, Oct. 28, 1963. Records available: 1938-63.

Jan. 15, 1959	90.04	May 17, 1960	108.54	Sept. 25, 1961	116.90	Nov. 20, 1962	111.80
Feb. 16	85.28	June 14	112.70	Oct. 24	116.20	Dec. 17	111.40
Mar. 17	99.76	July 12	109.90	Dec. 12	115.50	Jan. 25, 1963	111.7
Apr. 17	96.91	Aug. 12	111.40	Jan. 24, 1962	108.60	Feb. 17	109.5
May 18	98.95	Sept. 13	105.80	Feb. 28	106.60	Mar. 25	112.0
June 17	105.71	Oct. 11	104.60	Mar. 21	105.80	Apr. 10	112.0
July 16	97.19	Dec. 1	108.55	Apr. 25	107.80	May 27	112.05
Aug. 12	106.10	Jan. 17, 1961	104.55	May 25	115.80	June 25	113.3
Oct. 9	108.70	Mar. 7	106.05	June 27	113.20	July 22	111.5
Nov. 30	102.62	Apr. 18	112.65	July 25	112.90	Aug. 26	117.8
Jan. 25, 1960	106.11	May 24	115.60	Aug. 20	112.50	Sept. 23	118.2
Feb. 23	105.50	June 27	109.25	Sept. 26	112.40	Oct. 28	118.2
Mar. 22	99.56	July 17	113.80	Oct. 22	112.70	Dec. 3	113.0
Apr. 22	107.64	Aug. 28	115.60				

320507N0810601.1. Local number 63. Colonial Ice Co. McGuire and Indian Sts., Savannah. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 12 in, depth 525 ft, cased to 120. Lsd 19.30 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 46.52 below lsd, Oct. 18, 1939; lowest 121.40 below lsd, Aug. 26, 1963. Records available: 1939-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1959	95.92	Apr. 22, 1960	105.11	July 17, 1961	113.34	Oct. 28, 1962	116.00
Feb. 11	92.60	May 17	108.10	Aug. 28	114.45	Nov. 20	112.78
Mar. 13	95.70	June 14	110.37	Sept. 25	114.84	Dec. 17	114.90
Apr. 17	99.75	July 12	110.00	Oct. 24	113.30	Jan. 25, 1963	114.30
May 19	106.80	Aug. 12	111.87	Nov. 9	117.31	Feb. 17	110.45
June 30	108.72	Sept. 13	105.25	Dec. 12	113.67	Mar. 25	111.60
July 2	107.62	Oct. 11	110.89	Jan. 24, 1962	111.41	Apr. 10	115.50
Aug. 28	105.00	Nov. 8	107.30	Feb. 28	109.70	May 27	117.40
Sept. 28	104.83	Dec. 1	105.18	Mar. 21	108.37	June 25	117.30
Oct. 5	104.87	Jan. 17, 1961	101.05	Apr. 25	111.97	July 22	117.00
Nov. 9	102.32	Feb. 15	105.97	May 25	118.89	Aug. 26	121.40
Dec. 9	102.57	Mar. 17	102.90	June 27	115.92	Sept. 23	121.15
Jan. 24, 1960	101.60	Apr. 18	107.32	July 25	118.47	Oct. 28	120.68
Feb. 23	100.87	May 24	112.52	Aug. 20	117.30	Nov. 20	116.50
Mar. 22	102.00	June 27	114.60	Sept. 26	117.15	Dec. 3	114.15

320603N0810702.1. Local number 76. Pierpont Manufacturing Co. La'hrop Ave., Savannah. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 378 ft, cased to about 150. Lsd 12.1 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 53.26 below lsd, May 8, 1939; lowest 144.55 below lsd, Aug. 26, 1963. Records available: 1939-63.

Jan. 15, 1959	113.08	Mar. 22, 1960	128.39	Aug. 28, 1961	136.80	Oct. 22, 1962	138.60
Feb. 16	108.13	Apr. 22	129.35	Sept. 25	137.55	Nov. 20	137.70
Mar. 17	118.07	May 17	131.18	Oct. 24	138.90	Dec. 17	137.65
Apr. 17	124.61	June 14	135.43	Nov. 27	137.55	Jan. 25, 1963	137.30
May 18	128.30	July 12	132.60	Dec. 12	135.75	Feb. 17	134.00
June 17	129.05	Aug. 12	134.00	Jan. 24, 1962	135.20	Mar. 25	137.40
July 16	124.20	Sept. 13	127.97	Feb. 28	132.80	Apr. 10	138.55
Aug. 12	129.08	Oct. 11	133.78	Mar. 21	132.60	May 27	138.00
Sept. 11	127.69	Dec. 1	130.80	Apr. 25	136.20	June 25	140.30
Oct. 9	131.10	Jan. 17, 1961	125.65	May 25	141.05	July 22	136.40
Nov. 9	132.25	Mar. 7	128.10	June 27	138.00	Aug. 26	144.55
Dec. 30	121.87	Apr. 18	134.30	July 25	139.50	Sept. 23	143.80
Jan. 24, 1960	126.70	May 24	138.00	Aug. 20	139.40	Oct. 28	144.45
Feb. 23	125.93	July	133.80	Sept. 26	140.60	Dec. 3	138.80

320824N0810842.1. Local number 81. Gordon Saussy. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 6 in, depth 522 ft, cased to 60. Lsd 15.1 ft above msl. MP top of casing, at lsd. Highest water level 36.12 below lsd, Mar. 19, 1942; lowest 91.25 below lsd, May 25, 1962. Records available: 1940-62. Well destroyed; measurement discontinued, July 1, 1962.

Jan. 15, 1959	73.61	Nov. 9, 1959	77.44	Sept. 13, 1960	77.80	Sept. 26, 1961	85.20
Feb. 16	68.60	Dec. 30	70.70	Oct. 11	82.10	Oct. 24	84.70
Mar. 17	72.00	Jan. 25, 1960	77.20	Dec. 1	80.00	Nov. 27	85.20
Apr. 17	74.88	Feb. 23	77.60	Jan. 17, 1961	76.05	Dec. 12	85.50
May 18	78.90	Mar. 22	78.35	Mar. 7	77.76	Jan. 24, 1962	84.10
June 17	77.84	Apr. 22	80.20	Apr. 18	83.30	Feb. 28	83.40
July 16	76.88	May 17	79.93	May 24	85.00	Mar. 21	82.15
Aug. 12	78.30	June 14	82.25	June 27	86.10	Apr. 25	86.70
Sept. 11	76.90	July 12	80.22	July 17	84.20	May 25	91.25
Oct. 9	79.84	Aug. 12	81.45	Aug. 28	84.90		

320443N0810237.1. Local number 84. Standard Oil Co. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 10 in, depth 652 ft, cased to 230. Lsd 5.50 ft above msl. MP hole in pumpbase, 0.50 ft above lsd. Highest water level 20.75 below lsd, Jan. 4, 1941; lowest 71.90 below lsd, Aug. 20, 1962. Records available: 1941-63.

Jan. 19, 1959	56.62	Jan. 25, 1960	59.00	Nov. 29, 1960	63.38	Dec. 12, 1961	65.85
Feb. 16	53.84	Feb. 23	57.98	Jan. 17, 1961	52.95	Jan. 24, 1962	64.15
Mar. 17	53.00	Mar. 22	57.90	Mar. 7	56.60	Mar. 21	62.75
May 18	60.12	Apr. 22	59.60	Apr. 18	60.70	July 25	68.90
June 17	61.27	May 17	60.80	May 24	65.55	Aug. 20	71.90
July 16	55.64	June 14	63.96	June 27	67.20	Sept. 26	69.15
Aug. 12	59.56	July 12	62.97	July 17	66.57	Oct. 25	68.70
Sept. 11	59.16	Aug. 12	63.55	Aug. 28	66.40	Nov. 20	65.80
Oct. 9	59.77	Sept. 13	60.79	Sept. 26	65.88	Dec. 17	67.40
Nov. 9	60.14	Oct. 11	62.08	Oct. 24	65.00	Jan. 25, 1963	68.40

320443N0810237.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 18, 1963	61.70	May 27, 1963	66.30	Aug. 26, 1963	70.10	Oct. 28, 1963	70.00
Mar. 25	64.25	June 25	66.60	Sept. 30	70.60	Dec. 3	64.70
Apr. 11	64.20	July 22	66.70				

324500N0805829.1. Local number 123. Henry Walthour Estate. Wilmington Island. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 275 ft, cased to 100. Lsd 4.7 ft above msl. MP floor of recorder shelter, 2.21 ft above lsd (since March 1958). Highest water level 4.06 below lsd, Oct. 12, 1939; lowest 32.86 below lsd, Sept. 30, 1963. Records available: 1938-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	23.65	23.38	22.28	22.68	24.08	25.17	26.30	25.62	25.96	.....	24.92	24.86
10	23.65	23.20	22.32	22.94	24.50	25.33	26.04	25.58	.....	.....	.....	25.08
15	23.50	23.11	22.40	23.16	24.64	25.45	25.63	25.82	.....	.....	.....	24.97
20	23.92	23.08	22.34	23.16	25.06	.....	25.12	25.90	.....	.....	.....	24.78
25	23.90	23.00	22.55	23.61	.....	.....	25.16	25.94	.....	.....	25.03	24.56
Eom	.....	22.54	22.37	23.70	.....	.....	25.43	26.06	.....	.....	25.30	24.32

1960

5	23.70	23.68	24.70	24.39	25.05	26.43	27.66	26.73	27.18	26.36	26.40	25.77
10	23.80	23.80	24.39	24.58	24.86	26.31	27.38	26.90	27.20	26.60	26.35	25.71
15	23.45	24.31	24.08	24.71	25.25	26.94	27.35	27.35	26.98	26.57	26.07	25.56
20	23.90	24.58	24.53	24.68	25.67	27.28	26.98	27.33	26.52	26.56	25.65	25.78
25	24.20	23.90	24.33	24.92	26.26	27.49	26.72	27.38	26.11	26.34	25.43	26.13
Eom	23.75	24.42	24.35	25.19	26.48	27.47	26.65	27.41	26.22	26.00	25.63	25.41

1961

5	25.26	24.83	23.95	24.95	25.89	27.77	29.54	30.29	29.50	29.30	29.43	29.03
10	24.80	24.72	24.40	25.16	26.12	28.39	29.47	30.38	29.67	29.31	29.18	29.04
15	23.88	24.61	24.07	24.40	26.26	28.79	29.52	29.99	29.61	29.26	29.35	29.07
20	24.28	24.57	24.39	25.34	26.97	29.11	29.47	29.21	29.16	29.17	29.12	28.92
25	24.50	24.06	24.64	25.65	27.32	29.28	29.30	28.51	29.10	28.94	29.35	28.81
Eom	24.65	24.04	24.55	25.79	27.28	29.20	29.85	29.38	29.34	29.36	29.11	28.69

1962

5	28.30	28.10	.....	27.41	.....	30.83	30.03	31.55	31.80	31.21	31.07	29.65
10	28.30	28.20	28.08	27.59	29.66	30.78	30.33	31.56	31.55	31.19	30.97	30.10
15	28.43	28.27	27.98	27.94	29.98	30.49	30.44	31.69	31.40	31.16	30.82	30.45
20	28.40	28.25	27.47	28.12	30.11	30.31	30.62	31.88	31.53	31.17	30.67	30.65
25	28.42	28.14	27.31	28.37	30.52	30.04	31.05	31.64	31.31	31.37	30.37	30.41
Eom	28.31	28.03	27.43	28.43	30.77	29.76	31.36	31.68	31.33	30.94	29.70	29.99

1963

5	29.62	29.12	29.12	30.10	30.80	31.54	31.62	31.90	32.74	32.65	32.57	31.20
10	29.27	29.04	29.16	30.00	31.10	31.70	31.44	32.05	32.70	32.84	32.27	31.34
15	29.48	29.50	29.20	30.15	31.24	32.15	31.46	32.16	32.85	32.68	32.14	31.38
20	29.24	29.25	29.20	30.48	31.44	31.92	31.48	32.26	32.65	32.63	31.97	31.00
25	29.65	29.10	29.45	30.68	31.20	31.74	31.64	32.58	32.52	32.40	32.64	30.98
Eom	29.64	29.14	29.90	30.82	31.38	31.74	31.80	32.62	32.86	32.58	31.67	30.32

321118N0811137.1. Local number 131. C. E. Oliver. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth about 300 ft, cased to 40. Lsd 12.8 ft above msl. MP top of 3-in cross, 1.50 ft above lsd. Highest water level 1.28 below lsd, Oct. 26, 1939; lowest 36.70 below lsd, Oct. 28, 1963. Records available: 1938-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1959	25.41	Feb. 5, 1960	27.48	Mar. 8, 1961	27.50	Oct. 22, 1962	32.80
Feb. 26	25.13	Mar. 4	27.73	Apr. 13	29.40	Nov. 28	32.60
Mar. 30	25.28	Apr. 1	27.80	July 5	31.98	Jan. 29, 1963	32.90
Apr. 29	25.31	May 2	28.95	Aug. 7	32.39	Feb. 17	33.20
May 29	27.50	June 21	30.50	Oct. 26	32.15	Apr. 10	33.50
June 29	27.89	July 6	30.83	Dec. 12	32.50	June 25	35.20
July 30	28.68	Aug. 5	30.30	Mar. 29, 1962	30.60	July 22	33.80
Sept. 1	28.18	Sept. 6	30.82	Apr. 20	31.00	Aug. 26	35.90
Oct. 28	28.47	Oct. 5	30.30	June 19	33.20	Sept. 23	36.30
Dec. 14	28.40	Dec. 5	29.68	Aug. 20	32.90	Oct. 28	36.70
Jan. 8, 1960	27.14	Jan. 6, 1961	27.65	Sept. 26	32.60	Dec. 3	36.00

321034N0810928.1. Local number 194. Mrs. W. W. Keller, Sr. Drakies Point. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 350 ft, cased to 60. Lsd 12.3 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 9.91 below lsd, Oct. 18, 1939; lowest 55.20 below lsd, Dec. 3, 1963. Records available: 1937-63.

321034N0810928.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1959	41.90	May 2, 1960	45.80	Mar. 9, 1961	43.80	June 19, 1962	52.30
Feb. 26	39.65	June 21	48.42	Apr. 13	47.00	Aug. 20	51.50
Mar. 30	40.62	July 6	48.50	July 5	50.00	Sept. 26	51.60
Apr. 29	41.97	Aug. 5	48.30	Aug. 7	50.80	Nov. 28	51.05
June 29	44.67	Sept. 6	48.20	Oct. 26	50.50	Apr. 10, 1963	51.95
July 30	44.45	Oct. 5	47.87	Dec. 12	50.40	July 22	52.10
Sept. 1	45.50	Dec. 5	46.75	Mar. 29, 1962	49.20	Dec. 3	55.20
Apr. 1, 1960	44.75	Jan. 6, 1961	44.54				

315948N0811536.1. Local number 213. J. L. Budreau. Burroughs Rd. and U. S. Highway 17. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 420 ft, cased to 120. Lsd 15.55 ft above msl. MP top of 3-in cross, 0.95 ft above lsd. Highest water level 2.46 above lsd, Nov. 27, 1940; lowest 24.55 below lsd, Sept. 23, Oct. 28, 1963.

Records available: 1939-63.

Feb. 20, 1959	13.93	May 5, 1960	17.05	Aug. 29, 1961	20.25	Nov. 20, 1962	21.55
Mar. 19	19.98	June 13	17.91	Sept. 28	20.20	Dec. 10	21.30
Apr. 16	14.10	July 7	18.52	Oct. 26	20.20	Jan. 21, 1963	20.65
May 16	15.10	Aug. 8	18.28	Nov. 27	20.45	Feb. 19	20.65
June 19	15.59	Sept. 9	18.70	Dec. 14	20.60	Apr. 15	21.95
July 22	16.15	Oct. 10	18.39	Jan. 25, 1962	18.80	May 27	22.95
Aug. 20	16.57	Dec. 8	17.79	Mar. 20	19.05	June 25	23.45
Sept. 22	16.34	Jan. 9, 1961	17.27	Apr. 20	19.30	July 22	22.85
Oct. 19	16.38	Feb. 9	17.20	May 25	20.95	Aug. 26	24.05
Nov. 19	16.25	Mar. 13	16.90	June 25	21.25	Sept. 23	24.55
Jan. 8, 1960	15.82	Apr. 13	17.20	July 26	21.30	Oct. 28	24.55
Feb. 8	15.81	May 24	18.60	Aug. 21	21.65	Nov. 20	24.45
Mar. 9	16.17	June 28	19.58	Oct. 25	21.95	Dec. 6	23.95
Apr. 8	16.26	July 19	19.80				

315826N0810302.1. Local number 269. J. M. Barnett. Isle of Hope. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 521 ft, cased to 160. Lsd 9.8 ft above msl. MP hole in pumpbase, 1.50 ft above lsd. Highest water level 9.51 below lsd, Mar. 8, 1939; lowest 46.6 below lsd, Sept. 18, 1963. Records available: 1937-63.

Jan. 12, 1959	32.95	Feb. 18, 1960	35.05	Apr. 14, 1961	36.15	Sept. 10, 1962	43.90
Mar. 13	31.59	Mar. 18	33.68	July	39.95	Oct. 19	44.55
Apr. 13	31.60	Apr. 19	36.35	Aug. 29	40.65	Dec. 12	42.30
May 14	33.80	July 19	37.60	Sept. 25	40.85	Jan. 16, 1963	41.50
June 24	35.54	Sept. 20	37.50	Oct. 24	42.20	Feb. 18	41.05
July 31	35.90	Nov. 29	37.00	Dec. 13	39.55	Apr. 10	43.20
Oct. 28	35.45	Jan. 24, 1961	34.65	Mar. 29, 1962	38.10	Aug. 20	46.20
Dec. 3	33.77	Feb. 13	36.50	Apr. 23	41.00	Sept. 18	46.60
Jan. 18, 1960	33.54	Mar. 16	36.30	June 19	43.10	Dec. 5	43.50

321600N0810100.1. Local number 279. J. B. Pound Hotel Corp. General Oglethorpe Hotel, Wilmington Island. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 12 in, depth 480 ft, cased to 160. Lsd 15.1 ft above msl. MP hole in pumpbase, 3.00 ft below lsd. Highest water level 15.89 below lsd, Jan. 18, 1941; lowest 48.60 below lsd, Sept. 18, 1963. Records available: 1939-63.

Feb. 2, 1959	36.30	Mar. 14, 1960	37.15	Mar. 13, 1961	38.90	Dec. 12, 1962	45.00
Mar. 2	34.65	Apr. 18	39.35	Apr. 14	40.45	Jan. 16, 1963	45.50
Apr. 2	34.88	May 6	37.35	July 19	45.00	Feb. 27	43.20
May 1	39.75	June 8	42.95	Sept. 25	44.40	Mar. 22	44.70
June 1	40.00	July 8	42.80	Oct. 25	43.70	Apr. 10	45.00
Aug. 3	33.44	Sept. 7	40.00	Dec. 14	44.70	Aug. 6	48.30
Sept. 3	40.55	Dec. 9	39.64	Mar. 29, 1962	41.30	Sept. 18	48.60
Oct. 6	37.20	Jan. 10, 1961	37.40	Apr. 23	42.50	Oct. 21	46.40
Nov. 24	39.69	Feb. 10	37.80	Oct. 19	46.00	Dec. 5	45.80
Feb. 10, 1960	38.05						

320723N0810745.1. Local number 314. J. M. Breckenridge. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 10 in, depth 601 ft, cased to 255. Lsd 20.5 ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 23.0 below lsd, Jan. 29, 1940; lowest 72.90 below lsd, Sept. 18, 1963. Records available: 1940-63.

Jan. 12, 1959	51.40	Aug. 26, 1959	55.90	Mar. 18, 1960	55.33	Sept. 20, 1960	60.33
Mar. 13	50.21	Sept. 28	54.90	Apr. 19	57.86	Oct. 18	58.70
Apr. 13	51.33	Oct. 28	54.90	May 20	60.17	Nov. 29	55.88
May 14	54.40	Dec. 3	54.22	June 20	60.10	Jan. 24, 1961	57.63
June 24	55.78	Jan. 18, 1960	52.90	July 19	58.87	Feb. 13	59.40
July 31	55.65	Feb. 18	55.50	Aug. 16	62.65	Mar. 16	58.62

320723N0810745. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 14, 1961	56.49	Dec. 13, 1961	63.50	Oct. 19, 1962	67.45	Apr. 10, 1963	68.50
July 19	64.55	Mar. 29, 1962	60.70	Dec. 12	62.70	Aug. 20	72.70
Aug. 29	65.00	Apr. 23	63.00	Jan. 16, 1963	61.70	Sept. 18	72.90
Sept. 25	63.90	June 18	67.40	Feb. 18	64.00	Dec. 5	65.30
Oct. 24	63.45	Sept. 10	66.80				

320124N0805057. 1. Local number 328. Town of Savannah Beach. Formerly U. S. Army. Fort Screven, Tybee Island. Drilled unused artesian well in undifferentiated formations of Oligocene age (previously reported Hawthorn Formation), diam 3 in, depth 139 ft. Lsd 9.85 ft above msl. MP top of 3-in nipple, 0.40 ft above lsd. Highest water level 6.30 below lsd, Dec. 13, 1940; lowest 24.35 below lsd, Aug. 25, 1963. Records available: 1940-63. Recorder installed Aug. 4, 1959. Feb. 2, 1959, 17.55; Mar. 2, 17.88; Apr. 2, 17.15; May 1, 17.74; June 1, 19.80; July 1, 20.85; Aug. 3, 19.40.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.85	.....	16.80	16.70
10	19.15	18.95	19.40	19.55
15	21.73	20.10	19.35	18.35	19.55
20	19.25	18.05	17.23	17.25	17.85
25	20.35	19.05	19.05	19.35	17.70
Eom	20.95	.....	18.35	19.85	20.05

1960

5	.....	16.95	19.35	18.60	18.45	21.35	22.35	.....	.....	.....	.....	19.35
10	.....	19.10	17.65	20.40	20.35	19.65	19.35	19.15	19.15	.....	19.25	18.75
15	18.20	17.15	17.45	17.95	18.45	20.65	20.10	21.35	20.85	.....	21.15	20.85
20	17.35	19.95	18.05	19.85	21.20	21.85	.....	21.75	20.65	.....	19.35	19.25
25	19.45	16.15	20.20	19.85	20.35	20.83	.....	19.15	17.85	.....	18.95	19.45
Eom	17.85	18.65	19.05	18.75	19.70	20.25	.....	.....	20.45	.....	21.25	21.60

1961

5	19.90	19.44	19.07	19.24	19.85	20.91	22.17	22.97	21.72	21.37	21.34	21.68
10	19.68	19.28	19.24	19.48	19.87	21.25	21.64	22.62	21.52	21.51	21.22	21.63
15	19.30	19.44	19.26	19.22	20.00	21.44	22.12	22.05	21.86	21.46	21.51	21.33
20	19.56	19.33	19.14	19.32	20.30	21.29	21.61	21.62	21.27	21.91	21.37	21.06
25	19.40	19.45	19.09	19.89	20.42	21.97	21.92	21.85	21.76	21.07	21.15	21.39
Eom	19.45	19.22	19.04	19.83	20.55	21.49	22.55	21.84	21.22	21.63	21.27	21.44

1962

5	21.73	20.69	20.40	20.73	21.46	21.99	21.76	22.58	22.87	22.13	22.51	21.55
10	21.34	20.70	20.14	20.91	21.37	.....	22.07	22.38	22.63	22.40	22.87	22.40
15	21.43	20.63	20.40	21.05	22.07	.....	22.95	22.85	22.30	22.40	22.37	22.43
20	21.30	21.12	20.65	20.97	21.82	22.40	22.64	23.10	22.55	21.98	22.05	22.10
25	21.37	20.81	20.34	21.01	22.49	22.14	22.63	22.48	22.13	21.99	22.45	21.80
Eom	21.07	20.81	20.71	21.42	22.50	22.18	23.03	22.63	22.28	22.07	21.37	21.78

1963

5	21.83	21.10	21.55	22.70	22.80	23.05	23.25	23.65	23.85	23.05	23.37	23.00
10	21.70	21.35	21.60	21.60	.....	23.10	22.90	23.50	23.80	22.95	23.15	23.30
15	21.75	21.90	21.35	21.80	.....	23.50	23.35	23.25	23.35	23.25	23.37	23.00
20	21.50	.....	21.50	22.65	.....	23.15	23.45	23.65	23.10	23.15	23.37	23.30
25	22.00	21.75	21.70	22.60	22.40	23.00	23.40	24.35	22.55	22.50	23.37	23.20
Eom	21.75	21.70	21.85	22.55	22.40	23.20	23.35	24.00	23.05	23.15	23.73	22.85

320137N0811323. 1. Local number 330. State Highway Dept. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 3 to 2 in, depth 540 ft, cased to 400. Lsd 10.02 ft above msl. MP top of 3-in casing, 2.54 ft above lsd. Highest water level 1.81 below lsd, Aug. 11, 1941; lowest 29.55 below lsd, Sept. 23, Oct. 28, 1963. Records available: 1941-47, 1949-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 20, 1959	16.74	Apr. 8, 1960	20.06	Aug. 29, 1961	24.90	Nov. 20, 1962	25.85
Mar. 19	16.86	May 5	21.61	Sept. 28	24.55	Dec. 10	25.35
Apr. 16	17.32	June 13	22.02	Oct. 26	24.45	Jan. 21, 1963	24.65
May 15	18.73	July 7	22.76	Nov. 27	24.80	Apr. 15	26.55
June 19	19.41	Aug. 8	22.41	Dec. 14	24.80	May 27	27.65
July 22	19.52	Sept. 9	22.61	Jan. 25, 1962	23.85	June 25	28.25
Aug. 20	19.66	Oct. 10	22.49	Mar. 29	23.15	July 22	27.35
Sept. 22	19.76	Dec. 8	21.61	Apr. 20	23.40	Aug. 26	29.15
Oct. 19	20.14	Feb. 9, 1961	21.00	May 25	25.65	Sept. 23	29.55
Nov. 19	19.85	Mar. 13	20.55	June 25	25.95	Oct. 28	29.55
Jan. 8, 1960	18.86	May 24	23.05	July 26	25.85	Nov. 20	29.05
Feb. 8	19.55	June 21	24.10	Sept. 28	26.04	Dec. 6	28.25
Mar. 9	19.91	July 19	24.15	Oct. 25	26.45		

315950N0811612.1. Local number 343. U. S. Dept. of Agriculture. Burbour Lathrop Plant Introduction Station. Drilled observation water-table well in sediments of Pleistocene and Recent age, diam 6 in, depth 15 ft, cased to 15 with tile. Lsd 18.67 ft above msl. MP iron bracket on recorder shelter, 3.30 ft above lsd. Highest water level 0.05 below lsd, Sept. 26, 1953; lowest 10.92 below lsd, Mar. 5, 1957. Records available: 1942-63.

Water level at noon, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.78	8.25	4.77	2.78	4.61	2.71	5.45	5.18	6.51	4.10	2.98	4.08
10	10.66	5.34	3.08	3.30	5.10	3.42	5.91	5.42	6.79	4.21	2.85	4.33
15	10.58	5.24	3.18	3.51	5.43	3.99	3.69	5.36	4.76	4.32	3.30	4.02
20	10.50	5.74	2.83	3.48	3.78	4.48	3.96	5.01	4.88	4.11	3.63	4.11
25	10.39	6.00	2.41	3.97	3.29	4.83	4.26	5.69	5.30	3.10	3.44	4.37
Eom	10.29	5.45	2.21	4.24	3.23	5.32	4.82	6.13	3.75	2.51	3.85	4.58
1960												
5	4.66	4.57	2.88	1.95	3.97	4.42	6.43	4.37	6.45	4.27	6.53	7.88
10	4.37	3.90	3.24	2.95	4.06	4.04	4.78	4.96	6.36	4.47	6.85	8.07
15	4.56	3.59	3.40	3.38	4.46	4.73	5.01	5.51	4.64	4.54	7.07	8.15
20	4.74	4.12	3.35	3.81	4.86	5.06	3.74	5.96	4.95	5.33	7.30	8.26
25	4.93	2.88	3.67	3.70	5.15	....	4.40	6.46	5.43	5.72	7.49	8.29
Eom	4.19	2.63	3.67	4.09	4.95	5.90	4.17	6.63	4.20	6.15	7.70	8.26
1961												
5	8.30	7.33	4.49	3.69	3.56	5.32	6.39	4.70	3.76	5.41	7.85	9.00
10	8.51	6.26	4.67	2.94	3.90	5.80	6.70	5.04	3.92	5.75	8.09	9.16
15	8.35	6.00	4.94	2.30	4.21	6.24	6.12	5.32	4.23	6.16	8.39	9.16
20	8.22	5.99	4.61	....	4.68	6.65	5.10	4.98	4.67	6.59	8.63	8.76
25	8.18	4.80	3.43	2.68	4.69	7.05	3.27	4.08	5.11	7.14	8.80	....
Eom	7.53	4.65	3.90	3.11	4.89	5.79	4.18	3.19	5.13	7.44	8.92	....
1962												
5	8.40	5.26	5.01	3.71	5.44	7.29	3.65	2.60	2.92	3.72	5.91	7.05
10	7.07	5.58	....	3.85	5.85	5.90	4.20	1.71	2.71	4.16	6.09	7.12
15	7.70	5.86	3.95	4.20	6.00	2.14	3.51	2.97	....	4.56	6.20	7.29
20	6.83	5.30	3.73	4.58	6.25	3.15	4.15	2.35	3.22	4.89	6.45	7.48
25	6.79	4.82	3.84	4.94	6.72	2.85	4.63	2.48	3.30	5.20	6.63	7.65
Eom	5.18	4.92	4.20	5.14	7.12	3.00	3.20	1.46	3.20	5.58	6.84	7.46
1963												
5	7.31	4.47	3.20	4.75	5.12	6.04	1.94	3.25	4.29	5.16	7.63	8.49
10	7.23	....	3.44	3.51	5.45	6.46	3.37	....	4.69	5.71	7.73	8.66
15	6.25	3.43	3.71	3.28	5.61	6.92	3.55	4.23	....	....	7.98	8.41
20	5.61	....	3.89	....	5.96	7.16	3.82	3.41	5.14	6.50	8.12	8.05
25	4.32	....	4.16	4.46	5.70	4.32	3.47	....	4.78	6.87	8.31	8.02
Eom	4.51	3.09	4.47	4.81	5.70	....	3.86	3.72	5.04	7.34	8.42	8.19

Chattahoochee County

322036N0845903.1. Local number 9. U. S. Army. Fort Benning. Drilled unused artesian well in Blufftown and Eutaw Formations of Selma Group and Tuscaloosa Group of Late Cretaceous age, diam 12 in, depth 568 ft, screened 215-220, 230-235, 280-290, 540-550. Lsd 255 ft above msl. MP floor of recorder shelter, 1.90 ft above lsd. Highest water level 0.30 below lsd, Apr. 14, 1962; lowest 29.73 below lsd, Sept. 10, 1958. Records available: 1950-63.

Water level at noon, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.87	8.02	6.98	6.06	5.75	4.57	4.76	4.53	4.33	....	3.44	3.47
10	9.57	7.74	6.79	6.00	5.71	4.67	4.76	4.43	4.29	....	3.48	3.53
15	9.12	7.50	6.60	5.95	5.46	4.78	4.70	4.45	3.96	....	3.46	3.42
20	8.91	7.47	6.53	5.84	5.40	4.83	4.65	4.44	....	....	3.41	3.34
25	8.62	7.35	6.34	5.86	5.28	4.79	4.61	4.35	....	3.48	3.60	3.98
Eom	8.45	7.24	6.15	5.76	5.00	4.77	4.61	4.29	....	3.48	3.62	4.08
1960												
5	4.08	4.79	4.82	5.82	....	3.74	3.77	3.76	3.70	3.78	3.62	3.56
10	4.24	4.85	4.93	5.40	....	3.68	3.81	3.83	3.75	3.69	3.60	3.65
15	4.28	4.72	5.00	5.25	....	3.69	3.83	3.84	3.61	3.73	3.59	3.73
20	4.39	4.67	4.97	....	3.82	3.62	3.84	3.75	3.60	3.68	3.59	3.74
25	4.38	4.98	4.92	....	3.77	3.64	3.84	3.77	3.57	3.61	3.65	3.61
Eom	4.57	4.81	5.33	....	3.75	3.65	3.84	3.72	3.85	3.67	3.64	3.88

322036N0845903. 1--Continued.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.75	2.07	0.91	0.90	1.01	1.28	1.26	1.34	1.38	1.66	1.72	1.70
10	3.69	2.00	1.12	1.09	1.01	1.28	1.32	1.33	1.42	1.69	1.67	1.63
15	3.82	2.11	1.25	.82	1.05	1.34	1.12	1.36	1.41	1.71	1.70	.76
20	3.88	1.70	1.28	1.05	1.15	1.22	1.14	1.41	1.43	1.64	1.79	.85
25	....	....	1.35	1.09	1.17	1.15	1.20	1.31	1.53	1.71	1.74	1.10
Eom	2.02	....	1.09	1.00	1.19	1.16	1.35	1.30	1.59	1.71	1.72	1.96

1962

5	1.16	....	....	0.78	0.90	1.14	1.35	1.53	1.64	1.62	1.84	1.61
10	....	1.22	0.96	.75	.98	1.22	1.32	1.53	1.70	1.73	1.69	1.76
15	....	1.08	.64	.31	1.16	1.15	1.35	1.51	1.60	1.82	1.67	1.13
20	....	1.08	.83	.72	1.13	1.21	1.42	1.59	1.63	1.82	1.70	1.72
25	....	....	.82	.83	1.20	1.27	1.51	1.53	1.71	1.82	1.79	1.70
Eom	....	....	.80	.78	1.25	1.33	1.50	1.63	1.71	1.71	1.77	....

1963

5	....	1.19	1.15	1.13	0.96	1.29	....	1.33	1.38	1.48	1.53	1.41
10	1.59	1.17	1.00	1.10	1.12	....	....	1.39	1.46	1.48	1.52	1.40
15	1.51	1.16	.91	1.23	1.17	....	....	1.29	1.55	1.52	1.66	1.25
20	1.14	1.12	.92	1.26	1.32	....	1.26	1.31	1.52	1.51	1.65	1.28
25	1.10	1.16	1.01	1.28	1.37	....	1.25	1.30	1.61	1.54	1.63	1.31
Eom	1.21	1.24	1.06	1.30	1.21	....	1.24	1.35	1.42	1.60	1.42	1.30

Clayton County

333558N0842238.1. Local number 27. G. T. Humphrey. Drilled domestic water-table well in granite, diam 6 in, depth 200 ft, cased to 200. Lsd 932 ft above msl. MP top of 5-in casing, 0.40 ft above lsd. Highest water level 28.3 below lsd, July 31, 1963; lowest 55.17 below lsd, Dec. 23, 1948. Records available: 1943-54, 1956-63. May 22, 1959, 32.24; Sept. 17, 31.87; Oct. 3, 1960, 37.62; Oct. 4, 1961, 36.85; Oct. 30, 1962, 38.68; July 31, 1963 28.30.

Cobb County

355037N0842915.1. Local number 11. Mrs. J. H. Carmichael. Oakdale. Drilled unused water-table well in schist, diam 6 in, depth 112 ft. Lsd 900 ft above msl. MP top of casing, 1.10 ft below lsd. Highest water level 21.66 below lsd, May 27, 1953; lowest 33.47 below lsd, Dec. 22, 1947. Records available: 1943-54, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 21, 1959	24.42	May 13, 1960	23.30	May 8, 1961	23.62	Oct. 30, 1962	24.60
Sept. 17	24.62	Oct. 26	24.65	Oct. 4	24.08	July 31, 1963	22.88

335227N0843019.1. Local number 14. J. A. Rust. Smyrna. Drilled industria' water-table well in injection complex, diam 6 in, depth 117 ft, cased to 40. Lsd 1,020 ft above msl. MP top of casing, at lsd. Highest water level 34.75 below lsd, May 13, 1960; lowest 47.95 below lsd, Apr. 10, 1947. Records available: 1943-54, 1956-61. Measurement discontinued. May 21, 1959, 42.18; Sept. 17, 41.39; May 13, 1960, 34.75; Oct. 26, 43.04; May 8, 1961, 38.40; Oct. 4, 40.29.

333517N0842855.1. Local number 21. J. B. Gaines. Oakdale. Drilled domestic water-table well in gneiss, diam 6 in, depth 85 ft, cased to 40. Lsd 858 ft above msl. MP top of casing, 0.90 ft above lsd. Highest water level 29.70 below lsd, Aug. 4, 1949; lowest 36.60 below lsd, Dec. 10, 1956. Records available: 1943-54, 1956-63. May 21, 1959, 32.49; Sept. 17, 32.87; May 13, 1960, 31.86; May 8, 1961, 32.17; Oct. 4, 31.77; Oct. 30, 1962, 32.27; July 31, 1963, 31.10.

335038N0842953.1. Local number 71. D. W. Cook. Oakdale. Drilled domestic water-table well in gneiss, diam 6 in, depth 109 ft, cased to 40. Lsd 975 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 52.13 below lsd, Aug. 4, 1949; lowest 59.14 below lsd, May 14, 1958. Records available: 1943-54, 1956-63.

May 21, 1959	54.19	May 13, 1960	52.40	May 8, 1961	52.57	Oct. 30, 1962	54.41
Sept. 17	54.70	Oct. 26	53.49	Oct. 4	53.73	July 31, 1963	52.33

335848N0843352.1. Local number 85. F. J. Mulkey. Drilled unused water-table well in diorite gneiss, diam 6 in, depth 51 ft. Lsd 1,100 ft above msl. MP top of 6½-in coupling, 0.30 ft above lsd. Highest water level 11.38 below lsd, Feb. 28, 1946; lowest 47.42 below lsd, Aug. 25, 1948. Records available: 1943-51, 1953-54, 1956-63. May 21, 1959, 19.85; Oct. 26, 1960, 20.98; Oct. 4, 1961, 20.16; Oct. 30, 1962, 21.35; July 31, 1963, 18.75.

De Kalb County

334106N0842058.1. Local number 17. Mrs. J. H. Anderson. Drilled unused water-table well in gneiss, diam 6 in, depth 250 ft. Lsd 862 ft above msl. MP top of casing, 5.50 ft below lsd. Highest water level 25.88 below lsd, June 28, 1943; lowest 43.23 below lsd, July 6, 1956. Records available: 1943-54, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 22, 1959	33.61	May 11, 1960	32.04	May 8, 1961	33.80	Oct. 30, 1962	33.02
Sept. 17	36.79	Oct. 24	32.82	Oct. 4	33.66	July 30, 1963	31.91

334444N0841541.1. Local number 29. Mrs. A. H. Daniel. Glenwood Rd. and Columbia Dr., Decatur. Drilled unused water-table well in gneiss, diam 6 in, depth 111 ft. Lsd 877 ft above msl. MP edge of concrete cover, 1.00 ft above lsd. Highest water level 36.43 below lsd, May 15, 1958; lowest 40.69 below lsd, Dec. 7, 1951. Records available: 1944-54, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 22, 1959	38.46	May 1, 1960	36.70	May 8, 1961	37.18	Oct. 30, 1962	38.38
Sept. 17	38.10	Oct. 24	38.53	Oct. 4	37.50	July 30, 1963	36.85

334216N0841633.1. Local number 34. I. W. Williams. Candler and Flat Shoals Rds., Panthersville. Drilled unused water-table well in gneiss, diam 5 in, depth 72 ft. Lsd 877 ft above msl. MP top of casing, 1.90 ft above lsd. Highest water level 43.04 below lsd, Aug. 4, 1949; lowest 51.24 below lsd, Dec. 21, 1954. Records available: 1944-54, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 22, 1959	49.04	May 11, 1960	45.50	May 8, 1961	48.60	Oct. 30, 1962	47.85
Sept. 17	49.45	Oct. 24	48.46	Oct. 4	49.19	July 30, 1963	46.54

334458N0841520.1. Local number 39. C. R. Donaldson. Decatur. Drilled unused water-table well in gneiss, diam 6 in, depth 82 ft. Lsd 986 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 34.39 below lsd, Feb. 26, 1946; lowest 41.46 below lsd, Dec. 21, 1954. Records available: 1944-54, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 22, 1959	38.89	May 11, 1960	35.29	May 8, 1961	37.63	Oct. 30, 1962	39.61
Sept. 17	39.36	Oct. 24	39.38	Oct. 4	38.55	July 30, 1963	36.74

334411N0841608.1. Local number 40. Allen McCain. Glenwood and Candler Rds., Decatur. Drilled domestic water-table well in granite, diam 8 in, depth 281 ft, cased to 35. Lsd 923 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 1.71 below lsd, Dec. 15, 1953; lowest 15.15 below lsd, Aug. 4, 1949. Records available: 1944-54, 1956-63. May 22, 1959, 2.38; Sept. 17, 2.08; May 11, 1960, 2.23; Oct. 24, 2.34; Oct. 4, 1961, 2.35; Oct. 30, 1962, 2.05; July 30, 1963, 1.75.

Effingham County

320836N0812244.1. Local number 7. Central of Georgia Ry. Meldrim. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 431 ft, cased to 273. Lsd 31.75 ft above msl. MP hole in recorder shelter, 2.48 ft above lsd. Highest water level 5.21 above lsd, Apr. 5, 1939; lowest 18.32 below lsd, Nov. 15, 1963. Records available: 1939-44, 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.19	10.14	10.23	10.55	10.90	11.40	11.56	11.79	11.79	11.79	11.84
10	10.17	9.86	10.24	10.67	11.05	11.52	11.53	11.80	11.77	11.90	11.75
15	10.14	9.96	.....	10.74	11.12	11.57	11.76	11.65	11.70	11.85	11.94
20	10.16	10.09	.....	10.81	11.13	11.53	11.78	11.96	11.79	11.89	11.95
25	10.12	10.07	.....	10.84	11.29	11.55	11.77	11.81	11.50	11.71	11.91
Eom	10.52	.....	10.11	10.35	10.88	11.31	11.53	11.62	11.58	11.77	11.92	11.89

1960

5	12.01	11.57	12.07	.....	12.25	.....	.....	13.23	13.49	13.45	13.67	13.67
10	11.97	.....	11.93	.....	12.30	13.02	13.25	13.24	13.46	13.38	13.73	13.55
15	11.70	.....	.....	.....	12.52	13.00	13.19	13.36	13.49	13.45	13.76	13.22
20	11.75	.....	.....	.....	.....	13.14	13.19	13.41	13.42	13.44	13.70	13.51
25	12.04	.....	.....	.....	.....	.....	13.24	13.44	13.45	13.52	13.61	13.66
Eom	11.66	.....	.....	.....	.....	.....	13.10	13.51	13.36	13.39	13.59	13.32

1961

5	13.23	12.69	12.53	11.48	12.80	13.44	14.00	14.18	14.41	14.72	14.84	.....
10	13.18	12.61	12.42	12.35	12.80	13.54	13.99	14.40	14.52	14.70	.....	.....
15	12.66	12.74	12.43	12.34	12.01	13.58	14.04	14.41	14.50	14.70	.....	14.97
20	12.62	12.74	12.53	12.63	13.13	13.74	13.96	13.35	14.46	14.60	.....	14.87
25	12.90	12.39	12.56	12.59	13.20	13.94	14.05	14.46	14.49	14.81	.....	14.92
Eom	12.81	12.59	12.34	12.89	13.44	13.94	14.16	14.42	14.62	14.72	.....	14.88

320836N0812244. 1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.77	14.36	14.15	14.42	14.58	15.16	15.35	15.44	15.56	15.68	15.96	15.76
10	14.73	14.46	14.22	14.28	14.68	15.29	15.38	15.37	15.64	15.79	15.91	16.00
15	14.40	14.45	14.24	14.22	14.40	15.15	15.37	15.56	15.61	15.88	15.90	16.00
20	14.65	14.55	14.12	14.28	14.78	15.23	15.42	15.64	15.60	15.85	16.00	16.04
25	14.67	14.56	14.14	14.43	14.93	15.28	15.38	15.56	15.68	15.98	16.14	16.14
Eom	14.00	14.40	14.19	14.44	15.13	15.33	15.34	15.58	15.76	15.75	15.96	16.12

1963

5	16.02	15.50	15.54	16.04	16.29	16.62	16.96	16.92	17.50	17.98	17.90	.....
10	15.78	15.62	15.76	15.84	16.44	16.62	16.88	16.94	17.64	17.98	17.96	18.07
15	15.94	15.72	15.82	16.08	16.48	16.76	17.02	17.04	.....	18.04	18.32	18.06
20	15.48	15.60	15.67	16.10	16.60	16.90	16.86	17.22	.....	17.96	.....	17.98
25	15.80	15.68	16.02	16.26	16.70	16.86	17.00	17.22	17.90	17.98	.....	17.90
Eom	15.64	15.76	16.10	16.23	16.54	16.88	16.88	17.42	17.56	18.20	.....	17.70

Evans County

320936N0815434. 1. Local number 3. City of Claxton. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 6 in, reported depth 620 ft. Lsd 182 ft above msl. MP 1-in tap hole in 4-in eductor pipe, 3.40 ft above lsd. Highest water level 110.26 below lsd, Aug. 4, 1948; lowest 126.60 below lsd, May 14, 1963. Records available: 1939-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 25, 1959	122.23	Oct. 19, 1960	123.56	Oct. 17, 1961	125.60	Oct. 8, 1962	125.60
Oct. 12	122.55	May 19, 1961	123.92	May 14, 1962	125.40	May 14, 1963	126.60
May 9, 1960	123.95						

Fulton County

334016N0842628. 1. Local number 21. City of East Point. Drilled unused water-table well in biotite gneiss, diam 8 in, depth 500 ft, cased to 106. Lsd 1,033 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 19.92 below lsd, July 31, 1963; lowest 23.72 below lsd, Dec. 21, 1954. Records available: 1946, 1952-54, 1956-63.

May 22, 1959	22.59	May 11, 1960	22.49	May 5, 1961	20.60	Oct. 30, 1962	21.05
Sept. 17	23.00	Oct. 24	22.34	Oct. 4	21.79	July 31, 1963	19.92

334038N0842620. 1. Local number 26. O'Neill Bros. East Point. Drilled unused water-table well in biotite gneiss and schist, diam 10 in, depth 350 ft. Lsd 1,038 ft above msl. MP hole in floor of recorder shelter, 2.10 ft above lsd. Highest water level 12.85 below lsd, Apr. 11, 1948; lowest 25.06 below lsd, Feb. 10, 1944. Records available: 1943-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.03	17.69	16.73	15.62	16.03	16.03	16.56	17.20	18.22	18.87	.....	18.03
10	18.04	17.48	16.57	15.68	16.21	.....	16.72	17.39	18.35	18.70	17.54	18.21
15	17.95	.....	.....	.....	16.32	.....	16.95	17.56	18.42	18.16	17.62	18.27
20	17.94	16.90	16.12	.....	16.45	.....	16.68	17.69	18.50	.....	17.76	18.22
25	17.71	16.82	16.17	.....	16.60	16.26	16.84	17.83	18.60	17.44	17.85	18.30
Eom	17.93	16.80	15.71	15.81	15.98	16.41	17.04	18.04	18.64	17.47	17.99	18.22

1960

5	.....	.....	14.89	13.90	14.76	15.85	16.93	17.89	18.30	18.55	19.11	19.68
10	.....	.....	14.73	.....	14.77	16.12	17.01	17.98	18.39	18.63	19.24	19.76
15	.....	.....	14.53	.....	15.04	16.25	17.19	17.90	18.60	18.77	19.28	19.74
20	.....	.....	14.53	.....	15.25	16.45	17.36	17.99	18.67	18.85	19.39	18.85
25	16.95	14.66	14.67	14.23	15.41	16.62	17.45	18.10	18.79	18.90	19.46	19.95
Eom	.....	14.98	14.50	14.55	15.66	16.78	17.71	18.20	18.43	19.00	19.58	19.96

1961

5	20.02	20.34	.....	16.23	15.86	16.43	.....	15.99	16.75	17.47	18.55	20.24
10	20.16	20.22	.....	16.26	15.89	16.51	.....	16.09	.....	17.61	18.69	20.16
15	20.07	20.33	.....	.....	15.68	16.62	.....	16.29	16.81	17.79	18.84	18.03
20	20.16	19.68	16.77	.....	15.94	16.70	15.41	16.39	16.90	17.93	19.00	17.46
25	20.26	.....	16.79	15.77	15.94	15.99	15.58	16.43	17.06	18.15	19.08	17.46
Eom	20.25	17.63	16.41	15.66	16.25	.....	15.80	16.67	17.26	18.32	20.16	17.35

334038N0842620. 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.41	16.36	15.60	14.83	14.46	15.75	16.07	16.30	17.45	17.80	18.65	18.23
10	.....	16.51	15.75	14.72	14.71	15.85	15.66	16.48	17.65	17.95	18.65	18.44
15	17.27	16.53	15.12	.....	14.95	15.88	15.73	16.59	17.74	18.08	18.70	18.52
20	16.98	16.70	15.21	.....	15.12	.....	16.01	16.75	17.90	18.17	18.74	18.68
25	16.76	15.70	15.14	.....	15.36	15.99	.....	16.94	18.05	18.32	18.30	18.71
Eom	16.43	15.57	14.87	14.18	15.66	16.08	.....	17.30	17.90	18.41	18.22	18.37
1963												
5	18.40	17.10	16.53	15.16	.....	15.89	15.20	15.09	16.31	16.85	.....	17.98
10	18.46	17.07	16.32	15.73	.....	16.56	15.15	15.25	16.54	17.00	.....	18.12
15	18.33	16.84	16.09	.....	.....	16.22	15.27	15.48	16.67	17.14	.....	.....
20	17.71	16.63	15.88	.....	.....	15.76	15.13	15.67	16.75	17.25	.....	17.12
25	17.50	16.59	15.68	16.32	16.22	.....	14.95	15.89	16.97	17.41	.....	17.09
Eom	17.38	16.62	15.68	.....	15.78	15.24	14.97	16.18	16.64	17.65	18.12	17.10

334724N0842934. 1. Local number 77. E. S. Nix. Bolton. Drilled domestic water-table well in gneiss, diam 8 in, depth 84 ft, cased to 44. Lsd 844 ft above msl. MP top of casing, 4.80 ft below lsd. Highest water level 18.00 below lsd, Dec. 16, 1953; lowest 28.25 below lsd, Dec. 10, 1956. Records available: 1943-54, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 21, 1959	21.53	May 13, 1960	21.64	May 8, 1961	21.07	Oct. 30, 1962	24.32
Sept. 17	23.22	Oct. 26	24.72	Oct. 4	22.28	July 31, 1963	19.66

Glynn County

310803N0812337. 1. Local number 13. U. S. Dept. of Commerce. At lighthouse on St. Simon Island. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 to 3 to 2 in, depth 627 ft, cased to 500. Lsd 13.5 ft above msl. MP top of 4½-in tee, 2.00 ft above lsd. Highest water level 36.63 above lsd, Dec. 13, 1938; lowest 10.25 above lsd, Oct. 10, 1963. Records available: 1938, 1940-63.

May 27, 1959	+17.25	Sept. 21, 1960	+20.19	May 16, 1962	+14.20	May 16, 1963	+10.48
Oct. 14	18.06	May 18, 1961	16.80	Oct. 10	16.46	Oct. 10	10.25
May 5, 1960	19.29	Oct. 18	17.37				

311318N0812329. 1. Local number 37. U. S. Government. St. Simon Island. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 640 ft, cased to about 500. Lsd 13.88 ft above msl. MP top of 3-in cross, 1.70 ft above lsd. Highest water level 36.0 above lsd, Jan. 11, 1939; lowest 4.63 above lsd, Oct. 10, 1963. Records available: 1939, 1941-63.

May 27, 1959	+16.89	Sept. 21, 1960	+15.96	May 16, 1962	+12.19	May 16, 1963	+5.45
Oct. 14	15.66	May 18, 1961	13.60	Oct. 10	12.75	Oct. 10	4.63
May 11, 1960	16.54	Oct. 18	13.47				

311049N0812128. 1. Local number 44. Sea Island Co. Gun Club on St. Simon Island. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 640 ft, cased to about 500. Lsd 7.3 ft above msl. MP top of 3-in cross on 3-in tee, 0.80 ft above lsd. Highest water level 40.96 above lsd, Jan. 11, 1939; lowest 15.19 above lsd, May 16, 1963. Records available: 1939-63.

May 27, 1959	+23.71	Sept. 21, 1960	+25.55	May 16, 1962	+20.19	May 16, 1963	+15.19
Oct. 14	23.97	May 18, 1961	22.43	Oct. 10	22.45	Oct. 10	16.10
May 10, 1960	25.80	Oct. 18	22.55				

310906N0812847. 1. Local number 45. City of Brunswick. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 6 in, depth 630 ft, cased to 514. Lsd 6.5 ft above msl. MP top of 6-in cross, 1.60 ft above lsd. Highest water level 33.62 above lsd, Jan. 12, 1939; lowest 1.52 above lsd, Oct. 9, 1963. Records available: 1939, 1958-63.

Jan. 12, 1939	+33.62	May 27, 1959	+12.79	Oct. 21, 1960	+14.55	Oct. 9, 1962	+12.31
Jan. 25, 1958	13.70	Oct. 14	13.24	May 17, 1961	12.06	May 6, 1963	1.80
May 27	13.60	May 11, 1960	15.55	Oct. 18	12.19	Oct. 9	1.52
Oct. 14	12.20						

310901N0813414. 1. Local number 138. G. F. Cowman. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 665 ft, cased to about 500. Lsd 8 ft above msl. MP top of 3-in cross, 1.50 ft above lsd. Highest water level 36.5 above lsd, Sept. 18, 1939; lowest 7.81 above lsd, Oct. 9, 1963. Records available: 1935-63.

May 26, 1959	+18.03	Sept. 20, 1960	+19.60	May 16, 1962	+18.09	May 15, 1963	+13.23
Oct. 13	20.83	May 18, 1961	19.73	Oct. 10	18.32	Oct. 9	7.81
May 10, 1960	20.46	Oct. 18	17.88				

311040N0813038.1. Local number 192. David Liphthart. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 640 ft, cased to 540. Lsd 13.0 ft above msl. MP top of 1-in nipple, 2.00 ft above lsd. Highest water level 30.58 above lsd, Dec. 27, 1940; lowest 24.00 below lsd, Oct. 9, 1963. Records available: 1939-57, 1959-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1956	+2.80	Oct. 14, 1959	-1.06	May 17, 1961	-5.70	Oct. 10, 1962	-3.40
June 21, 1957	+2.24	May 10, 1960	- .78	Oct. 18	5.55	May 15, 1963	22.10
May 27, 1959	-3.83	Oct. 21	+ .62	May 16, 1962	4.10	Oct. 9	24.00

311127N0813023.1. Local number 208A. S. O. Jenkins. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 680 ft, cased to 500+. Lsd 20 ft above msl. MP top of 3-in tee, 0.40 ft above lsd. Highest water level 3.65 above lsd, Oct. 21, 1960; lowest 13.50 below lsd, Oct. 9, 1963. Records available: 1958-63.

Feb. 4, 1958	+2.50	May 10, 1960	+3.40	Oct. 18, 1961	+0.90	May 15, 1963	-11.20
May 27, 1959	1.05	Oct. 21	+3.65	May 16, 1962	- .20	Oct. 9	13.50
Oct. 14	3.13	May 17, 1961	-1.75	Oct. 10	.10		

310658N0812501.1. Local number Jekyll 3. State of Georgia. Drilled public-supply artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 774 ft, cased to 500. Lsd 7 ft above msl. MP center of gate valve, 2.30 ft above lsd. Highest water level 34.45 above lsd, May 11, 1960; lowest 24.34 above lsd, May 16, 1963. Records available: 1957-63.

Sept. 5, 1957	+26.00	May 27, 1959	+32.64	May 18, 1961	+32.85	Oct. 9, 1962	+31.06
Feb. 6, 1958	33.60	Oct. 13	33.65	Oct. 18	31.85	May 16, 1963	24.34
May 27	32.30	May 11, 1960	34.45	May 15, 1962	30.38	Oct. 9	25.80
Oct. 16	33.30	Oct. 20	33.88				

310206N0812417.1. Local number Jekyll 5. State of Georgia. Drilled public-supply artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 774 ft, cased to 52". Lsd 8 ft above msl. MP center of gate valve, 2.00 ft above lsd. Highest water level 31.49 above lsd, May 11, 1960; lowest 23.47 above lsd, May 16, 1963. Records available: 1957-63.

Oct. 21, 1957	+31.30	Oct. 14, 1959	+30.78	May 18, 1961	+28.67	Oct. 9, 1962	+26.20
Feb. 6, 1958	31.20	May 11, 1960	31.49	Oct. 18	27.65	May 16, 1963	23.47
May 27	29.90	Oct. 20	30.48	May 15, 1962	25.84	Oct. 9	26.75
May 27, 1959	31.26						

Liberty County

314052N0812412.1. Local number 75. Mrs. E. P. Way. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 500 ft, cased to 187. Lsd 26 ft above msl. MP top of 3-in cross, 1.90 ft above lsd. Highest water level 25.48 above lsd, Feb. 9, 1939; lowest 4.85 above lsd, Oct. 10, 1963. Records available: 1939, 1941-63.

Jan. 24, 1959	+10.7	Sept. 21, 1960	+9.50	Oct. 19, 1961	+8.04	Apr. 18, 1963	+6.20
May 28	10.55	Dec. 1	9.01	May 16, 1962	7.50	May 16	6.90
Oct. 15	10.13	May 17, 1961	8.44	Oct. 10	6.90	Oct. 10	4.85
May 11, 1960	10.63						

315059N0813525.1. Local number 137. Mrs. H. A. Bacon. Formerly H. A. Bacon. Hinesville. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 2 in, depth 527 ft, cased to 400. Lsd 47 ft above msl. MP top of 2-in tee, 0.90 ft above lsd. Highest water level 3.40 above lsd, Apr. 26, 1939; lowest 19.30 below lsd, Oct. 11, 1963. Records available: 1939-63.

Jan. 20, 1959	11.57	May 11, 1960	14.00	May 17, 1961	15.00	Apr. 18, 1963	17.70
May 25	13.60	Sept. 11	14.95	Oct. 19	16.00	Oct. 11	19.30
Oct. 15	13.79	Nov. 30	14.94	Oct. 10, 1962	17.30		

314945N0812555.1. Local number 150A. C. H. Blunt. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 640 ft, cased to 496. Lsd 15 ft above msl. MP top of 3-in tee, 1.40 ft above lsd. Highest water level 13.80 above lsd, Jan. 21, 1959; lowest 6.74 above lsd, Oct. 11, 1963. Records available: 1959-63.

Jan. 21, 1959	+13.80	Oct. 21, 1960	+11.12	Oct. 19, 1961	+10.10	Apr. 18, 1963	+8.52
May 25	13.20	Nov. 30	11.12	May 16, 1962	9.76	May 16	7.60
Oct. 15	12.81	May 17, 1961	11.23	Oct. 10	8.85	Oct. 11	6.74
May 11, 1960	12.59						

314356N0811427.1. Local number 177. P. E. Youmans. On Colonels Island. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 490 ft, cased to 100. Lsd 13 ft above msl. MP top of 3-in cross, 1.70 ft above lsd. Highest water level 12.35 above lsd, Aug. 26, 1945; lowest 4.90 below lsd, Oct. 11, 1963. Records available: 1942-63.

Jan. 21, 1959	+1.80	May 11, 1960	0.0	May 17, 1961	+0.21	Oct. 10, 1962	-3.10
May 28	.98	Sept. 21	- .90	Oct. 19	-1.65	Apr. 18, 1963	3.10
Oct. 15	+ .18	Dec. 1	-1.44	May 16, 1962	2.10	Oct. 11	4.90

Long County

314241N0814445.1. Local number 8. Town of Ludowici. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 8 to 6 in, depth 579 ft. Lsd 66 ft above msl. MP hole in pumpbase, 2.70 ft above lsd. Highest water level 9.29 below lsd, Mar. 18, 1940; lowest 34.55 below lsd, Oct. 8, 1963. Records available: 1940-47, 1949-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 25, 1959	29.50	Sept. 19, 1960	31.00	Oct. 17, 1961	31.60	May 14, 1963	33.60
Oct. 13	29.72	Nov. 30	30.60	May 15, 1962	32.40	Oct. 8	34.55
May 19, 1960	29.49	May 19, 1961	30.60	Oct. 8	32.70		

McIntosh County

313815N0812335.1. Local number 14. C. H. Stebbins. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in. Lsd 17 ft above msl. MP top of 3-in tee, 1.90 ft above lsd. Highest water level 22.15 above lsd, Feb. 9, 1939; lowest 2.10 above lsd, Oct. 10, 1963. Records available: 1941-63.

Jan. 26, 1959	+8.30	May 11, 1960	+7.05	Oct. 19, 1961	+5.10	May 16, 1963	+3.20
May 28	7.15	Sept. 21	6.30	May 16, 1962	3.80	Oct. 10	2.10
Oct. 15	7.10	May 17, 1961	6.10	Oct. 10	3.20		

313408N0811927.1. Local number 43. Shellman Bluff. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 650 ft. Lsd 15 ft above msl. MP top of 3-in tee, 1.00 ft above lsd. Highest water level 34.75 above lsd, Mar. 12, 1939; lowest 3.25 above lsd, Oct. 10, 1963. Records available: 1939, 1941-43, 1945-47, 1949-63.

Jan. 27, 1959	+8.30	May 11, 1960	+8.60	Oct. 19, 1961	+5.75	May 16, 1963	+4.30
May 28	7.57	Sept. 21	7.33	May 16, 1962	5.25	Oct. 10	3.25
Oct. 15	7.88	May 17, 1961	7.10	Oct. 10	4.65		

312325N0812427.1. Local number 144. Thomas LeCain. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in, depth 716 ft, cased to about 600. Lsd 20 ft above msl. MP top of 4-in cross, 1.50 ft above lsd. Highest water level 25.85 above lsd, Apr. 28, 1939; lowest 2.10 above lsd, Oct. 10, 1963. Records available: 1939-63.

Jan. 28, 1959	+8.61	May 11, 1960	+9.64	Oct. 19, 1961	+6.80	May 16, 1963	+3.00
May 28	8.73	Sept. 21	9.18	May 16, 1962	6.10	Oct. 10	2.10
Oct. 15	9.94	May 17, 1961	7.94	Oct. 10	5.95		

313130N0812559.1. Local number 180. M. A. Sumner. Formerly D. C. Cowart. Eulonia. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth about 500 ft. Lsd 16 ft (previously reported 1.8 ft) above msl. MP overflow pipe, at lsd (since May 1963). Highest water level 23.26 above lsd, Aug. 27, 1947; lowest 4.00 above lsd, Oct. 10, 1963. Records available: 1942-63.

Jan. 28, 1959	+11.4	May 11, 1960	+10.17	Oct. 19, 1961	+7.60	May 16, 1963	+5.30
May 28	10.6	Sept. 21	8.99	May 16, 1962	6.60	Oct. 10	4.00
Oct. 15	9.72	May 17, 1961	8.42	Oct. 10	6.20		

Montgomery County

321109N0823424.1. Local number 1. City of Ailey. Formerly H. V. Thompson. Drilled municipal (previously reported industrial) artesian well in Ocala Limestone of late Eocene age, diam 6 to 4 in, depth 403 ft, cased to 345. Lsd 255 ft above msl. MP hole in pumpbase, 1.60 ft above lsd. Highest water level 104.60 below lsd, June 15, 1943; lowest 114.65 below lsd, Mar. 14, 1958. Records available: 1941-43, 1945-46, 1949-51, 1953-63.

May 25, 1959	113.25	Sept. 19, 1960	110.9	May 14, 1962	112.30	May 14, 1963	113.10
Oct. 12	110.62	May 19, 1961	111.12	Oct. 8	113.30	Oct. 7	113.30
May 9, 1960	112.90	Oct. 17	112.45				

Pierce County

311811N0821409.1. Local number 2. City of Blackshear. Drilled municipal (previously reported unused) artesian well in Ocala Limestone of late Eocene age, diam 8 in, depth 825 ft, cased to 450 (previously reported diam 8 to 6 in, depth 635 ft, cased to 447). Lsd 130.6 ft above msl. MP hole in pumpbase, 1.00 ft above lsd. Highest water level 57.08 below lsd, Dec. 8, 1947; lowest 70.75 below lsd, Oct. 8, 1962. Records available: 1939-43, 1945-63.

May 26, 1959	66.66	Sept. 20, 1960	67.30	Oct. 17, 1961	69.60	Oct. 8, 1962	70.75
Oct. 13	67.60	May 19, 1961	67.45	May 15, 1962	70.70	May 15, 1963	70.60
May 10, 1960	67.30						

312311N0820800.1. Local number 5. Town of Patterson. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 8 to 6 in, depth 635 ft, cased to 447. Lsd 104 ft above msl. MP hole in pumpbase, 1.50 ft above lsd. Highest water level 30.71 below lsd, Dec. 8, 1947; lowest 45.34 below lsd, June 9, 1955. Records available: 1941-43, 1945-55, 1957-62. No measurement made in 1963. May 26, 1959, 41.73; Oct. 13, 43.40; May 20, 1960, 40.19, Sept. 20, 42.83; May 19, 1961, 41.65; May 15, 1962, 44.25.

Screven County

324503N0813640.1. Local number 3. City of Sylvania. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 10 to 8 in, depth 490 ft. Lsd 218 ft above msl. MP hole in pumpbase, 0.70 ft above lsd. Highest water level 103.0 below lsd, Aug. 8, 1949; lowest 115.95 below lsd, May 25, 1959. Records available: 1939, 1943, 1945-47, 1949-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 25, 1959	115.95	Oct. 19, 1960	106.35	Oct. 6, 1961	113.10	Oct. 11, 1962	108.40
May 9, 1960	104.47	May 19, 1961	108.15	May 14, 1962	104.60	May 14, 1963	107.00

323438N0814249.1. Local number 8. W. W. Wyant (previously reported Yant). Dover. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 255 ft, cased to 90. Lsd 103 ft above msl. MP top of 2-in valve, 2.00 ft above lsd. Highest water level 18.30 above lsd, July 14, 1952; lowest 10.78 above lsd, June 4, 1955. Records available: 1939, 1943, 1945-46, 1949-63.

May 25, 1959	+16.12	Oct. 19, 1960	+10.82	May 14, 1962	+15.26	May 14, 1963	+14.43
Oct. 12	15.95	May 19, 1961	17.90	Oct. 11	14.00	Oct. 7	13.84
May 9, 1960	15.99	Oct. 6	15.87				

Spalding County

331507N0841718.1. Local number 12. State Experiment Station. Dug unused water-table well in residuum, size 4 x 4 ft, depth 30 ft. Lsd 960 ft above msl. MP hole in floor of recorder shelter, 3.10 ft above lsd. Highest water level 8.26 below lsd, Mar. 19, 1948; lowest 21.08 below lsd, Dec. 8, 1943. Records available: 1943-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	19.15	18.03	15.53	14.76	.....	14.12	14.18	15.56	17.08	17.69	16.57	17.06
10	19.01	17.24	15.25	.....	.....	13.50	14.42	15.81	17.27	17.80	16.53	17.29
15	18.80	.....	14.85	.....	.....	13.31	14.66	16.09	17.35	17.80	16.50	17.46
20	18.76	16.90	.....	15.52	.....	13.40	14.87	16.32	17.38	17.69	16.60	17.58
25	18.42	15.32	.....	15.45	.....	13.70	15.06	16.55	17.36	17.06	16.74	17.60
Eom	18.30	15.25	.....	.....	15.18	13.95	15.30	16.80	17.46	16.74	17.02	.....

1960

5	.....	.....	.....	.....	11.91	13.58	15.34	.....	16.60	16.94	18.00	18.82
10	.....	13.37	.....	10.64	12.10	13.91	15.81	16.60	16.60	17.26	18.14	18.98
15	16.29	13.15	.....	10.85	12.45	14.18	16.07	16.51	16.50	.....	18.30	19.07
20	16.08	12.94	.....	11.18	12.73	14.49	15.98	.....	16.80	.....	18.43	.....
25	15.72	12.30	.....	11.36	12.98	14.78	16.21	16.55	16.99	17.71	18.55	.....
Eom	14.90	.....	.....	11.69	13.24	14.63	.....	16.70	17.06	17.79	18.70	.....

1961

5	.....	19.34	13.83	.....	12.33	11.80	12.43	13.72	11.55	13.37	15.27	16.40
10	19.58	19.26	.....	12.95	12.45	.....	12.48	13.21	11.79	13.70	15.89	16.51
15	.....	19.01	.....	12.74	11.84	.....	12.62	12.93	12.08	14.05	15.80	15.76
20	.....	18.38	.....	12.39	11.88	12.63	12.81	12.94	12.33	14.17	16.03	14.69
25	19.76	15.44	.....	12.40	11.37	12.10	13.14	11.87	12.61	14.65	16.23	14.27
Eom	19.51	14.24	.....	12.38	11.43	12.07	13.45	11.31	13.02	14.96	16.36	14.23

1962

5	14.20	13.01	12.19	10.20	10.87	.....	13.88	15.04	.....	16.91	17.88	17.08
10	13.51	13.19	12.42	9.94	11.18	13.06	14.08	15.14	16.29	17.07	17.97	17.24
15	14.34	13.47	10.52	9.10	11.75	13.24	14.25	15.34	16.49	17.19	18.12	17.30
20	14.20	13.80	.....	9.70	11.97	13.45	14.52	15.49	16.56	17.29	18.17	17.48
25	13.59	12.65	.....	10.21	12.39	13.63	14.71	15.61	16.73	17.50	17.59	17.65
Eom	13.18	12.39	10.89	10.57	12.77	13.72	14.88	15.87	16.79	17.57	17.23	17.61

1963

5	17.57	14.20	13.39	12.16	12.70	13.30	12.22	12.32	14.29	15.60	16.71	17.42
10	17.48	14.02	12.85	12.33	12.78	13.53	12.20	12.53	14.66	15.76	16.89	17.59
15	17.33	13.76	.....	12.74	12.97	13.75	12.11	12.91	14.99	15.95	17.17	17.29
20	16.52	13.54	.....	12.88	13.21	13.87	12.40	13.29	15.17	16.06	17.27	.....
25	14.97	13.36	11.99	13.21	13.43	13.67	12.22	13.56	15.52	16.26	17.42	.....
Eom	14.53	13.41	12.01	13.18	13.30	12.48	12.09	14.02	15.59	16.54	17.47	.....

Wayne County

313213N0814758.1. Local number 3. A. W. Hurn. Gardi. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 560 ft. Lsd 62 ft above msl. MP top of 3-in coupling, 1.80 ft above lsd. Highest water level 1.75 below lsd, May 18, 1939; lowest 27.06 below lsd, Nov. 29, 1960. Records available: 1939-43, 1945-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 27, 1959	21.25	Sept. 10, 1960	22.0	Oct. 17, 1961	23.20	May 14, 1963	25.30
Oct. 13	21.53	Nov. 29	27.06	Oct. 8, 1962	24.50	Oct. 8	26.40
May 10, 1960	23.75	May 19, 1961	22.10				

312909N0820111.1. Local number 10. Town of Screven. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 8 to 6 in, depth 931 ft, cased to 572. Lsd 123 ft above msl. MP hole in pumpbase, 1.20 ft above lsd. Highest water level 55.43 below lsd, Dec. 8, 1947; lowest 72.70 below lsd, Oct. 8, 1963. Records available: 1940-43, 1945-63.

Mar. 26, 1959	67.40	Sept. 20, 1960	68.55	Oct. 17, 1961	68.80	Oct. 8, 1962	71.20
Oct. 13	68.24	Nov. 28	69.45	May 15, 1962	70.30	Oct. 8, 1963	72.70
May 10, 1960	67.14	May 19, 1961	68.60				

313215N0814802.1. Local number 12. W. R. Flowers. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in, depth 740 ft, cased to 500+. Lsd 68 ft above msl. MP top of 3-in collar, 0.90 ft above lsd. Highest water level 5.10 below lsd, Oct. 1, 1940; lowest 27.30 below lsd, Oct. 8, 1963. Records available: 1940, 1958-63.

Oct. 1, 1940	5.10	May 27, 1959	22.43	Nov. 29, 1960	23.30	Oct. 8, 1962	25.60
Feb. 25, 1958	20.95	Oct. 13	22.75	May 19, 1961	23.50	May 14, 1963	25.90
May 27	19.45	May 10, 1960	22.23	Oct. 17	24.60	Oct. 8	27.30
Oct. 15	21.98	Oct. 20	23.00	May 15, 1962	25.10		

KENTUCKY

By D. V. Whitesides and Hazel C. Douthitt

The observation-well program in Kentucky was operated in cooperation with the Agricultural and Industrial Development Board of Kentucky until June 30, 1958, and was continued thereafter in cooperation with the University of Kentucky, Kentucky Geological Survey. Figure 5 shows the location of observation wells included in this report.

Well-Numbering System

The Kentucky plane-coordinate (KPC) system of numbering wells is used. This method of well numbering is based on the State plane-coordinate system devised by the U. S. Coast and Geodetic Survey.

Under this system the State is divided into a north zone and a south zone, each divided by parallel lines intersecting at right angles to form a grid. Gridlines in each zone are numbered in feet at 10,000-foot intervals from arbitrarily assigned east-west and north-south datum lines. Numbers of east-west gridlines increase to the north and numbers of north-south gridlines increase to the east.

The well number, in terms of Kentucky coordinates, is determined by adding the distance in feet east of the nearest north-south gridline to the number of that line to obtain the first half of the number, and adding the distance in feet north of the nearest east-west gridline to the number of that line to obtain the second half of the number. Both figures are divided by 1,000 to simplify them. The resulting well number is prefixed by the letter "N" or "S" to designate the appropriate north or south zone.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

Allen County

364440N0861105.1. Local number (KPC)S-1, 872.6-149.9. Formerly 8610-3640-5. Marvin Wood. Formerly C. Braley. Scottsville. Drilled unused artesian well in limestone of Fort Payne Chert of Early Mississippian age, diam 6 in, depth 118 ft, cased to 30. Lsd about 770 ft above msl. MP base of metal recorder shelter, 2.30 ft above lsd. Highest water level 10.33 below lsd, Feb. 27, 1962; lowest 29.70 below lsd, Dec. 12, 1962. Records available: 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.50	28.08	26.68	28.39	28.42	28.12	28.76	28.01	28.48	28.41	27.80	28.09
10	28.23	.....	25.59	28.39	28.50	28.37	28.77	28.56	28.50	28.22	28.03	28.51
15	23.70	.....	27.77	28.00	28.74	28.64	28.60	28.59	28.30	28.37	28.22	27.48
20	22.20	.....	27.76	27.70	28.65	28.70	28.78	28.56	28.62	28.50	28.17	27.50
25	.....	.....	27.97	28.07	28.61	28.50	28.53	28.46	28.55	28.20	28.28	28.11
Eom	.....	.....	28.16	28.33	28.33	28.67	28.33	28.18	28.38	28.45	28.00	27.32
1960												
5	27.95	25.10	28.12	27.50	28.81	29.10	e24.20	.....	28.70	28.18	28.19	27.99
10	27.44	27.00	27.89	28.51	28.70	29.11	e26.20	.....	28.25	28.30	28.08	27.69
15	25.50	28.21	28.00	28.57	28.92	28.96	e27.60	h28.79	28.46	28.18	28.10	27.09
20	28.00	27.39	25.59	28.60	29.00	28.65	28.85	28.80	28.20	28.20	28.25	27.58
25	28.06	20.28	27.95	28.68	29.00	28.96	28.84	28.87	28.33	28.09	28.12	27.76
Eom	27.90	27.91	28.28	28.72	29.17	e20.70	.....	28.85	28.30	28.18	27.33	26.66

e Estimated.

h Tape measurement.

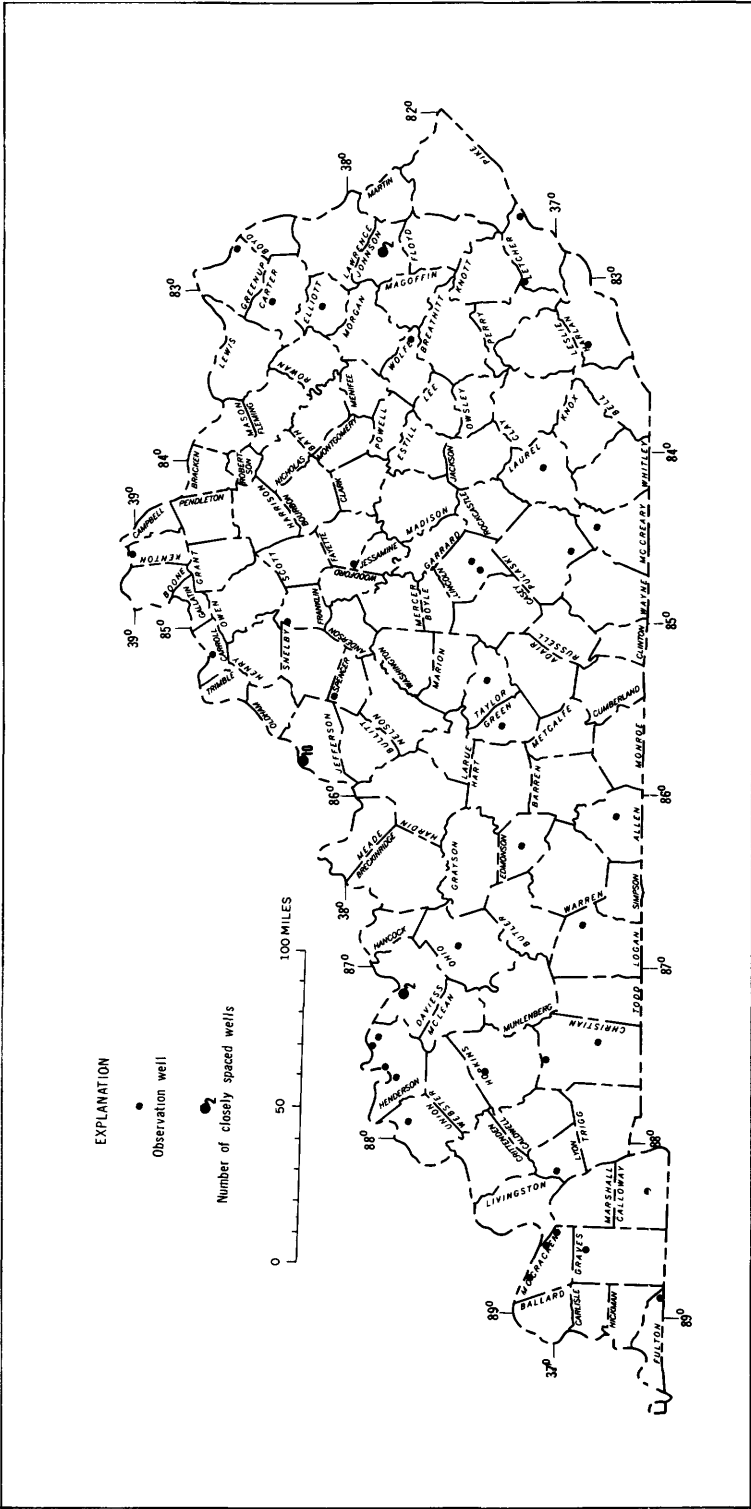


Figure 5. -- Location of observation wells in Kentucky, 1959-63.

364440N0861105.1--Continued.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.32	28.30	27.68	27.96	28.29	28.89	28.99	29.12	28.94	29.08	29.10	28.37
10	27.03	27.35	27.05	28.18	26.78	28.00	29.13	29.21	28.97	29.01	28.99	26.30
15	27.80	28.03	27.86	26.70	28.00	.....	28.50	28.82	29.05	29.02	28.57	27.92
20	26.05	28.35	28.15	28.00	27.68	.....	27.44	28.70	28.86	28.82	28.84	27.40
25	28.00	21.90	27.76	28.09	28.30	.....	28.84	28.58	28.90	29.00	28.04	28.16
Eom	28.25	20.88	27.40	28.28	28.64	28.78	29.10	28.92	29.00	28.91	28.54	27.94

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.20	28.22	.....	28.42	29.00	28.42	28.90	29.17	29.03	29.29	29.56	29.20
10	28.06	27.10	.....	28.10	29.10	28.82	29.03	29.22	29.33	29.50	28.80	29.40
15	27.78	28.05	e23.00	27.74	29.00	28.80	28.99	29.20	29.39	29.40	29.20	29.12
20	28.24	28.28	.....	28.36	28.67	28.81	29.00	29.24	29.56	29.30	29.10	29.32
25	26.90	27.04	.....	28.53	28.85	28.83	29.00	29.24	29.32	29.44	29.30	29.09
Eom	28.06	e11.00	24.11	28.86	28.77	28.91	29.07	29.31	29.46	e29.40	29.24	28.13

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.51	27.59	23.90	28.31	28.80	29.00	29.10	29.00	29.00	29.28	28.97	29.31
10	28.52	28.15	27.76	28.71	28.82	29.05	29.16	29.07	29.06	29.20	29.15	29.40
15	29.00	27.96	16.15	28.79	28.86	29.14	28.78	29.11	29.18	29.16	29.34	29.51
20	28.71	26.80	14.90	28.83	29.00	28.45	28.72	29.16	29.05	29.10	29.05	29.15
25	28.92	27.83	e21.00	28.87	28.82	29.13	29.21	29.15	29.10	29.08	29.27	.....
Eom	28.94	28.01	28.05	28.45	29.00	29.30	28.40	28.86	29.31	28.96	28.90	29.28

e Estimated.

Calloway County

363634N0881916.1. Local number (KPC) S-1, 245.5-110.7. Formerly 8815-3635-6. Joe Parks. 15th and Main Sts., Murray. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age (previously reported Ripley Formation), diam 12 in, depth 345 ft, screened 290-328, 330-344. Lsd 548.97 ft above msl. MP base of recorder shelter, 2.56 ft above lsd (since June 23, 1960). Highest water level 123.23 below lsd, Mar. 3, 1953, Feb. 27, 1954; lowest 127.63 below lsd, Mar. 30, 1962. Records available: 1948-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	125.00	124.83	124.64	124.74	125.35	125.40	125.50	.....	125.84	125.70	125.80	125.71
10	125.22	.....	124.71	125.08	125.45	125.29	125.63	.....	125.90	125.75	125.82	125.68
15	124.92	.....	124.64	125.00	.....	125.39	125.88	.....	125.69	125.79	125.71	125.59
20	124.90	.....	124.74	124.84	.....	125.49	.....	125.77	125.87	125.78	125.90	125.53
25	124.95	124.95	124.80	125.00	.....	125.49	.....	125.76	125.99	125.47	125.65	125.52
Eom	125.12	124.84	124.67	124.91	.....	125.63	.....	125.56	125.84	125.85	125.55	125.29

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	h125.38	125.34	125.56	125.33	125.71	125.86	125.72	125.95	126.18	126.09	125.97	.....
10	125.47	125.34	125.43	125.46	125.50	126.02	125.83	125.97	126.40	126.05	h125.89	125.80
15	125.44	125.41	125.47	125.38	125.51	125.89	125.96	125.96	126.32	126.06	125.88	125.70
20	125.63	125.35	125.57	125.45	125.74	.....	125.70	126.10	126.28	126.06	125.89	125.41
25	125.66	125.64	125.79	h125.35	125.78	125.95	125.63	126.18	126.31	126.06	125.88	125.41
Eom	125.46	h125.57	125.36	125.68	125.76	125.77	125.82	126.34	126.11	125.71	.....	125.19

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	125.56	125.43	125.37	125.45	125.70	125.84	125.92	125.87	126.12	126.26	126.23	126.18
10	125.71	125.44	125.52	125.29	125.53	125.77	125.96	126.24	126.13	h126.37	126.40	125.93
15	125.44	125.48	125.35	125.17	125.31	125.86	125.94	h126.21	126.39	126.41	126.12	126.13
20	125.62	125.40	125.27	125.55	125.80	h125.68	126.05	126.18	126.38	126.33	126.09	125.88
25	125.53	125.43	125.40	h125.31	125.84	125.88	125.92	126.04	126.38	126.33	126.21	125.36
Eom	125.41	h125.28	125.34	125.47	125.92	126.20	125.71	126.24	126.59	126.18	126.33	125.35

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	125.79	125.47	126.30	126.57	126.13	126.18	126.05	126.07	125.93	125.97	125.84	125.91
10	126.02	125.79	127.18	126.16	126.29	126.06	126.10	126.22	125.76	126.05	125.99	125.79
15	125.64	126.00	127.28	126.17	126.31	126.05	126.02	126.24	125.98	125.77	125.90	126.17
20	125.95	125.96	127.25	126.40	126.53	126.05	h125.94	126.23	126.01	126.02	125.78	125.98
25	125.77	125.65	127.24	126.20	126.36	125.81	125.85	126.37	125.85	126.19	125.72	e125.67
Eom	125.84	126.05	127.04	125.96	126.35	126.09	125.96	126.26	125.81	126.00	126.03	125.40

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	125.40	.....	125.46	125.99	125.86	125.95	126.19	126.06	126.03	126.69	126.28	126.14
10	125.46	.....	125.83	125.77	126.09	125.81	126.19	126.57	126.06	126.71	126.28	126.21
15	125.83	.....	125.90	125.60	125.99	126.14	125.89	126.17	126.16	126.58	126.49	126.33
20	125.60	.....	125.64	125.80	125.89	126.04	126.11	126.04	126.41	126.64	126.40	126.45
25	125.77	125.62	125.61	126.06	126.20	126.04	125.97	126.15	126.44	126.73	126.09	125.95
Eom	125.82	125.83	125.76	125.83	125.90	126.20	125.93	126.15	126.21	126.61	126.01	h126.02

e Estimated.

h Tape measurement.

Carroll County

384043N0851113.1. Local number (KPC) N-1, 732.5-430.6. Formerly 8510-3840-7. Schenley Distillers, Inc. 2d and Seminary Sts., Carrollton. Drilled unused water-table well in sand and gravel, diam 8 in, depth 110 ft, screened 96-110. Lsd about 550 ft above msl. MP top of casing, 3.40 ft above lsd. Highest water level 9.00 below lsd, Mar. 10, 1955; lowest 38.31 below lsd, Dec. 19, 1960. Records available: 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	34.39	25.39	.....	.....	26.13	34.40	35.27	36.02	36.39	36.58	.....	.....
10	35.20	27.20	27.56	25.11	28.65	33.80	35.41	36.02	36.60	.....	.....	.....
15	.....	.....	25.20	23.97	30.82	34.19	35.68	36.21	36.68	.....	.....	.....
20	.....	.....	25.29	25.12	29.31	34.86	35.85	36.40	36.73	.....	.....	.....
25	.....	.....	27.58	29.24	31.83	34.89	35.66	36.52	36.73	.....	.....	.....
Eom	.....	.....	29.15	29.01	32.41	34.83	35.65	36.40	36.79	.....	.....	.....

1960

5	.....	.....	.....	.....	33.35	31.69	29.31	35.85	36.51	36.72	36.67	37.86
10	.....	.....	.....	.....	32.73	33.94	.....	35.26	.....	36.79	37.56	37.98
15	.....	.....	.....	.....	28.81	33.51	33.81	35.80	36.06	36.71	37.19	38.00
20	.....	.....	.....	.....	29.28	33.80	35.00	35.83	36.17	36.79	37.71	38.18
25	.....	.....	.....	.....	31.72	29.17	35.29	36.08	36.39	36.67	37.78	.....
Eom	.....	.....	.....	.....	31.35	33.66	35.53	36.38	36.51	36.73	37.70	.....

1961

5	h34.89	.....	17.85	21.58	.....	.....	.....	30.89	35.19	36.00	.....	35.00
10	35.59	.....	14.93	25.42	.....	.....	.....	33.24	35.54	.....	36.10	.....
15	35.92	34.17	16.49	.....	.....	.....	.....	31.92	35.69	.....	36.19	32.60
20	32.02	31.45	20.92	.....	.....	.....	.....	34.16	35.74	.....	35.82	30.00
25	34.90	26.59	21.71	.....	.....	.....	.....	34.52	35.82	35.58	36.47	29.00
Eom	36.08	22.01	22.82	.....	.....	.....	.....	35.05	36.03	36.19	32.89	31.78

1962

5	33.61	.....	.....	18.70	29.88	34.09	34.87	36.06	36.90	36.70	.....	35.50
10	29.66	.....	.....	19.30	31.62	34.19	34.90	36.23	36.92	36.77	.....	35.24
15	29.41	.....	.....	17.40	32.46	34.10	35.50	36.50	37.08	37.01	.....	36.03
20	30.80	.....	.....	20.00	32.90	34.75	35.10	36.60	37.10	.....	.....	35.95
25	26.32	.....	.....	25.98	33.40	34.46	35.50	36.69	37.10	.....	.....	31.22
Eom	25.02	18.55	.....	29.00	32.85	35.13	35.90	36.80	36.96	.....	34.13	32.26

1963

5	32.61	33.40	26.06	20.53	32.30	33.69	34.89	35.31	36.29	36.78	36.80	36.07
10	34.40	33.30	15.00	25.70	33.23	30.37	35.24	35.78	36.50	36.80	36.70	36.45
15	31.78	.....	13.30	29.89	33.26	31.50	35.25	35.82	36.58	36.80	36.74	36.32
20	.....	.....	11.30	31.87	30.93	34.34	35.30	35.68	36.50	36.93	36.75	37.80
25	.....	h33.01	10.90	28.62	33.20	34.69	35.25	36.10	36.70	36.88	36.95	37.02
Eom	34.95	34.10	15.50	30.75	32.57	34.90	35.65	36.20	36.80	36.79	36.70	37.19

h Tape measurement.

Carter County

381952N0825717.1. Local number (KPC) N-2, 371.5-305.3. Formerly 8255-3815-8. J. E. Newland. Grayson. Drilled unused water-table well in limestone of Mississippian age, diam 10 in, depth 109 ft. Lsd about 630 ft above msl. MP top of casing, 0.15 ft below lsd. Highest water level 8.50 below lsd, Feb. 4, 1952; lowest 19.74 below lsd, Sept. 19, 1956. Records available: 1951-61. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1959	10.13	Aug. 25, 1959	11.25	May 11, 1960	10.44	Jan. 9, 1961	9.85
Feb. 3	9.55	Oct. 27	11.65	June 7	11.03	31	9.82
Mar. 3	9.66	Nov. 16	10.05	July 13	9.81	Feb. 28	9.13
Apr. 1	9.78	Dec. 17	10.30	Aug. 16	10.28	Apr. 5	9.03
27	9.62	Jan. 7, 1960	10.30	Sept. 12	10.81	May 31	9.44
May 28	10.53	Feb. 10	10.16	Oct. 12	11.17	31	9.86
June 24	10.83	Mar. 15	10.12	Nov. 9	9.56	June 26	9.75
July 30	11.12	Apr. 13	10.25	Dec. 6	10.28	Aug. 2	9.17

Christian County

365142N0872704.1. Local number (KPC) S-1, 502.3-196.8. Formerly 8725-3650-74. Western Kentucky State Hospital. Hopkinsville. Drilled unused water-table well in Ste. Genevieve Limestone of Late Mississippian age, diam 8 in, depth 85 ft, reported cased to 10. Lsd about 550 ft above msl. MP top of casing, 0.30 ft above lsd (since Oct. 29, 1963). Highest water level 2.26 below lsd, Feb. 22, 1961; lowest 17.77 below lsd, Oct. 21, 1956. Records available: 1950-63. Well cleaned Oct. 29, 1963.

365142N0872704.1--Continued.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	h15.42	12.08	.....	11.90	16.48	15.71	16.19	12.28	.....	16.87	16.54	16.55
10	16.13	12.52	.....	13.65	16.53	12.00	16.38	12.80	.....	16.77	16.78	16.61
15	13.15	8.50	.....	15.29	16.20	12.85	16.75	16.27	16.80	16.58	16.53	11.86
20	10.79	11.59	.....	15.62	16.60	16.05	16.77	.....	16.83	16.77	16.73	11.60
25	10.30	11.34	.....	16.01	16.17	16.50	11.80	.....	16.79	16.79	16.71	13.03
Eom	11.78	11.50	14.44	15.97	12.90	16.64	16.23	.....	16.83	16.82	15.69	11.78

1960

5	h12.27	12.03	11.91	11.79	16.28	16.73	15.19	16.61	16.69	16.60	16.69	16.33
10	12.72	11.05	11.91	12.40	16.29	16.79	16.40	12.34	12.19	16.66	e12.00	14.37
15	10.33	11.57	11.58	13.88	16.56	16.74	16.58	16.37	16.62	16.67	16.50	15.30
20	11.54	12.52	9.70	15.43	12.88	16.79	16.89	14.89	16.61	16.69	16.45	e16.09
25	12.12	11.50	11.48	15.08	16.57	16.80	16.00	16.56	16.60	16.71	15.30	e14.50
Eom	12.53	11.58	11.71	15.80	16.67	11.60	16.63	16.62	16.61	16.63	14.33	e11.70

1961

5	.....	.....	7.03	11.77	11.38	16.24	16.40	16.40	16.61	16.55	14.50	15.25
10	.....	11.25	10.10	11.79	9.83	11.71	16.51	16.55	16.37	16.64	16.43	7.60
15	14.00	11.96	11.50	8.60	11.95	6.70	13.60	16.57	16.57	16.68	15.99	11.48
20	11.90	11.61	11.89	11.41	13.14	11.85	16.20	16.52	16.56	16.70	14.55	10.71
25	.....	10.26	11.31	11.98	14.94	14.58	16.51	16.22	16.60	16.75	11.87	11.80
Eom	.....	8.71	11.61	11.79	16.00	16.18	16.51	16.61	16.68	16.22	14.80	12.10

1962

5	12.10	12.18	.....	11.54	.....	15.18	16.01	16.30	15.10	16.06	15.80	16.18
10	11.68	11.27	11.35	11.80	.....	14.57	16.13	16.24	16.20	16.10	15.15	16.26
15	11.40	.....	11.78	11.29	.....	15.69	16.20	16.00	16.20	15.48	15.97	16.27
20	.....	.....	12.02	12.00	.....	14.68	16.23	15.80	16.16	15.63	e16.00	16.11
25	h10.25	.....	11.63	.....	.....	15.70	16.21	15.85	15.72	e15.50	e16.00	15.70
Eom	11.57	.....	10.68	.....	15.50	16.12	16.26	16.13	16.27	15.92	16.08	13.70

1963

5	15.60	13.70	6.01	13.00	15.77	(j)	.....	15.85	.....	.....	16.73	16.79
10	15.65	14.78	11.77	14.25	15.10	.....	.....	15.80	.....	.....	16.78	16.79
15	15.60	14.19	11.61	14.90	15.80	15.96	15.90	.....	.....	.....	16.71	16.68
20	15.89	14.81	11.10	15.35	15.81	15.20	.....	.....	.....	.....	16.67	16.70
25	e15.80	15.24	11.85	15.48	.....	.....	.....	.....	.....	.....	16.58	.....
Eom	15.74	15.31	11.99	14.30	15.93	.....	15.80	.....	.....	16.61	16.65	16.78

e Estimated.

h Tape measurement.

j Well plugged at 16.00 ft.

370733N0872912.1. Local number (KPC) S-1, 493.740-293.175. Formerly 8725-3705-3. Williams Coal Co. Drilled unused artesian well in upper (?) part of Tradewater Formation of Middle Pennsylvanian age, diam 6 in, depth 95 ft, length of casing unknown. Lsd about 425 ft above msl. MP top of steel casing, 5.00 ft above lsd. Highest water level 0.38 below lsd, Mar. 22, 1952; lowest 14.88 below lsd, Jan. 13, 1954. Records available: 1952-63. Recorder installed July 13, 1961.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1959	7.23	Oct. 26, 1959	7.76	June 28, 1960	7.07	Feb. 7, 1961	8.63
Feb. 28	7.07	Nov. 22	7.98	July 26	7.32	Mar. 7	6.51
Apr. 29	6.96	Jan. 4, 1960	8.40	Aug. 29	8.50	Apr. 5	5.25
May 26	6.96	Feb. 12	6.65	Sept. 27	9.28	May 5	6.11
July 24	7.22	Mar. 19	6.47	Nov. 1	9.36	June 1	6.19
Aug. 26	7.36	May 2	6.62	29	9.97	27	6.17
Sept. 17	7.91	June 2	6.91	Jan. 11, 1961	8.40	July 13	6.67

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.30	.....	7.17	7.18	6.14
10	6.59	.....	7.34	7.68	5.94
15	6.65	7.06	.....	7.43	6.90	5.90
20	7.01	6.84	.....	7.35	6.68	5.74
25	6.76	5.85	.....	7.52	6.11	5.78
Eom	6.52	.....	7.37	7.93	6.23	5.50

1962

5	5.74	4.47	.....	5.25	.....	5.58	5.12	6.40	.....	6.29	e6.17	5.84
10	5.83	4.48	5.21	5.22	.....	5.87	5.63	6.37	.....	6.28	e6.11	5.94
15	5.80	4.55	5.33	5.15	.....	5.88	5.94	6.66	.....	6.27	e6.06	5.70
20	5.77	4.50	5.31	4.81	.....	5.75	6.05	6.87	.....	6.23	e6.02	5.89
25	5.52	3.84	5.17	5.19	.....	5.61	6.24	7.08	6.25	6.24	e5.96	5.92
Eom	4.32	.....	5.00	.....	5.29	5.13	5.55	e6.75	6.29	6.20	5.87	5.80

e Estimated.

370733N0872912.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.77	5.70	4.60	5.12	5.20	5.90	....	7.47	7.94	8.84	9.35	8.27
10	5.74	5.44	5.25	5.15	5.42	6.20	....	7.55	8.23	9.11	9.36	9.23
15	5.76	5.16	5.24	5.26	e4.75	6.00	....	....	8.29	9.06	9.53	9.41
20	5.74	5.41	5.11	e5.37	e5.87	6.11	....	....	8.40	9.13	9.54	9.58
25	5.80	5.54	4.95	5.46	....	....	....	....	8.70	9.27	9.54	9.68
Eom	e5.77	5.33	5.07	4.45	5.77	....	7.23	7.65	8.77	9.44	9.58	9.70

Daviness County

374638N0870541.1. Local number (KPC)S-1, 611, 295-528, 468. Formerly 8705-3745-11. Owensboro Municipal Utilities. 1531 East 4th St., Owensboro. Drilled unused artesian and water-table well in alluvium of Pleistocene and Recent age, diam 12 in, depth 104 ft, cased to 75, 30-ft screen at bottom. Lsd about 405 ft above msl. MP floor of recorder shelter, 4.33 ft above lsd. Highest water level 24.65 below lsd, Mar. 5, 1962; lowest 55.72 below lsd, July 29, 1952. Records available: 1951-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	48.57	37.47	....	44.08	45.84	....	....	....	53.17	48.48	48.53	47.82
10	47.12	43.06	....	41.02	45.08	....	....	....	48.20	47.61	47.28	45.10
15	47.00	39.10	....	40.03	45.98	....	....	....	46.67	47.46	46.26	38.11
20	e47.05	31.54	....	37.89	46.11	h45.62	....	....	46.65	47.31	46.70	42.12
25	31.02	35.51	....	44.89	48.72	....	....	....	47.32	....	47.50	e46.24
Eom	28.91	40.02	47.49	46.44	....	....	....	....	47.78	....	45.04	....

1960

5	46.60	47.93	44.25	40.88	51.30	....	45.76	48.99	49.30	46.22	46.37	46.09
10	41.71	46.81	47.47	37.65	46.66	47.87	46.06	48.88	47.79	47.53	46.02	46.64
15	44.37	43.62	47.41	33.02	46.52	48.08	47.36	49.81	47.58	47.19	47.02	45.91
20	37.70	38.62	47.21	39.98	46.27	47.96	49.34	49.23	47.25	47.02	45.41	46.74
25	39.15	43.39	46.25	46.33	47.50	48.32	48.30	49.05	46.68	46.85	46.00	46.19
Eom	46.57	43.00	44.37	49.78	47.40	48.49	47.44	49.84	46.82	45.70	46.01	48.33

1961

5	46.67	....	28.70	40.25	35.55	....	....	52.92	55.40	51.19	45.60	51.25
10	47.30	....	29.60	42.45	28.66	....	....	53.68	52.10	52.10	50.20	51.70
15	45.93	....	29.55	41.75	27.10	....	49.20	....	52.77	50.45	50.76	47.22
20	47.07	45.50	32.50	36.90	35.65	....	52.71	46.58	52.07	46.60	50.20	45.13
25	48.50	41.80	....	36.73	53.20	....	52.40	51.60	52.42	47.35	50.10	39.40
Eom	48.10	35.00	....	33.00	47.95	....	53.68	53.20	51.93	46.67	50.97	46.90

1962

5	50.30	45.60	24.65	35.50	46.65	48.70	47.87	50.00	49.22	47.92	51.00	46.68
10	49.10	48.40	28.03	37.60	50.00	46.10	50.78	51.50	47.61	46.70	50.17	49.67
15	47.23	47.70	36.51	33.50	51.40	49.05	50.85	49.17	49.40	48.80	47.95	50.28
20	49.56	49.62	35.00	34.65	48.10	48.50	51.90	51.68	47.82	51.18	50.10	49.61
25	40.25	44.65	34.00	45.50	50.78	48.25	51.81	48.70	47.00	50.50	48.00	46.30
Eom	40.71	38.00	34.90	48.90	49.52	50.11	51.88	50.18	46.10	48.20	50.47	49.75

1963

5	46.95	53.10	e45.00	38.52	50.70	52.32	47.86	51.80	50.52	45.84	45.25	46.29
10	47.52	51.47	e35.00	46.54	50.77	52.94	47.67	51.00	50.19	47.15	44.92	46.65
15	48.62	52.51	31.12	49.71	51.25	52.97	49.90	48.80	47.02	46.80	46.54	45.99
20	45.26	51.17	29.00	49.95	50.40	51.00	51.11	49.20	50.18	44.21	46.09	46.55
25	51.80	50.14	27.08	51.35	49.39	51.78	51.30	47.00	49.19	47.90	45.97	e46.00
Eom	52.98	50.28	28.43	51.08	51.98	50.24	50.99	50.53	45.50	46.69	45.50	47.02

e Estimated.

h Tape measurement.

374618N0870649.1. Local number (KPC)S-1, 605, 8-526.6. Formerly 8705-3745-33. Malco Theatre Corp. 418 Frederica St., Owensboro. Drilled unused artesian well in alluvium of Pleistocene and Recent age, diam 6 in, depth 84 ft, screened probably 62-84. Lsd about 400 ft above msl. MP floor of recorder shelter, 2.50 ft below lsd. Highest water level 18.90 below lsd, Feb. 8, 1952; lowest 41.64 below lsd, July 30, 1954. Records available: 1951-61. Recorder removed Mar. 10, 1961. Measurement discontinued May 4, 1961.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	38.10	27.15	....	36.04	37.12	38.14	....	38.36	38.87	38.61	37.66	36.60
10	38.28	32.87	....	34.90	35.74	38.38	....	38.37	38.73	38.38	37.82	37.11
15	37.36	33.06	....	33.27	37.17	38.19	....	38.94	37.87	37.98	37.61	36.88
20	37.62	25.84	....	31.11	37.26	38.15	....	38.89	38.31	37.76	37.35	32.62
25	28.49	26.72	....	35.17	37.90	38.14	38.41	....	38.42	....	37.53	33.48
Eom	23.32	30.35	36.31	36.46	37.94	38.25	38.45	38.67	38.36	....	37.76	....

374618N0870649.1--Continued.

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	37.19	36.60	33.59	27.22	36.61	.....	38.72	38.98	38.85	38.23	37.86	37.40
10	35.36	.....	35.78	26.17	36.44	.....	38.25	38.83	38.46	38.52	37.77	37.29
15	35.64	.....	36.18	28.30	37.56	.....	38.59	38.91	38.60	38.29	37.52	36.96
20	32.19	29.81	36.64	30.87	36.77	.....	38.75	38.88	38.49	38.08	37.62	36.87
25	30.64	32.48	33.07	32.23	37.98	.....	38.73	39.02	38.29	37.90	37.75	37.29
Eom	35.96	34.75	29.81	35.78	38.51	38.26	38.81	38.98	38.60	37.56	37.77	37.27
1961												
5	37.58	.....	.....	h33.25	.....	.....	.....	.....	.....	.....	.....	.....
10	37.69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	37.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	37.60	37.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	37.72	35.94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	37.70	30.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

Edmonson County

371139N0861609.1. Local number (KPC) S-1, 848.7-313.8. Formerly 8615-3710-1. Mr. Wells. Brownsville. Dug unused water-table well in Cypress Sandstone of Cypress Series of Late Mississippian age, diam 30 in, depth 23 ft, shored. Lsd about 537 ft above msl. MP base of metal recorder shelter, 2.00 ft above lsd. Highest water level 0.37 below lsd, Mar. 21, 1955; lowest 12.78 below lsd, Dec. 5, 10, 1956. Records available: 1952-61. Measurements discontinued Oct. 29, 1961. Recorder removed Dec. 18, 1961.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.44	2.19	2.15	2.16	2.46	2.21	3.06	2.88	3.12	3.80	3.35	3.73
10	3.29	2.16	2.12	2.14	2.67	2.69	3.19	2.94	3.15	3.30	3.43	3.79
15	3.01	1.76	2.23	2.17	2.61	2.84	3.33	3.11	3.28	3.15	3.47	2.88
20	2.35	2.16	2.15	2.29	2.63	3.01	3.31	3.24	3.46	3.30	3.52	2.82
25	2.13	2.13	2.33	2.42	2.35	2.76	3.10	3.38	3.60	3.32	3.51	2.98
Eom	2.19	2.19	2.23	2.27	2.23	2.89	2.95	3.26	3.71	3.41	3.14	2.69

1960

5	2.75	2.76	2.75	2.38	3.15	3.44	2.84	3.98	4.33	3.79	4.17	3.28
10	2.85	2.88	2.80	2.60	3.24	3.58	3.07	4.08	4.38	3.86	3.64	3.22
15	2.45	2.59	2.60	e2.75	3.37	3.60	3.30	4.15	4.35	3.94	3.57	2.92
20	2.63	2.56	2.18	e2.82	3.46	3.43	3.51	4.20	3.63	.....	3.34	3.07
25	2.87	2.53	2.38	2.87	3.43	3.47	3.69	4.22	3.66	4.08	3.35	3.10
Eom	2.85	2.60	2.27	2.99	3.37	2.65	3.85	4.27	3.71	4.12	3.21	2.89

1961

5	2.83	2.96	1.88	2.17	2.26	2.89	3.15	3.24	3.66	4.04	.....	.....
10	2.90	2.76	2.05	2.60	2.06	2.60	3.34	3.41	3.68	4.09	.....	.....
15	2.87	2.78	2.16	2.08	2.30	1.95	3.27	3.56	3.77	4.16	.....	.....
20	2.68	2.69	2.33	2.23	2.26	2.36	3.08	3.69	3.86	4.22	.....	.....
25	2.78	2.04	2.20	2.24	2.51	2.67	2.93	3.75	3.96	4.30	.....	.....
Eom	2.95	1.79	2.12	2.23	2.73	2.93	3.16	3.78	4.06	4.37	.....	.....

e Estimated.

Elliott County

380425N0830919.1. Local number (KPC) N-2, 315.1-210.7. Formerly 8305-3800-1. Roy Adkins. Sandy Hook. Drilled unused water-table well in rocks of Pennsylvanian age, diam 6 in, depth 70 ft. Lsd about 780 ft above msl. MP base of recorder shelter, 3.55 ft above lsd (since Sept. 25, 1959). Highest water level 18.46 below lsd, Feb. 26, 1962; lowest 46.35 below lsd, Dec. 17, 18, 1953. Records available: 1952-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	23.08	23.21	23.35	23.47	23.10	23.98	25.80	29.46	35.62	35.65	22.21
10	25.44	22.87	23.33	22.17	23.49	23.41	24.27	26.32	31.75	36.00	35.80	23.48
15	25.45	20.92	23.87	21.70	22.03	.....	24.70	26.83	31.50	36.39	36.84	22.18
20	21.90	22.90	22.30	22.59	23.15	.....	24.80	27.30	33.45	36.46	36.21	22.40
25	22.12	23.07	23.34	23.17	22.98	23.62	25.09	27.76	34.42	35.60	36.18	23.58
Eom	22.90	23.15	23.36	23.28	22.98	23.76	25.59	28.85	34.71	35.75	24.89	23.10

380425N0830919.1--Continued.

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	21.90	22.62	22.92	22.49	23.61	23.68	21.46	23.50	23.88	25.50	26.57	25.75
10	23.21	22.08	23.46	22.86	23.40	24.02	.....	23.53	24.24	25.77	26.75	25.85
15	21.97	22.33	h23.18	23.11	23.58	24.29	22.55	.....	24.52	25.92	26.38	25.64
20	25.04	22.28	21.18	23.31	23.71	24.22	23.04	23.53	24.58	26.10	26.48	25.77
25	23.22	22.13	21.64	23.44	23.75	22.10	23.18	23.53	24.86	26.20	26.62	24.02
Eom	22.44	21.94	22.27	23.52	23.61	21.84	23.47	23.68	25.16	26.21	26.50	22.23
1961												
5	.....	23.38	20.33	21.25	21.84	23.27	.....	20.37	.....	23.14	25.57	23.66
10	22.62	22.25	20.54	.....	20.88	.....	23.40	.....	.....	23.34	25.19	21.70
15	21.51	21.47	21.36	20.87	.....	.....	23.33	20.35	.....	23.64	25.80	21.64
20	21.32	.....	.....	21.17	.....	.....	20.40	.....	23.37	.....	25.30	20.64
25	23.04	20.89	21.20	.....	.....	22.73	20.59	19.24	23.48	.....	22.69	21.42
Eom	23.16	20.73	.....	.....	23.21	.....	19.46	21.09	23.91	25.07	23.50	21.37
1962												
5	23.10	.....	21.40	21.14	23.07	23.30	.....	22.70	24.35	26.35	29.30	23.05
10	21.26	.....	20.53	21.03	23.16	23.46	.....	22.52	24.78	26.87	29.75	23.32
15	22.67	.....	21.35	20.40	23.32	23.57	22.27	22.93	25.14	27.32	.....	23.25
20	23.26	21.83	22.16	21.70	23.20	23.90	22.67	23.09	25.56	27.55	.....	23.46
25	20.87	20.70	.....	22.73	23.39	.....	22.54	23.30	25.78	27.87	.....	21.25
Eom	.....	19.77	22.15	23.03	23.25	24.32	22.85	23.85	26.10	28.19	22.87	20.65
1963												
5	22.57	21.62	19.48	.....	23.41	22.14	23.50	25.30	24.97	26.77	33.67	.....
10	23.03	22.30	20.70	.....	23.35	22.55	23.73	24.94	25.32	27.24	35.16	.....
15	21.85	21.62	20.30	.....	23.44	23.07	24.07	23.56	25.68	27.59	35.25	.....
20	22.30	21.93	.....	.....	h22.85	23.15	24.35	23.73	25.84	28.20	36.68	41.04
25	23.28	.....	21.24	23.33	23.21	23.25	24.85	24.11	26.02	29.05	36.88	42.12
Eom	23.46	21.36	.....	23.38	21.27	23.35	25.10	24.63	26.41	32.44	37.75	42.80

h Tape measurement.

Fayette County

375928N0843620.1. Local number (KPC) N-1, 897.6-179.1. Formerly 8435-3755-28.
 M. A. Kehrt. Lexington. Drilled unused water-table well in limestone of Lexington Group of Middle Ordovician age, diam 6 in, depth 132 ft, reported cased to 15. Lsd about 940 ft above msl. MP base of recorder shelter, 1.90 ft above lsd. Highest water level 0.69 below lsd, Feb. 28, 1962; lowest 48.56 below lsd, March 1954. Records available: 1952-63.

Water level at noon, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	11.20	11.28	.....	12.63	12.65	12.91	13.09	13.61	13.75	12.86	10.95
10	12.54	11.60	11.28	11.98	12.78	12.75	13.20	12.85	13.22	13.10	12.68	10.95
15	12.27	6.98	11.85	10.79	12.62	12.85	13.15	13.14	13.50	12.95	12.93	7.35
20	7.45	8.65	12.25	11.46	12.67	13.40	12.85	13.67	13.54	13.05	13.03	7.24
25	7.30	10.62	12.35	12.37	12.73	13.05	12.68	13.49	13.31	12.94	12.85	9.45
Eom	10.35	11.93	12.40	12.36	.....	13.20	13.46	12.75	.....	13.03	9.14	8.39
1960												
5	8.90	11.35	9.50	11.03	12.50	12.46	7.21	12.41	12.62	12.31	12.60	11.37
10	10.95	7.60	11.59	12.12	12.45	12.57	10.25	12.28	.....	12.51	11.75	h11.96
15	7.87	7.67	....	12.34	12.63	12.70	12.03	12.52	.....	12.54	11.66	11.69
20	8.45	9.49	8.07	12.53	12.57	11.95	12.31	12.44	10.28	12.48	11.99	.....
25	11.37	10.94	6.08	12.47	12.54	6.69	12.45	12.67	12.10	12.70	11.46	12.40
Eom	11.56	8.42	8.41	12.44	12.25	7.14	12.48	12.61	12.27	12.45	9.72	11.55
1961												
5	10.93	12.43	5.87	7.77	....	10.92	12.36	12.29	12.43	12.58	12.58	.....
10	10.06	....	7.20	8.56	5.22	6.95	.....	12.22	12.43	12.55	12.64	.....
15	11.08	9.21	8.88	7.38	8.21	7.31	12.10	12.37	12.59	12.62	12.53	11.00
20	8.45	11.29	11.36	8.25	11.04	8.24	11.53	12.28	12.53	12.56	12.40	9.39
25	11.26	6.93	8.11	7.53	12.01	11.63	12.07	12.38	12.50	12.64	12.53	....
Eom	12.17	5.87	10.43	8.86	12.26	12.26	12.04	12.40	12.56	12.55	12.54	....
1962												
5	.....	10.91	8.03	7.98	12.27	12.27	12.33	12.45	12.32	8.57	12.61	12.16
10	.....	10.60	7.69	8.10	12.11	12.44	11.30	12.42	12.51	11.70	7.24	12.44
15	.....	10.97	8.15	7.45	11.37	8.43	11.94	12.51	12.48	12.18	9.75	12.21
20	10.17	11.55	10.80	9.94	12.10	11.83	12.39	12.49	12.70	12.44	8.50	12.47
25	6.82	7.83	7.90	12.00	12.37	12.32	12.32	12.52	12.50	12.40	10.90	....
Eom	8.27	.69	6.45	12.30	12.05	12.46	12.30	12.56	12.60	12.50	11.98	8.06

375928N0843620.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.75	9.05	6.10	12.15	12.50	12.48	12.55	12.44	12.64	13.10	13.14	.....
10	11.75	11.56	6.14	12.39	12.57	12.48	12.55	12.50	12.70	13.16	13.35	13.33
15	9.30	11.54	6.40	12.50	12.65	12.34	12.42	12.52	12.75	13.20	13.30	13.35
20	11.50	11.23	7.70	12.56	12.48	12.40	11.90	12.48	12.80	13.22	13.27	13.26
25	12.31	11.16	10.30	12.58	12.50	12.50	12.17	12.58	12.98	13.24	13.32	13.24
Eom	12.48	8.35	11.72	.....	12.50	12.57	12.34	12.54	13.16	13.20	13.09	.....

Franklin County

381628N0845758.1. Local number (KPC) N-1, 794.4-282.8. Formerly 8455-3815-3. Alvin Rodgers. Bagdad. Dug unused water-table well in shale and limestone of Eden Formation of Late Ordovician age, diam 36 in, depth 22 ft. Lsd about 880 ft above msl. MP base of recorder shelter, 0.50 ft above lsd. Highest water level 7.33 below lsd, Mar. 30, 1960; lowest 19.75 below lsd, Nov. 20, 1953. Records available: 1953-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.25	13.37	10.52	.....	11.89	12.75	14.67	15.91	16.73	17.51	17.39	16.68
10	16.25	13.07	10.08	10.77	12.19	13.09	14.99	16.08	16.87	17.54	17.38	16.23
15	16.03	12.05	.....	10.90	12.03	13.37	15.14	16.32	16.98	17.47	17.40	15.05
20	15.25	11.31	10.09	10.92	12.25	13.73	15.38	16.45	17.13	17.45	17.42	14.21
25	13.99	11.01	.....	11.24	12.29	14.01	15.57	16.55	17.26	17.44	17.37	13.48
Eom	13.68	10.84	10.98	11.51	12.46	14.39	15.72	16.66	17.38	17.44	17.12	12.37

1960

5	11.48	9.92	8.86	7.50	10.46	11.81	11.73	13.20	14.16	15.32	16.63	17.08
10	11.21	8.88	9.11	8.05	10.65	12.13	.....	13.28	.....	15.54	16.75	17.08
15	10.60	9.19	9.36	8.81	11.03	12.36	12.05	13.41	14.52	15.78	16.85	17.06
20	10.18	9.31	8.46	9.41	11.41	12.53	12.40	13.56	14.64	16.01	16.92	17.06
25	10.32	9.21	7.64	9.91	11.60	12.27	12.73	13.66	14.84	16.24	16.98	17.05
Eom	10.62	8.92	7.36	10.25	11.66	12.19	13.00	13.92	15.06	16.45	17.02	16.99

1961

5	16.82	15.01	9.70	8.92	9.22	10.76	12.00	11.87	13.25	14.71	15.64	14.97
10	16.51	.....	8.96	9.26	7.84	10.94	12.23	11.97	13.58	14.87	15.69	14.68
15	16.08	14.48	9.13	8.87	8.20	11.15	12.30	11.96	13.87	15.06	15.67	14.07
20	15.49	13.84	9.28	8.76	8.80	11.20	12.11	12.17	14.06	15.24	15.47	13.20
25	15.26	12.63	8.70	8.46	9.27	11.46	12.10	12.47	14.33	15.35	15.24	12.62
Eom	15.09	11.52	8.79	8.62	10.21	11.76	.....	12.96	14.59	15.54	15.08	11.92

1962

5	12.22	11.18	8.96	8.31	11.02	11.96	12.24	.....	13.97	13.80	13.82	13.15
10	11.68	11.25	.....	8.35	11.40	11.90	12.17	.....	13.80	13.54	13.62	13.52
15	11.67	11.26	.....	8.17	.....	11.69	12.23	.....	13.70	13.51	13.48	13.90
20	11.74	11.28	.....	8.94	.....	11.87	12.31	14.05	13.16	13.54	13.15	14.20
25	10.72	.....	.....	9.80	.....	12.11	12.48	14.18	13.81	13.65	.....	14.07
Eom	10.53	8.61	.....	10.53	12.13	12.40	12.92	14.25	14.02	13.76	12.96	13.74

1963

5	13.65	14.28	12.00	9.32	12.13	12.68	14.04	14.10	15.18	16.15	17.13	17.80
10	13.75	14.23	11.07	9.88	12.30	12.75	14.10	14.28	15.30	16.32	17.25	17.88
15	13.78	13.95	10.59	10.84	12.52	12.96	14.10	14.50	15.50	16.48	17.36	17.97
20	13.94	13.80	8.97	11.34	12.53	13.18	14.04	14.77	15.67	16.64	17.50	18.05
25	.....	13.72	9.73	11.68	12.56	13.52	14.00	14.91	15.88	16.80	17.62	18.12
Eom	14.34	13.68	9.24	11.93	12.57	13.80	14.04	15.05	15.97	16.98	17.70	18.17

h Tape measurement.

Fulton County

363024N0885217.1. Local number (KPC) S-1, 082.65-78.2. Formerly 8850-3630-1. Fulton Water Works. Norman and Water Sts., Fulton. Drilled unused artesian well in sand of Eocene age (previously reported Grenada Formation), diam 8 in, depth 130 ft. Lsd 363.24 ft above msl. MP base of recorder shelter, 2.00 ft above lsd (since May 25, 1960). Highest water level 3.60 below lsd, Apr. 11, 1951; lowest 13.58 below lsd, Nov. 21, 1947. Records available: 1945, 1947, 1950-63.

363024N0885217.1--Continued.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.83	5.96	4.83	5.51	6.25	6.03	6.71	7.00	6.85	6.43	5.92	5.97
10	6.63	5.91	5.08	5.79	6.23	6.10	6.78	6.48	6.60	6.17	6.02	6.08
15	6.17	5.24	5.41	5.72	6.06	6.12	6.80	6.97	6.29	5.94	5.97	5.54
20	5.46	5.60	5.38	5.59	5.89	6.46	6.83	7.09	6.87	5.97	5.97	....
25	5.58	5.09	5.44	5.61	6.05	6.55	6.73	7.25	6.85	5.69	5.86	5.23
Eom	6.08	5.11	5.43	5.66	5.92	6.84	6.98	6.62	6.45	6.13	6.00	5.53

1960

5	h6.09	....	5.39	4.92	5.56	6.16	6.62	7.28	7.58	7.19	7.38	6.87
10	....	....	5.06	5.34	5.38	6.42	....	7.37	7.79	7.24	7.37	6.83
15	....	....	4.97	5.30	5.48	6.30	....	7.37	7.39	7.14	7.15	6.53
20	....	....	4.82	5.21	5.33	6.78	6.75	7.30	7.31	7.31	7.02	6.72
25	....	....	4.98	5.37	5.49	6.73	6.83	7.60	7.39	7.29	6.85	7.14
Eom	....	h5.87	4.76	5.48	5.85	6.70	7.11	7.66	7.11	6.92	7.04	6.87

1961

5	6.91	7.48	5.41	5.33	4.69	5.78	6.13	6.36	6.63	6.53	6.63	5.94
10	7.11	6.73	5.60	5.29	4.27	5.99	6.12	6.62	6.86	6.80	6.40	5.47
15	6.60	6.79	5.36	4.61	4.81	5.97	6.12	6.65	6.73	6.64	6.24	5.64
20	6.72	6.44	5.32	4.91	4.98	5.47	6.23	6.39	6.50	6.61	6.33	5.56
25	7.40	5.88	5.47	4.93	5.04	5.95	6.10	6.21	6.61	6.66	6.13	5.51
Eom	7.34	5.78	5.05	4.61	5.46	6.26	6.15	6.66	6.54	6.57	6.11	5.52

1962

5	5.32	4.82	4.05	3.98	4.08	5.42	5.78	6.12	6.12	5.76	5.59	5.51
10	5.77	5.02	4.22	4.00	4.43	5.60	5.99	6.62	6.06	6.02	5.60	5.68
15	5.60	4.94	4.39	3.87	4.97	5.53	5.93	6.69	5.91	5.73	5.59	5.92
20	5.23	4.98	4.34	3.95	5.03	5.62	5.96	6.67	5.86	5.47	5.62	6.02
25	4.64	4.33	3.94	....	5.28	5.71	6.23	6.51	5.73	5.72	5.74	5.93
Eom	4.76	4.13	4.02	4.22	5.42	5.88	6.18	5.29	5.61	5.52	5.63	5.77

1963

5	6.07	6.23	5.17	5.47	5.77	6.00	6.50	7.20	6.56	6.91	6.77	6.62
10	5.47	5.79	5.18	5.40	6.02	6.28	6.77	7.24	6.59	6.90	6.72	6.66
15	6.13	6.27	5.43	5.63	6.12	6.30	6.70	6.86	6.57	7.13	6.82	6.88
20	5.79	5.72	4.92	5.85	6.38	6.04	6.92	6.79	6.64	6.84	6.66	6.69
25	6.31	5.70	5.05	6.12	6.05	6.22	7.10	6.96	6.73	6.79	6.58	6.58
Eom	6.21	6.10	5.23	5.82	6.00	6.32	6.88	6.55	7.00	6.94	6.47	6.87

h Tape measurement.

Graves County

365210N0883913.1. Local number (KPC) S-1, 150.8-208.2. Formerly 8835-3650-17. J. Whittemore. Near Viola. Drilled unused artesian well in Eocene Series (previously reported Holly Springs Sand), diam 10 in, depth 106 ft, screened 83-105. Lsd 405.65 ft above msl. MP top of concrete flue block, 5.04 ft above lsd (since Aug. 31, 1961). Highest water level 13.62 below lsd, May 8, 1961; lowest 19.24 below lsd, Jan. 10, 1957. Records available: 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.12	16.38	15.14	16.06	16.57	16.48	17.08	17.54	17.75	17.65	17.43	17.30
10	17.78	16.74	15.67	16.31	16.56	16.44	17.27	17.62	....	17.60	17.27	17.46
15	17.25	16.03	15.98	16.26	16.84	16.57	17.40	17.64	....	17.45	....	17.04
20	17.17	16.11	15.89	16.18	16.68	16.69	17.48	17.69	....	17.42	17.17	16.70
25	16.43	15.56	16.08	16.33	16.86	16.87	17.49	17.73	17.70	17.23	17.26	16.65
Eom	16.69	15.51	16.06	16.37	16.74	16.96	17.42	17.55	17.66	17.60	17.53	16.72

1960

5	16.62	15.65	16.15	15.38	15.02	15.55	16.38	16.92	17.38	17.72	18.00	17.71
10	16.32	15.07	15.81	15.92	14.71	15.94	16.24	17.08	17.53	17.92	h18.14	17.60
15	16.12	16.05	15.73	15.63	15.08	15.98	16.57	17.23	17.59	17.85	17.58	17.34
20	16.09	16.18	15.48	15.62	15.33	16.28	16.72	17.15	17.65	17.97	17.87	17.33
25	15.93	15.57	15.32	h15.26	14.92	16.56	16.72	17.30	17.73	17.86	17.75	17.44
Eom	15.96	h16.23	15.12	15.18	15.36	16.38	16.88	17.41	17.64	17.70	18.03	17.26

1961

5	17.33	17.36	15.12	14.80	14.30	15.43	16.05	16.66	17.28	17.65	18.03	17.45
10	17.34	16.74	15.07	14.91	13.89	15.62	16.25	16.88	17.32	h17.73	17.67	17.19
15	16.79	16.73	14.58	14.17	14.11	15.84	16.25	h17.04	17.62	17.89	17.67	16.93
20	16.87	16.62	15.02	14.53	14.62	h15.14	16.37	16.97	17.37	17.74	17.92	16.64
25	17.35	15.22	15.22	h14.17	14.71	15.58	16.66	17.05	17.48	17.88	17.72	16.52
Eom	17.02	h15.42	14.66	14.44	15.27	15.83	16.71	17.05	17.52	17.67	17.58	16.39

h Tape measurement.

365210N0883913. 1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.25	15.49	14.47	14.39	15.24	16.18	16.62	17.24	17.44	16.97	16.92	16.82
10	16.82	h15.55	14.60	14.51	15.28	16.33	16.91	17.48	17.32	17.14	16.70	17.10
15	16.17	.....	14.93	14.44	15.72	16.34	16.85	17.48	17.22	17.02	16.59	16.76
20	16.00	.....	14.70	14.61	15.68	16.34	h17.04	17.56	17.13	16.73	16.55	17.04
25	15.27	15.20	14.47	14.78	h15.92	16.57	17.07	17.52	16.86	17.00	16.93	17.08
Eom	15.33	14.67	14.18	14.98	16.21	16.66	17.22	17.47	16.93	16.68	16.97	17.15

1963												
5	16.89	17.00	16.23	15.79	16.21	16.43	17.19	17.62	17.41	18.03	18.00	18.10
10	16.54	16.77	16.02	15.85	16.08	16.50	17.27	17.64	17.47	18.03	18.09	18.24
15	17.22	17.29	15.67	16.13	16.28	16.74	17.21	17.63	17.66	18.13	18.27	18.43
20	16.74	16.68	15.17	16.20	16.55	16.78	17.32	17.49	17.60	.....	18.07	18.15
25	17.13	16.87	15.24	16.49	16.60	17.15	.....	17.46	17.81	.....	18.12	18.04
Eom	17.05	16.90	15.59	16.42	16.59	17.15	17.49	17.53	17.96	.....	17.98	18.29

h Tape measurement.

Green County

371555N0853146. 1. Local number (KPC) S-2, 064.2-339.4. Paul Gardner. Greensburg. Drilled unused water-table well in limestone of Mississippian age, diam 6 in, dept 25 ft. Lsd about 630 ft above msl. MP base of recorder shelter, 3.50 ft above lsd. Highest water level 7.27 below lsd, Feb. 27, 1962; lowest 22.44 below lsd, Nov. 18, 1963. Records available: 1958-63. Recorder installed Oct. 24, 1958.

Water level at noon, from recorder graph, 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.00	17.41
10	17.73	17.80
15	18.05	18.02
20	18.02	.....
25	18.09	18.07	.....
Eom	17.83	.....	.....

1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	h18.00	.....	16.15	.....	18.09	17.95	18.07	e17.80	18.05	18.32	17.94	17.99
10	16.52	.....	18.09	18.00	18.07	h18.03	18.05	18.00	18.04	17.96
15	e16.60	.....	18.09	17.95	18.04	18.03	18.09	18.00	18.03	17.10
20	18.01	.....	17.85	e18.03	18.03	18.04	18.12	17.99	18.04	17.13
25	18.02	.....	17.33	.....	17.32	18.04	18.17	18.04	18.02	17.97
Eom	e18.00	18.08	18.01	18.07	e17.60	18.04	18.25	18.05	17.65	17.09

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.35	17.00	17.72	17.00	18.04	18.20	17.41	18.20	19.78	e19.57	e19.00	17.99
10	17.78	16.00	17.78	17.83	18.03	18.34	e17.60	18.40	20.02	e19.55	e18.50	18.01
15	15.13	17.18	17.55	17.98	18.04	18.24	e17.77	18.66	19.79	20.21	e18.10	17.90
20	17.53	16.58	16.07	18.02	18.07	17.94	e17.95	18.03	18.63	20.35	18.00	17.90
25	17.89	15.40	16.87	18.03	18.08	17.08	18.01	18.30	18.63	20.73	17.98	17.90
Eom	17.85	16.76	17.12	18.04	18.10	15.65	18.06	19.20	18.63	20.21	17.93	16.93

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.48	17.94	13.90	16.95	17.20	17.46	17.95	17.96	18.35	21.28	20.47	18.80
10	17.87	16.82	16.11	15.75	14.30	15.01	18.00	18.03	19.51	21.40	20.72	19.86
15	17.35	17.07	.....	16.66	17.20	12.40	15.50	18.25	20.62	21.23	20.54	17.81
20	15.91	17.22	17.79	17.32	17.18	16.78	17.20	19.05	20.94	21.39	20.54	15.54
25	17.83	12.50	16.85	17.59	17.33	17.27	17.89	17.94	21.17	21.55	e19.12	17.76
Eom	17.94	11.28	15.50	17.51	17.48	17.42	17.93	19.10	21.26	21.37	20.65	17.74

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.70	17.65	11.99	17.08	17.75	17.99	20.31	20.90	20.13	18.90	21.64	19.75
10	17.02	14.80	11.68	16.57	17.77	19.37	19.18	21.04	20.30	20.19	17.55	20.29
15	16.11	17.32	11.93	16.20	17.89	17.93	20.04	21.30	20.25	20.66	18.10	20.21
20	17.64	17.07	17.50	17.49	18.19	18.84	20.37	21.50	20.85	21.00	17.95	20.75
25	15.18	10.44	17.00	17.08	18.87	19.22	20.61	21.64	21.00	21.17	18.27	17.85
Eom	16.95	11.45	12.00	17.68	19.37	19.27	20.66	21.61	21.27	21.47	18.94	17.85

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.88	17.84	10.75	18.00	20.76	20.31	21.40	20.98	21.56	22.08	22.42	21.38
10	17.95	18.06	12.32	18.07	20.98	20.99	18.90	19.08	21.65	22.07	22.18	20.98
15	18.05	17.68	16.98	18.21	20.84	20.97	18.90	20.18	21.77	22.12	22.38	21.03
20	18.55	17.25	16.88	19.65	20.75	20.92	e19.40	20.88	21.86	22.18	22.16	21.54
25	20.18	17.63	17.65	20.67	20.00	21.06	e20.00	21.39	21.96	22.25	20.96	21.85
Eom	20.65	17.77	17.85	20.65	20.69	20.76	20.55	21.42	22.03	22.35	20.70	21.25

e Estimated.

h Tape measurement.

Greenup County

383210N0824146.1. Local number (KPC) N-2, 444.5-381.2. City of Russell. Drilled unused water-table well in sand and gravel, diam 6 in, depth 70 ft, cased to 56. Lsd about 544 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 20.13 below lsd, Mar. 23, 1963; lowest 33.85 below lsd, Feb. 1, 1961. Records available: 1961-63. Reorder installed Feb. 1, 1961; removed Oct. 2, 1963. Measurement discontinued.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.82	27.58	26.94	25.32	27.59	28.37	.....	28.51	28.00	.....	28.25
10	33.62	27.09	27.75	.....	27.39	28.44	28.66	28.59	28.12	.....	28.11
15	33.00	26.93	25.91	25.22	26.89	28.53	28.73	28.74	28.13	28.22	28.13
20	32.18	27.78	25.44	26.75	27.64	28.05	28.45	28.73	28.09	28.35	26.43
25	30.47	27.21	25.52	27.20	27.96	28.38	28.37	28.90	.....	28.05	27.80
Eom	28.04	27.48	24.06	27.76	28.20	28.43	28.37	28.13	.....	28.18	27.93

1962

5	27.97	27.25	22.95	24.13	24.83	25.16	25.34	.....	25.75	25.92	26.17	27.00
10	27.37	27.55	25.01	23.30	24.99	25.25	25.42	.....	25.59	26.00	26.08	27.14
15	27.76	27.43	23.51	23.00	25.10	25.20	25.37	.....	25.77	25.93	25.96	26.90
20	27.87	27.64	23.75	24.32	25.14	25.15	25.49	25.50	25.87	25.90	.....	27.14
25	26.41	26.74	22.61	24.56	25.40	25.30	25.29	25.46	25.78	25.87	.....	26.82
Eom	27.11	22.30	24.31	24.80	25.50	25.44	.....	25.16	25.62	25.85	26.85	26.78

1963

5	27.05	26.80	26.56	22.47	24.00	25.23	25.95	26.67	26.79	.....	.....	.....
10	27.03	27.06	22.95	22.85	24.18	25.27	26.15	26.65	26.90	.....	.....	.....
15	26.80	27.23	22.53	22.94	24.50	25.50	26.13	26.70	26.93	.....	.....	.....
20	26.90	27.06	21.23	23.30	24.75	25.55	26.08	26.60	26.83	.....	.....	.....
25	27.15	27.14	20.34	23.38	24.80	25.75	26.38	26.60	26.86	.....	.....	.....
Eom	27.38	27.17	21.72	23.90	25.14	25.90	26.35	26.74	27.10	.....	.....	.....

h Tape measurement.

Harlan County

365157N0831921.1. Local number (KPC) S-2, 710.1-203.0. Formerly 8315-3650-2. J. D. White. Harlan. Drilled unused water-table well in Hance Formation of Pennsylvanian age, diam 6 in, depth 101 ft, cased to 22. Lsd about 1,280 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 18.80 below lsd, Apr. 15, 1962; lowest 32.29 below lsd, Oct. 17, 1951. Records available: 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	28.47	26.89	25.57	23.90	24.62	25.52	26.22	27.55	28.27	29.00	28.53
10	29.94	.....	.....	25.23	24.17	24.75	25.71	26.71	27.66	28.45	29.10	28.60
15	29.39	.....	.....	24.70	24.48	24.90	25.99	26.88	27.59	28.60	29.25	28.16
20	29.45	.....	.....	24.11	25.65	25.02	26.08	27.01	27.98	28.75	29.25	27.90
25	28.90	.....	.....	23.95	25.72	25.24	26.28	27.15	27.92	28.55	29.03	27.50
Eom	.....	.....	.....	23.70	24.73	25.36	26.38	27.16	27.90	28.95	29.00	27.10

1960

5	26.62	24.77	23.71	22.05	23.75	24.77	25.12	25.08	25.74	26.34	27.05	27.22
10	25.90	24.30	23.19	22.55	23.57	25.17	25.10	25.23	25.92	26.67	27.22	27.08
15	25.05	.....	.....	22.51	24.16	25.11	24.46	.....	26.05	26.67	27.05	26.70
20	25.29	.....	21.96	22.86	24.48	25.38	24.54	25.36	26.04	26.73	27.25	26.77
25	25.18	23.41	22.08	22.88	24.52	25.47	24.57	25.63	26.29	26.97	27.16	27.03
Eom	24.93	23.98	22.00	23.28	24.75	25.44	24.80	25.72	26.22	26.57	27.23	26.29

1961

5	26.02	25.32	21.71	.....	20.26	23.28	.....	25.62	26.35	27.43	28.34	28.96
10	.....	24.74	21.49	21.27	20.79	23.47	25.34	25.95	26.57	27.43	28.35	29.04
15	25.29	24.81	21.07	20.03	21.38	23.77	25.50	26.04	26.87	27.67	28.54	29.10
20	25.24	24.83	21.12	20.02	22.17	24.01	25.50	25.85	26.81	27.57	28.72	28.67
25	25.53	22.85	21.56	20.15	22.47	24.47	25.62	26.06	26.99	.....	28.90	28.57
Eom	25.16	22.53	21.27	21.17	23.07	24.80	25.69	26.24	27.23	27.97	28.95	28.28

1962

5	27.98	24.74	21.23	21.20	21.55	23.52	24.79	26.17	27.19	28.17	29.20	29.42
10	28.21	24.85	21.19	20.72	22.00	23.96	25.17	26.37	27.41	28.43	29.25	29.68
15	27.53	24.30	20.65	19.01	22.67	24.04	25.32	26.48	27.58	28.54	29.20	29.55
20	27.57	24.43	20.70	19.46	22.73	24.13	25.67	26.60	27.82	28.56	.....	29.68
25	26.50	24.07	.....	20.12	23.02	24.53	25.76	26.85	27.80	28.77	.....	29.58
Eom	25.61	22.70	20.75	20.78	23.40	24.72	26.03	27.07	28.17	28.76	29.52	29.59

365157N0831921.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.44	28.74	27.30	22.30	24.50	24.27	24.42	24.45	25.05	26.35	27.18	28.26
10	29.32	28.50	26.70	22.49	24.58	23.95	24.25	24.38	25.27	26.47	27.50	28.43
15	29.40	28.60	25.40	23.12	24.98	24.13	24.18	24.60	25.60	26.60	27.92	28.65
20	.....	28.15	22.85	23.44	24.54	24.16	24.10	24.65	25.52	26.69	27.85	28.55
25	29.15	27.80	22.35	23.48	24.62	24.47	24.49	24.68	25.89	26.37	27.95	28.60
Eom	29.04	27.76	22.15	24.09	24.44	24.47	24.34	25.00	26.09	27.15	27.92	28.84

Henderson County

374933N0872139.1. Local number (KPC) S-1, 534.8-547.4. Formerly 8720-3745-34.

Isidore Varble. Spottsville. Driven unused water-table well in alluvium of Pleistocene and Recent age, diam 1½ in, depth 37 ft, perforated 35-57. Lsd about 380 ft above msl. N*P top of drive pipe, 1.92 ft above lsd. Highest water level 14.39 below lsd, Mar. 31, 1952; lowest 23.23 below lsd, Dec. 30, 1954. Records available: 1951-61. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1959	21.07	Nov. 23, 1959	20.62	Aug. 29, 1960	21.05	July 12, 1961	19.48
Apr. 1	20.16	Jan. 2, 1960	20.76	Sept. 28	21.26	Aug. 11	18.12
May 1	20.54	Feb. 12	20.72	Nov. 1	22.00	Sept. 12	20.47
28	20.27	Mar. 19	19.78	Dec. 1	21.92	Oct. 2	20.67
July 21	20.81	May 2	20.19	31	21.68	31	20.86
Aug. 26	20.66	June 2	20.87	Apr. 5, 1961	18.45	Dec. 1	21.06
Sept. 18	20.86	28	20.96	May 1	18.17	30	17.87
Oct. 26	21.02	July 25	21.02	June 13	17.03		

375135N0872430.1. Local number (KPC) S-1, 521.2-559.9. Formerly 8720-3750-160.

U. S. Army Engineer District, Louisville. Near Spottsville. Drilled unused water-table well in alluvium of Pleistocene and Recent age, diam 16 in, depth 57 ft, cased to 45. Lsd about 372 ft above msl. MP base of recorder shelter, 3.40 ft above lsd. Highest water level 6.65 below lsd, Mar. 9, 1962; lowest 18.31 below lsd, Jan. 30, 1961. Records available: 1958-62. Recorder removed and measurement discontinued, July 26, 1962.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.96	.....	.....	15.92	16.13	16.02	.....	16.84	17.11	17.38	17.52	17.39
10	17.87	.....	.....	15.95	16.02	16.11	.....	16.70	17.27	17.35	17.42	17.49
15	17.66	.....	.....	15.71	16.31	16.26	.....	16.81	17.13	17.41	17.49	17.17
20	17.35	.....	.....	15.59	15.98	16.38	16.80	.....	17.23	17.46	17.47	16.70
25	15.05	.....	.....	15.95	15.77	16.43	16.84	17.05	17.23	.....	17.64	16.86
Eom	13.92	.....	.....	16.05	15.88	16.52	16.79	17.00	17.32	.....	17.39	.....

1960

5	h17.04	16.43	16.50	16.02	16.28	.....	16.59	17.04	17.33	17.57	17.99	17.95
10	16.80	16.08	16.55	15.22	16.30	.....	16.71	17.07	17.42	17.72	17.98	17.91
15	16.85	15.29	16.34	14.17	16.37	.....	16.68	17.12	17.47	17.77	17.74	17.79
20	16.38	16.11	16.27	15.43	16.29	.....	16.82	17.15	17.50	17.80	17.87	17.79
25	16.32	15.95	16.31	15.87	16.40	.....	16.89	17.28	17.57	17.80	17.86	17.97
Eom	16.72	16.58	16.34	16.11	16.48	16.52	17.04	17.29	17.65	.....	18.09	.....

1961

5	17.90	.....	13.90	14.80	14.12	.....	15.35	15.94	16.31	16.74	17.08	17.10
10	17.99	.....	10.80	15.19	10.95	14.83	15.50	15.96	16.32	16.80	16.94	16.95
15	18.07	18.09	13.23	14.77	8.57	14.77	15.57	16.04	16.59	16.80	16.74	16.85
20	17.76	17.95	14.60	14.42	9.90	13.93	15.59	16.05	16.49	16.88	17.13	16.82
25	18.15	17.33	.....	13.98	13.25	14.65	15.70	16.16	16.68	17.00	17.01	16.40
Eom	18.24	16.86	.....	14.16	14.33	15.14	15.87	16.19	16.78	16.89	17.02	16.80

1962

5	16.75	16.08	9.20	12.96	14.40	15.24	15.65	.....	.....	.....	.....	.....
10	16.97	16.32	6.95	13.15	14.58	15.38	15.75	.....	.....	.....	.....	.....
15	16.18	15.98	10.70	13.14	14.85	15.38	.....	.....	.....	.....	.....	.....
20	16.69	16.25	11.30	12.78	14.80	15.45	.....	.....	.....	.....	.....	.....
25	16.01	16.10	11.37	13.54	14.96	15.53	.....	.....	.....	.....	.....	.....
Eom	15.50	14.95	12.14	14.13	15.22	15.61	h16.38	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

374704N0873406.1. Local number (KPC) S-1, 474.5-532.1. Formerly 8730-3745-221.

R. R. Roberts. Henderson. Drilled unused artesian well in Anvil Rock Sandstone Member of Lisman Formation of Late Pennsylvanian age, diam 5 in, depth 106 ft, cased to 20. Lsd 433 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 30.41 below lsd, May 4, 1951; lowest 38.55 below lsd, Jan. 31, 1956. Records available: 1949-61. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1959	34.68	Oct. 26, 1959	34.16	July 25, 1960	33.12	June 7, 1961	32.96
Feb. 28	34.12	Nov. 23	34.27	Aug. 26	33.61	July 1	33.22
Mar. 30	33.64	Jan. 4, 1960	34.13	Sept. 27	33.85	Aug. 11	33.25
Apr. 29	33.72	Feb. 11	33.39	Nov. 1	33.87	Sept. 5	33.85
May 26	33.80	Mar. 9	32.07	29	33.94	Oct. 5	34.93
July 14	33.63	Apr. 27	32.83	Dec. 30	34.94	Nov. 1	33.90
Aug. 26	33.52	June 2	32.95	Apr. 4, 1961	33.55	28	34.57
Sept. 18	34.05	22	33.03	May 2	33.15	Dec. 29	32.13

375200N0873429.1. Local number (KPC) S-1, 473.2-563.3. Formerly 873C-3750-143.

Audie Wilson. Henderson. Drilled unused artesian well in sandstone and shale of Carbondale Formation of Middle Pennsylvanian age, diam 6 in, depth 109 ft, cased to 57. Lsd about 385 ft above msl. MP floor of recorder shelter, 0.69 ft above lsd. Highest water level 27.12 below lsd, Mar. 7, 1950; lowest 43.83 below lsd, Dec. 28, 1954. Records available: 1949-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	39.00	.....	.....	37.55	37.73	36.09	37.78	38.59	39.22	39.67	40.06	40.09
10	39.06	.....	.....	37.66	37.26	35.75	37.91	38.70	39.32	39.77	40.06	40.05
15	39.13	.....	.....	37.72	37.02	35.98	38.04	38.82	39.38	39.87	40.10	39.93
20	39.12	.....	.....	37.74	36.57	36.39	38.17	.....	39.47	39.87	40.08	39.76
25	38.94	.....	37.60	37.73	36.11	36.78	38.31	.....	39.56	.....	40.14	39.64
Eom	38.71	h38.12	.....	37.79	35.66	37.56	38.49	39.14	39.63	.....	40.14	39.51

1960

5	39.31	38.50	37.76	37.02	36.61	.....	38.26	38.82	.....	.....	.....	.....
10	39.16	38.38	37.67	36.23	36.75	.....	38.26	38.94	.....	.....	.....	.....
15	39.10	38.26	37.65	35.48	36.93	.....	38.33	.....	.....	.....	.....	.....
20	38.91	38.18	37.71	35.69	37.09	.....	38.44	.....	.....	.....	.....	.....
25	38.77	38.05	.....	35.96	37.25	38.12	38.51	.....	.....	.....	.....	.....
Eom	38.65	37.94	.....	.....	37.41	38.18	38.66	.....	.....	.....	.....	h42.06

1961

5	.....	.....	.....	.....	.....	.....	.....	.....	36.08	37.22	38.08	38.59
10	.....	.....	.....	.....	.....	.....	.....	34.99	36.28	37.37	38.18	38.65
15	.....	.....	.....	.....	.....	.....	.....	35.30	36.49	37.53	38.32	38.64
20	.....	.....	.....	.....	.....	.....	.....	35.42	36.65	37.67	38.40	38.61
25	.....	.....	.....	.....	.....	.....	.....	35.63	36.89	37.87	38.47	38.52
Eom	.....	.....	.....	.....	.....	.....	.....	35.88	37.04	38.07	38.51	38.45

1962

5	38.35	37.81	36.92	32.15	31.59	33.95	35.58	36.86	37.85	38.53	39.11	39.33
10	38.35	37.60	36.47	31.86	31.90	34.26	35.81	37.01	37.98	38.64	39.20	39.39
15	38.29	37.36	35.45	31.66	32.30	34.56	36.00	37.19	38.11	38.72	39.25	39.43
20	38.22	37.31	34.10	31.46	32.90	34.82	36.24	37.35	38.23	38.87	39.27	39.52
25	38.11	37.23	33.25	31.33	33.10	35.10	36.42	37.50	38.33	38.87	39.31	39.54
Eom	37.95	37.23	32.50	31.33	33.58	35.36	36.65	37.70	38.43	39.03	39.29	39.55

1963

5	39.55	39.63	39.81	34.28	33.97	35.83	37.10	38.14	39.01	39.67	40.25	40.62
10	39.53	39.65	39.67	33.33	34.31	36.03	37.37	38.28	39.14	39.77	40.31	40.72
15	39.54	39.70	39.35	32.96	34.65	36.30	37.55	38.42	39.26	39.87	40.38	40.80
20	39.53	39.71	38.80	32.98	34.95	36.52	37.63	38.57	39.36	39.93	40.45	.....
25	e39.55	39.77	37.65	32.26	33.24	36.73	37.81	38.70	39.49	40.05	40.56	.....
Eom	39.56	39.80	35.83	33.61	35.59	36.93	37.98	38.90	39.59	40.17	40.60	40.95

e Estimated.

h Tape measurement.

Hopkins County

372428N0873729.1. Local number (KPC) S-1, 455.3-396.5. Formerly 8735-3720-11.

R. K. Brooks. Nebo. Drilled unused artesian well in Lisman Formation of Late Pennsylvanian age, diam 6 in, depth 50 ft, cased to 9. Lsd about 425 ft above msl. MP floor of recorder shelter, 2.00 ft above lsd. Highest water level 1.06 below lsd, May 18, 1953; lowest 16.48 below lsd, Dec. 26, 1952. Records available: 1952-63.

372428N0873729. 1--Continued.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.63	5.79	....	5.94	7.19	7.31	....	7.67	4.92	6.72	4.01	4.28
10	9.57	5.91	....	6.19	7.44	....	....	4.24	5.50	....	....	4.27
15	8.56	3.33	....	6.44	7.50	....	....	5.20	5.76	....	....	2.46
20	2.55	4.99	....	6.68	7.44	....	....	....	6.19	....	....	....
25	....	6.01	....	6.84	....	....	7.66	....	6.37	....	4.32	....
Eom	5.56	6.13	h5.87	7.01	6.97	....	7.66	5.38	6.53	4.24	4.16	....

1960

5	2.41	....	....	4.22	5.55	6.62	8.37	e9.26	10.00	10.37	....	....
10	2.76	....	....	4.28	5.67	....	8.48	9.41	10.09	....	....	....
15	1.75	2.97	....	4.57	6.01	....	8.63	....	....	....	....	....
20	2.45	3.32	....	4.82	6.02	....	8.76	....	....	....	....	....
25	3.57	2.96	3.63	....	....	....	h8.92	9.77	....	....	....	....
Eom	....	2.21	4.06	....	....	....	8.33	9.08	10.33	....	....	h10.24

1961

5	10.21	....	....	4.00	4.53	....	....	9.20	9.94	10.25	10.24	10.16
10	10.20	....	....	4.02	2.28	....	....	9.38	9.96	10.26	10.25	10.08
15	10.18	....	....	3.47	4.01	....	8.74	....	10.07	10.31	10.26	9.84
20	10.15	7.67	....	....	4.47	....	8.83	9.58	10.10	10.26	10.25	8.44
25	10.22	5.44	....	3.71	5.10	....	8.95	9.66	10.25	10.26	10.21	8.04
Eom	10.21	3.97	....	....	5.96	....	9.10	10.10	10.27	10.19	10.24	4.84

1962

5	4.76	3.93	2.73	2.93	3.30	7.04	8.90	10.26	10.31	10.28	10.25	9.93
10	4.26	3.17	2.57	2.95	3.86	7.52	9.17	10.33	10.31	10.29	10.15	9.95
15	3.48	3.62	3.05	2.27	4.44	7.78	9.37	10.43	10.30	10.29	10.06	9.92
20	3.12	3.12	1.18	2.88	5.45	8.14	9.66	10.40	10.31	10.28	9.99	9.95
25	3.80	2.55	3.02	3.75	6.00	8.45	9.83	10.37	10.30	10.26	10.14	9.39
Eom	3.80	1.60	1.45	4.11	6.70	8.74	10.13	10.35	10.26	10.25	10.30	8.10

1963

5	7.96	7.93	....	e3.37	5.14	e6.20	7.55	8.82	9.76	10.26	10.18	10.26
10	7.21	7.87	....	e4.00	5.63	e6.41	7.78	9.00	9.90	10.20	10.23	10.29
15	7.20	8.23	....	e4.75	5.24	e6.64	7.94	9.22	9.07	10.20	10.17	10.28
20	7.40	7.97	....	e5.30	5.36	e6.85	8.09	9.83	10.10	10.24	10.18	10.34
25	e7.70	8.10	e3.00	5.62	5.83	7.07	8.42	9.47	10.13	10.24	10.24	10.33
Eom	7.77	8.13	e2.74	5.36	5.97	7.35	8.56	9.61	10.18	10.24	10.21	10.42

e Estimated.

h Tape measurement.

Jefferson County

380606N0855313. 1. Local number (KPC)N-1, 528.9-223.3. Formerly 53-6-1. Rubber Reserve Co. Bethany Lane, east of Lower River Rd. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 92 ft, screened 88-90. Lsd 433.89 ft above msl. MP top of coupling, 0.93 ft above lsd. Highest water level 23.96 below lsd, May 4, 1951; lowest 40.87 below lsd, Feb. 19, 1961. Records available: 1945-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	35.34	34.95	35.09	35.50	36.59	37.49	38.01	38.43	....	38.97
10	35.47	34.98	35.20	35.63	36.78	37.57	38.09	38.50	....	38.99
15	35.53	34.90	35.34	35.80	37.02	37.64	38.12	38.58	....	38.91
20	35.07	34.91	35.34	35.97	37.25	37.74	38.21	38.63	....	38.89
25	34.90	35.31	36.19	37.38	37.83	38.27	38.69	....	38.80
Eom	h37.26	35.78	34.95	....	35.40	36.36	37.41	37.94	38.35	....	38.93	38.88

1960

5	38.68	38.02	37.81	37.40	37.10	37.60	38.22	38.83	39.48	39.88	40.16	40.35
10	38.48	37.68	37.44	37.54	37.10	37.72	38.15	38.97	39.61	39.97	40.22	40.36
15	38.20	38.01	37.42	37.23	37.21	37.91	38.30	39.09	39.70	39.98	40.19	40.36
20	38.55	38.07	37.49	37.09	37.31	37.96	38.35	39.17	39.74	k40.01	40.26	40.35
25	38.24	37.27	37.34	37.07	37.44	38.13	38.45	39.28	39.79	k40.04	40.30	40.43
Eom	38.20	37.85	....	37.04	37.55	38.14	38.70	39.38	39.84	40.09	40.37	40.42

1961

5	40.46	40.62	40.42	38.68	37.35	36.06	36.28	36.64	36.77	37.54	38.01	38.12
10	40.52	40.59	40.43	38.42	37.19	36.07	36.46	36.63	36.90	37.61	38.02	38.08
15	40.51	40.68	39.94	38.05	36.74	36.10	36.62	36.63	37.10	37.70	38.11	38.15
20	40.58	40.83	39.76	37.93	36.66	35.99	36.72	36.62	37.16	37.75	38.18	38.24
25	40.61	40.59	39.55	37.52	36.27	36.05	36.76	36.60	37.30	37.83	38.09	38.03
Eom	40.53	40.66	38.71	37.41	36.12	36.14	36.67	36.66	37.43	37.89	38.04	37.75

h Tape measurement.

k Interpolation.

380606N0855313.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	37.53	36.68	36.00	34.44	33.70	34.46	35.36	36.30	37.19	37.11	37.31	37.29
10	37.64	36.76	36.05	34.47	33.67	34.64	35.53	36.48	37.29	37.09	37.28	37.38
15	37.40	36.45	35.91	34.12	33.81	34.19	35.64	36.50	37.35	37.12	37.38	37.36
20	37.44	36.60	35.42	34.04	33.88	34.96	35.81	36.59	37.36	37.18	37.36	37.49
25	37.11	36.50	35.16	33.80	34.15	35.16	35.95	36.78	37.24	37.25	37.38	37.40
Eom	37.02	36.37	34.71	33.72	34.35	35.24	36.14	37.02	37.20	37.24	37.26	37.42

1963												
5	37.47	37.83	37.41	36.30	35.28	36.04	36.88	37.60	38.09	38.68	39.24	39.32
10	37.50	37.91	37.66	35.93	35.37	37.10	37.04	37.70	38.18	38.77	39.27	39.32
15	37.62	37.76	37.46	35.51	35.52	37.28	37.16	37.80	38.30	38.88	39.32	39.37
20	37.57	.....	37.20	35.31	35.64	37.34	37.22	37.83	38.38	38.98	39.28	39.42
25	37.65	37.64	36.99	35.34	35.74	37.49	37.39	37.94	38.48	39.08	39.29	39.45
Eom	37.74	37.62	36.67	35.27	35.91	37.67	37.48	38.04	38.63	39.18	39.30	39.49

k Interpolation.

380852N0855159.1. Local number (KPC) N-1, 535.1-240.0. Formerly 51-8-1. Ethel Walker. North of Greenwood School. Dug and driven unused water-table well in glacial sand and gravel, diam 36 in, reported depth 50 ft, shored. Lsd 456.75 ft above msl. M'P top of concrete base, 0.30 ft above lsd. Highest water level 39.54 below lsd, Aug. 14, 1951; lowest 47.48 below lsd, Jan. 24, 1956. Records available: 1943-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 10, 1959	45.93	Sept. 26, 1960	46.05	Mar. 12, 1962	44.85	Apr. 26, 1963	45.15
May 13	45.86	Jan. 4, 1961	46.40	May 18	44.39	May 24	45.13
July 21	45.85	Mar. 27	46.73	July 18	44.03	June 21	45.07
Oct. 19	46.02	June 13	45.79	Aug. 27	43.77	July 22	45.00
Dec. 14	46.25	Aug. 1	45.25	Nov. 13	44.25	Sept. 23	45.08
Feb. 19, 1960	46.50	Oct. 9	44.77	Jan. 9, 1963	44.52	Oct. 24	45.16
May 11	46.32	Nov. 21	44.77	Mar. 25	45.00	Nov. 26	45.25
July 8	46.19	Jan. 18, 1962	44.96				

381638N0854158.1. Local number (KPC) N-1, 583.9-286.3. Formerly 41-16-3. Louisville Water Co. River Rd. and Zorn Ave. Drilled observation water-table well in glacial sand and gravel, diam 4 in, depth 104 ft, screened 98-100. Lsd 435.79 ft above msl. M'P top of coupling, 0.91 ft above lsd. Highest water level 1.21 above lsd, Apr. 23, 1948; lowest 19.61 below lsd, Feb. 13, 1948. Records available: 1946-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.74	12.57	14.77	15.69	15.90	16.38	16.48	16.44	16.53	16.55	16.40	16.25
10	16.79	13.94	15.18	15.57	15.84	16.40	16.41	16.50	16.55	16.39	16.36	16.31
15	16.64	13.99	15.16	15.52	16.07	16.40	16.50	16.58	16.60	16.50	16.37	16.12
20	16.47	11.76	15.21	15.39	16.04	16.46	16.60	16.51	16.64	16.49	16.41	15.84
25	9.73	13.65	15.41	15.73	16.10	.....	16.55	16.55	16.64	16.59	16.33	15.85
Eom	7.54	14.25	15.69	15.89	16.20	16.41	16.49	16.51	16.58	16.49	16.36	16.13

1960												
5	16.10	15.99	16.06	14.75	.....	16.06	15.23	16.27	.....	.....	16.35
10	15.84	15.67	15.67	13.65	.....	16.13	15.31	16.22	.....	.....	16.36
15	15.83	15.23	15.56	14.48	.....	16.11	15.52	16.26	.....	.....	16.47
20	.....	14.94	15.66	15.19	.....	16.20	15.59	16.29	.....	.....	16.52
25	.....	15.36	.....	15.61	.....	15.82	15.89	16.37	.....	h16.34	16.76
Eom	15.89	15.54	15.69	15.72	15.68	16.13	16.47	h16.51	h16.36	16.34	16.54

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	1961											
5	16.32	16.95	12.11	13.94	13.82	14.80	15.46	15.71	15.92	16.05	16.11	15.80
10	16.24	16.94	8.38	14.32	h8.64	14.92	15.50	15.69	16.06	16.05	16.14	15.69
15	16.32	.....	8.24	14.37	h5.13	14.92	15.66	15.74	16.18	16.09	16.14	15.58
20	16.28	.....	12.33	13.70	8.00	14.87	.....	15.82	16.17	16.10	15.96	15.54
25	16.62	16.64	.....	13.77	8.00	h15.64	15.87	16.16	16.11	15.82	15.32	
Eom	16.87	.....	13.53	13.56	14.47	15.21	15.64	15.88	16.19	16.11	15.85	15.59

1962												
5	15.59	14.81	.....	13.44	15.26	15.72	16.14	16.60	16.88	16.51	16.61	16.54
10	15.59	15.28	.....	13.77	15.42	15.81	16.17	16.70	16.91	16.59	16.61	16.59
15	15.57	15.23	.....	13.75	15.57	15.79	16.33	16.78	16.93	.....	16.61	16.94
20	15.57	15.35	h12.82	13.85	15.52	16.00	16.13	16.82	16.94	.....	.....	16.95
25	15.17	15.12	12.99	14.40	15.59	16.14	16.34	16.89	16.88	h16.63	.....	16.69
Eom	14.62	h11.55	13.44	14.83	15.52	16.25	16.53	16.90	16.83	16.65	16.24	16.51

h Tape measurement.

381638N0854158.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.51	17.84	15.46	10.34	15.65	15.76	15.69	15.54	15.66	16.08	16.04	16.03
10	16.72	17.23	h11.15	12.87	15.76	15.75	15.63	15.64	15.94	16.08	16.05	16.05
15	16.77	17.13	.....	14.21	15.82	15.95	15.60	15.62	15.94	16.09	16.16	16.02
20	16.59	16.95	.....	14.89	15.80	15.95	15.59	15.63	15.93	16.14	16.05	15.94
25	17.10	16.82	h1.37	15.16	15.68	15.79	15.46	15.67	16.00	16.14	.....	16.26
Eom	17.69	16.90	5.97	15.46	15.75	15.74	15.46	15.73	16.06	16.04	16.13	16.15

h Tape measurement.

381503N0854533.1. Local number (KPC) N-1, 566.6-277.0. Formerly 45-15-36. Kentucky Hotel. 5th and Walnut Sts., Louisville. Drilled unused water-table well in glacial sand and gravel, diam 10 in, depth 104 ft, screened 84-104. Lsd 460.00 ft above msl. MP top of recorder floor, 22.86 ft below lsd. Highest water level 68.20 below lsd, Mar. 28, 1963; lowest 87.74 below lsd, Sept. 23, 1955. Records available: 1948-63. Well is in sub-basement.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	75.80	74.37	73.62	73.61	76.16	79.20	80.96	82.84	84.08	83.42	80.49	77.75
10	75.62	74.25	73.54	74.00	77.14	79.45	81.46	83.19	83.99	83.48	79.77	77.46
15	75.29	74.23	73.61	73.70	77.22	79.54	81.63	83.48	83.83	82.77	79.33	77.20
20	75.08	73.97	73.41	.....	77.00	80.01	81.71	83.53	83.42	82.13	78.80	77.01
25	75.03	73.80	.....	.....	77.76	80.35	82.12	83.64	83.66	81.94	78.47	76.76
Eom	74.67	73.89	73.51	75.27	78.59	80.86	82.44	83.77	83.51	80.87	78.06	76.56

1960

5	76.34	72.94	73.95	74.05	77.22	78.74	81.59	84.61	85.98	84.67	80.42	77.91
10	76.10	74.72	73.83	73.98	76.56	79.62	82.16	84.99	86.34	84.25	79.81	77.57
15	76.00	74.67	73.68	k74.11	75.97	79.81	.....	85.00	85.18	84.65	79.33	77.14
20	75.76	74.60	73.55	.....	76.82	79.75	.....	85.38	85.89	83.06	79.10	76.72
25	75.47	.....	73.43	.....	77.07	81.17	.....	85.53	86.02	81.87	78.67	76.42
Eom	75.24	74.16	73.89	.....	77.09	81.62	84.37	85.87	86.06	81.04	78.40	76.24

1961

5	75.75	74.68	74.09	73.19	.....	77.08	78.39	80.60	80.85	79.27	76.60	74.20
10	75.54	74.46	74.06	73.11	.....	77.53	.....	80.71	81.26	79.07	75.71	73.81
15	75.39	74.40	73.82	72.92	.....	78.13	78.06	80.56	81.38	78.85	75.85	73.49
20	75.27	74.38	73.67	72.89	.....	78.05	k78.40	80.99	80.76	78.06	75.17	73.21
25	75.11	74.21	73.52	73.29	76.42	78.22	k78.28	81.22	80.93	77.12	74.68	73.00
Eom	74.80	k74.18	73.34	73.43	75.60	78.46	k80.20	81.42	81.16	77.18	74.31	72.70

1962

5	72.49	71.28	70.52	69.83	73.48	76.28	77.86	79.02	79.99	77.32	74.69	72.42
10	72.34	71.27	70.40	69.81	73.80	.....	78.23	79.45	79.09	77.36	74.14	72.11
15	72.10	71.04	.....	69.71	74.01	.....	78.69	79.88	80.21	77.64	73.74	71.80
20	71.88	70.94	.....	69.64	.....	.....	78.79	80.64	79.71	.....	73.36	71.64
25	71.76	70.82	.....	70.01	75.61	.....	79.58	80.11	78.61	.....	73.03	71.31
Eom	71.45	70.81	69.93	72.31	.....	77.82	79.10	80.81	78.03	75.41	72.62	71.02

1963

5	70.79	69.77	68.95	70.84	71.04	.....	75.71	76.92	77.33	75.66	73.80	71.31
10	70.57	69.63	68.83	71.13	71.96	.....	75.14	77.28	77.43	76.48	73.22	71.01
15	70.46	69.53	68.71	.....	71.97	.....	k74.52	77.43	77.06	76.41	72.76	70.73
20	70.26	69.34	68.73	.....	72.96	h52.46	76.00	77.16	77.73	76.29	72.36	70.43
25	70.14	69.17	68.58	.....	h72.99	k51.75	76.53	77.06	77.61	76.55	72.13	70.17
Eom	69.94	69.11	69.19	71.66	.....	52.89	76.70	77.45	76.16	74.93	71.66	69.96

h Tape measurement.

k Interpolation.

381454N0854652.1. Local number (KPC) N-1, 560.2-276.2. Formerly 46-14-2F. American Tobacco Co. 17th St. and Broadway, Louisville. Drilled unused water-table well in glacial sand and gravel, diam 12 in, depth 113 ft, screened 93-113. Lsd 456.09 ft above msl. MP top of concrete base, at lsd. Highest water level 70.38 below lsd, Apr. 10, 1952; lowest 80.2" below lsd, Nov. 23, 1955. Records available: 1945, 1950-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1959	80.12	Sept. 30, 1960	78.85	Mar. 23, 1962	78.96	May 24, 1963	78.40
May 12	80.11	Jan. 5, 1961	79.82	July 24	77.57	June 21	78.11
July 20	79.23	Mar. 28	79.81	Aug. 28	77.13	July 22	76.93
Oct. 21	79.50	June 16	79.24	Nov. 14	78.10	Aug. 23	76.66
Dec. 21	79.13	Aug. 4	78.40	Jan. 7, 1963	77.77	Sept. 23	76.98
Feb. 23, 1960	79.12	Oct. 11	78.87	Mar. 25	78.20	Oct. 24	77.56
May 9	80.19	Nov. 22	79.58	Apr. 29	78.22	Nov. 26	77.71
July 12	79.38	Jan. 9, 1962	79.20				

381246N0854706. 1. Local number (KPC) N-1, 558.9-263. 2. Formerly 47-12-4. Joseph E. Seagram & Sons Co. 7th St. Rd. at Wathens Lane. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 103 ft, cased to bottom. Lsd 458.64 ft above msl. MP top of wooden brace at base of recorder, 3.10 ft above lsd. Highest water level 55.53 below lsd, Apr. 6, 1953; lowest 88.37 below lsd, Mar. 9, 1944. Records available: 1943-63.

Water level at noon, from recorder graph, 1959											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	65.77	65.60	66.02	65.17	66.09	65.96	65.00	64.86	65.90	66.10	66.50
10	65.40	66.03	66.02	66.19	65.48	65.78	64.78	65.08	65.70	65.87	66.07
15	65.94	65.44	65.66	66.19	66.14	65.43	62.70	65.51	65.54	66.07	65.50
20	66.08	66.31	66.25	65.95	66.05	65.95	62.08	65.48	65.41	66.05	66.23
25	65.17	66.14	66.19	65.78	65.85	65.85	61.69	65.71	66.30	65.54	66.58
Eom	66.43	66.20	65.75	.....	64.90	65.83	64.39	65.40	66.55	67.02	66.63

1960											
5	66.63	66.64	67.59	66.70	66.47	64.90	65.67	65.76	64.48	65.00	66.80
10	65.56	66.58	67.13	66.90	66.42	66.53	63.57	65.65	65.14	65.07	66.51
15	66.71	66.68	66.58	66.74	64.99	66.15	62.67	65.16	66.18	65.07	66.43
20	67.07	66.73	66.05	66.90	66.63	65.36	62.22	66.28	66.27	66.63	65.03
25	66.33	66.48	66.63	66.42	66.20	65.35	62.61	66.10	66.56	66.68	66.25
Eom	65.88	66.85	66.28	66.77	65.53	66.58	64.46	66.12	66.61	65.00	66.70

1961											
5	66.70	65.71	66.13	67.30	67.24	66.44	65.46	64.69	65.58	67.05	66.31
10	66.50	67.51	68.05	66.71	66.90	65.68	63.02	65.62	64.40	66.08	67.35
15	66.03	67.54	68.33	66.15	66.07	66.92	62.05	65.08	66.28	65.03	66.80
20	67.18	66.75	66.92	66.85	65.85	66.37	61.47	64.65	66.02	67.74	66.28
25	67.05	66.60	67.16	66.83	66.46	65.18	62.32	66.05	66.27	67.12	66.93
Eom	66.64	67.52	66.95	65.60	66.14	67.18	63.78	66.07	67.03	67.08	66.73

1962											
5	66.50	66.35	66.20	66.08	66.13	65.59	65.81	63.28	65.95	67.08	66.84
10	66.54	66.84	66.65	65.85	65.87	65.63	65.99	61.87	66.14	67.08	67.34
15	66.50	66.86	66.47	65.71	65.83	65.75	65.03	61.19	67.10	66.85	67.40
20	66.68	66.56	66.34	66.12	65.65	65.88	66.49	60.73	67.27	67.20	67.14
25	66.77	65.93	66.10	65.86	65.98	65.46	66.34	64.08	67.35	67.01	66.40
Eom	66.65	66.66	66.31	65.46	64.81	66.22	66.38	65.15	66.97	67.10	67.85

1963											
5	68.17	67.43	.....	67.87	68.53	68.63	68.92	68.82	67.63	68.05	67.87
10	68.07	66.72	66.26	67.74	68.80	68.70	68.87	68.50	67.93	68.00	67.75
15	67.87	66.98	.....	68.03	69.35	68.80	68.86	68.30	68.19	67.05	67.90
20	67.32	66.75	.....	68.62	68.98	69.03	68.81	68.55	67.65	67.07	68.07
25	67.35	66.55	67.15	68.75	69.08	69.02	68.80	66.86	67.83	68.23	68.43
Eom	66.84	.....	67.72	68.10	68.65	68.92	68.50	65.60	68.15	68.07	68.85

h Tape measurement.

381034N0855026. 1. Local number (KPC) N-1, 542.7-250. 2. Formerly 50-10-2. Rubber Reserve Co. Rockford Lane, west of Mills Creek. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 94 ft, screened 90-92. Lsd 442.96 ft above msl. MP top of coupling, 3.95 ft above lsd. Highest water level 23.17 below lsd, May 10, 1952; lowest 31.55 below lsd, Apr. 2, 1957. Records available: 1945-63.

Water level at noon, from recorder graph, 1959											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	29.63	29.66	29.54	29.50	29.48	29.44	29.51	29.66	29.74	29.86	30.00
10	29.68	29.68	29.60	29.50	29.46	29.45	29.55	29.69	29.76	29.88	29.97
15	29.68	29.66	29.61	29.48	29.47	29.45	29.59	29.70	29.76	29.80	29.99
20	29.67	29.65	29.54	29.48	29.46	29.47	29.62	29.69	29.79	29.81	30.00
25	29.68	29.60	29.53	29.47	29.45	29.49	29.64	29.71	29.80	29.83	30.03
Eom	29.66	29.59	29.52	29.48	29.44	29.50	29.65	29.72	29.85	29.85	30.03

1960											
5	30.12	30.01	29.99	29.84	29.77	29.80	29.55	29.48	29.50	29.63	29.78
10	30.10	29.98	29.99	29.83	29.77	29.82	29.51	29.47	29.52	29.66	29.81
15	30.12	30.00	29.99	29.79	29.78	29.83	29.50	29.47	29.53	29.69	29.81
20	30.08	29.99	29.96	29.78	29.78	29.84	29.49	29.47	29.55	29.72	29.84
25	30.07	29.92	29.92	29.79	29.79	29.65	29.47	29.48	29.57	29.73	29.86
Eom	30.07	29.99	29.88	29.76	29.80	29.62	29.49	29.49	29.61	29.74	29.89

1961											
5	.....	29.98	29.95	29.61	.....	28.33	28.05	27.91	27.89	27.09	28.10
10	.....	29.99	29.81	29.59	29.00	28.26	28.04	27.91	27.90	28.02	28.10
15	.....	30.02	29.75	29.50	28.80	28.20	28.00	27.90	27.93	28.01	28.13
20	29.89	30.04	29.71	29.48	28.67	28.16	27.97	27.89	27.91	28.04	28.17
25	29.92	30.05	29.68	29.43	28.54	28.04	27.97	27.89	27.93	28.06	28.18
Eom	29.95	30.05	29.61	.....	28.40	28.08	27.93	27.88	27.97	28.05	28.19

h Tape measurement.

k Interpolation.

381034N0855026.1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.20	28.24	28.04	27.70	27.48	27.39	27.36	27.49	27.68	27.76	27.86	28.04
10	28.32	28.25	27.96	27.65	27.44	27.39	27.38	27.53	27.69	27.83	27.84	28.08
15	28.32	28.22	27.94	27.61	27.43	27.38	27.38	27.55	27.71	27.80	27.92	28.08
20	28.32	28.26	27.91	27.58	27.41	27.37	27.42	27.57	27.74	27.80	27.95	28.14
25	.....	28.21	27.73	27.54	27.40	27.38	27.42	27.61	27.73	27.85	27.99	28.15
Eom	28.21	27.59	27.56	27.50	27.40	27.38	27.47	27.65	27.76	27.82	28.02	28.14

1963

5	28.21	28.40	28.42	28.37	28.35	28.34	28.41	28.42	28.48	28.56	28.68	28.84
10	28.23	28.42	28.59	28.36	28.33	28.36	28.43	28.42	28.49	28.58	28.71	28.86
15	28.28	28.50	28.57	28.34	28.35	28.35	28.42	28.44	28.50	28.60	28.74	28.90
20	28.29	28.54	28.48	28.34	28.35	28.35	28.43	28.42	28.49	28.61	28.75	28.92
25	28.34	28.54	28.42	28.35	28.35	28.39	28.45	28.45	28.52	28.64	.....	28.94
Eom	28.39	28.56	28.39	28.35	28.35	28.40	28.43	28.48	28.54	28.65	28.80	28.98

381323N0855010.1. Local number (KPC) N-1, 544.3-267.33. Formerly 50-13-9. National Carbide Corp. Bells Lane. Drilled unused water-table well in glacial sand and gravel, diam 12 in, depth 109 ft, cased to bottom. Lsd 450.29 ft above msl. MP bottom of 1½-in pipe in side of pumpbase, 1.60 ft above lsd. Highest water level 57.82 below lsd, May 3, 1948; lowest 87.21 below lsd, Nov. 14, 1959. Records available: 1946-48, 1954-63. Well destroyed by sludge February 1963; measurement discontinued.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	80.29	80.35	78.12	77.85	77.46	77.68	78.97	.....	83.90	85.69	86.79	86.02
10	80.32	79.92	78.44	77.81	77.48	77.81	79.19	.....	84.35	85.84	86.81	85.71
15	80.40	79.59	78.12	77.63	77.57	77.98	79.45	.....	84.60	86.20	86.85	85.77
20	80.38	79.30	78.04	77.59	77.59	78.16	79.86	.....	84.90	86.36	86.78	85.70
25	80.38	78.84	77.11	77.41	77.56	78.35	80.34	.....	85.14	86.60	86.81	85.60
Eom	80.45	78.68	77.98	.....	77.68	78.57	80.88	83.54	85.46	86.63	86.25	85.59

1960

5	84.84	83.29	81.70	80.32	78.00	79.31	80.37	81.45	82.80	84.17	85.41	84.99
10	84.49	.....	81.50	80.20	78.14	79.47	80.44	81.64	83.04	84.51	85.25	85.01
15	84.42	.....	81.01	79.91	78.19	79.66	80.67	81.79	83.30	84.72	84.87	85.05
20	83.97	.....	81.05	79.66	78.13	79.77	80.86	82.01	83.53	84.87	84.93	84.99
25	83.70	.....	80.77	78.29	78.08	80.03	81.01	82.29	83.68	85.05	84.89	85.23
Eom	83.50	82.06	80.60	78.15	79.25	80.07	81.24	82.55	84.03	85.24	84.96	85.17

1961

5	85.25	85.53	85.44	81.98	79.13	76.70	76.28	76.62	77.36	79.07	80.29	81.07
10	85.37	85.63	85.22	81.57	78.95	76.61	76.28	76.77	77.58	79.35	80.37	81.23
15	85.45	85.59	84.69	80.65	78.49	76.54	76.31	76.83	77.92	79.64	80.47	.....
20	85.53	85.72	84.13	80.19	78.07	76.38	76.44	76.91	78.11	79.96	80.68	81.30
25	85.61	85.46	83.32	79.93	77.47	76.37	76.57	77.07	78.47	80.14	80.79	81.27
Eom	85.46	85.60	82.30	79.38	76.90	76.24	76.61	77.16	78.80	80.10	80.92	81.21

1962

5	81.20	81.43	80.79	77.82	76.49	77.49	78.91	80.29	81.86	82.95	83.38	83.48
10	81.16	81.42	80.60	77.55	76.47	77.74	79.12	80.60	82.04	83.14	83.20	83.47
15	81.32	81.10	80.09	77.35	76.64	78.02	79.37	80.82	82.17	83.31	.....	83.37
20	81.28	81.12	79.45	77.08	76.79	78.26	79.48	81.07	82.44	83.42	.....	83.76
25	81.38	80.88	78.78	76.79	77.04	78.50	79.72	81.33	82.65	83.65	.....	83.59
Eom	81.42	81.11	78.19	76.64	77.28	78.69	80.04	81.54	82.76	83.56	83.50	83.87

1963

5	84.07	84.28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	84.12	84.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	84.10	84.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	83.97	84.48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	84.18	84.59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

k Interpolation.

381315N0855026.1. Local number (KPC) N-1, 543.10-266.45. National Carbide Corp. Bells Lane. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 108 ft, cased to bottom. Lsd 448.68 ft above msl. MP top of casing, 1.10 ft above lsd. Highest water level 71.15 below lsd, May 23, 1958; lowest 83.75 below lsd, Nov. 9, 1959. Records available: 1956-63. Replaces well 381323N0855010.1 (KPC No. N-1, 544.3-267.33). Initial measurement Jan. 26, 1956; recorder installed May 7, 1963.

381315N0855026.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1956	80.37	Feb. 3, 1958	78.32	Sept. 17, 1959	81.18	June 14, 1961	71.98
Apr. 11	72.25	Apr. 1	76.37	Oct. 20	83.00	Aug. 3	73.59
June 6	73.39	May 23	71.15	Nov. 9	83.75	Oct. 11	77.22
July 31	75.84	July 29	71.40	Dec. 21	81.88	Nov. 21	78.97
Sept. 18	77.78	Oct. 16	73.06	Feb. 23, 1960	78.92	Jan. 18, 1962	79.26
Dec. 5	80.41	Dec. 31	76.75	May 12	76.38	Mar. 14	76.16
Jan. 10, 1957	79.85	Mar. 12, 1959	74.48	July 11	78.26	May 24	73.68
Mar. 29	76.26	May 15	74.10	Sept. 27	82.43	July 20	77.60
July 22	77.72	July 27	77.19	Nov. 29	83.64	Aug. 28	77.53
Sept. 11	80.55	Aug. 24	79.14	Jan. 4, 1961	83.53	Nov. 14	81.43
Oct. 31	82.78	Sept. 4	79.99	Mar. 29	76.43		

Water level at noon, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	76.61	77.92	79.34	80.88	81.56	82.01	81.96
10	h81.57	.....	.....	.....	75.23	76.89	78.05	79.59	81.13	81.60	82.04	82.04
15	75.51	77.11	78.23	79.87	81.37	81.73	82.10	.....
20	75.76	77.32	78.51	80.15	81.43	81.84	82.12	h80.90
25	75.99	77.53	78.79	80.36	81.50	81.92	.....	81.02
Eom	76.33	77.74	79.09	80.59	81.52	81.98	81.92	81.38

h Tape measurement.

381157N0855102.1. Local number (KPO) N-1, 540.0-258.6. Formerly 51-11-6. Rubber Reserve Co. Shanks Lane, west of Cane Run Rd. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 112 ft, screened 108-110. Lsd 446.27 ft above msl. MP top of coupling, 4.85 ft above lsd. Highest water level 44.54 below lsd, May 9, 1950; lowest 57.62 below lsd, Feb. 25, 1956. Records available: 1945-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	53.29	53.45	53.20	52.99	52.73	52.68	52.82	53.08	53.41	53.78	54.18	54.43
10	53.30	53.50	53.32	52.97	52.69	52.69	52.84	53.13	53.47	53.83	54.20	54.45
15	53.25	53.45	53.34	52.93	52.70	52.71	52.89	53.18	53.51	53.90	54.26	54.50
20	53.23	53.46	53.16	52.86	52.68	52.72	52.94	53.23	53.58	53.96	54.30	54.52
25	53.34	53.36	53.11	52.84	52.68	52.75	52.99	53.28	53.63	54.03	54.36	54.54
Eom	53.42	53.33	53.06	.....	52.68	52.77	53.02	53.34	53.72	54.11	54.39	54.60

1960

5	54.61	54.34	54.54	54.37	54.19	54.01	54.03	54.14	54.36	54.67	k54.98	55.26
10	54.61	54.42	54.53	54.33	54.17	53.99	54.02	54.16	54.44	54.71	k55.04	55.31
15	54.68	54.57	54.43	54.29	54.13	53.99	54.06	54.21	54.49	54.76	k55.06	55.35
20	54.61	54.57	54.46	54.25	54.13	53.98	54.06	54.25	54.53	54.83	55.08	55.39
25	54.61	54.41	54.40	54.24	54.08	54.00	54.10	54.30	54.57	54.88	55.18	55.44
Eom	54.61	54.56	54.42	54.22	54.04	54.01	54.11	54.34	54.63	54.94	55.22	55.54

1961

5	55.57	55.85	56.02	55.95	55.42	54.53	53.64	53.21	53.10	53.17	53.36	53.56
10	55.61	55.87	56.08	55.97	55.33	54.36	53.55	53.18	53.10	53.19	53.37	53.65
15	55.67	55.91	56.06	55.80	55.21	54.20	53.47	53.17	53.14	53.23	53.39	53.63
20	55.70	55.93	56.07	55.73	55.06	54.03	53.39	53.15	53.10	53.26	53.47	53.69
25	55.74	55.95	56.10	55.60	54.87	53.90	53.33	53.13	53.10	53.30	53.50	53.68
Eom	55.80	56.05	55.96	55.54	54.69	53.75	53.26	53.10	53.13	53.33	53.53	53.71

1962

5	53.69	53.79	53.66	53.23	52.57	52.09	52.07	52.31	52.70	53.08	53.46	53.83
10	53.78	53.83	53.57	53.13	52.48	52.07	52.11	52.38	52.76	53.14	53.51	53.88
15	53.88	53.76	53.54	53.06	52.38	52.04	52.16	52.42	52.81	53.20	53.59	53.92
20	53.80	53.77	53.43	52.93	52.28	52.03	52.19	52.48	52.88	53.25	53.66	53.99
25	53.75	53.70	53.37	52.79	52.14	52.03	52.24	52.55	52.95	53.33	53.72	54.01
Eom	53.78	53.88	53.30	52.68	52.13	52.05	52.28	52.63	53.01	53.39	53.78	54.07

1963

5	54.10	54.37	54.44	54.60	54.22	53.78	53.76	53.94	54.20	54.42	54.70	54.91
10	54.14	54.40	54.59	54.59	54.12	53.73	53.79	53.98	54.20	54.46	54.74	54.93
15	54.20	54.46	54.58	54.54	54.05	53.72	53.82	54.01	54.25	54.51	54.78	54.97
20	54.23	54.45	54.65	54.47	53.97	53.72	53.83	54.04	54.27	54.55	54.79	54.99
25	54.28	54.52	54.65	54.39	53.89	53.73	53.89	54.10	54.32	54.60	54.83	55.02
Eom	54.34	54.54	54.63	54.35	53.83	53.76	53.90	54.13	54.37	54.65	54.87	55.07

k Interpolation.

Johnson County

374610N0824530.1. Local number (KPC) S-2, 864.6-536.6. Formerly 8245-3745-404.

Kentucky Water Co. Van Lear. Drilled unused artesian and water-table well in Breathitt Formation of Middle Pennsylvanian age, diam 6 in, depth 115 ft. Lsd about 630 ft above msl. MP bottom of recorder base, 3.42 ft above lsd. Highest water level 24.94 below lsd, Mar. 6, 1955; lowest 28.81 below lsd, Oct. 29, 1963. Records available: 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	26.86	27.23	26.95	27.25	27.25	27.97	28.11	28.40	28.04	27.35	26.35
10	27.86	26.83	27.24	26.95	27.42	27.53	28.09	28.15	28.43	28.00	27.52	26.47
15	27.80	26.59	27.12	26.10	27.23	27.73	28.43	28.28	28.12	27.87	27.65	26.54
20	27.70	26.68	27.32	26.31	27.20	27.90	28.42	28.38	28.34	27.80	26.91	26.67
25	26.54	26.90	27.45	26.68	27.13	27.95	28.24	28.41	28.35	27.27	26.87	26.85
Eom	26.79	27.00	27.22	26.95	27.17	28.03	27.86	28.28	28.21	27.17	26.75	27.14

1960

5	26.80	26.69	26.51	26.58	27.47	27.85	26.27	27.79	27.73	27.88	27.88	27.42
10	26.61	26.27	26.68	26.72	27.37	27.99	26.62	27.80	27.88	27.84	27.61	27.52
15	26.53	26.22	.....	26.92	27.49	28.00	26.54	.....	27.87	27.86	27.41	26.90
20	26.66	26.16	26.06	27.13	27.65	28.07	27.11	28.02	27.52	27.88	27.55	27.03
25	26.88	25.91	26.48	27.27	27.73	27.37	27.48	27.43	27.69	27.84	27.60	27.14
Eom	26.83	26.12	26.64	27.33	27.72	27.01	27.76	27.57	27.78	27.84	27.56	26.73

1961

5	26.26	26.95	25.81	h26.06	26.42	27.54	.....	26.69	27.43	27.57	27.83	27.36
10	26.70	26.12	25.71	26.38	25.93	26.98	27.75	26.88	27.62	27.51	27.59	27.11
15	26.37	26.15	.....	26.04	26.16	26.47	27.72	26.73	27.83	27.70	27.68	26.58
20	25.77	26.55	26.43	26.25	26.73	26.45	27.78	.....	27.88	27.68	27.72	25.86
25	26.49	25.71	26.34	26.24	27.10	26.96	26.86	26.65	27.92	.....	27.52	26.36
Eom	26.79	25.66	26.31	26.39	27.47	27.30	26.82	27.07	28.05	27.65	27.34	26.64

1962

5	26.88	26.66	25.65	26.60	27.42	27.71	27.78	27.80	28.33	28.19	28.25	27.17
10	26.83	26.72	25.70	26.14	27.56	27.92	27.63	27.98	28.35	28.29	27.83	27.24
15	26.77	26.56	26.18	25.87	27.67	27.93	27.73	28.21	28.40	28.29	27.45	27.28
20	26.89	26.65	26.62	26.55	27.73	27.96	27.89	h28.20	28.45	28.25	.....	27.40
25	26.06	26.60	.....	27.00	27.91	h27.97	27.50	28.30	28.30	28.32	.....	26.40
Eom	26.35	25.29	26.81	27.23	27.65	28.02	27.66	28.36	28.30	28.17	27.04	26.35

1963

5	26.48	26.48	26.01	28.35	28.53	27.86	28.09	28.52	28.48	28.57	28.61	28.13
10	26.77	26.32	25.90	28.36	28.53	28.00	28.19	28.52	28.58	28.63	28.57	28.22
15	26.82	26.46	25.42	28.47	28.59	28.28	28.27	28.56	28.32	28.65	28.74	28.17
20	26.70	26.28	26.65	28.52	28.58	28.40	28.24	28.46	28.27	28.63	28.65	28.05
25	26.84	.....	27.40	28.55	28.63	27.59	28.39	28.44	28.33	28.71	28.68	28.02
Eom	26.93	26.28	27.94	28.42	27.78	27.82	28.37	28.61	28.45	28.70	28.31	28.11

h Tape measurement.

374818N0824559.1. Local number (KPC) S-2, 861.9-549.4. E. P. Welch. Therlka.

Drilled unused water-table well in alluvium of Quaternary age, diam 18 in, depth 57 ft, cased to bottom. Lsd about 615 ft above msl. MP base of recorder shelter, 2.00 ft above lsd. Highest water level 21.52 below lsd, Mar. 14, 1963; lowest 52.44 below lsd, Jan. 24, 1961. Records available: 1949-52, 1960-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 2, 1949	44.56	July 26, 1950	44.96	May 7, 1951	42.47	Mar. 10, 1952	44.09
Dec. 6	46.66	27	42.44	21	46.44	24	31.00
Jan. 3, 1950	45.52	31	45.29	June 4	47.01	Apr. 7	44.98
Feb. 6	37.13	Aug. 14	47.91	18	46.38	20	45.86
20	44.55	28	48.34	July 2	47.46	May 5	44.05
Mar. 6	46.24	Sept. 11	47.45	16	48.35	19	44.86
20	44.71	25	44.19	30	48.35	June 2	45.31
Apr. 1	43.61	Oct. 9	47.90	Aug. 13	48.83	16	47.82
17	46.51	23	47.82	27	49.43	30	47.54
29	47.22	Nov. 6	45.21	Sept. 10	48.70	July 14	48.57
May 3	46.32	21	46.41	24	48.88	Aug. 4	49.05
15	40.76	Dec. 5	39.00	Oct. 8	49.12	18	48.21
22	44.62	18	44.13	22	49.38	Sept. 1	48.85
24	44.98	Jan. 2, 1951	46.95	Nov. 5	47.39	15	49.42
25	44.62	15	45.24	19	46.52	29	49.26
26	44.82	31	44.38	Dec. 3	46.40	Oct. 13	49.52
29	45.54	Feb. 12	42.25	17	40.11	27	50.20
June 5	44.72	26	42.99	31	44.32	Nov. 10	49.84
19	46.86	Mar. 14	43.85	Jan. 14, 1952	42.80	22	49.28
26	44.52	27	43.63	28	37.45	Dec. 8	48.01
July 3	47.10	Apr. 9	43.51	Feb. 11	43.98	22	47.53
17	47.49	23	44.94	25	44.89		

374818N0824559.1--Continued.

Water level at noon, from recorder graph, 1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	48.24	45.19	48.52	48.81	49.00	48.55	48.00
10	.....	.....	.....	.....	.....	48.56	46.72	.....	49.03	.....	48.37	48.26
15	.....	.....	.....	.....	.....	48.75	46.61	.....	48.01	48.67	47.95	47.18
20	.....	.....	.....	.....	47.71	48.70	47.68	48.62	48.28	48.81	48.21	47.70
25	.....	.....	.....	.....	48.05	48.28	47.79	48.88	48.67	48.41	48.30	47.71
Eom	.....	.....	.....	.....	47.87	47.86	48.27	48.63	48.93	48.66	48.05	45.79
1961												
5	45.79	46.04	41.21	42.70	40.87	47.31	47.81	43.00	48.22	47.75	48.28	47.85
10	46.70	.....	37.50	44.12	41.60	45.92	41.10	.....	48.36	48.23	48.25	.....
15	46.76	46.25	42.69	30.90	41.09	46.48	48.16	.....	48.64	48.60	48.40	44.62
20	46.05	47.88	39.87	40.88	44.41	45.12	46.23	.....	48.70	48.77	48.45	37.08
25	.....	.....	44.30	39.75	45.76	46.35	45.34	.....	48.72	.....	47.48	43.83
Eom	.....	h36.71	51.48	45.32	46.80	47.18	41.87	47.83	48.88	48.78	47.28	44.39
1962												
5	45.58	42.85	38.11	44.32	46.24	46.22	45.54	.....	49.03	48.89	.....	47.12
10	44.41	41.55	36.49	41.90	46.82	46.80	45.07	.....	48.72	48.85	.....	46.70
15	45.71	42.96	40.22	38.70	46.94	46.55	46.75	.....	49.00	48.84	.....	47.29
20	44.70	43.78	43.22	43.25	47.38	47.41	47.52	48.45	48.38	48.89	.....	47.05
25	37.40	42.09	43.35	44.76	47.62	46.70	47.38	48.51	48.75	48.80	.....	45.69
Eom	40.70	27.70	44.30	45.70	45.63	46.10	.....	48.88	48.72	48.92	46.40	45.00
1963												
5	46.00	42.00	43.00	45.08	47.80	.....	47.30	48.45	.....	.....	.....	.....
10	46.47	44.78	40.18	45.98	48.02	.....	47.38	48.55	.....	.....	.....	.....
15	45.63	44.49	25.25	46.68	48.18	.....	47.80	48.60	.....	.....	.....	.....
20	46.15	44.82	29.40	47.10	47.55	.....	47.95	48.73	h49.05	.....	h49.26	h48.28
25	46.00	.....	39.80	47.48	48.00	47.00	48.70	.....	49.45	h49.57	.....	.....
Eom	46.22	44.61	43.61	47.80	.....	47.62	48.84	.....	.....	.....	.....	.....

h Tape measurement.

Kenton County

390028N0843337.1. Local number (KPC) N-1, 911.8-549.2. Formerly 8430-3900-17. Mrs. C. J. Harris. Covington. Dug unused water-table well in shaly limestone of Maysville Group of Upper Ordovician age, diam 5 ft, depth 35 ft, shored. Lsd about 840 ft above msl. MP base of recorder shelter, 1.00 ft above lsd. Highest water level 14.20 below lsd, May 9, 1961; lowest 30.94 below lsd, Jan. 14, 1954. Records available: 1950-63.

Water level at noon, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.16	25.42	.....	25.37	27.13	28.05	27.63	28.55	28.34	29.68	29.41	26.11
10	26.14	.....	24.16	26.20	27.57	28.58	27.85	28.72	28.25	29.74	28.39	26.67
15	24.05	.....	22.75	26.34	25.45	28.70	28.30	29.08	28.57	29.68	28.19	24.89
20	20.23	.....	25.60	26.50	26.29	28.80	28.70	29.16	29.05	29.59	28.03	25.68
25	23.41	.....	26.36	26.97	26.71	28.78	29.10	28.91	29.37	29.40	27.75	26.23
Eom	25.10	.....	26.29	26.93	27.42	28.06	28.15	28.54	29.54	29.52	26.00	25.29
1960												
5	24.21	26.10	25.60	.....	27.64	26.22	21.39	28.13	27.87	28.92	29.43	27.84
10	25.81	20.54	.....	.....	27.82	26.60	.....	28.30	.....	29.16	29.54	28.01
15	25.05	.....	26.48	26.30	28.04	23.07	26.32	26.84	28.41	29.27	28.70	27.65
20	23.57	25.59	24.44	26.57	28.21	25.24	26.57	27.09	28.61	29.37	28.14	27.72
25	25.58	26.03	24.34	26.76	28.40	20.49	27.02	27.53	28.46	29.33	28.08	26.91
Eom	26.15	25.55	25.48	27.22	24.19	24.37	27.60	28.03	28.57	29.33	27.93	25.95
1961												
5	26.26	27.00	21.16	26.25	26.27	27.06	28.87	28.63	29.02	29.58	29.71	26.65
10	25.45	.....	21.50	25.99	18.68	27.26	.....	28.47	28.49	29.57	29.65	25.86
15	24.55	24.61	22.53	22.18	24.42	27.64	.....	27.25	28.58	29.59	29.61	25.58
20	24.30	23.23	23.98	24.37	26.12	27.57	.....	28.80	28.98	29.47	29.24	24.08
25	26.22	20.65	22.52	25.34	26.27	27.98	.....	28.54	29.30	29.54	27.10	24.80
Eom	26.50	20.43	.....	25.62	26.78	28.50	.....	29.06	29.53	29.66	26.25	26.13
1962												
5	26.31	28.97	24.17	24.40	27.27	26.45	26.82	27.13	29.48	29.53	29.25	27.65
10	.....	29.20	21.75	26.14	27.62	27.17	26.47	27.70	29.47	29.19	29.18	28.11
15	25.47	29.06	24.07	26.23	27.88	27.63	19.53	28.19	29.45	29.20	27.80	28.62
20	24.77	28.45	25.57	26.40	28.19	27.94	24.28	28.62	29.47	29.18	26.80	28.93
25	26.37	.....	23.10	26.61	28.30	26.55	26.24	29.00	29.53	29.23	26.58	29.16
Eom	27.74	17.70	25.83	26.91	25.85	26.52	26.58	29.35	29.58	29.30	27.22	26.41

390028N0843337. 1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	26.15	25.70	22.70	25.86	26.05	26.89	28.50	27.58	29.17	29.67	29.90	30.10
10	26.58	25.72	20.93	26.28	26.30	27.24	28.43	28.16	29.31	29.73	29.92	30.13
15	25.85	25.93	22.95	26.55	25.35	27.64	28.43	28.53	29.45	29.78	29.96	30.15
20	26.15	26.93	24.00	26.63	24.24	28.04	28.00	28.74	29.52	29.83	30.03	30.16
25	26.60	21.78	.....	26.43	26.04	28.55	26.28	28.65	29.60	29.85	30.07	30.17
Eom	27.20	22.72	25.00	25.50	26.45	28.80	26.94	28.92	29.58	29.88	30.08	30.17

Laurel County

370757N0840450. 1. Local number (KPC) S-2, 486.5-294.7. Formerly 8400-3705-40.

J. R. Hale. London. Drilled unused water-table well in sandstone of Lee Formation of Pennsylvanian age, diam 12 in, reported depth 400 ft. Lsd about 1,190 ft above msl. MP base of recorder shelter, 3.30 ft above lsd (since Sept. 22, 1959). Highest water level 45.68 ft below lsd, July 7, 1962; lowest 225+ below lsd, Oct. 25, 1947. Records available: 1947, 1950-62. Recorder removed Sept. 17, 1962; measurement discontinued.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	47.80	47.11	46.84	47.09	49.45	47.98	48.21	47.89	48.13	48.90	48.59	48.08
10	47.71	46.96	46.82	47.16	49.16	48.02	48.20	47.96	48.28	48.90	48.65	48.12
15	47.28	47.12	46.75	47.15	49.79	48.08	48.30	48.10	48.10	48.93	48.64	47.96
20	47.29	47.19	47.15	48.15	49.75	48.12	48.18	48.18	48.54	49.00	48.43	47.84
25	47.30	47.08	47.14	48.59	48.70	48.23	48.10	.....	48.83	48.45	48.13	47.84
Eom	47.40	46.94	47.13	49.01	48.11	48.30	.....	47.63	48.74	48.82	48.46	47.63

1960

5	47.60	46.96	46.85	46.71	47.12	47.47	47.32	47.37	47.59	47.76	47.99	47.80
10	47.46	46.15	47.23	47.04	46.87	47.74	47.21	47.45	47.65	47.79	48.13	47.74
15	47.07	47.20	47.03	46.95	47.04	47.61	47.25	.....	47.74	47.87	47.98	47.44
20	47.34	47.13	46.91	47.08	47.16	47.67	47.28	47.48	47.67	47.95	47.93	47.47
25	47.37	46.98	47.03	46.97	47.23	47.54	47.27	47.54	47.72	47.93	47.86	47.58
Eom	47.26	47.13	46.70	46.98	47.42	47.37	47.21	47.58	47.62	47.74	47.76	47.24

1961

5	47.24	47.17	46.64	.....	46.27	46.64	.....	46.95	47.38	48.04	48.26	47.95
10	.....	46.93	46.66	46.24	46.33	46.56	47.07	47.12	47.49	48.02	48.18	47.85
15	46.83	47.00	46.40	45.96	46.17	46.57	47.09	.....	47.58	48.00	48.20	47.89
20	46.89	47.05	46.57	46.30	46.40	46.64	46.93	47.14	47.64	48.06	48.27	47.58
25	47.17	46.42	46.57	46.05	46.34	46.70	47.11	47.22	47.73	48.07	48.28	47.42
Eom	47.11	46.66	46.23	46.27	46.64	46.83	46.99	47.25	47.95	48.08	48.18	47.31

1962

5	47.26	46.44	46.03	46.23	46.04	45.98	45.82	45.94	46.42	.....	.....	.....
10	47.40	46.73	46.08	46.02	46.02	46.00	45.80	45.98	46.47	.....	.....	.....
15	47.03	46.45	46.10	45.92	46.20	45.82	45.76	46.09	46.55	.....	.....	.....
20	47.13	46.55	46.10	45.95	46.15	45.72	45.93	.....	.....	.....	.....	.....
25	46.78	46.45	46.08	45.86	46.14	45.80	45.83	46.20	.....	.....	.....	.....
Eom	46.71	46.23	45.92	45.86	46.15	45.91	45.96	46.35	.....	.....	.....	.....

Letcher County

370831N0825829. 1. Local number (KPC) S-2, 808.9-306.2. Formerly 8255-3705-1. Louisville & Nashville RR. Co. Blackey. Drilled unused water-table well in Breathitt Formation of Middle Pennsylvanian age, diam 8 in, depth 93 ft, cased to 20. Lsd about 990 ft above msl. MP base of recorder shelter, 3.10 ft above lsd. Highest water level 1.40 below lsd, Jan. 29, 1957; lowest 22.72 below lsd, Oct. 22, 1953. Records available: 1953-62. Recorder removed Sept. 18, 1962; measurement discontinued.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	.....	19.15	19.37	17.96	19.18	.....	19.93	20.09	20.35	20.03	18.78	17.92
10	19.87	19.49	19.74	18.89	19.78	.....	19.98	20.20	20.19	19.00	19.83	18.10
15	19.82	17.44	18.49	17.75	19.00	.....	20.09	20.56	19.20	17.79	19.93	18.07
20	18.09	18.34	19.39	18.30	19.50	.....	19.92	19.97	20.09	18.85	19.25	17.07
25	18.00	18.62	19.80	17.81	18.40	.....	19.90	19.93	20.47	18.30	17.18	18.20
Eom	19.14	18.99	18.94	18.09	18.52	19.94	19.96	20.00	20.66	18.10	17.54	.....

370831N0825829.1--Continued.

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	19.55	17.36	18.91	.....	19.09	17.95	19.88	19.92	19.90	19.95	19.77
10	.....	18.78	18.57	19.14	.....	19.91	17.17	19.50	19.98	19.86	19.92	19.92
15	17.86	18.63	.....	.....	19.78	19.90	18.08	.....	18.20	19.92	19.91	18.24
20	18.34	18.18	17.77	.....	19.83	19.02	18.74	18.03	18.80	19.90	19.92	18.99
25	18.96	17.89	18.49	.....	19.34	16.66	19.26	18.38	19.80	19.69	19.91	19.75
Eom	19.23	17.96	18.88	.....	18.21	18.27	19.84	19.87	19.83	19.91	19.65	17.78
1961												
5	17.95	18.98	.....	.....	18.14	19.70	.....	17.93	19.85	18.85	19.92	19.75
10	18.67	.....	.....	18.14	17.84	19.71	19.88	18.66	19.93	19.86	18.98	17.83
15	16.98	.....	.....	17.76	18.14	19.66	19.93	19.72	19.90	19.90	18.99	17.90
20	17.16	.....	.....	18.19	18.99	19.14	19.77	17.64	19.93	19.93	19.90	17.45
25	18.24	.....	.....	18.75	19.51	19.74	19.85	18.40	19.92	.....	18.88	18.24
Eom	18.92	.....	.....	18.62	19.65	19.77	18.05	19.60	20.02	20.02	19.14	18.28
1962												
5	18.58	18.06	17.75	18.80	19.54	19.00	16.78	.....	20.29	.....	.....	.....
10	18.76	17.60	17.70	18.04	19.57	19.67	18.72	.....	20.60	.....	.....	.....
15	18.95	18.23	18.10	17.66	18.30	18.75	19.66	.....	20.75	.....	.....	.....
20	18.67	18.50	18.76	18.54	19.00	19.57	19.68	h20.05	.....	.....	.....	.....
25	17.53	17.58	18.76	19.03	19.61	19.57	19.72	20.16	.....	.....	.....	.....
Eom	17.50	12.48	19.10	19.48	18.25	19.13	.....	20.38	.....	.....	.....	.....

h Tape measurement.

371033N0823743.1. Local number (KPC) S-2, 909.1-321.7. Chesapeake & Ohio Ry. Co. Jenkins. Drilled unused water-table well in sandstone and shale of Breathitt Formation of Middle Pennsylvanian age, diam 10 in, depth 146 ft. Lsd about 1,512 ft above msl. MP bottom edge of slot in casing, 4.00 ft below lsd. Highest water level 19.15 below lsd, Mar. 12, 1963; lowest 24.07 below lsd, Nov. 20, 1963. Records available: 1962-63. Recorder installed Mar. 28, 1962.

Water level at noon, from recorder graph, 1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	22.50	22.52	21.96	22.40	22.30	22.70	22.76	.....	22.83
10	.....	.....	.....	22.10	22.60	22.60	22.18	22.50	22.90	23.53	.....	22.65
15	.....	.....	.....	21.62	22.65	22.45	22.58	22.70	22.95	23.40	.....	22.60
20	.....	.....	.....	22.16	22.70	22.12	22.80	22.88	22.69	.....	.....	22.50
25	.....	.....	.....	22.27	22.85	22.30	22.48	23.10	22.76	.....	h22.50	.....
Eom	.....	.....	22.10	22.30	22.40	22.26	22.32	23.10	22.69	.....	22.60	22.05
1963												
5	22.40	21.70	19.70	.....	.....	.....	22.97	23.08	22.40	22.90	23.72	23.20
10	22.50	22.10	21.50	.....	.....	.....	22.90	23.20	22.75	22.75	23.82	23.50
15	22.10	22.10	21.19	.....	.....	.....	22.80	22.70	22.96	23.00	23.80	23.37
20	22.30	22.05	19.85	.....	h22.31	.....	22.93	22.56	22.88	23.25	24.07	23.30
25	22.25	22.10	h21.60	h22.47	.....	22.88	22.94	22.80	h22.85	23.24	24.05	23.74
Eom	22.30	22.15	.....	.....	.....	23.04	22.84	22.85	22.85	23.58	22.94	23.52

h Tape measurement.

Lincoln County

372641N0844229.1. Local number (KPC) S-2, 302.5-406.3. Formerly 8447-3725-3. W. Goebel Scott. Stanford. Dug unused water-table well in shale and sandstone of Mississippian age, diam 36 in, depth 15 ft, shored. Lsd about 985 ft above msl. MP base of recorder shelter, 3.30 ft above lsd. Highest water level 0.35 above lsd, Feb. 26, 1962; lowest 11.03 below lsd, Dec. 23-27, 1954. Records available: 1953-63.

Water level at noon, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.30	6.11	5.45	5.06	8.05	7.93	8.77	8.46	9.10	9.70	9.98	9.08
10	8.43	6.35	4.45	3.44	8.22	8.04	8.86	8.80	9.17	9.74	10.08	8.95
15	7.76	3.10	4.85	3.60	8.40	8.43	8.94	8.89	9.17	9.80	10.13	8.33
20	4.10	5.87	6.31	6.00	8.43	8.59	8.99	8.86	9.42	9.85	10.17	8.30
25	6.14	5.73	5.40	7.13	8.47	8.69	8.84	8.97	9.50	9.80	10.07	8.58
Eom	6.52	6.25	6.42	7.41	8.49	8.75	....	8.93	9.58	9.95	h9.47	7.84

h Tape measurement.

372641N0844229. 1--Continued.

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.85	7.73	5.80	4.53	7.90	8.10	6.11	8.89	9.05	9.29	9.60	8.93
10	7.90	5.77	6.25	6.42	6.02	8.53	7.98	8.57	9.12	9.45	9.55	8.92
15	5.36	6.13	5.65	6.90	7.37	8.66	8.49	8.82	9.20	9.50	9.23	8.49
20	6.69	5.20	3.60	7.42	8.05	8.60	8.66	8.88	9.15	9.55	9.09	8.64
25	7.66	4.55	3.78	7.52	8.32	7.35	8.75	9.00	9.25	9.58	9.02	8.54
Eom	7.91	4.46	3.95	7.62	7.21	6.06	8.83	9.01	9.27	9.50	9.00	7.67

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.70	7.71	3.14	3.74	5.66	8.54	8.64	8.68	8.85	9.18	9.46	9.04
10	8.14	6.18	3.90	3.72	3.00	6.37	8.72	8.81	8.91	9.25	9.45	8.03
15	7.88	7.09	5.80	3.25	6.80	2.40	8.30	8.86	9.01	9.30	9.50	8.00
20	7.04	7.12	6.17	5.30	6.92	7.08	7.92	8.84	8.96	9.23	9.53	7.14
25	7.84	3.35	4.81	6.73	7.72	8.23	8.78	8.53	9.01	9.33	9.34	7.67
Eom	8.20	2.24	4.60	6.20	8.33	8.53	8.60	8.78	9.10	9.33	9.16	7.62

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.82	7.24	5.23	4.60	6.03	8.57	8.71	9.24	10.11	10.27	9.23	....
10	7.35	5.94	4.34	4.25	7.05	8.71	8.83	9.36	10.26	9.80	9.00	....
15	6.96	6.90	5.23	4.35	7.25	8.36	8.88	9.50	10.35	9.48	8.75	....
20	7.38	6.49	6.60	6.97	8.04	8.54	9.00	9.67	10.44	9.37	....	8.93
25	6.13	5.05	5.54	7.57	8.43	8.64	8.97	9.82	10.53	9.30	....	8.12
Eom	6.80	1.84	2.55	7.97	8.58	8.67	9.12	9.99	10.56	9.21	8.75	8.02

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.44	7.63	2.43	7.67	8.61	7.80	8.35	8.39	9.09	9.77	9.98	10.62
10	8.45	8.00	6.25	7.95	8.57	8.27	8.79	8.67	9.17	9.83	10.02	10.71
15	8.47	7.75	....	8.25	8.65	8.85	8.82	8.70	9.29	9.89	10.11	10.43
20	8.45	7.24	....	8.27	8.61	8.73	8.71	8.89	9.36	9.91	10.17	10.48
25	....	6.77	6.33	8.62	8.13	8.84	8.85	8.97	9.50	9.93	10.23	10.55
Eom	8.59	6.98	7.14	8.48	6.65	8.84	7.60	9.06	9.62	9.97	10.25	10.57

e Estimated.

372739N0844021. 1. Local number (KPC) S-2, 312.8-412.3. Formerly 8440-3725-4. Omer Lewis. Stanford. Drilled unused water-table well in shale and sandstone of Mississippian age, diam 6 in, depth 33 ft. Lsd about 1,060 ft above msl. MP top of recorder shelter rim, 2.25 ft above lsd (since May 29, 1959). Highest water level 6.20 below lsd, Dec. 18, 1961; lowest 9.83 below lsd, July 2, 1954. Records available: 1953-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.94	7.03	....	7.71	8.09	8.35	8.31	7.51	7.11	6.93	6.58	6.67
10	7.12	7.00	7.30	7.77	8.22	8.22	8.27	7.48	6.98	6.87	6.63	6.79
15	6.89	....	7.30	7.64	8.29	8.29	8.30	7.54	6.98	6.67	6.66	6.74
20	6.85	....	7.49	7.47	8.30	8.34	8.18	7.30	7.06	6.71	6.65	6.60
25	6.95	....	7.53	7.73	8.33	8.40	8.01	7.15	6.90	6.56	6.61	6.53
Eom	7.12	....	7.72	7.86	8.35	8.36	7.71	7.11	6.92	6.70	h6.68	6.50

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.54	6.86	6.95	7.31	8.27	8.67	7.86	7.73	7.28	6.90	6.72	6.94
10	6.55	6.70	6.91	7.60	8.21	8.88	7.72	7.55	7.30	6.86	6.72	7.02
15	6.45	7.02	7.02	7.68	8.39	8.86	7.83	7.53	7.36	6.79	6.63	6.98
20	6.73	6.94	7.03	7.90	8.50	8.82	7.85	7.43	7.13	6.71	6.67	7.10
25	6.85	6.55	7.16	7.95	8.54	8.50	7.89	7.44	7.04	6.69	6.73	7.17
Eom	6.89	6.90	7.18	8.09	8.59	8.26	7.81	7.40	6.91	6.62	6.79	6.92

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.88	7.52	7.51	7.83	8.09	8.44	8.13	7.44	6.68	6.53	6.66	6.69
10	7.12	7.40	7.70	7.81	8.08	8.27	8.13	7.44	6.63	6.59	6.58	6.74
15	6.92	7.51	7.56	7.76	8.00	8.15	8.00	7.34	6.61	6.62	6.59	6.58
20	6.97	7.65	7.81	7.92	8.14	8.00	7.60	7.18	6.53	6.51	6.61	6.38
25	7.27	7.19	7.90	7.82	8.17	8.07	7.53	7.04	6.58	6.61	6.70	6.43
Eom	7.39	7.43	7.75	8.30	8.36	8.15	7.51	7.08	6.55	6.61	6.70	6.44

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.53	6.95	7.17	7.17	7.55	7.93	7.59	7.41	7.04	6.55	6.51	6.54
10	....	7.21	7.16	6.98	7.58	7.94	7.61	7.34	7.01	6.56	6.37	6.69
15	....	7.19	7.14	6.78	7.72	7.73	7.57	7.31	6.93	6.56	6.47	6.68
20	....	7.34	7.22	7.05	7.79	7.73	7.60	7.28	6.94	6.48	....	6.79
25	....	7.39	7.30	7.38	7.93	7.78	7.48	7.25	6.78	6.55	....	6.63
Eom	6.95	7.34	7.29	7.60	8.03	7.70	7.45	7.15	6.79	6.43	6.48	6.62

h Tape measurement.

372739N0844021.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.69	....	6.45	7.26	8.09	....	7.98	7.38	6.94	6.84	6.75	7.05
10	6.70	....	6.58	7.42	8.16	....	7.85	7.25	6.90	6.84	6.77	7.10
15	6.98	....	6.68	7.70	8.28	....	7.73	7.18	6.92	6.85	7.02	7.25
20	6.92	....	6.48	7.80	8.24	....	7.58	7.10	6.86	6.81	7.01	7.23
25	....	....	6.74	7.99	8.32	8.12	7.62	7.07	....	6.81	7.04	7.23
Eom	7.30	6.64	6.97	6.92	8.15	8.15	7.40	7.01	6.83	6.82	6.93	7.52

e Estimated.

Logan County

365108N0864559.1. Local number (KPC) S-1,702.6-190.6. Formerly 8645-3650-1. E. C. Cash. Auburn. Dug unused water-table well in Ste. Genevieve Limestone of Late Mississippian age, diam 28 in, depth 24 ft, shored. Lsd about 660 ft above msl. MP base of recorder shelter, 1.50 ft above lsd. Highest water level 0.49 below lsd, Feb. 27, 1962; lowest 17.07 below lsd, Dec. 5, 1953. Records available: 1952-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	12.19	12.00	14.63	16.07	12.30	16.07	16.09	16.06	16.16	16.02	15.97
10	16.10	13.38	12.00	15.10	16.08	12.58	16.08	16.02	16.11	16.04	16.07	16.01
15	16.00	6.03	13.20	15.35	16.10	15.04	16.06	16.06	16.11	16.03	16.10	12.07
20	12.49	10.41	14.34	15.62	16.10	15.93	16.08	16.08	16.00	16.05	16.04	12.06
25	9.31	10.60	15.13	16.01	16.05	16.06	16.09	16.09	16.12	16.07	16.06	13.74
Eom	11.00	11.59	15.58	16.06	15.59	16.06	16.08	16.10	16.15	16.13	14.85	10.50

1960

5	h12.02	11.00	12.90	9.19	16.00	16.00	10.55	15.96	16.11	16.11	16.20	e15.95
10	12.90	8.30	13.80	11.63	16.01	16.04	12.54	e16.00	16.12	16.12	16.05	e15.70
15	9.46	10.97	13.68	13.18	16.01	16.06	13.68	e16.03	16.12	16.13	16.05	15.08
20	11.11	11.30	6.70	14.44	16.02	16.05	14.77	e16.03	16.06	16.14	16.05	15.98
25	12.77	11.20	8.89	15.25	16.08	16.06	15.60	16.06	16.09	16.15	16.02	16.07
Eom	13.92	11.51	10.25	15.79	16.07	16.28	15.95	16.09	16.11	16.20	e16.00	14.70

1961

5	14.73	15.22	7.02	11.20	9.35	15.34	15.00	15.80	15.84	15.90	15.73	15.84
10	15.40	11.98	7.40	10.90	9.28	10.68	15.82	15.83	14.91	15.91	15.82	8.09
15	15.61	12.99	10.05	7.80	11.30	4.59	15.86	15.86	15.75	15.91	15.84	9.80
20	14.28	13.70	11.83	9.60	10.52	9.60	15.87	15.87	15.83	15.91	15.01	8.12
25	14.79	6.96	11.41	9.80	12.28	11.82	15.86	15.83	15.88	15.92	15.54	10.59
Eom	15.52	5.07	12.60	10.92	14.18	13.60	15.87	15.83	15.92	15.92	15.84	11.41

1962

5	11.89	11.53	....	9.10	....	4.60	15.77	15.74	15.78	15.69	15.78	15.75
10	9.39	8.98	7.68	4.52	....	14.85	15.78	15.74	15.73	15.70	15.73	15.76
15	9.28	11.10	9.41	8.87	....	15.12	15.78	15.76	15.78	15.72	15.71	15.77
20	11.31	11.38	10.93	11.00	....	15.68	15.79	15.77	15.79	15.73	15.70	15.77
25	6.03	8.33	9.38	12.57	....	15.77	15.79	15.77	15.79	15.72	15.73	15.70
Eom	9.61	1.33	5.40	....	h15.79	15.77	15.73	15.77	15.79	15.77	15.73	15.19

1963

5	15.55	15.38	4.09	12.40	15.18	15.71	15.73	15.70	15.50	....	15.78	15.85
10	15.70	15.59	8.95	13.90	15.63	15.71	15.73	15.71	15.63	....	15.80	15.86
15	15.72	14.17	8.11	15.03	15.67	15.72	15.78	15.70	15.68	....	15.80	15.73
20	15.72	14.43	8.21	15.64	15.69	15.72	15.66	15.64	15.69	....	15.83	15.74
25	15.73	14.74	10.87	15.67	15.70	15.72	15.69	15.66	15.71	....	15.82	....
Eom	15.74	15.16	10.52	14.94	15.70	15.73	15.68	14.80	e15.71	15.77	15.83	15.73

e Estimated.

h Tape measurement.

Lyon County

370112N0881124.1. Local number (KPC) S-1,287.7-259.2. U. S. Army Engineer District, Nashville. Near Barkley Dam. Drilled unused water-table well in Warsaw Limestone of Late Mississippian age, diam 5 in, depth 40 ft. Lsd 371.95 ft above msl. MP base of recorder shelter, 4.50 ft above lsd. Highest water level 11.90 below lsd, May 15, 1961; lowest 39.59 below lsd, Dec. 12, 1959. Records available: 1959-63. Recorder removed Sept. 6, 1963; measurement discontinued.

370112N0881124.1--Continued.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.85	35.70	37.45	38.70	39.50
10	34.18	36.05	37.74	38.87	39.57
15	h32.23	33.40	36.29	37.94	39.00	39.45
20	32.58	34.71	36.58	38.13	39.17	38.67
25	33.94	35.03	36.90	38.31	39.29	37.96
Eom	33.45	35.38	37.18	38.56	39.43	37.00

1960

5	e37.30	32.08	28.83	24.37	23.94	25.08	26.34	28.55	31.39	33.72	35.93	37.05
10	35.66	31.19	28.37	24.53	23.81	25.64	26.33	29.05	31.73	34.11	36.28	37.02
15	34.64	30.64	27.92	24.53	24.09	26.11	26.73	29.52	32.19	34.43	36.55	36.37
20	33.87	30.20	25.95	24.79	24.38	26.67	27.13	29.95	32.59	34.82	36.77	36.11
25	33.11	29.51	25.10	24.34	24.22	27.14	27.54	30.41	32.97	35.15	36.98	35.98
Eom	32.50	29.32	24.72	24.10	24.70	26.60	28.07	30.95	33.33	35.53	36.92	35.77

1961

5	35.09	31.66	23.38	16.69	12.83	14.94	18.66	e23.15	25.82	28.84	31.40	33.11
10	34.47	30.58	20.65	15.31	11.91	e15.71	e19.33	e23.30	26.38	29.27	31.74	32.78
15	33.84	30.24	18.75	14.00	11.90	e16.31	20.12	23.50	26.96	29.73	32.10	32.21
20	32.97	29.30	18.21	13.83	11.93	16.43	20.56	24.05	27.38	30.10	32.47	31.17
25	32.30	26.67	17.39	12.91	12.77	e17.12	21.18	24.63	27.88	30.51	32.70	30.14
Eom	31.71	25.59	16.77	12.99	13.94	17.86	e22.44	25.30	28.36	30.98	32.91	29.37

1962

5	29.12	22.97	16.57	12.90	14.94	.....	25.00	29.18	32.30	33.28	34.91	36.49
10	28.68	22.52	15.56	13.15	15.64	.....	25.72	29.74	32.69	33.63	35.20	36.81
15	27.76	21.98	15.21	12.61	16.64	.....	26.60	30.42	32.83	34.00	35.48	37.12
20	27.15	21.31	14.95	12.96	17.41	.....	27.30	30.83	32.82	34.17	e35.68	37.42
25	25.26	19.50	14.09	13.55	18.37	e23.60	27.82	31.40	32.83	34.44	e35.80	37.74
Eom	23.54	17.03	12.75	14.39	e19.50	e24.00	28.58	32.00	32.98	34.63	h36.24	38.03

1963

5	38.09	38.85	38.00	28.77	29.65	31.55	34.43	37.17	39.55	.....	.....	.....
10	38.13	e38.95	.....	28.62	29.65	31.96	34.91	37.55	.....	.....	.....	.....
15	38.25	e39.05	.....	28.89	29.92	32.45	35.36	37.93	.....	.....	.....	.....
20	38.36	e39.13	.....	29.22	30.32	32.88	35.78	38.25	.....	.....	.....	.....
25	38.50	e39.20	.....	29.74	30.73	33.41	36.24	38.76	.....	.....	.....	.....
Eom	38.71	h39.30	29.29	29.71	31.03	33.33	36.77	39.26	.....	.....	.....	.....

e Estimated.

h Tape measurement.

McCracken County

370142N0883131.1. Local number (KPC) S-1, 190.1-264.9. Formerly 8830-3700-87. Ashland Oil & Refining Co. Paducah. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age (previously reported Ripley Formation), diam 5 in, depth 227 ft. Lsd 384.47 ft above msl. MP top of casing, 1.90 ft above lsd. Highest water level 57.53 below lsd, May 19, 1961; lowest 79.70 below lsd, Oct. 21, 1954. Records available: 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	77.51	66.25	69.04	72.92	74.77	76.06	77.59	78.07	78.08	78.20	77.93	.....
10	78.37	70.07	70.40	72.55	74.18	76.65	77.98	78.17	78.09	.....	77.88	76.73
15	.....	69.08	70.78	71.57	74.92	.....	77.92	78.21	78.10	78.36	77.00	74.61
20	76.18	66.08	70.71	71.18	.....	.....	78.17	78.21	78.15	.....	77.96	.....
25	.....	64.91	71.56	71.70	.....	77.19	78.10	77.99	78.08	77.90	77.12	.....
Eom	.....	65.88	72.58	73.98	75.91	77.52	78.06	78.04	77.90	77.96	77.93	.....

1960

5	h73.24	74.04	69.69	.....	75.86	76.10	73.37	77.60	77.75	77.92	77.92	.....
10	72.80	.....	71.14	.....	75.94	77.30	73.10	77.75	77.80	77.94	h73.03	77.92
15	72.37	.....	73.58	.....	74.61	77.30	.....	77.67	.....	77.93	77.01	77.92
20	70.36	.....	.....	72.35	74.10	77.64	77.13	77.66	77.94	77.97	77.95	77.78
25	69.57	.....	.....	h70.45	74.76	.....	77.27	77.86	77.98	77.92	.....	.....
Eom	72.52	.....	72.25	74.67	75.46	73.99	77.49	77.91	77.93	77.92	.....	.....

1961

5	.....	78.18	67.00	.....	64.63	.....	.....	78.00	77.81	.....	.....	78.34
10	78.53	.....	62.72	.....	62.14	.....	.....	77.93	h77.88	77.52	.....	.....
15	.....	78.52	61.09	.....	58.62	.....	h77.62	78.06	78.03	77.44	.....	.....
20	.....	77.97	60.43	65.32	57.59	h70.40	77.11	.....	.....	77.71	.....	.....
25	.....	71.75	.....	h65.32	.....	71.04	77.12	77.53	.....	77.65	.....	.....
Eom	78.29	h69.81	.....	.....	.....	.....	77.45	77.70	.....	77.26	.....	.....

h Tape measurement.

370142N0883131.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	74.59	64.37	h62.44	59.22	70.02	76.10	77.22	77.71	.....	.....	78.05	78.14
10	.....	66.70	.....	59.81	72.50	77.16	77.30	77.80	77.56	h78.16	77.98	.....
15	.....	70.87	.....	59.16	74.49	77.12	77.27	78.06	77.76	78.08	78.43	.....
20	.....	72.49	.....	59.23	75.82	77.72	77.97	77.84	77.81	78.15	78.40	.....
25	.....	70.57	.....	62.55	76.04	77.02	77.50	77.14	.....	78.08	78.68	.....
Eom	h65.31	.....	59.43	67.52	76.02	76.98	77.66	.....	.....	78.11	h78.12	h78.27
1963												
5	h78.29	h78.54	.....	60.52	74.52	78.15	78.42	78.40	78.43	78.56	78.42	78.63
10	h78.11	.....	.....	65.13	76.48	78.65	h78.49	78.43	78.42	78.55	78.52	78.58
15	78.47	.....	.....	70.87	77.27	h79.07	78.25	78.33	h78.41	78.63	78.72	78.60
20	.....	h78.61	59.70	.....	77.39	.....	78.32	.....	.....	78.53	78.52	78.72
25	.....	.....	58.18	.....	78.17	.....	78.32	.....	.....	78.56	78.48	78.63
Eom	h78.34	78.74	58.07	76.10	78.22	78.26	78.22	78.35	78.47	78.48	78.32	h78.82

h Tape measurement.

370259N0883423.1. Local number (KPC) S-1, 176.2-272.8. Formerly 8850-3700-135. Mrs. J. C. Morgan. Meacham Lane, Paducah. Dug unused water-table well in alluvium of Quaternary age, diam 36 in, depth 39 ft, shored. Lsd 347.93 ft above msl. MP top of concrete well cover, 2.36 ft above lsd. Highest water level 0.91 below lsd, Feb. 27, 1962; lowest 15.29 below lsd, Nov. 16, 1956. Records available: 1950-63. Recorder removed Dec. 31, 1963; measurement discontinued.

Water level at noon, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	5.73	4.55	6.03	7.72	....	....	....	....	10.67	7.75	....
10	9.81	5.57	4.77	6.23	8.02	....	10.36	....	....	10.35	7.45	....
15	9.65	4.16	5.12	6.50	7.04	....	10.83	....	....	6.65	....	....
20	7.65	4.09	5.58	6.59	7.32	....	11.18	....	....	8.07	7.43	....
25	4.46	4.88	5.89	7.00	7.84	....	11.37	....	11.30	8.23	....	....
Eom	5.08	4.17	5.93	7.22	....	....	....	10.48	10.25	8.87	....	....

1960												
5	h5.03	....	5.08	5.05	4.96	7.12	6.80	9.51	11.91	12.87	17.76	11.37
10	....	....	5.07	5.50	4.65	7.90	7.53	9.98	12.05	12.67	h12.54	10.08
15	....	....	3.62	5.45	5.32	8.23	8.28	10.52	12.08	12.63	12.32	8.10
20	....	....	3.96	5.46	5.86	8.81	8.79	10.74	12.37	12.66	12.01	9.02
25	....	....	4.64	h5.02	h5.92	8.22	9.03	11.09	12.60	12.73	11.65	9.24
Eom	....	....	4.78	5.16	6.50	5.89	9.00	11.57	12.68	12.52	11.36	7.50

1961												
5	6.54	7.07	3.49	3.99	4.42	6.67	8.28	8.90	10.55	12.43	12.81	9.69
10	6.95	5.21	3.63	3.61	3.11	6.53	8.89	9.64	10.96	h12.67	12.77	5.98
15	5.77	5.43	3.50	3.58	4.54	5.40	9.18	h9.47	11.37	12.91	12.70	6.55
20	5.74	4.69	4.43	4.13	4.93	h5.47	9.57	9.97	11.57	12.97	12.01	5.93
25	6.44	3.10	4.04	h4.29	5.23	6.52	10.05	9.60	11.95	13.05	9.13	6.17
Eom	6.94	h3.16	4.59	4.58	5.84	7.61	9.31	10.04	12.21	13.07	9.91	6.62

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
	1962											
5	6.77	5.47	4.17	4.20	6.17	8.08	8.79	10.99	10.86	10.07	9.43	9.50
10	5.93	4.99	4.25	4.70	6.34	8.07	8.07	.....	11.19	10.45	9.38	9.76
15	5.24	5.73	4.82	4.38	6.98	8.28	8.75	11.88	8.23	9.87	9.36	9.83
20	5.78	4.88	5.03	5.05	7.50	8.56	9.35	12.19	9.33	9.31	9.28	9.98
25	4.32	3.53	4.25	5.58	8.12	7.83	9.88	12.12	9.59	8.57	9.51	9.18
Eom	5.04	2.67	2.57	6.02	8.20	8.15	10.57	11.92	9.73	9.07	9.52	h9.20

1963												
5	....	....	3.54	5.03	6.97	8.41	10.60	11.46	11.66	12.97	13.37	13.50
10	....	....	4.68	5.42	7.40	9.02	10.97	11.40	11.94	13.07	13.44	13.52
15	....	....	4.48	5.93	7.86	9.51	10.94	11.03	11.93	13.27	13.53	13.55
20	....	7.22	4.42	6.13	8.41	9.48	10.74	11.31	12.16	13.37	13.48	13.55
25	....	7.17	5.07	6.76	8.78	9.78	11.22	11.52	12.46	13.45	13.49	13.49
Eom	8.44	7.17	4.53	6.58	7.88	10.13	10.96	11.47	12.64	13.47	13.44	13.60

h Tape measurement.

370848N0884624.1. Local number (KPC) S-1, 119.0-310.2. U. S. Tennessee Valley Authority Shawnee Steam Plant. Drilled unused artesian well in alluvium of Quaternary age, diam 12 in, depth 86 ft, screened 76-86. Lsd about 365 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 39.86 below lsd, Mar. 26, 1962; lowest 53.74 below lsd, Dec. 30, 1963. Records available: 1958-63.

370848N0884624. 1--Continued.

Water level at noon, from recorder graph, 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	52.27
10	52.15
15	52.00	52.12
20	52.06	52.43
25	51.79	52.62
Eom	52.25	52.50

1959

5	52.68	.....	47.77	48.91	49.24	49.64	.....	52.02	52.56	.....	53.15	52.81
10	52.45	49.93	48.34	48.98	49.15	49.68	51.23	52.07	52.74	.....	53.03	52.40
15	52.42	.....	48.28	48.68	49.47	.....	51.49	52.18	52.63	.....	53.17	52.21
20	52.09	.....	48.53	48.71	49.58	.....	51.67	52.27	52.90	.....	53.02	51.63
25	51.36	.....	48.70	48.56	49.52	.....	51.87	52.38	52.87	53.03	53.20	.....
Eom	50.65	.....	48.80	48.85	49.56	.....	51.79	52.45	53.07	53.13	53.04	.....

1960

5	h50.95	49.50	48.98	48.08	47.98	48.36	.....	.....	.....	.....	52.74	52.78
10	50.55	49.26	48.63	47.56	48.19	48.76	.....	.....	.....	.....	h52.96	52.82
15	50.45	49.57	48.45	46.63	48.15	49.12	.....	.....	.....	52.28	52.48	52.65
20	50.22	49.30	49.33	46.34	48.10	48.98	.....	.....	51.71	52.41	52.81	52.64
25	49.47	48.27	48.74	h46.80	47.97	49.36	.....	.....	.....	52.40	52.80	53.02
Eom	49.65	h49.25	48.52	47.81	48.32	48.65	.....	.....	.....	52.40	53.11	52.77

1961

5	52.47	52.76	49.65	45.51	44.66	44.81	46.67	47.97	49.42	50.37	51.44	50.87
10	52.50	52.48	48.73	45.88	43.92	45.38	47.21	48.11	49.62	h50.42	50.95	51.09
15	52.32	52.32	47.04	45.37	42.23	45.62	47.58	h48.33	49.99	50.74	51.08	50.56
20	52.43	52.33	46.47	45.30	42.06	h44.83	47.59	48.53	49.67	50.88	51.38	49.96
25	52.60	51.05	45.79	h44.65	41.54	45.13	47.74	48.95	49.99	51.13	51.05	49.03
Eom	52.30	h50.93	45.12	44.78	43.54	45.99	47.82	49.17	49.99	51.09	50.83	48.58

1962

5	48.83	46.05	43.68	40.50	43.06	.....	47.90	49.13	50.50	50.93	51.60	51.10
10	49.48	46.20	42.28	40.27	43.67	.....	48.06	49.39	50.65	51.09	51.59	51.33
15	48.69	46.00	42.16	40.33	44.67	.....	48.25	49.57	50.61	51.13	51.25	51.24
20	48.52	46.68	40.96	40.03	45.01	h47.01	48.32	49.87	50.76	51.03	50.88	51.57
25	47.81	46.48	40.83	40.27	45.73	.....	48.58	50.10	50.79	51.42	51.12	51.60
Eom	46.72	45.79	40.60	41.91	46.27	.....	48.87	50.23	50.91	51.35	50.93	51.12

1963

5	51.02	51.43	50.85	44.02	47.25	48.77	50.02	50.96	51.75	52.43	52.76	53.27
10	50.88	51.01	50.14	44.57	47.70	48.95	50.26	51.10	51.86	52.47	53.00	53.35
15	51.45	51.35	48.54	45.73	48.20	49.10	50.41	51.23	51.99	52.55	53.07	53.45
20	50.90	50.99	46.64	46.87	48.54	49.24	50.45	51.37	52.01	52.60	53.00	53.40
25	51.02	51.10	45.45	47.43	48.43	49.68	50.75	51.50	52.17	52.69	53.18	53.36
Eom	51.33	51.23	44.24	47.77	48.64	49.88	50.81	51.68	52.44	52.58	53.23	53.45

h Tape measurement.

McCreary County

365138N0842641. 1. Local number (KPC) S-2, 381.84-194.62. Elmer Taylor. 4.5 mi northeast of Parkers Lake. Drilled unused water-table well in sandstone and shale of Lee Formation of Pennsylvanian age, diam 6 in, depth 45 ft. Lsd 1, 176.54 ft above msl. MP top edge of tile casing, 0.90 ft above lsd. Highest water level 16.18 below lsd, Mar. 11, 1963; lowest 29.61 below lsd, Mar. 11, 1958. Records available: 1958-63. Recorder installed Aug. 8, 1961.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1958	29.61	Nov. 18, 1959	28.03	July 11, 1960	26.13	Feb. 3, 1961	26.63
Apr. 29, 1959	27.39	Dec. 16	27.48	Aug. 24	25.70	Mar. 2	26.39
May 26	27.55	Jan. 13, 1960	26.81	Sept. 14	26.54	Apr. 19	25.76
June 26	27.51	Feb. 22	26.75	Oct. 14	26.80	May 12	24.96
Aug. 1	27.44	Mar. 22	26.53	Nov. 11	27.44	June 2	25.75
Sept. 3	27.48	Apr. 12	26.47	Dec. 9	27.37	28	25.19
30	27.60	May 12	25.82	Jan. 11, 1961	27.37	July 31	25.42
Oct. 29	27.75	June 15	25.94				

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.34	26.27	27.05	27.07
10	25.66	26.41	26.73	27.05
15	25.82	26.41	26.85	27.30
20	25.33	26.27	26.50	.....
25	25.70	26.35	26.82	.....
Eom	25.84	26.58	26.79	.....

365138N0842641.1--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.77	25.69	h25.19	21.44	25.05	24.48	24.65	.....	.....	26.20	26.68	26.25
10	27.20	26.18	.....	h20.85	24.80	25.03	.....	.....	.....	26.37	26.45	26.48
15	23.43	26.08	.....	.....	25.32	24.55	h25.09	.....	h26.00	26.40	26.75	26.40
20	.....	26.22	h23.40	.....	24.63	24.35	.....	h25.81	26.30	26.30	.....	26.60
25	26.08	21.14	.....	h24.76	24.62	24.65	.....	.....	26.16	26.68	h26.92	26.63
Eom	26.28	.....	21.15	25.62	24.77	24.81	.....	.....	26.30	26.40	26.68	26.65
1963												
5	26.40	26.25	21.35	25.23	25.25	24.48	24.88	25.20	25.40	26.28	26.41	26.93
10	26.04	25.85	25.45	24.82	24.90	24.89	24.60	25.03	25.60	26.23	26.50	26.92
15	26.45	26.25	25.42	25.26	25.18	24.72	24.56	25.35	25.90	26.45	27.03	27.23
20	.....	25.65	24.88	25.05	25.14	24.45	24.60	25.20	25.75	26.36	26.42	27.04
25	.....	25.74	25.21	25.40	24.45	25.32	25.48	24.90	h26.04	26.45	26.93	26.75
Eom	26.30	25.72	25.26	24.50	24.77	25.00	24.90	25.56	25.97	26.49	26.56	26.80

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.40	26.25	21.35	25.23	25.25	24.48	24.88	25.20	25.40	26.28	26.41	26.93
10	26.04	25.85	25.45	24.82	24.90	24.89	24.60	25.03	25.60	26.23	26.50	26.92
15	26.45	26.25	25.42	25.26	25.18	24.72	24.56	25.35	25.90	26.45	27.03	27.23
20	.....	25.65	24.88	25.05	25.14	24.45	24.60	25.20	25.75	26.36	26.42	27.04
25	.....	25.74	25.21	25.40	24.45	25.32	25.48	24.90	h26.04	26.45	26.93	26.75
Eom	26.30	25.72	25.26	24.50	24.77	25.00	24.90	25.56	25.97	26.49	26.56	26.80

h Tape measurement.

Ohio County

372503N0865246.1. Local number (KPC) S-1, 672.0-396.7. Leslie B. Wright. Beaver Dam. Drilled unused artesian well in Tradewater Formation of Middle Pennsylvanian Series, diam 7 in, depth 298 ft, cased to 220. Lsd about 463 ft above msl. MP top of steel casing, 1.30 ft above lsd. Highest water level 130.91 below lsd, May 2, 1960; lowest 153.93 below lsd, Feb. 22, 1963. Records available: 1956-63. Recorder installed June 21, 1961.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 2, 1956	145.89	Aug. 3, 1957	136.75	Nov. 24, 1958	135.97	Jun. 2, 1960	131.12
31	146.39	Sept. 4	137.99	Dec. 24	135.66	28	131.87
May 1	144.39	Oct. 7	138.68	Jan. 29, 1959	135.09	July 25	132.64
June 29	141.35	Nov. 6	138.28	Mar. 30	134.73	Aug. 29	133.10
July 28	141.40	Dec. 8	136.92	Apr. 30	134.57	Sept. 27	133.21
Sept. 28	141.41	Jan. 8, 1958	136.36	May 27	135.35	Nov. 1	133.72
Oct. 26	140.81	Feb. 6	134.48	July 14	135.52	30	134.16
Nov. 27	140.32	Mar. 6	133.98	Aug. 26	135.71	Dec. 14	134.84
Dec. 17	139.79	Apr. 2	134.25	Sept. 17	135.26	Jan. 11, 1961	135.43
Jan. 18, 1957	138.95	30	134.57	Oct. 26	134.72	Fel. 7	135.74
Feb. 16	137.87	June 4	134.33	Nov. 23	134.17	Mar. 8	135.25
Mar. 20	136.92	July 2	134.69	Jan. 4, 1960	133.23	Apr. 5	134.97
Apr. 19	135.68	Aug. 4	134.97	Fel. 12	132.16	May 5	134.28
May 21	135.08	Sept. 4	137.00	Mar. 19	131.42	June 1	133.56
June 19	135.23	24	136.72	May 2	130.91	21	133.58
July 16	136.01	Nov. 6	136.09				

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	134.21	136.32	139.40	141.29	.....	.....
10	134.52	137.08	.....	141.34	.....	.....
15	134.70	137.75	.....	.....	.....	.....
20	134.81	138.10	.....	.....	.....	.....
25	133.94	135.21	138.57	.....	.....	.....	.....
Eom	134.03	135.87	138.97	141.00	.....	.....	140.46

1962												
5	140.17	.....	.....	h142.30	142.39	143.97	144.99	.....	149.31	151.37	152.38	152.61
10	139.90	.....	.....	.....	142.44	144.31	145.41	.....	149.59	151.55	152.32	152.84
15	139.90	.....	.....	.....	142.84	144.56	145.53	.....	149.75	151.58	152.50	152.65
20	139.58	.....	.....	.....	.....	144.68	146.14	.....	150.00	151.56	152.60	152.96
25	.....	h130.86	.....	142.10	.....	144.93	146.46	.....	h151.10	152.05	153.10	153.07
Eom	h140.50	.....	.....	142.07	143.86	145.07	.....	148.82	151.33	151.91	152.96	153.37

1963												
5	153.15	153.32	153.10	153.00	152.83	152.60	152.97	152.31	152.36	152.10	151.00	150.57
10	152.62	152.94	153.65	152.65	152.66	152.44	152.82	152.19	152.30	151.90	151.03	150.55
15	153.40	153.81	153.63	152.77	152.85	152.76	152.64	152.31	152.45	151.90	151.40	150.80
20	152.79	153.10	153.12	152.55	153.05	152.76	152.89	152.29	152.10	151.70	150.95	150.55
25	153.40	153.40	153.20	152.75	153.05	153.21	152.61	152.19	152.25	151.60	150.90	150.24
Eom	153.13	153.50	153.05	.....	152.82	153.01	152.34	152.43	152.14	151.20	150.45	151.41

e Estimated.

h Tape measurement.

Pulaski County

365945N0843635.1. Local number (KPC) S-2, 332.3-243.3. Formerly 8435-3655-1.

Richard Bausch. Burnside. Drilled unused water-table well in limestone of Fort Payne (?) Chert of Early Mississippian age, diam 6 in, depth 146 ft, cased to 10. Lsd about 835 ft above msl. MP base of recorder shelter, 1.45 ft above lsd. Highest water level 71.42 below lsd, Dec. 14, 1956; lowest 90.99 below lsd, Nov. 8, 1952. Records available: 1952-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	81.38	81.80	82.09	82.23	82.26	81.97	82.50	82.65	82.74	83.16	82.78	81.82
10	81.00	81.94	82.09	82.22	82.37	82.26	82.49	82.61	82.75	82.94	82.74	81.77
15	80.90	81.98	82.10	82.12	82.40	82.39	82.53	82.70	82.78	82.97	82.73	81.81
20	81.09	82.10	82.13	82.14	82.37	82.42	82.60	82.73	82.89	82.93	82.55	81.94
25	81.32	82.03	82.12	82.16	82.25	82.47	82.61	82.80	82.97	82.85	82.98	82.12
Eom	81.79	82.03	82.17	82.16	82.23	82.49	82.66	82.78	83.07	82.86	82.17	82.15

1960

5	82.08	82.28	81.71	81.92	82.14	82.17	82.15	82.59	82.70	82.84	82.96	82.81
10	82.07	82.14	81.52	82.01	82.03	82.24	82.30	82.59	82.78	82.91	82.01	82.72
15	82.01	82.16	81.30	82.14	82.26	82.20	82.21	82.57	82.79	83.12	82.89	82.50
20	82.01	82.09	81.48	82.25	82.15	82.11	82.36	82.57	82.61	82.24	82.98	82.51
25	82.02	81.95	81.74	82.26	82.21	81.97	82.49	82.45	82.62	83.19	82.89	82.48
Eom	82.18	81.93	81.93	82.13	82.14	82.08	82.52	82.61	82.79	83.12	82.83	82.33

1961

5	82.21	82.54	82.13	82.28	82.16	82.18	81.93	82.14	82.16	82.35	82.29	81.89
10	82.56	82.51	82.10	82.34	82.12	82.11	81.95	82.37	82.19	82.49	82.27	81.75
15	82.65	82.67	82.13	82.13	82.15	82.05	82.04	82.43	83.11	82.47	82.23	81.68
20	82.64	82.74	82.16	82.14	82.25	81.93	82.01	82.39	82.38	82.40	82.08	81.61
25	82.60	82.50	82.19	82.22	82.25	81.92	82.00	82.27	82.33	82.31	81.87	81.60
Eom	82.52	82.29	82.23	82.33	82.15	81.92	81.98	82.16	82.34	82.27	81.83	81.68

1962

5	81.82	81.88	81.66	81.85	82.10	81.96	81.77	81.88	82.03	81.89	82.00	81.99
10	81.80	81.90	81.71	81.60	82.22	81.88	81.79	81.88	82.00	81.90	81.77	82.00
15	81.68	81.80	81.60	81.32	82.22	81.79	81.82	81.91	82.00	81.95	81.87	82.00
20	81.67	81.82	81.83	81.76	82.16	81.76	81.90	81.95	81.96	81.97	.....	81.98
25	81.64	81.82	81.90	81.92	82.14	81.78	81.94	81.96	81.96	82.00	.....	81.77
Eom	81.77	81.59	82.06	81.95	82.02	81.77	81.91	82.01	81.96	82.01	81.95	81.60

1963

5	81.79	80.08	79.88	81.77	81.87	81.54	81.80	81.30	81.57	81.97	82.09	81.83
10	81.86	81.30	80.93	81.80	81.87	81.32	81.30	81.33	81.53	82.02	82.07	81.70
15	81.73	80.43	80.54	81.83	81.87	81.32	81.06	81.41	81.58	82.03	82.06	80.79
20	81.80	79.80	79.87	81.83	81.52	81.10	81.40	81.50	81.57	82.03	82.05	81.40
25	.....	81.04	81.20	81.87	81.77	81.23	81.01	81.60	.....	82.07	82.03	81.58
Eom	79.49	81.11	81.63	81.87	81.46	81.64	80.98	81.57	81.78	82.09	81.59	80.97

e Estimated.

h Tape measurement.

Spencer County

380356N0852530.1. Local number (KPC) N-1, 661.2-208.2. Formerly 8525-3800-14.

R. L. Workman. Plum Creek. Dug unused water-table well in limestone, diam 24 in, depth 14 ft, shored. Lsd about 538 ft above msl. MP base of recorder shelter, 2.20 ft above lsd (since June 2, 1960). Highest water level 0.94 below lsd, Apr. 4, 1957; lowest 10.87 below lsd, Oct. 13, 1957. Records available: 1955-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.12	.....	8.15	.....	9.56	9.66	10.19	10.37	9.77	10.63	9.37	7.62
10	7.88	7.87	.....	9.58	9.80	10.30	10.50	10.10	10.60	8.98	8.09
15	4.95	8.05	.....	9.52	9.87	10.37	10.55	10.24	10.60	9.01	e7.95
20	7.91	8.44	.....	9.57	9.95	10.48	10.59	10.42	10.55	8.79	e7.75
25	7.81	8.94	.....	9.57	9.95	10.47	10.52	10.52	10.50	7.78	e7.58
Eom	8.13	8.86	.....	9.47	10.05	10.22	10.56	10.58	9.45	e6.76	e7.37

1960

5	e7.25	7.55	.....	7.40	9.28	9.55	6.50	9.98	10.56	10.60	.....	6.50
10	7.44	2.25	8.30	7.92	9.44	9.64	8.90	9.91	10.58	.....	.....	6.12
15	2.00	7.08	6.59	8.42	9.52	9.62	9.62	10.15	10.58	e7.40	.....	6.37
20	6.80	7.07	6.98	8.58	9.61	9.32	9.74	10.28	10.52	.....	7.46	7.17
25	7.62	6.40	7.55	9.01	9.62	h5.79	9.85	10.40	10.53	.....	6.63	6.72
Eom	8.08	e7.05	7.75	9.25	8.30	6.07	9.96	10.50	10.56	.....	5.94	6.33

e Estimated.

h Tape measurement.

380356N0852530. 1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.83	8.38	1.32	6.76	7.65	9.50	9.77	9.92	10.47	10.63	10.72	9.16
10	5.69	7.07	5.32	5.70	3.30	4.45	9.85	10.02	10.54	10.65	10.75	7.35
15	4.50	6.93	6.69	6.10	7.34	7.00	7.25	10.03	10.57	10.67	10.71	7.07
20	5.85	5.95	5.85	7.05	7.94	7.99	8.72	10.16	10.61	10.63	10.65	6.40
25	7.05	1.51	6.05	5.45	8.75	9.43	9.57	10.27	10.63	10.70	10.05	6.87
Eom	7.66	1.50	7.14	7.65	9.69	9.69	9.80	10.39	10.65	10.72	9.29	7.10
1962												
5	7.67	7.20	6.58	6.70	8.65	8.15	9.59	9.84	10.04	7.45	9.27	8.22
10	6.70	4.90	5.65	7.46	8.88	9.07	9.31	9.95	9.77	7.92	6.40	8.85
15	7.05	6.87	6.64	7.12	7.82	7.30	9.69	10.08	9.57	e8.50	7.02	9.11
20	7.25	7.49	7.39	7.67	8.93	9.05	9.33	10.22	9.62	e8.75	6.17	9.50
25	4.46	4.05	6.70	8.08	9.57	9.60	9.39	10.37	9.64	e9.00	7.25	7.66
Eom	6.43	1.93	1.53	8.41	6.81	9.67	9.70	10.45	9.57	8.93	7.73	6.45
1963												
5	7.98	8.49	2.25	7.89	9.26	9.53	9.78	9.65	9.78	10.14	10.37	10.17
10	8.19	8.67	7.92	8.24	9.45	9.62	9.60	9.78	9.88	10.23	10.32	10.10
15	8.20	8.40	7.29	8.68	9.45	9.07	9.05	9.70	9.20	10.30	10.30	10.00
20	8.24	8.48	5.20	8.98	7.84	9.60	7.50	7.99	9.86	10.33	10.30	9.97
25	8.87	8.57	7.66	9.23	8.52	9.67	7.60	9.39	9.98	10.35	10.27	9.97
Eom	9.32	8.57	7.55	8.97	9.36	9.72	9.43	9.63	10.04	10.36	10.24	10.00

e Estimated.

Taylor County

372353N0852226. 1. Local number (KPC) S-2, 109.4-387.9. Formerly 8527-3720-30. E. F. Noe, Campbellsville. Drilled unused water-table well in Warsaw Limestone of Late Mississippian age, diam 6 in, depth 40 ft, cased to 30. Lsd about 875 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 8.33 below lsd, Feb. 27, 1962; lowest 33.65 below lsd, Dec. 30, 1963. Records available: 1957-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	h27.73	22.41	22.27	25.69	27.16	.....	.....	.....	30.25	31.24	30.60	20.80
10	27.35	23.35	19.35	26.05	27.39	.....	.....	28.98	30.40	30.01	29.90	17.55
15	14.25	22.50	21.10	24.10	27.60	.....	.....	29.40	30.55	30.36	30.30	14.80
20	.....	22.85	23.33	25.06	.....	.....	.....	29.71	30.80	30.73	30.28	17.45
25	.....	22.70	24.76	26.17	.....	.....	.....	30.01	30.91	30.71	29.86	20.83
Eom	.....	21.46	25.32	26.73	.....	.....	.....	29.86	31.04	30.52	17.30	14.25
1960												
5	e17.50	22.85	17.23	16.47	27.26	28.62	20.50	27.80	29.60	30.64	31.73	31.95
10	19.55	15.84	20.50	19.85	27.50	28.97	24.60	27.79	29.80	30.85	31.57	31.98
15	16.91	15.13	22.70	17.66	27.70	29.49	26.22	28.34	30.08	31.07	e31.65	28.40
20	20.35	17.63	15.92	24.83	27.58	28.90	26.95	28.64	29.97	31.23	31.90	29.35
25	19.26	16.25	12.10	26.10	27.92	25.60	27.34	29.04	30.30	31.40	32.00	29.35
Eom	22.15	13.44	15.30	26.85	28.32	19.40	27.67	29.35	30.47	31.52	31.87	25.71
1961												
5	27.17	27.32	11.66	13.25	18.65	25.83	26.44	24.12	27.70	29.40	30.62	31.46
10	27.05	25.16	9.11	14.42	10.55	22.26	27.17	26.30	27.87	29.65	30.78	24.35
15	26.95	25.82	11.61	13.25	14.66	17.74	27.30	27.13	28.15	29.67	30.92	27.26
20	24.56	26.26	e13.50	16.53	17.74	18.68	23.99	27.40	28.38	30.10	31.12	20.96
25	25.95	19.69	16.44	19.40	20.73	22.61	24.95	27.05	28.68	30.75	31.15	24.15
Eom	26.95	14.04	18.70	20.17	24.22	25.04	22.55	27.60	29.15	30.99	31.40	25.00
1962												
5	26.42	14.28	12.60	15.42	23.67	27.61	28.55	30.00	30.69	24.40	28.94	27.47
10	20.24	20.35	13.37	13.75	24.18	27.97	28.69	30.08	31.00	27.51	27.60	27.70
15	23.05	21.29	15.15	11.65	24.56	27.80	29.05	30.33	31.13	27.70	27.20	28.02
20	23.60	22.16	19.07	15.95	24.66	27.92	29.16	30.51	30.92	27.77	27.38	28.43
25	12.07	18.75	17.21	21.39	24.78	28.26	29.49	30.72	30.07	27.67	27.37	24.44
Eom	15.18	8.63	17.23	22.76	27.83	28.60	29.78	30.80	31.00	28.51	27.42	22.47
1963												
5	24.65	26.20	19.00	23.70	27.71	29.32	30.38	30.80	31.80	32.60	32.89	33.30
10	25.80	26.59	16.41	25.30	27.81	29.31	29.91	31.00	31.92	32.69	32.98	33.38
15	26.79	23.40	15.11	26.53	28.19	29.13	29.91	31.15	32.08	32.76	33.04	33.42
20	26.89	24.38	15.75	27.13	28.59	29.73	30.03	31.32	32.13	32.81	33.05	33.50
25	27.22	e24.00	17.41	27.41	28.80	30.10	30.43	31.48	32.27	32.60	33.15	33.53
Eom	27.50	23.42	21.34	27.66	29.12	30.10	30.57	31.70	32.53	32.84	33.17	33.62

e Estimated.

Union County

373942N0875613.1. Local number (KPC) S-1, 366.9-491.0. Formerly 8755-3755-10.

J. A. Schneider. Morganfield. Drilled unused artesian well in fault zone of rocks of Middle Pennsylvanian Series, diam 6 in, depth 59 ft. Lsd about 470 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 2.08 below lsd, May 8, 1961; lowest 18.06 below lsd, Dec. 1, 1953. Records available: 1951-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.26	5.85	....	6.08	7.47	6.09	....	10.13	9.72	10.53	9.61	9.22
10	8.28	5.75	....	6.24	7.75	6.53	....	9.87	9.97	10.60	9.57	9.30
15	7.43	5.05	....	6.40	7.32	6.80	10.28	....	10.11	9.84	9.36	8.35
20	6.65	5.29	....	6.57	6.61	7.54	10.73	....	10.62	....	....	7.21
25	....	5.15	....	6.83	6.45	7.83	10.95	....	10.75	....	9.31	7.22
Eom	5.64	5.26	5.92	7.05	5.58	....	11.18	9.44	10.59	9.85	9.30	....

1960

5	6.70	....	6.38	5.36	5.55	6.27	7.54	10.69	12.72	13.42	13.47	11.02
10	6.79	....	6.33	5.27	5.23	6.09	8.18	11.14	12.65	13.54	13.25	10.09
15	6.25	6.01	....	4.85	5.68	6.61	8.65	11.55	12.70	13.64	12.96	9.30
20	6.29	6.25	6.18	....	5.85	6.72	9.28	11.87	12.91	13.50	12.09	9.37
25	6.31	6.18	5.93	....	6.07	7.46	9.91	12.07	....	13.44	11.42	9.30
Eom	6.47	6.36	5.68	5.22	6.21	8.11	10.19	12.44	13.30	....	11.15	h8.81

1961

5	8.27	....	4.10	4.30	4.90	5.05	7.10	8.00	8.68	11.23	10.90	9.84
10	8.34	....	4.09	4.20	2.38	5.19	7.20	....	9.07	11.50	10.65	8.98
15	8.00	....	4.21	3.60	3.04	5.59	7.42	....	9.77	11.75	10.05	8.62
20	7.81	6.42	....	3.77	3.56	5.57	7.52	9.20	10.13	11.93	9.47	8.05
25	8.11	5.51	....	3.98	4.12	5.86	7.77	9.14	10.59	12.10	....	7.92
Eom	....	4.78	....	4.31	4.68	6.50	7.74	9.75	10.91	12.23	....	6.53

1962

5	6.54	....	4.03	3.78	5.01	6.46	8.99	11.50	12.37	12.45	11.89	11.69
10	6.50	....	4.32	4.02	4.65	6.94	8.48	11.57	12.21	12.52	11.91	11.79
15	6.19	....	4.72	3.96	5.07	7.11	9.02	11.93	12.11	12.24	11.89	11.90
20	6.08	5.16	4.66	4.46	5.13	7.62	9.82	12.28	13.17	11.82	11.80	11.77
25	5.53	4.50	4.24	4.84	....	7.93	10.40	12.62	13.25	11.83	11.85	11.10
Eom	5.17	3.44	3.44	5.12	6.43	8.39	11.05	12.91	12.37	11.79	11.80	11.08

1963

5	10.99	9.78	7.46	5.87	7.11	8.31	10.54	12.94	14.35	15.12	15.73	15.91
10	9.71	9.59	7.43	6.17	7.54	8.96	11.03	13.50	14.47	15.21	15.79	15.93
15	9.27	9.46	7.03	6.42	7.60	9.52	11.93	13.52	14.60	15.36	15.84	15.94
20	9.38	9.39	5.67	6.59	7.82	9.18	11.71	13.75	14.74	15.45	15.86	15.93
25	9.56	9.49	6.01	6.90	8.05	9.40	12.11	13.96	14.88	15.55	15.88	15.95
Eom	9.86	9.52	5.50	6.91	7.93	9.94	12.56	14.12	15.02	15.68	15.87	15.95

e Estimated.

h Tape measurement.

Wolfe County

374107N0832048.1. Local number (KPC) S-2, 695.4-501.1. Formerly 8320-3740-5. Mrs.

Lexi Couch. Rosefork. Dug unused water-table well in mantle and Breathitt Formation of Middle Pennsylvanian age, diam 30 in, depth 9 ft, shored. Lsd about 1,080 ft above msl. MP base of recorder shelter, 2.86 ft above lsd. Highest water level 2.35 below lsd, Feb. 27, 1962; lowest 7.20 below lsd, Sept. 19, 1954. Records available: 1954-63.

Water level at noon, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	4.43	4.88	4.65	4.87	4.87	5.13	5.21	5.70	5.91	5.24	4.38
10	5.08	4.45	4.82	4.00	4.94	5.17	5.36	5.42	5.80	5.85	5.19	4.71
15	4.90	4.20	4.78	4.35	4.75	5.34	5.57	5.77	5.64	5.43	5.23	4.39
20	3.98	4.78	4.87	4.82	4.87	5.43	5.62	5.93	5.94	5.53	4.97	....
25	4.43	4.84	4.90	4.91	5.02	5.32	5.36	6.11	6.16	5.09	4.80	....
Eom	4.74	....	4.82	4.84	5.03	5.25	5.81	5.45	6.30	5.22	4.47	....

1960

5	4.36	4.50	....	4.33	....	5.16	4.52	5.32	5.80	5.72	....	....
10	4.42	h4.32	....	4.72	....	5.33	4.34	5.37	6.04	5.73	....	5.12
15	4.27	h4.64	4.64	4.83	4.81	5.29	4.64	....	5.75	5.74	....	4.68
20	4.40	....	4.37	4.92	5.05	5.26	5.00	5.44	5.21	5.34	....	5.00
25	4.79	....	4.36	4.95	5.01	4.62	5.20	5.44	5.38	5.24	....	4.73
Eom	4.51	....	4.36	....	4.90	4.85	5.30	5.64	5.52	5.20	....	4.33

h Tape measurement.

374107N0832048.1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	4.38	4.38	4.22	4.34	4.62	5.05	....	4.43	5.07	4.75	5.31	4.66
10	4.84	4.29	4.24	4.27	4.06	4.56	5.24	4.53	5.22	5.06	5.20	4.18
15	4.05	4.34	4.35	4.28	4.63	4.27	4.18	4.77	5.32	5.17	5.13	4.35
20	4.35	4.53	4.32	4.36	4.79	4.62	4.35	5.00	5.40	5.25	5.01	4.30
25	4.57	3.92	4.27	4.29	4.83	4.94	4.70	4.49	5.20	....	4.42	4.34
Eom	4.77	4.06	4.14	4.56	4.98	5.14	4.36	4.90	5.38	5.36	4.93	4.33
1962												
5	4.38	4.33	4.67	4.70	4.90	4.78	4.65	....	5.47	5.13	5.25	4.93
10	4.32	4.27	4.43	4.70	4.89	4.95	4.68	....	5.48	5.23	4.25	4.92
15	4.28	4.32	4.68	4.63	4.73	4.99	4.82	....	5.46	5.46	4.95	4.93
20	4.34	4.80	4.78	4.80	4.88	4.89	4.81	5.21	5.30	5.48	....	4.77
25	4.27	4.77	h4.75	4.86	4.87	4.95	4.81	5.38	5.43	5.62	....	4.70
Eom	4.32	4.73	4.30	4.88	4.79	4.85	....	5.65	5.18	5.43	4.90	4.60
1963												
5	4.80	4.63	3.70	4.80	4.90	4.89	5.07	5.23	5.46	6.10	6.84	5.33
10	4.82	4.74	4.73	4.79	4.92	4.90	5.10	5.05	5.68	6.24	6.56	5.34
15	4.70	4.70	4.67	4.85	4.97	5.00	5.10	5.02	5.45	6.31	6.44	5.30
20	h4.80	4.30	4.63	4.97	5.00	4.30	5.13	5.16	5.62	6.46	6.37	5.30
25	4.78	4.65	4.75	4.96	5.06	4.98	5.03	5.18	5.75	6.59	5.85	5.37
Eom	4.77	4.71	4.77	4.85	4.90	5.00	5.04	5.37	6.00	6.77	5.36	5.37

h Tape measurement.

MARYLAND

By Claire A. Richardson

The observation-well program in Maryland was continued during the period 1957 through 1963 in cooperation with the State Department of Geology, Mines and Water Resources. Figure 6 shows the location of observation wells included in this report.

Well-Numbering System

All wells outside of Baltimore City are grouped by counties. Each county is divided into 5-minute quadrangles. Each quadrangle from north to south is designated by uppercase letters and from west to east by lowercase letters. The wells are numbered in each 5-minute quadrangle in the order in which they were inventoried. A different well-numbering system is used for wells in Baltimore City. All wells within the city limits are referred to mile squares which are in turn referred to the Washington Monument near the center of the city. Thus well 2S5E-1 is in the square mile that is 2 miles south and 5 miles east of the Washington Monument, and is the first well inventoried in that square.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

City of Baltimore

391617N0763224.1. Local number 2S5E-1. U. S. Army. Fort Holabird. Holabird Ave. and Pumphrey St. Drilled unused artesian well in sand of Patuxent Formation of Early Cretaceous age, diam 12 in, depth 290 ft, length of casing unknown. Lsd 18 ft above msl. MP lip of discharge pipe, 2.00 ft above lsd. Highest water level 58 below lsd, 1934; lowest 103.70 below lsd, Oct. 15, 1948. Records available: 1934, 1943-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1959	88.47	May 6, 1960	78.08	July 3, 1961	73.51	July 31, 1962	70.81
Mar. 2	87.63	June 3	77.86	Aug. 1	71.10	Sept. 11	67.37
30	87.02	July 8	78.22	28	72.62	Oct. 8	66.39
May 4	85.82	Aug. 1	78.72	Oct. 2	72.63	Nov. 10	67.40
June 1	83.49	Sept. 13	76.13	30	72.40	Dec. 10	65.56
July 6	84.54	Oct. 3	79.37	Dec. 4	71.97	Jan. 7, 1963	65.41
Aug. 3	79.09	Nov. 7	77.47	Jan. 8, 1962	71.05	Feb. 12	66.60
Sept. 1	77.62	Dec. 5	76.67	Feb. 5	70.81	Mar. 4	66.82
Oct. 19	76.96	Jan. 11, 1961	72.88	Mar. 5	70.69	Apr. 1	66.24
Nov. 5	76.85	31	72.46	Apr. 2	70.02	29	64.50
Jan. 4, 1960	74.43	Mar. 1	71.76	27	70.30	June 7	63.73
Feb. 1	78.26	Apr. 3	73.00	June 4	70.03	Sept. 9	59.92
29	77.54	May 3	70.37	July 2	70.28	Dec. 9	59.40
Apr. 4	77.26	29	70.61				

391431N0763426.1. Local number 4S3E-3. Virginia-Carolina Chemical Corp. Fairfield. Drilled unused artesian well in sand of Patuxent Formation of Early Cretaceous age, diam 18 to 8 in, depth 357 ft, cased to 325. Lsd 10 ft (previously reported 20 ft) above msl. MP top of 18-in casing, 1.00 ft above lsd. Highest water level 32.67 below lsd, Aug. 1, 1961; lowest 72.11 below lsd, Oct. 24, 1947. Records available: 1947-63.

Feb. 2, 1959	63.38	Aug. 31, 1959	55.47	Apr. 13, 1960	50.28	Nov. 7, 1960	48.31
Mar. 2	61.71	Oct. 19	53.82	May 6	49.03	Dec. 5	48.04
30	61.80	Nov. 5	55.10	June 2	50.29	Jan. 11, 1961	40.70
May 4	61.87	Jan. 4, 1960	51.37	July 8	50.39	31	42.23
June 1	58.08	Feb. 1	51.63	Aug. 1	47.73	Mar. 1	43.31
July 6	59.48	29	51.38	Sept. 13	48.44	Apr. 3	44.41
Aug. 3	55.71	Apr. 4	50.24	Oct. 3	49.08	May 3	44.75

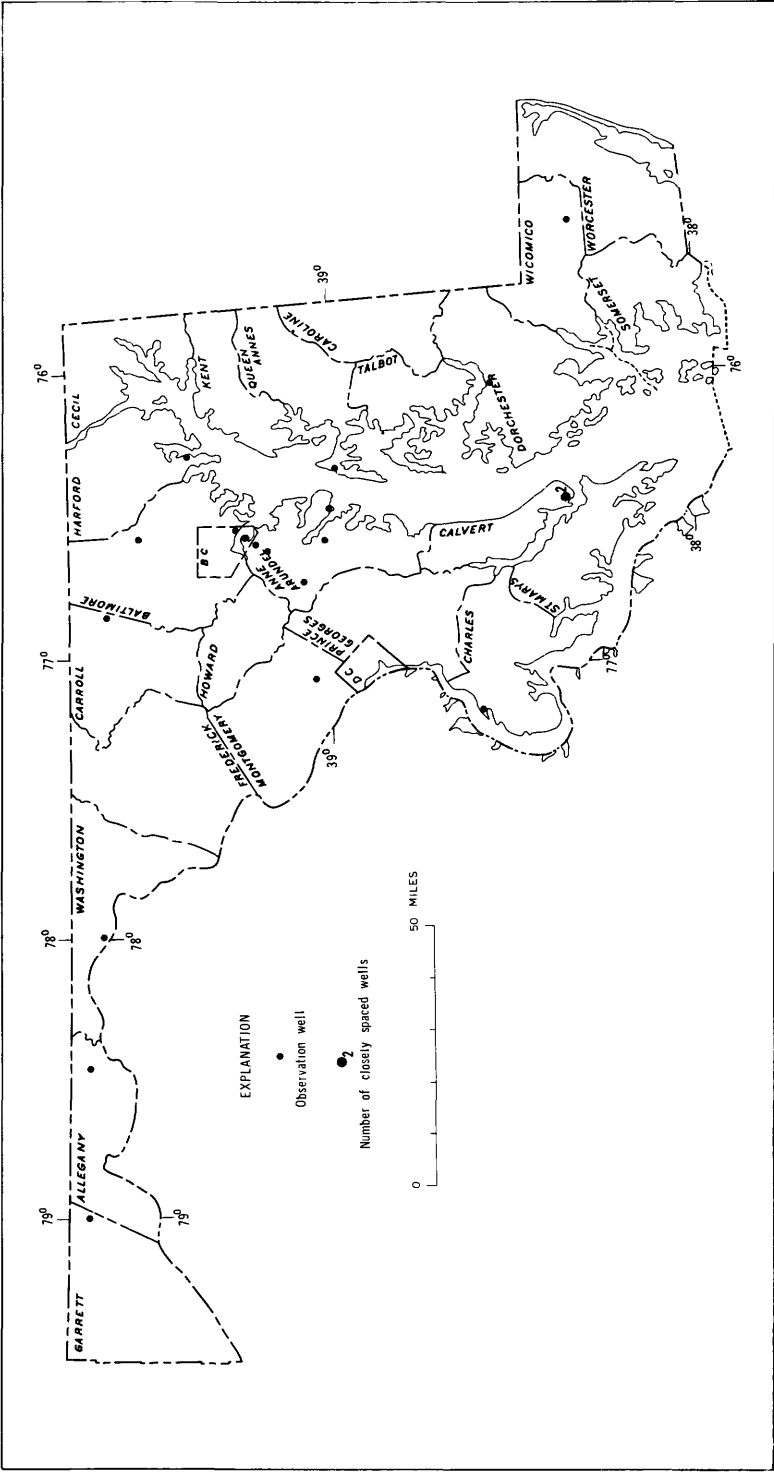


Figure 6. ---Location of observation wells in Maryland, 1959-63.

391431N0763426.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 29, 1961	45.31	Jan. 8, 1962	34.38	July 31, 1962	42.06	Mar. 4, 1963	49.51
July 3	44.78	Feb. 5	36.28	Sept. 11	45.38	Apr. 1	49.42
Aug. 1	32.67	Mar. 5	35.45	Oct. 8	44.01	29	49.82
28	36.44	Apr. 2	34.96	Nov. 10	45.38	June 7	48.36
Oct. 2	40.95	27	35.53	Dec. 10	44.79	Sept. 9	46.05
30	38.94	June 4	35.18	Jan. 7, 1963	46.01	Dec. 9	45.24
Dec. 4	37.49	July 2	43.17	Feb. 12	49.65		

Allegany County

394024N0782735.1. Local number All-Ah 1. Green Ridge State Forest. On Fifteenmile Creek. Drilled public-supply artesian well in sediments of Jennings Formation of Late Devonian age, diam 8 in, depth 113 ft, length of casing unknown. Lsd 740 ft above msl. MP top of casing, at lsd. Highest water level 2.18 below lsd, Dec. 30, 1950; lowest 19.76 below lsd, Jan. 9, 1958. Records available: 1949-63.

Jan. 7, 1959	7.31	July 13, 1960	7.26	Sept. 28, 1961	bl3.95	Oct. 17, 1962	al9.19
July 8	6.67	Oct. 10	bl3.80	Jan. 9, 1962	9.16	Jan. 4, 1963	6.08
Oct. 15	6.88	Jan. 13, 1961	5.43	Apr. 12		Apr. 10	5.07
Jan. 12, 1960	4.99	Apr. 10	4.86	July 11	7.00	July 10	bl4.6
Apr. 14	6.35	July 12	al9.59	Oct. 16	al6.49	Oct. 8	bl4.20

a Well being pumped.

b Well pumped recently.

Anne Arundel County

391208N0763535.1. Local number AA-Ad 10. General Services Administration. Curtis Bay. Drilled unused artesian well in sand of Patapsco Formation of Late Cretaceous age, diam 8 to 6 in, depth 109 ft, length of casing and screen unknown. Lsd 50 ft (previously reported 45 ft) above msl. MP top of casing, 1.00 ft above lsd. Highest water level 29.96 below lsd, June 18, 1953; lowest 36.56 below lsd, Aug. 21, 1944. Records available: 1944, 1946-63.

Feb. 2, 1959	32.48	Apr. 4, 1960	32.79	May 3, 1961	31.58	June 4, 1962	30.99
Mar. 2	32.10	May 6	32.48	29	31.72	July 2	32.07
30	31.96	June 2	32.51	July 3	31.08	31	31.80
May 4	31.88	July 8	32.86	Aug. 1	30.97	Sept. 11	31.97
June 1	32.26	Aug. 1	32.74	28	31.19	Oct. 8	32.19
July 6	32.52	Sept. 13	32.64	Oct. 2	31.27	Dec. 10	32.42
Aug. 3	32.50	Oct. 3	32.73	30	31.40	Jan. 7, 1963	32.47
31	32.33	Nov. 7	32.29	Dec. 4	32.12	Feb. 12	32.77
Oct. 19	32.95	Dec. 5	32.46	Jan. 8, 1962	32.03	Mar. 4	33.09
Nov. 5	32.98	Jan. 11, 1961	32.63	Feb. 5	31.91	Apr. 1	32.98
Jan. 4, 1960	33.28	31	32.59	Mar. 5	31.12	29	33.05
Feb. 1	32.91	Mar. 1	32.38	Apr. 2	31.05	June 7	32.95
29	32.82	Apr. 3	32.25	27	30.86	Sept. 9	33.25

391015N0763735.1. Local number AA-Ad 29. Anne Arundel County Sanitary Commission. Glen Burnie. Drilled unused artesian well in sand of Patuxent Formation of Early Cretaceous age, diam 3 to 2 in, depth 530 ft, casing slotted 490-530. Lsd 37 ft (previously reported 40 ft) above msl. MP top of casing, 16.40 ft above lsd. Highest water level 14.15 above lsd, Sept. 1, 1952; lowest 13.05 below lsd, July 16, 1963. Records available: 1948-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.78	+2.69	+2.07	+3.26	+2.15	-0.24	....	-5.72	-8.49	-7.65	....	....
10	3.89	2.71	....	2.57	....	....	-8.55	6.01	7.70	8.15	-4.88	....
15	4.25	3.80	....	2.90	....	....	7.13	7.68	7.28	7.01	6.50	....
20	4.54	....	2.20	3.29	....	....	6.90	7.86	7.67	5.56	6.30	....
25	....	....	....	2.40	....	....	8.42	....	7.90	....	-5.30	....
Eom	....	....	....	2.26	....	....	7.89	....	7.67	....	....	....

1960

5	....	-5.82	-3.82	-4.24	....	-7.00	....	-10.21	-8.92	+1.85	-3.96	-0.30
10	....	5.06	4.30	....	....	8.36	....	9.62	10.05	....	2.01	+ .26
15	-4.72	3.39	4.05	6.63	-7.09	7.76	....	8.67	9.17	-4.38	2.24	.50
20	4.40	4.26	4.12	5.88	7.00	7.80	....	9.20	8.20	5.71	1.54	.47
25	3.82	4.32	5.07	....	6.78	8.94	....	9.24	-9.00	5.57	.22	.74
Eom	5.74	3.62	5.28	....	5.22	....	....	10.22	....	5.63	....	+1.46

391015N0763735. 1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.85	....	-3.20	....	-6.12	-6.13	-6.34	-8.86	-8.42	-2.52	....	-3.03
10	2.28	....	1.45	-1.87	6.23	....	6.18	8.93	6.84	2.35	-3.66	3.28
15	2.42	....	-.79	....	6.24	....	7.17	7.95	6.11	....	5.70	2.49
20	....	-1.60	+1.17	....	7.13	7.76	6.79	9.05	3.23	....	3.65	....
25	2.05	2.38	-.17	....	6.54	7.96	8.65	9.25	4.90	....	3.57	2.07
Eom	+3.04	3.28	.16	....	4.92	7.90	8.45	9.02	3.99	.34	3.69	4.85
1962												
5	-4.35	....	-6.84	-5.85	-6.51	-12.57	-6.19	-8.49	-8.96	-6.05	-1.33	....
10	3.39	-3.04	7.94	5.21	8.03	10.91	9.17	8.24	8.47	4.30	1.57	-1.62
15	2.48	....	8.00	4.20	10.17	8.31	10.30	7.44	10.98	3.64	1.58	1.82
20	3.19	....	8.25	4.20	12.77	6.99	8.18	7.50	9.28	3.93	1.39	1.47
25	2.43	4.87	7.17	4.00	11.78	7.43	7.72	9.13	6.26	2.93	1.32	1.10
Eom	2.31	6.16	5.87	6.35	.....	6.13	7.17	....	7.53	2.14	1.26	.41
1963												
5	-1.89	-4.08	-5.43	....	....	....	....	....	....	-6.31	-5.11	....
10	2.63	4.89	5.22	....	....	....	....	....	-9.95	6.03	4.48	-3.58
15	....	4.43	5.05	....	....	....	....	....	9.26	5.65	....	3.74
20	....	4.56	4.80	....	....	....	....	....	6.99	6.92	....	3.57
25	3.15	4.04	....	....	....	....	....	....	6.94	7.29	....	....
Eom	3.49	3.87	....	-9.13	....	....	....	....	6.18	6.50	3.68	....

390423N0764320. 1. Local number AA-Cc 40. U. S. Army. Fort George G. Meade. Drilled unused artesian well in sand of Patapsco Formation of Late Cretaceous age, diam 6 in, depth 238 ft, cased to 208, screened 208-238. Lsd 138 ft above msl. MP top of 1½ in coupling, 1.70 ft above lsd. Highest water level 42.58 below lsd, Mar. 25, 1961; lowest 46.01 below lsd, Dec. 14, 1963. Records available: 1959-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 4, 1959	44.65	Feb. 13, 1960	44.36	June 20, 1960	43.83	Sept. 10, 1962	44.80
7	44.22	20	44.15	29	43.96	Oct. 10	45.46
9	44.61	27	44.05	July 11	44.00	Dec. 11	45.00
13	44.36	Mar. 9	43.86	21	44.47	Jan. 14, 1963	44.90
14	44.47	16	43.75	Aug. 25	45.73	Feb. 14	44.78
15	44.43	23	43.69	Oct. 28	43.77	Mar. 6	44.52
20	44.50	29	43.58	Jan. 5, 1961	43.62	Apr. 3	44.41
26	44.16	Apr. 5	43.13	Feb. 18	43.41	May 1	44.45
Jan. 2, 1960	44.01	12	43.27	Mar. 25	42.58	Jun. 4	44.43
9	44.43	18	43.39	June 7	42.71	July 17	45.20
16	44.29	25	43.38	Jan. 20, 1962	44.27	Sept. 4	45.87
23	44.41	May 3	43.56	May 1	43.40	Oct. 14	45.93
30	44.29	10	43.20	Aug. 2	44.87	Dec. 14	46.01
Feb. 6	44.02	June 1	43.16				

390120N0763613. 1. Local number AA-Cd 10. Crownsville State Hospital. Crownsville. Drilled unused artesian well in sand of Patapsco Formation of Late Cretaceous age, diam 8 to 6 in, depth 668 ft, screened 654-668. Lsd 135 ft above msl. MP top of casing, 1.40 ft above lsd. Highest water level 109.62 below lsd, Mar. 15, 1949; lowest 125.51 below lsd, Nov. 6, 1951. Records available: 1949-63.

Jan. 5, 1959	111.87	Mar. 16, 1960	111.84	June 1, 1961	112.12	Aug. 7, 1962	112.51
Feb. 3	111.76	Apr. 5	111.79	30	112.17	Sept. 6	113.64
Mar. 3	112.07	27	111.79	Aug. 3	112.32	Oct. 11	112.84
31	111.60	May 31	111.86	31	112.38	Nov. 7	113.40
May 5	111.77	July 18	111.74	Oct. 4	112.50	Dec. 12	113.15
June 4	111.89	Aug. 5	111.83	Nov. 2	112.40	Jan. 10, 1963	113.09
29	112.07	Sept. 8	112.37	Dec. 7	112.28	Feb. 15	112.98
Aug. 4	112.39	Oct. 10	112.44	Jan. 4, 1962	112.54	Mar. 7	113.21
Sept. 1	112.65	Nov. 8	112.48	Feb. 8	111.98	Apr. 8	113.29
Oct. 7	112.51	Dec. 9	112.22	Mar. 7	111.91	May 2	113.43
Nov. 9	112.36	Jan. 5, 1961	112.09	Apr. 5	111.82	Jun. 10	113.29
Dec. 14	112.14	Feb. 1	111.76	May 7	112.08	July 18	113.38
31	111.99	Mar. 6	111.58	June 7	112.42	Sept. 5	113.46
Jan. 26, 1960	111.87	Apr. 4	111.82	July 5	112.46	Dec. 14	113.19
Feb. 11	111.75	May 4	111.87				

385916N0762807. 1. Local number AA-Df 14. U. S. Naval Academy. Near Carrs Point. Drilled unused artesian well in sand of Patapsco Formation of Late Cretaceous age, diam 8 to 6 to 4 in, depth 578 ft, length of casing unknown. Lsd 70 ft (previously reported 60 ft) above msl. MP top of casing, at lsd. Highest water level 65.40 below lsd, Jan. 2, 1951; lowest 85.48 below lsd, Aug. 1, 1962. Records available: 1946-62. Measurement discontinued.

385916N0762807.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1959	75.63	Jan. 25, 1960	70.52	Dec. 7, 1960	79.12	Jan. 2, 1962	83.74
Feb. 3	72.94	Feb. 8	73.00	Jan. 3, 1961	72.66	Feb. 6	80.61
Mar. 3	73.60	Mar. 15	78.46	Feb. 1	76.39	Mar. 9	74.83
31	71.14	Apr. 5	75.37	Mar. 2	71.83	Apr. 5	74.13
May 5	73.97	27	76.63	Apr. 6	74.65	24	78.36
June 4	73.82	May 17	73.52	May 8	75.60	June 5	79.02
29	73.96	June 2	74.44	31	77.82	July 3	83.76
Aug. 4	76.71	20	75.23	June 30	71.64	Aug. 1	85.48
Sept. 1	79.07	July 5	76.49	Aug. 2	77.62	Sept. 4	80.20
Oct. 7	79.02	Aug. 3	72.94	30	79.87	Oct. 8	82.29
Nov. 9	75.86	Sept. 6	75.39	Oct. 3	82.99	Nov. 5	79.62
Dec. 14	70.73	Oct. 10	79.53	31	84.02	Dec. 3	81.39
30	72.92	Nov. 3	75.66	Dec. 5	80.02		

Baltimore County

393102N0763418.1. Local number Bal-Ce 21. Maryland National Guard. Formerly U. S. Army. Jacksonville. Drilled unused water-table well in oligoclase mica schist facies of Wis-sahickon Formation of early Paleozoic (?) age, diam 10 to 6 in, depth 350 ft, cased to 33. Lsd 555 ft (previously reported 536 ft) above msl. MP top of casing, 2.00 ft above lsd. Highest water level 13.81 below lsd, May 7, 1958; lowest 20.85 below lsd, Dec. 6, 1961. Records available: 1955-63.

Jan. 5, 1959	19.37	Apr. 7, 1960	16.14	Aug. 3, 1961	17.76	Oct. 31, 1962	20.46
Feb. 3	19.55	May 3	16.35	Sept. 6	18.44	Dec. 5	19.69
Mar. 3	19.27	June 3	16.13	Oct. 6	19.60	Jan. 4, 1963	19.71
31	18.89	July 6	17.20	31	20.00	Feb. 8	18.38
May 8	18.49	Aug. 2	18.47	Dec. 6	20.85	Mar. 7	18.52
June 2	18.93	Sept. 6	18.64	Jan. 5, 1962	20.15	Apr. 2	18.00
July 1	19.46	Oct. 5	17.99	Feb. 8	19.13	May 7	18.94
Aug. 4	19.98	Nov. 2	18.52	Mar. 13	16.79	June 17	19.18
Sept. 1	20.41	Dec. 6	19.00	Apr. 4	15.90	July 5	19.63
Oct. 5	20.35	Jan. 5, 1961	18.36	May 2	15.18	31	20.17
Nov. 6	20.28	Mar. 2	14.83	June 5	16.56	Sept. 5	20.62
Dec. 4	20.21	Apr. 5	15.07	July 6	17.86	Oct. 2	20.60
Jan. 5, 1960	19.08	May 4	14.56	Aug. 2	18.77	Nov. 8	20.46
Feb. 2	18.86	June 6	16.04	Sept. 5	19.55	Dec. 16	19.47
Mar. 15	17.64	July 7	16.77	Oct. 10	20.35		

Calvert County

381954N0762723.1. Local number Cal-Gd 5. Lord Calvert Yacht Club. Formerly U. S. Navy. Near Solomons. Drilled unused artesian well in sand of Piney Point Formation of late Eocene age, diam 8 in, depth 248 ft, cased to 233, screened 233-248. Lsd 10 ft above msl. MP top of pumpbase, 11.50 ft above lsd. Highest water level 15 below lsd, 1942; lowest 56.5 below lsd, Jan. 15, 1944. Records available: 1942, 1944, 1949-63.

Jan. 5, 1959	20.20	May 31, 1960	20.16	Aug. 2, 1961	20.59	Oct. 9, 1962	21.32
Mar. 31	19.71	July 5	20.14	30	21.44	Nov. 5	21.24
May 5	19.77	Aug. 2	21.47	Oct. 3	21.16	Dec. 3	20.94
June 4	20.00	Sept. 8	21.69	31	21.28	Jan. 8, 1963	20.44
29	20.98	Oct. 5	21.64	Dec. 5	20.69	Feb. 13	20.74
Aug. 4	20.87	Nov. 8	21.20	Jan. 2, 1962	20.98	Mar. 5	20.54
Sept. 1	21.02	Dec. 7	21.99	Feb. 6	20.97	Apr. 2	20.61
Oct. 7	21.09	Jan. 4, 1961	22.03	Mar. 9	20.67	30	20.76
Nov. 9	21.13	Feb. 1	21.79	Apr. 5	20.09	June 3	20.46
Jan. 5, 1960	21.16	Mar. 2	20.33	24	19.92	July 16	20.71
Feb. 2	21.20	Apr. 4	20.51	June 5	19.78	Sept. 3	20.60
25	21.08	May 4	20.44	July 3	19.82	Oct. 11	22.69
Apr. 5	20.77	31	20.16	Aug. 1	21.38	Dec. 10	22.52
May 2	20.49	June 27	20.69	Sept. 4	21.96		

381952N0762709.1. Local number Cal-Gd 6. Lord Calvert Yacht Club. Formerly U. S. Navy. Near Solomons. Drilled unused artesian well in Aquia Greensand of early Eocene age, diam 8 to 6 in, depth 493 ft, cased to 472, screened 469-493. Lsd 10 ft above msl. MP top of pumpbase, 10.00 ft above lsd. Highest water level 0.00, 1942; lowest 58.9 below lsd, Jan. 13, 1944. Records available: 1942, 1944, 1949-63.

381952N0762709. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1959	32.40	May 31, 1960	32.23	Aug. 2, 1961	34.17	Oct. 9, 1962	34.96
Mar. 31	31.55	July 5	32.32	30	33.81	Nov. 5	34.16
May 5	31.74	Aug. 2	33.18	Oct. 3	33.87	Dec. 3	35.02
June 4	32.91	Sept. 8	33.49	31	34.15	Jan. 8, 1963	34.04
29	33.38	Oct. 5	33.64	Dec. 5	33.68	Feb. 13	34.64
Aug. 4	34.26	Nov. 8	33.13	Jan. 2, 1962	33.19	Mar. 5	34.79
Sept. 1	35.00	Dec. 7	33.01	Feb. 6	32.98	Apr. 2	34.85
Oct. 7	35.36	Jan. 4, 1961	32.96	Mar. 9	33.01	30	35.00
Nov. 9	34.34	Feb. 1	33.07	Apr. 5	33.66	Jun. 3	34.57
Jan. 5, 1960	33.98	Mar. 2	31.17	24	33.50	July 16	35.02
Feb. 2	32.74	Apr. 4	31.69	June 5	33.59	Sept. 3	34.97
25	32.06	May 8	31.74	July 3	33.81	Oct. 11	36.71
Apr. 5	31.63	31	31.96	Aug. 1	34.92	Dec. 10	35.57
May 2	32.52	June 27	32.68	Sept. 4	33.50		

Carroll County

393639N0765100. 1. Local number Car-Bf 1. Town of Hampstead. Drilled unused water-table well in albite-chlorite schist facies of Wissahickon Formation of early Paleozoic (?) age, diam 8 in, depth 407 ft, cased to about 65. Lsd 933 ft above msl. MP floor of well house, at lsd. Highest water level 52.30 below lsd, May 13, 1952; lowest 76.03 below lsd, Dec. 14, 1949. Records available: 1946-47, 1949-63. Recorder removed November 1962.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	73.91	74.52	74.10	74.07	73.08	72.17	71.95	72.51	73.17	73.86	74.52	74.90
10	74.03	74.52	74.11	74.03	72.99	72.05	72.04	72.55	73.24	73.99	74.63	74.88
15	74.11	74.49	74.12	73.99	72.84	71.93	72.16	72.68	73.31	74.12	74.71	74.86
20	74.22	74.26	74.14	73.74	72.70	71.83	72.22	72.80	73.45	74.25	74.77	74.62
25	74.33	74.14	74.15	73.49	72.54	71.82	72.30	72.90	73.58	74.33	74.81	74.38
Eom	74.47	74.12	74.11	73.26	72.32	71.87	72.39	73.03	73.69	74.46	74.85	74.15

1960

5	73.80	71.83	69.67	66.24	63.23	64.57	65.84	66.74	67.65	68.56	69.98	71.32
10	73.38	71.48	68.91	64.28	63.15	65.01	66.18	66.87	67.94	68.76	70.30	71.48
15	72.99	71.25	68.38	62.85	63.48	65.02	66.26	66.88	68.05	69.04	70.50	71.61
20	72.60	71.06	67.83	62.42	64.00	65.21	65.97	66.92	68.16	69.28	70.68	71.81
25	72.31	70.82	67.47	62.01	64.22	65.33	66.20	67.18	68.34	69.50	70.91	72.01
Eom	72.04	70.45	66.82	62.54	64.43	65.56	66.45	67.44	68.34	69.77	71.08	72.22

1961

5	72.33	72.59	62.72	60.85	59.60	62.13	64.36	66.56	68.62	70.41	71.96	73.19
10	72.42	72.53	61.40	61.24	59.80	62.54	64.72	66.95	68.95	70.70	72.20	73.37
15	72.50	72.50	61.12	61.06	60.03	63.15	65.03	67.28	69.25	70.94	72.44	73.55
20	72.55	72.42	61.50	60.17	60.57	63.39	65.35	67.59	69.51	71.18	72.65	73.69
25	72.60	70.40	61.27	59.06	60.89	63.77	65.76	67.95	69.80	71.40	72.85	73.81
Eom	72.58	67.15	61.12	59.05	61.68	64.07	66.20	68.30	70.16	71.70	73.02	73.94

1962

5	74.08	73.39	71.58	65.12	62.57	65.29	67.71	69.92	71.35	73.25	74.26	.....
10	74.03	73.35	70.58	64.65	62.98	65.83	68.08	70.23	72.10	73.42	.....	.....
15	73.82	73.34	69.56	64.06	63.56	66.16	68.40	70.55	72.37	73.60	.....	.....
20	73.66	73.28	67.44	63.30	63.77	66.55	68.79	70.93	72.61	73.75	.....	.....
25	73.52	73.19	66.18	62.72	64.21	66.99	69.08	71.29	72.84	73.90	.....	.....
Eom	73.41	72.93	65.27	62.41	64.86	67.33	69.54	71.59	73.06	74.13	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 7, 1962	74.33	Mar. 21, 1963	68.86	July 4, 1963	70.26	Oct. 2, 1963	74.05
Dec. 5	74.28	31	68.01	31	71.43	Nov. 8	75.05
Jan. 4, 1963	74.04	May 7	68.45	Sept. 5	73.03	Dec. 16	75.55
Feb. 15	72.52	June 6	69.56				

Charles County

383422N0771146. 1. Local number Ch-Cb 7. U. S. Navy. Indian Head. Drilled unused artesian well in sand of Patapsco Formation of Late Cretaceous age, diam 8 to 6 in, depth 400 ft, cased to 400, screened 154-167. Lsd 36 ft above msl. MP top of recorder base, 5.00 ft above lsd. Highest water level 57.35 below lsd, Apr. 18, 1952; lowest 85.30 below lsd, Aug. 14, 18, 1961. Records available: 1953-63.

383422N0771146, 1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	65.12	66.72	71.73	71.60	.....	72.10	78.48	74.12	.....	75.12	74.14
10	64.45	66.22	66.85	73.10	71.06	69.50	73.06	76.67	73.84	74.05	75.12	74.09
15	66.68	66.87	.....	70.31	69.96	72.92	75.79	73.25	75.25	74.93	73.77
20	67.00	68.32	.....	69.70	70.32	73.77	75.83	73.25	75.48	74.96	73.50
25	67.00	.....	.....	69.45	70.64	76.98	.....	73.29	74.87	.....	.....
Eom	71.37	72.34	69.12	70.24	78.19	.....	72.93	75.07	75.13	.....

1960

5	.....	71.78	71.92	71.68	70.87	.....	.....	.....	.....	71.09	72.08	71.59
10	72.11	71.69	72.10	70.31	.....	.....	.....	.....	72.03	70.92	72.58	71.90
15	71.31	71.90	71.87	72.03	69.87	.....	68.99	70.86	72.14	70.72	72.38	.....
20	71.95	72.05	72.01	72.15	69.40	.....	69.20	.....	71.85	70.70	72.42	72.78
25	72.36	71.55	72.51	71.68	68.87	.....	69.65	.....	71.70	71.28	71.92	73.25
Eom	71.91	71.52	72.00	71.30	68.19	.....	.....	.....	71.28	71.09	71.39	72.81

1961

5	72.50	.....	78.40	.....	79.25	.....	83.95	84.52	.....	.....	.....	.....
10	73.19	76.79	79.07	79.13	.....	.....	83.87	84.91	.....	78.15	74.75	75.98
15	73.34	76.82	78.62	79.12	.....	.....	83.67	85.24	.....	.....	74.73	77.29
20	.....	76.90	78.92	.....	79.51	.....	83.94	85.15	.....	.....	75.02	76.29
25	.....	77.18	79.00	.....	80.77	.....	84.25	84.80	.....	.....	74.84	76.43
Eom	.....	77.71	.....	.....	.....	83.40	84.34	84.32	.....	.....	75.62	75.76

1962

5	75.38	.....	.....	74.92	76.99	.....	75.78	76.88	.....	76.27	74.38	74.67
10	76.39	76.68	74.67	74.26	76.12	75.98	75.98	76.15	76.71	.....	74.33	.....
15	76.56	76.68	74.84	74.88	75.67	75.80	76.42	75.86	77.13	75.79	74.01	75.98
20	76.83	76.63	75.11	76.62	75.50	75.75	76.86	76.31	77.10	75.15	74.12	75.75
25	76.53	76.41	75.11	78.34	75.75	75.61	77.18	77.58	76.48	74.88	74.99	75.75
Eom	.....	75.81	75.03	79.14	76.25	75.88	77.10	77.34	76.50	74.65	74.73	75.68

1963

5	75.32	73.30	71.54	72.19	69.87	69.22	.....	72.53	72.79	73.36	73.36	74.75
10	75.70	.....	73.00	71.36	69.51	68.90	.....	72.65	72.49	.....	73.95	75.08
15	75.36	73.24	74.23	71.06	69.52	69.79	.....	73.41	72.56	73.35	.....	75.68
20	74.88	72.52	73.46	70.70	69.52	69.84	71.48	.....	72.63	73.31	.....	76.47
25	74.57	72.19	73.17	70.58	70.14	70.37	71.60	.....	73.67	73.17	75.30	75.74
Eom	73.81	71.97	72.58	69.90	.....	71.14	72.05	.....	72.70	72.14	74.57	74.71

Dorchester County

383346N0760303.1. Local number Dor-Ce 21. State of Maryland. Eastern Shore State Hospital. Near Cambridge. Drilled unused artesian well in sand of Piney Point Formation of late Eocene age, diam 8 in, depth 370 ft, length of casing unknown. Lsd 20 ft (previously reported 12 ft) above msl. MP top of casing, at lsd. Highest water level 14 below lsd, 1914; lowest 137.49 below lsd, Feb. 8, 1962. Records available: 1914, 1952, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1959	95.13	June 6, 1960	87.09	Aug. 3, 1961	98.12	Oct. 11, 1962	87.25
Mar. 5	91.36	July 6	89.63	31	103.29	Nov. 7	86.24
Apr. 2	90.02	Aug. 3	89.61	Oct. 4	102.84	Dec. 12	84.07
May 7	101.25	Sept. 6	91.37	Nov. 2	93.55	Jan. 10, 1963	85.32
June 8	104.63	Oct. 11	87.41	Dec. 7	89.70	Feb. 15	86.33
July 1	106.98	Nov. 3	93.79	Jan. 4, 1962	87.93	Mar. 7	85.53
Aug. 4	105.60	Dec. 9	92.15	Feb. 8	c137.49	Apr. 8	82.96
Sept. 3	98.58	Jan. 5, 1961	88.84	Mar. 7	85.83	May 2	86.12
Oct. 13	94.62	Feb. 2	89.67	Apr. 3	83.98	June 10	84.57
Nov. 12	87.46	Mar. 6	d103.48	May 11	82.67	July 18	88.56
Jan. 7, 1960	83.32	Apr. 6	89.49	June 7	83.26	Sept. 5	92.53
Feb. 4	89.99	May 4	88.46	July 5	86.50	Oct. 1	91.26
Mar. 1	84.62	June 1	87.00	Aug. 7	95.79	Nov. 20	91.06
Apr. 11	87.13	30	95.42	Sept. 6	98.03	Dec. 19	93.05
May 4	87.00						

c Nearby well being pumped.

d Nearby well pumped recently.

Garrett County

394016N0785816.1. Local number Gar-Ag 1. Town of Frostburg. Savage River valley. Drilled unused water-table well in Greenbrier Limestone of Late Mississippian age or Pocono Sandstone of Mississippian age, diam 8 in, depth 30 ft, length of casing unknown. Lsd 2,530 ft (previously reported 2,560 ft) above msl. MP top of casing, at lsd. Highest water level 5.71 below lsd, Jan. 19, 1950; lowest 9.82 below lsd, Feb. 25, 1959. Records available: 1946-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1959	8.41	Apr. 14, 1960	7.44	July 27, 1961	7.91	Aug. 14, 1962	8.20
27	8.09	19	7.54	Aug. 30	8.35	Oct. 5	8.38
Feb. 25	9.82	May 13	7.03	Sept. 28	8.56	16	8.44
Apr. 7	7.65	June 16	7.23	Oct. 9	8.63	29	8.68
27	7.48	July 13	7.32	31	8.76	Nov. 28	8.05
June 3	7.24	29	7.38	Nov. 21	8.24	Jan. 4, 1963	7.82
July 8	7.40	Aug. 29	7.79	27	8.63	Mar. 27	7.60
10	7.38	Sept. 28	7.85	Dec. 27	8.38	Apr. 10	7.74
Aug. 4	7.75	Oct. 10	8.00	Jan. 9, 1962	8.17	May 7	7.82
27	7.95	25	8.08	15	8.15	June 4	7.50
Oct. 7	7.85	Nov. 23	8.10	Feb. 5	7.60	July 10	7.89
15	8.01	Jan. 12, 1961	7.81	Mar. 29	7.70	11	7.95
27	7.86	Mar. 2	7.81	Apr. 12	7.64	Aug. 14	8.40
Nov. 24	7.70	Apr. 10	7.09	May 4	7.80	Oct. 4	8.85
Dec. 18	7.65	May 6	7.56	29	7.84	8	8.81
Jan. 11, 1960	7.70	25	7.55	July 2	7.90	Nov. 4	8.95
25	7.65	June 29	7.72	11	7.75	Dec. 24	8.77
Mar. 28	8.49	July 12	7.80	17	7.90		

Harford County

392343N0761619.1. Local number Har-Ed 24. U. S. Army. Edgewood Arsenal. Formerly Army Chemical Center. Edgewood. Drilled unused artesian well in sand of Patapsco Formation of Late Cretaceous age, diam 18 to 10 in, depth 149 ft, cased to 120, screened 120-135. Lsd 13 ft above msl. MP top of casing, 1.15 ft above lsd. Highest water level 8.24 below lsd, Apr. 13, 1944; lowest 35.88 below lsd, Feb. 4, 1955. Records available: 1944, 1949-63. Recorder removed June 29, 1961.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.86	29.82	30.04	.....	.....	29.35	28.73	28.97	27.35	26.3 ^a	25.41	.....
10	30.25	29.65	29.70	.....	.....	29.23	28.72	28.04	27.15	26.3 ^a	25.26	24.92
15	29.41	29.87	30.08	.....	.....	30.02	28.81	28.31	26.76	26.25	25.87	24.50
20	.....	30.35	.....	.....	.....	29.12	28.35	28.19	26.85	25.7 ^a	25.35	24.65
25	.....	30.04	.....	.....	.....	29.03	28.77	28.04	26.83	25.12	24.85	24.29
Eom	.....	29.83	.....	.....	.....	29.11	28.29	26.97	26.28	25.6 ^a	25.16	23.80

1960

5	24.01	22.86	23.20	22.07	22.19	22.11	22.18	24.45	28.75	29.4 ^a	30.43	30.61
10	23.99	22.74	22.66	22.37	22.07	22.22	22.16	26.35	29.04	29.57	30.49	30.62
15	22.94	23.48	22.55	22.13	22.16	21.85	22.50	27.50	28.90	29.33	30.26	30.56
20	23.81	23.63	22.50	22.25	22.00	22.13	22.10	27.67	28.86	29.53	30.38	31.16
25	23.31	22.82	22.85	21.56	22.06	22.32	23.04	27.95	29.22	30.23	30.30	31.15
Eom	23.37	23.22	21.90	21.66	22.08	22.25	23.87	28.67	29.07	29.3 ^a	30.50	30.91

1961

5	31.34	31.36	30.99	30.96	31.26	.....	.....	.....	.....	.....	.....	.....
10	31.68	30.82	31.45	30.49	31.07	.....	.....	.....	.....	.....	.....	.....
15	31.20	31.11	30.50	30.17	31.02	.....	.....	.....	.....	.....	.....	.....
20	31.49	31.35	31.22	30.66	31.05	.....	.....	.....	.....	.....	.....	.....
25	31.86	30.68	31.06	30.54	31.13	.....	.....	.....	.....	.....	.....	.....
Eom	31.14	30.85	30.83	31.43	.....	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 29, 1961	30.94	Feb. 8, 1962	32.43	Oct. 10, 1962	32.87	June 7, 1963	29.16
July 7	31.27	Mar. 13	31.56	31	33.07	July 5	29.70
Aug. 3	30.96	Apr. 5	32.04	Dec. 4	32.61	Aug. 1	29.11
Sept. 6	31.38	May 2	32.32	Jan. 4, 1963	32.49	Sept. 6	28.70
Oct. 6	32.30	June 5	32.26	Feb. 8	32.34	Oct. 21	29.03
31	32.00	29	32.07	Mar. 7	31.74	Nov. 7	28.11
Dec. 6	32.72	Aug. 2	32.83	Apr. 3	30.05	Dec. 16	29.47
Jan. 5, 1962	32.68	Sept. 5	32.44	May 3	29.81		

Montgomery County

390358N0770140. 1. Local number Mont-Eg 1. Kay Construction Co. Formerly Walter M. Brown. Near Colesville. Dug unused water-table well in oligoclase mica schist (?) facies of Wissahickon Formation of early Paleozoic (?) age, diam unknown, depth 20 ft, c-ibbed with loose stones. Lsd 289 ft (previously reported 289.5 ft) above msl. MP assumed reference plane, 24.65 ft below lsd. Highest water level 8.96 below lsd, Apr. 28, 1952; lowest 18.41 below lsd, Oct. 6, 1932. Records available: 1932-63.

Mean water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.32	16.07	15.63	14.83	14.61	15.43	16.49	16.95	17.29	17.73	17.19	16.70
10	16.32	16.00	15.33	14.80	14.82	15.61	16.67	16.71	17.35	17.69	17.11	16.62
15	16.34	15.74	15.20	14.09	14.80	15.78	16.70	16.85	17.42	17.46	17.07	16.41
20	16.38	15.65	15.17	13.99	15.00	15.93	16.78	17.01	17.52	17.43	17.05	16.27
25	16.17	15.59	15.21	14.19	15.19	16.11	16.79	17.13	17.61	17.32	16.80	16.21
Eom	16.13	15.58	15.28	14.36	15.38	16.30	16.87	17.27	17.71	17.25	16.72	16.09

1960

5	15.90	15.51	14.08	12.38	14.26	14.65	15.80	16.23	16.45	15.97	16.34	16.46
10	15.83	15.30	14.25	12.56	14.22	14.89	16.00	16.28	16.55	16.08	16.34	16.49
15	15.60	15.31	14.48	.....	14.45	15.05	15.98	16.32	15.72	16.18	16.31	16.50
20	15.58	14.38	13.80	.....	14.65	15.25	16.17	16.00	15.70	16.22	16.35	16.54
25	15.55	14.40	13.83	.....	14.46	15.43	16.33	16.12	15.75	16.25	16.40	16.55
Eom	15.51	14.04	13.95	.....	14.46	15.61	16.35	16.34	15.82	16.32	16.41	16.28

1961

5	15.79	15.59	11.90	12.89	13.52	14.63	15.60	16.56	16.79	17.41	17.18	16.83
10	15.73	15.59	11.87	12.92	13.66	14.86	15.73	16.68	16.93	17.48	17.14	16.85
15	15.50	15.20	12.41	11.66	13.67	15.01	15.88	16.78	17.02	17.52	17.11	16.62
20	15.49	12.58	12.83	12.13	13.90	15.21	16.02	16.87	17.12	17.51	17.07	16.27
25	15.51	11.45	12.01	12.60	14.12	15.32	16.19	16.37	17.21	17.19	16.79	16.32
Eom	15.52	11.35	12.63	13.15	14.41	15.46	16.39	16.63	17.33	17.18	16.85	16.31

1962

5	16.31	15.93	14.31	12.88	14.14	15.31	.....	16.95	17.94	18.11	17.78	16.82
10	15.93	.....	13.58	13.18	14.38	15.46	.....	17.14	18.04	18.05	16.87	16.61
15	15.89	.....	12.11	12.98	14.60	15.57	.....	17.29	18.14	17.97	17.32	16.65
20	15.90	15.56	12.48	13.28	14.79	15.57	.....	17.48	18.21	17.92	17.16	16.65
25	15.88	15.33	12.40	13.60	15.00	15.68	.....	17.65	18.25	17.88	16.76	16.64
Eom	15.92	14.14	12.94	13.89	15.18	.....	.....	17.84	18.23	17.85	16.83	16.60

1963

5	16.60	15.73	15.07	13.31	14.76	14.51	15.77	17.08	17.34	17.27	17.18	15.75
10	16.56	15.63	.....	13.59	14.91	14.55	16.02	17.27	17.42	17.27	16.15	15.52
15	15.92	15.27	.....	13.92	15.09	14.75	16.21	17.45	17.55	17.26	16.37	15.55
20	15.92	15.29	.....	14.17	15.23	15.01	16.41	17.47	17.47	17.25	16.43	15.52
25	15.91	15.05	.....	14.44	15.37	15.29	16.65	17.16	17.54	17.26	16.34	15.47
Eom	15.83	15.10	.....	14.57	15.52	15.55	16.89	17.25	16.91	17.26	15.03	15.56

Queen Annes County

385849N0761900. 1. Local number QA-Eb 12. Stevensville Fire Dept. Stevensville. Drilled unused artesian well in Aquia Greensand of Early Eocene age, diam 2½ in, depth 67 ft, length of casing unknown. In November 1961, well was redrilled to diam 3 in, depth 206 ft. Lsd 10 ft above msl. MP top of casing, at lsd. Highest water level 0.54 below lsd Mar. 1, 1954; lowest 4.89 below lsd, Nov. 2, 1954. Records available: 1953-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1959	1.19	June 6, 1960	2.65	Aug. 3, 1961	3.93	Oct. 11, 1962	3.19
Mar. 5	3.13	July 6	3.04	31	4.24	Nov. 7	3.44
Apr. 2	1.71	Aug. 3	3.22	Oct. 4	4.00	Dec. 13	3.43
May 7	2.69	Sept. 6	3.36	Nov. 2	4.55	Jan. 10, 1963	1.69
June 8	3.20	Oct. 11	2.97	Dec. 7	3.47	Feb. 14	1.64
July 1	3.36	Nov. 3	2.82	Jan. 4, 1962	3.63	Mar. 7	1.28
Aug. 7	2.93	Dec. 9	3.10	Feb. 8	3.72	Apr. 8	2.89
Sept. 3	4.09	Jan. 5, 1961	3.25	Mar. 7	1.28	May 2	1.91
Oct. 13	3.03	Feb. 2	3.59	Apr. 3	1.90	June 10	1.89
Nov. 12	3.00	Mar. 6	2.52	May 11	2.95	July 18	3.48
Jan. 7, 1960	2.83	Apr. 6	1.80	June 7	3.16	Sept. 5	3.44
Feb. 4	2.92	May 4	2.73	July 5	3.42	Oct. 7	3.72
Mar. 1	2.76	June 1	3.42	Aug. 7	3.38	Nov. 20	3.29
Apr. 11	2.99	30	3.48	Sept. 6	3.57	Dec. 13	3.51
May 4	2.88						

Washington County

393638N0780013.1. Local number Wa-Be 2. State of Maryland. Fort Frederick State Park. Near Big Pool. Dug unused water-table well in Romney Shale of Middle Devonian age, diam 42 in, depth 43 ft, cribbed with stone. Lsd 470 ft (previously reported 480 ft) above msl. MP top of stone sill, 0.83 ft above lsd. Highest water level 18.24 below lsd, Apr. 1, 1953; lowest 36.48 below lsd, Oct. 2, 1957. Records available: 1949-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1959	35.68	Jan. 11, 1960	32.30	July 12, 1961	31.48	July 11, 1962	33.41
Apr. 6	33.98	Apr. 14	20.50	Aug. 18	32.87	Oct. 16	35.57
May 15	33.79	July 13	28.19	Oct. 23	34.80	Jan. 2, 1963	36.09
June 12	34.13	Oct. 10	34.61	Jan. 10, 1962	32.71	Apr. 10	27.79
July 8	28.93	Jan. 12, 1961	35.67	Apr. 12	21.58	July 10	34.14
Oct. 15	30.44	Apr. 11	18.97	June 11	30.47	Oct. 8	36.10

Wicomico County

382037N0753108.1. Local number Wi-Cf 3. Salisbury Airport. Mount Hermon. Drilled unused water-table well in sand of Pleistocene age, diam 16 in, depth 109 ft, cased to 90, screened 90-108. Lsd 45 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 1.90 below lsd, May 7, 1958; lowest 11.55 below lsd, Sept. 18, 1947. Records available: 1942, 1947-63.

Feb. 5, 1959	6.03	June 6, 1960	7.57	Aug. 3, 1961	8.12	Oct. 11, 1962	9.21
Mar. 5	6.84	July 6	7.14	31	7.88	Nov. 7	9.29
Apr. 3	3.40	Aug. 3	7.29	Oct. 4	7.30	Dec. 12	7.71
May 7	6.62	Sept. 6	6.77	Nov. 3	6.91	Jan. 11, 1963	6.92
June 9	7.79	Oct. 10	7.04	Dec. 7	7.42	Feb. 15	5.27
July 2	8.47	Nov. 3	5.76	Jan. 5, 1962	5.86	Mar. 7	3.97
Aug. 8	5.55	Dec. 9	7.51	Feb. 8	5.43	Apr. 9	3.57
Sept. 4	6.58	Jan. 5, 1961	4.97	Mar. 7	2.53	May 2	5.63
Oct. 13	8.10	Feb. 3	5.12	Apr. 3	4.09	June 10	5.13
Nov. 12	7.60	Mar. 6	4.66	May 11	6.68	July 19	5.51
Jan. 8, 1960	5.82	Apr. 6	5.19	June 8	7.67	Sept. 5	9.13
Feb. 4	6.33	May 4	5.90	July 6	7.84	Oct. 18	9.10
Mar. 1	5.14	June 1	5.98	Aug. 7	8.35	Nov. 20	8.44
Apr. 11	5.72	29	7.34	Sept. 6	9.31	Dec. 16	6.44
May 4	6.94						

MISSISSIPPI

By B. E. Ellison

The observation-well program was continued in Mississippi during 1959 through 1963 in cooperation with the Mississippi Board of Water Commissioners. Figure 7 shows the location of observation wells included in this report.

Well-Numbering System

Observation wells in Mississippi are listed alphabetically by counties. In each county, grids are designated alphabetically beginning with A in the upper left corner. The grid lines follow township lines, except for areas smaller than half a township. These are included with an adjoining township. Consecutive well numbers are used in each grid. Thus, each complete well number consists of the county name, the grid letter, and a numeral.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Adams County

313341N0912428.1. Local number C11. City of Natchez. Irreg. sec., T. 7 N., R. 3 W. Drilled unused artesian well in sand of Miocene age, diam 18 in, reported depth 400 ft, cased to about 400. Lsd about 60 ft above msl. MP top of steel casing, at lsd. Highest water level 60.12 below lsd, Apr. 25, 1961; lowest 97.78 below lsd, Nov. 20, 1963. Records available: 1961-63. Recorder removed Aug. 13, 1962.

Highest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	62.17	.....	63.70	e70.79	72.60	76.40	e75.56	e76.99	70.50
10	66.30	.....	61.76	69.45	.....	75.32	76.55	.....	.....	70.79
15	64.87	.....	63.09	73.73	.....	76.53	e75.70	.....	.....	69.41
20	e63.22	.....	62.92	71.63	.....	79.49	.....	.....	.....	67.12
25	60.12	62.32	.....	70.41	79.53	.....	.....	72.77	65.90
Eom	61.98	.....	72.15	e77.78	.....	.....	e69.47	e63.81

1962

5	62.38	65.54	65.85	64.00	61.90	70.92	75.58	.....	.....	.....	.....	.....
10	64.08	66.11	65.59	63.19	63.50	70.28	.....	.....	.....	.....	.....	.....
15	67.70	66.10	65.18	63.00	65.89	71.20	.....	.....	.....	.....	.....	.....
20	67.71	66.50	64.81	62.25	67.91	71.20	.....	.....	.....	.....	.....	.....
25	67.78	67.04	64.98	61.90	69.40	e73.00	.....	.....	.....	.....	.....	.....
Eom	65.91	66.92	65.02	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1963	74.98	Apr. 3, 1963	73.32	June 19, 1963	89.89	Aug. 16, 1963	91.87
Feb. 13	76.11	May 13	79.43	July 16	90.10	Nov. 20	97.78
Mar. 13	77.91						

Alcorn County

344642N0883405.1. Local number K11. C. B. Curlee. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 3 S., R. 7 E. Drilled unused artesian well in rocks of Paleozoic age, diam 4 in, reported depth 574 ft, cased to 478. Lsd about 460 ft above msl. MP top of recorder-house floor, 1.50 ft above lsd. Highest water level 89.00 below lsd, Dec. 17, 1961; lowest 92.95 below lsd, Oct. 16, 1963. Records available: 1961-63.

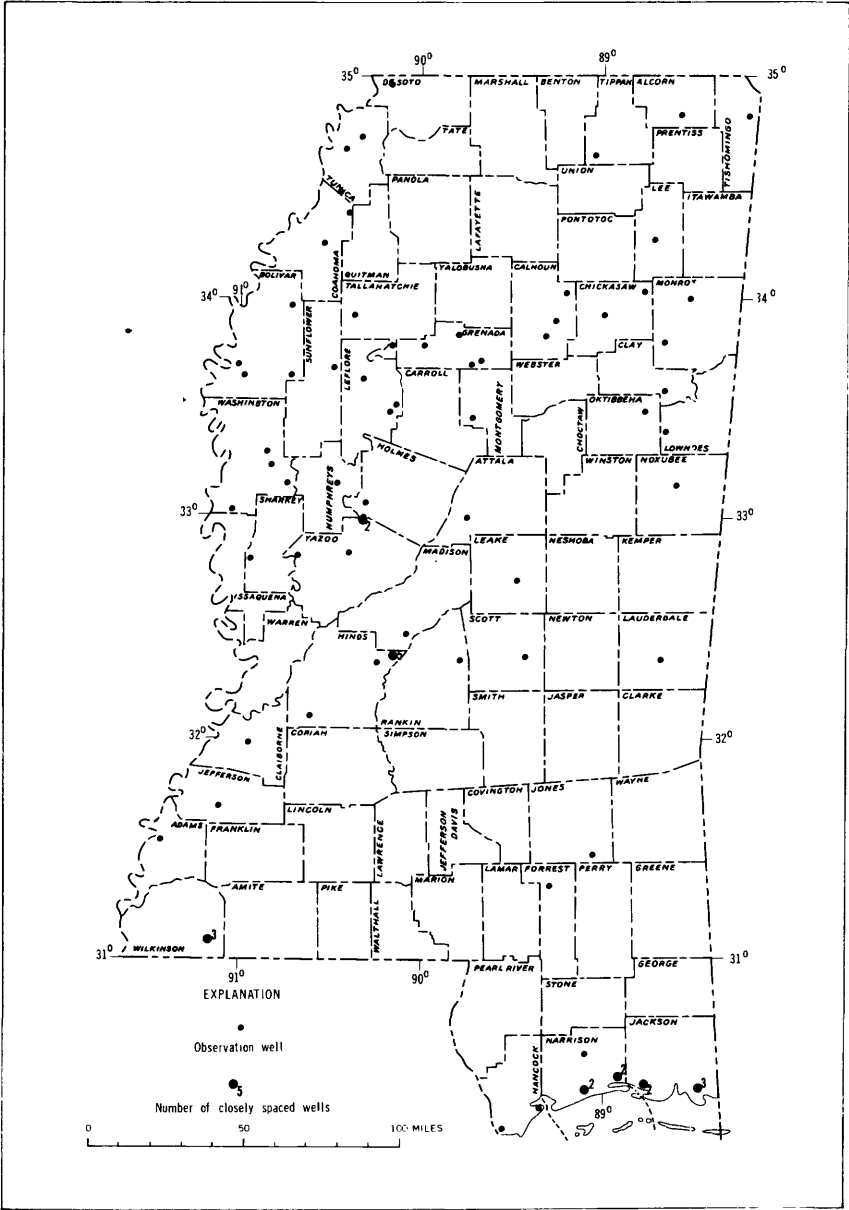


Figure 7. --Location of observation wells in Mississippi, 1959-63.

344642N0883405.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 13, 1961	89.30	Mar. 20, 1962	89.14	Sept. 6, 1962	90.06	Apr. 10, 1963	91.48
Nov. 16	89.34	Apr. 12	89.20	Oct. 17	90.42	July 16	92.12
Dec. 17	89.00	June 6	89.30	Dec. 11	91.10	Oct. 16	92.95
Jan. 23, 1962	89.40	Aug. 8	89.74	Jan. 9, 1963	90.95		

Attala County

330110N0894550.1. Local number K22. Town of Sallis. Illinois Central RR. and Highway 429. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 14 N., R. 5 E. Drilled public-supply artesian well in sand of Tallahatta Formation of middle Eocene age, diam 2 in, reported depth 356 ft, cased to about 300. Lsd about 280 ft above msl. MP top edge of 1-in union, at lsd. Highest water level 30.0 above lsd, 1913; lowest 2.02 above lsd, Sept. 25, 1961. Records available: 1913, 1957-63. Measurement discontinued.

July 7, 1959	+3.02	July 14, 1960	+2.38	July 7, 1961	+2.15	Mar. 19, 1962	+2.40
Oct. 8	2.92	Jan. 12, 1961	2.35	Sept. 25	2.02	Apr. 4, 1963	2.05
Jan. 11, 1960	2.90	Mar. 10	2.29				

Bolivar County

335652N0904610.1. Local number D117. Town of Shelby. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 24 N., R. 6 W. Drilled unused (previously reported public-supply) artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 in, reported depth 1,650 ft, cased and screened to 1,650. Lsd 153.58 ft above msl. MP top of 2-in steel pipe at well head, 1.00 ft below lsd (since Jan. 10, 1961). Highest water level 20.6 above lsd, June 1, 1939; lowest 5.28 below lsd, July 12, 1960. Records available: 1939-46, 1948, 1950-63.

Jan. 13, 1959	-0.26	Apr. 7, 1960	-1.49	July 6, 1961	-1.70	Oct. 9, 1962	-1.00
Apr. 7	1.03	July 12	5.28	Oct. 4	+ .32	Jan. 3, 1963	.60
July 7	3.54	Oct. 18	-2.88	Jan. 17, 1962	- .25	Apr. 2	3.79
Oct. 6	3.05	Jan. 10, 1961	+1.45	Apr. 4	+ .25	Oct. 2	4.12
Jan. 11, 1960	1.48	Apr. 5	+ .35	July 10	-2.59		

334708N0905841.1. Local number J135. Town of Beulah. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 22 N., R. 8 W. Drilled public-supply artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 8 in, depth 1,760 ft, screened 1,710-1,760. Lsd 146.31 ft above msl. MP top of 4-in elbow at well head, 1.40 ft above lsd. Highest water level 30.3 above lsd, Apr. 2, 1942; lowest 6.4 above lsd, Oct. 18, 1960. Records available: 1939-63.

Jan. 13, 1959	+17.8	Apr. 7, 1960	+14.9	July 6, 1961	+15.8	July 10, 1962	+13.9
Apr. 7	17.8	July 12	14.9	Oct. 4	15.1	Oct. 9	14.5
July 7	15.4	Oct. 18	6.4	Jan. 17, 1962	14.3	Apr. 2, 1963	15.0
Oct. 6	14.6	Jan. 10, 1961	9.4	Apr. 4	16.9	Oct. 2	12.4
Jan. 12, 1960	15.2	Apr. 5	16.9				

333939N0905403.1. Local number O10. R. C. Mouton. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14, T. 21 N., R. 7 W. Driven unused water-table well in alluvium of Pleistocene age, diam 1 $\frac{1}{2}$ in, depth 32 ft, cased to 28, screened 28-32. Lsd 131.04 ft (previously reported about 125 ft) above msl. MP top of casing, 2.50 ft above lsd. Highest water level 4.76 below lsd, May 13, 1958; lowest 18.73 below lsd, Sept. 17, 1958. Records available: 1954-62. Measurement discontinued. Affected by seasonal irrigation pumping.

Jan. 13, 1959	7.70	Apr. 7, 1960	7.61	Apr. 5, 1961	8.77	Jan. 17, 1962	11.41
Apr. 7	5.22	July 12	c14.10	July 6	c14.23	Apr. 4	8.96
July 7	c19.48	Oct. 18	16.23	Oct. 4	15.31	July 10	15.23
Jan. 12, 1960	11.05	Jan. 10, 1961	13.57				

c Nearby well being pumped.

333959N0904350.1. Local number Q150. Jones Bayou Gin Association. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 17, T. 21 N., R. 5 W. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Miocene age, diam 3 to 2 in, depth 1,310 ft, cased to 1,310. Lsd 133.66 ft above msl. MP top of 3-in coupling, at lsd. Highest water level 20.1 above lsd, May 30, 1939; lowest 4.4 above lsd, Apr. 2, 1963. Records available: 1939-63.

Jan. 13, 1959	+8.0	Apr. 7, 1960	+8.0	Apr. 5, 1961	+7.4	Apr. 4, 1962	+6.2
Apr. 7	7.8	July 12	7.5	July 5	6.5	July 10	5.9
July 6	7.2	Oct. 18	6.2	Oct. 4	5.9	Oct. 9	4.8
Oct. 6	8.9	Jan. 10, 1961	6.4	Jan. 16, 1962	6.5	Apr. 2, 1963	4.4
Jan. 12, 1960	7.7						

Calhoun County

340040N0891110.1. Local number E4. D. R. Davis. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 27, T. 12 S., R. 1 E. Drilled unused artesian well in sand of upper Eutaw Formation of Late Cretaceous age, diam 11 in, depth 8,390 ft, cased to 1,800, perforated 1,200-1,280, 1,350-1,390. Lsd 369 ft above msl. MP top of 2-in pipe, 0.80 ft above lsd (since Jan. 12, 1961). Highest water level 129.37 below lsd, May 16, 1958; lowest 134.74 below lsd, Apr. 10, 1963. Records available: 1958-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 21, 1959	130.83	Oct. 27, 1960	131.80	July 20, 1961	132.70	Mar. 20, 1962	133.17
Apr. 13, 1960	130.79	Jan. 12, 1961	132.33	Sept. 25	133.05	Apr. 10, 1963	134.74
July 21	131.89						

335136N0891702.1. Local number K3. Derma School. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15, T. 14 S., R. 1 W. Drilled unused artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 4 in, reported depth 1,807 ft, cased to 1,787. Lsd about 285 ft above msl. MP top of casing, at lsd. Highest water level 66.50 below lsd, May 16, 1958; lowest 71.49 below lsd, Oct. 15, 1963. Records available: 1957-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 8, 1959	67.13	Oct. 27, 1960	68.46	July 20, 1961	68.86	Oct. 19, 1962	70.42
Oct. 21	67.55	Jan. 12, 1961	68.60	Sept. 25	69.38	Apr. 10, 1963	70.34
Apr. 13, 1960	67.72	Apr. 13	68.40	Mar. 20, 1962	69.27	Oct. 15	71.49
June 11	68.11						

335119N0891828.1. Local number K101. Calhoun City. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 13, T. 23 N., R. 1 W. Drilled public-supply artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 12 in, depth 1,898 ft, cased to 1,858. Lsd about 270 ft above msl. MP top of air vent in north side of pumpbase, 1.30 ft above lsd. Highest water level 42.75 below lsd, Mar. 14, 1957; lowest 51.28 below lsd, Oct. 15, 1963. Records available: 1955-63. Affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 8, 1959	43.68	June 11, 1960	b48.77	July 20, 1961	45.73	Oct. 19, 1962	46.70
Oct. 21	43.86	Jan. 11, 1961	b52.53	Sept. 25	b48.32	Apr. 10, 1963	b49.16
Apr. 13, 1960	44.87	Apr. 13	45.80	Mar. 20, 1962	46.32	Oct. 15	51.28

b Well pumped recently.

Chickasaw County

340028N0884454.1. Local number D101. Town of Okolona. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26, T. 12 S., R. 5 E. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 8 in, reported depth 550 ft, cased to 530. Lsd about 320 ft above msl. MP top of casing, at lsd. Highest water level 84.60 below lsd, July 9, 1940; lowest 124.00 below lsd, Mar. 5, 1954 (previously reported 115.38 below lsd, Apr. 19, 1957). Records available: 1940, 1954-62. Measurement discontinued. Affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1959	100.05	Jan. 16, 1960	99.37	Oct. 27, 1960	99.84	July 19, 1961	103.63
Apr. 8	97.18	Apr. 13	99.74	Jan. 18, 1961	100.92	Sept. 29	98.88
July 10	c105.21	June 10	c115.28	Apr. 12	c113.98	Mar. 22, 1962	c108.80
Oct. 21	104.62						

c Nearby well being pumped.

335140N0890050.1. Local number K37. J. D. McAlpin. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 14 S., R. 3 E. Drilled unused artesian well in sand of Ripley Formation of Late Cretaceous age, diam 4 in, reported depth 130 ft, cased to 80. Lsd about 320 ft above msl. MP top of steel casing, at lsd. Highest water level 59.40 below lsd, Mar. 20, 1962; lowest 63.60 below lsd, Oct. 15, 1958. Records available: 1958-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 15, 1958	63.60	Jan. 16, 1960	61.38	Jan. 12, 1961	61.66	Oct. 19, 1962	63.10
Dec. 4	63.19	Apr. 13	59.88	Sept. 25	62.18	Apr. 10, 1963	61.26
July 10, 1959	61.50	June 11	60.56	Mar. 20, 1962	59.40	Oct. 15	63.52
Oct. 22	63.00	Oct. 27	62.94				

Claiborne County

315718N0905915.1. Local number L5. Town of Port Gibson. Irreg. sec. 4, T. 11 N., R. 2 E. Drilled unused artesian well in sand of Miocene age, diam 10 in, reported depth 250 ft, cased to 250. Lsd about 120 ft above msl. MP top of steel casing, 2.00 ft above lsd. Highest water level 76.87 below lsd, Apr. 22, 1963; lowest 106.90 below lsd, Sept. 14, 1963. Records available: 1961-63. Recorder removed Nov. 20, 1963. Affected by nearby pumping.

315718N0905915. 1--Continued.

Highest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	84.45	.....	90.03	77.89	86.92	83.20	e86.17	87.13	87.60
10	82.71	92.61	92.39	91.70	85.62	83.60	.....	90.91	88.17
15	84.68	88.49	89.70	87.70	84.83	82.88	e88.12	.....	88.56
20	86.09	91.50	83.00	88.63	83.82	.....	89.19	e91.29	88.88
25	85.35	94.81	85.32	88.87	85.83	.....	88.55	86.89	.....
Eom	86.69	.....	89.39	85.48	84.71	.....	e86.70	88.88	85.40

1962

5	87.17	.....	88.58	86.12	89.10	e90.38	91.42	90.01	92.40	97.11	93.21	92.39
10	86.26	.....	88.70	85.70	90.82	.....	90.73	.....	95.61	97.30	93.99	.....
15	96.70	.....	88.09	84.34	90.88	.....	90.62	91.50	89.68	.....	92.91	99.10
20	95.29	.....	88.60	87.60	89.60	.....	93.68	89.92	96.10	97.40	91.41	97.17
25	94.88	89.82	e87.80	86.73	94.97	.....	94.50	87.83	94.60	95.48	90.20	88.91
Eom	92.56	89.89	87.70	e82.01	93.20	.....	92.29	.....	96.40	95.21	92.91	86.51

1963

5	91.30	94.00	90.90	87.89	.....	90.20	85.20	94.89	97.00	.....	.....	.....
10	91.80	92.99	90.10	87.39	.....	85.52	86.00	97.68	100.38	.....	.....	.....
15	95.11	92.42	92.68	92.43	93.90	.....	85.50	94.82	100.10	.....	.....	.....
20	90.89	92.65	91.41	93.25	93.89	92.25	88.30	96.75	.....	.....	.....	.....
25	97.80	90.47	90.50	92.50	95.91	.....	90.39	95.60	.....	.....	.....	.....
Eom	96.59	93.23	87.99	96.08	93.02	84.33	87.81	95.00	.....	.....	.....	.....

e Estimated.

Clay County

333406N0883932. 1. Local number H12. Burgin Brothers. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 17 S., R. 6 E. Drilled domestic artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 4 in, reported depth 700 ft, cased to 400. Lsd 194 ft (previously reported 1.94 ft) above msl. MP mouth of pitcher pump, 3.00 ft above lsd. Highest water level 11.0 above lsd, June 6, 1940; lowest 14.13 below lsd, Oct. 30, 1963. Records available: 1940, 1954, 1958-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1959	f+2.00	Apr. 15, 1960	-5.32	July 18, 1961	-8.38	Oct. 15, 1962	-12.52
Apr. 8	f+2.00	May 24	5.63	Oct. 16	11.26	Jan. 8, 1963	11.12
July 10	- .58	Oct. 25	8.78	Jan. 22, 1962	10.09	Apr. 9	10.89
Oct. 22	6.86	Jan. 17, 1961	8.40	Mar. 22	9.25	July 15	11.32
Jan. 14, 1960	4.84	Apr. 11	7.69	July 17	10.69	Oct. 30	14.13

f Well flows at 2.00 ft above lsd.

Coahoma County

342400N0902648. 1. Local number C111. Norfleet & Wilsford. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 29 N., R. 2 W. Drilled domestic artesian well in sand of Wilcox Formation of early Eocene age, diam 3 to 2 in, depth 1,821 ft, screened 1,781-1,821. Lsd 180.88 ft above msl. MP top of 3-in tee, 1.00 ft above lsd. Highest water level 40.8 above lsd, July 26, 1940; lowest 17.5 above lsd, Oct. 10, 1962. Records available: 1940-63.

Jan. 13, 1959	+21.1	Apr. 8, 1960	+20.5	Apr. 6, 1961	+20.4	Apr. 5, 1962	+19.9
Apr. 6	21.2	July 13	19.5	July 7	20.8	Oct. 10	17.5
July 7	20.5	Oct. 20	18.0	Oct. 5	19.5	Apr. 3, 1963	18.2
Oct. 7	20.8	Jan. 11, 1961	17.8	Jan. 18, 1962	19.2	Oct. 3	17.9
Jan. 12, 1960	19.7						

340020N0903412. 1. Local number E132. Coahoma County Agricultural High School. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 28 N., R. 4 W. Drilled school-supply artesian well in sand of Wilcox Formation of early Eocene age, diam 4 in, reported depth 2,000 ft, cased to 1,960. Lsd 176.74 ft above msl. MP top of 4-in tee, at lsd, or faucet at canning building, 1.50 ft above lsd. Highest water level 44.9 above lsd, June 24, 1940; lowest 18.0 above lsd, Jan. 11, 1961. Records available: 1940-61. Measurement discontinued. Jan. 13, 1959, +21.0; Oct. 7, +21.5; Apr. 8, 1960, +21.5; July 13, +23.0; Jan. 11, 1961, +18.0; Apr. 6, +19.7; July 6, +22.7.

De Soto County

345736N0901023. 1. Local number A103. H. P. Sullivan. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32, T. 1 S., R. 9 W. Drilled unused artesian well in sand of Wilcox Formation of early Eocene age, diam 4 to 2 in, depth 1,525 ft, cased to 1,485. Lsd about 205 ft above msl. MP top of 2-in drop pipe, 3.30 ft above lsd. Highest water level 16.25 above lsd, July 15, 1939; lowest 18.01 below lsd, Oct. 3, 1963. Records available: 1939, 1955-63.

345736N0901023.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1959	10.90	Apr. 8, 1960	11.94	Apr. 6, 1961	12.26	Apr. 5, 1962	13.29
Apr. 6	10.30	July 13	12.43	July 7	13.87	Oct. 10	16.10
July 7	11.50	Oct. 20	14.60	Oct. 5	15.24	Apr. 3, 1963	13.45
Oct. 7	12.38	Jan. 11, 1961	14.25	Jan. 18, 1962	15.18	Oct. 3	18.01
Jan. 13, 1960	12.35						

Forrest County

311930N0891730.1. Local number D130. City of Hattiesburg. Community Center Bldg. SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, T. 4 N., R. 13 W. Drilled unused artesian well in Catahoula Sandstone of Miocene (?) age, diam 10 in, depth 390 ft, screened 310-390. Lsd 151.76 ft above msl. MP top edge of discharge pipe, 7.75 ft above lsd. Highest water level 7.25 above lsd, June 12, 1950; lowest 9.30 below lsd, Oct. 21, 1963. Records available: 1940-54, 1956-63.

Mar. 6, 1959	4.55	June 30, 1960	7.52	July 25, 1961	5.45	Oct. 26, 1962	7.11
July 13	5.72	Oct. 31	6.74	Oct. 25	6.25	Apr. 22, 1963	7.26
Jan. 25, 1960	5.54	Jan. 25, 1961	6.86	Jan. 30, 1962	5.86	Oct. 21	9.30
Apr. 19	5.39	Apr. 18	6.78	Apr. 17	6.45		

311137N0891105.1. Local number G116. U. S. Government-Mississippi National Guard, Camp Shelby. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 27, T. 3 N., R. 12 W. Drilled observation artesian well in sand of Hattiesburg Formation of middle and early Miocene age, diam 4 to 3 in, depth 416 ft, screened 383-392. Lsd 258.44 ft above msl. MP top of 4-in casing flange, 2.00 ft above lsd. Highest water level 122.08 below lsd, Apr. 2, 1954; lowest 134.75 below lsd, Sept. 25, 1945. Records available: 1943-45, 1954-63. Occasional pumping nearby.

Mar. 6, 1959	125.4	Apr. 2, 1961	125.0	June 7, 1962	126.3	Apr. 4, 1963	127.4
July 13	126.4	May 2	125.8	July 31	127.6	May 1	127.8
Jan. 25, 1960	125.9	July 26	126.8	Aug. 6	127.4	June 1	128.2
Apr. 20	125.2	Aug. 15	126.7	Sept. 10	127.5	July 12	128.9
June 30	127.1	Oct. 31	126.8	Oct. 5	127.5	Aug. 28	128.9
Nov. 14	126.8	Nov. 12	126.8	Nov. 11	127.7	Sept. 4	128.9
Dec. 31	126.8	Feb. 2, 1962	125.6	Dec. 2	127.8	Oct. 5	128.9
Jan. 15, 1961	126.6	Mar. 10	125.6	Jan. 28, 1963	127.5	Nov. 29	129.3
Feb. 26	125.4	Apr. 28	125.6	Feb. 23	127.4	Dec. 25	129.1
Mar. 31	125.1	May 1	125.7	Mar. 3	127.3		

Grenada County

335016N0894718.1. Local number B103. U. S. Government. Grenada Reservoir. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 23 N., R. 5 E. Drilled unused artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 12 to 8 in, depth 282 ft, screened 227-257. Lsd 207.07 ft above msl. MP top of south side of concrete base, 1.20 ft above lsd. Highest water level 1.98 below lsd, Apr. 19, 1962; lowest 30.08 below lsd, Oct. 28, 1942. Records available: 1942, 1954-63. Affected by stage of Grenada Reservoir; well is 0.5 mile below dam.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	19.2	18.5	12.7	12.3	11.5	11.8	11.0	13.1	16.4	17.9	18.9	19.2
10	19.3	18.5	12.6	12.6	11.6	11.7	12.0	13.7	16.8	18.0	19.1	19.2
15	19.1	15.3	12.6	12.6	11.7	11.6	12.4	14.1	16.9	17.9	19.2	19.1
20	18.4	13.6	12.3	12.3	11.8	10.6	12.5	14.7	17.1	18.0	19.3	16.6
25	18.2	13.0	12.4	11.6	11.9	10.5	12.4	15.3	17.5	18.4	19.3	14.3
Eom	18.3	12.8	12.1	11.4	11.9	10.7	12.6	15.9	17.7	18.8	19.3	13.1

1960

5	12.7	10.2	9.0	7.7	9.1	9.6	11.9	14.0	15.0	15.4	17.3	....
10	11.8	9.8	8.4	7.9	8.6	9.9	12.2	14.1	15.3	15.7	17.7	....
15	11.5	10.1	7.7	8.2	8.6	10.1	12.6	14.4	15.4	15.8	17.9	....
20	11.2	10.1	7.5	8.5	8.8	10.5	13.1	14.6	15.5	15.8	18.2	....
25	11.3	10.2	7.4	8.6	9.0	11.0	13.3	14.6	15.6	16.2	18.4	....
Eom	10.6	10.4	7.6	8.8	9.4	11.3	13.7	14.8	15.7	16.7	18.5	....

1961

5	....	....	....	....	3.8	4.9	6.5	7.9	10.4	14.0	18.6	12.2
10	....	....	....	4.0	4.0	5.2	6.7	8.3	10.8	15.3	18.7	11.9
15	16.6	....	....	3.5	4.1	5.4	6.8	8.6	11.4	16.3	18.8	11.9
20	16.9	....	....	3.5	4.1	5.7	6.8	9.0	12.0	17.2	16.5	9.7
25	17.2	....	....	3.5	4.2	5.8	7.2	9.4	12.5	17.8	14.9	7.2
Eom	....	....	....	3.7	4.6	6.1	7.5	10.0	13.2	18.3	13.1	5.6

335016N0894718.1--Continued.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.3	2.4	2.3	3.2	2.5	3.9	...	8.0	10.8	13.8	18.6	20.0
10	...	2.7	2.0	3.2	2.9	4.0	...	8.5	11.2	...	19.0	20.4
15	...	2.8	2.2	2.1	3.3	4.1	6.8	9.0	11.7	15.5	19.3	20.6
20	3.6	2.9	2.3	2.0	3.6	4.5	7.3	9.5	12.1	16.4	19.3	20.8
25	3.2	2.4	2.6	2.2	4.0	4.9	7.5	10.0	12.7	17.2	19.5	20.8
Eom	2.3	2.2	3.0	2.3	4.2	5.3	7.7	10.3	13.2	17.9	19.6	20.7

1963

5	20.5	20.1	19.4	14.0	13.0	11.7	12.2	10.4	11.8	14.8	18.1	19.6
10	20.4	19.9	18.8	13.8	12.4	11.6	12.4	10.5	12.1	15.5	18.2	19.6
15	20.6	19.7	17.4	13.9	12.2	11.8	11.9	10.7	12.6	16.2	18.7	19.8
20	20.4	19.6	15.4	13.9	12.2	11.9	10.8	10.9	12.9	16.7	19.2	19.7
25	20.5	19.5	14.6	13.9	12.2	12.1	10.6	11.1	13.6	17.2	19.5	19.1
Eom	20.3	19.4	14.1	13.8	12.2	12.2	10.5	11.5	14.0	17.8	19.6	18.6

334556N0895845.1. Local number F112. Holcomb School. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 16, T. 22 N., R. 3 E. Drilled school-supply artesian well in sand of Wilcox Formation of early Eocene age, diam 3 in, depth 983 ft, screened 943-983. Lsd 183.14 ft above msl. MP top of 3-in tee, 1.40 ft above lsd. Highest water level 30.4 above lsd, July 31, 1941; lowest 12.0 above lsd, Oct. 10, 1962. Records available: 1939-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1959	+14.7	Apr. 7, 1960	+14.2	Apr. 6, 1961	+12.3	Apr. 4, 1962	+13.2
Apr. 6	13.8	July 13	13.4	July 6	13.7	Oct. 10	12.0
Oct. 7	14.4	Oct. 19	13.2	Oct. 4	12.4	Apr. 3, 1963	12.1
Jan. 12, 1960	13.4	Jan. 10, 1961	12.2	Jan. 17, 1962	14.9	Oct. 3	13.7

334128N0894417.1. Local number H111. E. T. Hill. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 11 (previously reported NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14), T. 21 N., R. 5 E. Drilled domestic artesian well in sand of Wilcox Formation of early Eocene age, diam 8 in, depth 504 ft, screened 421-502. Lsd 208.69 ft above msl. MP top of 1 $\frac{1}{2}$ -in ell at well head, 4.50 ft above lsd. Highest water level 15.50 above lsd, Jan. 2, 1943; lowest 6.70 above lsd, Oct. 11, 1962, Oct. 4, 1963. Records available: 1943, 1954-63. Measurement discontinued.

Jan. 15, 1959	+8.0	Apr. 12, 1960	+8.3	Apr. 7, 1961	+7.25	Apr. 5, 1962	+7.10
Apr. 6	8.1	July 14	7.5	July 7	7.60	Oct. 11	6.70
Oct. 7	7.8	Oct. 20	7.2	Oct. 5	7.10	Apr. 4, 1963	6.80
Jan. 13, 1960	7.7	Jan. 12, 1961	7.56	Jan. 18, 1962	6.90	Oct. 4	6.70

334147N0894338.1. Local number H113. J. W. Willis, Sr. Old Camp McCain. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 21 N., R. 5 E. Drilled unused artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 12 to 10 in, depth 216 ft, screened 161-211. Lsd 216.70 ft above msl. MP top of air vent hole, 3.40 ft above lsd. Highest water level 9.13 below lsd, Jan. 18, 1962; lowest 15.74 below lsd, Nov. 6, 1957. Records available: 1954-63. Measurement discontinued.

Jan. 15, 1959	11.23	Apr. 12, 1960	9.39	Apr. 7, 1961	9.98	Jan. 18, 1962	9.13
Apr. 6	10.32	Oct. 20	11.37	July 7	11.25	Apr. 4, 1963	10.73
Oct. 7	10.40	Jan. 12, 1961	10.98	Oct. 5	10.67	Oct. 4	11.28
Jan. 13, 1960	9.85						

Hancock County

301703N0892219.1. Local number K74. Waveland Drug Co. SW $\frac{1}{4}$ sec. 2 (previously reported SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10), T. 9 S., R. 14 W. Drilled domestic artesian well in Graham Ferry Formation of Pliocene age, diam 4 in, reported depth 950 ft, cased to 910. Lsd 20.2 ft above msl. MP top of 4-in tee, 2.80 ft above lsd. Highest water level 65.0 above lsd, 1910; lowest 18.1 above lsd, Nov. 1, 1960. Records available: 1910, 1939, 1956-62. No measurement made in 1963. July 14, 1959, +19.2; Apr. 20, 1960, +19.3; Nov. 1, +18.1; Apr. 19, 1961, +20.8; Oct. 26, +19.1; Apr. 18, 1962, +19.0.

301610N0893321.1. Local number L73. State Highway Dept. Magnolia Memorial Roadside Park. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 9 S., R. 16 W. Drilled park-supply artesian well in Graham Ferry Formation of Pliocene age, diam 3 in, reported depth 675 ft, cased to 635. Lsd about 20 ft above msl. MP top of 3-in steel pipe, 2.90 ft above lsd. Highest water level 10.7 above lsd, June 19, 1956; lowest 6.9 above lsd, Apr. 23, 1963. Records available: 1956-63. Well is under highway with offset pipe running to drinking fountain. July 14, 1959, +8.2; Apr. 20, 1960, +8.2; Nov. 1, +7.8; Apr. 19, 1961, +8.1; Oct. 26, +7.8; Apr. 17, 1962, +7.9; Apr. 23, 1963, +6.9.

Harrison County

303110N0890702.1. Local number G121. U. S. Fish and Wildlife Service. Lyman Fish Hatchery. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 6 S., R. 11 W. Drilled unused artesian well in Graham Ferry Formation of Pliocene age, diam 3 in, depth 456 ft, screened 416-456. Lsd about 65 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 10.0 below lsd, Apr. 14, 1939; lowest 33.58 below lsd, Oct. 21, 1963. Records available: 1939, 1954-63. Affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 13, 1959	30.50	Jan. 25, 1961	29.90	Oct. 26, 1961	31.37	Nov. 7, 1962	32.12
Apr. 19, 1960	28.08	Apr. 19	28.99	Jan. 31, 1962	30.80	Apr. 22, 1963	31.43
June 29	30.85	July 26	30.96	Apr. 17	30.84	Oct. 21	33.58
Nov. 1	28.85						

302200N0890533.1. Local number L154. U. S. Post Office Dept. Gulfport. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9, T. 8 S., R. 11 W. Drilled unused artesian well in Pascagoula Formation of late Miocene age (previously reported Graham Ferry Formation), diam 3 in, depth 1,262 ft, screened 1,232-1,262. Lsd 19.62 ft above msl. MP top of 3-in tee, 1.70 ft above lsd. Highest water level 27.1 above lsd, Jan. 31, 1940; lowest 2.10 above lsd, Oct. 21, 1963. Records available: 1939-50, 1954-63.

Mar. 3, 1959	+6.3	Jan. 25, 1961	+5.0	Jan. 31, 1962	+3.9	Jan. 16, 1963	+3.3
July 14	5.2	Apr. 19	5.2	Apr. 17	3.6	Apr. 22	3.0
Apr. 20, 1960	6.0	July 26	5.2	July 25	3.8	July 24	2.2
Nov. 1	5.2	Oct. 26	4.0	Nov. 7	3.4	Oct. 21	2.1

302127N0890519.1. Local number L172. Gulfport Municipal Harbor. South end of main pier. Drilled public-supply artesian well in Graham Ferry Formation of Pliocene age, diam 4 in, reported depth 800 ft, cased to 760. Lsd 7.62 ft above msl. MP top of 4-in tee, 2.00 ft above lsd. Highest water level 38.0 above lsd, Mar. 16, 1939; lowest 14.9 above lsd, Jan. 16, 1963. Records available: 1939, 1956-63.

Mar. 3, 1959	+21.2	Jan. 25, 1961	+20.6	Jan. 31, 1962	+15.8	Jan. 16, 1963	+14.9
July 14	22.0	Apr. 19	21.5	Apr. 18	20.0	Apr. 22	20.1
Apr. 20, 1960	18.0	July 26	19.0	July 25	16.6	July 24	16.3
Nov. 1	19.0	Oct. 26	18.2	Nov. 7	18.7	Oct. 21	16.5

302355N0885403.1. Local number M120. City of Biloxi. 1332 Howard Ave. Drilled unused artesian well in Graham Ferry Formation of Pliocene age, diam 8 in, reported depth 928 ft, sounded to 660. Lsd 21.28 ft above msl. MP top of 8-in flange, 3.00 ft above lsd. Highest water level 44.0 above lsd, 1903; lowest 33.38 below lsd, Apr. 30, 1963. Records available: 1903, 1945-46, 1954-63. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.5	7.7	7.3	7.1	...	...	16.6	16.7	18.4	...	14.8	9.1
10	7.8	7.4	7.5	9.4	...	...	17.0	15.6	18.8	...	12.9	9.3
15	7.1	8.1	6.4	8.8	...	...	e17.4	16.1	16.0	...	...	10.8
20	7.6	8.8	6.7	...	...	...	e16.5	16.3	15.3	...	...	8.1
25	7.1	7.3	7.0	...	...	...	16.8	16.0	16.8	...	...	6.6
Eom	8.0	7.6	6.7	...	...	...	18.6	17.2	15.8	14.4	...	6.4

1960

5	5.9	6.5	6.5	6.7	10.0	15.2	23.4	21.7	16.3	17.5	13.4	10.1
10	6.3	6.8	6.2	6.9	10.0	18.4	23.6	...	17.0	14.9	12.4	10.7
15	6.7	6.4	4.7	7.6	8.9	19.5	25.5	...	15.0	15.7	11.9	10.3
20	6.7	6.9	5.8	9.7	12.0	18.5	24.7	...	16.2	15.5	11.1	10.1
25	6.6	6.0	6.2	8.9	14.1	21.7	26.6	18.7	16.7	13.4	10.3	9.6
Eom	6.6	5.6	6.9	11.4	13.7	25.4	21.8	18.7	16.2	13.5	11.6	9.5

1961

5	9.2	...	...	8.9	11.1	...	...	22.8	...	...	...	...
10	9.5	...	...	8.0	11.1	...	...	20.7	...	...	...	...
15	9.7	...	...	8.5	11.9	...	...	23.3	...	...	...	...
20	9.6	...	...	9.2	...	...	...	22.3	...	...	...	...
25	9.2	...	...	10.3	...	...	...	22.5	...	...	...	...
Eom	...	...	...	12.6	...	...	21.7	...	...	...	...	...

1962

5	...	12.6	12.1	e14.1	...	...	...	24.2	...	...	...	17.7
10	...	13.4	...	13.9	...	...	...	27.3	...	...	...	17.6
15	...	13.1	...	...	...	...	...	28.6	...	...	...	21.6
20	...	12.4	...	...	...	...	...	28.4	...	...	...	20.1
25	...	11.6	...	...	...	...	...	e28.5	26.7	...	...	17.6
Eom	...	13.0	...	...	...	...	...	20.6	...	...	...	17.6

e Estimated.

302355N0885403.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.0	17.8	17.1	19.8	25.8	23.8	....	22.7	23.5	23.0	22.9	....
10	17.5	16.7	17.0	20.2	25.1	22.3	....	22.6	25.4	21.5	21.9	....
15	e17.8	17.3	18.1	23.1	24.8	....	....	22.7	25.2	22.5	20.3	....
20	17.7	18.2	18.2	22.3	28.1	....	....	23.2	28.0	22.1	19.8	....
25	18.0	17.0	17.8	24.2	27.8	....	23.1	24.0	24.0	23.4	....	....
Eom	17.6	17.7	18.7	29.1	24.2	....	23.3	24.2	23.7	23.1	....	....

e Estimated.

302337N0885302.1. Local number M131. City of Biloxi. Community House, 301 East Beach St. Drilled public-supply artesian well in Graham Ferry Formation of Pliocene age, diam 2½ in, depth 440 ft, screened 400-440. Lsd 12.58 ft above msl. MP top of 2½-in cross, 2.20 ft above lsd. Highest water level 30.0 above lsd, 1911; lowest 2.84 above lsd, Jan. 31, 1962. Records available: 1911, 1939-40, 1956-62. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1959	+6.30	Nov. 1, 1960	+4.50	Apr. 19, 1961	+5.18	Jan. 31, 1962	+2.84
Apr. 20, 1960	5.30	Jan. 25, 1961	4.32	July 26	4.98	Apr. 18	3.10
June 29	5.40						

Hinds County

321945N0901522.1. Local number G125. Country Club of Jackson. SE¼SW¼ sec. 25, T. 6 N., R. 1 W. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 6 in, depth 862 ft, cased to 802. Lsd 369.34 ft above msl. MP top of 4-in coupling, 0.50 ft above lsd. Highest water level 160.0 below lsd, 1928; lowest 245.06 below lsd, Oct. 10, 1963. Records available: 1928, 1944-63.

Jan. 22, 1959	229.92	Dec. 7, 1959	233.75	Aug. 1, 1960	238.39	Apr. 2, 1962	235.65
Feb. 26	228.89	Jan. 5, 1960	232.19	Sept. 6	237.23	July 20	240.16
Mar. 31	228.27	Feb. 2	231.95	Oct. 3	237.12	Oct. 2	241.37
May 12	230.94	Mar. 9	231.47	Jan. 3, 1961	234.82	Jan. 7, 1963	239.34
June 17	233.34	Apr. 4	230.99	Apr. 3	234.03	Apr. 25	238.64
July 22	234.45	May 9	231.88	July 4	236.95	July 10	243.61
Sept. 29	235.03	June 3	232.60	Oct. 6	237.10	Oct. 10	245.06
Nov. 2	235.92	July 5	235.66	Jan. 4, 1962	234.77		

322138N0901300.1. Local number H92. Mississippi Power & Light Co. NW¼SE¼ sec. 17, T. 6 N., R. 1 E. Drilled unused artesian well in Meridian Sand Member of Tallahatche Formation of middle Eocene age, diam 2 in, depth 1,486 ft, screened 1,444-1,486. Lsd about 348 ft above msl. MP top of casing, 1.40 ft above lsd. Highest water level 69.63 below lsd, Feb. 13, 1957; lowest 74.41 below lsd, Oct. 10, 1963. Records available: 1956-63.

Jan. 22, 1959	71.59	Mar. 9, 1960	71.74	Jan. 4, 1961	72.51	Jan. 7, 1963	73.49
Mar. 31	71.33	Apr. 5	71.80	Apr. 3	72.16	Apr. 25	73.62
May 12	71.49	June 3	71.90	Jan. 8, 1962	72.64	July 11	73.86
Sept. 29	71.94	Aug. 1	72.31	Apr. 3	72.80	Oct. 10	74.41
Dec. 7	71.95	Oct. 3	72.33	Oct. 2	73.54		

322020N0901106.1. Local number H121. Virginia-Carolina Chemical Co. NE¼NW¼ sec. 27, T. 6 N., R. 1 E. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 6 in, reported depth 700 ft, cased to 660. Lsd 334.12 ft above msl. MP top of concrete curb on north side, 1.00 ft above lsd. Highest water level 142.73 below lsd, Sept. 11, 1944; lowest 191.50 below lsd, Oct. 6, 1961. Records available: 1944-45, 1947, 1949-62. Measurement discontinued.

Jan. 22, 1959	184.15	Nov. 3, 1959	187.31	May 9, 1960	186.99	Jan. 4, 1961	190.19
Mar. 2	184.01	Dec. 7	187.76	June 3	187.09	Apr. 3	189.55
31	182.94	Jan. 5, 1960	187.77	July 5	187.45	July 4	190.18
May 12	184.03	Feb. 2	187.60	Aug. 1	188.08	Oct. 6	191.50
June 17	184.37	Mar. 9	187.28	Sept. 6	188.72	Jan. 8, 1962	191.36
July 21	185.20	Apr. 5	187.12	Oct. 3	189.45	Apr. 3	190.92
Sept. 29	186.62						

322241N0900737.1. Local number H160. Colonial Country Club. SE¼NE¼ sec. 7, T. 6 N., R. 2 E. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 6 in, reported depth 700 ft, cased to 660. Lsd about 305 ft above msl. MP top of recorder-house floor, 2.50 ft above lsd (since Feb. 6, 1962). Highest water level 136.73 below lsd, Mar. 30, 1954; lowest 166.0 below lsd, Oct. 16, 1963. Records available: 1954-63. Affected by nearby pumping.

322241N0900737.1--Continued.

Highest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	147.4	147.3	.....	147.4	148.5	150.1	152.4	152.5	.....	.....	153.8	152.8
10	147.4	147.2	.....	147.5	148.9	150.3	151.5	153.4	.....	.....	153.8	152.9
15	147.0	147.1	.....	147.7	149.1	150.5	151.9	153.3	.....	.....	153.6	.....
20	147.2	147.0	.....	147.6	149.7	151.3	151.8	153.6	.....	.....	153.4	.....
25	147.3	147.0	.....	147.7	149.5	151.7	151.1	.....	.....	.....	153.0	.....
Eom	147.4	147.2	.....	148.0	149.8	152.4	152.0	.....	153.8	.....	153.0	.....
1960												
5	151.5	.....	.....	150.6	.....	153.3	.....	.....	.....	156.7	156.6	155.0
10	.....	.....	.....	150.8	151.5	153.8	.....	.....	155.6	156.9	156.1	154.7
15	.....	.....	.....	151.0	151.5	.....	.....	.....	155.6	156.5	156.0	154.6
20	.....	.....	.....	151.2	151.9	.....	.....	.....	156.2	156.8	155.8	154.7
25	.....	.....	.....	151.6	152.6	.....	.....	.....	156.3	156.9	.....	154.9
Eom	.....	.....	.....	.....	153.2	.....	.....	.....	156.6	156.4	.....	154.0
1961												
5	154.3	153.8	.....	153.0	154.7	156.5	154.1	155.5	156.8	.....	156.8	154.1
10	154.6	153.9	.....	.....	154.9	.....	154.3	155.8	156.5	156.1	156.1	.....
15	153.8	153.9	.....	.....	154.9	.....	154.6	155.7	156.2	156.0	155.4	.....
20	153.8	.....	.....	.....	155.3	.....	154.7	155.8	156.0	156.0	155.5	.....
25	153.6	.....	.....	.....	155.3	.....	154.8	156.8	156.0	156.0	155.1	.....
Eom	154.0	.....	.....	.....	156.1	.....	155.4	156.5	156.2	155.9	155.0	.....
1962												
5	.....	153.6	153.4	153.4	154.1	155.5	157.2	159.1	160.2	159.7	159.8	158.8
10	153.8	153.8	153.5	153.5	154.4	155.8	157.9	159.4	159.6	159.7	159.6	158.7
15	153.7	154.0	153.8	153.2	155.0	155.8	157.8	.....	.....	159.9	159.6	158.6
20	153.6	153.9	153.6	152.8	155.2	156.2	158.3	.....	159.5	160.4	159.3	158.8
25	153.7	153.7	153.6	153.4	155.4	156.7	159.1	159.9	159.8	160.1	159.3	158.6
Eom	153.7	153.6	153.6	153.7	155.8	156.6	159.6	159.9	159.9	159.9	159.0	157.8
1963												
5	157.6	157.4	.....	.....	.....	.....	161.3	.....	162.1	163.4	162.7	161.4
10	157.3	157.3	.....	.....	.....	.....	.....	.....	.....	163.9	162.6	161.2
15	157.1	.....	.....	.....	.....	.....	.....	.....	.....	164.0	162.4	161.1
20	157.0	.....	.....	.....	.....	.....	.....	.....	162.7	163.3	162.8	161.0
25	.....	.....	.....	.....	.....	.....	.....	.....	163.8	163.1	162.1	160.9
Eom	157.2	.....	.....	.....	.....	.....	.....	.....	162.9	163.8	161.7	160.9

e Estimated.

321812N0901136.1. Local number N139. Mississippi Cotton Oil Co. Jackson. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 4, T. 5 N., R. 1 E. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 10 to 6 in, depth 734 ft, cased to 714. Lsd 282.1 ft above msl. MP top of recorder-house floor, 1.30 ft above lsd (since Feb. 7, 1962). Highest water level 118.49 below lsd, Jan. 4, 1963; lowest 168.98 below lsd, Sept. 30, 1955. Records available: 1944, 1954-63.

Highest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	134.9	136.5	136.9	135.9	139.8	142.8	.....	.....	.....	.....	140.7	135.7
10	136.0	135.9	136.8	136.5	140.9	142.3	.....	.....	.....	.....	139.4	135.7
15	136.5	135.8	136.5	134.6	142.7	142.3	.....	.....	.....	.....	138.3	135.7
20	136.7	135.1	136.0	134.7	141.5	144.5	.....	.....	.....	.....	143.8	137.6
25	137.1	135.0	135.6	136.6	140.8	.....	.....	.....	.....	.....	143.2	136.9
Eom	137.1	135.7	135.2	137.7	142.0	.....	.....	.....	.....	.....	141.0	135.7
1960												
5	132.9	132.3	130.6	132.4	136.7	137.9	139.6	141.1	.....	137.4	136.8	133.7
10	133.7	130.9	130.4	133.3	135.1	138.5	140.5	.....	139.3	147.1	136.2	133.5
15	133.9	130.6	130.3	133.3	133.8	.....	141.8	.....	138.3	141.4	133.7	133.1
20	133.6	130.7	130.7	133.7	134.7	.....	141.7	.....	138.0	147.4	132.8	132.8
25	133.0	130.6	131.1	135.6	135.3	.....	.....	.....	138.7	137.3	133.0	132.9
Eom	132.9	130.6	131.6	138.4	137.1	.....	.....	.....	138.8	137.7	133.3	131.9
1961												
5	131.7	131.7	129.2	131.5	133.9	135.6	134.3	133.1	131.7	137.1	128.3	124.0
10	131.0	131.8	132.0	132.2	134.4	136.0	133.9	132.7	130.9	123.7	127.2	123.6
15	130.7	131.2	132.0	131.7	133.5	135.9	133.9	132.9	130.5	137.2	126.1	123.2
20	130.9	131.1	132.0	130.7	134.7	135.2	132.9	133.1	130.8	123.1	125.6	122.4
25	131.1	130.5	131.5	130.3	135.5	134.7	132.6	133.0	130.9	127.1	124.8	.....
Eom	131.5	129.6	130.5	132.2	135.6	134.9	132.7	132.6	130.0	127.8	124.2	.....

321812N0901136.1--Continued.

1962											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	120.5	.....	123.0	124.0	130.7	133.2	131.3	133.0	131.4	130.1	126.1
10	121.0	121.8	122.7	124.0	131.6	133.9	131.5	132.1	131.3	130.2	125.2
15	.....	122.6	122.2	124.9	131.2	134.1	132.3	131.9	.....	130.7	124.4
20	.....	122.9	121.8	124.8	131.7	131.9	132.5	131.7	129.8	131.3	124.0
25	.....	123.1	121.6	125.9	132.4	131.1	132.6	132.2	128.9	130.2	123.1
Eom	.....	123.2	123.0	128.8	132.9	131.5	132.7	132.2	129.6	127.8	122.0

1963											
5	118.5	119.9	120.6	.....	123.4	126.5	129.8	129.2	127.5	.....	125.5
10	118.6	120.0	120.7	.....	.....	127.3	130.1	129.3	127.2	126.4	.....
15	119.0	120.2	120.9	.....	.....	128.6	130.4	129.3	127.4	126.9	124.8
20	119.5	119.9	121.5	123.9	.....	129.2	130.8	128.6	126.9	127.3	124.3
25	119.6	119.5	121.6	124.2	.....	129.5	130.2	128.4	126.3	127.2	124.1
Eom	119.6	119.5	121.8	123.5	126.1	.....	129.7	128.4	126.4	126.7	123.2

e Estimated.

321740N0901045.1. Local number N146. Mississippi Power & Light Co. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 10, T. 5 N., R. 1 E. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 10 in, reported depth 750 ft, cased to 710. Lsd 280.75 ft above msl. MP top of casing, 1.10 ft above lsd. Highest water level 101.82 below lsd, Jan. 30, 1946; lowest 161.28 below lsd, July 3, 1957. Records available: 1945-47, 1949-50, 1956-62. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1959	139.5	Sept. 7, 1959	152.30	July 5, 1960	156.58	Mar. 31, 1961	148.40
Feb. 20	140.5	Jan. 4, 1960	147.03	Aug. 1	157.98	July 3	160.75
Mar. 31	143.2	Mar. 8	146.41	Sept. 6	158.04	Oct. 6	160.49
Apr. 5	143.5	Apr. 4	149.11	Oct. 3	158.60	Jan. 4, 1962	149.90
May 11	150.97	May 9	149.24	Jan. 3, 1961	148.22	Apr. 2	150.90
June 16	155.37	June 3	156.24				

320620N0903700.1. Local number S3. Town of Utica. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 16, T. 3 N., R. 4 W. Drilled unused artesian well in sand of Cockfield Formation of Claiborne Group of middle Eocene age, diam 10 in, depth 1,780 ft, screened 1,680-1,780. Lsd about 308 ft above msl. MP top of casing, 1.40 ft above lsd. Highest water level 179.65 below lsd, Feb. 27, 1958; lowest 182.93 below lsd, Oct. 7, 1963. Records available: 1956-63.

Jan. 22, 1959	180.46	Apr. 4, 1960	180.55	July 3, 1961	181.27	Oct. 2, 1962	182.17
Apr. 1	180.10	June 16	180.93	Oct. 6	181.60	Jan. 7, 1963	182.08
June 16	180.34	Oct. 3	181.31	Jan. 4, 1962	181.32	Apr. 25	182.44
Sept. 29	180.86	Jan. 3, 1961	181.36	Apr. 2	181.50	July 10	182.45
Jan. 5, 1960	180.69	Mar. 31	180.78	July 20	181.90	Oct. 7	182.93

Holmes County

330448N0901922.1. Local number P159. M. L. Smith. NE $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported SE $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 8, T. 14 N., R. 1 W. Drilled public-supply artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 3 to 2 in, depth 1,597 ft, screened 1,557-1,597. Lsd 111.72 ft above msl. MP top of 3-in tee, at lsd. Highest water level 139.6 above lsd, July 31, 1941; lowest 106.2 above lsd, July 6, 1959. Records available: 1939-63.

Jan. 12, 1959	112.7	Apr. 6, 1960	116.2	July 5, 1961	113.2	Jan. 3, 1963	112.2
Apr. 10	107.2	July 11	113.2	Oct. 3	113.2	Apr. 1	112.9
July 6	106.2	Oct. 17	113.7	Jan. 16, 1962	112.9	July 8	109.7
Oct. 8	114.2	Jan. 9, 1961	113.7	Apr. 3	114.7	Oct. 1	109.7
Jan. 11, 1960	116.2	Apr. 4	113.8	July 9	112.7		

Humphreys County

331151N0902902.1. Local number C110. Wister Henry. NW $\frac{1}{4}$ NW $\frac{1}{4}$ (previously reported NW $\frac{1}{4}$ NE $\frac{1}{4}$) sec. 35, T. 16 N., R. 3 W. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 to 2 in, depth 1,627 ft, screened 1,587-1,627. Lsd 115.21 ft above msl. MP top of 4-in tee, 0.50 ft above lsd. Highest water level 114.3 above lsd, Feb. 1, 1941; lowest 80.5 above lsd, Oct. 1, 1963. Records available: 1939-41, 1944-63.

Jan. 12, 1959	+87.0	Apr. 6, 1960	+87.0	Apr. 4, 1961	+87.5	Apr. 3, 1962	+85.5
Apr. 10	87.2	July 11	87.0	July 5	85.5	Oct. 8	82.5
July 6	87.2	Oct. 17	85.2	Oct. 3	83.9	Apr. 1, 1963	82.5
Oct. 8	86.3	Jan. 9, 1961	85.0	Jan. 16, 1962	85.0	Oct. 1	80.5
Jan. 11, 1960	86.5						

Jackson County

302455N0884935.1. Local number N48. Louisville & Nashville RR. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 19, T. 7 S., R. 8 W. Drilled unused artesian well in sand of Pascagoula Formation of late Miocene age, diam 6 in, reported depth 535 ft, cased to 495, screened 495-535. Lsd about 23 ft above msl. MP hole in northwest side of pump, 0.80 ft above lsd. Highest water level 30.0 above lsd, 1928; lowest 22.14 below lsd, Oct. 25, 1960. Records available: 1928, 1939, 1958-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1928	+30.0	Jan. 12, 1959	-11.44	Aug. 10, 1959	-13.39	Mar. 14, 1960	-13.58
Apr. 21, 1939	+8.0	Feb. 26	11.80	Sept. 11	13.91	May 3	14.94
Aug. 29, 1958	-8.80	Mar. 6	11.73	23	13.40	July 7	19.97
Sept. 8	9.11	May 7	12.97	Oct. 7	14.27	Oct. 25	22.14
17	9.70	19	12.59	22	12.83	Dec. 12	18.87
24	9.54	29	13.91	Nov. 13	12.95	Jan. 24, 1961	17.49
Oct. 2	9.63	June 4	11.95	Dec. 4	13.99	Apr. 19	18.70
20	8.92	11	12.06	23	11.78	July 26	19.79
Nov. 3	10.13	17	14.53	Jan. 8, 1960	12.49	Oct. 26	18.20
Dec. 9	11.58	July 1	14.02	13	14.24	Jan. 31, 1962	12.57
23	12.45	8	14.05	Feb. 15	14.30	July 24, 1963	13.94

302357N0884738.1. Local number N73. Magnolia State Park. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28 (previously reported SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33), T. 7 S., R. 8 W. Drilled public-supply artesian well in sand of Graham Ferry Formation of Pliocene age, diam 4 in, depth 536 ft, screened 516-536. Lsd about 21 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 12.0 above lsd, Apr. 8, 1938; lowest 8.94 below lsd, July 24, 1962. Records available: 1938, 1956-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1959	2.47	Jan. 8, 1960	3.76	Nov. 1, 1960	7.96	Jan. 31, 1962	5.01
May 29	3.45	Mar. 14	3.84	Dec. 12	6.89	Apr. 18	5.54
June 4	3.73	Apr. 20	3.78	Jan. 24, 1961	6.49	July 24	8.94
11	3.45	May 3	4.09	Apr. 19	6.60	July 24, 1963	7.50
July 1	4.29	July 21	7.56	July 26	7.81	Oct. 22	7.68
13	4.34	Oct. 25	8.17	Oct. 26	7.44		

302451N0883259.1. Local number P45. Central Artesian Well Co. NE $\frac{1}{4}$ sec. 10, T. 7 S., R. 6 W. Drilled unused artesian well in sand of Pascagoula Formation of late Miocene age, diam 4 in, depth 806 ft, cased to 806. Lsd about 20 ft above msl. MP hole in tee, 0.80 ft above lsd. Highest water level 28.0 above lsd, Sept. 6, 1919; lowest 23.72 below lsd, Oct. 22, 1963. Records available: 1919, 1958-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 6, 1919	+28.0	Dec. 15, 1958	-17.58	July 1, 1959	-20.34	May 12, 1960	-19.11
Sept. 4, 1958	-17.30	23	17.72	8	20.68	July 26	20.75
11	17.21	30	18.34	16	21.31	Jan. 24, 1961	17.93
18	16.61	Jan. 7, 1959	19.14	23	19.33	Apr. 20	18.29
24	16.88	29	18.33	Aug. 15	19.55	July 27	19.98
Oct. 2	17.19	Feb. 20	18.15	27	19.81	Oct. 27	20.61
10	17.06	Apr. 21	17.78	Sept. 17	20.90	Feb. 1, 1962	21.30
17	17.05	May 1	18.25	Oct. 19	20.82	Apr. 18	21.55
22	17.08	14	18.91	Nov. 19	21.49	July 25	22.53
31	16.94	21	18.30	Dec. 4	21.93	Nov. 8	22.42
Nov. 7	17.05	28	19.89	17	21.56	Jan. 17, 1963	22.79
14	17.82	June 3	19.66	Jan. 7, 1960	21.69	Apr. 23	22.64
24	17.47	10	19.69	Feb. 11	21.46	July 23	23.08
Dec. 5	17.13	19	20.56	Mar. 17	20.47	Oct. 22	23.72
9	17.18	24	20.34	Apr. 7	19.52		

302028N0882940.1. Local number Q106. U.S. Geol. Survey. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 16, T. 8 S., R. 5 W. Drilled unused artesian well in sand of Graham Ferry Formation of Pliocene age, diam 6 in, reported depth 348 ft, cased to 342, screened 342-348. Lsd about 4 ft above msl. MP top of steel casing, 1.00 ft above lsd. Highest water level 41.38 below lsd, Nov. 7, 1959; lowest 104.59 below lsd, Jan. 30, 1963. Records available: 1959-63. Affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 1, 1959	45.26	June 16, 1960	50.87	Aug. 25, 1961	53.69	Sept. 26, 1962	68.58
Oct. 29	45.53	July 31	47.31	Nov. 12	55.32	Oct. 23	97.11
Nov. 7	41.38	Aug. 2	45.76	Dec. 22	59.80	Dec. 5	96.84
Dec. 12	43.19	Sept. 17	43.73	Feb. 22, 1962	58.58	Jan. 30, 1963	104.59
Jan. 18, 1960	48.96	Oct. 7	49.31	Mar. 1	59.11	Apr. 17	104.06
Feb. 5	46.50	Nov. 5	50.77	Apr. 29	61.49	July 19	84.69
Mar. 12	48.15	Dec. 15	51.75	June 15	58.75	Sept. 3	82.79
Apr. 11	48.24	Feb. 23, 1961	50.00	July 12	63.18	Nov. 28	78.82
May 9	50.52	Mar. 15	51.86	Aug. 14	68.66	Dec. 15	76.01

302132N0882938.1. Local number Q112. Jackson County Board of Supervisors. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 9, T. 8 S., R. 5 W. Drilled unused artesian well in sand of Citronelle Formation of Pliocene age, diam 6 to 4 in, depth 202 ft, cased to 192, screened 192-202. Lsd about 3.4 ft above msl. MP top of steel casing, 2.00 ft above lsd. Highest water level 6.29 below lsd, May 6, 1960; lowest 11.91 below lsd, Nov. 19, 1963. Records available: 1960-63.

302132N0882938. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 6, 1960	6.29	Nov. 14, 1961	7.11	Aug. 21, 1962	8.96	Mar. 11, 1963	10.62
Aug. 29	7.51	Dec. 19	7.10	Sept. 26	9.08	Apr. 4	10.78
Sept. 16	7.09	Feb. 5, 1962	7.36	Oct. 1	9.08	May 1	11.20
Oct. 6	7.13	Mar. 12	7.19	Nov. 1	9.80	June 1	11.88
Nov. 1	7.23	Apr. 1	7.29	Dec. 5	10.64	July 25	11.72
Dec. 31	7.20	May 1	7.68	Jan. 8, 1963	10.52	Oct. 25	11.87
Mar. 26, 1961	6.51	June 11	8.19	Feb. 14	10.50	Nov. 19	11.91
Aug. 26	7.22						

Jefferson County

314240N0910340.1. Local number H3. Town of Fayette. Irreg. sec. 36, T. 9 N., R. 1 E. Drilled unused artesian well in sand of Miocene age, diam 8 in, reported depth 272 ft, cased to 232, screened 232-272. Lsd about 270 ft above msl. MP top of steel casing, 1.10 ft above lsd. Highest water level 117.60 below lsd, Sept. 9, 1962; lowest 130.15 below lsd, Jan. 23, 1962. Records available: 1961-63. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	119.68	.....	128.10	.....	120.53	121.10	122.37	121.19	120.49
10	119.48	120.48	122.30	121.11	121.00	.....	.....	.....	120.50
15	120.33	119.48	120.65	122.00	121.19	120.81	.....	122.30	.....	120.50
20	118.78	119.59	.....	121.81	121.32	.....	.....	122.39	.....	.....
25	119.83	119.59	.....	121.79	121.31	.....	.....	122.38	120.66	.....
Eom	119.76	120.05	.....	121.73	121.22	121.21	122.40	125.33	120.60	121.84

1962

5	.....	121.73	119.50	120.14	119.90	120.50	120.87	121.50	117.82	121.30	120.90	121.79
10	.....	121.86	119.55	.....	120.20	120.80	120.62	.....	.....	121.23	122.01	.....
15	.....	121.70	119.60	.....	120.28	120.22	121.00	118.55	121.41	.....	121.99	121.60
20	.....	121.82	.....	.....	120.40	120.09	121.28	118.57	121.41	121.45	121.49	121.58
25	122.23	125.18	.....	.....	120.64	120.30	121.67	118.30	121.41	121.20	121.65	.....
Eom	122.00	119.70	119.91	.....	120.26	120.23	121.80	117.95	121.41	121.10	121.79	.....

1963

5	.....	121.51	121.10	122.10	.....	.....	121.75	.....	122.20	.....	.....	.....
10	.....	121.25	120.84	121.80	.....	.....	121.50	.....	122.35	.....	.....	.....
15	122.00	121.58	121.48	121.40	127.79	.....	121.66	.....	122.60	.....	.....	.....
20	121.00	121.32	.....	121.95	127.70	122.50	.....	121.69	.....	.....	.....	.....
25	122.53	121.32	121.16	121.69	127.30	122.15	.....	122.10	.....	.....	.....	.....
Eom	121.90	121.27	.....	121.47	127.30	122.10	.....	122.30	.....	.....	.....	.....

e Estimated.

Jones County

312850N0890220.1. Local number Q108. Town of Overt. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 18, T. 6 N., R. 10 W. Drilled unused artesian well in Catahoula Sandstone of Miocene (?) age, diam 2 in, depth 212 ft, cased to 30. Lsd about 175 ft above msl. MP top of 2-in ell, 0.80 ft above lsd. Highest water level 4.38 above lsd, Mar. 14, 1940; lowest 2.39 below lsd, Apr. 22, 1963. Records available: 1940-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 16, 1959	-0.90	Oct. 31, 1960	-0.92	July 25, 1961	-1.80	Apr. 17, 1962	-1.60
Jan. 21, 1960	.71	Jan. 21, 1961	1.45	Oct. 25	1.80	Nov. 8	2.38
Apr. 19	.85	Apr. 18	1.46	Jan. 30, 1962	1.15	Apr. 22, 1963	2.39

Kemper County

325510N0883016.1. Local number E108. G. B. Luke. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 12 N., R. 17 E. (previously reported NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6, T. 12 N., R. 18 E.). Drilled unused artesian well in sand of Etaw Formation of Late Cretaceous age, diam 4 to 2 in, depth 1,150 ft, perforated 1,050-1,150. Lsd about 180 ft (previously reported 190 ft) above msl. MP mouth of pump, 2.70 ft above lsd. Highest water level, formerly flowed; lowest 11.17 below lsd, Oct. 15, 1962. Records available: 1955-56, 1958-63.

Oct. 22, 1959	9.37	Oct. 24, 1960	6.33	Apr. 10, 1962	6.60	Apr. 9, 1963	8.60
Nov. 12	9.00	Jan. 16, 1961	9.50	Oct. 15	11.17	Oct. 10	9.28
July 18, 1960	9.28	Apr. 11	9.45				

Lauderdale County

321851N0884510.1. Local number M102. U. S. Fish and Wildlife Service. Meridian Fish Hatchery. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34 (previously reported NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 26), T. 6 N., R. 15 E. Drilled hatchery-supply artesian well in basal sands of Wilcox Formation of early Eocene age, diam 10 to 8 in, depth 728 ft, screened 693-728. Lsd about 290 ft above msl. MP top of recorder-house floor, 6.00 ft above lsd. Highest water level 5.87 above lsd, Dec. 24, 1962; lowest 0.42 above lsd, Aug. 24, 1957. Records available: 1955-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1959	+4.93	May 6, 1960	+5.46	May 14, 1961	+5.15	Dec. 24, 1962	+5.87
Feb. 9	5.08	July 27	3.53	Aug. 22	5.20	Apr. 22, 1963	3.62
26	5.12	Aug. 27	4.52	July 24, 1962	5.22	May 23	1.38
Mar. 10	5.24	Sept. 26	5.27	Aug. 19	5.40	June 19	2.30
Oct. 26	5.18	Nov. 17	5.39	Sept. 15	4.92	July 31	1.82
Nov. 26	5.18	Dec. 4	5.54	Oct. 14	4.14	Aug. 6	5.78
Dec. 19	5.42	Feb. 10, 1961	5.55	Nov. 13	5.43	Nov. 1	1.10
Jan. 21, 1960	5.70	May 3	5.38				

Leake County

324420N0892950.1. Local number L1. Carthage & Canton RR. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5, T. 10 N., R. 8 E. Drilled unused artesian well in sand of Wilcox Formation of early Eocene age, diam 4 to 2 in, reported depth 700 ft, cased to 680, screened 680-700. Lsd about 350 ft above msl. MP top of 4-in casing, 2.50 ft above lsd. Highest water level 20.81 below lsd, May 1, 1958; lowest 24.40 below lsd, Oct. 10, 1963. Records available: 1957-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1959	21.66	Apr. 5, 1960	21.95	Apr. 11, 1961	22.24	Oct. 15, 1962	23.58
June 2	21.62	July 18	22.69	Oct. 16	23.25	Apr. 9, 1963	23.40
Oct. 23	22.05	Oct. 24	22.86	Apr. 10, 1962	22.46	Oct. 10	24.40
Jan. 14, 1960	21.79	Jan. 16, 1961	22.64				

Lee County

341458N0884217.1. Local number L101. U. S. Fish and Wildlife Service. Tupelo Fish Hatchery. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 6, T. 10 S., R. 6 E. Drilled hatchery-supply artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 in, depth 412 ft, cased to 342. Lsd 262.3 ft above msl. MP top of air-line hole on east side, 1.00 ft above lsd. Highest water level 47.11 below lsd, Apr. 15, 1948; lowest 133.00 below lsd, Oct. 19, 1962. Records available: 1948, 1950-63. Affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1959	b105.59	July 19, 1960	b134.20	Sept. 29, 1961	b130.71	Jan. 10, 1963	120.00
July 10	b135.86	Oct. 27	b122.08	Jan. 23, 1962	120.91	Apr. 11	124.00
Oct. 21	b118.53	Jan. 18, 1961	b117.65	Mar. 22	b143.55	July 16	129.91
Jan. 16, 1960	b113.70	Apr. 12	b131.63	July 17	b145.91	Oct. 15	131.22
May 24	b130.64	July 19	b129.40	Oct. 19	133.00		

b Well pumped recently.

Leflore County

333823N0902051.1. Local number D160. Mrs. D. B. Jameson. NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 31, T. 21 N., R. 1 W. Drilled domestic artesian well in sand of Tallahatta Formation of middle Eocene age, diam 2 in, depth 816 ft, cased to 816. Lsd 132.05 ft above msl. MP top of 2-in pipe on well cross, 1.50 ft above lsd. Highest water level 30.0 above lsd, 1919; lowest 1.9 above lsd, Apr. 3, 1963. Records available: 1919, 1938-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1959	+4.7	Apr. 7, 1960	+4.9	Apr. 6, 1961	+5.1	Apr. 4, 1962	+4.5
Apr. 7	4.6	July 13	4.9	July 6	3.4	Oct. 10	4.2
July 7	2.0	Oct. 19	4.6	Oct. 4	3.5	Apr. 3, 1963	1.9
Oct. 7	4.1	Jan. 10, 1961	4.5	Jan. 17, 1962	3.9	Oct. 3	3.2
Jan. 12, 1960	3.4						

333151N0900856.1. Local number L136. A. P. Haynes. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12, T. 19 N., R. 1 E. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 in, depth 800 ft, screened 760-800. Lsd 131.30 ft above msl. MP top of 4-in ell, 0.50 ft above lsd. Highest water level 38.7 above lsd, July 4, 1942; lowest 8.3 above lsd, Oct. 3, 1963. Records available: 1938-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1959	+13.3	Apr. 7, 1960	+15.5	Apr. 6, 1961	+13.0	Apr. 4, 1962	+14.3
Apr. 7	13.9	July 13	11.3	July 6	13.6	Oct. 10	9.7
July 7	9.8	Oct. 19	11.5	Oct. 4	13.3	Apr. 3, 1963	9.7
Oct. 7	12.1	Jan. 10, 1961	13.5	Jan. 17, 1962	10.1	Oct. 3	8.3
Jan. 12, 1960	14.6						

333100N0901058.1. Local number L152. City of Greenwood. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, T. 19 N., R. 1 E. Drilled unused artesian well in sand of Tallahatta Formation of middle Eocene age, diam 6 in, depth 660 ft, reportedly screened 620-640. Lsd 133.98 ft above msl. MP top of $\frac{1}{2}$ -in bushing in top of well, 2.80 ft above lsd. Highest water level 19.9 above lsd, Aug. 5, 1944; lowest 19.3 below lsd, June 27, 1948. Records available: 1938, 1940-50, 1954-63. Affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1959	+1.82	Apr. 7, 1960	+4.17	Apr. 6, 1961	+4.00	Apr. 4, 1962	-3.45
Apr. 7	3.38	July 13	-7.60	July 6	-11.71	Oct. 10	c36.70
July 7	.58	Oct. 19	c32.08	Oct. 4	12.72	Apr. 3, 1963	1.46
Oct. 7	2.08	Jan. 10, 1961	-10.18	Jan. 17, 1962	3.52	Oct. 3	2.59
Jan. 12, 1960	2.85						

c Nearby well being pumped.

Lowndes County

332837N0883936.1. Local number E5. A. L. Echols. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 19 N., R. 16 E. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 in, depth 442 ft, cased to about 30. Lsd about 226 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 42.45 below lsd, Apr. 29, 1958; lowest 49.85 below lsd, July 18, 1960. Records available: 1957-62. Measurement discontinued. Affected by nearby pumping.

Jan. 27, 1959	45.72	Jan. 14, 1960	47.50	Jan. 17, 1961	48.61	Oct. 16, 1961	49.40
July 10	48.10	Apr. 15	47.38	Apr. 11	48.61	Jan. 22, 1962	c50.03
29	48.44	July 18	49.85	July 18	c50.10	Apr. 10	c50.20
Oct. 20	47.39	Oct. 25	48.80				

c Nearby well being pumped.

Madison County

322729N0900730.1. Local number W1. Joe Rice. SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 7 N., R. 2 E. Drilled unused artesian well in sand of Cockfield Formation of Claiborne Group of middle Eocene age, diam 6 to 2 $\frac{1}{2}$ in, reported depth 672 ft, screened 630-670. Lsd about 334 ft above msl. MP top of 6-in casing, 0.60 ft above lsd. Highest water level 129.95 below lsd, Aug. 15, 1956; lowest 133.14 below lsd, Oct. 9, 1961. Records available: 1956-62. Measurement discontinued.

Feb. 2, 1959	131.10	Dec. 8, 1959	131.60	June 6, 1960	131.80	Jan. 4, 1961	132.18
Apr. 1	130.84	Jan. 5, 1960	131.25	July 6	132.24	Apr. 3	131.61
June 17	131.11	Feb. 2	131.12	Aug. 1	132.57	July 4	132.40
July 22	131.60	Mar. 9	130.95	Sept. 7	132.09	Oct. 9	133.14
Sept. 29	131.73	Apr. 5	131.15	Oct. 4	132.28	Jan. 8, 1962	132.92
Nov. 3	131.60	May 10	131.28				

Monroe County

335930N0883000.1. Local number C101. Town of Amory. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 12 S., R. 19 W. Drilled unused artesian well in sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age, diam 8 in, reported depth 300 ft, cased to 300. Lsd about 240 ft above msl. MP top of recorder-house floor, 2.10 ft above lsd (since June 7, 1962). Highest water level 1.05 above lsd, Mar. 23-24, 1955; lowest 13.7 below lsd, July 18, 1962. Records available: 1954-63. Affected by nearby pumping.

Feb. 15, 1959	0.6	Nov. 1, 1959	2.8	Jan. 18, 1961	4.2	Sept. 3, 1962	8.2
Mar. 2	.8	Jan. 31, 1960	3.2	Apr. 12	3.4	Oct. 28	8.2
Apr. 27	1.0	Feb. 8	3.5	July 19	4.0	Nov. 3	8.2
May 4	1.3	Mar. 1	3.2	Oct. 18	5.3	Dec. 5	8.2
June 8	1.9	Apr. 24	2.3	Apr. 11, 1962	12.1	Jan. 15, 1963	8.4
July 6	2.7	May 8	2.2	June 7	9.8	Feb. 12	8.4
Aug. 3	2.6	July 19	5.8	July 18	13.7	Mar. 14	6.7
Sept. 21	2.9	Oct. 26	5.2	Aug. 11	8.2	July 16	11.4
Oct. 5	2.9						

334830N0883950.1. Local number O101. H. A. Craige. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3, T. 15 S., R. 6 E. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 in, reported depth 450 ft, cased to about 30. Lsd about 330 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 132.90 below lsd, Jan. 13, 1954; lowest 137.39 below lsd, Oct. 16, 1963. Records available: 1954-63.

Jan. 27, 1959	135.45	Apr. 14, 1960	135.97	Apr. 12, 1961	135.17	Oct. 15, 1962	134.85
Apr. 8	135.52	June 10	135.86	Sept. 29	133.38	Apr. 11, 1963	134.75
July 10	135.23	Oct. 26	136.30	Mar. 22, 1962	134.95	Oct. 16	137.39
Oct. 22	135.54						

Montgomery County

332910N0894320.1. Local number F2. Town of Winona. NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, T. 19 N., R. 5 E. Drilled unused artesian well in sand of Tallahatta Formation of middle Eocene age, diam 10 in, depth 308 ft, screened 248-308. Lsd 373.14 ft above msl. MP top of steel base, 1.70 ft above lsd. Highest water level 94.7 below lsd, Apr. 19, 1959; lowest 100.2 below lsd, Oct. 2, 1963. Records available: 1939, 1958-63. Affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 19, 1959	94.7	Dec. 26, 1960	96.3	Nov. 26, 1961	97.0	Feb. 28, 1963	97.7
May 3	95.4	Jan. 15, 1961	95.9	Dec. 17	96.7	Mar. 11	97.5
June 7	95.6	Feb. 19	95.9	Mar. 11, 1962	96.4	Apr. 7	97.7
July 5	96.5	Mar. 5	95.9	Apr. 15	96.6	May 5	98.2
Oct. 11	97.2	Apr. 2	95.8	July 29	99.4	June 2	99.5
Jan. 14, 1960	95.4	May 1	96.1	Aug. 5	99.5	July 14	99.8
July 18	98.9	June 21	97.1	Sept. 30	98.9	Aug. 1	100.0
Aug. 29	98.1	July 17	97.0	Oct. 28	98.5	Sept. 30	100.1
Sept. 5	98.1	Aug. 28	97.8	Nov. 22	97.6	Oct. 2	100.2
Oct. 31	97.4	Sept. 4	97.8	Dec. 11	97.3	Nov. 28	99.2
Nov. 28	96.6	Oct. 8	97.5	Jan. 7, 1963	97.5	Dec. 14	99.0

e Estimated.

Noxubee County

330650N0883410.1. Local number H115. Borden Food Products Co. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 15 N., R. 17 E. Drilled industrial artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 10 in, depth 1,807 ft, cased to 1,787. Lsd about 185 ft above msl. MP top of $\frac{1}{2}$ -in gate valve on discharge pipe, 3.00 ft above lsd. Highest water level 33.2 above lsd, Feb. 3, 1955; lowest 23.9 above lsd, Oct. 10, 1963. Records available: 1955-56, 1958-63.

Mar. 12, 1959	+28.4	Oct. 24, 1960	+29.2	Oct. 16, 1961	+27.5	Apr. 9, 1963	+25.3
Apr. 15, 1960	27.5	Jan. 16, 1961	26.0	Apr. 10, 1962	27.2	Oct. 10	23.9
July 18	28.4	Apr. 11	28.4	Oct. 15	25.9		

Oktibbeha County

332710N0884717.1. Local number G102. Mississippi State University. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 18 N., R. 14 E. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 in, depth 1,008 ft, cased to 968. Lsd 380.95 ft above msl. MP top of casing, 2.33 ft above lsd. Highest water level 176.14 below lsd, Apr. 3, 1941; lowest 191.78 below lsd, July 15, 1963. Records available: 1940-48, 1954-63.

Jan. 27, 1959	186.6	July 18, 1960	188.5	Oct. 16, 1961	189.8	Oct. 15, 1962	191.39
July 10	187.2	Oct. 25	189.1	Jan. 22, 1962	189.7	Jan. 8, 1963	191.42
Oct. 20	187.7	Jan. 16, 1961	188.9	Apr. 10	189.7	Apr. 9	191.29
Jan. 14, 1960	187.6	Apr. 11	188.8	July 17	190.87	July 15	191.78
Apr. 15	187.9	July 18	189.1				

Rankin County

321846N0894751.1. Local number J110. Town of Pelahatchie. SW $\frac{1}{4}$ SW $\frac{1}{4}$ (previously reported NW $\frac{1}{4}$ SW $\frac{1}{4}$) sec. 33, T. 6 N., R. 5 E. Drilled unused artesian well in sand of Cockfield Formation of Claiborne Group of middle Eocene age, diam 10 in, depth 594 ft, screened 565-591. Lsd about 365 ft above msl. MP bottom of recorder house, 1.60 ft above lsd. Highest water level 101.62 below lsd, Apr. 9, 1956; lowest 107.9 below lsd, Sept. 4, 1958. Records available: 1955-63. Affected by nearby pumping. Recorder removed October 1959.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	104.0	103.2	102.8	.....	103.1	.....	103.8	104.2	103.9	.....	.....	.....
10	103.9	103.1	102.8	.....	103.2	103.4	103.7	104.4	103.6	.....	.....	.....
15	103.5	103.1	102.6	102.8	103.0	103.2	.....	104.0	.....	.....	.....	.....
20	103.3	103.4	102.8	102.6	.....	103.5	104.0	103.8	.....	.....	.....	.....
25	103.6	103.0	102.6	102.9	.....	104.2	104.0	104.0	.....	.....	.....	.....
Eom	103.3	102.9	102.6	102.9	103.5	104.0	104.8	104.0	.....	.....	.....	.....

e Estimated.

321846N0894751.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1960	103.4	Jan. 1, 1961	104.6	Nov. 26, 1961	104.8	Dec. 29, 1962	105.6
Feb. 25	102.4	Feb. 22	104.4	Dec. 24	104.4	Jan. 20, 1963	105.1
Mar. 22	102.6	Mar. 17	104.3	Feb. 23, 1962	105.0	Feb. 2	105.2
Apr. 5	102.5	Apr. 24	104.7	Mar. 31	105.2	July 31	104.9
May 9	103.2	May 1	104.8	Apr. 18	105.2	Aug. 24	105.0
July 25	105.0	June 26	105.2	May 3	105.4	Sept. 28	105.2
Aug. 29	104.6	July 5	104.5	Aug. 3	107.5	Oct. 6	104.5
Sept. 12	104.2	Aug. 28	105.6	Sept. 17	107.6	Nov. 30	104.7
Nov. 13	104.6	Sept. 18	105.4	Oct. 5	107.6	Dec. 30	104.4
Dec. 11	104.5	Oct. 9	105.4	Nov. 28	106.2		

Scott County

322148N0892832.1. Local number L1. Town of Forest. $SE\frac{1}{4}NE\frac{1}{4}$ sec. 16, T. 6 N., R. 8 E. Drilled unused artesian well in sand of Cockfield Formation of Claiborne Group of middle Eocene age, diam 10 in, depth 360 ft, cased to 280. Lsd about 480 ft above msl. MP top of recorder-house floor, 3.00 ft above lsd. Highest water level 103.7 below lsd, May 6, 1958; lowest 128.2 below lsd, Aug. 12, 1963. Records available: 1957-63. Affected by nearby pumping.

Jan. 1, 1959	104.4	Dec. 27, 1959	106.0	Jan. 8, 1961	115.2	Dec. 24, 1962	120.0
Feb. 2	104.4	Jan. 3, 1960	106.8	July 27	121.4	Jan. 20, 1963	119.8
Mar. 2	105.2	Feb. 7	106.9	Aug. 6	121.8	Apr. 25	122.2
Apr. 6	106.4	Mar. 27	107.2	Sept. 22	122.8	May 1	122.8
May 3	107.3	Apr. 3	107.1	Oct. 30	120.5	June 7	126.9
June 7	108.3	May 9	108.4	Nov. 27	118.2	Aug. 12	128.2
July 4	109.1	June 6	111.0	Dec. 18	116.6	Sept. 1	128.0
Aug. 3	109.2	July 18	115.4	Feb. 5, 1962	119.7	Oct. 28	126.8
Sept. 12	109.5	Aug. 8	115.2	Sept. 29	123.6	Nov. 29	127.4
Oct. 25	108.7	Nov. 27	115.1	Oct. 13	124.0	Dec. 3	127.1
Nov. 29	107.4	Dec. 25	114.9	Nov. 22	121.1		

Sharkey County

324832N0905537.1. Local number G143. Town of Cary. $SE\frac{1}{4}SW\frac{1}{4}$ sec. 9, T. 11 N., R. 7 W. Drilled unused artesian well in Sparta Sand of middle Eocene age, diam $2\frac{1}{2}$ in, depth 747 ft, cased to 707. Lsd about 100 ft above msl. MP top of $2\frac{1}{2}$ -in tee, 3.00 ft below lsd. Highest water level 21.6 above lsd, Feb. 10, 1939; lowest 8.30 below lsd, Oct. 1, 1963. Records available: 1939-40, 1955-63.

Oct. 5, 1959	5.35	Apr. 4, 1961	2.15	Apr. 3, 1962	2.60	Apr. 2, 1963	5.20
Apr. 6, 1960	1.50	Oct. 3	4.75	Oct. 9	7.35	Oct. 1	8.30
Oct. 17	4.06						

Sunflower County

333927N0903122.1. Local number H160. E. L. Coleman. $NW\frac{1}{4}SW\frac{1}{4}$ sec. 28, T. 21 N., R. 3 W. Drilled public-supply artesian well in sand of Tallahatta Formation of middle Eocene age, diam 3 in, depth 1,180 ft, cased to 1,140. Lsd 127.5 ft above msl. MP top of 3-in tee, 0.50 ft above lsd. Highest water level 31.5 above lsd, July 27, 1940; lowest 11.6 above lsd, Oct. 3, 1963. Records available: 1940-63.

Jan. 14, 1959	+17.2	Apr. 7, 1960	+16.0	Apr. 6, 1961	+15.3	Apr. 4, 1962	+16.0
Apr. 7	16.7	July 13	16.2	July 6	14.5	Oct. 10	12.7
July 7	15.7	Oct. 19	16.4	Oct. 4	14.8	Apr. 3, 1963	12.5
Oct. 7	16.5	Jan. 10, 1961	15.7	Jan. 17, 1962	15.5	Oct. 3	11.6
Jan. 12, 1960	16.3						

Tallahatchie County

335806N0902212.1. Local number H168. Town of Sumner. $NW\frac{1}{4}NE\frac{1}{4}$ sec. 11, T. 24 N., R. 2 W. Drilled unused artesian well in sand of Wilcox Formation of early Eocene age, diam 8 to 4 in, depth 1,680 ft, screened 1,600-1,680. Lsd 153.3 ft above msl. MP top of 8-in casing, 0.50 ft above lsd. Highest water level 65.5 above lsd, May 1, 1944; lowest 36.0 above lsd, Oct. 3, 1963. Records available: 1939-63.

335806N0902212. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1959	+50.3	Jan. 12, 1960	+45.5	Jan. 10, 1961	+45.0	Apr. 4, 1962	+45.3
Apr. 6	50.2	Apr. 8	48.5	Apr. 6	48.3	Oct. 10	45.4
July 7	50.5	July 13	49.8	Oct. 4	42.7	Apr. 3, 1963	45.5
Oct. 7	39.0	Oct. 19	50.2	Jan. 17, 1962	45.5	Oct. 3	36.0

334715N0901011. 1. Local number S1. Mrs. Maude Phelan. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 11, T. 22 N., R. 1 E. Driven domestic water-table well in alluvium of Pleistocene age, diam 1 $\frac{1}{4}$ in, depth 32 ft, cased to 28. Lsd 138.77 ft above msl. MP mouth of pump, 3.75 ft above lsd. Highest water level 5.25 below lsd, May 14, 1958; lowest 19.50 below lsd, Dec. 21, 1954. Records available: 1954-63. Measurement discontinued. Affected by stage of Tallahatchie River.

Jan. 14, 1959	10.97	Apr. 8, 1960	8.48	July 6, 1961	9.96	Oct. 10, 1962	11.95
Apr. 6	8.61	Oct. 19	14.40	Oct. 4	12.40	Apr. 3, 1963	12.68
Oct. 7	14.88	Jan. 10, 1961	13.42	Jan. 17, 1962	7.48	Oct. 3	13.98
Jan. 12, 1960	11.49	Apr. 6	8.15	Apr. 4	6.15		

Tippah County

344012N0890211. 1. Local number N6. Mrs. Lee Godwin. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 5 S., R. 2 E. Drilled unused artesian well in sand of Ripley Formation of Late Cretaceous age, diam 3 in, depth 279 ft, cased to 250. Lsd about 510 ft above msl. MP top of steel casing, 0.90 ft above lsd. Highest water level 80.58 below lsd, Apr. 13, 1961; lowest 85.00 below lsd, Sept. 21, 1919. Records available: 1919, 1960-63. Measurement discontinued.

Sept. 21, 1919	85.00	July 20, 1960	81.36	Apr. 13, 1961	80.58	Mar. 20, 1962	80.75
Feb. 25, 1960	80.74	Oct. 26	81.24	Sept. 26	81.69	Apr. 10, 1963	81.82
Apr. 12	80.73	Jan. 19, 1961	80.97				

Tishomingo County

344834N0881116. 1. Local number F1. H. M. Biggs. Formerly Town of Iuka. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19, T. 3 S., R. 11 E. Drilled unused artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 8 in, depth 135 ft, cased to 105. Lsd about 545 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 40.0 below lsd, Mar. 21, 1963; lowest 56.3 below lsd, Sept. 28, 1961. Records available: 1956, 1958-63. Affected by nearby pumping.

Oct. 21, 1959	51.7	Dec. 19, 1961	44.3	July 28, 1962	42.6	May 1, 1963	45.2
Apr. 1, 1960	51.3	26	43.5	Aug. 24	42.2	June 24	49.7
Oct. 26	52.6	Jan. 8, 1962	43.6	Sept. 26	42.2	July 14	43.1
Apr. 13, 1961	49.4	Feb. 18	47.7	Oct. 20	42.0	Aug. 1	56.2
Sept. 28	56.3	Mar. 19	e50.2	Nov. 25	42.2	Sept. 24	52.0
Dec. 3	44.4	Apr. 15	e44.0	Mar. 21, 1963	40.0	Oct. 2	46.8
10	44.0	May 1	47.9	Apr. 29	44.6	Dec. 16	48.1

e Estimated.

Tunica County

344117N0902223. 1. Local number D101. Jacks & Garrott. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 4 S., R. 11 W. Drilled public-supply artesian well in sand of Wilcox Formation of early Eocene age, diam 6 to 4 in, depth 1,805 ft, screened 1,775-1,805. Lsd about 190 ft above msl. MP top of $\frac{1}{2}$ -in gate valve, 3.30 ft above lsd. Highest water level 17.6 above lsd, Mar. 31, 1954; lowest 9.1 above lsd, Oct. 3, 1963. Records available: 1954-63.

Jan. 14, 1959	+12.1	Jan. 12, 1960	+13.4	Apr. 6, 1961	+12.8	Apr. 5, 1962	+12.0
Apr. 6	12.5	Apr. 8	12.3	July 7	11.5	Oct. 10	9.6
July 7	11.8	July 13	11.8	Oct. 5	10.5	Apr. 3, 1963	10.5
Oct. 7	12.6	Jan. 11, 1961	10.3	Jan. 18, 1962	10.4	Oct. 3	9.1

343920N0902408. 1. Local number G117. Clyde J. Perry. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 5 S., R. 11 W. Drilled domestic artesian well in sand of Wilcox Formation of early Eocene age, diam 4 to 2 in, depth 1,806 ft, cased to 1,776. Lsd 192.5 ft above msl. MP top of faucet, 0.70 ft above lsd. Highest water level 32.6 above lsd, Dec. 30, 1940; lowest 1.7 above lsd, Oct. 3, 1963. Records available: 1940-63.

Jan. 14, 1959	+7.2	Apr. 8, 1960	+6.7	Apr. 6, 1961	+6.6	Apr. 5, 1962	+4.8
Apr. 6	7.9	July 13	6.7	July 7	6.2	Oct. 10	4.0
July 7	7.3	Oct. 20	5.2	Oct. 4	4.4	Apr. 3, 1963	4.8
Oct. 7	6.5	Jan. 11, 1961	5.5	Jan. 18, 1962	4.8	Oct. 3	1.7
Jan. 13, 1960	6.6						

343117N0902530.1. Local number J101. L. D. Powell. NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 6 S., R. 12 W. Drilled domestic artesian well in sand of Wilcox Formation of early Eocene age, diam 3 to 2 in, depth 1,796 ft, screened 1,766-1,796. Lsd 176 ft above msl. MP top of 3-in coupling, at lsd. Highest water level 30.3 above lsd, July 7, 1954; lowest 18.5 above lsd, Oct. 10, 1962, Oct. 3, 1963. Records available: 1954-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1959	+23.7	Apr. 8, 1960	+23.5	Apr. 6, 1961	+22.5	Apr. 5, 1962	+21.3
Apr. 6	24.3	July 13	21.0	July 7	22.5	Oct. 10	18.5
July 7	24.2	Oct. 20	21.0	Oct. 5	21.2	Apr. 3, 1963	18.8
Oct. 7	23.3	Jan. 11, 1961	21.0	Jan. 18, 1962	20.8	Oct. 3	18.5

Washington County

331808N0905329.1. Local number H101. J. A. Aldridge. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23, T. 17 N., R. 7 W. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 in, depth 1,905 ft, cased to 1,875. Lsd about 120 ft above msl. MP top of 4-in tee, 0.80 ft above lsd. Highest water level 53.5 above lsd, Dec. 20, 1954; lowest 40.8 above lsd, Oct. 2, 1963. Records available: 1954-63.

Jan. 12, 1959	+49.8	Apr. 6, 1960	+50.3	Apr. 5, 1961	+47.0	Apr. 4, 1962	+47.3
Apr. 10	48.6	July 12	49.3	July 5	50.3	Oct. 9	43.8
July 6	48.3	Oct. 18	47.6	Oct. 4	47.8	Apr. 2, 1963	44.4
Oct. 5	49.3	Jan. 10, 1961	46.8	Jan. 16, 1962	45.3	Oct. 2	40.8
Jan. 11, 1960	48.8						

331248N0905209.1. Local number L165. W. D. Atterbury. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, T. 16 N., R. 7 W. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 5 in, depth 1,950 ft, cased to 1,910, screened 1,910-1,950. Lsd 119.7 ft above msl. MP top of gate valve at Deer Creek, 10.00 ft below lsd. Highest water level 81.3 above lsd, Aug. 16, 1939; lowest 43.5 above lsd, Jan. 11, Apr. 6, 1960. Records available: 1939-63.

Jan. 12, 1959	+49.0	Jan. 11, 1960	+43.5	Jan. 9, 1961	+47.5	Oct. 9, 1962	+55.5
Apr. 10	57.5	Apr. 6	43.5	July 5	51.0	Apr. 1, 1963	54.0
July 6	57.5	July 11	46.5	Oct. 4	55.0	Oct. 1	49.5
Oct. 5	49.5	Oct. 18	55.2	Apr. 3, 1962	60.5		

330937N0904515.1. Local number Q4. J. K. Greer. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 15 N., R. 5 W. Drilled unused water-table well in alluvium of Pleistocene age, diam 15 in, depth 107 ft, screened 82-107. Lsd about 100 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 8.57 below lsd, Apr. 10, 1959; lowest 29.20 below lsd, Sept. 11, 1955. Records available: 1954-63. Measurement discontinued. Affected by nearby irrigation well.

Jan. 12, 1959	10.70	Apr. 6, 1960	13.06	July 5, 1961	c23.75	Oct. 8, 1962	16.46
Apr. 10	8.57	July 11	16.88	Oct. 3	18.83	Jan. 3, 1963	15.58
July 6	c22.77	Oct. 17	18.10	Jan. 16, 1962	15.04	Apr. 1	14.85
Oct. 8	16.90	Jan. 9, 1961	16.74	Apr. 3	12.72	July 8	c21.41
Jan. 11, 1960	15.20	Apr. 4	14.28	July 9	14.77	Oct. 1	18.32

c Nearby well being pumped.

330227N0905920.1. Local number S4. Agricultural Chemical Corp. SW $\frac{1}{4}$ SE $\frac{1}{4}$ s $\frac{1}{2}$ c. 28, T. 14 N., R. 8 W. Drilled unused water-table well in alluvium of Pleistocene age, diam 12 in, depth 105 ft, screened 80-105. Lsd about 110 ft above msl. MP top of recorder-house floor, 1.95 ft above lsd. Highest water level 5.8 below lsd, May 13, 1958; lowest 19.45 below lsd, Aug. 21, 1954. Records available: 1954-63.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.8	10.5	8.7	9.1	9.5	12.7	13.4	14.9	16.5	14.5	14.4	14.2
10	10.8	9.7	8.5	9.5	10.5	12.6	13.5	15.7	16.1	14.6	14.0	14.2
15	10.6	8.5	8.2	9.6	10.9	12.6	15.3	15.5	15.7	14.3	14.0	14.2
20	10.2	8.3	8.6	8.3	12.1	13.3	15.3	15.5	15.2	14.3	14.1	14.1
25	10.4	8.5	8.6	8.2	12.5	13.0	15.4	15.8	14.9	14.3	14.1	12.7
Eom	10.6	8.6	8.9	8.4	12.7	13.1	14.2	16.6	14.6	14.5	14.2	12.8
1960												
5	12.9	10.7	9.8	10.3	11.2	12.5	13.2	15.1	13.2	14.6	14.8	13.8
10	12.0	10.6	9.7	10.6	10.8	12.3	14.0	15.1	13.9	14.5	14.9	12.9
15	11.9	11.0	9.4	10.8	10.8	12.6	14.1	14.3	14.2	14.2	14.4	12.5
20	11.8	10.8	9.5	11.0	11.0	13.0	15.7	14.3	14.5	14.5	14.4	12.7
25	11.8	10.4	9.7	11.0	11.6	13.1	16.0	13.8	14.8	14.6	13.6	13.0
Eom	11.2	10.3	10.1	11.0	12.3	14.7	14.9	13.5	14.7	14.6	13.6	11.9

330227N0905920.1--Continued.

353227-000

Wilkinson County

310413N0910421.1. Local number T101. J. P. Kennedy. Old Camp Van Dorn. Sec. 17, T. 1 N., R. 1 E. Drilled unused artesian well in sand of Pascagoula Formation of late Miocene age, diam 16 in, depth 222 ft, screened 162-222. Lsd 353.5 ft above msl. MP top of hole in plate, 1.20 ft above lsd. Highest water level 43.0 below lsd, May 5, 1942; lowest 52.22 below lsd, Dec. 10, 1954. Records available: 1942, 1954-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 10, 1959	48.18	Apr. 26, 1961	47.55	May 8, 1962	47.47	Apr. 24, 1963	49.20
May 11, 1960	47.78	Oct. 12	48.07	Nov. 16	48.47	Oct. 24	50.36
Nov. 8	48.68						

310413N0910421.2. Local number T102. J. P. Kennedy. Old Camp Van Dorn. Sec. 17, T. 1 N., R. 1 E. Drilled unused artesian well in middle sand of Pascagoula Formation of late Miocene age, diam 12 in, depth 417 ft, screened 355-415. Lsd 356.4 ft above msl. MP top of hole in cover plate, 1.48 ft above lsd. Highest water level 128.4 below lsd, May 5, 1942; lowest 149.79 below lsd, Oct. 24, 1963. Records available: 1942, 1954-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 10, 1959	145.27	Apr. 26, 1961	146.16	May 8, 1962	146.81	Apr. 24, 1963	148.18
May 11, 1960	145.17	Oct. 12	146.58	Nov. 16	147.46	Oct. 24	149.79
Nov. 8	146.54						

310413N0910421.3. Local number T103. J. P. Kennedy. Old Camp Van Dorn. Sec. 17, T. 1 N., R. 1 E. Drilled unused artesian well in upper part of Catahoula Sandstone of Miocene (?) age, diam 12 in, depth 1,699 ft, screened 1,625-1,685. Lsd 356.4 ft above msl. MP top of hole in cover plate, 1.40 ft above lsd. Highest water level 238.1 below lsd, May 13, 1942; lowest 258.30 below lsd, Oct. 24, 1963. Records available: 1942, 1954-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 10, 1959	254.45	Apr. 26, 1961	255.15	May 8, 1962	255.75	Apr. 24, 1963	257.24
May 11, 1960	254.44	Oct. 12	255.85	Nov. 16	256.87	Oct. 24	258.30
Nov. 8	255.38						

Yazoo County

325905N0901922.2. Local number B102. Town of Eden. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 13 N., R. 1 W. Drilled unused artesian well in Sparta Sand of middle Eocene age, diam 2 in, depth 800 ft, cased to 770. Lsd 112.3 ft above msl. MP bottom edge of hole in north side of casing, 5.30 ft above lsd. Highest water level 39.7 above lsd, 1919; lowest 6.84 below lsd, Oct. 1, 1963. Records available: 1919, 1939, 1943-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12, 1959	0.60	Apr. 6, 1960	1.60	July 5, 1961	1.98	Oct. 8, 1962	4.20
Apr. 10	.43	July 11	2.99	Oct. 3	3.34	Jan. 3, 1963	4.17
June 24	.83	Aug. 26	3.64	Jan. 9, 1962	2.68	Apr. 1	4.56
July 6	.69	Oct. 17	3.49	Apr. 3	2.94	July 8	5.58
Oct. 8	1.60	Jan. 9, 1961	1.73	July 9	3.70	Oct. 1	6.84
Jan. 11, 1960	1.59	Apr. 4	.50				

325905N0901922.1. Local number B103. Town of Eden. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 13 N., R. 1 W. Drilled public-supply artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 to 2 $\frac{1}{2}$ in, depth 1,735 ft, screened 1,659-1,669, 1,689-1,699, 1,705-1,715. Lsd about 112 ft above msl. MP top of 4-in cap, 0.50 ft above lsd. Highest water level 143.2 above lsd, January 1954; lowest 120.0 above lsd, Oct. 8, 1962. Records available: 1954-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12, 1959	+127.5	Apr. 6, 1960	+127.5	Jan. 9, 1962	+125.5	Jan. 3 1963	+122.9
Apr. 10	128.2	July 11	125.0	Apr. 3	123.5	Apr. 1	123.5
July 6	128.5	Oct. 17	124.5	July 9	122.5	July 8	123.0
Oct. 8	127.0	Jan. 9, 1961	126.0	Oct. 8	120.0	Oct. 1	122.5
Jan. 11, 1960	127.0	Apr. 4	124.7				

325016N0902516.1. Local number G126. Yazoo City. SW $\frac{1}{4}$ NE $\frac{1}{4}$ (previously reported SE $\frac{1}{4}$ NE $\frac{1}{4}$) sec. 32, T. 12 N., R. 2 W. Drilled unused artesian well in Sparta Sand of middle Eocene age, diam 6 in, depth 801 ft, cased to 761. Lsd about 96 ft above msl. MP top of recorder-house floor, 4.00 ft above lsd (since Dec. 19, 1961). Highest water level 31.1 above lsd, Jan. 17, 1939; lowest 18.2 below lsd, July 14, 1962. Records available: 1939, 1955-63. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	4.0	...	...	...	...	9.0	8.1	...
10	e3.8	4.1	...	6.3	e6.8	...	7.2	8.1	...
15	4.6	...	...	3.7	4.2	...	6.0	...	...	6.8	6.4	...
20	2.7	4.3	...	6.1	...	...	6.7	6.4	...
25	e4.5	3.6	3.6	...	6.4	...	...	7.5	6.3	...
Eom	e3.1	3.6	4.0	...	6.7	...	...	9.0	...	...

1960

5	...	5.2	...	...	5.9	...	8.6	...	...	...	7.7	5.5
10	...	4.9	...	5.9	6.1	8.8	...	10.5	...	...	7.6	...
15	6.0	6.4	...	6.3	6.0	8.9	10.9	9.8	...	...	6.4	...
20	6.2	5.7	...	6.2	6.5	10.0	11.1	10.0	...	7.4	5.8	...
25	5.6	5.4	...	6.0	...	...	10.8	9.8	...	7.1	5.7	...
Eom	5.0	5.4	...	6.1	7.9	...	10.4	...	...	7.4	5.8	...

1961

5	...	4.0	...	3.0	...	...	5.8	...	...	8.5	...	...
10	4.4	4.5	...	2.6	...	...	5.8	...	...	...	...	...
15	3.6	4.5	...	3.0	...	...	...	...	...	...	...	...
20	4.0	3.9	...	3.1	e4.2	...	...	...	...	...	...	...
25	4.3	4.1	...	3.6	e5.0	...	...	...	...	...	...	...
Eom	4.4	3.8	...	3.9	e6.2	...	...	...	...	...	...	...

1962

5	...	7.4	...	6.3	6.9	...	...	...	...	...	...	...
10	9.2	7.4	...	6.6	8.3	...	10.6	...	...	...	...	...
15	8.5	7.2	...	6.3	8.7	...	11.8	...	...	...	...	...
20	7.4	6.9	...	6.8	8.3	...	...	...	...	...	...	...
25	7.3	...	...	6.2	...	...	...	...	...	...	...	...
Eom	7.3	...	...	6.8	...	...	...	...	...	...	...	...

1963

5	8.9	...	9.9	10.5	10.5	11.4	12.1	12.2	14.2	14.2	12.3	10.4
10	8.7	9.5	8.8	9.9	10.6	11.9	...	13.2	13.9	14.2	11.8	10.1
15	...	10.1	9.7	10.7	10.8	...	11.8	12.4	12.8	13.7	11.1	10.5
20	9.0	9.9	9.6	10.8	10.6	...	12.1	13.0	13.2	13.5	10.6	9.9
25	...	10.0	...	10.3	11.6	...	11.7	13.6	13.4	13.4	10.2	10.3
Eom	...	10.0	9.9	10.5	11.2	...	12.3	14.4	12.8	12.1	10.4	11.1

e Estimated.

324936N0904230.1. Local number J128. Holly Bluff Consolidated School. NE $\frac{1}{4}$ SE $\frac{1}{4}$ (previously reported SE $\frac{1}{4}$ SE $\frac{1}{4}$) sec. 4, T. 11 N., R. 5 W. Drilled school-supply artesian well in Sparta Sand of middle Eocene age, diam 4 in, depth 980 ft, cased to 940. Lsd about 103 ft above msl. MP top of 4-in tee, 3.00 ft above lsd. Highest water level 38.7 above lsd, Aug. 17, 1939; lowest 2.3 above lsd, Oct. 1, 1963. Records available: 1939, 1954-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12, 1959	+9.8	Jan. 11, 1960	+8.3	Apr. 4, 1961	+7.9	Oct. 8, 1962	+4.6
Apr. 10	9.7	Apr. 6	7.3	Oct. 3	6.2	Apr. 1, 1963	3.5
July 6	8.9	Oct. 17	6.5	Apr. 3, 1962	6.3	Oct. 1	2.3
Oct. 5	8.4	Mar. 23, 1961	7.2				

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NORTH CAROLINA

By J. K. Hunsucker

The observation-well program in North Carolina, begun in 1941, was continued during the period 1959 through 1963 in cooperation with the North Carolina Department of Water Resources. Figure 8 shows the location of observation wells included in this report.

Well-Numbering System

The wells are numbered by counties, although the numbers are not related to any system of location within the counties.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Beaufort County

353206N0763711.1. Local number 1. Town of Belhaven. Drilled public-supply artesian well in Castle Hayne Limestone of Middle and Late Eocene age, diam $1\frac{3}{4}$ in, depth 200 ft, cased to 200. Lsd 3.22 ft above msl. MP top and end of flow pipe, 0.45 ft above lsd. Highest water level 1.60 above lsd, Nov. 27, 1957, Jan. 29, 1958; lowest 0.79 above lsd, June 27, 1958. Records available: 1957-61, 1963. No measurement made in 1962.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 27, 1957	+1.60	Sept. 24, 1958	+0.89	Sept. 2, 1959	+1.11	Mar. 2, 1961	+1.15
Jan. 1, 1958	1.14	Oct. 29	.80	Oct. 31	.99	Apr. 21	1.07
29	1.60	Nov. 24	1.10	Nov. 25	.98	May 1 ⁶	1.14
Feb. 25	1.03	Dec. 31	1.17	Jan. 28, 1960	1.11	June 14	1.03
Mar. 28	1.33	Jan. 29, 1959	1.09	Feb. 24	1.27	Aug. 15	1.11
Apr. 23	1.06	Mar. 2	1.22	July 22	.85	Nov. 1 ⁶	.92
May 30	.91	Apr. 3	1.31	Aug. 30	.95	Feb. 18, 1963	1.12
June 27	.79	May 26	1.13	Sept. 29	1.15	Mar. 2 ⁹	1.08
July 30	1.01	July 8	1.05	Oct. 28	1.00	Dec. 11	1.41
Aug. 28	1.09	30	1.04	Dec. 30	1.00		

353314N0770410.1. Local number 11. City of Washington. Drilled unused artesian well in sand, diam 8 in, depth 129 ft, cased to 129, gravel-walled. Lsd 9.42 ft above msl. MP top of casing, at lsd. Highest water level 5.75 below lsd, Feb. 19, 1963; lowest 10.83 below lsd, Aug. 27, 1948. Records available: 1948-61, 1963. No measurement made in 1962.

Jan. 29, 1959	7.52	Sept. 25, 1959	6.53	Aug. 31, 1960	6.42	June 14, 1961	7.05
Mar. 2	6.79	Oct. 31	6.13	Sept. 29	5.85	Aug. 15	6.64
Apr. 3	6.38	Nov. 25	6.43	Oct. 28	6.40	Nov. 1 ⁶	6.81
29	5.96	Jan. 28, 1960	6.26	Dec. 28	6.84	Feb. 19, 1963	5.75
May 26	6.47	Feb. 24	5.82	Mar. 2, 1961	5.82	Mar. 2 ⁹	6.22
July 8	6.60	June 6	6.09	Apr. 21	6.00	Apr. 1 ⁶	6.40
30	6.01	July 22	6.75	May 18	6.73	Dec. 11	7.77
Sept. 2	6.60						

Bertie County

360812N0765145.1. Local number 1. C. F. White. White's Crossroads. Drilled unused artesian well in sand of Peedee Formation of Late Cretaceous age, diam 4 in, depth 398 ft, cased to 398. Lsd 66.4 ft above msl. MP top of 2-in casing, at lsd. Highest water level 14.61 below lsd, Apr. 29, 1959; lowest 20.46 below lsd, June 6, 1957. Records available: 1957-63.

360812N0765145.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1959	15.20	Oct. 31, 1959	16.17	Dec. 22, 1960	15.99	Feb. 7, 1963	16.04
Feb. 3	14.93	Nov. 24	15.57	Mar. 1, 1961	15.19	Mar. 6	15.48
Apr. 2	14.83	Jan. 27, 1960	15.05	Apr. 18	15.02	Apr. 15	15.50
29	14.61	Feb. 25	14.80	May 17	14.85	May 21	16.06
May 25	15.34	June 7	15.27	June 13	15.57	June 24	16.34
July 7	16.79	July 21	16.05	Aug. 17	15.85	Aug. 18	17.86
29	16.66	Aug. 30	16.05	Dec. 1	17.40	Oct. 2	18.36
Sept. 1	16.35	Sept. 28	15.70	Nov. 23, 1962	17.55	Nov. 27	18.49
24	16.38	Oct. 27	15.72	Jan. 7, 1963	16.76		

355930N0765700.1. Local number 2. Town of Windsor. East edge (previously reported south edge) of town. Drilled unused artesian well in sand of Black Creek Formation of Late Cretaceous age, diam 8 in, depth 350 ft, cased to 350, gravel-walled. Lsd 28.38 ft above msl. MP top of casing, at lsd. Highest water level 16.22 below lsd, Aug. 14, 1958; lowest 25.65 below lsd, May 21, 1963. Records available: 1955-63.

Average water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e17.19	17.17	17.19	17.55	17.91	.....	.....	18.81	19.43	.....	.....	.....
10	.....	17.13	17.22	17.60	17.91	.....	.....	18.75	19.31	.....	.....	.....
15	.....	17.21	17.37	17.58	.....	.....	18.47	18.73	19.27	.....	.....	.....
20	.....	17.27	17.40	17.62	.....	.....	18.57	e18.59	.....	.....	.....	.....
25	.....	17.29	17.41	e17.65	.....	.....	18.52	18.38	.....	.....	.....	.....
Eom	17.45	17.27	17.45	e17.80	.....	.....	18.63	18.42	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1960	17.46	Oct. 27, 1960	17.70	Aug. 17, 1961	18.33	Apr. 15, 1963	24.61
Feb. 24	17.41	Dec. 22	18.06	Dec. 1	18.53	May 21	25.65
June 7	17.15	Mar. 1, 1961	17.73	Nov. 23, 1962	19.11	June 24	22.42
July 21	17.62	Apr. 18	17.93	Jan. 7, 1963	22.40	Aug. 18	24.19
Aug. 30	17.73	May 17	17.06	Feb. 7	23.21	Oct. 2	24.48
Sept. 28	17.87	June 13	18.03	Mar. 6	23.75	Nov. 27	24.71

Cherokee County

350512N0840204.1. Local number 1. First Baptist Church. Murphy. Drilled unused water-table well in weathered mica schist, diam 4 ft, depth 51 ft, cribbed with brick. Lsd 1,603.89 ft above msl. MP top of wood platform, 6.53 ft above lsd. Highest water level 37.79 below lsd, Apr. 13, 1950; lowest 43.45 below lsd, Jan. 13-14, 1954. Records available: 1943-61. Measurement discontinued.

Mar. 13, 1959	41.50	Aug. 29, 1959	41.39	Sept. 30, 1960	42.12	Apr. 15, 1961	41.40
21	41.30	Sept. 5	41.35	Oct. 6	42.11	22	40.05
31	41.40	12	41.38	13	42.13	29	40.04
Apr. 13	41.12	21	41.37	22	42.10	May 13	40.04
22	41.50	26	42.35	28	42.10	20	40.43
29	41.30	Oct. 5	42.39	Nov. 4	42.04	27	40.06
May 6	41.50	10	42.38	10	42.10	June 3	40.05
14	41.40	17	42.41	18	42.10	10	40.04
21	41.50	24	42.38	25	42.05	17	40.08
27	41.40	31	42.50	Dec. 3	42.10	24	40.04
June 3	41.50	Nov. 9	42.40	8	42.08	July 1	40.06
11	41.40	14	42.43	16	42.05	8	40.05
19	41.20	21	42.40	24	42.04	15	40.06
25	41.40	28	42.08	31	42.02	22	40.04
July 2	40.37	Dec. 10	42.84	Jan. 7, 1961	42.06	Aug. 1	40.05
9	40.39	18	42.84	14	42.07	5	40.09
17	40.39	26	42.83	28	42.07	19	40.04
23	40.38	Jan. 9, 1960	42.72	Feb. 7	42.52	26	40.01
Aug. 1	40.41	23	42.38	14	42.07	Sept. 2	40.05
8	40.36	30	42.40	18	42.63	9	40.02
14	41.45	Feb. 6	42.41	25	41.60	Oct. 27	43.13
22	40.40	Sept. 23	42.10				

Chowan County

360110N0763310.1. Local number 1. Edenton Air Base. Southeast of Edenton. Drilled unused water-table well in sand of Yorktown Formation of late Miocene age, diam 8 in, depth 40 ft, cased to 40. Lsd 10.47 ft (previously reported 10.51 ft) above msl. MP top of recorder shelf, 1.79 ft above lsd (since 1961). Highest water level 2.51 below lsd, Mar. 29, 1962; lowest 22.4 below lsd, June 22, 1955. Records available: 1955-63. Nov. 9, 1961, 5.90; Dec. 18, 5.26.

Mean water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	4.87	....	5.16	....	....	....	5.22	5.22	5.20
10	4.85	....	5.19	....	....	....	5.23	5.24	....
15	4.80	....	5.21	....	....	....	5.22	5.21	....
20	4.72	....	5.24	....	....	....	5.23	5.22	....
25	5.26	....	....	5.07	5.15	5.17	....
Eom	5.16	....	5.05	....	5.18	5.20	5.25	....

1960

5	....	3.90	2.90	3.50	....	....	5.55	5.59	5.10	5.47	5.82	6.20
10	....	3.45	3.05	3.35	....	5.20	5.68	5.58	5.25	5.49	5.92	6.19
15	....	3.60	3.35	3.84	....	5.16	5.70	5.50	5.10	5.51	6.00	6.15
20	....	....	3.28	4.05	....	5.40	5.71	5.12	....	5.55	6.05	....
25	....	3.15	2.66	3.96	....	5.52	5.85	5.05	....	5.62	6.01	....
Eom	4.60	....	3.14	4.40	....	5.67	5.65	5.05	5.21	....	5.97	....

1962

5	....	....	....	....	....	....	4.24	....	....	....	....	....
10	....	....	....	....	....	....	4.34	....	....	6.11	....	....
15	....	....	....	....	....	....	4.58	....	....	....	....	6.26
20	....	....	....	....	....	....	4.98	....	....	....	....	6.34
25	....	....	....	....	....	....	....	....	....	....	....	6.36
Eom	....	....	....	....	....	5.04	....	....	....	....	....	6.02

1963

5	6.04	4.61	....	3.39	4.71	3.70	....	....	....	....	....	....
10	5.96	4.36	3.51	3.34	4.82	3.69	....	....	....	....	....	....
15	6.06	4.16	3.44	3.87	....	4.32	....	....	....	....	....	....
20	5.18	....	2.56	3.96	5.21	....	....	....	....	....	....	....
25	5.22	....	3.29	4.49	4.97	....	....	6.38	....	....	....	....
Eom	4.63	....	....	4.42	4.79	....	....	6.50	....	....	....	....

361427N0763930.1. Local number 2. Chowan County High School. North of Edenton. Drilled unused artesian well in sand of Paleocene age, diam 8 in, depth 320 ft, cased to 320. Lsd 25.63 ft above msl. MP base of recorder shelter, 0.70 ft above lsd (since Aug. 29, 1962). Highest water level 7.91 below lsd, Mar. 13, 1957; lowest 10.05 below lsd, Dec. 24, 1962. Records available: 1955-63.

Mean water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	8.42	8.48	8.36	....	....	....	....	....	8.78	8.90	8.20
10	8.57	8.46	8.37	8.35	....	....	....	....	8.72	8.70	....	8.28
15	8.46	8.47	8.38	8.27	....	....	....	....	8.72	8.64	8.73	8.24
20	8.65	8.62	8.43	....	....	....	....	....	8.91	8.70	....	8.20
25	....	8.58	8.42	....	....	....	....	....	8.88	8.48	8.60	8.25
Eom	8.65	....	....	....	....	....	8.54	....	8.83	....	8.73	....

1960

5	....	8.41	8.11	7.95	8.13	8.03	....	....	....	....	8.61	....
10	....	8.39	8.13	....	8.03	....	8.26	....	....	....	8.63	8.67
15	....	....	....	8.11	8.06	8.16	....	....	....	....	8.66	8.53
20	....	8.43	8.05	8.18	8.16	8.25	8.24	....	....	....	....	....
25	....	....	....	8.06	8.13	8.21	....	....	....	....	....	....
Eom	8.53	8.24	....	8.06	8.05	....	....	....	....	8.56	8.59	....

1961

5	8.67	8.18	8.42	....	8.31	8.30	8.27	....	....	....	....	....
10	8.76	8.00	....	8.13	8.19	....	....	....	....	....	....	....
15	8.05	8.12	....	8.12	8.16	8.31	....	....	....	....	....	....
20	8.06	....	8.41	8.32	....	8.33	....	....	....	....	....	....
25	....	....	8.27	8.19	8.18	8.29	....	....	....	....	....	....
Eom	8.15	....	....	8.27	....	8.24	....	....	....	....	....	....

1962

5	....	....	....	....	....	....	8.75	9.35	....	....	9.60	9.60
10	....	....	....	....	....	....	8.92	9.38	....	....	9.25	9.75
15	....	....	....	....	....	8.80	9.00	9.57	....	....	9.55	9.90
20	....	....	....	....	....	....	9.10	9.60	....	....	9.60	10.00
25	....	....	....	....	....	8.98	9.20	9.78	....	....	9.64	9.95
Eom	....	....	....	....	....	8.80	9.25	8.54	....	....	9.53	9.82

361427N0763930.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.91	....	....	9.30	9.36	....	....	....	9.55	....	....	....
10	9.73	....	9.45	9.24	9.42	....	....	....	9.69	....	....	....
15	9.93	....	9.63	9.35	9.38	....	....	....	....	....	....	....
20	9.30	....	9.05	9.34	9.38	....	....	9.78	....	....	....	....
25	....	....	9.30	9.38	....	....	....	9.73	....	....	....	....
Eom	....	....	9.30	9.34	....	....	....	9.80	....	....	....	....

Craven County

352016N0770826.1. Local number 1. Grover C. Lancaster, Jr. North of Vanceboro.

Drilled irrigation artesian well in Castle Hayne marl of middle and late Eocene age, diam 8 in, depth 138 ft, cased to 138. Lsd 37.45 ft above msl. MP top of casing, 1.05 ft above lsd. Highest water level 6.06 below lsd, Mar. 3, 1959; lowest 11.95 below lsd, July 24, 1963. Records available: 1958-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1958	6.08	Jan. 29, 1959	7.25	Feb. 24, 1960	6.14	Aug. 15, 1961	9.20
Mar. 11	6.23	Mar. 3	6.06	June 6	8.15	Nov. 16	10.41
31	6.27	Apr. 3	6.29	July 21	10.22	Dec. 13, 1962	8.97
Apr. 23	7.03	May 26	8.61	Aug. 31	8.43	Jan. 9, 1963	8.18
May 30	8.21	July 7	11.13	Sept. 29	6.64	Apr. 17	7.59
June 27	10.73	30	7.79	Oct. 28	7.78	May 14	11.05
July 30	9.16	Sept. 2	9.05	Dec. 28	7.65	July 24	11.95
Aug. 28	9.99	25	10.06	Mar. 2, 1961	6.95	Aug. 22	8.45
Sept. 25	10.71	Nov. 25	7.79	Apr. 21	6.82	Oct. 28	10.21
Oct. 30	7.43	Jan. 28, 1960	6.75	May 18	6.64	Nov. 22	8.45
Dec. 31	6.33						

Davie County

355339N0803326.1. Local number 1. Kurfee. Mocksville. Dug unused water-table well in weathered granite, diam 36 in, depth 32 ft, lined with rock. Lsd 800.62 ft above msl. MP top of wooden platform, 3.60 ft above lsd. Highest water level 14.58 below lsd, Apr. 5, 1960; lowest 28.66 below lsd, Feb. 15, 1942. Records available: 1932-63.

Jan. 6, 1959	20.34	Sept. 15, 1959	19.44	May 17, 1960	16.54	Jan. 24, 1961	21.62
13	20.08	22	19.64	24	16.73	31	21.68
20	19.94	30	18.08	31	16.94	Feb. 8	20.85
31	19.65	Oct. 6	19.39	June 7	17.10	14	21.32
Feb. 10	19.30	13	19.34	14	17.28	21	20.44
17	18.72	20	18.51	21	17.53	28	20.11
28	18.65	31	18.61	July 13	18.10	Mar. 8	19.26
Mar. 3	18.71	Nov. 3	18.66	19	18.31	14	19.58
10	18.02	10	18.82	26	18.55	21	17.64
17	18.20	17	18.96	31	18.62	31	18.08
31	18.40	24	18.85	Aug. 9	18.90	Apr. 4	18.47
Apr. 7	18.47	30	19.31	16	19.10	11	17.73
14	18.30	Dec. 8	19.41	23	19.39	18	17.61
21	17.88	15	19.53	31	19.60	25	17.63
30	17.36	22	19.06	Sept. 6	19.77	30	17.80
May 5	17.54	31	18.92	20	20.07	May 9	17.91
12	17.74	Jan. 5, 1960	18.88	30	20.30	16	17.98
19	17.95	12	18.48	Oct. 4	20.39	23	18.16
26	18.19	19	18.42	11	20.33	31	18.41
June 1	18.33	26	18.58	18	20.48	June 7	18.54
9	18.53	Feb. 1	17.06	25	20.61	13	18.80
16	18.70	9	16.73	31	20.70	22	18.05
23	18.97	23	15.97	Nov. 8	20.89	30	18.59
30	19.22	29	16.24	15	20.95	July 5	18.69
July 7	19.52	Mar. 8	16.47	22	21.06	11	18.48
21	19.80	22	15.59	30	21.15	18	18.57
31	20.20	31	15.38	Dec. 6	21.24	26	18.86
Aug. 4	20.26	Apr. 5	14.58	13	21.34	31	19.08
12	20.32	12	15.35	20	21.44	Aug. 8	19.29
18	20.42	19	15.80	31	21.52	15	19.55
25	20.58	30	16.17	Jan. 3, 1961	21.56	22	19.74
31	20.72	May 3	16.28	10	21.64	31	19.55
Sept. 8	19.38	10	16.29	17	21.66	Sept. 6	19.75

355339N0803326.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 12, 1961	19.97	Mar. 31, 1962	16.33	Oct. 31, 1962	20.19	May 31, 1963	18.03
19	20.18	Apr. 10	16.30	Nov. 6	20.37	June 4	18.08
30	20.48	17	16.22	13	19.57	11	18.30
Oct. 3	20.55	24	16.42	20	19.36	18	18.57
10	20.83	30	16.62	30	19.08	25	18.77
17	21.76	May 8	16.89	Dec. 4	18.36	30	18.89
24	21.21	15	17.18	11	18.73	July 9	19.15
31	21.41	22	17.43	18	18.80	16	19.40
Nov. 8	21.70	31	17.41	27	18.76	Aug. 5	19.95
14	21.71	June 5	17.31	Jan. 8, 1963	18.38	13	20.15
21	21.86	12	16.62	15	18.46	20	20.40
30	22.03	19	16.79	23	17.86	31	20.73
Dec. 5	22.09	30	17.12	31	17.85	Sept. 3	20.73
12	19.23	July 10	17.36	Feb. 5	17.82	11	21.04
19	20.57	17	17.50	12	17.15	18	21.23
27	20.41	31	17.69	19	17.37	26	21.44
Jan. 2, 1962	20.07	Aug. 7	17.95	28	17.65	30	21.39
8	19.08	14	18.20	Mar. 5	16.90	Oct. 16	21.85
16	19.02	21	18.40	12	15.14	22	22.71
23	18.92	31	18.80	19	15.53	31	22.25
31	17.92	Sept. 4	18.95	31	16.18	Nov. 6	22.35
Feb. 6	17.81	11	19.16	Apr. 9	16.36	12	22.51
13	17.90	18	19.02	16	16.67	19	22.68
20	17.90	26	19.43	23	16.80	30	22.49
28	16.34	30	19.54	30	16.99	Dec. 4	22.73
Mar. 6	16.57	Oct. 9	19.64	May 7	17.30	10	22.80
13	16.47	16	19.88	14	17.54	17	22.90
20	16.59	23	20.01	21	17.78	31	23.03

Edgecombe County

355818N0772645.1. Local number 23. John Lane. Speed. Drilled domestic artesian well in sand of Tuscaloosa Formation of Late Cretaceous age, diam 4 in, depth 100 ft, cased to 100. Lsd 54.51 ft above msl. MP top of casing, 0.70 ft above lsd (since 1960). Highest water level 0.17 below lsd, Sept. 27, 1955; lowest 12.18 below lsd, June 11, 1953. Records available: 1946-63.

Jan. 27, 1959	4.53	Sept. 24, 1959	10.19	Aug. 30, 1960	5.67	June 15, 1961	5.46
Mar. 2	5.00	Oct. 30	6.87	Sept. 28	2.37	Aug. 17	6.21
Apr. 2	5.43	Nov. 24	1.50	Oct. 27	3.25	Dec. 1	4.36
29	6.25	Jan. 27, 1960	5.47	Dec. 22	5.86	Dec. 13, 1962	4.20
May 25	6.44	Feb. 25	2.35	Mar. 1, 1961	5.49	Feb. 18, 1963	2.22
July 7	9.95	June 7	6.21	Apr. 18	2.71	Apr. 16	3.90
29	7.22	July 21	3.01	May 17	4.90	Dec. 11	4.22
Sept. 1	7.38						

Hertford County

362718N0770505.1. Local number 2. Murfreesboro. North of Murfreesboro. Drilled domestic artesian well in sand of Beaufort Formation of Paleocene age, diam 2 in, depth 114 ft, cased to 114. Lsd 9.32 ft above msl. MP top edge of elbow pipe, 2.50 ft above lsd. Highest water level 5.93 above lsd, Feb. 7, 1963; lowest 2.25 above lsd, Nov. 27, 1963. Records available: 1958-63.

Feb. 24, 1958	+4.69	Mar. 2, 1959	+4.20	July 21, 1960	+3.66	Nov. 23, 1962	+3.10
Mar. 27	4.73	Apr. 2	3.90	Aug. 30	3.01	Jan. 7, 1963	3.30
Apr. 22	4.70	29	4.25	Sept. 28	3.47	Feb. 7	5.93
May 29	4.38	May 25	3.87	Oct. 27	3.75	18	4.31
June 26	4.34	July 7	3.88	Dec. 21	3.67	Mar. 6	5.50
July 29	4.20	29	4.11	Mar. 1, 1961	3.61	Apr. 15	5.60
Aug. 27	4.22	Sept. 1	3.72	Apr. 18	2.93	May 21	5.39
Sept. 23	4.08	24	3.71	May 17	3.47	June 24	2.30
Oct. 28	4.19	Oct. 30	3.50	June 15	3.24	Aug. 18	2.40
Nov. 24	4.18	Nov. 24	3.70	Aug. 17	3.11	Oct. 2	2.45
Dec. 30	4.35	Jan. 27, 1960	3.82	Dec. 1	3.19	Nov. 27	2.25
Jan. 27, 1959	4.34	June 7	3.70				

361642N0765630.1. Local number 6. Willard Early. East of Ahoskie. Drilled unused artesian well in sand of Peedee Formation of Late Cretaceous age, diam 4 to 2 in, depth 171 ft, cased to 171. Lsd 42.75 ft above msl. MP top of $\frac{1}{2}$ -in nipple set in 4-in casing, 0.2' ft above lsd (since 1961). Highest water level 19.51 below lsd, Mar. 13, 1957; lowest 27.16 below lsd, Aug. 18, 1963. Records available: 1955-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1959	20.78	Oct. 31, 1959	22.30	Mar. 1, 1961	21.29	Feb. 18, 1963	23.45
Mar. 2	20.45	Nov. 24	21.47	Apr. 18	21.43	Mar. 6	22.89
Apr. 2	20.43	Jan. 27, 1960	21.83	June 15	23.17	Apr. 15	23.16
29	20.79	Feb. 25	20.61	Aug. 17	25.70	May 21	24.18
May 25	21.15	June 7	21.66	Dec. 1	25.74	June 24	25.09
July 7	22.06	July 21	25.36	Nov. 23, 1962	25.33	Aug. 18	27.16
29	22.10	Aug. 30	24.83	Jan. 7, 1963	23.82	Oct. 2	26.69
Sept. 1	22.54	Oct. 27	23.30	Feb. 7	23.25	Nov. 27	25.64
24	22.56	Dec. 22	21.83				

Jones County

345350N0771350.1. Local number 1. George E. Weeks. Maysville. Dug unused water-table well in terrace sands, diam 36 in, depth 9 ft, cribbed with wood. Lsd 35.6 ft above msl. MP top of wooden platform, 2.70 ft above lsd. Highest water level 0.4 below lsd, Jan. 27, 1954, Sept. 14, 1955; lowest dry at 9.3 below lsd, Oct. 27-Dec. 1, 1954, June 8, 1955. Records available: 1941-61. Measurement discontinued.

Jan. 7, 1959	2.0	June 27, 1959	8.5	Jan. 5, 1960	1.9	Aug. 8, 1960	2.9
12	2.7	July 11	3.4	16	2.1	16	5.8
24	3.6	21	1.6	27	2.8	23	6.7
Feb. 7	1.7	27	2.6	Feb. 4	1.8	30	7.6
12	2.2	Aug. 3	4.2	15	1.4	Sept. 12	2.1
19	1.7	12	6.7	24	1.7	19	5.2
Mar. 2	1.1	17	7.2	29	1.9	Oct. 1	7.0
7	1.2	25	7.6	Mar. 12	1.7	11	7.9
16	1.7	31	7.7	23	2.4	18	7.8
26	3.2	Sept. 8	6.4	31	3.2	25	8.0
Apr. 1	2.6	21	7.7	Apr. 6	2.5	Nov. 14	8.7
5	3.2	28	8.2	11	2.4	22	8.7
9	2.0	Oct. 6	7.5	27	5.2	Dec. 6	9.0
18	2.4	17	2.2	May 2	4.8	14	8.9
24	3.4	23	3.7	10	6.1	Jan. 7, 1961	4.4
May 2	4.9	28	4.8	17	6.4	11	5.5
8	6.1	Nov. 3	5.8	26	7.7	17	6.6
13	6.7	12	3.0	June 2	6.5	Feb. 2	5.8
21	7.2	18	4.0	7	6.6	10	2.1
27	7.7	27	4.0	24	3.1	18	3.0
June 4	7.4	Dec. 3	2.6	28	4.7	27	1.8
12	8.1	14	1.8	July 11	4.4	Mar. 17	5.0
20	8.6	28	1.9	30	.9		

Lenoir County

352212N0772742.1. Local number 1. Josh Worthington. Formerly Dave Worthington. Near Grifton. Drilled unused artesian well in sand of Peedee Formation of Late Cretaceous age, diam 4 in, depth 104 ft, cased to 104. Lsd 38.97 ft (previously reported 37.92 ft) above msl. MP top of casing, 1.05 ft above lsd. Highest water level 9.58 below lsd, Feb. 24, 1960; lowest 14.86 below lsd, Nov. 13, 1954. Records available: 1954-55, 1957-61. Measurement discontinued.

Jan. 29, 1959	12.17	Sept. 2, 1959	12.67	June 6, 1960	11.54	Mar. 2, 1961	10.09
Mar. 3	11.58	25	12.98	July 22	12.80	Apr. 21	10.86
Apr. 3	11.24	Nov. 1	11.85	Aug. 31	12.72	May 18	10.18
May 26	12.77	25	11.50	Sept. 29	10.85	June 14	10.67
July 8	13.25	Jan. 28, 1960	11.73	Oct. 28	10.88	Aug. 15	11.89
30	10.77	Feb. 24	9.58	Dec. 28	12.07	Nov. 16	13.67

352330N0772836.1. Local number 2. L. R. Rouse. Near Grifton. Drilled domestic artesian well in sand of Black Creek Formation of Late Cretaceous age, diam 2 in, depth 350 ft, cased to 350. Lsd 38.42 ft above msl. MP top of casing, 1.54 ft above lsd. Highest water level 0.25 below lsd, Apr. 1, 1954; lowest 18.75 below lsd, Sept. 20, 1962. Records available: 1954-55, 1957-62. No measurement made in 1963.

352330N0772836. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1959	13.78	July 30, 1959	14.15	July 22, 1960	15.50	Apr. 21, 1961	15.76
Mar. 3	13.75	Sept. 2	14.82	Aug. 31	15.46	May 18	16.13
Apr. 3	13.86	25	15.14	Oct. 28	15.67	Aug. 15	17.01
May 26	14.44	Nov. 25	14.57	Dec. 28	16.19	Nov. 16	17.48
July 8	14.70	Jan. 28, 1960	14.46	Mar. 2, 1961	15.71	Sept. 20, 1962	18.75

Martin County

355734N0771800. 1. Local number C-6. Martin County Board of Education. Oak City School. Drilled unused artesian well in Black Creek Formation of Late Cretaceous age, diam 4 in, depth 88 ft, cased to 88, screened. Lsd 81.56 ft above msl. MP top of casing, 0.10 ft above lsd. Highest water level 11.67 below lsd, June 8, 1961; lowest 18.05 below lsd, Oct. 8, 1963. Records available: 1959-63.

Feb. 16, 1959	12.81	Aug. 2, 1959	13.14	July 10, 1960	11.84	Oct. 10, 1961	13.66
Mar. 20	13.26	Sept. 25	11.86	Jan. 16, 1961	13.24	Nov. 21	16.26
May 14	13.48	Dec. 5	13.36	Feb. 28	12.41	Dec. 10	15.01
June 20	15.81	Jan. 20, 1960	13.14	Apr. 16	12.06	Sept. 25, 1962	16.84
July 15	15.56	Feb. 25	12.51	June 8	11.67	Dec. 13	15.02
25	14.34	May 10	12.61	July 20	12.54		

Mean water level for the day, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.55	13.25	12.95	13.45	.....	.....	.....	.....	.....	.....	.....	.....
10	14.45	13.10	13.00	13.55	.....	.....	.....	.....	.....	.....	.....	.....
15	14.40	13.10	13.10	13.70	.....	.....	.....	.....	.....	.....	.....	16.33
20	14.20	13.10	13.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	13.75	13.10	13.05	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	13.40	13.10	13.30	.....	.....	.....	.....	.....	.....	.....	.....	.....

355734N0771800. 2. Local number C-98. Martin County Board of Education. West Martin School. Oak City. Jetted unused water-table well in sand of Pleistocene or Recent age, diam 2 in, depth 12 ft, cased to 12. Lsd 81.30 ft above msl. MP top of well curbing, 0.40 ft above lsd. Highest water level 1.20 below lsd, Sept. 28, 1959; lowest 6.95 below lsd, Sept. 25, 1962. Records available: 1959-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 26, 1959	3.27	Aug. 4, 1959	1.65	Nov. 21, 1961	6.35	Feb. 18, 1963	2.83
May 13	3.86	Sept. 28	1.20	Sept. 25, 1962	6.95	Apr. 16	3.70
June 23	6.10	Dec. 5	1.80	Oct. 15	6.88	Oct. 8	6.50
July 15	2.32	Jan. 25, 1960	2.25	Dec. 13	3.37	Dec. 11	3.69
24	2.39	Feb. 20	1.85				

355039N0771153. 1. Local number C-34. Vernon Bunton. West of Everett's. Drilled stock artesian well in Peedee and Black Creek Formations of Late Cretaceous age, diam 3 in, depth 180 ft, cased to 180, screened. Lsd 37.68 ft above msl. MP top of 1½-in discharge pipe, 1.00 ft above lsd. Highest water level 3.60 above lsd, June 1, 1961; lowest 0.66 above lsd, Oct. 8, 1963. Records available: 1959-63.

Mar. 2, 1959	+2.60	Dec. 5, 1959	+2.77	Mar. 1, 1961	+3.27	Dec. 10, 1961	+2.32
25	2.12	Jan. 20, 1960	2.87	Apr. 10	3.30	Oct. 15, 1962	1.67
May 10	2.22	Feb. 20	3.17	June 1	3.60	Feb. 18, 1963	1.42
June 20	2.12	Apr. 1	3.14	July 16	3.14	Apr. 16	.90
July 20	2.70	May 10	2.87	Oct. 10	2.87	Oct. 8	.66
Aug. 5	2.84	July 10	3.40	Nov. 21	1.93	Dec. 11	.70
Sept. 20	3.37	Jan. 20, 1961	2.77				

354842N0775346. 1. Local number C-69. A. R. Robinson. Jamesville. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 4 in, depth 97 ft, cased to 97. Lsd 5.62 ft above msl. MP top of discharge pipe on casing, 2.60 ft above lsd. Highest water level 10.22 above lsd, Mar. 26, 1959; lowest 6.43 above lsd, Oct. 8, 1963. Records available: 1957-63.

Nov. 27, 1957	+8.86	Sept. 24, 1958	+9.30	Dec. 5, 1959	+8.18	July 25, 1961	+9.02
Jan. 1, 1958	9.07	Oct. 28	8.95	Jan. 20, 1960	8.33	Oct. 12	8.63
28	9.41	Nov. 25	7.80	Feb. 20	8.93	Nov. 21	7.78
Feb. 25	9.30	Jan. 20, 1959	8.79	Apr. 1	8.76	Dec. 10	8.08
Mar. 28	9.53	Mar. 26	10.22	May 5	8.40	Sept. 25, 1962	6.92
Apr. 22	9.99	May 14	9.76	July 10	9.16	Oct. 15	6.85
May 30	9.07	June 23	8.09	Jan. 20, 1961	8.66	Dec. 13	7.00
June 26	8.84	July 18	8.60	Mar. 1	9.00	Feb. 18, 1963	7.40
July 30	8.95	Aug. 5	8.20	Apr. 12	8.91	Apr. 16	7.50
Aug. 27	8.95	Sept. 25	8.98	June 1	9.73	Oct. 8	6.43

355015N0771012.1. Local number C-100. M. Barnhill. Everetts. Dug domestic water-table well in sand of Pleistocene or Recent age, diam 24 in, depth 18 ft, cased to 18. Lsd 61.00 ft above msl. MP top of well curbing. 3.40 ft above lsd. Highest water level 2.00 below lsd, July 21, 1959; lowest 8.50 below lsd, Oct. 8, 1963. Records available: 1959-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 26, 1959	3.23	Jan. 25, 1960	3.20	Mar. 5, 1961	2.77	Sept. 25, 1962	5.05
May 13	4.01	Feb. 20	2.30	Apr. 10	2.77	Oct. 15	5.10
June 23	6.80	Apr. 1	2.20	June 2	2.15	Dec. 15	3.71
July 21	2.00	May 10	3.05	July 25	2.80	Feb. 18, 1963	2.84
Aug. 4	2.28	July 10	2.53	Oct. 10	3.30	Apr. 16	3.65
Sept. 25	2.17	Oct. 20	2.43	Nov. 21	5.16	Oct. 8	8.50
Dec. 5	3.45	Jan. 20, 1961	3.63	Dec. 10	4.70	Dec. 11	4.89

354818N0775450.1. Local number C-101. Mt. Carmel Church. Southeast of Jamesville. Dug domestic water-table well in sand of Pleistocene or Recent age, diam 24 in, depth 20 ft, cased to 20. Lsd 37.68 ft above msl. MP top of well curbing. 2.00 ft above lsd. Highest water level 13.05 below lsd, June 1, 1961; lowest 15.47 below lsd, Nov. 2, 1961. Records available: 1959-63. Measurement discontinued.

Mar. 30, 1959	15.00	Jan. 25, 1960	13.63	Mar. 1, 1961	13.63	Dec. 5, 1961	14.63
May 14	14.27	Feb. 25	13.33	Apr. 5	13.45	Sept. 25, 1962	14.65
June 23	15.30	Apr. 1	13.40	June 1	13.05	Oct. 15	15.10
July 21	14.40	May 10	13.61	July 20	13.70	Dec. 13	14.91
Aug. 4	13.75	July 10	13.33	Oct. 12	13.96	Feb. 18, 1963	13.10
Sept. 25	13.10	Jan. 25, 1961	13.90	Nov. 21	15.47	Apr. 16	14.50
Dec. 5	13.88						

Moore County

350636N0792836.1. Local number 1. Pure Oil Station. Pinebluff. Dug unused water-table well in sands of Tuscaloosa Formation of Late Cretaceous age, diam 24 in, depth 47 ft, cribbed with brick. Lsd 412 ft above msl. MP top of wooden platform, 3.55 ft above lsd. Highest water level 31.10 below lsd, July 20, 1959; lowest dry, several times, 1951-52. Records available: 1944-63.

Jan. 7, 1959	36.6	Dec. 14, 1959	33.34	Sept. 19, 1960	34.75	June 26, 1961	41.02
14	37.2	21	33.09	26	35.60	3	40.95
28	38.1	28	33.32	Oct. 3	36.71	10	41.23
Feb. 4	32.4	Jan. 4, 1960	33.41	10	37.76	17	41.47
11	33.6	11	33.10	17	38.31	24	41.74
18	33.33	18	33.34	24	39.00	31	42.04
23	34.34	25	33.42	31	39.63	Aug. 7	42.32
Mar. 2	34.50	Feb. 1	33.48	Nov. 7	40.24	14	43.58
10	33.33	8	32.51	14	40.66	21	42.82
15	33.90	15	32.54	21	39.97	28	42.91
23	34.34	22	32.95	28	41.25	Sept. 4	42.77
31	34.60	29	33.05	Dec. 4	41.54	11	42.78
Apr. 6	34.90	Mar. 6	33.16	12	41.77	18	42.90
13	32.20	21	32.84	19	42.03	25	43.04
20	33.40	28	32.99	26	42.34	Oct. 2	43.28
July 6	35.55	Apr. 4	32.77	Jan. 9, 1961	43.11	16	43.63
13	33.28	11	32.64	16	43.37	23	43.61
20	31.10	18	32.71	24	43.61	30	43.62
27	33.29	25	32.62	30	43.44	Nov. 6	43.53
Aug. 3	33.35	May 2	32.57	Feb. 6	44.12	13	43.44
10	33.39	9	32.52	13	40.44	20	43.23
17	33.37	23	32.54	20	40.66	27	42.64
24	33.35	30	32.59	27	32.67	Dec. 4	41.09
31	33.24	June 6	32.61	Mar. 6	34.21	11	40.16
Sept. 7	33.21	13	32.72	13	33.41	18	34.06
14	33.20	20	32.88	21	35.17	25	33.91
21	33.21	27	33.98	27	34.03	Jan. 1, 1962	34.14
28	33.21	July 4	33.12	Apr. 3	33.62	8	32.33
Oct. 5	33.20	11	33.24	10	34.72	15	33.54
12	33.19	18	33.39	24	35.31	22	33.87
19	32.99	25	33.33	May 1	37.33	29	34.28
26	33.13	Aug. 1	33.47	8	38.44	Feb. 5	33.85
Nov. 1	33.13	8	33.51	15	38.98	12	34.35
9	33.22	15	33.57	22	39.40	19	34.56
16	33.23	22	33.69	29	39.72	26	33.07
23	33.24	29	33.82	June 5	40.21	Mar. 5	33.55
30	33.28	Sept. 5	33.74	12	40.64	12	33.67
Dec. 7	33.22	12	33.24	19	40.93	19	33.05

350636N0792836.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 26, 1962	33.49	Sept. 3, 1962	45.43	Feb. 18, 1963	37.03	Aug. 5, 1963	45.54
Apr. 2	34.13	10	45.62	25	32.05	12	45.59
9	34.14	17	45.73	Mar. 4	33.33	19	45.75
16	33.53	24	45.78	11	33.56	26	45.59
23	34.21	Oct. 1	45.86	18	32.94	Sept. 2	45.54
30	34.65	8	45.95	25	33.55	9	45.56
May 7	35.56	15	46.06	Apr. 1	34.25	16	45.71
14	36.76	22	46.11	8	35.09	23	45.76
21	38.23	29	46.21	14	35.32	30	45.88
28	39.67	Nov. 5	46.26	22	37.62	Oct. 7	46.01
June 4	40.92	12	45.35	29	38.72	14	46.05
11	41.75	19	46.44	May 13	40.26	21	46.12
18	42.42	26	46.56	20	41.16	28	46.02
25	43.07	Dec. 3	46.62	27	41.43	Nov. 4	45.95
July 2	43.45	10	46.64	June 3	41.42	11	45.91
9	43.79	17	46.69	10	42.03	18	45.94
16	44.19	24	46.71	17	43.25	25	45.96
23	44.47	Jan. 7, 1963	46.76	24	43.73	Dec. 2	45.99
30	44.68	14	46.76	July 1	44.32	9	45.01
Aug. 6	44.82	21	46.74	8	44.86	16	46.06
13	44.95	28	34.01	15	44.96	23	46.12
20	45.09	Feb. 4	35.65	22	45.15	30	46.14
27	45.25	11	36.62	29	45.38		

Northampton County

361608N0771626.1. Local number 1. Boomer Ice Co. Rich Sq. Drilled unused artesian well in sand of Tuscaloosa Formation of Late Cretaceous age, diam 10 in, depth 88 ft, cased to 88. Lsd 74.44 ft above msl. MP top of casing, 1.35 ft above lsd (since 1960). Highest water level 4.86 below lsd, Feb. 25, 1960; lowest 13.90 below lsd, Nov. 27, 1963. Records available: 1958-63.

Jan. 27, 1959	10.16	Oct. 30, 1959	6.69	Mar. 1, 1961	5.08	Feb. 18, 1963	10.43
Mar. 2	8.54	Nov. 24	7.41	Apr. 17	5.39	Mar. 6	8.83
Apr. 2	8.35	Jan. 27, 1960	6.91	May 17	5.73	Apr. 15	9.52
29	6.42	Feb. 25	4.86	June 15	8.01	May 21	11.28
May 25	10.10	June 7	9.92	Aug. 17	10.47	June 24	11.85
July 7	11.89	Aug. 30	7.56	Dec. 1	12.48	Aug. 18	12.96
29	10.23	Sept. 28	6.48	Nov. 23, 1962	12.86	Oct. 2	13.49
Sept. 1	11.87	Oct. 27	7.53	Jan. 7, 1963	12.76	Nov. 27	13.90
24	11.51	Dec. 22	10.16	Feb. 7	10.44		

Orange County

355522N0790430.1. Local number 1. McCauley. Chi Psi Fraternity. Chapel Hill. Dug unused water-table well in granite, diam 36 in, depth 48 ft, lined with rock. Lsd 513.72 ft above msl. MP gage pointer, 3.24 ft above lsd. Highest water level 36.43 below lsd, May 9, 1960; lowest dry, Oct. 11-Dec. 31, 1940. Records available: 1938-63.

Jan. 5, 1959	43.16	June 8, 1959	40.86	Nov. 2, 1959	41.21	Apr. 4, 1960	37.59
12	43.21	15	40.87	16	41.32	11	37.10
19	43.26	22	40.93	23	41.32	19	36.78
26	43.26	29	41.03	30	41.33	25	36.52
Feb. 2	43.40	July 6	41.13	Dec. 7	41.18	May 2	36.52
9	43.28	14	41.13	14	41.33	9	36.43
16	43.24	20	41.17	21	41.19	16	36.53
23	43.18	27	40.93	28	41.03	23	36.57
Mar. 2	43.16	Aug. 3	40.61	Jan. 4, 1960	41.09	30	36.70
9	43.04	17	40.39	18	40.82	June 6	36.75
16	43.04	24	40.46	25	40.89	13	36.94
23	42.99	31	40.50	Feb. 1	40.62	20	37.15
30	42.89	Sept. 8	40.62	8	40.34	27	37.39
Apr. 6	42.75	14	40.66	15	40.18	July 4	37.53
13	42.35	21	40.81	22	40.17	11	37.70
27	41.49	28	40.93	29	40.16	18	37.92
May 4	41.23	Oct. 5	41.08	Mar. 7	40.15	25	38.17
11	41.08	12	40.23	14	40.14	Aug. 1	38.35
18	40.96	19	41.28	21	40.11	8	38.45
25	40.94	26	41.25	28	38.12	15	38.64

355522N0790430. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 22, 1960	38.77	June 19, 1961	39.99	Apr. 30, 1962	39.19	Feb. 25, 1963	40.47
29	38.97	26	40.08	May 7	39.06	Mar. 4	40.32
Sept. 6	39.19	July 3	40.12	14	39.05	11	40.07
12	39.23	10	40.30	21	38.97	18	39.73
19	39.51	24	40.55	28	39.09	25	39.50
26	39.67	31	40.69	June 4	39.18	Apr. 1	39.31
Oct. 3	39.88	Aug. 7	40.85	11	39.21	8	39.07
10	40.05	14	41.06	18	39.30	16	39.01
18	40.25	21	41.12	25	39.27	22	38.86
24	40.33	28	41.24	July 2	39.53	29	38.94
31	40.52	Sept. 4	41.36	9	39.31	May 6	38.85
Nov. 7	40.73	11	41.50	16	39.39	13	38.98
14	42.88	18	41.65	23	39.48	20	38.98
21	41.00	25	41.76	30	39.60	27	39.07
28	41.14	Oct. 2	41.91	Aug. 6	39.72	June 3	39.10
Dec. 5	41.29	9	42.09	13	39.77	10	38.93
12	41.33	16	42.25	20	39.93	17	38.99
19	41.53	23	42.41	27	40.04	24	39.15
Jan. 2, 1961	41.76	30	42.54	Sept. 3	40.24	July 1	39.11
9	41.89	Nov. 6	42.67	10	40.39	8	39.16
16	41.91	20	42.88	17	40.49	22	39.47
23	41.99	27	43.00	24	40.74	29	39.51
30	42.17	Dec. 4	43.18	Oct. 1	40.89	Aug. 13	39.72
Feb. 6	42.22	11	43.28	8	40.99	19	42.63
13	42.18	18	43.18	15	41.21	26	40.08
20	42.23	Jan. 1, 1962	43.39	22	41.35	Sept. 3	40.26
27	41.79	8	42.92	29	41.50	9	40.37
Mar. 6	41.60	15	42.82	Nov. 5	41.62	16	40.54
13	41.50	22	42.75	19	41.61	23	40.71
20	41.45	29	42.56	26	41.46	30	40.86
27	41.12	Feb. 5	42.35	Dec. 3	41.42	Oct. 7	40.97
Apr. 4	40.78	12	42.28	10	41.42	14	41.18
10	40.60	19	42.17	17	41.43	28	41.44
17	40.41	26	42.04	24	41.59	Nov. 4	41.63
24	40.30	Mar. 5	41.80	31	41.37	18	41.74
May 1	40.22	12	41.54	Jan. 7, 1963	41.28	25	41.85
8	40.14	19	41.39	14	41.38	Dec. 2	41.88
15	39.99	26	41.10	21	41.16	9	41.86
22	39.91	Apr. 2	40.90	28	41.16	23	41.96
29	39.89	9	40.35	Feb. 4	41.00	27	42.01
June 5	39.90	16	39.86	11	40.76	30	42.08
12	39.92	24	39.43	18	40.67		

Pasquotank County

361833N0761730. 1. Local number 31T. Elizabeth City. Dug unused water-table well in sands of Pleistocene age, diam 18 in, depth 8 ft, lined with tile. Lsd 12.53 ft above msl. MP base of recorder shelf, 2.70 ft above lsd (since Sept. 15, 1962). Highest water level 0.02 above lsd, Feb. 6, 1957; lowest 8.00 below lsd, Dec. 21, 1943. Records available: 1935-57, 1959-63. Recorder installed Sept. 15, 1962.

Jan. 7, 1959	0.81	May 13, 1959	2.32	Sept. 16, 1959	2.02	Feb. 3, 1960	0.00
14	.00	20	2.81	29	.00	10	.00
21	.39	27	3.23	Oct. 5	1.83	17	.00
28	.50	June 3	.00	12	.00	24	.13
Feb. 4	.00	10	1.71	21	.61	Mar. 2	.43
11	.11	17	1.98	28	.00	9	.36
18	.00	24	2.79	Nov. 3	.87	23	.69
25	.75	July 1	3.37	12	.37	30	2.39
Mar. 4	.00	8	2.31	18	.81	Apr. 1	.13
11	.67	15	.00	25	.00	13	1.38
18	1.01	23	.82	Dec. 2	.39	20	3.93
25	1.32	29	1.63	9	.00	27	2.21
Apr. 1	.00	Aug. 5	.88	16	.00	May 4	2.79
8	1.03	11	.33	30	.00	11	3.16
15	.00	19	1.95	Jan. 6, 1960	.00	18	3.37
22	.00	26	1.84	13	.00	25	3.78
29	1.21	Sept. 2	2.65	20	.00	June 1	3.51
May 6	1.84	9	.95	27	.87	8	3.11

361833N0761730. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 15, 1960	3.66	Dec. 28, 1960	0.31	July 5, 1961	2.03	Jan. 17, 1962	0.00
26	4.21	Jan. 4, 1961	.00	12	1.34	24	.00
29	4.55	11	.67	19	2.03	Feb. 7	.00
July 6	4.54	18	.00	26	.00	14	.23
13	4.53	25	.65	Aug. 2	1.57	21	.00
20	4.26	Feb. 1	.00	9	2.75	28	.00
27	4.62	8	.00	16	3.80	Mar. 7	.00
Aug. 3	2.81	15	.00	23	4.19	14	.00
10	1.64	22	.00	30	4.40	21	.74
17	.00	Mar. 1	.00	Sept. 6	4.57	28	.02
24	.00	8	.00	13	4.77	Apr. 4	1.26
31	.43	15	.95	20	4.73	11	.00
Sept. 7	.43	22	.00	27	4.90	18	.75
14	.00	29	.17	Oct. 4	3.52	25	1.53
21	.49	Apr. 5	.00	11	4.30	May 2	1.27
28	1.29	12	.97	18	4.46	9	1.57
Oct. 5	2.53	19	.81	25	.73	16	1.97
12	2.15	26	1.54	Nov. 1	1.77	23	2.62
19	2.78	May 3	.14	8	2.35	30	3.12
26	2.95	10	1.56	15	3.73	June 6	1.61
Nov. 2	.32	16	.56	29	1.13	13	2.74
9	.82	24	.92	Dec. 6	1.82	July 16	1.61
16	1.41	31	1.87	13	.00	26	1.98
30	.85	June 7	2.06	20	.00	Aug. 7	3.39
Dec. 7	1.39	14	3.80	27	.00	15	4.06
14	.23	21	3.35	Jan. 3, 1962	.14	30	4.76
21	.00	28	.00	10	.00	Sept. 11	5.01

Mean water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.53	5.30	3.10
10	7.15	4.70	1.10
15	4.90	....	4.70	2.15
20	5.10	5.07	4.82	3.05
25	5.25	5.25	4.00	.00
Eom	5.26	5.15	4.05	....

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.55	....	....	h2.65
10	1.40	....	....	....	....	....	....	....	5.45	5.07	....	....
15	5.75	5.13	....	....
20	3.47	....	....	5.52	5.14	h4.77	....
25	3.79	....	5.73	5.70	5.27	....	....
Eom	4.31	....	5.63	5.65	5.33	....	....

h Tape measurement.

Transylvania County

351808N0823743.1. Local number 1. C. F. Baldwin. Blantyre. Dug unused water-table well in granite, diam 5 ft, depth 50 ft, lined with rock. Lsd 2,106.39 ft above msl. MP top of wooden platform, 1.00 ft above lsd. Highest water level 27.22 below lsd, May 20, 1962; lowest 41.32 below lsd, Jan. 2, 1945. Records available: 1932-63.

Mean water level for the day, from nonrecording gage, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	34.38	34.24	33.53	32.58	31.65	30.66	29.97	30.38	31.56	32.42	32.15	31.30
10	34.41	34.16	33.32	32.44	31.47	30.55	29.95	30.50	31.78	32.48	31.98	31.25
15	34.42	34.01	33.20	32.27	31.29	30.38	29.98	30.72	31.90	32.48	31.80	31.18
20	34.48	33.89	33.08	32.10	31.16	30.25	30.03	30.88	32.14	32.51	31.63	31.12
25	34.46	33.74	32.92	31.98	30.99	30.12	30.14	31.08	32.23	32.35	31.43	31.09
Eom	34.37	33.66	32.77	31.79	30.82	30.02	30.26	31.30	32.26	32.33	31.41	30.94

1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.95	30.28	29.65	....	....	27.47	28.81	30.23	31.09	31.71	32.23	32.58
10	30.90	30.17	....	....	....	27.68	29.11	30.43	31.16	31.82	32.25	32.61
15	30.76	30.18	....	....	....	27.80	29.29	30.61	31.27	31.93	32.32	32.66
20	30.71	30.03	....	....	....	28.09	29.55	30.75	31.35	31.98	32.36	32.76
25	30.65	29.88	....	....	....	28.32	29.79	30.90	31.48	32.08	32.42	32.87
Eom	30.52	29.82	....	....	....	28.58	30.01	31.03	31.56	32.13	32.48	32.91

351808N0823743.1--Continued.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.01	33.33	33.10	31.65	30.44	29.74	30.24	31.12	31.30	30.60	31.45	32.25
10	33.10	33.29	32.90	31.37	30.21	29.72	30.38	31.31	31.16	30.66	31.59	32.32
15	33.07	33.36	32.66	31.19	30.07	29.78	30.51	31.42	30.94	30.71	31.81	32.10
20	33.14	33.35	32.48	31.05	29.97	29.86	30.65	31.47	30.78	30.80	31.94	32.03
25	33.28	33.02	32.21	30.79	29.87	29.99	30.81	31.46	30.68	31.02	32.03	31.98
Eom	33.29	33.13	31.84	30.59	29.81	30.14	30.99	31.42	30.64	31.23	32.17	31.72

1962

5	31.55	30.09	29.14	28.29	27.32	27.67	28.22	.....	30.22	.....	32.39	32.97
10	31.24	29.90	29.06	28.07	27.23	27.89	28.30	29.19	30.45	31.65	32.46	33.05
15	30.99	29.74	28.91	27.86	27.25	27.98	28.37	29.41	30.67	31.82	32.65	33.13
20	30.78	29.59	28.74	27.73	27.22	28.07	28.50	29.61	30.86	31.94	32.77	33.18
25	30.53	29.46	28.61	27.59	27.32	28.17	28.58	29.78	31.09	32.10	32.88	33.25
Eom	30.32	29.28	28.38	27.39	27.52	28.21	.....	30.03	.....	32.25	32.92	33.26

1963

5	33.29	32.95	32.27	31.23	30.34	30.69	31.98	32.89	33.74	34.63	35.44	36.22
10	33.24	32.86	31.98	31.16	30.32	30.85	32.17	32.99	33.89	34.72	35.58	36.34
15	33.27	32.69	31.97	31.12	30.33	31.06	32.32	33.10	34.07	34.87	35.75	36.44
20	33.13	32.53	31.77	31.09	30.38	31.28	.....	33.27	34.19	34.96	35.85	36.47
25	33.13	32.44	31.57	30.46	30.48	31.54	32.61	33.45	34.36	35.16	35.97	36.50
Eom	33.02	32.39	31.37	30.30	30.57	31.77	32.75	33.54	34.45	35.32	36.05	36.59

Washington County

355205N0762331.1. Local number 2. Town of Creswell. Drilled public-supply artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 2 in, depth 367 ft, cased to 367. Lsd 4.80 ft above msl. MP highest point on elbow pipe, 1.40 ft above lsd. Highest water level 3.70 above lsd, Mar. 27, 1963; lowest 2.16 above lsd, Nov. 25, 1958. Records available: 1958-61, 1963. No measurement made in 1962.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 30, 1958	+2.25	May 25, 1959	+2.22	Jan. 27, 1960	+2.35	Mar. 1, 1961	+2.52
Aug. 27	2.45	July 7	2.23	Feb. 24	2.46	Apr. 18	2.55
Sept. 24	2.17	29	2.39	June 6	2.35	May 17	2.45
Oct. 28	2.45	Sept. 2	2.38	Aug. 31	2.40	June 14	2.50
Nov. 25	2.16	24	2.27	Sept. 29	2.50	Aug. 17	2.45
Dec. 31	2.19	Oct. 31	2.25	Oct. 27	2.49	Dec. 1	2.42
Jan. 27, 1959	2.29	Nov. 24	2.29	Dec. 22	2.28	Mar. 27, 1963	3.70
Mar. 2	2.57						

SOUTH CAROLINA

By G. E. Siple and N. C. Koch

The observation-well program in South Carolina was continued during the period 1959 through 1963 as part of the cooperative ground-water program begun in 1946 with the South Carolina State Development Board. Figure 9 shows the location of observation wells included in this report.

Well-Numbering System

Wells are designated by abbreviations derived from county names and followed by serial numbers. Thus, AK-2 represents well number 2 in Aiken County.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Aiken County

332555N0815315.1. Local number AK-1. Lyles & Lang Construction Co. Near Beech Island. Drilled unused artesian well in sand of Late Cretaceous age, diam 10 in, depth 320 ft, cased to 320, screened 290-320. Lsd about 254 ft above msl. MP top of casing, 0.85 ft above lsd. Highest water level 93.15 below lsd, June 16, 1962; lowest 99.43 below lsd, Mar. 4, 1958. Records available: 1952-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	97.06	97.16	96.68	96.89	.....	97.02	96.97	.....	96.60
10	97.05	97.14	96.44	97.05	96.88	.....	.....	.....	96.72
15	97.08	96.95	96.74	97.12	97.13	97.19	.....	.....	96.73
20	97.46	97.27	96.95	97.10	96.67	96.99	97.07	.....	.....	97.42	.....
25	97.19	97.04	96.85	97.02	.....	.....	.....	97.37	96.66
Eom	97.36	97.10	.....	96.88	96.89	96.87	96.93	.....	.....	96.66	96.60

1960

5	.....	95.64	95.07	94.69	94.88	94.57	94.75	94.56	96.52	.....	97.42	95.09
10	96.38	.....	95.22	94.66	94.53	94.76	94.64	94.60	96.54	95.81	97.48	94.94
15	96.23	95.31	95.16	94.74	94.67	94.81	94.63	94.76	96.66	95.82	97.58	94.94
20	.....	95.08	95.00	94.82	94.48	94.83	94.80	94.86	96.90	95.80	94.82	95.13
25	96.39	94.88	95.18	94.59	94.50	94.74	94.70	94.93	94.75	95.90	94.86	95.00
Eom	95.78	95.04	95.06	94.80	94.75	94.77	94.49	95.61	94.84	95.79	94.89	94.85

1961

5	95.05	95.00	95.19	94.14	93.92	.....	.....	94.10	94.04	94.35	94.44	94.71
10	95.07	94.89	.....	94.28	.....	93.95	.....	94.27	94.10	94.31	94.60	94.65
15	94.65	95.07	.....	94.04	.....	.....	.....	.....	94.05	94.38	94.68	.....
20	94.83	94.89	94.75	.....	.....	94.08	.....	94.03	94.19	94.50	94.62	94.09
25	95.16	94.47	94.54	.....	.....	.....	.....	94.25	94.18	94.52	94.63	94.08
Eom	95.12	94.33	94.63	93.86	.....	.....	94.11	.....	94.31	94.50	94.63	94.20

1962

5	94.17	94.07	.....	.....	93.50	93.53	.....	.....	.....	.....	93.91	93.81
10	.....	94.10	93.91	.....	93.44	93.52	93.38	93.67	94.56	.....	93.93	93.91
15	.....	.....	93.60	93.29	93.58	93.25	.....	.....	93.63	.....	94.13	93.88
20	.....	94.37	.....	93.24	93.39	93.35	.....	93.70	.....	93.74	93.99	.....
25	.....	93.80	.....	.....	.....	93.43	.....	.....	.....	.....	93.98	.....
Eom	94.12	.....	93.80	93.36	93.72	93.46	.....	94.06	.....	.....	.....	94.04

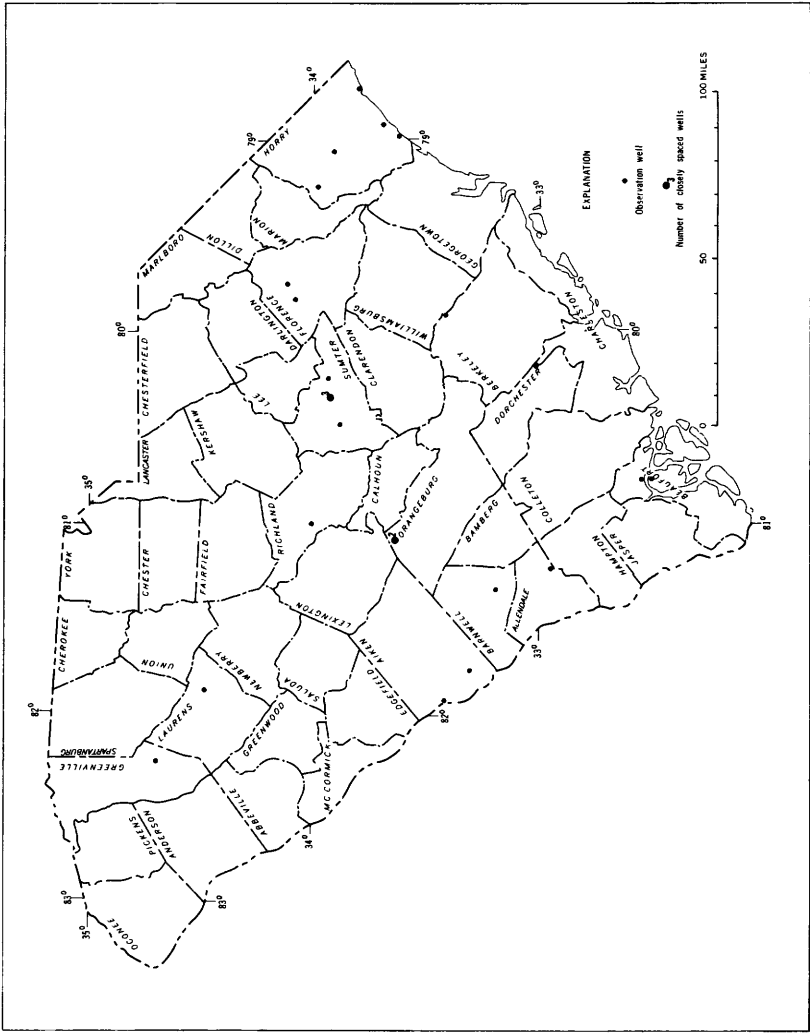


Figure 9. --Location of observation wells in South Carolina, 1959-63.

332555N0815315.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	93.53	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	93.83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	94.35	94.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	93.97	93.78	.....	93.69	93.64	.....	.....	.....	.....	.....	.....	.....
25	.....	93.81	94.05	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

331940N0814435.1. Local number AK-2. U. S. Government. Drilled unused artesian well in sand of Late Cretaceous age, diam 8 in, depth 605 ft, cased to 605, screened 390-400, 455-465, 590-600. Lsd 357 ft above msl. MP top of casing, at lsd. Highest water level 149.45 below lsd, Feb. 25, 1963; lowest 159.22 below lsd, May 29, 1957. Records available: 1955-63. Recorder removed Sept. 13, 1962.

Lowest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	155.94	156.50	155.90	155.62	155.78	156.04	155.79	156.25	156.49	156.00	.....	155.42
10	156.04	156.25	155.80	156.00	155.80	156.14	156.00	155.96	156.30	156.05	.....	155.85
15	155.86	155.77	155.70	156.00	155.95	155.88	155.87	156.35	155.98	155.93	.....	155.80
20	156.20	156.00	155.85	155.42	156.07	155.83	155.75	156.25	156.30	156.00	155.90	155.61
25	155.89	155.89	155.79	155.73	155.85	155.97	155.93	156.19	156.23	.....	155.58	155.80
Eom	156.24	156.05	155.62	155.72	155.95	155.77	156.24	156.10	155.91	.....	155.80	155.55

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	155.56	155.33	154.87	154.41	154.08	.....	153.47	.....	.....	152.57	.....	151.88
10	155.43	155.22	154.91	154.50	153.84	153.97	153.54	.....	.....	152.41	152.26	152.01
15	155.48	155.14	154.68	154.61	153.79	153.79	.....	153.29	.....	152.45	152.20	151.73
20	155.58	155.32	154.53	154.40	153.97	153.73	.....	153.28	.....	152.35	152.15	151.44
25	155.67	154.90	154.81	153.88	153.80	153.91	.....	153.34	152.90	.....	152.04	.....
Eom	155.15	154.81	154.43	154.22	153.03	153.75	.....	153.12	152.83	.....	151.85	.....

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	151.67	.....	151.66	151.56	151.22	151.17	151.23	151.30	150.60	150.93	150.65	150.83
10	.....	.....	151.75	151.31	151.06	151.19	151.24	151.14	150.69	150.79	150.66	150.97
15	.....	.....	151.45	151.31	151.22	152.10	151.44	151.06	150.93	150.68	150.59	150.80
20	151.60	151.68	151.63	150.53	151.49	151.60	151.51	150.95	150.64	150.57	150.56	150.52
25	.....	151.61	151.68	150.83	151.34	151.80	151.40	150.92	150.64	150.69	150.49	.....
Eom	.....	151.66	151.63	151.01	151.02	151.65	151.06	150.90	151.08	150.48	150.78	.....

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	149.94	150.89	150.47	151.85	151.04	.....	.....	.....
10	149.94	150.90	150.87	151.71	150.97	.....	.....	.....
15	150.41	.....	.....	150.00	150.65	151.00	151.55	.....	.....	.....	.....
20	150.43	.....	.....	150.20	150.48	151.13	151.30	.....	.....	.....	.....
25	150.46	.....	150.16	150.24	150.70	151.08	151.51	.....	.....	.....	.....
Eom	150.47	.....	149.81	151.08	150.75	150.92	151.26	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 30, 1962	150.24	Feb. 6, 1963	149.51	Apr. 16, 1963	149.71	Sept. 10, 1963	150.97
Jan. 25, 1963	149.94	25	149.45	June 28	150.56	Oct. 8	150.97

Allendale County

325725N0811410.1. Local number AL-1. Mr. Easton. Fairfax. Drilled unused artesian well in sand of Late Cretaceous age, diam 8 in, depth 660 ft, cased to 660. Lsd about 135 ft above msl. MP plug in 1-in tee, 4.50 ft above lsd. Highest water level 39.0 above lsd, June 19, 1947; lowest 27.9 above lsd, Nov. 9, Dec. 7, 28, 1963. Records available: 1946-61, 1963. No measurement made in 1962.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1959	+30.5	Dec. 6, 1959	+31.1	Aug. 5, 1960	+30.5	July 28, 1961	+30.5
Apr. 25	30.5	31	31.1	Sept. 30	30.5	Aug. 30	29.9
May 31	29.3	Jan. 29, 1960	29.3	Oct. 28	30.5	Oct. 1	29.4
June 27	29.9	Feb. 29	31.1	Nov. 30	29.9	28	28.2
July 26	31.1	Mar. 29	29.9	Dec. 30	30.5	Nov. 9, 1963	27.9
Aug. 26	28.8	Apr. 29	31.1	Jan. 31, 1961	31.1	Dec. 7	27.9
Sept. 27	30.5	May 27	31.6	Mar. 31	31.1	28	27.9
Nov. 1	31.1	July 1	29.3	June 30	29.3		

Barnwell County

331435N0812120.1. Local number BW-1. Town of Barnwell. Municipal well field. Drilled unused artesian well in sand of Tertiary age, diam 6 in, depth 145 ft, cased to 145. Lsd about 215 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 22.9' below lsd, May 27, 1960; lowest 58.79 below lsd, Jan. 20, 1953. Records available: 1948-63. Affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1, 1959	33.07	Dec. 31, 1959	25.90	Dec. 30, 1960	39.87	Mar. 17, 1962	29.03
28	32.84	Jan. 29, 1960	24.78	Jan. 31, 1961	41.43	Apr. 29	26.83
Mar. 30	32.56	Feb. 29	23.53	Mar. 1	40.94	May 29	29.55
Apr. 25	30.53	Mar. 29	22.98	31	40.72	July 1	28.29
May 31	42.82	Apr. 29	31.44	July 28	28.52	29	28.38
June 27	45.52	May 27	22.93	Aug. 30	28.59	Aug. 30	30.63
July 26	43.81	July 1	32.21	Oct. 1	29.14	Sept. 29	30.96
Aug. 26	46.15	Aug. 5	37.71	28	29.81	Nov. 9, 1963	33.93
Sept. 27	44.37	Sept. 30	37.90	Jan. 19, 1962	31.26	Dec. 7	33.70
Nov. 1	41.96	Oct. 28	40.30	Feb. 13	30.86	28	33.96
Dec. 6	27.07	Nov. 30	40.52				

Beaufort County

322745N0804405.1. Local number BFT-1. U. S. Navy. Drilled observation artesian well in limestone of Eocene age, diam 10 in, depth 105 ft, cased to 85, open hole 85-105. Lsd 30.11 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 8.47 below lsd, Mar. 17, 1960; lowest 21.44 below lsd, Aug. 22, 1956. Records available: 1955-63. Affected by pumping 0.25 mi away.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.37	16.50	15.68	14.61	11.87	.....	.....	15.37	16.20	10.41	.....	13.95
10	12.40	15.90	14.92	14.74	14.74	14.23	15.63	15.12	15.57	10.21	.....	14.07
15	12.17	15.47	14.82	14.84	16.03	15.63	15.57	15.33	15.20	13.93	.....	14.02
20	16.60	16.14	14.96	10.92	16.09	15.44	14.87	15.46	15.55	13.90	14.00	13.31
25	16.77	16.08	14.65	10.44	15.82	15.71	15.17	15.74	15.76	13.62	13.70	13.38
Eom	12.13	15.67	14.61	10.65	.....	.....	15.41	15.99	10.54	.....	12.80	13.41

1960

5	13.75	13.38	9.25	13.25	14.75	15.62	16.45	.....	.....	.....	14.88	15.50
10	13.28	13.28	8.92	13.32	14.51	15.82	16.16	.....	.....	.....	15.05	15.49
15	13.86	13.55	8.91	13.61	14.60	15.96	.....	.....	.....	.....	.....	15.53
20	13.85	13.42	8.72	14.50	14.52	15.94	.....	.....	.....	14.36	.....	15.72
25	14.03	13.32	13.58	15.62	.....	15.88	.....	.....	.....	14.49	.....	15.53
Eom	13.70	13.63	13.49	15.40	15.50	16.12	.....	.....	.....	14.77	.....	15.66

1961

5	15.90	15.55	.....	14.85	15.23	15.28	15.83	15.49	13.65	15.00	16.30	15.97
10	15.85	15.37	15.24	14.90	15.45	15.85	15.72	15.46	14.10	15.43	16.88	16.70
15	15.61	15.51	15.67	14.15	15.52	15.99	15.00	14.70	14.63	15.68	16.57	16.60
20	15.82	15.36	14.55	13.98	15.55	15.89	14.12	14.75	15.16	15.83	16.58	16.56
25	15.96	.....	14.35	14.80	15.33	15.82	14.71	14.48	14.88	15.85	16.44	11.17
Eom	15.77	.....	14.65	14.40	14.88	14.87	15.45	13.25	15.23	16.10	12.17	11.35

1962

5	11.30	11.25	15.63	15.17	15.70	17.29	15.77	16.12	15.42	15.24	.....	15.85
10	15.14	15.51	15.45	15.38	16.28	16.54	15.85	15.59	10.27	.....	.....	15.95
15	15.66	15.87	15.15	14.84	16.56	16.51	.....	15.80	10.32	15.38	15.82	16.28
20	15.83	16.32	15.15	15.23	16.55	16.76	11.95	15.60	14.65	15.62	11.12	12.85
25	12.11	16.05	15.05	11.75	17.27	16.42	15.41	15.83	15.07	15.73	11.08	11.60
Eom	11.31	11.92	11.57	11.62	16.96	15.52	16.65	14.93	15.38	15.78	13.30	13.65

1963

5	16.00	11.33	10.67	16.54	17.17	17.17	15.50	16.25	16.16	14.84	17.06	16.45
10	16.56	11.03	15.43	16.52	17.83	18.65	15.32	16.45	16.36	16.55	16.85	17.24
15	16.80	15.45	15.82	16.52	18.22	13.95	15.60	16.56	16.15	17.07	16.90	17.12
20	16.83	15.77	16.42	16.75	18.69	13.36	15.82	16.75	16.46	16.81	16.99	17.07
25	16.83	15.57	16.24	16.99	18.31	16.12	15.80	16.50	16.21	17.22	17.06	16.84
Eom	12.25	10.86	.....	17.15	15.82	15.15	15.97	16.40	14.30	17.17	13.47	17.31

323120N0804305.1. Local number BFT-2. U. S. Navy. Drilled observation artesian well in limestone of Eocene age, diam 10 in, depth 110 ft, cased to 68, open hole 68-110. Lsd 12.12 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 8.50 below MP, Oct. 23, 1959; lowest 12.18 below MP, Jan. 11, 1957. Records available: 1957-63.

323120N0804305.1--Continued.

Lowest water level for the day, below MP, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.93	10.24	10.13	9.79	10.55	10.37	10.83	11.03	11.22	9.32	9.09	9.55
10	10.76	10.09	9.75	10.20	10.59	10.42	11.00	11.05	10.39	9.49	9.20	10.30
15	10.96	10.23	10.10	10.30	10.80	10.39	11.00	11.18	9.90	9.66	9.28	10.08
20	11.40	10.30	10.02	10.13	10.56	10.30	10.80	11.18	10.06	9.25	9.50	10.08
25	11.21	10.56	9.62	10.07	10.65	10.71	10.90	11.35	10.42	9.36	9.84	9.71
Eom	10.91	10.02	9.52	10.54	10.50	11.00	11.15	11.27	9.36	8.85	9.95	9.95
1960												
5	9.89	9.08	.....	.....	.....	.....	11.09	9.92	10.09	9.41	10.02	10.22
10	9.80	.....	.....	.....	.....	.....	10.08	.....	10.25	9.80	10.32	10.23
15	9.61	.....	.....	.....	.....	.....	9.95	10.13	9.84	9.84	10.33	10.32
20	10.03	.....	.....	.....	.....	.....	9.82	10.05	9.70	9.44	9.95	10.33
25	10.01	.....	9.92	.....	.....	.....	10.06	10.27	9.44	9.65	9.90	10.44
Eom	9.24	.....	9.98	.....	.....	10.93	9.70	10.39	9.40	9.67	10.20	10.22
1961												
5	10.32	10.11	9.80	9.86	10.12	10.26	10.95	11.02	9.99	10.70	11.10	11.20
10	10.47	9.94	10.48	9.70	10.25	10.50	10.87	10.92	.....	10.70	10.91	11.32
15	9.97	9.60	10.11	9.47	10.11	10.88	10.90	10.81	.....	10.82	11.16	11.28
20	10.22	9.98	9.52	9.80	10.26	10.51	10.87	10.40	.....	10.73	10.97	11.21
25	10.60	9.85	9.65	10.20	10.09	11.05	10.81	10.35	.....	10.50	11.13	11.33
Eom	10.05	10.14	9.76	10.23	10.02	10.67	10.71	9.72	.....	11.01	11.00	11.68
1962												
5	11.48	10.48	9.50	10.43	10.20	10.58	10.30	10.74	10.15	9.98	10.63	10.22
10	11.19	10.48	9.46	10.34	10.56	10.10	10.47	10.55	9.67	10.17	10.73	11.05
15	10.90	10.49	9.98	10.33	10.64	10.26	10.62	10.43	9.63	10.05	10.53	10.97
20	10.87	10.67	9.97	10.46	10.48	10.29	10.42	10.49	9.99	9.98	10.64	11.00
25	11.07	10.84	9.90	10.34	10.82	10.19	10.80	10.20	9.95	10.31	10.91	10.88
Eom	10.80	10.68	10.16	10.33	10.57	9.92	10.76	9.74	10.18	10.48	10.17	10.80
1963												
5	10.74	9.94	10.15	10.87	10.98	11.10	10.12	10.54	10.33	10.22	10.92	11.00
10	10.66	9.75	10.30	10.62	11.10	11.10	9.96	10.45	10.25	10.38	10.82	11.27
15	10.99	10.50	10.40	10.67	11.06	11.20	9.89	10.67	10.41	10.42	10.77	10.75
20	10.70	10.50	10.53	11.07	11.10	10.77	10.15	10.25	10.15	10.57	10.94	10.69
25	10.65	9.95	10.52	10.81	10.77	9.87	10.10	10.97	9.99	10.32	10.89	10.62
Eom	10.46	9.90	10.62	10.82	10.94	9.80	10.28	10.30	10.26	10.68	11.07	10.37

Berkeley County

323450N0795530.1. Local number BRK-1. Santee River Hardwood Co. Saint Stephen. Drilled unused artesian well in sand of Late Cretaceous age, diam 6 in, depth 900 ft. Lsd about 75 ft above msl. MP top of casing, 1.60 ft (previously reported 0.85 ft) above lsd. Highest water level 15.37 below lsd, Mar. 2, 1958; lowest 20.01 below lsd, May 30, 1959. Records available: 1946-63. Affected by pumping, until March 1960.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1, 1959	18.02	Dec. 30, 1959	17.55	Jan. 31, 1961	17.41	Apr. 20, 1962	16.53
Mar. 1	17.13	Jan. 30, 1960	17.42	Mar. 1	17.04	May 29	16.97
30	16.83	Mar. 1	17.84	31	16.71	July 1	17.00
Apr. 26	17.89	30	16.20	June 30	16.51	29	17.05
May 30	20.01	May 27	17.05	July 28	16.76	Aug. 30	17.03
June 28	19.33	July 1	17.17	Aug. 30	16.88	July 26, 1963	16.60
July 26	18.55	Aug. 5	16.71	Oct. 1	17.04	Sept. 11	16.74
Aug. 26	18.88	Sept. 30	16.95	28	16.92	Nov. 9	17.06
Sept. 26	19.29	Oct. 28	17.13	Jan. 19, 1962	17.26	Dec. 7	17.01
Nov. 1	17.43	Nov. 30	17.31	Feb. 13	17.08	27	16.85
Dec. 5	16.25.21	Dec. 30	17.35	Mar. 17	16.76		

b Well pumped recently.

Dorchester County

330105N0801035.1. Local number DOR-1. Town of Summerville. Near town hall on Main St. Drilled unused artesian well in sand of Late Cretaceous age, diam 8 in, depth 925 ft, cased to 925, screened 913-925. Lsd about 70 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 19.49 below lsd, Jan. 31, 1954; lowest 28.22 below lsd, Apr. 30, 1949. Records available: 1948-63. Recorder installed Apr. 29, 1962; removed Apr. 11, 1963. Apr. 11, 1963, 21.91; July 26, 23.12; Sept. 11, 23.74; Nov. 9, 23.88; Dec. 7, 23.00; Dec. 28, 23.13.

330105N0801035.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1, 1959	22.03	Sept. 26, 1959	23.08	July 1, 1960	22.78	June 30, 1961	22.29
28	21.70	Nov. 1	22.46	Aug. 5	22.78	July 28	22.57
Mar. 30	21.59	Dec. 5	22.28	Sept. 30	22.70	Aug. 30	22.47
Apr. 25	21.74	30	22.12	Oct. 28	22.54	Oct. 1	22.61
May 30	21.97	Jan. 29, 1960	21.93	Nov. 30	22.58	28	22.59
June 27	22.44	Feb. 29	21.81	Dec. 30	22.54	Jan. 19, 1962	22.16
July 26	22.43	Mar. 29	21.81	Jan. 31, 1961	22.50	Feb. 13	22.12
Aug. 26	23.21	May 27	22.34	Mar. 1	22.21	Mar. 17	21.91

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	21.87	.....	22.41	22.71	22.94	22.55	22.41	22.23
10	21.86	.....	22.53	22.72	22.97	22.57	22.36	22.28
15	21.96	.....	22.61	22.86	22.94	22.56	22.36	22.31
20	21.96	.....	22.77	22.92	22.93	22.51	22.36	22.34
25	22.06	.....	22.82	22.98	22.89	22.54	22.37	22.40
Eom	21.81	22.27	.....	22.77	22.91	22.82	22.44	22.27	22.28

1963

5	22.29	22.15	22.07	22.05	.....	.....	.....	.....	.....	.....	.....	.....
10	22.22	22.08	22.04	21.91	.....	.....	.....	.....	.....	.....	.....	.....
15	22.25	22.11	22.05	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	22.11	22.02	21.92	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	22.19	22.01	22.08	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	22.00	22.07	22.05	.....	.....	.....	.....	.....	.....	.....	.....	.....

Florence County

341200N0794445.1. Local number FLO-2. City Products Corp. Florence. Drilled unused artesian well in sand of Tertiary and Late Cretaceous age, diam 8 in, depth 312 ft, cased to 312. Lsd about 145 ft above msl. MP top of casing, 1.19 ft (previously reported 1.00 ft) above lsd. Highest water level 32.11 below lsd, Sept. 1, 1956; lowest 52.08 below lsd, Dec. 20, 1957. Records available: 1956-63. Affected by pumping. Recorder removed Nov. 29, 1960.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	40.90	42.50	40.83	45.39	.....	43.03	44.11	45.36	54.77	57.28	57.48	57.48
10	43.82	41.03	40.52	47.92	.....	43.23	44.18	45.53	55.80	57.58	57.56	.....
15	45.14	40.20	40.38	49.25	.....	43.57	44.05	45.66	56.22	57.22	57.44	.....
20	45.79	41.61	38.57	49.10	.....	43.16	44.14	45.35	56.69	56.82	57.42	.....
25	46.16	41.40	47.52	50.14	.....	42.82	44.72	45.60	56.91	57.28	57.46	.....
Eom	44.08	40.85	39.39	51.74	43.34	43.91	52.23	45.52	56.72	57.52	57.44	55.80

1960

5	56.97	.....	.....	56.28	.....	.....	.....	53.02	49.62	45.96	44.97	.....
10	57.19	56.32	.....	55.60	.....	.....	.....	53.10	.....	45.72	.....	.....
15	56.76	56.63	.....	50.84	.....	.....	51.62	53.24	.....	45.35	.....	.....
20	53.10	56.81	.....	49.08	.....	.....	51.89	53.26	.....	45.14	.....	.....
25	54.99	56.81	.....	47.64	.....	.....	52.03	53.30	.....	45.26	.....	.....
Eom	55.46	56.86	57.20	.....	.....	.....	51.84	50.80	46.27	45.10	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1961	43.42	Sept. 30, 1961	34.52	May 30, 1962	45.60	July 26, 1963	39.81
Feb. 28	45.02	Nov. 3	36.00	June 30	41.46	Sept. 10	40.17
Mar. 30	44.10	Jan. 19, 1962	37.97	July 28	40.73	Nov. 8	40.05
June 29	41.05	Feb. 14	36.61	Aug. 29	40.86	Dec. 6	39.53
July 29	41.94	Mar. 18	38.75	Sept. 27	40.75	27	36.79
Aug. 31	36.05	Apr. 28	39.89				

341155N0794620.1. Local number FLO-3. City of Florence. Drilled unused artesian well in sands of Tertiary and Late Cretaceous age, diam 10 in, depth 630 ft, cased to 630. Lsd about 142 ft above msl. MP top of casing, at lsd. Highest water level 117.70 below lsd, Oct. 10, 1960; lowest 155.55 below lsd, Sept. 1, 1962. Records available: 1960-63. Affected by pumping.

341155N0794620.1--Continued.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	133.90	134.47	.....	.....	.....	141.80	140.40	143.92	144.90	144.66	144.80	144.08
10	134.92	.....	.....	.....	.....	141.08	142.30	145.28	146.10	138.70	143.00	143.90
15	135.45	.....	.....	.....	.....	142.02	143.00	145.95	144.52	145.00	145.04	142.58
20	137.40	.....	.....	.....	.....	142.70	143.38	146.00	144.10	145.58	144.50	142.80
25	136.72	.....	.....	.....	.....	142.32	143.33	146.30	144.98	145.10	143.10	142.20
Eom	135.40	.....	.....	.....	142.52	142.20	143.35	145.80	144.72	144.70	144.80	143.30

1961

5	143.92	145.92	144.20	144.15	144.46	145.55	147.60	148.80	.....	148.08	149.05	146.30
10	144.30	145.50	144.72	142.80	143.60	149.08	146.40	147.40	.....	148.20	148.25	144.40
15	142.80	145.90	144.42	142.35	142.00	149.96	148.80	146.80	.....	.....	147.57	146.50
20	144.32	146.00	145.00	142.20	143.35	149.60	147.65	.....	.....	148.90	146.80	.....
25	144.70	145.33	144.40	143.20	142.98	152.00	148.55	147.50	.....	148.00	144.40	147.00
Eom	145.78	144.38	145.10	143.84	142.60	148.32	148.15	.....	150.08	.....	146.50	147.22

1962

5	148.37	150.10	150.00	.....	153.55	.....	.....	153.00	155.25	147.00	146.05	144.40
10	148.10	150.55	150.44	.....	154.23	.....	.....	152.98	149.05	122.00	146.30	144.35
15	125.90	150.40	150.28	.....	153.75	.....	.....	153.28	152.50	148.70	145.68	146.87
20	149.80	150.12	.....	.....	154.40	.....	.....	151.32	150.70	148.58	145.72	146.08
25	149.45	149.20	.....	.....	152.50	.....	.....	153.63	.....	147.70	145.12	146.02
Eom	150.52	150.10	.....	152.99	.....	.....	.....	155.40	147.70	147.15	144.00	143.60

1963

5	146.95	118.08	145.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	146.30	143.30	133.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	144.70	144.40	137.70	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	145.70	145.15	137.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	147.18	145.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	119.90	145.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Greenville County

344210N0821210.1. Local number GRV-1. Town of Fountain Inn. Drilled unused water-table well in granite or granite gneiss, diam 6 in, depth 60 ft. Lsd about 800 ft above msl. MP top of casing, at lsd. Highest water level 5.29 below lsd, May 28, 1963; lowest 6.94 below lsd, Nov. 20, 1963. Records available: 1962-63.

Lowest water level for the day, from recorder graph, 1962

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.89	6.60
10	6.10	....	....	....	6.81
15	6.18	6.47	....	6.65	6.81
20	6.14	6.48	6.69	6.66	6.88
25	6.44	6.76	....	....
Eom	6.72	6.63	6.37

1963

5	6.62	6.03	5.91	5.87	5.54	5.72	5.68	6.08	6.42	6.45	....	....
10	6.73	6.20	5.82	5.74	5.64	5.82	5.92	6.16	6.43	6.55	....	....
15	6.39	6.21	5.62	5.80	5.71	5.95	....	6.19	6.45	6.59	....	....
20	....	6.00	5.65	5.85	5.82	5.89	5.85	6.23	6.45	6.58	6.94	....
25	6.13	6.08	5.75	5.96	5.88	5.56	5.95	....	6.60	6.66	....	....
Eom	6.30	6.15	5.83	....	5.65	5.46	....	6.39	6.22	6.76	6.62	....

Horry County

335315N0790210.1. Local number HO-1. St. Paul's Baptist Church. Near Conway. Drilled unused artesian well in sand of Late Cretaceous age, diam 2 in, reported depth 250 ft. Lsd about 26 ft above msl. MP end of 1½-in elbow, 3.50 ft above lsd. Highest water level 10.7 above lsd, Feb. 8, 1947; lowest 4.4 above lsd, Sept. 11, 1963. Records available: 1947-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 1, 1959	+7.00	Dec. 30, 1959	+5.8	Dec. 29, 1960	+5.2	Apr. 29, 1962	+5.1
31	7.0	Jan. 30, 1960	5.8	Jan. 30, 1961	5.8	May 30	5.0
Apr. 26	7.0	Mar. 1	5.8	Feb. 28	5.8	June 30	5.0
May 30	5.8	30	6.4	Mar. 29	4.7	July 28	4.9
June 28	6.4	May 26	5.8	June 29	5.2	Aug. 28	5.1
July 25	5.8	June 30	5.8	July 29	5.8	Sept. 29	5.1
Aug. 27	7.0	Aug. 4	6.4	Aug. 31	5.8	Sept. 11, 1963	4.4
Sept. 26	7.0	Sept. 29	5.2	Sept. 30	5.2	Nov. 9	4.7
Oct. 31	5.8	Oct. 27	5.8	Feb. 14, 1962	5.4	Dec. 7	4.6
Dec. 5	6.6	Nov. 29	5.8	Mar. 18	5.1	27	4.6

334740N0784520. 1. Local number HO-2. K. C. Ellsworth. Briarcliff Acres. Drilled domestic artesian well in sand of Late Cretaceous age, diam 10 in, depth 587 ft, cased to 587. Lsd about 25 ft above msl. MP 2½-in discharge pipe, 0.75 ft above lsd. Highest water level 12.5 above lsd, Jan. 31, 1951; lowest 1.3 above lsd, Jan. 30, Mar. 1, 1960. Records available: 1947-60. No measurement made during 1961-63 (measurements made only when flowing). Mar. 1, 1959, +2.5; Mar. 30, +2.5; Oct. 31, +1.9; Jan. 30, 1960, +1.3; Mar. 1, +1.3.

334040N0785410. 1. Local number HO-3. Town of Myrtle Beach. Drilled unused artesian and water-table well in sand of Late Cretaceous age, diam 8 in, depth 87 ft, cased to 87. Lsd about 25 ft above msl. MP top of flange, 1.87 ft above lsd (since Oct. 22, 1958). Highest water level 7.30 below lsd, Apr. 16, 1948; lowest 17.79 below lsd, Aug. 26, 1952. Records available: 1946-63. Corrected measurements for 1958: Oct. 22, 1958, 12.10; Nov. 23, 13.07; Dec. 30, 13.54.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1959	j13.28	Jan. 30, 1960	11.77	Feb. 28, 1961	j12.87	May 29, 1962	j13.30
Mar. 1	j12.44	Mar. 1	10.82	Mar. 30	j11.57	June 30	12.50
30	j11.54	30	10.24	June 30	10.01	July 29	12.90
Apr. 26	j12.44	May 26	11.17	July 28	11.24	Aug. 29	j14.09
May 30	j13.37	June 30	12.79	Aug. 30	11.99	Sept. 28	13.32
June 28	j13.76	Aug. 5	j9.76	Sept. 30	11.91	Apr. 11, 1963	11.42
July 25	j10.31	Sept. 30	11.18	Nov. 3	j13.70	July 26	j13.75
Aug. 26	j12.22	Oct. 28	j11.49	Jan. 19, 1962	j12.79	Sept. 11	j14.72
Sept. 26	13.11	Nov. 30	j12.83	Feb. 13	12.62	Nov. 9	j14.97
Oct. 31	j9.63	Dec. 29	13.40	Mar. 18	11.50	Dec. 7	j15.30
Dec. 5	j10.64	Jan. 30, 1961	j13.66	Apr. 29	11.81	27	j15.24
30	j11.04						

j Well 40 ft distant (in overlying aquifer) being pumped.

334035N0785430. 1. Local number HO-4. U. S. Government. Myrtle Beach Bombing Range. Drilled unused artesian well in Peedee and Black Creek Formations of Late Cretaceous age, diam 8 in, depth 459 ft, gravel-packed. Lsd about 25 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 12.25 below lsd, Apr. 21, 1958; lowest 45.26 below lsd, Sept. 11, 1963. Records available: 1956-63. Affected by distant pumping. Recorder removed Sept. 26, 1958; reinstalled Aug. 5, 1960. Jan. 31, 1959, 16.71; Mar. 1, 15.61; Mar. 30, 15.55; Apr. 26, 16.00; May 30, 16.66; June 28, 17.00.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	15.60	19.54	21.68	19.23	17.86
10	15.85	.....	22.26	18.83	17.86
15	16.04	.....	.....	18.69	17.79
20	15.99	.....	.....	18.30	17.86
25	18.04	.....	.....	18.02	17.74
Eom	18.88	21.15	19.98	17.88	16.70

1961

5	16.54	.....	14.80	15.61	.....	.....	18.86	.....	24.64	25.42	23.67	.....
10	16.45	.....	14.20	15.73	.....	.....	18.85	.....	.....	25.33	23.68	.....
15	16.43	.....	.....	15.22	.....	.....	.....	.....	.....	24.89	23.54	.....
20	16.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.40	.....
25	16.44	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.94	.....
Eom	16.25	14.89	15.20	.....	.....	18.18	.....	25.34	.....	.....	22.70	.....

1962

5	.....	27.96	24.32	27.56	32.30	.....	.....	.....	35.22	37.40	.....	.....
10	.....	27.60	25.78	27.43	32.86	.....	.....	.....	33.68	38.21	.....	.....
15	.....	27.30	27.10	27.67	33.47	.....	.....	.....	33.84	38.40	.....	.....
20	28.68	26.95	26.92	.....	34.24	.....	.....	.....	34.50	38.44	.....	.....
25	28.22	.....	27.19	.....	34.88	.....	.....	.....	35.00	38.45	.....	.....
Eom	28.06	26.67	27.26	30.82	37.36	.....	37.63	35.24	37.09	.....	.....	.....

1963

5	.....	.....	.....	.....	43.48	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	43.67	.....	.....	.....	.....	.....	.....	40.35
15	.....	.....	.....	42.42	.....	.....	.....	.....	44.60	.....	.....	41.06
20	.....	.....	.....	42.50	.....	.....	.....	.....	44.43	.....	.....	.....
25	.....	.....	.....	43.13	.....	.....	.....	.....	44.54	.....	.....	.....
Eom	.....	.....	.....	43.61	.....	.....	.....	.....	44.10	.....	.....	.....

335955N0791220. 1. Local number HO-5. Datan W. Johnson. Aynor. Drilled unused artesian well in sand of Late Cretaceous age, diam 2 in, depth 105 ft, cased 40-42. Lsd about 104 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 33.93 below lsd, July 28, 1961; lowest 37.26 below lsd, Nov. 8, 1963. Records available: 1960-63.

335955N0791220. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 29, 1960	34.61	June 29, 1961	34.18	Mar. 18, 1962	34.36	Apr. 11, 1963	34.07
Oct. 27	34.48	July 28	33.93	Apr. 29	33.99	July 26	36.18
Nov. 29	34.67	Aug. 31	33.98	May 30	34.53	Sept. 10	36.80
Dec. 29	34.86	Sept. 30	34.29	June 30	34.36	Nov. 8	37.26
Jan. 30, 1961	34.92	Nov. 3	34.69	July 29	34.89	Dec. 6	36.81
Feb. 28	34.38	Jan. 19, 1962	34.79	Aug. 29	35.44	27	36.10
Mar. 30	34.21	Feb. 14	34.28	Sept. 28	35.53		

Laurens County

342815N0815300. 1. Local number LAU-1. Town of Clinton. Drilled unused artesian (?) well in granitoid gneiss, diam 8 in, depth about 100 ft. Lsd about 650 ft above msl. MP top of 2-in pipe on top of casing, 1.25 ft above lsd. Highest water level 2.85 below lsd, Mar. 25, 1963; lowest 7.55 below lsd, Nov. 18, 1963. Records available: 1962-63.

May 17, 1962	4.00	Oct. 16, 1962	6.90	Apr. 18, 1963	3.55	Aug. 9, 1963	5.16
June 22	5.11	Nov. 14	7.25	May 8	3.23	Sept. 12	6.71
July 19	5.97	Dec. 5	6.17	16	3.50	Oct. 10	6.50
26	6.14	Jan. 3, 1963	5.78	June 19	4.29	Nov. 18	7.55
Aug. 8	6.22	Feb. 21	3.78	July 16	4.03	Dec. 12	6.54
Sept. 13	7.12	Mar. 25	2.85				

Orangeburg County

333655N0810605. 1. Local number ORB-1. Town of North. Municipal well field. Drilled unused artesian well in sand of Tertiary age, diam 10 in, depth 125 ft, cased to 125, screened 95-125. Lsd about 280 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 33.90 below lsd, Mar. 30, 1949; lowest 51.97 below lsd, Nov. 9, 1963. Records available: 1946-63. Affected by pumping.

Feb. 1, 1959	c41.62	Dec. 31, 1959	37.36	Dec. 30, 1960	37.82	Mar. 17, 1962	40.01
28	42.05	Jan. 29, 1960	37.10	Jan. 31, 1961	39.30	Apr. 29	41.20
Mar. 30	41.37	Feb. 29	36.15	Mar. 1	41.39	May 29	36.85
Apr. 25	41.20	Mar. 29	36.46	31	38.61	Jul. 1	36.40
May 31	40.46	Apr. 29	36.84	June 30	39.02	29	39.08
June 27	40.00	May 27	36.84	July 28	40.31	Aug. 30	38.23
July 26	40.28	July 1	c35.56	Aug. 30	38.56	Sept. 29	35.46
Aug. 26	39.77	Aug. 5	c35.93	Oct. 1	36.75	Sept. 11, 1963	37.10
Sept. 27	c40.51	Sept. 30	36.41	28	38.08	Nov. 9	51.97
Nov. 1	c38.94	Oct. 28	36.90	Jan. 19, 1962	40.26	Dec. 7	49.72
Dec. 6	39.69	Nov. 30	37.68	Feb. 13	38.30	28	39.99

c Nearby well being pumped.

333655N0810605. 2. Local number ORB-2. Town of North. Municipal well field. Drilled unused artesian well in sand of Tertiary age, diam 10 in, depth 125 ft, cased to 105. Lsd about 280 ft above msl. MP top of 2½-in x 2-in bushing, 2.10 ft above lsd (since July 26, 1959). Highest water level 33.12 below lsd, Mar. 30, 1949; lowest 43.44 below lsd, July 9, 1955. Records available: 1947-61. Well destroyed; measurement discontinued.

Feb. 1, 1959	c40.65	Sept. 27, 1959	39.07	Apr. 29, 1960	33.58	Dec. 30, 1960	36.94
28	40.64	Nov. 1	37.82	May 27	33.77	Jan. 31, 1961	37.39
Mar. 30	40.46	Dec. 6	c36.66	July 1	c34.40	Feb. 17	37.61
Apr. 25	40.15	31	36.50	Aug. 5	35.13	Mar. 1	37.64
May 31	c39.44	Jan. 29, 1960	c35.89	Sept. 30	35.54	31	37.24
July 26	39.18	Feb. 29	c34.92	Oct. 28	36.10	June 30	35.81
Aug. 26	39.67	Mar. 29	34.19	Nov. 30	36.88	Jul. 28	35.86

c Nearby well being pumped.

Richland County

340335N0805835. 1. Local number RIC-1. Shakespeare Mfg. Co. Formerly Columbia Products Co. Near Columbia. Drilled unused water-table well in sands of Late Cretaceous age, diam 6 in, depth 245 ft (previously reported 233 ft), cased to 233, screened 98-105. Lsd about 390 ft above msl. MP top of casing, 0.55 ft above lsd (previously reported top of casing extension, 0.60 ft above lsd). Highest water level 69.91 below lsd, May 23, 1960; lowest 84.10 below lsd, May 16, 1952. Records available: 1949-52, 1957-63.

340335N0805835.1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	77.78	78.33	.....	.....	78.83	78.60	78.47	77.93	.....	76.47	74.70	72.60
10	77.80	78.27	78.73	.....	78.77	78.49	78.49	78.00	.....	76.35	.....	72.51
15	77.72	78.40	78.80	79.01	78.63	78.48	78.40	77.88	77.12	76.12	.....	72.38
20	77.97	78.66	78.97	78.80	78.69	78.46	78.21	.....	76.93	75.92	73.41	72.28
25	.....	.....	78.92	78.94	.....	78.49	78.10	.....	76.78	75.39	73.10	72.08
Eom	78.23	.....	78.91	78.81	78.56	78.44	78.05	.....	76.70	75.20	72.86	72.01

1960

5	71.92	71.85	71.91	71.22	70.38	69.97	70.61	71.44	.....	73.57	74.67	75.69
10	71.91	71.69	71.66	71.25	70.16	70.12	70.66	71.57	.....	73.76	74.75	75.88
15	71.70	71.98	71.68	71.02	.....	70.10	70.87	71.80	72.94	73.91	75.01	75.90
20	71.85	72.04	71.59	70.89	70.08	70.25	.....	71.95	73.07	74.09	75.20	76.13
25	71.81	71.73	71.60	70.61	69.98	70.38	.....	72.19	73.28	74.33	.....	76.28
Eom	71.68	71.85	71.38	70.55	69.94	70.44	.....	.....	73.37	74.38	75.52	76.38

1961

5	76.58	77.54	77.83	.....	.....	75.34	75.08	.....	.....	75.69	76.07	76.55
10	76.80	77.48	77.91	77.37	.....	75.20	75.06	.....	.....	.....	.....	76.70
15	76.66	77.68	77.75	77.25	75.97	75.12	.....	75.16	.....	.....	76.26	76.88
20	77.05	77.77	77.80	77.14	75.86	75.06	75.05	75.03	.....	.....	76.40	76.89
25	77.28	77.80	77.81	76.76	75.67	75.10	.....	75.14	.....	.....	.....	.....
Eom	77.38	77.90	77.71	.....	75.48	75.07	74.98	75.18	75.55	75.82	76.62	77.17

1962

5	77.23	.....	77.85	77.88	.....	76.74	76.41	76.35	76.73	.....	78.06	78.34
10	77.42	77.71	77.98	77.76	77.09	76.76	76.42	76.38	76.80	.....	78.08	78.45
15	77.36	77.80	78.00	77.63	.....	76.68	.....	76.48	76.95	.....	78.19	78.45
20	.....	77.91	.....	77.55	.....	.....	76.46	76.56	.....	77.65	78.20	.....
25	77.43	78.02	.....	77.34	76.87	76.51	76.40	76.57	77.27	77.84	78.34	.....
Eom	77.65	77.91	77.90	.....	76.80	76.46	76.29	76.64	77.41	77.78	78.34	78.89

1963

5	79.04	79.47	79.47	79.27	78.71	.....	78.38	78.55	79.09	79.68	79.96	80.32
10	79.14	79.48	.....	79.14	78.66	78.49	78.41	78.63	79.22	79.68	80.03	80.39
15	79.33	79.57	79.58	79.07	.....	78.55	78.44	78.79	79.34	79.71	80.18	80.47
20	79.22	.....	79.34	.....	78.61	78.56	78.44	.....	79.32	79.70	80.22	80.50
25	79.47	.....	79.40	78.98	78.65	78.51	78.47	78.87	79.46	79.81	80.28	80.36
Eom	79.40	79.63	79.31	78.76	.....	78.45	78.43	.....	79.60	.....	.....	.....

Sumter County

335210N0802945.1. Local number SU-1. U. S. Geol. Survey. Poinsett State Park. Near Wedgefield. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 29 ft, cased to 29, perforated 18-29. Lsd about 190 ft above msl. MP top of casing (previously reported top of 1½-in reducer), 1.98 ft above lsd. Highest water level 5.54 below lsd Mar. 3, 1960; lowest 16.06 below lsd, Mar. 4-7, 1957. Records available: 1942-43, 1946-49, 1951-63. Recorder removed Sept. 10, 1962. Sept. 10, 1963, 13.58; Nov. 8, 14.01; Dec. 6, 15.00; Dec. 27, 13.50.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.17	8.40	8.89	8.98	.....	5.83	8.02
10	7.85	7.33	9.14	.....	6.28	.....
15	8.58	8.77	.....	6.77	7.72	9.29	.....	6.62	.....
20	8.57	.....	6.35	8.06	9.54	.....	6.86	8.40
25	6.68	.....	9.63	.....	.....	.....
Eom	9.22	7.80	9.53	6.93	8.74	9.42	5.99	.....	8.01

1960

5	8.15	.....	5.94	7.06	6.36	.....	8.85	7.95	.....	9.61	.....	11.27
10	8.03	.....	6.11	.....	.....	8.67	8.00	8.26	.....	9.79	.....	11.44
15	7.87	.....	6.24	.....	.....	8.86	8.40	8.55	.....	.....	.....	11.47
20	8.12	.....	.....	.....	.....	9.06	8.67	.....	.....	.....	.....	11.69
25	8.22	.....	6.60	6.93	.....	9.27	8.90	.....	.....	.....	.....	11.79
Eom	8.60	.....	6.44	6.60	8.16	8.52	8.00	.....	9.45	.....	11.21	11.76

1961

5	11.91	12.45	10.68	.....	.....	9.22	9.62	.....	.....	.....	.....	.....
10	12.02	12.32	10.87	.....	.....	9.49	9.80	.....	.....	.....	.....	.....
15	12.00	.....	10.82	.....	7.71	.....	9.96	.....	.....	.....	.....	.....
20	12.14	.....	11.09	.....	8.05	.....	.....	.....	.....	.....	.....	.....
25	12.35	.....	11.28	.....	8.41	.....	.....	.....	.....	.....	.....	.....
Eom	12.36	11.06	11.21	.....	8.88	9.83	8.04	.....	.....	.....	.....	.....

335210N0802945.1--Continued.

Day	1962											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.47	....	....	10.36	10.96	....	....	....
10	9.81	....	....	10.35	11.09	....	....	....
15	10.49	....	....	10.03	....	....	10.53	....	....	....	....
20	10.71	7.88	....	10.21	....	....	10.67	....	....	....	....
25	7.32	....	10.55	....	....	....	....	....	....	....
Eom	9.13	10.79	....	10.13	10.86	....	....	....	....

335605N0802045.1. Local number SU-2. City of Sumter. Municipal well field. Jetted unused water-table well in sand of Tertiary age, diam 24 in, depth 50 ft, cased to 50. Lsd about 176 ft above msl. MP top of concrete curbing, 1.80 ft above lsd. Highest water level 6.96 below lsd, Apr. 15, 1947; lowest 34.66 below lsd, Dec. 29, 1955. Records available: 1946-63.

Affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1959	26.54	Dec. 30, 1959	20.78	Jan. 30, 1961	24.93	Apr. 28, 1962	19.58
Mar. 1	26.42	Jan. 30, 1960	21.75	Feb. 28	25.01	May 30	20.04
31	25.65	Mar. 2	18.44	Mar. 30	23.67	June 30	20.34
Apr. 26	25.11	30	18.18	June 29	21.61	July 28	20.53
May 30	24.25	May 26	17.03	July 30	20.08	Aug. 28	20.31
June 28	23.62	June 30	19.49	Aug. 31	18.34	Sept. 27	21.79
July 25	22.71	Aug. 4	20.83	Sept. 30	17.97	Sept. 10, 1963	18.95
Aug. 27	21.89	Sept. 29	21.40	Nov. 3	18.10	Nov. 8	16.13
Sept. 26	22.78	Oct. 27	22.16	Feb. 14, 1962	21.50	Dec. 6	16.69
Oct. 31	21.45	Nov. 29	22.68	Mar. 18	20.83	27	16.19
Dec. 5	19.37	Dec. 29	22.99				

335605N0802045.2. Local number SU-4. City of Sumter. Municipal well field. Drilled public-supply artesian well in sand of Late Cretaceous age, diam 18 in, depth 625 ft, cased to 625, screened 415-435, 508-528, 550-570, 605-625. Lsd about 176 ft above msl. MP bottom of cut-away on pump, 1.00 ft above lsd (since Aug. 4, 1960). Highest water level 28.75 below lsd, Mar. 1, 1960; lowest 70.45 below lsd, Sept. 10, 1963. Records available: 1947-63. Affected by pumping.

Jan. 31, 1959	39.20	Dec. 30, 1959	35.80	Jan. 30, 1961	40.74	May 30, 1962	54.95
Mar. 1	37.13	Jan. 30, 1960	30.28	Feb. 28	31.75	June 30	48.25
31	36.28	Mar. 1	28.75	Mar. 30	39.22	July 28	57.04
Apr. 26	35.63	30	32.93	June 29	35.10	Aug. 28	55.14
May 30	41.84	May 26	45.62	July 30	32.97	Sept. 27	53.23
June 28	41.02	June 30	39.60	Aug. 31	37.15	Apr. 10, 1963	49.35
July 25	40.70	Aug. 4	43.57	Sept. 30	44.22	Sept. 10	70.45
Aug. 27	43.87	Sept. 29	40.92	Nov. 3	51.52	Nov. 8	60.76
Sept. 26	37.64	Oct. 27	40.93	Feb. 14, 1962	45.11	Dec. 6	61.29
Oct. 31	33.65	Nov. 29	38.73	Mar. 18	42.93	27	59.45
Dec. 4	35.59	Dec. 29	42.04	Apr. 28	53.68		

335610N0802055.1. Local number SU-5. City of Sumter. Municipal well field. Drilled public-supply artesian well in sand of Late Cretaceous age, diam 18 in, depth 714 ft, cased to 714, screened 518-538, 600-620, 690-710. Lsd about 176 ft above msl. MP top of casing, at lsd (since Sept. 29, 1960). Highest water level 27.99 below lsd, Mar. 1, 1963; lowest 63.44 below lsd, Dec. 27, 1963. Records available: 1948-52, 1955-63. Affected by pumping.

Jan. 31, 1959	40.94	Dec. 30, 1959	36.67	Nov. 29, 1960	38.85	Sept. 30, 1961	45.71
Mar. 1	38.38	Jan. 30, 1960	29.21	Dec. 29	43.24	Nov. 3	49.53
31	34.43	Mar. 1	27.99	Jan. 30, 1961	42.29	Feb. 14, 1962	44.75
Apr. 26	36.93	30	28.74	Feb. 28	31.54	Mar. 18	43.43
May 30	42.99	June 30	40.96	Mar. 30	41.29	June 30	49.98
June 28	41.93	Aug. 4	42.65	June 29	35.91	Apr. 10, 1963	50.24
Sept. 26	38.09	Sept. 29	42.52	July 30	32.58	Nov. 8	61.84
Oct. 31	33.05	Oct. 27	40.36	Aug. 31	36.74	Dec. 27	63.44
Dec. 4	36.88						

335745N0801455.1. Local number SU-6. Beulah Methodist Church. Near Sumter. Drilled domestic artesian well in sand of Late Cretaceous age, diam 2 in, depth 250 ft. Lsd about 125 ft above msl. MP top of coupling, 0.65 ft above lsd (since June 28, 1959). Highest water level 8.4 above lsd, Apr. 5, 1950; lowest 10.38 below lsd, Nov. 29, 1960. Records available: 1948-63.

335745N0801455.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 1, 1959	+3.2	Mar. 30, 1960	-4.51	Mar. 30, 1961	-6.25	June 30, 1962	-6.79
31	3.2	May 26	5.67	June 29	5.64	July 28	7.68
Apr. 26	3.2	June 30	2.05	July 30	5.27	Aug. 28	8.98
June 28	j-5.84	Aug. 4	7.05	Aug. 31	5.51	Sept. 28	8.29
July 25	4.78	Sept. 29	8.95	Sept. 30	7.13	Apr. 10, 1963	5.32
Sept. 26	5.84	Oct. 27	9.84	Nov. 3	9.04	July 25	7.28
Oct. 31	4.14	Nov. 29	10.38	Feb. 14, 1962	6.47	Sept. 10	9.04
Dec. 5	5.24	Dec. 29	10.30	Mar. 18	4.84	Nov. 8	9.89
30	4.76	Jan. 30, 1961	9.83	Apr. 29	5.20	Dec. 6	8.07
Jan. 30, 1960	4.84	Feb. 28	7.56	May 30	5.40	27	7.05
Mar. 1	3.98						

j Well drilled 10 ft away in May 1959 caused water level to drop below lsd.

Reference

Siple, G. E., 1960, Piezometric levels in the Cretaceous Sand Aquifer of the Savanrah River basin: Georgia Mineral Newsletter, v. XIII, no. 4.

TENNESSEE

By R. H. Bingham

The observation-well program in Tennessee was continued during the period 1959 through 1963 in cooperation with the Memphis Light, Gas, and Water Division, and the Tennessee Department of Conservation, Division of Water Resources. Figure 10 shows the location of observation wells included in this report.

Well-Numbering System

Beginning in 1959, a new well-numbering system has been used in Tennessee. Each local well number is made up of three items, the first and second of which are separated by a colon, and the second and third by a hyphen. The first item is a two-letter abbreviation of the county name; the second is a letter designating the $\frac{1}{2}$ -minute quadrangle in which the well is located. The letters are assigned alphabetically in a left to right sequence, starting with "A" in the southwest portion of the county and continuing this sequence (omitting the letter "I") to the northeast portion of the county. The third item is a serial number designating a well within the quadrangle. Thus, Cb:O-6 indicates the sixth well in "O" quadrangle in Campbell County.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Campbell County

363436N0840748.1. Local number Cb:O-6. Formerly 7:1-6. Jellico Waterworks. Drilled unused artesian well in rocks of Pennsylvanian age, diam 12 in, depth 620 ft. Lsd 1,020 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 70.05 below lsd, Mar. 13, 1963; lowest 87.04 below lsd, Aug. 10, 1949. Records available: 1949-63. For additional information, see Bingham (1963).

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	77.30	75.78	75.83	75.58	75.77	75.49	76.25	75.95	75.87	76.15	75.64	74.46
10	77.18	75.89	75.96	75.66	75.90	75.62	76.39	75.91	75.90	76.07	75.70	74.77
15	76.94	75.44	75.54	75.33	75.92	75.84	76.52	76.09	75.59	75.97	75.82	74.57
20	76.84	75.25	75.72	75.35	75.98	76.02	76.52	76.15	75.89	75.98	75.66	73.08
25	74.25	75.44	75.96	75.50	75.93	76.08	76.44	76.05	75.89	75.75	75.24	74.08
Eom	75.47	75.52	75.43	75.65	75.82	76.16	75.96	75.85	75.98	75.63	74.22	74.70

1960

5	74.64	75.10	74.69	74.76	75.21	75.59	75.03	75.54	75.78	75.75	75.74	75.77
10	74.52	75.02	74.74	.....	74.94	75.78	74.93	75.54	75.88	75.67	75.73	75.82
15	74.65	75.17	74.82	75.04	75.14	75.68	74.59	75.51	75.66	75.66	75.69	75.52
20	74.91	74.94	74.32	75.21	75.31	75.48	.....	75.50	75.55	75.65	75.79	75.64
25	75.03	74.66	74.70	75.22	75.38	74.94	.....	75.54	75.66	75.62	75.76	75.69
Eom	75.08	74.73	74.57	75.22	75.48	74.82	75.38	75.70	75.73	75.59	75.86	75.30

1961

5	74.65	75.06	73.77	74.59	74.51	75.28	75.16	75.70	76.32	76.88	77.17	77.06
10	74.84	74.82	73.28	74.55	74.69	75.25	75.32	75.91	76.43	76.93	77.12	77.01
15	74.81	74.95	73.87	74.34	74.77	74.94	75.32	75.99	76.60	77.02	77.18	76.68
20	74.81	75.00	74.28	74.15	74.91	74.72	75.33	75.97	76.58	76.97	77.35	75.59
25	.....	73.11	74.52	74.41	74.97	74.78	75.51	76.11	76.74	77.18	77.27	75.23
Eom	74.95	73.14	74.55	74.73	75.22	74.99	75.59	76.17	76.83	77.12	77.11	75.19

1962

5	75.22	74.46	73.10	74.61	74.87	75.42	75.54	76.18	76.74	76.77	76.69	75.66
10	75.16	74.77	73.48	73.27	75.01	75.56	75.66	76.24	76.83	76.78	76.59	75.85
15	75.12	.....	74.06	72.83	75.12	75.37	.....	76.38	76.86	76.57	76.05	.....
20	75.01	75.02	74.30	73.87	75.06	75.31	75.95	76.52	76.86	76.56	75.88	75.99
25	74.29	74.59	74.33	74.34	74.26	75.32	76.00	76.59	76.88	76.57	75.76	75.79
Eom	73.71	72.35	74.41	74.68	75.37	75.48	76.08	76.73	76.98	76.54	75.69	75.49

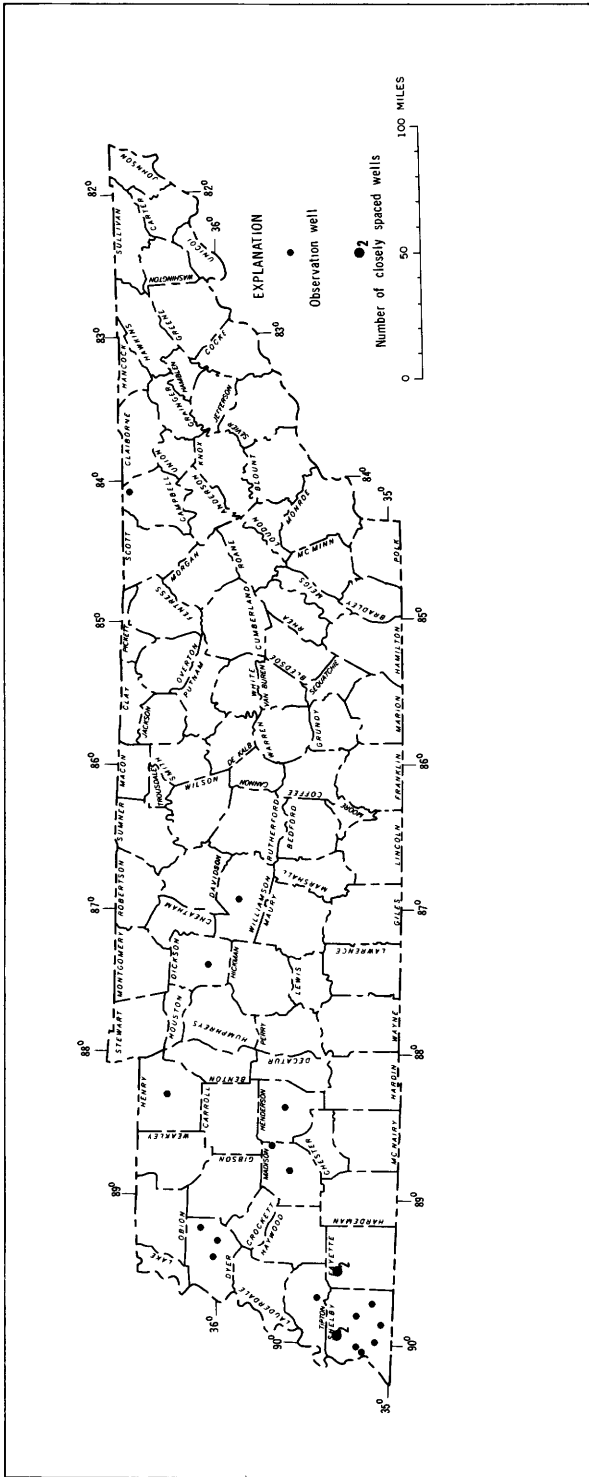


Figure 10. -- Location of observation wells in Tennessee, 1959-63.

363436N0840748.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	75.46	75.22	74.75	74.70	75.30	77.82	78.26	78.32	79.83	80.00	79.19	78.93
10	75.43	75.18	73.53	74.80	75.54	78.01	77.32	78.60	79.71	79.71	79.22	78.95
15	75.38	75.24	72.23	74.97	76.13	78.28	77.53	78.83	80.00	79.69	79.31	79.01
20	75.22	74.98	72.59	75.09	76.66	78.38	77.67	78.80	80.18	79.61	79.19	78.89
25	75.38	74.90	73.62	75.28	76.97	78.00	77.81	79.53	80.44	79.53	79.16	78.82
Eom	75.31	74.88	74.36	75.28	77.46	78.26	77.56	79.82	80.38	79.47	78.97	79.11

Dickson County

360429N0872336.2. Local number Di:F-19. City of Dickson. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in, depth 387 ft, case to 22. Lsd 755 ft above msl. MP top of casing, at lsd. Highest water level 8.78 below lsd, Apr. 11, 1962; lowest 33.52 below lsd, July 26, 1962. Records available: 1960-63.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.54	32.74	33.43	33.09	32.44	32.04
10	32.89	33.46	32.44	.....	31.47
15	32.55	33.13	33.14	33.00	.....	31.38
20	32.77	33.10	32.94	32.74	.....	31.49
25	32.72	.....	33.08	32.85	32.11	31.26
Eom	32.76	.....	33.08	32.40	31.50	30.09

1961

5	30.79	31.21	23.80	24.89	26.18	31.94	e32.40	32.66	32.17	32.14	e31.80	31.64
10	31.72	30.10	21.19	26.77	27.46	e32.10	32.76	32.81	32.19	e32.20	.....	28.60
15	31.42	31.59	23.44	22.05	29.29	.....	31.68	32.94	e32.40	e32.25	31.76	29.34
20	30.86	30.49	23.58	23.69	30.04	.....	31.76	33.00	.....	.....	31.88	.....
25	31.65	21.94	24.34	26.61	30.63	.....	32.08	32.29	.....	.....	31.53	.....
Eom	31.99	23.14	25.66	28.53	31.95	.....	32.20	32.75	.....	e32.10	31.90	.....

1962

5	29.34	.....	e23.40	23.20	28.75	31.96	32.92	33.48	.....	30.48	32.75	32.50
10	27.97	27.02	20.17	20.40	30.40	31.99	32.78	32.86	.....	32.42	32.03	32.41
15	29.80	28.35	23.38	.....	31.65	31.63	33.17	33.39	.....	32.42	32.06	32.25
20	29.27	.....	24.35	.....	32.35	32.38	33.38	33.43	.....	32.23	31.99	32.30
25	23.66	.....	23.30	.....	32.48	32.43	33.49	33.31	e32.50	32.46	32.15	32.08
Eom	27.52	.....	e23.50	.....	32.45	32.76	33.26	.....	32.85	32.50	32.40	31.57

1963

5	31.90	31.52	29.96	29.13	25.70	32.18	28.03	31.78	30.16	32.41	32.50	32.13
10	32.00	30.45	31.37	30.31	30.18	32.49	27.98	31.37	32.17	32.45	32.50	32.00
15	31.73	31.30	31.49	31.72	31.33	32.32	24.20	26.40	32.39	32.59	32.68	31.66
20	32.03	28.60	25.58	32.11	31.95	31.49	24.40	30.21	32.48	32.69	32.41	31.84
25	32.07	27.38	22.92	32.21	32.15	31.95	29.30	32.05	32.54	32.71	31.92	31.93
Eom	32.04	29.00	26.46	30.00	32.02	32.09	30.45	26.05	32.47	32.73	31.82	31.97

e Estimated.

Dyer County

360147N0892307.1. Local number Dy:H-7. Formerly 23:1-3. City of Dyersburg. Drilled unused artesian well in sand of Claiborne Group of middle Eocene age, diam 24 to 10 in, depth 656 ft, cased to 605, screened 605-655. Lsd 270.07 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 2.69 above lsd, Mar. 1-2, Apr. 19, 1962; lowest 17.1 below lsd, Aug. 10, 1956. Records available: 1954-63.

Lowest water level for the day, above and below lsd, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	-0.56	+0.72	(j)	-0.88	-0.82	-1.87	-1.89	-2.67	-1.03	-0.81	(j)
10	....	.77	.58	(j)	.19	.93	1.93	1.96	2.66	1.03	.63	(j)
15	-0.97	.57	(j)	+0.77	.17	.88	2.08	2.27	2.40	.86	.44	(j)
20	.57	-1.18	(j)	+ .61	.24	1.46	2.03	2.58	2.53	.93	.29	(j)
25	.18	+ .84	(j)	(j)	1.17	1.43	1.74	2.91	1.71	.68	.46	(j)
Eom	.18	.94	(j)	(j)	.73	2.09	1.45	2.33	1.07	1.03	.15	(j)

j Flowing.

360147N0892307. 1--Continued.

1960												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-0.24	-0.09	+0.10	+0.14	+0.14	....	....	-2.94	-2.69	-2.57	....	-0.45
10	.19	+.08	....	....	+.31	....	....	2.71	3.72	2.37	-0.90	.53
15	....	+.11	....	....	....	....	....	2.69	2.51	2.59	.90	.26
20	-.13	-.01	....	....	....	h-1.15	....	2.30	2.51	3.53	.77	.28
25	+.01	+.08	+.16	.16	-1.04	....	....	-1.79	3.08	2.84	3.49	.81
Eom	-.03	.11	-.15	.19	.49	....	2.56	3.34	2.72	....	.69	.72

1961												
5	-0.86	-0.09	+0.74	+0.19	+0.69	-0.98	-1.05	-1.68	-1.60	-0.88	-1.06	-0.53
10	.93	+.03	.97	....	+1.07	.13	1.10	1.87	2.34	....	1.32	+.50
15	....	.00	.85	....	....	.08	1.22	1.72	1.89	....	1.00	.82
20	....	+.33	+.59	....	....	.23	1.20	e2.00	1.98	....	-.83	1.17
25	....	.44	....	....	....	.26	1.52	1.67	1.36	2.63	+.16	1.16
Eom	....	.77	-.02	....	....	1.60	e1.55	1.90	2.13	2.34	-.12	....

1962												
5	....	+1.31	+2.62	....	+1.73	-0.88	-1.37	-2.37	-2.70	-1.67	....	-0.04
10	....	.88	e2.20	....	+.68	.64	1.68	2.68	2.59	1.91	....	.08
15	....	.98	....	....	-.75	.94	2.01	....	2.17	....	....	.20
20	+.023	.97	....	+2.62	.45	1.37	2.27	e3.00	3.53	....	-1.24	-.18
25	1.01	1.49	....	.91	1.01	1.12	2.22	3.00	1.34	e1.81	.86	+.23
Eom	1.34	2.62	....	.88	1.35	1.52	2.32	5.51	1.61	....	e.90	-.01

1963												
5	-0.17	-0.02	-0.46	-1.12	-1.28	-3.11	-3.32	-4.28	-4.35	e-4.60	....	....
10	.04	+.04	....	.97	2.80	3.32	3.51	4.62	4.50	4.70	....	-3.76
15	-.13	-.04	....	.70	3.08	3.78	3.50	4.58	4.15	4.66	....	2.36
20	+.09	+.05	....	1.91	2.46	3.18	3.88	4.28	4.79	....	....	2.63
25	-.03	-1.00	....	1.33	2.65	3.45	4.18	4.70	4.47	....	....	1.98
Eom	.02	1.37	....	1.08	3.45	3.10	4.12	4.41	4.17	....	....	1.99

e Estimated.

h Tape measurement.

360200N0892801. 1. Local number Dy:H-1. Formerly 23:4-1. U.S. Geol. Survey. Drilled observation artesian well in sand and gravel of Pleistocene age, diam 4 in, depth 70 ft, cased to 60, screened 60-70. Lsd 278 ft above msl. MP top of casing, 1.00 ft above lsd. H₂O test water level 3.69 below lsd, Feb. 28, 1962; lowest 18.93 below lsd, Jan. 18-21, 1957. Records available: 1955-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.12	9.80	....	8.96	....	11.51	13.13	14.36	15.56	....	15.97	15.60
10	13.58	....	....	9.35	11.42	11.69	13.35	14.61	....	15.73	15.72	15.74
15	13.18	....	7.27	e9.62	11.77	11.93	13.61	14.84	....	15.75	15.88	14.40
20	12.45	....	7.74	....	11.96	12.26	13.90	14.98	....	15.83	15.81	13.59
25	9.42	....	7.96	....	12.22	12.56	13.85	15.20	....	15.91	15.81	13.40
Eom	9.70	....	8.37	....	12.17	12.85	14.10	15.32	....	16.15	15.85	13.22

1960												
5	13.08	11.00	10.69	8.28	....	11.18	12.35	14.14	....	....	....	....
10	13.50	10.63	9.82	9.00	....	11.56	12.54	....	....	h16.42	14.34	....
15	....	10.85	7.62	9.40	....	11.77	....	14.55	....	16.53	16.05	....
20	....	11.03	....	9.86	....	12.14	....	....	....	16.69	15.67	....
25	....	10.95	7.14	9.99	10.43	12.54	13.41	....	....	16.76	15.62	....
Eom	11.33	10.82	7.63	10.35	10.91	12.31	13.83	....	....	16.88	15.34	....

1961												
5	....	12.47	6.62	....	7.26	9.39	11.09	12.47	....	15.54	16.13	12.88
10	12.37	11.65	5.41	....	5.84	9.31	11.47	12.81	....	15.70	16.14	10.74
15	12.07	11.32	5.55	....	6.75	9.39	11.66	13.07	....	15.88	16.23	9.22
20	....	11.27	6.24	....	7.59	9.55	11.86	13.20	....	16.03	15.62	7.23
25	....	7.20	6.59	....	7.92	10.16	12.06	13.31	....	16.18	13.04	7.46
Eom	....	7.01	6.48	....	8.69	10.68	12.34	13.94	....	16.24	12.80	8.06

1962												
5	8.18	6.68	4.46	4.95	6.66	10.57	12.56	14.48	15.92	16.02	16.57	....
10	8.22	7.15	4.32	5.47	7.53	10.97	12.87	14.82	16.06	16.21	16.66	....
15	8.17	7.45	5.00	4.41	8.30	11.34	13.17	....	16.01	16.20	16.60	....
20	7.66	7.58	5.44	5.99	8.96	11.69	13.57	....	15.37	16.25	16.77	17.06
25	5.76	6.27	5.02	6.77	9.61	11.95	13.94	15.57	15.58	16.42	....	e17.13
Eom	6.02	3.78	4.54	7.29	10.51	12.18	14.25	15.80	15.83	16.48	....	e17.15

e Estimated.

h Tape measurement.

360200N0892801.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e17.18	17.47	17.32	14.88	15.57	14.98	e15.62	e16.50	16.83	17.93	18.38	18.49
10	17.22	17.49	16.34	14.89	15.61	15.09	e15.72	e16.68	16.86	18.10	18.39	18.57
15	17.26	17.49	15.63	15.03	15.71	15.28	e15.80	16.86	17.14	18.24	18.43	18.53
20	e17.31	17.52	14.98	15.19	16.29	15.29	e15.93	16.97	17.21	18.35	18.43	18.54
25	e17.35	17.56	14.77	15.63	16.58	e15.33	16.14	17.09	17.35	18.45	18.44	18.55
Eom	e17.39	17.58	14.75	15.63	15.10	e15.44	e16.32	17.10	17.68	18.44	18.47	18.57

e Estimated.

360600N0891500.2. Local number Dy:J-4. City of Newbern. Drilled unruled artesian well in sand of Jackson (?) Formation of late Eocene age, diam 8 in, depth 260 ft, cased to 234, screened 234-260. Lsd 375 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 75.30 below lsd, July 5, 1962; lowest 78.65 below lsd, Jan. 30, 1961. Records available: 1959-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	77.62	77.43	77.56	77.92	78.10	78.08	78.14	78.08
10	77.44	77.29	77.39	77.74	77.87	78.13	.....	78.15
15	77.89	77.56	77.45	77.61	77.59	77.72	78.01	77.82	.....	78.24	78.30
20	78.10	77.48	77.18	77.40	77.63	77.74	77.98	78.13	.....	78.05	78.37
25	77.73	77.42	77.30	77.54	77.63	77.78	78.16	77.98	77.88	78.00	78.29
Eom	77.56	77.34	77.26	77.33	77.78	77.98	77.91	77.95	78.24	78.37	78.35

1960

5	78.32	77.82	78.32	77.76	77.52	77.62	77.57	77.90	78.13	77.96	.....	.....
10	78.15	77.73	77.89	78.02	77.50	77.73	77.60	77.85	77.96	78.18	78.29	.....
15	.....	78.31	77.81	77.71	77.60	77.50	.....	.....	78.03	78.13	78.03	.....
20	.....	78.30	.....	.....	77.61	77.65	.....	77.85	78.08	78.15	.....	.....
25	.....	77.77	77.91	77.56	77.70	77.70	77.70	78.03	78.10	78.06	.....	.....
Eom	78.07	78.25	77.60	77.55	77.75	77.62	77.71	78.09	78.02	.....	.....	.....

1961

5	78.32	78.49	78.01	.....	77.41	77.21	77.31	77.34	77.50	77.60	77.73	77.61
10	77.89	78.27	78.27	.....	77.48	77.04	77.29	77.53	77.48	77.56	77.56	77.56
15	.....	78.36	77.89	.....	77.33	77.30	77.19	77.57	77.61	77.68	77.55	77.72
20	.....	78.32	78.00	.....	e77.51	77.09	77.12	77.34	77.42	77.49	77.75	77.75
25	.....	78.06	78.06	.....	.....	77.23	77.34	77.32	77.60	77.63	77.72	77.64
Eom	.....	78.24	77.56	.....	.....	77.37	77.39	77.42	77.51	77.58	77.70	77.51

1962

5	77.36	77.14	76.74	76.58	75.98	75.82	75.69	.....	76.08	76.06	76.28	76.20
10	77.91	77.25	76.59	76.33	75.95	75.89	75.82	.....	75.92	e76.17	76.25	76.44
15	77.44	77.06	76.71	76.35	76.21	75.82	75.75	.....	75.89	76.15	76.21	76.29
20	77.48	77.13	76.36	76.10	75.92	75.77	.....	e76.20	.....	76.12	76.24	76.39
25	77.22	76.87	76.43	76.00	75.99	75.74	.....	76.08	75.98	76.35	76.54	76.55
Eom	77.32	76.90	76.46	75.85	75.97	75.89	.....	76.08	e76.04	76.06	76.30	76.58

1963

5	76.44	76.67	76.85	76.79	76.89	77.04	77.30	77.60	e77.64	77.90	77.72	78.06
10	76.20	76.63	76.87	76.64	76.97	e77.10	77.28	77.58	e77.76	77.82	77.88	77.96
15	76.78	76.93	76.80	76.86	77.00	77.20	77.40	e77.66	e77.79	77.90	78.19	78.20
20	76.39	76.52	76.69	76.82	77.08	e77.16	77.37	77.58	77.63	77.83	78.00	78.34
25	76.74	76.69	77.00	76.93	76.94	e77.20	77.54	77.53	77.79	77.87	78.12	78.24
Eom	76.63	76.73	76.65	76.93	77.06	77.15	77.50	e77.70	77.77	77.84	78.04	78.33

e Estimated.

h Tape measurement.

Fayette County

352226N0893252.1. Local number Fa:W-1. Formerly 24:10-1. Tennessee Division of Geology and U. S. Geol. Survey. Near Braden. Drilled observation artesian well in sand of Wilcox Group of early Eocene age, diam 6 to 4 in, depth 1,025 ft, cased to 1,008, screened 1,008-1,025. Lsd 317.50 ft above msl. MP top of casing, 3.70 ft above lsd. Highest water level 64.89 below lsd, Aug. 31, 1949; lowest 74.10 below lsd, Dec. 30, 1963. Records available: 1949-63. For additional information, see Bingham (1963).

352226N0893252.1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	70.47	70.21	69.90	69.94	70.03	70.09	70.22	.....	.....	.....	71.17	71.10
10	70.28	70.21	69.91	70.00	69.99	70.06	70.23	h70.34	h70.56	70.83	71.08	71.20
15	70.04	70.04	70.00	70.03	70.10	70.06	70.34	.....	.....	70.88	71.14	71.09
20	69.99	70.21	69.98	69.93	70.06	70.14	70.35	.....	.....	70.90	71.05	71.11
25	70.19	70.02	69.93	69.97	70.08	70.12	.....	.....	.....	70.81	71.04	71.13
Eom	70.22	69.94	69.87	69.94	70.02	70.20	.....	.....	.....	71.05	71.22	71.10

1960

5	71.13	70.95	71.28	71.14	71.08	71.23	71.30	71.55	71.70	71.86	72.08	72.12
10	71.06	71.06	71.07	71.33	71.03	71.31	71.34	71.57	71.75	71.84	72.13	72.09
15	71.07	71.15	71.03	71.18	71.12	71.24	71.45	71.68	71.72	71.86	72.02	72.11
20	71.17	71.25	71.19	71.21	71.14	.....	71.53	71.62	71.78	71.95	72.08	72.17
25	71.18	71.08	71.18	71.12	71.14	71.38	71.42	71.55	71.83	71.93	72.06	72.20
Eom	71.06	71.26	71.01	71.14	71.22	71.27	71.49	71.66	71.87	71.85	72.23	72.04

1961

5	72.15	72.25	71.94	71.80	71.72	71.73	71.88	71.98	72.21	72.49	72.73	72.65
10	72.21	72.09	72.05	71.80	71.71	71.61	71.92	72.08	72.21	72.50	72.61	72.57
15	72.06	72.15	71.93	71.62	71.71	71.72	71.82	72.11	72.36	72.64	72.57	72.65
20	72.12	72.12	71.97	71.74	71.77	71.62	71.80	72.14	72.32	72.61	72.74	72.57
25	72.34	71.98	71.97	71.71	71.67	71.76	71.90	72.15	72.43	72.77	72.61	72.59
Eom	72.26	72.06	71.70	71.75	71.78	71.83	71.95	72.16	72.40	72.66	72.66	72.59

1962

5	72.40	72.58	72.51	72.39	72.24	72.30	72.41	72.63	.....	72.72	.....	73.01
10	72.81	72.55	72.40	72.29	72.23	72.39	72.49	72.73	72.90	72.82	.....	73.12
15	72.67	72.44	72.46	72.41	72.37	72.39	72.53	72.80	72.77	72.86	.....	73.08
20	72.61	.....	72.31	72.33	e72.38	72.39	72.58	72.83	72.75	72.80	72.95	73.09
25	72.37	72.51	72.27	72.28	e72.39	72.42	72.65	72.84	72.70	.....	73.13	73.20
Eom	72.55	72.56	72.23	72.21	72.40	e72.47	72.83	72.67	72.67	.....	73.06	73.16

1963

5	73.10	73.16	72.85	72.95	72.82	72.84	73.00	73.26	73.45	73.89	73.97	.....
10	72.94	73.03	72.95	72.80	72.80	72.82	73.04	73.30	73.52	73.93	74.07	.....
15	73.24	73.16	72.97	72.90	72.85	72.93	73.04	73.40	73.67	74.00	.....	.....
20	73.08	72.95	72.86	72.84	72.96	72.81	73.09	73.41	73.66	73.99	.....	74.09
25	73.26	73.00	72.90	72.91	72.96	72.99	73.19	73.44	73.79	74.02	.....	74.06
Eom	73.15	72.97	72.90	72.84	72.80	73.00	73.18	73.44	73.86	74.05	.....	74.09

e Estimated.

h Tape measurement.

352226N0893252.2. Local number Fa:W-2. Formerly 24:10-2. Tennessee Division of Geology and U. S. Geol. Survey. Near Braden. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam 6 to 4 in, depth 365 ft, cased to 345, screened 345-365. Lsd 317.20 ft above msl. MP top of casing, 4.20 ft above lsd. Highest water level 37.25 below lsd, Mar. 10, 1952; lowest 41.68 below lsd, Dec. 30-31, 1963. Records available: 1949-63. For additional information, see Bingham (1963).

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	40.66	40.21	39.81	39.93	39.95	40.00	40.04	.....	.....	.....	40.67	40.56
10	40.51	40.23	39.91	39.97	39.89	39.97	40.05	h40.21	h40.30	40.47	40.58	40.66
15	40.20	40.13	39.99	39.98	40.00	39.97	40.13	.....	.....	40.49	40.66	40.58
20	40.17	40.21	40.02	39.86	39.96	40.02	40.16	.....	.....	40.51	40.54	40.62
25	40.33	39.99	39.91	39.91	39.99	40.00	.....	.....	.....	40.42	40.55	40.59
Eom	40.36	39.87	39.85	39.88	39.93	40.05	.....	.....	.....	40.61	40.70	40.62

1960

5	40.58	40.21	40.47	40.12	40.05	40.14	40.20	40.43	40.55	40.62	40.77	40.67
10	40.53	40.14	.....	40.27	39.99	40.20	40.23	40.44	40.59	40.65	40.78	40.66
15	40.51	40.50	.....	40.11	40.06	40.14	40.33	40.52	40.55	40.64	40.67	40.61
20	40.67	40.50	.....	40.12	40.07	.....	40.42	40.49	40.60	40.71	40.72	40.65
25	.....	40.24	.....	40.06	40.07	40.27	40.33	40.43	40.63	40.67	40.68	40.70
Eom	40.42	40.51	.....	40.08	40.14	.....	40.38	40.53	40.65	40.69	40.83	40.55

1961

5	40.67	40.69	40.22	40.01	39.93	39.91	40.06	40.17	40.36	40.57	40.73	.....
10	40.69	40.50	40.33	40.02	39.92	39.82	40.09	40.25	40.36	40.57	40.63	.....
15	40.47	40.54	40.15	39.76	39.87	39.94	40.01	40.27	40.50	40.68	40.63	.....
20	40.56	40.53	40.22	39.97	39.96	39.86	40.02	40.28	40.41	40.62	40.76	40.51
25	40.77	40.26	40.25	39.88	39.87	39.98	40.10	40.29	40.50	40.75	.....	40.49
Eom	40.66	40.36	39.93	.....	39.95	40.05	40.16	40.31	40.50	40.65	.....	40.45

h Tape measurement.

352226N0893252.2--Continued.

1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	40.23	40.11	40.06	39.94	39.81	39.85	40.00	40.24	.....	40.47	40.68	40.67
10	40.69	40.01	39.90	39.79	e39.86	39.94	40.08	40.32	40.50	40.58	40.64	40.77
15	40.46	40.02	39.99	39.92	e39.89	39.95	40.11	40.38	40.38	40.54	40.60	40.71
20	40.40	.....	39.86	39.82	e39.89	39.96	40.16	40.40	40.46	40.51	40.63	40.70
25	40.17	40.20	39.82	39.82	e39.90	40.00	40.19	40.42	40.41	40.67	40.77	40.78
Eom	40.11	40.19	39.78	39.73	39.91	40.03	.....	40.43	40.45	40.56	40.69	40.77
1963												
5	40.72	40.80	40.64	40.68	40.68	40.65	40.82	41.06	41.20	41.41	41.44	41.51
10	40.61	40.72	40.77	40.59	40.67	40.61	40.90	41.06	41.22	41.40	41.53	e41.44
15	40.87	40.93	40.81	40.71	40.71	40.73	40.90	41.16	41.35	41.44	41.50	.....
20	40.72	40.84	40.65	40.64	40.78	40.63	40.90	41.16	41.32	41.45	41.45	41.56
25	40.87	40.81	40.66	40.74	40.78	40.80	41.00	41.16	41.39	41.45	41.50	41.48
Eom	40.78	40.78	40.67	40.66	40.64	40.84	41.00	41.19	41.41	41.52	41.52	41.68

e Estimated.

Henderson County

353821N0882339.1. Local number He:J-5. City of Lexington. Drilled unused artesian well in Coffee Sand of Late Cretaceous age, diam 8 to 6 in, depth 491 ft, cased to 412, screened 412-433, 471-491. Lsd 480 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 77.95 below lsd, Apr. 12, 1962; lowest 79.38 below lsd, Oct. 30, 1963. Records available: 1957-63.

Lowest water level for the day, from recorder graph, 1957

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	78.49	78.60	78.84	h78.97	78.80	78.77	78.56
10	78.66	78.52	78.74	78.86	78.96	78.85	78.78	78.43
15	78.66	78.58	78.74	78.86	78.80	78.85	78.43	78.54
20	78.54	78.64	78.79	78.81	78.75	78.80	78.48	78.39
25	78.54	78.59	78.80	78.96	78.77	78.77	78.48	78.47
Eom	h78.64	78.58	78.61	78.79	79.02	78.78	78.79	78.59	78.51

1958

5	78.59	h78.29	.....	78.24	78.15	78.36	78.41	.....	.....	.....	.....	.....
10	78.53	78.46	h78.28	h78.18	78.12	78.33	.....	.....	.....	.....	.....	.....
15	78.50	78.41	78.39	.....	78.21	78.35	h78.24	.....	.....	.....	.....	.....
20	78.50	78.46	78.37	.....	78.20	78.39	.....	.....	.....	.....	.....	.....
25	78.41	78.47	78.32	h78.15	78.19	78.37	.....	.....	.....	.....	.....	.....
Eom	78.37	78.35	78.27	78.19	78.27	78.37	.....	.....	.....	.....	.....	.....

1959

5	.....	.....	.....	78.35	78.35	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	78.35	78.39	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	78.38	78.39	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	78.37	78.22	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	h78.26	78.33	78.29	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	78.31	78.25	.....	.....	.....	.....	.....	.....	.....	.....

1960

5	78.30	78.36	78.44	78.26	.....	78.39	78.58	78.77	.....	78.94	79.02	78.88
10	78.31	78.26	78.29	78.38	.....	.....	78.60	78.79	.....	78.92	78.96	78.84
15	78.45	78.46	78.32	78.34	.....	.....	78.67	78.82	78.85	78.96	78.88	78.80
20	78.32	78.46	78.31	78.36	78.24	.....	78.70	78.83	78.90	78.99	78.88	.....
25	78.30	78.37	78.33	78.27	78.32	78.57	78.68	.....	78.89	78.99	78.88	.....
Eom	78.45	78.49	78.21	78.32	78.40	78.54	78.70	.....	78.89	78.86	78.91	.....

1961

5	78.84	.....	.....	78.40	78.40	78.47	78.64	78.67	.....	.....	.....	.....
10	78.87	.....	.....	78.42	78.40	78.36	78.62	.....	.....	.....	.....	.....
15	78.68	.....	.....	78.25	78.39	78.45	.....	.....	.....	.....	.....	.....
20	78.73	.....	.....	78.40	78.49	78.45	.....	.....	.....	.....	78.92	78.60
25	.....	.....	.....	78.34	78.38	78.53	.....	.....	h78.98	h78.93	78.82	.....
Eom	h78.72	h78.53	h78.35	78.44	78.49	78.62	78.68	78.74	.....	.....	.....	.....

1962

5	.....	.....	78.24	78.21	78.14	78.35	78.35	78.55	78.76	78.73	78.90	78.83
10	.....	78.43	78.17	78.14	78.18	78.31	78.42	78.62	78.74	78.81	78.88	78.91
15	78.58	78.40	78.22	78.16	78.30	78.30	78.47	78.66	78.67	78.83	78.90	78.87
20	.....	78.43	.....	78.20	78.38	78.28	78.46	.....	78.74	78.81	78.89	78.89
25	78.25	78.26	78.15	78.17	78.39	78.27	78.48	78.76	78.72	78.81	78.94	78.93
Eom	78.44	78.13	78.09	78.17	78.41	78.34	78.54	78.77	78.75	78.83	78.88	78.93

h Tape measurement.

353821N0882339.1--Continued.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	78.88	78.90	78.73	78.73	78.65	78.67	78.82	78.99	79.09	79.28	79.28	79.24
10	78.80	78.83	78.71	78.66	78.70	78.69	78.86	78.98	79.15	79.30	.....	79.26
15	78.97	78.92	78.70	e78.73	78.72	78.77	78.83	79.06	79.19	79.34	.....	79.30
20	78.90	78.79	78.63	e78.80	78.80	78.72	78.88	79.08	79.17	79.32	.....	79.23
25	78.95	78.83	78.65	78.76	78.84	78.81	78.95	79.08	79.26	79.33	.....	79.12
Eom	78.90	78.82	78.71	78.64	78.63	78.77	78.92	79.08	79.25	79.34	.....	79.27

e Estimated.

Henry County

361800N0882000.1. Local number Hy:J-4. Formerly 40:1-5. Paris Board of Public Utilities. Fentress and West Blythe Sts. Drilled unused artesian well in sand of Ripley Formation of Late Cretaceous age, diam 8 in, depth 425 ft, cased to 375, screened 375-425. Lsd 510 ft above msl. MP top of casing, at lsd. Highest water level 94.13 below lsd, May 2, 1956; lowest 130.32 below lsd, Nov. 27, 1953. Records available: 1945, 1947-63. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1959	110.21	Dec. 3, 1959	107.29	Mar. 2, 1961	109.78	May 14, 1962	111.80
17	110.90	31	107.29	31	107.09	June 14	109.39
31	110.21	Jan. 28, 1960	108.80	May 2	110.35	July 12	109.80
Feb. 21	110.30	Feb. 25	105.96	June 2	112.85	Aug. 21	112.13
Mar. 21	110.23	Mar. 25	108.29	30	112.58	Sept. 26	108.75
May 2	111.65	Apr. 21	109.58	Aug. 1	111.07	Oct. 24	108.22
16	109.13	May 20	110.90	31	114.74	Nov. 19	106.23
30	109.04	June 22	113.66	Sept. 28	114.86	Dec. 18	108.01
June 13	109.53	July 21	113.99	Oct. 24	110.04	Feb. 4, 1963	110.44
24	109.26	Aug. 18	113.33	Nov. 21	109.55	Apr. 3	108.17
July 8	108.84	Sept. 13	112.86	Dec. 19	111.09	May 7	109.02
23	102.72	Oct. 13	112.44	Jan. 18, 1962	111.20	June 7	107.20
Aug. 5	104.63	Nov. 9	109.65	Feb. 23	106.43	July 17	105.24
19	103.38	Dec. 8	117.34	Mar. 21	107.30	Aug. 6	110.05
Oct. 8	103.18	Jan. 5, 1961	107.50	Apr. 18	106.85	Oct. 2	104.22
Nov. 4	104.85	Feb. 2	109.49				

Madison County

353726N0884836.1. Local number Md:G-45. Piggly Wiggly Co. Jackson. Drilled unused artesian well in sand of Wilcox Group of early Eocene age, diam 6 in, depth 133 ft, cased to 112, screened 112-133. Lsd 435 ft above msl. MP top of recorder-house floor, 3.80 ft above lsd. Highest water level 62.22 below lsd, Dec. 3-4, 1958; lowest 68.44 below lsd, Sept. 13, 1963. Records available: 1958-63.

Lowest water level for the day, from recorder graph, 1958

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	62.43	62.47
10	62.47	62.42
15	62.39	h62.44
20	62.40	62.52
25	62.37	62.46
Eom	62.44	.....	62.40

1959

5	62.48	62.64	62.50	.....	62.86	63.27	63.42	63.81	63.95	64.17	64.36	64.23
10	62.51	62.68	.....	.....	62.96	63.32	63.43	63.84	64.01	64.24	64.20	64.24
15	.....	.....	.....	.....	63.12	63.35	63.48	63.89	64.01	64.29	64.20	64.25
20	.....	.....	.....	62.63	63.15	63.41	63.56	63.93	64.07	64.31	64.24	64.26
25	.....	62.54	.....	62.68	63.18	63.47	63.74	.....	64.08	64.34	64.31	64.27
Eom	62.55	62.54	.....	62.70	63.22	63.50	63.77	.....	64.15	64.28	64.27	64.26

1960

5	64.24	64.33	64.42	64.45	64.48	64.84	.....	65.27	65.43	.....	.....	.....
10	64.23	64.43	64.41	64.44	64.50	64.91	.....	65.28	65.46	.....	.....	66.02
15	64.30	64.37	64.32	64.53	64.53	64.94	.....	65.30	65.52	65.74	.....	66.10
20	64.29	64.40	64.46	64.39	64.65	.....	65.18	65.37	65.52	.....	.....	66.00
25	64.28	64.41	64.43	64.44	64.73	65.03	65.19	65.40	65.63	.....	.....	65.93
Eom	64.30	64.43	64.45	64.56	64.79	.....	65.25	65.42	.....	.....	.....	65.95

h Tape measurement.

353726N0884836. 1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	65.87	65.91	65.92	65.87	65.87	66.08	66.13	66.20	66.31	66.44	66.42	.....
10	65.89	.....	65.96	65.91	65.96	66.10	66.14	66.23	66.32	66.45	66.33	.....
15	.....	.....	65.90	65.91	66.02	66.13	66.15	66.24	66.38	66.48	66.30	.....
20	.....	.....	65.87	65.80	65.98	66.06	66.15	66.24	66.35	66.49	66.34	66.34
25	.....	.....	65.90	65.81	65.99	66.11	66.18	66.26	66.40	66.53	66.30	.....
Eom	.....	.....	65.87	65.77	66.04	66.12	66.18	66.29	66.41	66.44	.....	.....

1962												
5	.....	.....	.....	65.53	65.22	65.35	65.41	65.96	66.31	.....	66.25	66.01
10	.....	.....	.....	65.55	65.19	65.37	65.49	66.02	66.22	.....	66.25	66.01
15	66.22	.....	.....	65.56	65.64	65.35	65.60	66.06	66.23	.....	66.20	65.95
20	.....	h66.00	65.69	65.42	65.52	65.31	65.65	.....	66.32	.....	66.22	65.96
25	.....	.....	65.71	65.31	65.44	65.31	65.75	66.21	e66.15	66.19	66.13	65.96
Eom	.....	.....	65.60	65.32	65.37	65.33	65.81	66.31	.....	66.21	66.06	65.94

1963												
5	65.93	66.00	.....	66.24	66.45	66.80	67.21	67.73	68.36	68.31	68.15	68.04
10	66.01	66.04	.....	66.30	66.43	66.88	67.32	67.86	68.36	68.26	68.10	68.04
15	65.97	66.08	.....	66.27	66.48	66.90	67.29	68.00	68.36	68.23	68.09	68.07
20	66.02	66.22	.....	66.46	66.80	67.04	67.36	68.10	68.36	68.20	68.03	68.03
25	65.95	e66.40	66.22	66.44	66.72	67.05	67.51	68.23	68.31	68.19	68.01	68.02
Eom	66.01	.....	66.27	66.54	66.84	67.11	67.58	68.36	68.37	68.30	68.09	68.00

e Estimated.

h Tape measurement.

354226N0883747. 1. Local number MdN-1. Formerly 57:36-1. Tennessee Division of Geology and U. S. Geol. Survey. Near Claybrook. Drilled observation artesian well in sand of Ripley Formation of Late Cretaceous age, diam 6 to 4 in, depth 659 ft, cased to 639, screened 639-659. Lsd 562.70 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 124.50 below lsd, Mar. 10, 1952; lowest 129.13 below lsd, Nov. 15, 1963. Records available: 1949-63. For additional information, see Bingham (1963).

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	127.91	127.63	127.30	127.34	127.49	.....	.....	127.73	128.03	.....	128.11	.....
10	127.77	127.62	127.36	127.38	127.49	.....	.....	127.71	.....	.....	.....	.....
15	127.60	127.47	127.43	127.39	127.56	.....	127.61	.....	.....	.....	.....	.....
20	127.52	127.57	127.39	127.38	127.54	.....	127.66	.....	.....	.....	.....	.....
25	127.58	127.43	127.37	127.40	127.60	.....	.....	.....	.....	.....	.....	.....
Eom	.....	127.38	127.29	127.40	.....	.....	.....	.....	.....	.....	.....	.....

1960												
5	.....	127.70	127.80	127.59	127.63	127.81	127.88	128.27	.....	128.49	128.60	128.52
10	.....	127.66	127.64	127.71	127.58	127.90	127.95	128.30	.....	128.49	128.56	128.45
15	.....	127.81	127.63	127.65	127.66	127.87	128.03	128.33	128.41	128.50	128.49	128.35
20	127.89	127.86	127.66	127.67	127.64	.....	128.15	.....	128.45	128.56	128.49	128.40
25	127.89	127.70	127.65	127.60	127.68	128.00	128.13	.....	128.48	128.53	128.47	128.41
Eom	127.81	127.81	127.49	127.62	127.75	127.89	128.19	.....	128.49	128.44	128.51	128.28

1961												
5	128.32	128.31	128.02	127.86	127.84	127.96	128.05	128.21	128.40	128.55	128.63	128.38
10	128.37	128.30	127.98	127.86	127.84	127.78	128.09	128.29	128.43	128.56	128.57	128.25
15	128.19	128.24	127.92	127.71	127.85	127.86	128.08	128.31	128.51	128.66	128.56	128.25
20	128.25	128.22	127.97	127.79	127.95	127.85	128.08	128.32	128.49	128.61	128.54	128.13
25	128.39	127.99	127.97	127.77	127.89	127.95	128.13	128.31	128.54	128.74	128.42	128.11
Eom	128.34	128.02	127.76	127.87	128.01	128.04	128.19	128.33	128.59	128.68	128.43	128.11

1962												
5	127.95	127.96	127.70	127.62	127.52	127.65	127.70	128.01	128.17	128.17	128.31	128.23
10	128.21	127.94	127.62	127.54	127.52	127.61	127.75	128.08	128.17	128.24	128.30	128.27
15	.....	127.90	127.67	127.53	127.66	127.64	127.81	128.14	128.10	128.24	128.31	128.30
20	128.07	.....	127.62	127.52	127.68	127.67	127.92	128.16	128.14	128.20	128.28	128.25
25	127.87	127.80	127.59	127.52	127.68	127.64	127.92	128.22	128.13	128.34	128.30	128.23
Eom	127.95	127.73	127.50	127.47	127.72	127.68	128.00	128.21	128.16	128.26	128.27	128.30

1963												
5	128.24	128.29	127.96	127.98	.....	128.12	128.32	128.55	128.78	128.97	129.06	128.98
10	128.15	128.20	128.04	127.99	.....	.....	128.34	128.60	128.83	129.00	129.00	128.99
15	128.33	128.27	128.01	128.03	.....	.....	128.38	128.68	128.86	129.05	129.13	129.05
20	128.25	128.22	127.99	128.04	.....	128.21	128.39	128.70	128.86	129.04	129.08	128.98
25	128.33	128.21	127.96	128.13	128.13	128.30	128.48	128.75	128.94	129.05	129.00	128.87
Eom	128.27	128.18	128.00	128.05	128.08	128.31	128.46	128.76	128.92	129.10	129.01	129.03

e Estimated.

Shelby County

350515N0895536.1. Local number Sh:K-75. Formerly 79:8-86S. Memphis Light, Gas and Water Division. Willow Rd. and Getwell St. Drilled observation water-table well in terrace deposits, diam 6 in, depth 91 ft, cased to 81, screened 81-91. Lsd 260 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 21.28 below lsd, Apr. 2, 1950; lowest 44.29 below lsd, Nov. 23, 1963. Records available: 1948-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.82	30.88	29.91	29.45	29.48	30.90	32.53	33.92	34.40	35.12	35.49	35.42
10	30.73	30.71	29.88	29.59	30.05	31.21	32.60	34.19	34.57	35.18	35.35	35.71
15	30.55	30.47	30.13	29.50	30.08	.....	33.00	34.40	34.44	35.02	35.65	35.88
20	30.32	30.58	29.58	29.48	30.31	.....	33.29	34.46	34.80	35.08	35.51	35.77
25	30.49	30.11	29.57	29.31	30.31	32.06	33.48	34.64	34.94	35.07	35.42	35.72
Eom	30.61	30.22	29.44	29.28	30.50	32.32	33.67	34.40	35.08	35.20	35.34	35.97

1960

5	35.47	35.35	.....	35.15	34.79	35.13	h36.46	37.49	37.94	38.03	38.90	39.02
10	35.40	35.85	35.34	35.53	34.74	35.66	36.55	37.51	38.07	37.95	38.81	39.09
15	35.51	35.62	35.24	35.05	34.80	35.91	36.82	37.62	38.13	38.19	38.68	39.25
20	35.50	35.54	35.52	35.26	34.78	35.81	36.97	37.71	38.06	38.29	38.87	39.30
25	35.32	35.77	35.33	35.54	34.94	36.20	37.02	37.84	38.12	38.45	38.83	39.11
Eom	35.27	h35.78	35.17	.....	34.99	36.26	37.27	37.88	38.15	38.42	38.10	39.03

1961

5	39.16	39.31	39.58	39.56	39.49	39.24	39.66	39.88	40.15	40.25	e47.40	40.78
10	39.27	39.36	39.73	39.45	39.39	39.32	39.69	39.82	40.18	40.22	e47.50	e40.60
15	39.64	39.46	39.26	39.53	39.26	39.47	39.62	e39.88	40.40	40.42	47.43	.....
20	39.52	39.32	39.52	39.29	39.25	39.31	39.66	39.90	.....	40.48	47.51	.....
25	39.66	39.44	39.69	39.33	39.08	39.52	39.71	39.94	.....	40.40	47.57	.....
Eom	39.26	39.51	39.48	39.19	39.23	39.59	39.44	40.03	40.33	40.39	47.66	.....

1962

5	.....	41.00	40.99	40.90	39.14	40.29	40.82	41.13	41.50	41.68	41.92	42.03
10	.....	40.95	40.71	41.06	40.14	40.56	40.85	41.25	41.57	41.82	41.91	42.11
15	41.08	40.78	40.60	40.24	40.31	40.59	40.94	41.29	41.51	41.76	41.78	.....
20	41.02	40.98	40.22	39.98	40.28	40.66	41.00	41.37	41.73	41.69	41.68	42.10
25	40.84	40.90	40.32	40.14	40.47	40.66	41.06	41.35	41.59	41.92	41.94	42.18
Eom	40.92	41.07	40.23	40.02	40.31	40.77	41.10	41.38	41.56	41.82	41.96	42.17

1963

5	42.23	42.45	42.46	.....	42.03	.....	42.88	43.20	43.35	43.78	43.90	44.20
10	42.32	42.57	42.44	.....	42.42	42.81	42.98	43.25	43.44	43.82	44.01	44.26
15	42.43	42.50	42.42	.....	42.48	42.82	42.90	43.35	43.51	43.86	44.02	44.08
20	42.44	.....	42.43	.....	42.73	42.30	42.98	43.34	.....	43.87	44.03	44.16
25	42.32	42.60	42.06	42.06	42.52	42.39	43.13	43.41	43.60	44.00	.....	44.15
Eom	42.49	42.49	.....	42.33	.....	42.83	43.12	43.28	43.62	44.02	.....	44.22

e Estimated.

h Tape measurement.

351435N0900052.1. Local number Sh:O-1. Formerly 79:1-1. Memphis Light, Gas and Water Division. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam 6 in, depth 434 ft, cased to 424, screened 424-434. Lsd 228.70 ft above msl. MP top of casing, 4.30 ft above lsd. Highest water level 12.65 below lsd, Sept. 3, 1940; lowest 51.20 below lsd, Oct. 10, 1963. Records available: 1940-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	38.79	37.70	35.99	36.33	36.89	38.38	41.67	43.16	44.77	43.71	42.78	41.62
10	38.80	37.48	36.24	36.19	37.50	38.15	41.47	43.65	44.10	43.61	42.73	41.39
15	38.58	37.34	36.34	36.18	37.84	38.80	41.72	43.79	42.89	43.35	.....	41.16
20	38.86	37.24	35.98	36.10	37.91	40.22	42.13	43.72	42.68	43.16	42.21	40.95
25	38.90	36.50	35.97	36.19	.....	40.93	42.31	44.07	43.38	43.23	42.11	40.35
Eom	37.92	36.17	35.83	36.18	38.05	41.44	42.63	44.58	43.81	43.38	42.00	39.34

1960

5	39.08	39.66	38.18	38.60	37.32	38.69	40.32	42.74	44.92	44.97	44.28	42.14
10	39.19	39.64	38.59	37.95	37.28	39.45	39.91	43.06	44.61	45.05	44.11	43.16
15	39.44	39.74	38.64	36.95	37.58	39.53	40.50	43.46	44.96	44.02	43.86	43.24
20	39.41	39.39	39.15	36.54	37.34	40.23	41.14	43.55	44.67	43.75	43.79	43.27
25	39.24	38.98	38.80	37.66	.....	40.49	41.48	43.80	44.82	43.82	43.25	43.70
Eom	39.44	39.37	38.69	37.43	.....	40.59	42.13	44.47	44.85	44.05	43.06	42.83

351435N0900052.1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	42.88	44.02	41.52	38.98	39.13	39.75	42.74	44.64	46.20	46.23	46.16	44.49
10	43.17	43.92	41.08	39.26	38.91	40.20	42.92	44.62	46.21	46.43	45.54	44.83
15	43.60	44.06	39.80	39.00	37.44	40.75	43.23	45.03	46.48	46.93	45.16	44.86
20	43.72	43.40	38.57	38.84	36.22	40.93	43.48	45.48	46.34	46.87	45.39	44.00
25	43.81	42.80	38.30	38.96	36.36	41.21	43.84	45.69	46.15	46.47	44.71	44.01
Eom	43.60	42.35	38.62	39.07	38.80	41.95	44.12	45.86	46.36	45.73	44.20	42.90
1962												
5	42.90	42.00	40.40	37.59	39.88	43.76	44.29	45.84	48.23	47.92	47.57	45.34
10	43.63	41.79	38.90	37.16	40.51	43.91	44.36	46.41	48.18	47.92	47.24	45.44
15	43.20	41.87	38.54	37.60	41.37	43.98	44.41	46.93	48.11	48.19	47.07	45.59
20	43.58	42.34	38.00	37.44	42.05	43.90	44.65	47.64	48.11	48.17	46.82	46.21
25	43.13	42.09	38.14	37.61	42.95	43.83	44.64	47.94	48.02	48.03	.....	46.56
Eom	42.98	41.35	37.94	39.10	43.72	43.95	45.23	48.32	48.15	47.72	46.10	45.77
1963												
5	45.56	47.85	47.24	41.66	45.11	46.50	48.88	49.24	50.08	51.14	50.64	49.60
10	45.50	47.58	46.94	.....	45.31	46.91	48.65	49.26	49.96	51.23	50.48	49.51
15	46.39	47.60	45.00	.....	45.91	47.27	48.82	49.27	50.54	51.03	50.11	49.54
20	46.75	47.42	43.54	.....	46.52	47.42	48.91	49.58	50.58	51.03	50.01	49.69
25	46.95	47.51	41.96	.....	46.58	48.06	48.96	49.90	50.94	49.83	50.28	49.96
Eom	47.37	47.50	41.45	45.03	46.47	48.49	48.99	50.44	51.18	50.55	50.10	50.21

e Estimated.

350924N0900233.1. Local number Sh:O-124. Formerly 79:3-A. Memphis Light, Gas and Water Division. Fifth St. and Sycamore Ave. Unused work shaft connected to artesian wells in sand of Claiborne Group of middle Eocene age, diam 30 in, depth 98 ft, cased to 80. Lsd 229.70 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 19.09 below lsd, Apr. 1, 1933; lowest 73.4 below lsd, July 30-Aug. 1, 1954. Records available: 1927-33, 1936-63.

Lowest water level for the day, from recorder graph, 1959

Lowest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	57.8	56.8	55.6	56.8	59.2	64.1	70.4	71.6	70.9	70.4	66.2	62.9
10	59.1	56.7	55.2	57.2	61.7	65.2	70.5	71.9	69.2	70.8	65.8	62.6
15	59.8	57.7	56.1	56.2	62.5	67.0	70.8	71.9	68.4	69.6	....	61.8
20	58.9	56.5	55.8	55.7	62.4	69.9	71.2	71.6	69.3	68.4	....	61.7
25	58.8	55.5	54.0	55.8	63.4	70.8	71.4	71.2	....	68.1	64.3	61.2
Eom	57.6	56.0	55.2	56.8	63.6	70.8	71.4	71.3	70.43	67.2	62.5	....
1960												
5	57.62	60.6	59.8	58.4	61.8	64.5	67.2	71.7	71.5	69.5	67.2	64.1
10	59.0	60.3	59.7	59.3	60.7	66.4	68.3	71.9	71.1	69.1	66.6	64.3
15	59.4	60.0	59.2	59.3	....	66.1	70.7	71.5	70.3	68.9	65.9	64.1
20	59.0	60.3	60.3	58.6	....	66.2	70.7	71.4	69.9	68.3	64.9	64.3
25	58.5	....	60.3	60.3	63.1	67.7	70.9	71.2	70.1	....	65.7	....
Eom	59.8	59.2	59.7	62.2	63.9	67.7	71.5	71.2	69.7	67.4	64.5	63.3
1961												
5	62.8	63.8	61.9	57.6	60.3	62.9	69.0	70.4	71.7	70.3	67.1	65.6
10	63.1	63.8	61.2	58.2	59.8	64.2	69.9	70.8	71.6	69.6	66.1	66.7
15	63.9	64.0	59.5	58.9	59.9	65.2	70.1	69.3	71.5	70.3	64.8	66.3
20	63.5	64.4	58.5	58.3	59.5	64.1	69.9	71.1	70.8	69.4	65.4	65.5
25	62.7	63.5	58.2	59.6	59.8	65.6	70.0	71.4	70.8	68.8	65.9	64.7
Eom	63.0	62.7	58.8	60.4	60.0	68.5	69.7	71.6	71.1	68.1	65.4	61.4
1962												
5	61.2	62.8	61.9	58.7	62.6	68.7	69.4	70.8	71.8	....	67.2	66.0
10	61.9	63.0	60.3	58.6	63.6	69.3	69.1	71.5	71.8	....	66.6	66.4
15	61.6	62.9	60.0	58.9	65.0	69.1	69.7	71.7	71.7	69.6	65.8	66.0
20	62.7	63.1	59.3	58.9	67.0	68.9	70.2	72.1	71.4	69.0	65.3	66.8
25	63.2	63.1	59.4	58.7	68.4	68.9	69.8	71.8	70.9	68.4	64.6	66.5
Eom	63.0	62.6	59.6	60.4	69.1	69.5	70.0	71.9	71.2	67.5	63.7	64.6
1963												
5	64.4	65.9	65.6	63.0	66.4	70.0	71.8	72.1	72.1	72.0	71.8	69.6
10	64.5	66.1	66.6	63.1	67.7	70.8	71.7	72.0	72.0	....	71.8	69.7
15	64.8	66.3	64.3	64.0	68.3	71.4	71.8	72.2	72.3	72.0	....	69.6
20	65.0	65.9	62.7	66.4	69.3	71.5	71.8	72.1	72.2	72.4	....	70.2
25	65.0	....	62.3	67.5	68.5	71.7	71.7	72.0	72.2	72.4	....	70.0
Eom	65.7	66.0	62.2	66.6	69.1	72.2	71.6	72.4	72.1	72.2	70.3	70.1

e Estimated.

h Tape measurement.

351325N0895357.1. Local number Sh:P-1. Formerly 79:1-2. Memphis Light, Gas and Water Division. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam 6 in, depth 344 ft, cased to 334, screened 334-344. Lsd 299.80 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 63.33 below lsd, Sept. 27, 1940; lowest 103.04 below lsd, Oct. 13-14, 1963. Records available: 1940-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	91.95	.....	90.96	90.80	91.62	.....	94.40	96.03	95.54	.....	94.68
10	91.68	91.79	.....	90.88	91.12	91.72	93.04	94.84	95.88	.....	.....	94.62
15	91.50	91.43	.....	90.87	91.40	91.78	93.01	95.14	95.47	95.62	.....	94.34
20	91.58	91.54	.....	90.71	91.33	92.41	93.30	95.20	95.32	95.60	94.93	94.20
25	91.92	91.32	.....	90.70	91.39	92.80	93.45	95.47	95.14	95.38	94.85	94.15
Eom	.....	91.14	h90.78	90.70	91.48	.....	93.91	95.74	95.44	95.44	94.98	.....

1960

5	.....	93.20	93.35	92.69	92.40	93.29	93.79	94.37	95.03	95.21	94.58	93.94
10	93.22	93.15	92.91	92.85	92.34	93.74	93.55	94.51	95.10	95.23	94.52	94.03
15	93.16	93.39	92.43	92.67	92.49	93.89	93.62	94.60	94.98	95.03	94.38	94.14
20	93.28	93.45	92.39	92.44	92.67	94.22	93.75	94.55	94.78	94.65	94.38	94.35
25	93.45	93.31	92.40	92.24	92.86	94.06	93.89	94.56	94.92	94.52	94.22	94.52
Eom	93.27	93.44	92.38	92.44	93.13	93.79	94.19	94.77	95.15	94.45	94.06	94.05

1961

5	94.04	94.76	94.32	93.15	92.78	93.03	94.41	95.71	e97.20	97.33	97.28	96.59
10	.....	94.73	94.14	93.36	92.92	93.38	94.41	95.85	.....	e97.48	97.26	96.67
15	.....	94.98	93.91	93.06	93.15	93.56	94.26	96.31	97.36	97.76	97.22	96.70
20	.....	94.88	93.74	93.07	93.00	93.87	94.39	96.69	97.23	e97.68	97.14	96.41
25	.....	94.26	.....	92.93	92.60	94.12	94.76	96.60	97.36	e97.58	96.93	96.71
Eom	h94.41	94.33	93.15	92.90	92.72	94.13	95.46	96.86	97.37	97.44	96.73	96.20

1962

5	96.03	96.09	95.26	93.88	93.93	96.40	96.78	97.40	99.33	99.51	96.37	98.61
10	96.17	95.97	94.86	93.54	94.30	96.72	96.41	97.66	99.38	99.66	96.36	98.49
15	96.14	e96.10	94.74	93.56	94.58	96.64	96.24	98.14	99.71	99.86	96.96	98.18
20	96.25	96.26	94.51	93.53	e95.00	96.98	96.35	98.55	99.66	99.75	96.09	98.30
25	95.99	e95.70	94.03	93.82	e95.60	97.09	96.49	98.90	99.71	99.95	96.20	98.49
Eom	96.16	e95.40	94.03	94.04	96.26	96.84	97.05	99.35	99.84	99.60	98.78	98.26

1963

5	98.36	99.28	99.86	98.26	98.60	100.05	101.42	101.83	102.37	102.96	102.49	101.87
10	97.96	99.40	.....	98.22	98.92	100.34	101.14	101.98	102.43	102.92	102.62	101.74
15	98.58	99.95	.....	98.33	99.21	100.77	101.02	102.25	102.72	102.99	102.40	101.67
20	98.77	100.05	.....	98.26	99.73	100.91	101.17	102.29	102.63	102.85	102.11	101.88
25	98.80	.....	.....	98.53	100.02	101.06	101.31	102.29	102.94	102.79	102.12	101.83
Eom	98.98	.....	98.35	98.51	99.68	101.41	101.58	102.72	102.95	102.60	101.83	102.27

e Estimated.

h Tape measurement.

350736N0895932.1. Local number Sh:P-76. Formerly 79:5-193. Memphis Light, Gas and Water Division. Central Ave. and Tanglewood St. Drilled unused artesian well in sand of Claiborne Group of middle Eocene age, diam 12 in, depth 488 ft, cased to 428, screened 428-488. Lsd 286.70 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 58.65 below lsd, Apr. 3, 1933; lowest 129.9 below lsd, Aug. 30, 1963. Records available: 1928-63. For additional information, see Bingham (1963).

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	109.2	110.6	109.8	109.5	111.3	113.3	115.9	119.8	120.1	119.0	116.5	114.1
10	110.8	109.1	108.7	109.8	112.5	113.5	116.6	119.4	119.2	119.4	h115.61	113.8
15	110.5	110.0	109.5	109.6	112.6	113.7	116.7	.....	118.8	118.5	115.6	113.0
20	110.8	110.4	110.2	109.0	111.6	116.3	117.8	119.7	.....	117.6	114.8	113.5
25	111.0	109.1	109.2	109.9	.....	115.9	118.6	119.6	.....	.....	114.8	112.9
Eom	110.8	110.0	109.2	110.8	112.8	116.1	119.0	119.4	h119.45	117.5	113.5	110.8

1960

5	110.6	112.4	.....	111.9	113.1	117.2	120.0	123.6	121.5	119.7	117.3	115.9
10	111.1	111.4	.....	112.4	113.1	118.8	121.0	124.2	122.2	119.3	117.4	116.2
15	111.3	112.2	.....	112.6	113.1	118.9	122.6	123.4	121.1	119.3	115.6	115.9
20	112.2	112.5	111.8	111.9	115.7	119.1	120.9	123.1	119.5	118.2	116.7	116.1
25	111.7	111.5	112.2	113.2	116.5	121.4	120.9	121.3	120.7	117.9	116.4	115.8
Eom	112.1	111.8	112.6	113.6	116.2	120.9	122.2	121.4	120.6	117.2	115.3	114.5

h Tape measurement.

350736N0895932. 1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	114.8	116.6	116.2	113.7	115.9	119.0	122.0	123.8	122.7	122.4	122.1	119.7
10	114.7	116.8	116.3	113.7	115.5	120.5	122.0	e123.5	124.1	122.5	121.6	119.9
15	115.7	117.2	115.7	114.5	115.6	120.1	122.4	.....	124.4	e123.3	120.3	120.1
20	116.3	116.4	114.6	114.6	116.4	119.7	122.4	e123.3	122.3	122.6	121.1	120.0
25	115.1	116.2	114.9	115.0	117.9	120.3	122.8	123.4	e123.2	122.0	120.6	119.4
Eom	116.3	116.2	114.8	115.4	117.2	123.1	122.3	124.3	123.7	121.8	119.6	118.1
1962												
5	118.7	119.3	117.2	116.6	118.4	123.5	122.6	125.3	125.4	123.0	121.0	118.9
10	119.4	119.3	117.6	116.6	119.8	124.0	121.8	126.8	124.8	123.0	121.1	118.4
15	120.5	119.2	117.7	116.6	120.4	123.6	122.6	127.7	125.5	122.5	.....	120.0
20	121.4	118.4	116.8	117.2	122.9	124.4	123.9	127.3	124.4	123.2	.....	120.9
25	120.2	118.4	117.2	117.5	124.4	123.8	124.6	128.8	.....	123.0	118.8	118.8
Eom	120.6	118.5	117.8	117.4	124.1	124.2	124.8	127.8	123.5	120.8	118.4	118.7
1963												
5	119.0	122.1	120.9	120.4	121.9	125.0	125.1	127.2	127.5	128.1	126.8	123.6
10	118.8	122.1	120.8	119.8	122.8	126.1	125.1	128.3	127.7	.....	125.9	122.7
15	119.9	122.2	120.2	120.2	124.1	128.0	125.3	129.3	128.5	127.8	125.1	123.7
20	120.1	120.0	119.2	121.4	124.9	126.6	126.2	128.0	128.2	128.2	124.9	124.5
25	119.6	121.3	118.5	122.0	125.0	126.0	126.8	128.7	128.8	128.7	124.9	123.2
Eom	121.4	121.6	119.4	121.2	.....	126.0	127.7	129.9	127.7	128.0	123.8	124.5

e Estimated.

e Estimated.

350859N0894759.1. Local number Sh:Q-1. Formerly 79:1-3. Memphis Light, Gas and Water Division. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam. 6 in, depth 384 ft, cased to 375, screened 375-384. Lsd 330.40 ft above msl. MP top of casing, 2.40 ft above lsd. Highest water level 74.08 below lsd, Dec. 27, 1940; lowest 90.27 below lsd, Dec. 19, 1963. Records available: 1940-63. For additional information, see Bingham (1963).

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	84.64	84.24	84.18	84.18	84.39	84.75	85.07	85.34	85.74	85.69	86.00	86.17
10	84.61	84.34	84.21	84.28	84.53	84.79	85.11	85.42	85.80	86.03	86.15	86.21
15	84.52	84.41	84.24	84.35	84.64	84.82	85.16	85.53	85.80	86.05	86.16	86.06
20	84.46	84.20	84.40	84.14	84.65	84.87	85.20	85.59	85.88	86.09	86.16	86.07
25	84.48	84.16	84.28	84.26	84.73	84.95	85.19	85.67	85.92	86.00	86.11	86.09
Eom	84.44	84.17	84.18	84.24	84.73	85.05	85.25	85.65	85.92	86.16	86.24	85.91
1960												
5	86.00	85.77	85.71	85.44	85.80	86.00	86.17	86.40	86.63	86.73	86.78	86.60
10	86.01	85.53	85.48	85.56	85.74	86.10	86.23	86.46	86.67	86.73	86.77	86.64
15	85.86	85.90	85.57	85.63	85.82	86.18	86.26	86.52	86.67	86.66	86.63	86.52
20	85.97	85.96	85.42	85.68	85.84	86.27	86.32	86.45	86.68	86.71	86.63	86.59
25	86.06	85.77	85.49	85.64	85.86	86.29	86.32	86.51	.....	86.64	86.59	86.61
Eom	85.90	85.82	85.28	85.70	85.95	86.19	86.31	86.56	86.74	86.52	86.73	86.51
1961												
5	86.59	86.73	86.14	85.82	85.74	85.89	86.31	86.57	87.03	87.28	87.46	87.25
10	86.63	86.59	86.20	85.81	85.70	85.95	86.33	86.67	87.07	87.2°	87.41	87.18
15	86.44	86.64	85.91	85.62	85.66	86.14	86.29	86.77	87.23	87.42	87.38	87.27
20	86.61	86.66	86.06	85.75	85.80	86.17	86.31	86.86	87.15	87.34	87.43	86.99
25	86.87	86.26	86.08	85.60	85.72	86.23	86.39	86.88	87.19	87.3^	87.39	86.92
Eom	86.70	86.26	85.81	85.80	85.87	86.25	86.50	86.95	87.26	87.40	87.35	86.85
1962												
5	86.75	86.50	86.30	86.42	86.30	86.84	87.24	87.53	87.95	88.0°	88.23	88.23
10	87.09	86.68	86.15	86.18	86.18	86.95	87.32	87.62	87.96	88.0°	88.23	88.35
15	86.72	86.58	86.38	86.32	86.39	87.01	87.34	87.71	88.00	88.15	88.27	88.33
20	86.70	86.73	86.30	86.24	86.50	87.07	87.44	87.80	87.99	88.18	88.24	88.34
25	86.59	86.69	86.31	86.25	86.61	87.15	87.45	87.86	88.02	88.2°	88.38	88.53
Eom	86.57	86.53	86.33	86.18	86.85	87.22	87.51	87.88	88.02	88.12	88.31	88.52
1963												
5	88.41	88.70	88.57	88.46	88.57	88.60	89.04	89.38	89.73	89.97	90.09	90.08
10	88.34	88.56	88.61	88.35	88.52	88.66	89.11	89.45	89.75	89.9°	90.06	90.05
15	88.66	88.72	88.47	88.52	88.55	88.66	89.18	89.53	89.79	90.04	90.17	90.19
20	88.45	88.50	88.30	88.47	88.65	88.82	89.23	89.58	89.83	90.07	90.16	90.26
25	88.72	88.67	88.43	88.57	88.79	88.89	89.24	89.63	89.86	90.13	90.05	.....
Eom	h88.54	88.62	88.39	88.48	.....	88.97	89.33	89.70	89.90	90.18	90.07	90.26

h Tape measurement.

352110N0895702.1. Local number Sh:U-1. Formerly 79:148-1D. T. D. Ervin. Sloan-ville. Drilled unused artesian well in sand of Wilcox Group of early Eocene age, diam 24 to 16 in, depth 1,558 ft, cased to 1,497, screened 1,497-1,558. Lsd 264.20 ft above msl. MP top of casing, 0.60 ft above lsd. Highest water level 33.20 below lsd, Apr. 21, 1947; lowest 55.98 below lsd, Dec. 25, 1963. Records available: 1946-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	48.15	47.09	46.64	47.34	47.61	47.78	48.37	48.63	49.46	50.08	50.58	.....
10	47.91	47.12	47.01	47.42	47.55	47.66	48.28	48.82	49.64	50.05	50.51	.....
15	47.60	47.20	47.25	47.44	47.73	47.89	48.27	48.96	49.61	50.03	50.60	.....
20	47.47	47.24	47.24	47.38	47.70	48.20	48.31	49.00	49.97	50.06	50.48	.....
25	47.65	46.90	47.28	47.45	47.75	.....	48.34	49.19	50.03	50.04	50.47	.....
Eom	47.28	46.73	47.21	47.38	47.68	48.46	48.52	49.20	50.09	50.48	.....	h50.19

1960

5	50.21	49.93	50.26	49.80	49.77	49.56	50.07	50.93	.....	52.20	52.47	52.13
10	50.14	50.03	49.97	49.68	49.69	49.80	50.05	50.87	.....	52.26	52.44	52.06
15	50.13	50.26	49.93	49.36	.....	49.91	50.27	50.94	51.68	52.32	52.21	51.94
20	50.23	50.20	50.20	49.28	49.44	50.13	50.65	50.95	51.85	52.46	52.23	51.85
25	50.02	49.94	50.18	49.24	49.38	50.21	50.75	51.15	51.97	52.35	52.19	51.87
Eom	49.91	50.19	49.83	49.66	49.57	50.16	50.85	51.33	52.12	52.22	52.40	51.55

1961

5	.....	51.13	49.92	49.45	50.01	50.32	51.25	51.33	52.43	52.81	52.51	53.01
10	51.36	50.96	49.89	49.73	50.06	50.48	51.41	51.60	52.46	52.86	53.30	53.03
15	51.04	50.92	49.45	49.76	.....	50.69	51.33	51.68	52.67	53.13	52.21	53.04
20	51.10	.....	49.20	49.85	49.26	50.46	51.26	51.82	52.64	53.09	52.47	52.74
25	51.25	.....	49.06	49.90	48.85	50.65	51.35	52.05	52.53	53.28	53.16	52.61
Eom	51.00	.....	48.87	50.02	49.70	50.92	51.19	52.14	52.60	53.23	53.06	52.49

1962

5	52.61	51.84	51.25	50.71	51.44	51.92	52.48	52.25	53.13	53.29	53.40	52.86
10	52.87	51.67	50.71	50.58	51.55	52.04	52.54	52.46	53.13	53.32	53.36	53.23
15	52.54	51.58	50.58	50.92	51.89	52.09	52.43	52.60	53.10	53.30	53.39	53.15
20	52.43	51.89	50.39	50.91	51.83	52.08	52.42	52.80	53.24	53.27	53.18	53.17
25	52.16	51.79	50.38	50.89	51.84	52.22	52.24	52.91	53.16	53.49	53.25	53.30
Eom	52.10	51.76	50.53	51.06	52.05	52.44	52.21	52.96	53.26	53.32	53.10	53.16

1963

5	52.87	52.29	52.05	.....	e52.36	.....	53.15	53.84	54.58	55.26	55.72	55.51
10	52.58	52.28	52.09	.....	e52.40	52.33	53.16	53.97	54.62	55.30	55.73	55.52
15	52.99	52.43	51.73	51.82	.....	52.50	53.12	54.24	54.81	55.49	55.93	55.64
20	52.80	52.18	.....	52.15	52.18	52.46	53.26	54.37	54.81	55.52	55.76	55.77
25	52.85	52.30	.....	52.16	52.34	52.83	53.45	54.38	54.98	55.61	55.75	55.98
Eom	52.61	52.24	.....	e52.35	52.28	52.99	53.61	54.56	55.15	55.62	55.77	55.48

e Estimated.

h Tape measurement.

352110N0895703.1. Local number Sh:U-2. Formerly 79:148-1S. T. D. Ervin. Sloan-ville. Drilled unused artesian well in sand of Claiborne Group of middle Eocene age, diam 18 to 12 in, depth 440 ft, cased to 360, screened 360-440. Lsd 268.76 ft above msl. MP top of casing, 1.60 ft (previously reported 0.60 ft) above lsd. Highest water level 39.55 below lsd (previously reported 40.55 below lsd), June 29, 1953; lowest 52.78 below lsd, Dec. 30, 1963. Records available: 1953-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	45.60	h44.53	.....	43.54	.....	43.28	45.44	.....	(j)	(j)	(j)	(j)
10	45.49	44.50	.....	43.58	43.77	44.31	e45.62	.....	(j)	(j)	(j)	(j)
15	45.23	44.31	43.78	.....	43.98	44.38	.....	.....	(j)	(j)	(j)	(j)
20	45.12	44.32	43.74	.....	43.96	44.68	.....	.....	(j)	(j)	(j)	(j)
25	44.22	.....	43.55	.....	45.11	44.90	.....	h46.86	(j)	(j)	(j)	(j)
Eom	.....	.....	43.49	.....	45.11	45.21	.....	(j)	(j)	(j)	(j)	(j)

1960

5	.....	46.16	46.16	.....	.....	.....	.....	47.64	48.27	.....	48.21	.....
10	.....	46.24	45.90	.....	.....	.....	.....	h46.87	47.81	48.27	49.30	48.19
15	.....	.....	.....	.....	.....	.....	.....	47.07	47.91	48.22	49.21	48.17
20	.....	.....	.....	.....	44.88	h45.63	.....	47.09	48.05	48.14	49.24	48.21
25	.....	46.02	.....	.....	.....	45.81	46.25	47.18	48.14	48.07	49.19	48.33
Eom	.....	46.16	.....	.....	.....	.....	.....	47.40	48.22	48.05	49.28	48.20

e Estimated.

h Tape measurement.

j Recorder out of order.

352110N0895703.1--Continued.

1961												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	48.19	48.57	47.44	45.46	45.30	.....	46.13	46.87	48.08	48.58	48.93	48.49
10	48.20	48.48	47.20	45.63	45.23	.....	46.45	47.09	48.21	48.67	48.81	48.47
15	48.11	48.52	46.80	45.45	44.96	.....	46.45	47.22	48.42	48.89	48.62	48.49
20	48.27	48.42	46.39	45.47	44.58	.....	46.53	47.39	48.42	48.94	48.82	48.11
25	48.47	47.92	45.96	45.33	.....	.....	46.74	47.45	48.42	49.06	48.59	47.97
Eom	48.43	47.82	45.33	45.41	.....	45.79	46.80	47.79	48.46	48.90	48.51	47.69
1962												
5	47.63	47.29	46.40	44.41	.....	46.47	47.05	47.80	49.22	49.59	50.09	49.70
10	48.09	47.07	45.87	44.12	.....	46.66	47.28	48.14	49.29	49.73	50.02	49.68
15	48.00	46.87	45.41	44.13	45.53	46.76	47.38	48.40	49.34	49.81	49.97	49.65
20	47.98	47.01	45.04	44.01	46.78	46.86	47.57	48.62	49.42	49.92	49.93	49.79
25	47.67	46.91	44.64	.....	46.05	46.94	47.62	48.92	49.44	50.14	49.92	49.90
Eom	47.64	46.74	44.42	.....	46.39	46.96	47.68	49.13	49.49	50.01	49.80	49.87
1963												
5	49.70	.....	50.46	47.99	.....	49.58	50.60	51.15	51.75	52.41	52.35	52.58
10	49.55	50.51	50.51	47.79	.....	49.76	.....	51.23	51.88	52.48	52.44	52.57
15	49.94	50.64	50.09	48.17	.....	.....	.....	51.37	51.99	52.58	52.62	52.57
20	49.99	50.50	.....	48.51	.....	.....	.....	51.40	52.01	52.58	52.46	52.66
25	50.12	50.55	.....	48.88	49.73	50.15	51.10	51.49	52.20	52.49	52.53	52.61
Eom	.....	50.56	.....	.....	49.44	50.37	51.10	51.74	52.31	52.39	52.58	52.65

e Estimated.

h Tape measurement.

Tipton County

352642N0894722.1. Local number Tp:E-3. Charles Smith. Drilled unlined artesian well in sand of Claiborne Group of middle Eocene age, diam 6 in, depth 496 ft, cased to 466, screened 466-496. Lsd 441 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 193.14 below lsd, Apr. 11, 1962; lowest 198.56 below lsd, Dec. 16, 1963. Records available: 1959-63.

Lowest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	193.64	194.21	194.55	194.90	195.16	195.38	.....
10	.....	.....	.....	.....	.....	193.54	194.34	194.60	194.92	195.15	195.37	.....
15	.....	.....	.....	.....	.....	193.60	194.27	194.81	194.97	195.16	195.47	.....
20	.....	.....	.....	.....	.....	193.73	194.30	194.81	195.20	195.15	195.39	.....
25	.....	.....	.....	.....	193.60	193.85	194.28	194.73	195.20	195.10	195.44	.....
Eom	.....	.....	.....	.....	193.56	193.95	194.44	194.63	195.17	195.38	195.56	195.16
1960												
5	195.12	194.71	194.77	194.50	194.16	194.29	.....	194.96	195.56	.....	196.19	196.09
10	194.98	.....	194.58	194.46	193.99	194.51	194.43	195.06	195.60	.....	196.14	196.10
15	195.00	.....	.....	194.44	194.19	194.29	194.66	195.37	195.78	.....	196.07	196.10
20	195.13	195.04	194.59	194.29	194.18	194.43	194.71	195.35	195.83	.....	196.14	196.18
25	.....	194.74	194.67	194.12	194.18	194.59	194.68	195.37	195.93	196.01	196.05	196.11
Eom	194.81	194.79	194.44	.....	194.27	.....	194.78	195.53	195.82	195.98	196.22	196.03
1961												
5	196.04	196.10	195.61	194.50	194.32	193.64	194.27	195.00	195.54	195.77	196.25	195.43
10	196.10	196.04	195.61	194.46	194.21	193.67	194.41	195.14	195.64	195.76	196.48	195.43
15	195.84	196.13	195.36	194.29	194.14	193.97	194.40	195.19	195.82	195.86	195.99	195.63
20	196.05	196.08	195.15	194.41	194.12	193.94	194.54	195.27	195.76	195.94	196.03	195.52
25	196.22	195.86	194.97	194.33	193.74	194.09	194.78	195.36	195.76	196.14	195.48	195.34
Eom	196.08	195.92	194.41	194.35	193.66	194.20	194.85	195.43	195.68	196.37	195.40	.....
1962												
5	.....	194.75	194.32	193.36	193.24	194.05	194.31	195.06	195.66	195.64	196.10	196.22
10	.....	194.87	194.02	193.22	193.43	194.24	194.53	195.07	195.62	195.81	196.20	196.50
15	.....	194.71	194.17	193.26	193.66	.....	194.71	195.30	195.65	195.72	196.29	196.29
20	195.08	194.65	193.78	193.36	193.79	.....	194.87	195.29	195.66	195.84	196.30	.....
25	194.82	194.52	193.52	193.23	193.94	.....	194.84	195.57	195.70	196.15	196.31	.....
Eom	195.03	194.32	193.43	193.29	194.04	194.34	194.95	195.52	195.61	196.01	196.36	.....
1963												
5	.....	196.30	196.34	195.96	196.12	196.44	196.68	197.27	197.73	198.04	198.12	198.44
10	.....	196.53	196.64	195.70	196.13	196.37	196.93	197.32	197.74	198.04	198.24	198.40
15	.....	196.69	196.62	195.67	196.26	196.65	196.96	197.44	197.76	198.14	198.50	198.52
20	.....	196.40	196.33	195.84	196.41	196.46	197.16	197.51	197.89	198.22	198.36	198.41
25	.....	196.44	196.25	196.17	196.30	196.64	197.27	197.66	198.98	198.33	198.32	198.20
Eom	.....	196.42	196.11	196.08	196.44	196.60	197.30	197.78	198.00	198.32	198.48	198.38

e Estimated.

h Tape measurement.

Williamson County

355505N0865411.1. Local number Wm:M-1. Formerly 94:1-1. Tennessee Division of Geology and U. S. Geol. Survey. Near Franklin. Drilled observation artesian well in Knox Dolomite of Late Cambrian and Early Ordovician age, diam 6 in, depth 1,160 ft, cased to 473. Lsd 712 ft (previously reported 725 ft) above msl. MP top of casing, 2.80 ft above lsd. Highest water level 84.21 below lsd, Mar. 16, 1952; lowest 114.81 below lsd, Jan. 31, 1950. Records available: 1950-63. For additional information, see Bingham (1963).

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	85.75	85.47	85.36	85.41	85.46	85.41	85.46	.....	85.38	.....	85.42	85.39
10	85.65	85.56	85.27	85.44	85.38	85.40	85.50	85.31	85.53	85.37	85.55	85.50
15	85.20	85.45	85.36	85.52	85.47	85.47	85.57	85.50	85.38	85.36	85.61	85.48
20	.....	85.70	85.53	85.37	85.50	85.46	85.55	85.46	.....	85.38	85.47	85.60
25	.....	84.44	85.39	85.44	85.47	85.44	85.46	85.40	.....	85.05	85.16	85.35
Eom	.....	85.29	85.29	85.37	85.38	85.50	85.46	85.43	85.43	85.49	85.65	85.39

1960

5	85.46	85.25	.....	85.38	85.44	85.50	85.36	85.54	85.37	85.31	85.49	85.51
10	.....	.....	85.44	85.67	85.25	.....	85.44	85.39	85.40	85.39	85.54	85.48
15	.....	.....	85.53	85.48	85.41	.....	85.42	85.53	85.40	85.38	85.46	85.34
20	.....	.....	85.53	85.51	85.43	.....	85.50	85.38	85.35	85.47	85.46	85.49
25	.....	.....	85.59	85.33	85.38	85.36	85.43	85.39	85.38	85.37	85.37	85.55
Eom	.....	.....	85.26	85.41	85.35	85.39	85.43	85.47	85.31	85.10	85.59	85.35

1961

5	85.49	85.60	85.26	85.24	85.42	85.38	.....	85.37	85.45	85.54	85.63	.....
10	85.58	85.33	85.39	85.36	85.43	85.27	85.53	85.52	85.44	85.51	85.48	.....
15	85.17	85.48	85.23	85.00	85.25	85.37	85.41	85.53	85.48	85.60	85.45	85.49
20	85.32	.....	85.34	85.42	85.45	85.26	85.31	85.44	85.41	85.34	85.63	85.32
25	85.70	.....	85.45	85.23	85.37	85.45	85.45	85.47	85.41	85.42	85.60	85.43
Eom	85.57	.....	85.15	85.45	85.50	85.48	85.45	85.37	85.46	85.45	85.60	85.37

1962

5	85.33	85.43	85.29	85.53	85.46	85.37	85.27	85.36	85.42	85.23	85.36	85.15
10	85.76	.....	85.16	85.30	85.34	85.45	85.33	85.39	85.43	85.35	85.34	85.33
15	85.49	85.30	85.33	85.43	85.59	85.37	85.35	85.47	85.32	85.34	85.41	85.38
20	85.50	85.49	.....	85.48	85.48	85.28	85.45	85.42	85.47	85.25	85.29	85.31
25	85.25	85.36	85.22	85.38	85.37	85.33	85.36	85.48	85.25	85.48	85.58	85.51
Eom	85.41	85.41	85.18	85.29	85.48	85.46	85.44	85.39	85.30	85.20	85.40	85.53

1963

5	85.38	85.45	85.16	.....	85.44	85.38	85.36	85.41	.....	85.48	85.36	85.46
10	85.10	85.22	85.33	.....	85.36	85.25	85.28	85.27	85.31	85.47	85.31	85.47
15	85.58	85.53	85.41	.....	85.38	85.35	85.23	85.39	85.43	85.48	85.64	85.79
20	85.28	85.13	.....	85.35	85.44	85.29	85.27	85.35	85.29	85.47	85.54	85.62
25	85.62	85.33	.....	85.53	85.54	85.53	85.38	85.30	.....	85.41	85.56	85.45
Eom	85.47	85.28	.....	85.43	85.43	85.38	85.39	.....	.....	85.46	85.50	85.75

e Estimated.

h Tape measurement.

Reference

Bingham, R. H., 1963, Summary of ground-water levels in Tennessee, 1952-61: *Jour. Tennessee Acad. Sci.*, v. 38, no. 4, p. 126-132.

VIRGINIA

By Charles R. Austin and Rodney Hart

The observation-well program in Virginia was continued during 1959-63. Beginning on July 1, 1957, it has been financed as a Federal project. Figure 11 shows the location of observation wells included in this report.

Well-Numbering System

Observation wells in Virginia are listed alphabetically by counties and serially within each county.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Accomack County

375600N0752800.1. Local number 8. U. S. Naval Air Station well. Near Chincoteague. Drilled unused water-table well in sand of Columbia Group of Pleistocene age, diam 8 in, depth 60 ft, cased with steel. Lsd 34.10 ft above msl. MP top of casing, 1.65 ft above lsd. Highest water level 22.01 below lsd, May 23, 1961; lowest 29.86 below lsd, Sept. 10, 1951. Records available: 1948-62. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1959	23.92	Aug. 31, 1959	23.12	Mar. 28, 1960	23.09	Mar. 13, 1961	23.63
12	24.31	Sept. 14	23.20	Apr. 18	22.91	20	22.55
19	24.29	21	23.24	May 2	22.92	Apr. 10	22.26
26	24.27	Oct. 5	23.31	9	22.85	24	22.07
Feb. 2	24.33	12	23.40	16	22.80	May 9	22.03
9	24.33	26	23.45	31	22.84	23	22.01
16	24.34	Nov. 2	23.43	June 20	23.76	June 6	22.02
24	24.33	23	23.57	July 5	22.85	Aug. 3	22.30
Mar. 2	24.35	Dec. 7	23.49	25	23.11	16	22.46
9	24.39	21	24.05	Aug. 15	23.17	23	22.54
16	24.40	28	23.44	Sept. 14	23.26	Sept. 7	22.66
30	24.43	Jan. 18, 1960	23.58	Oct. 17	23.01	13	22.74
Apr. 7	24.46	25	23.60	25	23.10	Dec. 6	23.21
20	24.23	Feb. 1	23.65	Nov. 28	22.81	28	23.04
May 18	23.94	8	23.55	Feb. 6, 1961	23.13	Feb. 21, 1962	23.85
Aug. 3	23.37	23	23.52	14	23.00	Dec. 5	22.59
10	23.24	29	23.45	20	23.94	28	22.74
25	23.17	Mar. 21	23.18	27	22.79	31	22.62

375600N0752800.2. Local number 8a. U. S. Naval Air Station well B31. Wallops Station. Drilled unused water-table well in sand of Columbia Group of Pleistocene age, diam 8 in, depth about 60 ft, cased with steel. Lsd 34.10 ft above msl. MP top of casing, 6.09 ft above lsd. Highest water level 17.82 below lsd, May 9, 1963; lowest 21.34 below lsd, June 20, 1963. Records available: 1963. May 9, 1963, 17.82; June 20, 21.34; July 24, 18.86; Sept. 9, 19.06; Oct. 9, 19.18.

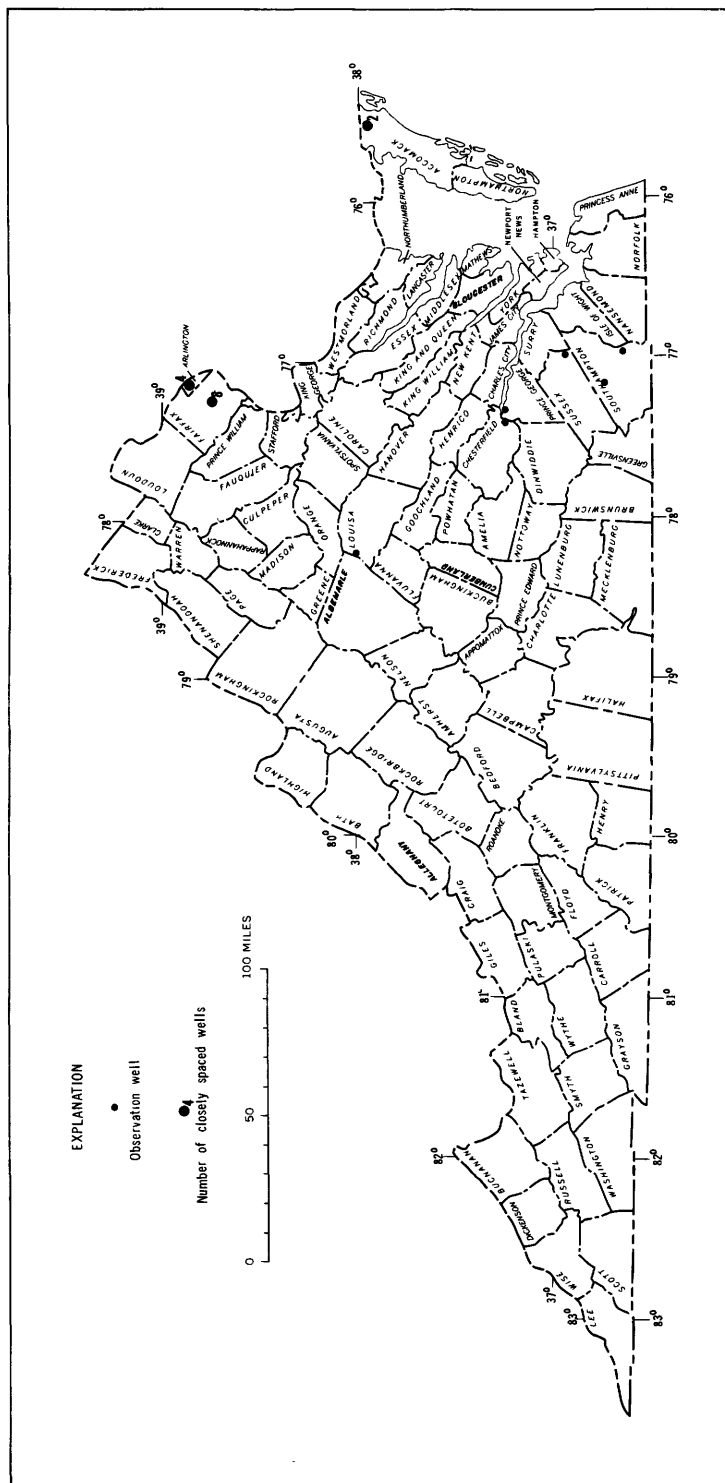


Figure 11. --Location of observation wells in Virginia, 1959-63.

Arlington County

385346N0770737.1. Local number 1. Arlington County School Dept. Langston School. 4854 Lee Highway, Arlington. Dug unused water-table well in Brandywine Formation of Pleistocene age and Bryn Mawr(?) Gravel of Pliocene(?) age, overlying the Sykesville Formation of Precambrian age, diam 24 in, depth 35 ft. Lsd 410 ft above msl. MP inner flange of manhole, at lsd. Highest water level 17.74 below lsd, Apr. 20, 1935; lowest 34.80 below lsd, Jan. 4, 1932. Records available: 1931-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1959	26.43	June 1, 1960	24.21	Sept. 1, 1961	24.04	Nov. 30, 1962	28.92
Feb. 27	26.34	30	24.53	Oct. 2	24.85	Jan. 3, 1963	29.21
Mar. 31	25.92	Aug. 2	25.39	31	25.75	Feb. 1	28.61
May 1	24.71	31	25.41	Nov. 30	26.75	Mar. 1	28.17
June 1	24.81	Sept. 28	25.83	Dec. 28	26.96	29	26.59
July 2	24.82	Oct. 31	26.80	Jan. 31, 1962	26.99	May 1	25.98
30	25.39	Dec. 1	27.54	Feb. 27	26.72	29	26.36
Aug. 31	26.33	28	28.25	Apr. 4	24.34	June 28	26.27
Sept. 30	27.24	Feb. 1, 1961	27.89	May 1	23.19	July 31	26.83
Nov. 3	27.89	Mar. 1	25.90	June 1	23.74	Aug. 30	27.49
Dec. 1	28.40	31	23.99	July 6	24.71	Oct. 2	28.25
31	28.57	Apr. 28	22.48	31	24.59	25	28.85
Feb. 1, 1960	27.91	May 29	22.10	Aug. 31	26.89	31	29.01
29	26.72	June 29	22.55	Oct. 2	27.89	Dec. 2	29.14
Mar. 31	25.33	July 30	23.46	31	28.58	30	28.83
May 4	24.23						

385346N0770519.1. Local number 2. Grace Jones. 1918 N. Wayne St., Arlington. Dug unused water-table well in terrace gravels of Recent age, diam 25 in, depth 28 ft. Lsd 235 ft above msl. MP top of terra cotta casing, 1.43 ft above lsd (since May 1, 1962). Highest water level 15.85 below lsd, May 20, 1933; lowest 25.42 below lsd, Mar. 21, 28, 1931. Records available: 1928-63.

Feb. 2, 1959	23.54	May 4, 1960	19.88	July 30, 1961	20.77	Oct. 31, 1962	23.85
27	23.15	June 1	20.14	Sept. 1	21.46	Nov. 30	24.07
Mar. 31	22.77	30	20.73	Oct. 2	22.20	Jan. 3, 1963	24.26
May 1	21.72	Aug. 2	21.54	31	22.82	Feb. 1	23.65
June 1	21.92	31	21.80	Nov. 30	23.32	Mar. 1	23.06
July 2	21.90	Sept. 28	22.05	Dec. 28	23.37	29	20.52
30	22.29	Oct. 31	22.74	Jan. 31, 1962	23.32	May 1	21.07
Aug. 31	22.60	Dec. 1	23.21	Feb. 27	22.76	29	21.75
Sept. 30	23.21	28	23.53	Apr. 4	19.76	June 28	21.82
Nov. 4	23.66	Feb. 1, 1961	22.97	May 1	19.38	July 31	22.20
Dec. 1	23.86	Mar. 1	19.42	June 1	20.23	Aug. 30	22.39
31	23.90	31	18.64	July 6	21.12	Oct. 2	22.97
Feb. 2, 1960	23.22	Apr. 28	17.75	31	21.92	25	23.37
29	21.53	May 29	18.75	Aug. 31	22.75	Dec. 2	22.82
Mar. 31	20.59	June 29	19.72	Oct. 2	23.39	30	22.85

385350N0770552.1. Local number 3. M. O. Sinclair. 2812 23rd St. N., Arlington. Drilled unused water-table well in Sykesville Formation of Precambrian age, diam 6 in, depth 48 ft. Lsd 225 ft above msl. MP top of flagstone, 0.70 ft above lsd. Highest water level 32.00 below lsd, May 29, 1961; lowest 39.80 below lsd, Nov. 30, 1962. Records available: 1958-63.

Jan. 30, 1959	35.59	May 4, 1960	34.01	July 30, 1961	33.54	Oct. 31, 1962	39.37
Feb. 27	35.26	June 1	33.70	Sept. 1	34.64	Nov. 30	39.80
Mar. 31	34.53	30	34.13	Oct. 2	35.60	Jan. 3, 1963	39.50
May 1	33.53	Aug. 2	35.49	31	36.43	Feb. 1	38.60
June 1	33.74	31	36.30	Nov. 30	36.83	Mar. 1	37.52
July 2	34.47	Sept. 28	37.12	Dec. 28	36.51	29	34.83
30	35.58	Oct. 31	37.90	Jan. 31, 1962	36.14	May 1	34.52
Aug. 31	36.73	Dec. 1	38.16	Feb. 27	35.50	29	34.52
Sept. 30	37.87	28	38.30	Apr. 4	33.20	June 28	34.72
Nov. 4	38.80	Feb. 1, 1961	37.64	May 1	32.55	July 31	35.97
Dec. 1	39.15	Mar. 1	34.80	June 1	32.92	Aug. 30	37.37
31	39.05	31	33.33	29	33.67	Oct. 2	38.59
Feb. 1, 1960	38.13	Apr. 28	32.26	July 31	35.05	31	39.73
29	36.37	May 29	32.00	Aug. 31	36.97	Dec. 2	39.66
Mar. 31	35.10	June 29	32.53	Oct. 2	38.44	30	38.74

385253N0770423.1. Local number 4. National Capitol Parks. Arlington National Cemetery. Dug unused water-table well in terrace gravels of Recent age and Potomac Group of Early and Late Cretaceous age, diam 4 ft, depth 50 ft. Lsd 205 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 41.39 below lsd, June 2, 1958; lowest 44.11 below lsd, Mar. 1, 1963. Records available: 1958-63.

385253N0770423.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1959	42.97	May 4, 1960	42.85	July 30, 1961	42.67	Oct. 31, 1962	43.75
Mar. 2	43.01	June 1	42.62	Sept. 1	42.99	Nov. 30	43.87
31	43.13	30	42.61	Oct. 2	43.26	Jan. 30, 1963	44.02
May 1	43.00	Aug. 2	42.80	31	43.33	Feb. 1	44.10
June 1	42.84	31	42.80	Nov. 30	43.53	Mar. 1	44.11
July 2	42.80	Sept. 30	42.52	Dec. 29	43.69	29	44.03
30	42.61	Oct. 31	42.54	Jan. 31, 1962	43.88	May 1	43.52
Aug. 31	42.33	Dec. 1	42.98	Feb. 27	43.93	June 5	43.27
Sept. 30	42.36	28	43.26	Mar. 30	43.82	28	43.27
Nov. 4	42.64	Feb. 1, 1961	43.57	May 1	43.36	July 31	43.49
Dec. 1	42.86	Mar. 1	43.67	June 1	43.09	Aug. 30	43.64
31	43.08	31	43.20	29	43.07	Oct. 2	43.62
Feb. 2, 1960	43.28	Apr. 28	42.63	July 31	43.35	25	43.75
29	43.36	May 31	42.37	Aug. 31	43.58	Dec. 2	43.93
Mar. 31	43.18	June 29	42.40	Oct. 2	43.06	31	44.08

Chesterfield County

371700N0772500.1. Local number 36. J. W. Jacot. Pilcher well, Matoaka Manor.

Drilled unused water-table well in Petersburg Granite of late Paleozoic age, diam 6 in, depth 139 ft, cased with steel. Lsd 57.30 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 11.76 below lsd, Aug. 30, 1955; lowest 19.26 below lsd, Dec. 3, 1963. Records available: 1939-63.

May 12, 1959	15.35	Aug. 9, 1960	16.60	Nov. 13, 1961	16.42	Dec. 10, 1962	17.03
June 23	16.39	Sept. 20	15.00	Jan. 8, 1962	14.29	Jan. 21, 1963	16.55
Aug. 3	16.55	Oct. 31	16.04	Feb. 13	14.08	Mar. 4	16.76
Sept. 14	17.28	Dec. 20	17.40	Mar. 27	13.18	Apr. 16	14.81
Dec. 7	14.48	Jan. 19, 1961	16.78	May 7	14.59	May 24	16.31
Jan. 18, 1960	12.13	Mar. 7	14.50	June 11	16.09	July 8	15.37
Mar. 1	13.67	Apr. 18	14.90	July 23	17.23	Aug. 12	15.14
Apr. 12	14.32	June 5	14.38	Aug. 27	16.59	Sept. 9	17.37
June 1	16.15	July 17	16.46	Oct. 2	17.22	Oct. 21	18.04
July 12	14.39	Oct. 2	17.68	Nov. 5	17.73	Dec. 3	19.26

Fairfax County

385152N0772113.1. Local number 1. Atwell Somerville. Fair Acres Farm. Northwest of Fairfax on U. S. Highway 50. Dug unused water-table well in Wissahickon Schist of early Paleozoic(?) age, diam 4 ft, depth 24 ft. Lsd 400 ft above msl. MP top of wood recorder platform, 5.05 ft above lsd (since Nov. 30, 1962). Highest water level 9.63 below lsd, Apr. 30, 1952; lowest 23.58 below lsd, Dec. 26, 1931. Records available: 1931-63.

Jan. 30, 1959	16.85	May 3, 1960	12.42	June 30, 1961	13.26	Nov. 30, 1962	16.74
Feb. 27	16.67	31	12.63	Sept. 1	15.06	Jan. 3, 1963	17.19
Mar. 31	16.21	July 1	13.35	29	15.61	Feb. 1	16.32
Apr. 30	14.69	Aug. 1	14.88	Oct. 30	15.91	Mar. 1	16.05
May 29	15.31	30	15.64	Dec. 1	16.41	31	14.45
July 2	16.35	Sept. 30	15.96	29	15.94	May 1	14.72
30	17.17	Oct. 31	16.47	Jan. 31, 1962	15.67	29	15.49
Sept. 1	17.77	Nov. 30	16.83	Feb. 27	14.72	June 28	15.70
29	17.66	Dec. 28	17.23	Mar. 30	13.11	July 31	16.47
Nov. 3	17.60	Feb. 1, 1961	16.13	May 1	12.70	Aug. 30	17.28
30	16.71	28	12.30	31	13.39	Oct. 2	17.89
Dec. 31	15.93	Mar. 29	11.68	June 29	14.15	31	18.36
Feb. 1, 1960	15.06	May 1	11.48	July 31	15.22	Dec. 2	17.15
Mar. 1	13.33	31	12.60	Aug. 31	16.24	30	17.12
Apr. 4	12.62						

385148N0772048.1. Local number 4. Swart. Northwest of Fairfax on U. S. Highway 50 at Difficult Run. Dug unused water-table well in alluvium of Recent age, diam 25 in, depth 11 ft. Lsd 350 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 0.21 below lsd, Apr. 7, 1939; lowest 3.83 below lsd, Sept. 25, 1936. Records available: 1932-61. Measurement discontinued Feb. 28, 1961; well demolished.

385148N0772048. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1959	1.68	Sept. 1, 1959	1.58	Apr. 4, 1960	1.54	Sept. 30, 1960	1.61
Feb. 27	1.68	29	2.30	May 3	1.53	Oct. 31	1.69
Mar. 31	1.64	Nov. 3	1.81	31	1.61	Nov. 30	1.69
Apr. 30	1.49	30	1.65	July 1	1.61	Dec. 28	1.65
May 29	1.88	Dec. 31	1.64	Aug. 1	1.54	Feb. 1, 1961	1.26
July 2	2.00	Feb. 1, 1960	1.65	30	1.84	28	1.29
30	1.45	Mar. 1	1.61				

384543N0771946. 1. Local number 5. Nellie Davis. South of County road 645 and 1 mi west of State road 123, Fairfax. Drilled unused water-table well in granite, diam 6 in, depth 56 ft. Lsd 360 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 18.69 below lsd, May 31, 1960; lowest dry, Oct. 2, 31, Nov. 30, 1962, Dec. 2, 1963. Records available: 1954-63

Feb. 1, 1959	25.00	Mar. 31, 1960	21.49	June 30, 1961	21.85	Oct. 2, 1962	(f)
26	24.14	May 3	20.50	July 30	23.69	31	(f)
Mar. 31	23.34	31	18.69	Sept. 1	24.81	Nov. 30	(f)
Apr. 30	22.06	July 1	21.50	29	25.27	Jan. 3, 1963	28.89
May 29	22.93	Aug. 1	24.45	Oct. 30	26.01	Feb. 1	27.51
July 2	25.11	30	25.80	Dec. 1	25.41	Mar. 29	24.42
30	26.51	Sept. 30	26.47	29	25.36	May 1	23.59
Sept. 1	27.67	Oct. 31	27.16	Jan. 31, 1962	24.00	29	24.78
29	27.80	Nov. 30	27.55	Feb. 27	23.53	June 28	25.22
Nov. 3	27.80	Dec. 28	28.16	Apr. 4	20.34	July 31	27.78
30	27.71	Feb. 28, 1961	23.35	May 1	19.80	Oct. 2	31.17
Dec. 31	26.29	Mar. 29	20.88	31	21.20	31	32.05
Feb. 1, 1960	24.52	May 1	19.52	July 31	25.72	Dec. 2	(f)
Mar. 1	22.80	31	19.80	Aug. 31	27.84	30	29.80

f Dry.

384518N0771635. 1. Local number 6. Sydenstricker Church. East of intersection of County roads 641 and 643, Springfield. Dug unused water-table well in granite, diam 24 in, depth 28 ft. Lsd 340 ft above msl. MP hole in cement platform, 0.67 ft above lsd (since Dec. 1, 1961). Highest water level 14.93 below lsd, May 1, 1962; lowest 24.96 below lsd, Dec. 2, 1963. Records available: 1957-63.

Feb. 1, 1959	20.05	May 3, 1960	17.03	Sept. 1, 1961	18.47	Nov. 30, 1962	23.66
26	19.31	31	16.13	29	18.95	Jan. 3, 1963	23.68
Mar. 31	18.45	July 1	16.75	Oct. 30	19.73	Feb. 1	22.99
Apr. 30	17.03	Aug. 1	18.71	Dec. 1	20.32	Mar. 1	22.26
May 29	17.23	30	19.75	29	19.79	29	20.67
July 2	18.80	Sept. 30	20.50	Jan. 31, 1962	18.97	May 1	19.71
30	20.14	Oct. 31	21.12	Feb. 27	16.78	29	19.70
Sept. 1	21.30	Nov. 30	21.41	Apr. 4	15.90	June 28	20.12
29	21.75	Dec. 28	21.85	May 1	14.93	July 31	21.91
Nov. 3	22.28	Feb. 28, 1961	19.20	31	15.38	Aug. 30	23.50
30	22.53	Mar. 29	17.35	June 29	16.79	Oct. 2	24.31
Dec. 31	22.11	May 1	15.82	July 31	18.74	31	24.92
Feb. 1, 1960	20.94	31	15.48	Aug. 31	20.87	Dec. 2	24.96
Mar. 1	19.67	June 28	16.27	Oct. 2	22.23	30	24.50
31	18.12	July 30	17.41	31	23.06		

385002N0771249. 1. Local number 7. H. L. Lane. 912 East Estabrook, Annandale. Drilled unused water-table well in Wissahickon Schist of early Paleozoic(?) age, diam 6 in, depth 111 ft. Lsd 270 ft above msl. MP top of casing, 6.20 ft below lsd. Highest water level 27.25 below lsd, June 2, 1958; lowest 37.44 below lsd, Jan. 3, 1963. Records available: 1957-63. Measurement discontinued Aug. 30, 1963; well filled in.

Feb. 2, 1959	32.39	Mar. 31, 1960	32.30	May 29, 1961	29.45	June 29, 1962	31.30
26	32.27	May 3	30.71	June 29	30.06	July 31	32.53
Apr. 1	31.91	31	30.70	July 30	30.85	Aug. 31	33.88
May 1	31.42	July 1	31.08	Sept. 1	31.88	Oct. 2	35.28
June 1	31.83	Aug. 2	32.27	Oct. 2	32.08	31	36.20
July 2	32.45	31	32.95	30	32.83	Jan. 3, 1963	37.44
31	32.89	Sept. 28	33.57	Nov. 30	33.63	Feb. 1	37.41
Sept. 1	33.53	Oct. 31	34.30	Dec. 28	33.95	Mar. 1	36.94
30	34.11	Nov. 30	33.90	Jan. 31, 1962	33.74	29	35.76
Nov. 3	34.67	Dec. 28	35.55	Feb. 27	33.60	May 1	34.14
30	35.03	Feb. 9, 1961	35.49	Mar. 30	31.53	29	32.45
Dec. 31	35.33	28	34.47	Apr. 30	30.11	Jun. 28	34.86
Feb. 2, 1960	34.52	Mar. 31	31.73	May 31	30.20	July 31	35.44
Mar. 1	33.75	May 1	29.92				

384946N0771158.1. Local number 9. James A. McWhorter. Southeast of intersection of McWhorter Place and State road 236, Annandale. Drilled unused water-table well in Fykesville Formation of Precambrian age, diam 8 in, depth 187 ft. Lsd 360 ft above msl. MP top of casing, 0.75 ft above lsd. Highest water level 23.62 below lsd, Apr. 30, 1958; lowest 30.48 below lsd, Sept. 30, 1957. Records available: 1957-61. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1959	27.77	Sept. 30, 1959	28.79	May 31, 1960	25.82	Dec. 28, 1960	30.37
26	27.31	Nov. 3	29.17	July 1	26.50	Feb. 28, 1961	27.49
Apr. 1	26.86	30	29.23	Aug. 2	27.83	Mar. 31	26.07
May 1	26.44	Dec. 31	28.66	31	28.31	May 1	25.57
June 1	27.02	Feb. 2, 1960	27.69	Sept. 28	28.82	29	25.72
July 2	27.19	Mar. 1	27.01	Oct. 31	29.56	June 29	26.29
31	27.60	31	25.93	Dec. 1	30.10	July 30	26.72
Sept. 1	28.50	May 3	25.84				

384951N0770944.1. Local number 10. R. E. Stanley. Southeast of intersection of Woodridge Rd. and Overlook Drive, Alexandria. Dug unused water-table well in Potomac Group of Early and Late Cretaceous age and Sykesville Formation of Precambrian age, diam 30 in, depth 44 ft. Lsd 320 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 24.03 below lsd, Feb. 27, 1962; lowest 33.16 below lsd, Oct. 31, 1963. Records available: 1957-63.

Feb. 2, 1959	28.45	May 3, 1960	26.67	July 30, 1961	27.62	Oct. 31, 1962	32.90
26	27.99	31	26.93	Sept. 1	28.34	Nov. 30	32.53
Apr. 1	27.59	June 30	27.98	Oct. 2	29.09	Jan. 3, 1963	32.00
30	26.62	Aug. 1	29.58	30	28.73	Feb. 1	30.86
June 1	27.52	30	30.16	Nov. 30	29.94	Mar. 1	30.08
July 2	28.41	Sept. 30	30.74	Dec. 28	29.30	29	28.53
31	29.36	Oct. 31	31.32	Jan. 31, 1962	28.64	May 1	28.00
Sept. 1	30.46	Dec. 1	31.42	Feb. 27	24.03	29	28.60
30	31.27	28	31.04	Mar. 30	26.23	June 28	28.95
Nov. 3	31.64	Feb. 9, 1961	30.09	Apr. 30	25.54	July 31	30.11
30	31.72	28	28.08	May 31	26.33	Aug. 30	31.25
Dec. 31	30.99	Mar. 31	26.72	June 29	27.48	Oct. 2	32.28
Feb. 1, 1960	29.69	May 1	25.81	July 31	29.20	31	33.16
Mar. 1	28.50	31	26.03	Aug. 31	31.25	Dec. 2	31.97
31	27.51	June 29	26.96	Oct. 2	32.13	30	31.08

384843N0770543.1. Local number 11. W. G. Lewis. 9 South Cockrell St., Alexandria. Drilled unused water-table well in Potomac Group of Early and Late Cretaceous age, diam 6 in, depth 50 ft. Lsd 110 ft above msl. MP inner flange of cement pit, 0.70 ft above lsd. Highest water level 44.37 below lsd, Apr. 30, 1958; lowest 45.77 below lsd, Nov. 29, 1957. Records available: 1957-63.

Feb. 1, 1959	45.60	May 3, 1960	45.27	July 30, 1961	45.22	Oct. 31, 1962	45.32
26	45.46	31	45.05	Sept. 1	45.17	Nov. 30	45.32
Apr. 1	45.36	June 30	45.39	Oct. 2	45.23	Jan. 3, 1963	45.32
30	45.37	Aug. 1	45.44	30	45.14	Feb. 1	45.33
June 1	45.35	30	45.49	Nov. 30	45.27	Mar. 1	45.23
July 2	45.37	Sept. 30	45.49	Dec. 29	45.24	29	45.20
31	45.38	Nov. 2	45.44	Jan. 31, 1962	45.30	May 1	45.35
Sept. 1	45.54	Dec. 1	45.51	Feb. 27	44.60	29	45.32
30	45.56	28	45.38	Mar. 30	44.89	June 28	45.40
Nov. 4	45.62	Feb. 9, 1961	45.40	Apr. 30	44.30	July 31	45.57
30	45.54	28	45.46	May 31	45.03	Aug. 30	45.50
Dec. 31	45.56	Mar. 31	44.84	June 29	45.13	Oct. 2	45.45
Feb. 1, 1960	45.33	May 1	44.92	July 31	45.20	31	45.54
Mar. 1	45.34	31	45.08	Aug. 31	45.36	Dec. 2	45.36
31	45.02	June 29	45.20	Oct. 2	45.36	30	45.55

Louisa County

380200N0781400.1. Local number 1. Tyler well. Near Thelma, 3 mi southwest of Boswells Tavern on Tyler property near State Route 640. Drilled observation water-table well in Wissahickon Formation of early Paleozoic(?) age, diam 6 in, depth 56 ft, cased with steel. Lsd about 500 ft above msl. MP top of casing, 3.10 ft above lsd. Highest water level 15.10 below lsd, Apr. 24, 1953; lowest 30.99 below lsd, Nov. 26, 30, Dec. 1, 8, 1963. Records available: 1952-63.

Jan. 5, 1959	25.97	Feb. 17, 1959	24.03	Mar. 30, 1959	23.10	May 18, 1959	21.44
12	25.22	24	24.03	Apr. 1	23.06	25	21.78
19	24.92	Mar. 2	24.00	6	22.87	June 1	22.01
26	24.60	9	23.71	13	22.46	8	21.97
Feb. 3	24.20	16	23.44	May 4	21.22	15	22.04
10	24.06	23	23.25	11	21.26	22	22.22

380200N0781400.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 29, 1959	22.58	July 25, 1960	22.88	Oct. 9, 1961	26.76	June 29, 1962	21.40
July 6	23.00	Aug. 1	23.33	12	26.89	July 1	21.20
13	23.50	8	23.61	Nov. 2	24.84	Aug. 1	23.20
20	23.87	15	23.02	8	24.58	31	24.75
27	23.40	22	22.42	15	24.72	Sept. 1	24.75
Aug. 3	22.61	29	22.49	22	24.96	30	26.08
10	22.45	Sept. 6	23.05	29	25.12	Oct. 31	27.20
17	22.40	12	23.32	Dec. 1	25.32	Nov. 1	27.28
31	22.86	19	23.50	5	25.30	9	27.53
Sept. 29	23.48	26	23.72	12	25.59	10	27.31
Nov. 2	24.53	Oct. 3	24.05	14	25.24	23	27.12
30	25.16	10	24.20	18	24.36	24	27.22
Dec. 7	24.92	17	24.44	28	23.44	30	26.96
16	24.50	24	24.66	31	23.41	Dec. 1	26.94
21	23.76	31	24.88	Jan. 1, 1962	23.16	6	26.78
Jan. 4, 1960	22.90	Nov. 7	25.14	5	23.11	13	26.85
11	22.47	14	25.32	7	22.32	16	26.77
18	22.07	21	25.53	9	22.50	22	26.88
25	22.05	28	25.74	15	21.88	31	26.91
Feb. 1	22.08	Dec. 3	25.88	Feb. 1	21.23	Jan. 1, 1963	26.89
8	21.86	12	26.17	5	21.10	31	24.26
15	21.59	19	26.42	9	21.12	Feb. 1	24.26
22	20.44	26	26.63	11	21.48	28	23.45
29	19.89	Jan. 1, 1961	26.77	14	21.22	Mar. 2	23.55
Mar. 4	19.58	8	26.25	16	21.29	30	20.10
9	19.60	14	26.00	18	21.48	Apr. 7	19.58
14	19.58	19	25.94	20	21.16	30	20.90
22	19.00	21	26.01	21	21.30	May 1	20.90
29	18.45	25	26.20	24	21.00	31	23.36
Apr. 5	16.66	28	26.18	25	21.24	June 1	23.36
12	16.45	31	26.27	28	20.65	30	25.23
19	16.84	Feb. 5	26.36	Mar. 6	20.09	Jul. 1	25.23
23	16.96	13	26.56	8	20.33	31	27.20
May 2	18.00	19	25.60	10	20.10	Aug. 1	27.20
9	18.22	Mar. 7	21.36	28	17.45	31	25.57
16	17.46	Apr. 5	18.90	31	17.26	Sept. 1	25.57
23	17.83	6	18.92	Apr. 1	17.15	30	29.60
30	18.52	8	18.30	3	17.61	Oct. 1	29.60
June 6	19.12	10	18.60	5	17.44	31	30.54
13	19.68	May 4	17.82	19	16.52	Nov. 1	30.54
20	20.26	June 2	17.97	30	17.04	26	30.99
27	20.87	20	19.81	May 1	17.01	30	30.99
July 4	21.35	30	20.84	2	16.03	Dec. 1	30.99
11	21.83	Aug. 1	23.42	30	18.24	8	30.99
18	22.36	Sept. 11	25.72	June 15	19.80	31	30.88

e Estimated.

Prince George County

371800N0771600.1. Local number 13. Old Dominion Water Corp. Horewell. Drilled unused artesian well in sand of Potomac Group of Early and Late Cretaceous age, diam 6 in, reported depth 300 ft, cased with steel. Lsd 50.26 ft above msl. MP top of casing, 0.34 ft above lsd. Highest water level 20.73 below lsd, Jan. 25, 1954; lowest 56.95 below lsd, Aug. 14, 1943. Records available: 1939-63.

Jan. 2, 1959	32.82	Apr. 17, 1959	42.56	July 24, 1959	44.10	Oct. 30, 1959	45.86
9	42.80	24	41.66	31	45.98	Nov. 6	46.26
26	42.64	May 1	44.31	Aug. 7	46.16	13	46.46
30	43.60	8	42.90	14	46.46	20	46.16
Feb. 6	39.65	15	43.57	21	46.49	27	45.13
14	35.77	22	45.86	28	46.61	Dec. 4	46.36
20	43.04	29	46.44	Sept. 4	45.86	11	46.36
27	43.33	June 5	46.61	11	46.39	18	45.76
Mar. 6	32.14	12	46.02	18	46.65	25	44.81
13	43.06	19	46.09	25	46.64	Jan. 1, 1960	44.76
20	43.48	26	46.15	Oct. 2	46.41	8	38.84
27	43.53	July 3	45.59	9	46.42	15	44.46
Apr. 3	35.81	11	38.57	16	46.46	22	44.81
10	43.00	17	44.04	23	46.64	29	45.16

371800N0771600.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1960	44.18	Jan. 27, 1961	45.64	Jan. 19, 1962	45.86	Jan. 11, 1963	44.26
12	41.16	Feb. 3	45.76	26	45.56	18	44.46
19	34.80	10	44.66	Feb. 2	45.06	25	44.23
26	34.10	17	44.73	9	42.26	Feb. 1	44.29
Mar. 4	44.48	24	41.04	16	45.46	8	43.92
11	41.35	Mar. 3	44.58	23	44.86	15	43.06
18	39.15	10	44.34	Mar. 2	45.46	22	43.76
25	44.45	17	44.36	9	44.66	Mar. 1	44.36
Apr. 1	44.17	24	40.63	16	44.64	8	41.86
8	43.26	Apr. 4	43.54	23	44.49	15	43.28
15	44.24	7	43.80	30	44.59	22	43.24
22	44.24	14	43.56	Apr. 6	44.52	29	42.14
29	44.68	21	44.06	13	43.15	Apr. 5	44.16
May 6	44.74	28	43.56	20	43.29	12	43.94
13	44.48	May 5	43.46	27	44.73	19	43.99
20	45.26	12	36.76	May 4	46.80	26	44.17
27	45.36	19	43.19	12	44.98	May 3	44.12
June 3	45.51	26	43.41	18	44.85	10	43.88
10	45.83	June 2	43.58	25	44.71	17	43.87
17	45.71	9	42.30	June 1	44.79	24	43.30
24	45.68	16	45.21	9	44.81	31	43.39
July 1	45.69	23	45.06	15	43.86	June 7	42.04
8	45.60	30	45.21	22	44.56	14	43.64
15	44.66	July 7	44.73	29	44.36	21	43.89
22	44.39	14	45.48	July 6	42.36	28	44.00
29	43.89	21	45.81	13	44.31	July 5	43.93
Aug. 5	31.66	28	46.01	20	44.40	12	44.04
12	35.50	Aug. 4	45.90	27	44.48	19	43.88
19	43.39	11	46.03	Aug. 3	44.56	26	44.02
26	43.51	18	46.12	10	43.86	Aug. 2	43.79
Sept. 2	39.10	25	45.54	17	44.36	9	43.73
9	43.31	Sept. 1	45.96	24	44.35	16	43.88
16	42.90	8	45.84	31	44.38	23	43.83
23	44.54	15	45.81	Sept. 7	44.49	Sept. 3	43.99
30	44.94	22	45.10	14	44.51	6	43.85
Oct. 7	45.82	29	45.89	21	44.66	13	43.74
14	45.56	Oct. 6	44.86	28	44.28	20	43.41
21	42.57	13	45.86	Oct. 6	44.46	27	43.75
28	45.86	20	44.66	12	44.53	Oct. 4	43.72
Nov. 4	46.20	27	45.63	19	44.56	11	43.79
11	46.34	Nov. 3	45.73	26	44.66	18	43.44
18	46.02	10	45.64	Nov. 2	44.56	28	43.41
25	45.88	17	45.63	12	42.46	Nov. 1	43.42
Dec. 2	45.94	24	42.09	16	44.26	8	36.91
9	45.90	Dec. 1	45.73	23	43.86	15	43.84
16	45.20	8	45.73	30	44.56	22	43.55
23	39.79	15	45.06	Dec. 7	44.46	29	37.36
30	45.74	22	45.04	14	44.46	Dec. 6	43.36
Jan. 6, 1961	45.85	29	45.64	21	44.62	13	42.85
13	45.80	Jan. 5, 1962	45.84	28	49.64	20	43.16
20	45.16	12	45.80	Jan. 4, 1963	44.34	27	43.14

Southampton County

364700N0770800.1. Local number 29. Norfolk and Western Ry. Formerly Virginian Ry. Sebrell. Drilled unused artesian well in sand and gravel of pre-Miocene age, diam 1C in, depth 344 ft, cased with steel. Lsd 58.4 ft above msl. MP top of casing, at lsd. Highest water level 15.00 below lsd, 1907; lowest 56.14 below lsd, Dec. 3, 1963. Records available: 1907, 1938, 1940-46, 1948-63.

May 13, 1959	49.28	Sept. 8, 1960	53.60	May 8, 1962	42.40	Mar. 5, 1963	54.82
June 24	49.93	Nov. 2	53.42	June 13	53.61	Apr. 17	54.38
Aug. 4	50.70	Apr. 19, 1961	55.50	July 25	55.02	May 27	54.71
Sept. 16	43.13	June 7	53.24	Aug. 28	49.54	July 9	54.87
Dec. 9	(j)	July 19	55.37	Oct. 2	55.46	Aug. 13	54.35
Jan. 20, 1960	(j)	Aug. 30	53.57	Nov. 6	54.49	Sept. 10	55.49
Mar. 2	(j)	Oct. 4	55.38	Dec. 11	55.52	Oct. 22	55.98
Apr. 13	(j)	Nov. 15	53.02	Jan. 22, 1963	53.44	Dec. 3	56.14
June 2	(j)	Mar. 28, 1962	53.24				

j Obstruction 51.0 ft below lsd.

364100N0765500.1. Local number 205. Town of Franklin. 5th Ave. and Middle St. Jetted observation artesian well in sand of Potomac Group of Early and Late Cretaceous age, diam 4 in, depth 354 ft, cased with steel, screened 335-354. Lsd 21.24 ft above msl. MP top of casing, 0.50 ft below lsd. Highest water level 14.5 below lsd, June 25, 1942; lowest 115.5 below lsd, Aug. 13, 1960. Records available: 1942-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1959	92.3	Apr. 4, 1960	88.5	July 8, 1961	93.9	Oct. 6, 1962	99.1
10	90.5	9	105.9	15	92.7	13	102.1
17	94.5	16	107.5	22	93.9	20	105.5
24	95.7	23	108.9	29	94.7	27	101.5
31	95.3	30	110.0	Aug. 5	95.5	Nov. 3	102.0
Feb. 7	95.5	May 7	108.0	12	94.9	10	89.0
14	95.2	14	110.2	19	98.5	17	98.2
21	96.6	21	111.3	26	96.3	24	99.1
28	96.5	28	109.6	Sept. 2	98.2	Dec. 1	97.5
Mar. 7	98.3	June 4	112.0	9	95.2	8	101.2
14	98.5	11	112.7	16	96.2	15	101.3
21	98.5	18	108.0	23	96.5	22	101.3
28	99.0	25	114.3	30	97.0	29	85.8
Apr. 4	98.5	July 2	114.5	Oct. 7	98.0	Jan. 5, 1963	97.8
11	97.5	9	108.5	14	96.5	12	99.7
18	98.5	16	108.5	21	97.8	19	96.9
25	101.7	23	113.3	28	97.9	26	98.5
May 2	101.5	30	113.7	Nov. 4	100.2	Feb. 2	98.3
9	100.5	Aug. 6	114.5	11	100.9	9	99.0
16	101.8	13	115.5	18	99.8	16	102.1
23	102.2	20	108.9	25	96.8	23	98.2
30	105.5	27	112.5	Dec. 2	98.5	Mar. 2	101.5
June 6	101.4	Sept. 3	113.3	9	96.8	9	100.3
13	103.3	10	100.5	16	99.2	16	99.7
20	103.3	17	107.5	23	95.3	23	101.1
27	105.0	24	111.5	30	93.3	30	101.3
July 4	104.5	Oct. 1	111.5	Jan. 6, 1962	94.2	Apr. 6	100.7
11	104.4	8	114.5	13	94.9	13	99.3
18	94.5	15	112.8	20	95.2	20	101.3
25	101.5	22	112.9	27	94.5	27	100.3
Aug. 1	101.5	29	106.0	Feb. 3	105.5	May 4	101.7
8	100.4	Nov. 5	96.2	10	99.9	11	101.2
15	96.3	12	108.3	17	99.3	18	102.8
22	100.5	19	107.3	24	98.5	25	102.9
29	103.9	26	108.0	Mar. 3	98.7	June 1	107.2
Sept. 5	106.2	Dec. 3	100.5	10	95.9	8	104.6
12	102.2	10	108.3	17	99.3	15	102.0
19	105.2	17	106.7	24	95.5	22	103.3
26	106.5	24	92.2	31	98.9	29	93.2
Oct. 3	107.7	31	98.5	Apr. 7	99.1	July 6	96.9
10	108.2	Jan. 7, 1961	103.3	14	95.8	13	93.6
17	108.0	14	99.5	21	101.7	20	97.0
24	104.0	21	97.3	28	93.0	27	98.0
31	106.2	28	102.5	May 5	99.3	Aug. 3	102.9
Nov. 7	107.5	Feb. 4	102.5	12	99.2	10	102.6
14	110.9	11	101.7	18	100.1	17	102.7
21	110.5	18	99.1	26	101.5	24	102.7
28	110.3	25	97.9	June 2	100.5	31	105.7
Dec. 5	113.0	Mar. 4	97.9	9	101.5	Sept. 7	95.3
12	111.8	10	95.3	16	100.1	14	99.2
19	112.0	18	94.7	23	99.9	21	101.8
26	101.8	25	95.7	30	100.5	28	101.2
Jan. 2, 1960	106.5	Apr. 1	98.2	July 7	97.5	Oct. 5	104.8
9	111.2	8	95.3	14	99.5	12	100.8
16	111.3	15	97.3	21	99.2	19	105.8
23	109.5	22	90.3	28	100.2	26	105.2
30	111.3	29	94.5	Aug. 4	100.8	Nov. 2	105.8
Feb. 6	112.2	May 6	92.1	11	99.5	9	104.3
13	113.5	13	94.2	18	97.0	16	104.5
20	112.8	20	94.3	25	100.5	23	104.5
27	113.3	27	93.0	Sept. 1	101.0	30	103.9
Mar. 5	112.2	June 3	93.5	8	100.2	Dec. 7	106.9
12	113.2	10	92.8	15	102.2	14	107.0
19	113.3	17	96.9	22	101.9	21	105.8
26	113.4	24	94.8	29	102.4	28	100.0
31	95.3	July 1	94.7				

Sussex County

365800N0765900.1. Local number 90. Jeb S. White. Wakefield. Drilled unused artesian well in sand and gravel of Potomac Group of Early and Late Cretaceous age, diam 3 in. depth 225 ft, cased with steel. Lsd 100.7 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 63.55 below lsd, Apr. 16, 1940; lowest 90.87 below lsd, Sept. 3, 1963. Records available: 1938, 1940-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1959	82.55	Mar. 28, 1960	83.87	July 10, 1961	86.29	Nov. 5, 1963	87.42
13	82.68	Apr. 4	83.71	21	87.91	14	88.12
20	82.49	11	84.52	24	88.00	19	88.05
26	82.78	19	83.66	Aug. 1	87.52	27	88.22
Feb. 3	82.61	25	84.33	8	87.50	Dec. 4	87.88
10	82.66	May 3	83.55	14	87.10	10	87.79
16	82.94	9	83.93	24	87.68	17	88.55
24	82.98	18	84.28	Sept. 7	87.61	24	88.98
Mar. 2	82.66	23	84.91	11	88.14	Jan. 5, 1963	87.88
9	83.47	31	84.98	19	87.28	8	87.91
16	83.30	June 6	84.78	25	86.84	15	87.62
23	83.77	13	84.75	Oct. 4	87.13	21	88.12
Apr. 1	83.11	July 2	85.42	9	86.58	28	87.84
6	83.48	7	85.40	18	87.01	Feb. 5	87.80
13	83.40	12	85.12	23	86.58	13	87.53
27	83.75	25	85.55	Nov. 8	86.89	18	87.82
May 5	84.55	Aug. 1	84.90	13	87.65	26	87.96
12	84.61	10	85.46	28	86.54	Mar. 5	88.20
20	84.96	16	85.03	Dec. 5	86.67	11	87.84
27	84.70	22	85.08	12	86.75	20	86.96
June 2	84.39	30	85.29	19	86.40	26	89.62
9	84.56	Sept. 7	85.59	28	86.87	Apr. 1	88.57
15	85.08	20	85.12	Jan. 6, 1962	86.25	10	88.44
22	85.28	26	84.94	10	86.89	15	88.32
29	85.90	Oct. 3	84.80	23	86.76	22	88.66
July 6	85.46	12	85.09	31	86.68	30	88.77
15	84.41	17	85.40	Feb. 13	86.52	May 6	89.31
20	84.94	26	84.74	27	86.22	14	89.44
27	84.79	31	84.84	Mar. 12	86.96	20	89.19
Aug. 3	85.30	Nov. 9	85.52	29	87.28	27	88.95
11	84.82	14	85.54	Apr. 3	87.07	June 4	88.92
24	85.77	21	85.30	10	87.30	11	89.04
Sept. 8	85.50	28	85.41	17	87.04	17	88.88
14	85.57	Dec. 5	85.68	23	87.25	24	89.29
22	85.50	13	85.71	30	86.68	July 2	88.26
28	85.66	28	86.27	May 7	87.45	8	89.94
Oct. 5	85.17	Jan. 6, 1961	86.19	14	86.71	15	89.80
15	85.97	8	86.12	21	87.93	22	90.45
20	86.03	16	85.36	28	87.50	30	90.55
28	85.12	23	85.06	June 4	87.37	Aug. 5	90.53
Nov. 2	85.24	30	85.36	30	87.40	13	90.34
9	85.32	Feb. 6	85.06	July 5	87.57	21	90.43
16	83.43	15	85.54	9	87.30	26	90.31
26	83.50	20	85.49	16	88.43	Sept. 3	90.87
Dec. 8	82.92	27	85.90	23	87.33	9	90.20
14	82.87	Mar. 6	85.21	30	87.66	16	90.22
21	82.96	13	85.66	Aug. 6	88.00	23	89.95
28	82.42	20	86.34	13	87.52	30	90.43
Jan. 4, 1960	83.50	28	86.14	21	87.78	Oct. 7	90.47
11	83.01	Apr. 5	86.47	27	88.67	14	90.45
19	82.75	13	86.16	Sept. 4	88.33	22	90.29
26	82.90	20	86.83	10	88.33	29	90.28
Feb. 2	83.97	24	86.49	17	87.75	Nov. 4	90.46
8	83.45	May 1	85.67	24	87.99	13	89.88
15	82.69	9	86.20	Oct. 1	87.91	19	90.01
24	83.01	23	86.45	8	88.02	25	89.40
29	83.70	June 5	87.54	15	88.17	Dec. 6	89.72
Mar. 8	83.38	19	86.48	22	87.87	9	89.62
15	83.23	27	86.32	29	88.35	16	90.38
22	83.35	July 3	86.38				

WEST VIRGINIA

By Gerald Meyer and B. M. Wilmoth

The observation-well program was continued during the period 1959 through 1963 in West Virginia in cooperation with the West Virginia Geological and Economic Survey. Figure 12 shows the location of observation wells included in this report.

Well-Numbering System

Observation wells in West Virginia are assigned numbers indicating their location by county and magisterial district. The counties have been numbered in a general southward direction. The magisterial districts within each county are numbered according to the same plan. Wells within the district are numbered serially. The number 9-6-27 indicates well 27 in district 6 of county 9.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

Barbour County

391435N0800157.1. Local number 14-1-1. West Virginia Dept. of Natural Resources. Formerly U. S. Dept. of the Army. Pleasant Creek Church. Drilled domestic artesian(?) well in sandstone of Conemaugh Formation of Late Pennsylvanian age, diam 6 in, depth 110 ft, cased to 6. Lsd about 1,160 ft above msl. MP northwest side of tile casing, at lsd. Highest water level 3.75 below lsd, Dec. 7, 1957; lowest 62.33 below lsd, Dec. 5, 1953. Records available: 1953-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1959	32.00	June 25, 1959	40.50	Jan. 11, 1960	46.80	Aug. 2, 1960	48.50
15	22.00	30	45.00	18	40.80	9	46.00
22	5.00	July 7	48.00	25	46.70	16	46.50
23	20.00	14	51.00	31	45.00	23	44.80
29	36.00	22	49.50	Feb. 8	41.70	30	45.90
31	36.00	31	50.00	15	45.00	Sept. 6	41.90
Feb. 5	36.00	Aug. 8	34.50	22	44.60	13	17.90
12	25.50	15	33.00	29	44.90	20	28.10
19	32.00	22	36.00	Mar. 7	44.60	27	50.40
27	34.50	29	39.00	14	43.70	Oct. 3	52.40
Mar. 5	33.00	Sept. 3	36.00	21	29.70	10	56.00
6	12.00	10	34.50	28	26.70	17	53.20
13	27.00	18	36.00	Apr. 4	19.00	24	50.40
20	35.00	24	34.50	11	45.00	Nov. 1	50.20
26	36.00	30	32.00	18	48.20	8	39.90
31	33.00	Oct. 7	34.50	25	48.40	15	45.90
Apr. 2	33.00	15	36.00	May 2	31.20	22	40.00
9	18.00	22	31.50	9	21.30	29	40.00
16	34.50	27	28.70	16	48.10	Dec. 5	45.20
23	37.50	Nov. 2	30.70	23	32.30	12	43.00
30	40.50	9	29.70	31	46.90	19	40.90
May 7	39.00	16	30.70	June 6	46.90	26	41.40
14	9.00	23	33.90	13	47.20	Jan. 3, 1961	38.80
22	40.50	30	31.40	20	48.30	10	40.00
28	42.00	Dec. 7	26.50	27	48.10	17	41.20
31	42.75	14	22.20	July 5	48.00	24	39.00
June 4	42.00	21	43.50	12	48.20	31	39.00
11	45.00	28	46.20	19	48.60	Feb. 6	42.00
18	42.00	Jan. 4, 1960	27.20	26	48.90	13	44.10

391435N0800157.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 20, 1961	46.70	Nov. 1, 1961	43.20	July 20, 1962	33.20	Apr. 18, 1963	43.70
27	44.90	8	40.90	27	49.70	25	42.10
Mar. 3	43.00	15	39.90	Aug. 4	50.10	May 2	43.40
10	40.80	22	44.80	10	49.50	9	43.90
17	41.10	29	41.20	18	31.20	16	42.40
24	38.90	Dec. 1	43.20	24	34.80	23	41.20
31	39.20	8	40.10	28	37.20	30	38.30
Apr. 6	38.10	15	41.00	Sept. 7	25.50	June 6	32.20
13	40.90	22	37.80	14	26.20	13	33.70
20	39.00	29	36.10	21	31.10	20	34.30
27	32.10	Jan. 2, 1962	46.10	28	29.10	27	35.70
May 6	37.50	9	43.10	Oct. 5	24.50	July 4	32.90
13	36.90	16	40.80	13	25.10	11	34.40
20	39.00	23	43.00	20	28.00	18	30.60
27	37.00	30	43.80	27	27.70	25	30.10
June 1	45.10	Feb. 7	45.90	Nov. 2	22.70	31	29.10
8	42.10	14	42.00	9	21.30	Aug. 3	26.60
15	40.00	21	39.90	16	19.50	10	25.90
22	42.90	28	38.10	23	19.80	17	24.30
29	47.00	Mar. 6	37.90	30	20.40	24	21.60
July 3	42.00	13	40.00	Dec. 3	27.90	31	21.30
10	39.00	20	46.80	10	25.10	Sept. 6	21.30
17	37.10	27	47.80	17	28.90	13	21.10
24	38.00	Apr. 2	45.90	24	27.80	20	22.20
31	36.90	9	42.10	31	24.00	27	22.50
Aug. 1	46.00	16	38.20	Jan. 3, 1963	25.10	Oct. 3	24.70
8	47.90	23	40.80	10	25.90	10	25.30
15	46.80	30	39.10	17	23.20	17	24.40
22	50.10	May 1	41.40	24	24.00	24	24.30
29	54.30	8	44.00	31	21.00	31	23.50
Sept. 1	46.00	15	44.90	Feb. 7	25.10	Nov. 7	22.10
8	40.10	22	47.00	14	26.80	14	21.40
15	42.00	29	40.60	21	27.30	21	22.40
22	48.50	June 1	33.10	28	28.20	29	21.30
29	53.80	8	30.40	Mar. 7	28.80	Dec. 3	17.90
Oct. 3	52.10	15	22.80	14	38.30	10	18.30
10	57.90	22	38.20	21	31.90	17	19.10
17	56.00	29	41.10	28	34.60	24	18.70
24	57.40	July 7	33.10	Apr. 4	45.40	31	18.90
31	52.70	13	32.30	11	44.40		

Berkeley County

392725N0775824.1. Local number 20-5-7. Martinsburg Mills, Inc. Formerly Interwoven Stocking Co. Martinsburg. Drilled unused artesian (?) (previously reported water-table) well in Beekmantown Group of Early Ordovician age, diam 8 in, depth 250 ft, cased to 10. Lsd about 445 ft above msl. MP top edge of recorder-shelter base, 3.30 ft above lsd. Highest water level 27.99 below lsd, Apr. 14, 1961; lowest 61.39 below lsd, Nov. 22, 1959. Records available: 1956-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	55.16	55.61	54.90	52.65	43.60	45.78	....	55.30	57.20	59.20	61.15
10	55.68	55.40	53.80	55.22	53.24	....	....	....	....	57.76	59.88	60.66
15	55.78	54.30	53.30	53.40	52.12	....	....	....	56.43	57.90	60.63	....
20	55.60	54.20	53.64	54.81	....	43.48	....	....	56.85	57.86	60.98	59.40
25	54.44	54.75	....	54.39	....	....	46.12	....	57.10	56.20	60.52	59.90
Eom	55.13	55.25	54.37	51.94	....	....	47.60	....	57.35	57.95	60.40	58.72

1960

5	58.07	57.29	49.72	38.91	36.08	34.18	35.82	....	39.04	40.90	....	49.15
10	59.12	56.17	49.44	36.23	33.23	34.82	36.30	....	39.13	40.82	....	49.78
15	57.80	56.53	48.44	36.22	34.60	....	36.40	35.53	37.83	42.95	47.40	50.08
20	56.21	52.32	45.92	36.09	35.76	32.62	37.10	35.82	38.82	43.60	48.00	50.68
25	56.61	51.63	44.41	35.79	35.52	33.87	....	36.48	39.67	44.70	48.48	51.46
Eom	57.18	50.08	43.50	36.82	33.28	35.04	....	38.02	40.12	43.69	48.78	51.95

e Estimated.

392725N0775824.1--Continued.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv.	Dec.
5	.....	.....	34.55	32.68	.....	35.59	35.97	.....	41.47	47.10	53.31	53.48
10	50.50	.....	33.00	33.42	.....	35.03	36.03	.....	42.38	48.54	50.85	53.80
15	51.32	.....	32.78	28.43	33.17	35.38	36.80	38.98	43.60	49.21	.....	50.98
20	.....	.....	33.15	30.14	33.89	35.88	37.05	39.45	44.70	50.08	.....	.....
25	.....	37.48	29.22	31.39	34.66	34.85	37.18	39.67	45.82	50.64	52.03	49.37
Eom	.....	34.37	31.72	.....	35.52	35.36	.....	40.45	46.45	52.27	.....	49.49

1962

5	49.52	47.04	38.77	35.12	35.43	36.38	37.90	.....	.....	50.10	.....	55.13
10	46.24	47.10	37.04	34.67	36.29	36.81	.....	41.55	45.84	51.31	.....	53.28
15	46.58	.....	32.04	32.26	37.02	37.02	38.83	42.13	46.51	52.80	.....	53.75
20	46.49	.....	33.71	33.77	37.59	37.48	38.96	42.98	47.38	54.92	.....	54.20
25	46.60	44.05	33.16	34.80	36.34	37.59	39.53	43.83	48.15	54.92	53.35	54.43
Eom	46.93	40.05	34.54	35.62	36.36	38.04	40.27	44.90	49.42	54.50	54.50	54.86

1963

5	54.85	52.23	.....	37.73	38.67	.....	.....	47.18	.....	56.00	.....	55.27
10	54.75	52.45	43.04	37.53	39.01	.....	.....	48.95	.....	.....	.....	.....
15	50.94	52.37	.....	37.55	39.46	38.82	.....	49.29	54.60	56.68	56.56	56.25
20	51.55	.....	39.23	37.53	39.70	39.98	45.05	.....	55.20	57.05	57.27	.....
25	51.84	52.43	37.20	37.53	40.15	40.84	45.97	51.34	55.59	57.28	57.19	.....
Eom	52.16	50.95	37.78	38.15	41.00	41.51	46.47	52.65	55.50	57.52	57.13	56.66

Gilmer County

385604N0804959.1. Local number 33-3-1. Glenville State College. Glenville. Dug unused water-table (?) well in upper part of Conemaugh Formation of Late Pennsylvanian age, diam 36 in, depth 25 ft, cased to 10, Lsd about 820 ft above msl. MP top of concrete cover, at lsd. Highest water level 13.58 below lsd, Jan. 26, 1958; lowest 18.75 below lsd, Nov. 30 1953. Records available: 1953-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1959	18.10	Sept. 27, 1959	18.54	June 26, 1960	16.63	Mar. 19, 1961	15.95
11	18.12	Oct. 4	18.53	July 3	16.38	26	15.37
18	17.98	11	18.49	10	16.44	Apr. 2	15.69
25	15.65	18	18.46	17	16.77	9	15.92
Feb. 1	16.49	25	18.38	23	17.04	16	15.44
8	17.00	Nov. 1	18.17	30	17.15	23	15.93
15	16.81	8	18.04	Aug. 7	17.19	30	15.72
22	18.14	15	18.02	14	16.66	May 7	16.12
Mar. 1	16.44	22	17.99	21	16.56	14	15.85
8	16.56	29	17.82	28	16.74	21	16.33
15	16.39	Dec. 6	17.31	Sept. 4	17.08	28	16.68
22	16.52	13	17.91	11	17.40	June 4	17.00
29	16.96	20	16.84	18	17.47	11	17.16
Apr. 5	16.98	27	16.95	25	17.45	18	17.02
12	16.84	Jan. 3, 1960	17.05	Oct. 2	17.58	25	17.06
19	15.83	10	17.27	9	17.73	July 2	17.22
26	16.33	17	15.36	16	17.85	9	17.17
May 3	16.57	24	15.90	23	17.92	16	16.95
10	17.04	31	16.43	30	17.79	23	15.54
17	17.03	Feb. 7	16.44	Nov. 6	17.63	30	16.13
24	17.20	14	15.94	13	17.48	Aug. 6	16.28
31	17.32	21	14.98	20	17.38	13	16.49
June 7	16.92	28	14.84	27	17.49	20	16.74
14	16.97	Mar. 13	16.36	Dec. 4	17.56	27	17.05
21	17.39	20	15.03	11	17.70	Sept. 2	17.22
28	17.42	27	15.95	18	17.65	9	17.24
July 5	17.76	Apr. 3	15.33	25	17.63	16	17.37
12	17.83	10	14.47	Jan. 1, 1961	17.61	23	17.48
19	18.01	17	16.16	8	17.06	30	17.59
26	18.12	24	16.67	15	17.28	Oct. 7	17.69
Aug. 2	18.18	May 1	16.89	22	17.14	14	17.78
9	18.15	8	17.08	29	17.33	21	17.64
16	18.20	15	17.41	Feb. 5	17.47	28	17.61
23	18.29	22	17.39	12	16.16	Nov. 5	17.61
30	18.38	29	16.55	19	15.59	12	17.55
Sept. 6	18.40	June 5	16.67	26	15.76	19	17.58
13	18.46	12	17.05	Mar. 5	15.13	26	17.49
20	18.53	19	16.99	12	15.14	Dec. 3	17.40

385604N0804959. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 10, 1961	17.52	June 17, 1962	17.23	Dec. 23, 1962	16.62	June 30, 1963	16.77
17	17.40	24	17.37	30	15.71	July 7	17.05
24	16.90	July 1	17.39	Jan. 6, 1963	15.97	14	17.26
31	16.34	8	17.46	13	16.38	21	17.36
Jan. 7, 1962	16.71	15	17.48	20	16.05	28	17.34
14	16.12	22	17.51	27	16.58	Aug. 4	17.28
21	16.67	29	17.59	Feb. 3	16.62	11	17.17
28	16.44	Aug. 5	17.68	10	16.11	18	17.15
Feb. 4	16.66	12	17.74	17	16.23	25	17.19
11	16.49	19	17.62	24	15.49	Sept. 1	17.13
18	16.85	26	17.71	Mar. 3	15.83	8	17.38
25	17.03	Sept. 2	17.88	10	15.07	15	17.52
Mar. 4	15.85	9	17.93	17	15.26	22	17.57
11	15.56	16	17.98	23	15.19	29	17.69
18	15.83	23	17.85	30	15.81	Oct. 6	17.76
25	15.54	30	17.65	Apr. 6	16.18	13	17.88
Apr. 1	16.04	Oct. 7	17.37	13	16.34	20	18.00
8	15.72	14	17.17	20	16.60	27	18.16
15	15.18	21	17.18	28	16.73	29	18.21
22	15.66	28	17.37	May 5	16.77	Nov. 3	18.23
29	16.16	Nov. 4	17.23	12	16.85	10	18.19
May 6	16.61	11	17.21	19	16.81	17	18.22
13	17.07	18	16.47	26	16.73	24	18.30
20	17.34	25	15.77	June 2	16.86	Dec. 1	18.26
27	17.50	Dec. 2	16.27	9	15.48	8	18.04
June 3	17.50	9	16.66	16	15.73	15	17.90
9	17.33	16	16.75	23	16.41	22	17.75

Greenbrier County

374804N0801740. 1. Local number 45-8-2. U. S. Fish and Wildlife Service. Fish Culture Sta. White Sulphur Springs. Drilled unused artesian (?) (previously reported water-table) well in Marcellus Shale and Hamilton Formation of Middle Devonian age, diam 6 in, depth 61 ft, cased to 21. Lsd about 1,875 ft above msl. MP top of casing, 0.90 ft above lsd. Highest water level 2.80 below lsd, Mar. 16, 1955; lowest 5.18 below lsd, Oct. 19, 1955. Records available: 1953-63.

Jan. 3, 1959	4.35	Aug. 15, 1959	4.69	Apr. 2, 1960	4.95	Nov. 12, 1960	4.79
10	4.61	22	4.67	9	4.43	19	4.91
17	4.89	29	4.61	16	4.60	26	4.95
24	4.35	Sept. 5	4.69	23	4.64	Dec. 3	4.89
31	4.62	12	4.98	30	4.64	10	4.91
Feb. 7	4.66	19	5.06	May 7	4.68	17	4.93
14	4.31	26	5.10	14	4.45	24	5.08
21	4.47	Oct. 3	4.61	21	4.43	31	4.60
28	4.64	10	4.79	28	4.18	Jan. 7, 1961	4.68
Mar. 7	4.23	17	4.58	June 4	4.60	14	4.77
14	4.20	24	4.64	11	4.77	21	4.73
21	4.54	31	4.60	18	4.77	28	4.77
28	4.06	Nov. 7	4.50	25	4.77	Feb. 4	4.77
Apr. 4	3.73	14	4.70	July 2	4.68	11	4.77
11	4.31	21	4.68	9	4.93	18	4.02
18	4.39	28	4.68	16	4.98	25	3.77
25	4.31	Dec. 5	4.62	23	5.06	Mar. 4	4.43
May 2	4.50	12	4.43	30	4.98	11	4.39
9	4.56	19	4.20	Aug. 6	5.00	18	4.28
16	4.56	26	4.47	13	4.60	25	4.10
23	4.64	Jan. 2, 1960	4.41	20	4.93	Apr. 1	4.28
30	4.64	9	4.41	27	4.93	8	4.35
June 6	4.52	16	4.18	Sept. 3	5.04	15	4.43
13	4.75	23	4.33	10	5.10	22	4.52
20	4.89	Feb. 6	3.98	17	5.02	29	4.59
27	4.89	13	4.14	24	4.93	May 6	4.52
July 4	4.65	20	4.18	Oct. 1	4.93	13	4.43
11	5.10	27	4.29	8	5.04	20	4.35
18	4.67	Mar. 5	4.27	15	5.04	27	4.43
25	4.79	12	4.41	22	5.04	June 3	4.76
Aug. 1	4.64	19	4.31	29	5.02	10	4.54
8	4.64	26	4.23	Nov. 5	4.89	17	4.43

374804N0801740.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 24, 1961	4.45	Feb. 17, 1962	4.52	Oct. 6, 1962	5.00	May 26, 1963	4.85
July 1	3.93	24	4.43	13	4.97	June 1	4.89
8	4.35	Mar. 3	4.39	20	5.02	8	4.85
15	4.85	10	4.52	27	5.02	15	4.89
22	4.87	17	4.47	Nov. 3	5.04	22	5.02
29	4.93	24	4.39	10	4.22	29	5.02
Aug. 5	5.02	31	4.58	17	4.37	July 6	5.06
12	5.06	Apr. 7	4.49	24	4.54	13	5.10
19	5.10	14	4.27	Dec. 1	4.68	20	5.06
26	4.87	21	4.60	8	4.39	27	5.06
Sept. 2	5.04	28	4.52	15	4.51	Aug. 3	5.06
9	5.02	May 5	4.54	22	4.41	10	5.06
16	5.02	12	4.58	29	4.35	17	5.06
23	5.06	19	4.77	Jan. 5, 1963	4.45	24	5.04
30	5.16	26	4.83	12	3.52	31	5.08
Oct. 7	4.99	June 2	4.12	19	4.39	Sept. 7	4.97
14	5.02	9	4.30	26	4.29	14	5.04
21	3.64	16	4.60	Feb. 2	4.60	21	5.10
28	4.35	23	4.56	9	4.43	28	5.14
Nov. 4	4.85	30	4.77	16	4.41	Oct. 5	5.06
11	4.93	July 7	4.68	23	4.25	12	5.10
18	4.74	14	4.72	Mar. 2	4.12	19	5.10
25	4.20	21	4.97	10	4.18	26	5.10
Dec. 2	4.54	28	4.97	16	4.31	30	5.10
9	4.74	Aug. 4	4.93	23	4.37	Nov. 2	4.95
16	4.45	11	4.97	30	4.62	9	5.05
23	4.52	18	5.00	Apr. 6	4.75	16	5.02
30	4.58	25	5.02	13	4.77	23	5.00
Jan. 6, 1962	4.06	Sept. 1	5.10	20	4.87	30	4.37
13	4.43	8	5.00	27	4.91	Dec. 7	4.89
20	4.54	15	5.04	May 4	4.89	14	4.60
27	4.49	22	5.02	12	4.91	21	4.93
Feb. 3	4.47	29	5.00	17	4.66	28	4.91
10	4.24						

Kanawha County

382516N0815043.1. Local number 40-3-74. Nitro Ice Co. Nitro. Drilled unused artesian well in Conemaugh Formation of Late Pennsylvanian age, diam 6 in, depth 160 ft, cased to 40. Lsd about 590 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 17.07 below lsd, Aug. 17, 1958; lowest 19.44 below lsd, Dec. 21, 1960. Records available: 1959-61. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.22	18.14	17.85	17.96	17.78	17.92	.....	.....	.....	.....	.....	.....
10	18.22	18.00	17.99	17.91	17.75	17.95	.....	.....	.....	.....	.....	.....
15	18.19	18.00	17.98	17.85	17.82	18.00	.....	.....	.....	.....	.....	.....
20	18.27	17.98	17.95	17.80	17.84	18.01	.....	.....	.....	.....	.....	.....
25	18.22	17.90	17.93	17.74	17.85	.....	.....	.....	.....	.....	.....	.....
Eom	18.22	17.78	17.98	17.75	17.86	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 30, 1959	18.07	Nov. 12, 1959	18.80	Mar. 28, 1960	18.60	Dec. 21, 1960	19.44
July 10	18.08	23	18.84	Apr. 1	18.55	Jan. 17, 1961	19.25
20	18.09	Dec. 1	18.89	12	18.48	Feb. 13	19.07
28	18.11	15	18.85	May 11	18.50	Mar. 9	18.88
Aug. 7	18.14	21	18.97	23	18.52	Apr. 8	18.68
17	18.17	Jan. 8, 1960	19.02	June 17	18.62	May 10	18.39
27	18.26	18	19.01	July 11	18.74	June 12	18.10
Sept. 4	18.35	28	19.01	29	18.75	July 13	17.72
13	18.40	Feb. 1	18.94	Aug. 11	18.82	Aug. 11	17.37
23	18.46	10	18.86	Sept. 19	18.93	Sept. 19	17.56
Oct. 4	18.54	18	18.78	Oct. 12	19.06	Oct. 16	17.78
15	18.60	25	18.71	Nov. 4	19.20	Nov. 9	17.89
25	18.64	Mar. 3	18.69	17	19.28	Dec. 1	17.98
Nov. 2	18.68	11	18.67	Dec. 1	19.35		

382055N0813753.1. Local number 40-5-14. Coyle & Richardson Department Store. Dickinson and Lee Sts., Charleston. Drilled unused artesian well in Pottsville Formation of Early to Middle Pennsylvanian age, diam 8 in, depth 208 ft, cased to 42. Lsd about 575 ft above msl. MP top east edge of casing, 12.00 ft below lsd. Highest water level 26.76 below lsd, Mar. 20, 1963; lowest 43.44 below lsd, Sept. 6, 1945. Records available: 1941-63.

Lowest water level for the day, from recorder graph, 1959												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.88	30.55	30.46	30.07	32.14	33.16	34.77	35.54	35.36	32.83	32.45	31.35
10	30.70	30.45	30.27	31.18	32.13	33.51	35.19	35.64	35.41	32.61	31.80	31.44
15	30.51	30.43	30.22	29.71	31.51	33.56	35.43	35.76	33.52	32.52	31.85	31.03
20	30.63	30.43	30.12	31.23	32.09	33.64	35.44	35.78	32.93	32.29	31.67	31.23
25	30.22	30.41	30.34	30.78	33.12	34.17	35.42	35.51	33.37	32.03	31.61	31.13
Eom	30.57	30.25	30.05	31.31	32.82	34.79	35.60	35.42	34.63	32.37	31.32	31.18
1960												
5	30.93	30.79	30.62	29.48	31.15	33.38	31.62	32.22	32.28	31.06	30.79	30.63
10	30.93	30.57	30.58	29.22	30.44	31.77	31.60	32.09	32.53	31.04	30.83	30.58
15	30.91	30.68	30.57	30.61	30.28	31.61	31.74	32.19	31.24	31.42	30.68	30.53
20	30.93	30.74	30.52	30.74	32.32	31.52	31.80	32.19	31.67	31.02	30.73	30.65
25	30.85	30.50	30.56	31.22	33.22	31.65	31.90	32.28	31.98	30.95	30.65	30.68
Eom	30.82	30.65	29.51	31.65	32.28	31.83	32.01	32.31	31.17	30.70	30.72	30.57
1961												
5	30.56	30.49	29.74	29.69	29.48	30.05	30.45	30.84	31.89	30.33	30.20	29.88
10	30.63	30.49	29.84	29.97	29.23	30.18	30.25	31.04	31.75	30.34	30.08	29.89
15	30.43	30.42	29.88	29.45	29.50	30.12	30.60	31.35	31.75	30.40	30.15	29.30
20	30.57	30.23	29.83	29.64	29.40	29.82	30.63	31.39	30.73	30.32	30.18	28.68
25	30.71	29.76	29.73	29.46	29.43	30.02	30.72	31.74	31.55	30.18	30.07	29.19
Eom	30.57	29.42	29.65	29.59	29.56	30.23	30.78	31.82	30.42	30.03	29.85	29.35
1962												
5	29.40	29.04	28.11	28.48	28.73	30.40	30.67	31.12	31.20	28.58	29.37	28.86
10	29.15	29.14	28.57	28.38	28.70	30.52	30.92	31.40	31.18	28.65	29.28	28.93
15	29.27	29.05	28.20	29.30	29.28	29.98	31.24	31.30	31.33	28.57	29.05	28.98
20	29.25	29.19	28.40	28.48	29.70	30.65	31.00	31.25	30.65	28.50	29.03	29.08
25	28.94	29.21	27.83	28.45	29.74	30.77	31.14	31.35	29.64	28.50	28.96	28.95
Eom	29.13	27.91	28.37	28.63	29.88	30.84	31.00	31.43	30.16	28.24	28.92	28.83
1963												
5	28.75	28.75	28.50	27.88	28.22	28.43	28.66	28.88	28.97	28.19	29.15	29.27
10	28.76	28.63	28.24	27.94	28.25	28.36	28.74	28.85	29.02	28.18	29.20	29.34
15	28.64	28.85	27.50	28.05	28.36	28.53	28.75	28.94	29.08	28.19	29.31	29.39
20	28.59	28.66	26.76	28.11	28.42	28.50	28.74	28.94	29.00	28.15	29.27	29.35
25	28.79	28.72	27.40	28.20	28.43	28.63	28.87	28.94	29.08	28.18	29.31	29.25
Eom	28.80	28.72	27.60	28.24	28.48	28.67	28.84	28.98	29.17	28.20	29.25	29.44

e Estimated.

Lewis County

390553N0802808.1. Local number 16-1-8. West Virginia University. Jackson's Mill. Drilled unused water-table well in Conemaugh Formation of Late Pennsylvanian age and Allegheny Formation of Middle Pennsylvanian age, diam 12 in, depth 92 ft, cased. Lsd about 1,020 ft above msl. MP hole in concrete pump platform, at lsd. Highest water level 15.05 below lsd, Mar. 12, 1962; lowest 23.85 below lsd, Oct. 14, 1963. Records available: 1961-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 22, 1961	22.67	Oct. 2, 1961	23.28	Feb. 13, 1962	21.56	June 25, 1962	23.14
29	22.95	9	22.63	19	21.38	July 2	23.52
June 5	23.04	16	22.77	26	20.07	9	23.27
12	17.27	23	21.07	Mar. 5	20.71	16	23.22
19	22.12	30	22.79	12	15.05	23	23.25
26	22.87	Nov. 6	22.58	19	21.57	30	23.57
July 3	23.28	13	22.53	26	20.61	Aug. 6	23.60
10	22.77	20	21.95	Apr. 2	21.72	13	23.25
17	21.53	27	20.49	9	19.02	20	23.28
24	21.28	Dec. 4	22.77	16	19.28	27	23.64
31	22.79	11	21.00	23	20.90	Sept. 3	23.72
Aug. 7	21.36	18	19.58	30	22.12	10	23.59
14	21.05	26	21.05	May 7	22.80	17	23.61
21	23.10	Jan. 2, 1962	21.36	14	23.17	24	23.62
28	22.77	9	20.75	21	23.10	Oct. 1	22.18
Sept. 4	23.40	15	21.44	28	22.88	8	22.58
11	23.22	22	21.09	June 4	23.16	15	23.81
18	23.74	29	20.77	11	22.75	22	23.18
25	22.66	Feb. 5	20.15	18	22.03	29	23.30

390553N0802808. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 5, 1962	22.54	Feb. 25, 1963	21.20	June 17, 1963	22.73	Sept. 30, 1963	23.50
12	19.47	Mar. 4	19.34	24	23.12	Oct. 6	23.73
19	19.58	11	20.56	July 1	22.92	14	23.85
26	19.65	18	17.09	8	23.46	21	23.57
Dec. 3	22.72	25	19.68	15	23.56	28	23.68
10	22.69	Apr. 1	21.70	22	22.71	29	23.61
17	21.98	8	22.72	29	23.41	Nov. 4	23.71
24	18.47	15	23.16	Aug. 5	19.92	11	22.98
31	20.40	22	22.14	12	23.20	18	23.52
Jan. 7, 1963	21.97	29	22.15	19	23.02	25	23.27
14	19.35	May 6	22.57	26	22.97	Dec. 2	20.07
21	21.70	13	23.07	Sept. 2	23.54	4	21.82
28	22.70	20	20.98	10	23.30	16	22.04
Feb. 4	17.33	27	22.55	16	22.80	23	22.90
11	17.57	June 3	23.19	23	23.58	31	22.90
18	21.95	10	20.16				

390553N0802808. 2. Local number 16-1-9. West Virginia University. Jackson's Mill. Drilled unused water-table well in Conemaugh Formation of Late Pennsylvanian age and Allegheny Formation of Middle Pennsylvanian age, diam 12 in, depth 122 ft, cased. Lsd about 1,020 ft above msl. MP drilled hole in steel plate covering casing mouth, at lsd. Highest water level 16.05 below lsd, Aug. 5, 1963; lowest 23.95 below lsd, Sept. 18, 1961. Records available: 1961-63.

May 22, 1961	22.88	Jan. 22, 1962	22.00	Sept. 24, 1962	23.50	May 20, 1963	20.86
29	23.80	29	21.11	Oct. 1	22.01	27	22.55
June 5	23.20	Feb. 5	20.21	8	22.40	June 3	23.14
12	17.50	13	21.78	15	22.73	10	20.18
19	22.43	19	21.50	22	23.08	17	22.68
26	23.08	26	20.28	29	23.17	24	23.02
July 3	23.57	Mar. 5	20.72	Nov. 5	22.45	July 1	22.85
10	23.06	12	16.73	12	19.40	8	23.38
17	21.55	19	21.57	19	19.24	15	23.51
24	21.65	26	20.66	26	19.61	22	22.58
31	23.10	Apr. 2	21.62	Dec. 3	22.68	29	23.35
Aug. 7	21.70	9	19.01	10	22.50	Aug. 5	16.05
14	21.08	16	19.25	17	21.89	12	23.16
21	23.37	23	20.89	24	18.48	19	23.00
28	23.07	30	22.11	31	20.43	26	22.93
Sept. 4	23.62	May 7	22.70	Jan. 7, 1963	21.90	Sept. 2	23.49
11	23.42	14	23.08	14	19.26	10	23.23
18	23.95	21	23.04	21	21.64	16	22.20
25	22.89	28	22.70	28	22.53	23	23.48
Oct. 2	23.50	June 4	23.10	Feb. 4	17.29	30	23.42
9	22.46	11	22.76	11	17.51	Oct. 6	23.62
16	22.95	18	21.98	18	21.94	14	23.80
23	21.18	25	23.10	25	21.15	21	23.50
30	22.78	July 2	23.46	Mar. 4	19.26	28	23.58
Nov. 6	22.75	9	23.20	11	20.66	29	23.53
13	22.67	16	23.18	18	17.00	Nov. 4	23.59
20	22.17	23	23.16	25	19.75	11	22.90
27	20.86	30	23.43	Apr. 1	21.70	18	23.42
Dec. 4	22.03	Aug. 6	23.48	8	22.70	25	23.25
11	21.00	13	23.15	15	23.09	Dec. 2	19.87
18	19.55	20	23.18	22	22.16	4	21.74
26	21.30	27	23.53	29	22.10	16	22.02
Jan. 2, 1962	21.64	Sept. 3	23.60	May 6	22.52	23	23.00
9	21.05	10	23.45	13	22.97	31	22.80
15	22.11	17	23.47				

Marshall County

395608N0804523. 1. Local number 4-3-8. Triangle Conduit & Cable Co. U. S. Highway 250, Glendale. Drilled unused water-table well in gravel, diam 10 in, depth 100 ft, cased. Lsd about 650 ft above msl. MP top edge of recorder-shelter base, 4.00 ft below lsd. Highest water level 54.27 below lsd, Jan. 30, 1952; lowest 73.80 below lsd, Nov. 8, 1957. Records available: 1950-63.

395608N0804523.1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	72.06	66.00	66.02	66.25	66.39	68.33	69.75	71.50	72.04	72.67	72.42	71.42
10	72.05	.....	66.11	65.77	66.47	68.14	69.70	71.69	72.19	72.67	72.20	71.29
15	72.29	65.45	66.11	65.86	67.22	68.93	69.39	71.83	72.31	72.77	72.06	70.75
20	71.73	64.77	65.87	66.38	67.40	69.23	69.79	71.91	.....	72.87	72.08	69.54
25	64.35	65.30	66.25	66.85	67.76	69.56	70.55	71.91	72.58	72.89	72.24	69.86
Eom	65.14	65.56	66.28	67.00	68.10	69.65	71.25	71.93	72.60	72.53	71.87	70.06

1960

5	69.30	.....	68.99	e68.91	.....	68.29	.....	e71.85	.....	.....	72.37	72.04
10	68.90	69.06	69.48	.....	.....	e68.80	.....	72.02	.....	.....	e72.32	72.26
15	69.16	68.46	69.88	e65.17	67.45	e69.07	.....	72.17	.....	.....	e72.37	e72.46
20	.....	68.00	e70.25	e66.17	67.25	e68.92	.....	72.27	.....	e72.40	e72.25	e72.53
25	e68.21	e68.38	70.66	e66.90	e67.55	e69.22	71.10	72.34	.....	e72.29	72.15	.....
Eom	68.56	.....	70.39	67.41	e68.03	69.67	e71.48	72.47	.....	72.29	e72.07	e72.41

1961

5	.....	e72.57	e67.22	65.10	e62.13	64.50	66.00	67.46	.....	69.19	70.32	69.90
10	.....	72.79	65.95	e65.15	e62.43	64.93	66.03	e67.63	68.37	e69.33	70.52	69.81
15	.....	.....	e65.03	64.90	e62.52	64.92	e66.25	67.74	e68.67	69.49	70.55	69.92
20	.....	71.98	e64.97	64.20	e63.08	e64.93	66.74	e67.78	e68.90	69.87	70.38	69.57
25	.....	e70.15	64.88	63.60	63.65	65.41	e66.87	68.15	e68.95	e70.08	70.22	69.06
Eom	.....	68.50	65.08	62.23	e64.47	65.99	e67.30	68.30	69.03	e70.28	69.66	e69.00

1962

5	69.37	e68.63	67.22	64.74	e64.88	e67.30	68.07	e70.21	71.86	72.23	72.95	71.25
10	69.07	e68.72	67.17	64.43	e65.32	e67.57	67.85	70.65	71.95	72.20	72.01	71.40
15	68.90	69.00	66.85	63.41	e65.68	67.82	e68.13	e70.95	72.13	72.12	71.83	71.73
20	e69.07	69.12	66.27	63.56	e66.12	e67.95	69.13	71.13	72.39	72.25	71.69	71.90
25	69.02	68.99	65.76	e63.97	66.57	e68.14	e69.60	71.33	72.37	72.35	71.06	71.65
Eom	68.42	68.35	65.12	e64.40	66.94	68.23	70.02	71.62	72.20	72.35	71.10	71.63

1963

5	71.17	71.54	71.73	63.52	66.53	68.47	.....	70.85	71.50	72.65	72.85	72.58
10	71.12	71.37	67.70	64.25	67.13	68.64	.....	71.11	71.66	72.76	72.90	72.68
15	70.78	71.66	67.60	64.98	67.45	68.67	70.10	71.30	71.80	72.63	73.00	72.72
20	70.68	71.77	66.52	65.66	67.51	69.08	69.80	71.17	72.04	72.28	72.93	72.95
25	71.06	71.83	63.22	65.85	68.03	69.35	70.42	71.29	72.23	72.70	72.77	73.03
Eom	71.39	71.94	63.18	66.20	68.13	.....	70.78	71.48	72.43	72.68	72.55	73.23

e Estimated.

Mason County

385450N0820646.1. Local number 38-3-53. West Virginia University. Ohio Valley Agr. Expt. Sta. West Virginia Rt. 2. Near Point Pleasant. Drilled irrigation water-table well in alluvial sand and gravel, diam 12 in, depth 73 ft, screened 61-73. Lsd about 600 ft above msl. MP edge east side of pump housing above hole, 1.40 ft above lsd. Highest water level 36.72 below lsd, May 27, 1963; lowest 41.49 below lsd, Mar. 3, 1961. Records available: 1958-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1959	38.13	Jan. 9, 1960	39.89	July 1, 1960	39.49	Dec. 17, 1960	40.88
9	38.24	15	39.92	8	39.56	24	40.95
16	38.28	22	39.97	22	39.62	Jan. 6, 1961	41.07
23	38.40	29	39.96	29	39.76	13	41.12
31	38.30	Feb. 5	39.91	Aug. 5	39.78	Feb. 3	41.32
Mar. 6	37.96	20	40.03	12	39.79	9	41.36
13	37.93	27	40.00	19	39.83	17	41.42
20	37.90	Mar. 4	39.94	26	39.89	24	41.47
Sept. 4	38.65	11	39.89	Sept. 2	39.94	Mar. 3	41.49
11	38.72	19	39.85	9	40.00	10	41.41
18	38.80	25	39.84	16	40.06	17	41.33
25	38.85	Apr. 4	39.98	23	40.11	24	41.23
Oct. 2	38.93	8	39.70	30	40.17	31	41.15
16	39.07	15	39.61	Oct. 7	40.23	Apr. 8	41.12
23	39.09	25	39.49	14	40.28	14	41.07
Nov. 6	39.34	May 2	39.43	21	40.35	21	41.01
13	39.37	6	39.41	28	40.41	May 8	40.81
20	39.44	13	39.38	Nov. 4	40.48	12	40.79
27	39.54	28	39.39	12	40.56	19	40.70
Dec. 11	39.66	June 6	39.38	18	40.60	26	40.58
18	39.74	13	39.38	25	40.67	June 2	40.45
26	39.79	17	39.42	Dec. 2	40.74	26	40.17
Jan. 1, 1960	39.84	24	39.46	10	40.81	July 24	39.89

385450N0820646.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 29, 1961	39.87	Feb. 26, 1962	40.44	Oct. 22, 1962	38.58	June 3, 1963	36.74
Aug. 4	39.82	Mar. 12	39.95	29	38.67	10	36.77
10	39.78	19	39.66	Nov. 5	38.76	24	37.02
21	39.76	26	39.42	12	38.84	July 8	37.15
25	39.74	Apr. 2	39.20	19	38.93	15	37.24
Sept. 1	39.74	9	38.94	26	39.00	22	37.32
9	39.77	17	38.69	Dec. 3	39.08	29	37.39
15	39.81	May 1	38.24	10	39.15	Aug. 12	37.55
23	39.81	7	38.05	17	39.22	21	37.71
30	39.86	14	37.86	24	39.30	26	37.77
Oct. 6	39.90	21	37.69	31	39.34	Sept. 2	37.86
13	39.91	June 4	37.44	Jan. 4, 1963	39.37	9	37.97
23	39.99	11	37.38	7	39.30	16	38.08
27	40.03	18	37.36	14	39.45	23	38.20
Nov. 3	40.06	26	37.37	21	39.50	30	38.32
10	40.10	July 2	37.38	28	39.56	Oct. 7	38.44
17	40.16	9	37.41	Feb. 4	39.58	14	38.53
24	40.21	16	37.50	18	39.62	21	38.63
Dec. 1	40.23	23	37.56	26	39.72	28	38.74
12	40.30	Aug. 2	37.64	Mar. 4	39.70	29	38.74
15	40.35	13	37.74	12	39.56	Nov. 4	38.85
22	40.37	20	37.81	18	39.21	11	38.95
Jan. 1, 1962	40.40	28	37.90	Apr. 1	38.13	16	39.05
8	40.44	Sept. 4	37.96	8	37.60	Dec. 2	39.26
15	40.48	10	38.03	15	37.29	9	39.36
22	40.50	24	38.19	23	37.08	16	39.27
Feb. 5	40.51	Oct. 1	38.30	May 20	36.75	23	39.58
12	40.44	8	38.37	27	36.72	30	39.69
19	40.45	15	38.47				

385451N0820620.1. Local number 38-3-54. West Virginia University. Ohio Valley Agr. Expt. Sta. Point Pleasant. Drilled unused artesian well in Conemaugh Formation of Late Pennsylvanian age, diam 6 in, depth 131 ft, cased to 60. Lsd about 615 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 24.36 below lsd, May 2, 1962; lowest 26.07 below lsd, Dec. 9, 1960, Jan. 11-14, 1961. Records available: 1959-63. Nov. 13, 1959, 25.80; Nov. 20, 25.83; Nov. 27, 25.76; Dec. 4, 25.75; Dec. 11, 25.74; Dec. 18, 25.70; Dec. 26, 25.74.

Lowest water level for the day, from recorder graph, 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	25.58	25.29	25.14	25.27	25.23	25.37	25.57	25.78	25.86	25.96	26.06
10	.....	25.51	25.27	25.20	.....	25.30	25.43	25.60	25.80	25.88	25.95	26.07
15	25.61	25.41	25.22	25.24	25.10	25.28	25.39	25.65	25.77	25.92	25.97	26.02
20	25.60	25.37	25.18	25.24	25.15	25.35	25.45	25.67	25.72	25.91	25.00	26.06
25	25.61	25.31	25.20	25.24	25.15	25.31	25.52	25.68	25.79	25.92	25.01	26.04
Eom	25.60	25.29	25.16	25.26	25.16	25.35	25.55	25.73	25.81	25.93	25.02	26.05

1961

5	e26.03	26.03	25.88	25.63	25.45	25.23	25.21	.....	25.41	25.59	25.71	25.77
10	26.06	25.99	25.78	25.62	25.29	25.16	25.23	.....	25.46	25.64	25.72	25.76
15	26.05	26.01	25.78	e25.56	25.28	25.10	25.14	.....	25.51	25.66	25.73	25.77
20	25.96	26.03	25.77	25.53	25.26	25.13	25.05	.....	25.53	25.65	25.74	25.68
25	26.00	25.99	25.74	25.47	25.25	25.14	.....	25.32	25.61	25.66	25.73	25.65
Eom	26.01	25.93	25.73	25.44	25.26	25.19	.....	25.37	25.65	25.70	25.76	.....

1962

5	.....	25.46	.....	24.55	24.39	24.64	24.80	24.99	25.16	25.32	25.46	25.36
10	.....	25.45	.....	24.47	24.43	24.71	24.84	25.03	25.21	.....	25.39	25.28
15	.....	25.44	.....	24.42	24.48	24.71	24.90	25.09	25.26	25.42	25.38	25.32
20	25.59	.....	24.77	24.41	24.53	24.75	24.89	25.14	25.30	25.46	25.35	25.34
25	25.53	.....	24.67	.....	24.55	24.74	24.86	25.24	25.33	25.49	25.36	25.30
Eom	25.50	.....	24.60	24.38	24.59	24.83	.....	25.26	25.29	25.46	25.37	25.26

1963

5	25.25	25.21	25.15	24.48	.....	24.55	24.76	25.05	.....	25.47	25.58	.....
10	25.23	25.21	25.06	24.44	.....	24.58	24.84	25.07	25.29	25.50	25.56	.....
15	.....	25.19	24.98	24.45	24.49	24.64	24.87	25.09	25.29	e25.55	25.60	.....
20	.....	.....	24.71	24.46	24.47	e24.69	24.92	25.08	25.34	25.53	.....	.....
25	25.20	.....	.....	24.44	24.52	e24.78	24.96	25.14	25.40	25.55	.....	.....
Eom	.....	25.21	.....	24.48	24.56	24.86	24.99	25.21	25.43	25.56	.....	.....

e Estimated.

Mercer County

372149N0810550.1. Local number 48-5-1. West Virginia Water Service Co. Company well No. 1. Princeton. Drilled unused artesian (?) well in sandstone and shale of Hinton Formation of Late Mississippian age, diam 6 in, depth 249 ft, cased. Lsd about 2,387 ft above msl. MP top of well, at lsd. Highest water level 6.52 below lsd, Apr. 26, 1962; lowest 46.59 below lsd, Aug. 21, 28, 1963. Records available: 1960-63.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22, 1960	9.20	Feb. 23, 1961	(f)	Jan. 4, 1962	18.85	Feb. 27, 1963	35.08
Apr. 7	8.54	Mar. 2	(f)	11	18.95	Mar. 6	33.15
13	9.53	9	(f)	18	16.35	13	30.59
20	10.06	16	24.00	25	12.50	20	24.03
27	11.05	23	21.42	Feb. 1	12.00	27	20.24
May 4	11.35	30	17.54	8	12.56	Apr. 3	20.29
11	11.45	Apr. 6	17.34	15	12.48	10	20.35
18	12.15	13	(f)	22	11.42	17	19.49
25	13.14	20	13.34	Mar. 1	11.00	24	19.50
June 1	13.70	27	12.81	8	9.36	May 1	21.46
8	14.80	May 4	12.37	15	9.20	8	20.63
15	14.87	11	12.00	22	12.37	15	20.58
22	15.45	18	12.90	29	14.15	22	23.40
29	14.45	25	13.26	Apr. 5	15.95	29	35.10
July 6	14.36	June 1	13.96	12	12.00	June 5	37.12
13	14.77	8	16.44	19	6.94	12	38.36
20	15.85	15	17.91	26	6.52	19	39.54
27	16.80	22	16.32	May 4	14.17	26	39.64
Aug. 3	17.35	29	14.00	10	15.60	July 3	42.08
11	17.80	July 6	13.54	17	11.36	10	44.63
18	21.25	13	13.83	24	19.46	17	44.69
24	21.57	20	15.43	31	22.48	24	45.38
Sept. 1	26.26	27	15.45	June 7	25.72	31	45.53
7	29.14	Aug. 3	15.40	14	30.65	Aug. 7	45.32
14	31.10	10	16.40	21	39.70	14	45.26
22	26.52	17	16.23	28	44.30	21	46.59
29	21.25	24	16.50	Oct. 17	36.00	28	46.59
Oct. 6	24.10	31	16.46	24	36.50	Sept. 4	45.10
13	24.03	Sept. 7	16.30	31	42.30	11	45.65
20	24.27	14	17.00	Nov. 7	38.90	18	45.58
27	24.54	21	17.56	14	38.60	25	44.10
Nov. 3	25.00	28	16.65	21	38.50	Oct. 2	44.08
10	32.90	Oct. 5	19.00	28	39.40	9	44.05
17	36.15	12	17.50	Dec. 5	35.80	16	44.05
24	39.80	19	18.00	12	33.10	23	44.64
Dec. 1	40.80	26	18.21	19	41.65	30	46.20
8	42.70	Nov. 2	15.73	26	40.58	30	43.48
15	42.80	9	14.34	Jan. 2, 1963	38.55	Nov. 6	43.10
22	40.60	16	15.00	9	37.25	13	44.37
29	38.60	23	13.45	16	36.08	20	44.10
Jan. 5, 1961	40.60	30	12.40	23	37.47	27	45.21
12	42.20	Dec. 7	11.26	30	37.29	Dec. 4	45.29
19	40.30	14	16.25	Feb. 6	36.26	11	45.11
26	40.80	21	16.50	13	36.10	18	45.16
Feb. 9	39.00	28	(j)	20	36.27	25	45.05
16	38.20						

f Flooded.

j Well frozen over.

Monongalia County

393737N0795729.1. Local number 9-6-27. T. J. Johnson. East end of Foundry St. Morgantown. Drilled unused artesian well in sandstone of Pottsville Formation of Early to Middle Pennsylvanian age, diam 10 in, depth 875 ft, cased to 425. Lsd about 840 ft above msl. MP upper edge of T-fitting in air line, 2.25 ft below lsd. Highest water level 47.56 below lsd, July 29, 1960; 166.41 below lsd, Sept. 10, 1945. Records available: 1941-63.

Feb. 3, 1959	84.07	Aug. 18, 1959	86.18	May 5, 1960	78.98	Nov. 30, 1960	72.88
Mar. 10	83.73	Sept. 29	84.13	21	77.98	Dec. 31	72.55
31	84.27	Oct. 31	85.21	June 30	75.58	Feb. 1, 1961	72.92
May 5	85.11	Dec. 3	85.04	July 29	47.56	Mar. 2	72.30
June 3	84.83	Feb. 2, 1960	83.29	Aug. 31	72.42	31	72.19
July 4	83.79	Mar. 16	82.49	Oct. 4	72.42	May 3	72.65
29	84.24	Apr. 1	81.58	29	72.31	June 1	72.42

393737N0795729.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 30, 1961	73.23	Feb. 23, 1962	67.57	Nov. 1, 1962	75.96	June 28, 1963	75.76
July 28	73.13	Mar. 30	73.38	30	76.59	July 24	75.09
Sept. 1	70.62	May 1	71.90	Dec. 28	76.17	Aug. 30	76.35
29	65.59	31	70.27	Feb. 4, 1963	75.75	Sept. 25	77.36
Oct. 31	69.63	July 2	72.83	28	76.58	Nov. 1	76.20
Nov. 29	69.25	30	73.08	Mar. 29	74.90	26	78.27
Dec. 28	72.54	Aug. 31	75.32	Apr. 29	76.23	Dec. 19	78.99
Jan. 31, 1962	70.90	Sept. 29	75.18	May 31	75.03		

393411N0795023.1. Local number 9-6-45. Deckers Creek Sand Co. Greer. Drilled unused artesian well in sandstone of Pocono Formation of Mississippian age, diam 8 in, depth 105 ft, cased to 48. Lsd about 1,460 ft above msl. MP top southwest edge of casing, at lsd. Highest water level 8.90 below lsd, Jan. 28, 1952; lowest 33.77 below lsd, Sept. 3, 1946 (previously reported 32.67 below lsd, Sept. 16, 1946). Records available: 1941-63.

Feb. 3, 1959	9.72	May 5, 1960	10.44	July 28, 1961	10.02	Nov. 1, 1962	10.77
Mar. 10	9.61	21	10.04	Sept. 1	10.54	30	9.94
31	9.72	June 30	11.20	29	10.52	Dec. 28	9.75
May 5	9.92	July 29	10.37	Oct. 31	10.14	Feb. 4, 1963	9.33
June 2	10.24	Aug. 31	11.31	Nov. 29	9.73	28	9.97
July 4	11.58	Sept. 29	10.81	Dec. 28	9.57	Mar. 29	9.70
29	11.46	Oct. 29	10.57	Jan. 31, 1962	9.47	Apr. 29	9.86
Aug. 18	11.97	Nov. 30	10.22	Feb. 23	9.48	May 31	10.00
Sept. 29	14.77	Dec. 31	9.62	Mar. 30	9.60	June 28	10.24
Oct. 31	11.07	Feb. 1, 1961	9.97	May 1	9.57	July 24	10.46
Dec. 3	8.97	Mar. 2	9.33	31	9.73	Aug. 30	10.85
Jan. 5, 1960	9.44	31	9.53	July 2	10.38	Sept. 25	11.73
Feb. 4	10.05	May 3	9.45	30	10.66	Nov. 1	17.99
Mar. 16	9.95	31	9.71	Aug. 31	27.68	29	10.51
Apr. 1	9.07	June 30	9.89	Sept. 29	11.00	Dec. 19	10.35

392923N0795718.1. Local number 9-7-33. Paul H. Price. Halleck. Drilled unused water-table well in Buffalo and Mahoning Sandstone Members of Conemaugh Formation of Late Pennsylvanian age, diam 6 in, depth 141 ft, cased to 21. Lsd about 1,850 ft above msl. MP top of casing, 0.35 ft (previously reported 0.85 ft) above lsd. Highest water level 40.95 below lsd, Jan. 4, 1960; lowest 69.95 below lsd, Oct. 29, 1960. Records available: 1953-63.

May 5, 1959	50.05	July 29, 1960	69.82	Nov. 29, 1961	46.95	Dec. 28, 1962	47.03
June 3	53.35	Aug. 31	67.57	Dec. 28	47.58	Feb. 4, 1963	47.02
July 4	61.60	Sept. 29	65.29	Jan. 31, 1962	48.45	28	48.84
29	62.35	Oct. 29	69.95	Feb. 23	47.52	Mar. 29	47.53
Aug. 18	62.28	Nov. 30	64.75	Mar. 12	46.49	Apr. 30	49.54
Sept. 29	62.10	Dec. 31	52.45	30	46.65	May 31	63.68
Oct. 31	62.42	Feb. 1, 1961	56.27	May 1	50.91	June 28	60.17
Dec. 3	48.15	Mar. 2	51.59	31	63.21	July 24	65.35
Jan. 4, 1960	40.95	31	53.73	July 2	63.89	Aug. 30	65.86
Feb. 2	42.02	May 3	51.88	30	65.34	Sept. 25	65.64
Mar. 16	54.65	June 30	62.68	Aug. 31	65.88	Oct. 28	68.82
Apr. 1	45.90	July 28	53.31	Sept. 29	66.23	Nov. 4	68.02
May 5	48.80	Sept. 1	63.43	Nov. 1	65.29	29	68.77
21	44.62	29	65.09	30	52.50	Dec. 19	66.39
June 30	67.37	Oct. 31	65.25				

Ohio County

400736N0803600.1. Local number 3-2-46. Ohio County Farm and Sanitarium. Drilled unused water-table well in Dunkard Group of Pennsylvanian and Permian ages, diam 6 in, depth 160 ft. Lsd 1,253.19 ft above msl. MP top of welded nipple on well cover, 6.60 ft below lsd. Highest water level 62.96 below lsd, Apr. 24, 1961; lowest 121.08 below lsd, Nov. 1, 1961. Records available: 1960-62. Measurement discontinued.

Sept. 12, 1960	120.08	June 5, 1961	68.25	Dec. 8, 1961	111.07	May 8, 1962	95.22
Dec. 27	119.39	July 1	103.19	Jan. 8, 1962	75.89	June 6	116.21
Feb. 10, 1961	106.63	Aug. 4	77.17	Feb. 5	71.82	29	118.62
Mar. 20	65.49	Sept. 6	114.28	Mar. 9	67.86	Aug. 3	120.61
28	67.83	Oct. 6	119.43	Apr. 16	63.40	Nov. 21	102.63
Apr. 24	62.96	Nov. 1	121.08				

400753N0803646. 1. Local number 3-2-93. Valley Camp Coal Co. Roneys Point Run. Northwest of U. S. Route 40. Drilled unused water-table well in Dunkard Group of Pennsylvanian and Permian ages, diam 10 in, depth 80 ft, cased to 30. Lsd about 1,100 ft above msl. MP edge of hole in cover plate, 1.40 ft above lsd. Highest water level 6.64 below lsd, Apr. 24, 1961; lowest 8.20 below lsd, Aug. 3, 1962. Records available: 1960-62. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 17, 1960	7.99	Apr. 24, 1961	6.64	Nov. 1, 1961	7.92	Apr. 16, 1962	6.94
Feb. 10, 1961	7.91	June 5	7.16	Dec. 8	8.05	May 8	7.46
Mar. 3	7.00	July 1	7.64	Jan. 8, 1962	7.43	June 6	7.79
20	7.15	Sept. 6	8.12	Feb. 5	7.28	Aug. 3	8.20
28	7.23	Oct. 6	8.13	Mar. 9	7.09	Nov. 21	7.38

Preston County

393306N0794745. 1. Local number 11-3-8. G. E. Lemmons. East Depot St., Masontown. Drilled domestic artesian well in sandstone of Pottsville Formation of Early to Middle Pennsylvanian age, diam 8 in, depth 785 ft, cased. Lsd about 1,770 ft above msl. MP top north edge of casing, 3.00 ft below lsd. Highest water level 7.70 below lsd, Mar. 14, 1947; lowest 108+ below lsd, Feb. 3, 1959. Records available: 1942-63.

Feb. 3, 1959	108.+	May 4, 1960	105.80	July 28, 1961	92.93	Nov. 1, 1962	106.70
Mar. 10	104.3+	21	104.77	Sept. 1	95.66	30	95.53
31	105.13	June 30	106.60	29	100.82	Dec. 28	95.63
May 5	105.32	July 29	106.43	Oct. 31	98.75	Feb. 4, 1963	96.69
June 2	105.90	Aug. 31	106.29	Nov. 29	90.54	28	96.84
July 4	106.51	Sept. 29	105.38	Dec. 28	88.04	Mar. 29	93.43
29	106.73	Oct. 29	106.32	Jan. 31, 1962	87.05	Apr. 29	99.16
Aug. 18	106.91	Nov. 30	105.48	Feb. 23	91.78	May 31	100.41
Sept. 29	107.35	Dec. 31	105.75	Mar. 30	88.15	June 28	99.34
Oct. 31	107.65	Feb. 1, 1961	106.20	May 1	89.74	July 24	100.35
Dec. 3	107.12	Mar. 2	68.54	31	100.93	Aug. 30	100.85
Jan. 5, 1960	106.65	31	79.08	July 2	98.24	Sept. 25	101.22
Feb. 4	105.85	May 3	70.73	30	100.60	Nov. 1	101.96
Mar. 16	106.32	31	92.50	Aug. 31	102.57	29	101.91
Apr. 1	105.07	June 30	88.50	Sept. 29	102.39	Dec. 19	100.64

393304N0794740. 1. Local number 11-3-67. Harold Trickett. East Depot St., Masontown. Drilled domestic artesian (?) well in Conemaugh Formation of Late Pennsylvanian age, diam 6 in, depth 35 ft, cased to 33. Lsd about 1,815 ft above msl. MP top of casing, at lsd. Highest water level 21.47 below lsd, Dec. 9, 1958; lowest 34.40 below lsd, Sept. 29, 1960, Nov. 29, 1963. Records available: 1958-63.

May 26, 1958	26.24	Oct. 31, 1959	27.89	Mar. 31, 1961	26.69	Aug. 31, 1962	30.30
June 30	25.97	Dec. 3	24.22	May 3	26.49	Sept. 29	29.55
July 31	22.35	Jan. 5, 1960	23.66	31	27.41	Nov. 1	28.02
Sept. 1	25.53	Feb. 4	23.96	June 30	27.79	30	26.62
30	26.57	Mar. 16	26.38	July 28	28.07	Dec. 28	25.87
Oct. 30	29.03	Apr. 1	22.48	Sept. 1	31.26	Feb. 4, 1963	32.30
Dec. 9	21.47	May 5	28.48	29	28.30	28	28.32
30	30.44	21	27.53	Oct. 31	27.84	Mar. 29	25.79
Feb. 3, 1959	22.48	June 30	32.31	Nov. 29	25.78	Apr. 29	28.00
Mar. 10	21.89	July 29	30.14	Dec. 28	26.47	May 31	28.79
31	22.95	Aug. 31	29.04	Jan. 31, 1962	26.20	June 28	29.82
Apr. 5	33.33	Sept. 29	34.40	Feb. 23	27.25	July 24	30.22
May 2	33.68	Oct. 29	29.84	Mar. 30	26.99	Aug. 30	33.44
June 4	31.92	Nov. 30	28.82	May 1	29.17	Sept. 25	34.23
July 29	29.01	Dec. 31	28.12	31	28.17	Nov. 1	34.27
Aug. 18	32.64	Feb. 1, 1961	28.15	July 2	27.57	29	34.40
Sept. 29	32.07	Mar. 2	26.83	30	27.80	Dec. 19	27.43

Putnam County

383153N0815542. 1. Local number 39-2-7. Coralynn Co., Inc. Eleanor. Drilled unused water-table (?) well in Quaternary alluvium, diam 8 in, depth 54 ft, 10-in casing to 45, screened 44-54. Lsd about 580 ft above msl. MP top of casing, 7.00 ft above lsd. Highest water level 28.06 below lsd, Apr. 17, 1960; lowest 32.27 below lsd, Nov. 16, 1960. Records available: 1959-61. Measurement discontinued.

383153N0815542.1--Continued.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.13	29.89	30.05	.....	.....	30.75	.....	.....	.....	31.63	.....
10	30.14	30.04	29.90	.....	.....	.....	.....	.....	.....	31.63	.....
15	30.07	30.10	.....	29.65	30.31	.....	.....	.....	31.56	31.66	31.23
20	29.86	29.92	29.53	.....	.....	.....	.....	.....	31.55	31.66	31.12
25	29.77	30.11	29.45	.....	.....	31.07	.....	.....	.....	.....	.....
Eom	29.77	29.95	.....	.....	30.61	31.10	.....	.....	.....	.....	.....

1960

5	.....	30.86	.....	29.54	.....	.....	.....	31.35	.....	31.77	32.03	.....
10	30.90	.....	.....	28.54	.....	.....	.....	31.36	.....	.....	32.07	.....
15	30.99	.....	.....	28.08	29.70	.....	31.03	31.40	.....	.....	.....	.....
20	.....	30.37	.....	28.32	29.76	.....	31.10	.....	.....	31.87	.....	.....
25	.....	.....	30.55	.....	.....	.....	31.16	.....	.....	.....	.....	.....
Eom	30.78	30.03	30.32	.....	.....	.....	31.28	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18, 1961	30.94	Apr. 8, 1961	29.53	July 20, 1961	30.28	Oct. 16, 1961	31.36
Feb. 13	30.47	May 23	29.78	Aug. 11	30.53	Nov. 4	31.36
Mar. 11	30.01	June 22	30.02	Sept. 19	31.08	Dec. 1	31.17

Raleigh County

374607N0811222.1. Local number 43-3-8. Raleigh Bottling & Ice Co. Mabsco't. Drilled unused artesian well in New River Formation of Early Pennsylvanian age, diam 8 in, depth 475 ft, cased to 40. Lsd about 2,285 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 16.64 below lsd, Mar. 13, 1963; lowest 33.72 below lsd, Aug. 17, 1959. Records available: 1959-63. Recorder removed July 24, 1962.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.91
10	33.59	.....	.....	.....	28.42
15	32.59	.....	.....	27.66
20	31.21	26.16
25	30.57	25.12
Eom	29.92	.....

1960

5	24.25	23.14	22.28	20.75	22.90	24.32	.....	28.89	31.62	31.10	32.74	30.98
10	23.79	23.05	22.41	20.80	23.16	24.82	25.53	29.09	32.16	31.58	32.53	31.02
15	23.46	22.98	22.55	20.96	23.38	25.27	26.41	29.28	31.68	31.85	31.85	30.84
20	23.34	22.94	22.53	21.45	23.58	25.68	26.77	29.55	30.99	32.14	31.36	30.55
25	23.29	22.67	22.41	21.86	23.90	.....	27.29	30.15	30.58	32.41	31.08	30.42
Eom	23.23	22.51	21.22	22.36	24.09	.....	28.11	30.97	30.70	32.66	31.04	28.95

1961

5	28.74	24.95	21.95	21.37	21.08	22.31	22.23	22.82	25.73	30.23	29.55	27.72
10	28.05	e24.47	21.91	21.67	20.83	22.61	22.68	23.20	25.82	e30.43	29.44	27.46
15	27.56	e24.10	21.60	21.65	20.81	22.68	23.04	23.67	26.77	30.73	29.47	25.31
20	26.98	e23.53	21.57	21.73	21.06	e22.06	22.97	24.13	27.30	31.20	29.58	24.07
25	25.48	e22.95	21.50	21.34	21.39	e21.73	22.92	24.72	28.10	30.45	29.22	23.08
Eom	25.03	e22.61	21.27	21.26	21.94	e21.95	22.76	25.22	29.70	29.60	28.32	22.42

1962

5	.....	19.94	.....	20.58	.....	24.03	23.04	.....	.....	.....	.....	.....
10	.....	20.07	.....	20.80	.....	24.05	22.62	.....	.....	.....	.....	.....
15	21.33	19.98	.....	20.68	.....	23.87	22.51	.....	.....	.....	.....	.....
20	21.12	20.04	.....	20.77	.....	23.70	21.67	.....	.....	.....	.....	.....
25	20.66	19.90	19.84	.....	23.24	23.50	.....	.....	.....	.....	.....	.....
Eom	20.31	.....	20.08	.....	23.66	23.23	.....	.....	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 12, 1962	21.40	Jan. 30, 1963	19.44	Mar. 20, 1963	16.72	May 8, 1963	20.37
19	21.17	Feb. 6	19.48	27	17.26	15	20.95
26	20.31	13	19.52	Apr. 3	17.79	23	20.77
Jan. 2, 1963	19.67	20	19.49	11	18.43	29	20.59
9	19.65	27	19.64	17	18.89	June 5	19.92
16	19.53	Mar. 6	17.39	24	19.59	12	19.68
23	19.40	13	16.64	May 1	19.97	19	20.34

374607N0811222.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 26, 1963	20.59	Aug. 14, 1963	22.06	Oct. 3, 1963	23.90	Nov. 21, 1963	29.55
July 3	20.99	21	22.21	9	25.92	27	29.31
11	21.59	28	21.61	17	25.99	Dec. 4	26.83
18	22.38	Sept. 4	21.82	24	27.02	12	24.57
24	22.69	11	22.29	30	28.38	18	23.99
31	22.22	18	22.50	Nov. 6	29.39	25	22.39
Aug. 7	22.24	25	23.89	14	29.46		

Wayne County

382424N0823527.1. Local number 50-1-5. Ashland Oil & Refining Corp. Kenova. Drilled unused water-table well in gravel, diam 6 in, depth 73 ft, cased to 63, screened 63-73. Lsd about 548 ft above msl. MP top of casing, 4.90 ft above lsd. Highest water level 19.38 below lsd, Oct. 30, 1956; lowest 43.14 below lsd, Dec. 11, 1953. Records available: 1942-46, 1948-63.

Jan. 9, 1959	40.60	Jan. 15, 1960	38.43	Jan. 13, 1961	42.18	Jan. 12, 1962	32.87
16	40.66	22	38.62	20	42.10	19	32.68
23	40.10	29	38.52	31	42.06	26	32.33
30	39.87	Feb. 5	38.23	Feb. 3	41.97	31	32.27
Feb. 6	39.10	12	37.89	10	41.81	Feb. 9	32.10
13	38.02	19	37.68	17	41.68	16	31.89
20	37.10	29	37.48	28	41.56	23	31.68
27	36.58	Mar. 4	37.52	Mar. 3	41.10	28	31.41
Mar. 6	36.39	11	37.68	10	40.01	Mar. 9	31.02
13	36.29	18	37.77	17	38.51	16	30.81
20	36.27	25	37.83	24	36.68	23	30.43
31	36.22	31	37.93	31	35.19	30	30.10
Apr. 3	36.10	Apr. 8	36.10	Apr. 7	35.01	Dec. 11	38.61
10	35.98	15	35.18	14	34.80	16	28.70
17	35.87	22	34.95	21	34.54	24	28.57
24	35.81	29	35.06	28	33.91	Jan. 2, 1963	28.49
30	35.67	May 6	35.31	May 5	33.01	9	28.45
May 1	35.60	13	36.02	12	32.29	18	28.48
8	35.91	20	36.50	19	32.43	29	28.53
15	36.02	27	36.60	26	32.34	Feb. 9	28.58
22	36.10	June 3	36.93	31	32.64	Apr. 5	25.60
29	36.27	10	37.23	June 2	33.01	13	26.34
June 5	36.52	17	37.58	9	33.35	20	26.80
12	37.93	24	37.81	16	33.85	28	25.39
19	37.39	30	38.08	23	34.20	May 6	25.73
26	37.76	July 8	38.73	30	34.60	19	26.25
July 3	38.18	15	38.93	July 8	35.06	26	26.53
10	38.56	22	39.18	15	35.52	June 1	26.67
17	39.02	29	39.41	22	35.80	12	26.80
24	39.27	Aug. 5	39.68	Aug. 4	36.47	21	27.00
31	39.43	12	39.89	11	36.68	July 2	27.26
Aug. 7	39.68	19	40.08	18	36.93	13	28.00
14	39.89	26	40.14	25	37.22	19	27.58
21	40.10	30	40.27	31	37.22	Aug. 6	27.58
31	40.27	Sept. 2	40.35	Sept. 8	37.02	16	28.00
Sept. 4	40.43	9	40.50	15	36.47	22	28.04
11	40.66	16	40.68	22	36.74	29	28.06
18	40.75	23	40.83	29	36.70	Sept. 5	28.10
30	40.95	30	40.91	Oct. 6	36.39	14	28.23
Oct. 9	41.10	Oct. 7	41.10	13	35.93	23	28.29
16	41.23	14	41.18	20	35.64	Oct. 4	28.37
23	41.41	21	41.31	27	35.43	12	28.46
30	41.52	31	41.43	31	35.24	18	28.54
Nov. 6	41.51	Nov. 4	41.54	Nov. 3	35.14	28	28.55
13	41.60	11	41.64	10	34.85	30	28.54
20	41.64	18	41.75	17	34.66	Nov. 2	28.57
29	41.70	30	41.79	24	34.45	9	28.56
Dec. 4	41.68	Dec. 2	41.89	30	34.30	29	28.60
11	41.27	9	41.97	Dec. 8	34.06	Dec. 7	28.63
18	40.81	16	42.04	15	33.68	13	28.69
25	40.27	23	42.10	22	33.47	22	28.70
30	40.00	30	42.14	29	33.29	27	28.78
Jan. 8, 1960	38.23	Jan. 6, 1961	42.20	Jan. 5, 1962	33.10		

Wood County

391712N0813332.1. Local number 27-3-22. City of Parkersburg. Drilled unused water-table well in gravel, diam 5 in, depth 55 ft, cased to 55. Lsd about 601 ft above ms'. MP top of casing, 3.00 ft above lsd. Highest water level 18.03 below lsd, Mar. 23, 1963; lowest 37.75 below lsd, Feb. 12, 1948. Records available: 1943-44, 1946-63.

Lowest water level for the day, from recorder graph, 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	32.55	27.95	28.50	29.18	28.82	.....	.....	32.16	.....	.....	.....	.....
10	32.94	28.00	28.62	.....	29.83	.....	.....	.....	.....	.....	.....	.....
15	32.81	24.83	28.38	29.18	29.74	.....	31.82	.....	.....	.....	.....	.....
20	32.13	24.82	28.38	29.91	30.23	.....	31.98	.....	.....	.....	.....	.....
25	.....	.....	28.37	30.28	.....	.....	32.07	.....	.....	.....	.....	.....
Eom	27.14	27.74	.....	29.53	30.50	.....	32.12	.....	.....	.....	.....	.....

1960

5	.....	.....	31.42	.....	.....	30.74	30.52	31.29	31.58	32.14	.....	33.13
10	.....	30.57	31.53	.....	.....	30.92	30.63	31.34	31.75	32.23	32.86	33.22
15	.....	29.01	.....	.....	.....	30.90	30.90	31.35	31.81	32.29	32.87	33.32
20	.....	29.74	.....	.....	.....	30.80	31.08	31.41	31.91	32.43	32.96	33.40
25	.....	30.07	.....	.....	.....	30.99	31.13	31.39	31.95	32.49	33.07	33.47
Eom	.....	31.31	.....	.....	30.35	31.07	31.21	31.47	32.09	.....	33.10	33.43

1961

5	33.53	34.12	.....	.....	.....	.....	29.93	.....	31.14	31.73	32.04	.....
10	33.59	34.12	.....	.....	.....	.....	30.16	.....	31.27	31.77	32.03	.....
15	33.62	33.86	.....	.....	.....	.....	30.32	.....	31.44	.....	31.86	.....
20	.....	32.93	.....	.....	.....	.....	30.45	.....	31.60	.....	31.88	.....
25	33.71	31.41	.....	.....	.....	29.36	30.52	.....	31.61	.....	31.80	.....
Eom	33.96	.....	.....	.....	.....	29.64	.....	31.03	.....	31.95	30.98	31.52

1962

5	31.60	.....	.....	.....	.....	.....	.....	31.19	31.42	31.50	31.65	29.00
10	30.55	.....	.....	.....	.....	.....	.....	31.19	31.29	31.48	30.92	29.19
15	31.40	.....	.....	.....	.....	.....	.....	31.00	31.34	31.45	31.10	29.26
20	31.48	.....	.....	.....	.....	.....	.....	31.01	31.35	31.41	31.00	29.31
25	30.68	.....	.....	.....	.....	.....	.....	31.07	31.33	31.50	30.95	29.18
Eom	.....	.....	.....	.....	.....	.....	.....	31.20	31.35	.....	31.05	29.17

1963

5	29.10	.....	30.80	.....	.....	30.60	31.05	.....	31.40	32.46	32.34	32.68
10	29.19	.....	24.56	.....	.....	30.14	31.27	.....	31.42	32.25	32.43	32.73
15	28.40	32.91	24.55	.....	29.84	30.30	.....	31.16	31.70	32.21	32.50	32.80
20	28.75	33.00	21.30	.....	30.08	30.64	.....	31.18	31.67	.....	32.54	32.82
25	28.89	33.00	19.10	.....	30.30	30.83	.....	31.21	31.79	32.26	.....	32.90
Eom	29.37	32.91	.....	.....	30.60	30.98	.....	31.20	32.40	32.31	.....	32.95

e Estimated.