

Ground-Water Levels in the United States, 1964-68

Southeastern States

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1978

*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

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GEOLOGICAL SURVEY

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Library of Congress catalog-card No. GS 62-286

PREFACE

This report was prepared by the U.S. 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, E. L. Hendricks, chief hydrologist, G. W. Whetstone, assistant chief for Reports and Data Processing, under the general direction of G. A. Billingsley, chief, Reports Section, and B. A. Anderson, chief, Data Reports Unit.

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GROUND-WATER LEVELS IN THE UNITED STATES 1964-68

SOUTHEASTERN STATES

INTRODUCTION

Publication of records of water levels in the United States in water-supply papers was begun by the Geological Survey in 1935. From 1935 through 1939, a single water-supply paper for each year covering the entire nation was issued (Water-Supply Papers 777, 817, 840, 845, and 886). Since then water-supply papers have been issued covering 6 separate sections of the United States as shown in figure 1. See table on page 2 for the number of the water-supply paper containing records by year and section.

Beginning in 1956, only water-level data from a basic network of observation wells have 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.

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 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 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 change 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 equipment and techniques used are those that will insure that measurements at each well are consistent.

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. 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 by the Water Resources Division of the Geological Survey under the direction of personnel listed in the preface.

Numbers of water-supply papers containing records of water levels
in the United States, 1940-68

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

Numbers of water-supply papers containing records of water levels
in the United States, 1940-68--Continued

Year	North- eastern (1)	South- eastern (2)	North- central (3)	South- central (4)	North- western (5)	South- western (6)
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	.....	.....	.....	.....
1960-64	.....	.....	.....	1824	.....	.....
1961-65	.....	.....	.....	.....	1845	1855
1962-66	.....	.....	1976	.....	.....	.....
1963-67	1977	.....	.....	.....	.....	.....
1964-68	.....	1978	.....	.....	.....	.....

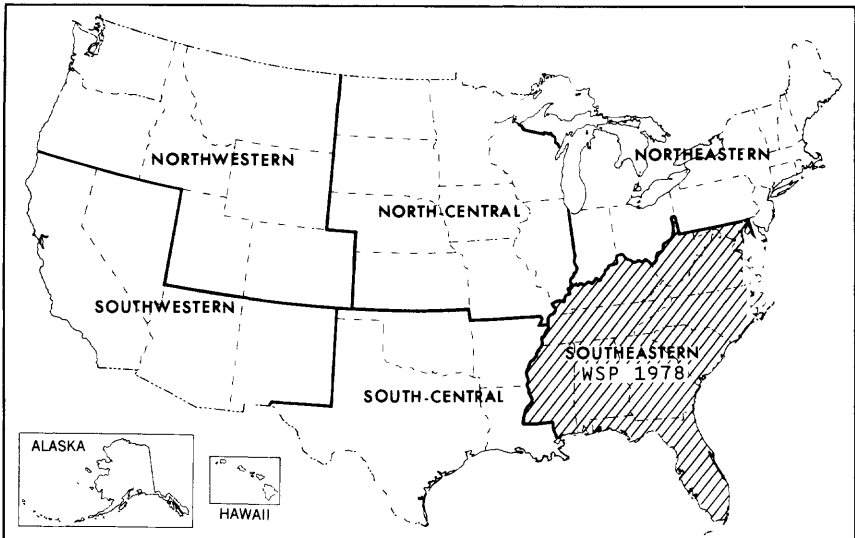


Figure 1.--Map of the United States showing States in this volume.

ALABAMA

The observation well program in Alabama was continued during the 5-year period 1964-1968 in cooperation with the Geological Survey of Alabama. Figure 2 shows the location of observation wells included in this report.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on p. 1. Local well numbers are also given. 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.

Baldwin County

302435N0874140.1. Local number Bal-1. Riviera Utilities. In waterworks lot, at Foley. Dri'lled unused artesian well in sand and gravel of Miocene age, diam 10 in, depth 134 ft, cased to 94, slotted 94-134. Lsd 76 ft above msl. MP top of 10-in casing, 0.70 ft above lsd, since 1964. Highest water level 15.0 below lsd. Oct. 13, 1959; lowest 31.2 below lsd, June 22, 1956. Records available: 1949-68. Affected by pumping of nearby wells. Measurements made by Riviera Utilities. Prior to April 1957 measurements made in a nearby well.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.2	25.7	25.2	24.4	23.5	23.3	23.6	23.7	23.1	24.1	24.4	24.7
10	26.3	25.7	25.0	24.3	23.5	23.3	23.6	23.6	23.1	23.8	24.4	24.6
15	26.1	25.6	24.9	24.2	23.2	23.3	23.7	23.3	23.1	24.1	24.4	24.7
20	26.2	25.5	24.8	24.0	23.1	23.5	23.6	23.2	23.1	24.2	24.6	24.7
25	26.0	25.4	24.6	23.9	23.2	23.6	23.7	23.2	23.2	24.1	24.5	e24.8
Eom	25.9	25.3	24.5	23.8	23.2	23.5	23.7	23.2	23.2	24.3	24.4	24.6
1965												
5	e24.7	24.7	e24.0	23.7	24.3	24.5	24.5	24.6	23.7	23.0	21.8	22.2
10	e24.6	24.6	24.1	23.6	24.0	24.3	24.5	24.4	23.5	22.6	22.0	22.4
15	24.7	24.5	23.9	23.7	24.1	24.5	23.6	24.1	23.5	22.5	22.0	22.4
20	24.7	24.3	23.9	23.9	24.2	24.5	24.5	24.2	23.3	22.2	22.0	22.4
25	24.6	24.4	23.7	23.9	24.2	24.6	24.5	24.1	23.3	22.2	22.0	22.4
Eom	24.6	23.9	23.7	23.8	24.3	24.5	24.5	23.9	23.2	21.8	21.7	22.4
1966												
5	22.5	22.7	21.9	21.4	21.6	22.2	22.7	23.1	22.9	22.9	23.0	22.7
10	22.6	22.6	21.8	21.3	21.8	22.5	....	23.0	22.9	23.0	23.1	22.8
15	22.6	22.4	21.6	21.5	21.8	22.6	22.8	23.0	22.8	22.9	23.2	22.8
20	22.7	22.3	21.4	21.6	22.0	22.6	22.8	22.9	21.9	22.8	22.9	22.7
25	22.6	22.3	21.5	21.6	22.0	22.6	22.8	23.0	22.8	22.9	22.7	21.9
Eom	22.7	22.1	21.4	21.6	22.1	22.6	23.0	23.0	22.8	22.8	22.9	22.7
1967												
5	22.6	22.0	21.6	22.0	22.3	23.2	23.7	24.1	24.4	....	24.2	24.6
10	22.4	22.0	21.7	22.1	22.6	23.3	23.8	24.2	24.1	24.1	24.3	24.4
15	22.4	21.8	21.8	22.1	22.6	23.5	23.4	24.3	24.1	24.0	24.4	24.6
20	22.3	21.7	21.8	22.2	22.8	23.5	23.8	24.3	24.0	24.2	24.4	24.6
25	22.0	21.8	21.8	22.3	22.9	23.5	23.9	24.3	24.0	24.2	24.5	24.5
Eom	22.2	21.7	22.0	22.2	23.1	23.6	24.0	24.2	24.1	24.3	24.4	24.6
1968												
5	24.7	24.5	24.7	24.8	25.1	25.6	26.1	26.3	26.6	26.9	27.2	27.6
10	24.6	24.5	24.6	24.8	25.2	25.6	26.2	26.3	26.7	27.0	27.2	....
15	....	24.6	24.7	24.8	25.2	25.8	26.1	26.4	26.7	27.0	27.4	....
20	....	24.5	24.7	24.9	25.2	25.9	26.1	26.4	26.2	27.1	27.4	27.8
25	24.5	24.6	24.7	25.0	25.3	25.9	26.1	26.4	26.3	27.2	27.5	27.8
Eom	24.5	24.7	24.7	25.1	25.4	25.8	26.2	26.5	26.8	27.2	....	....
e Estimated.												

e Estimated.

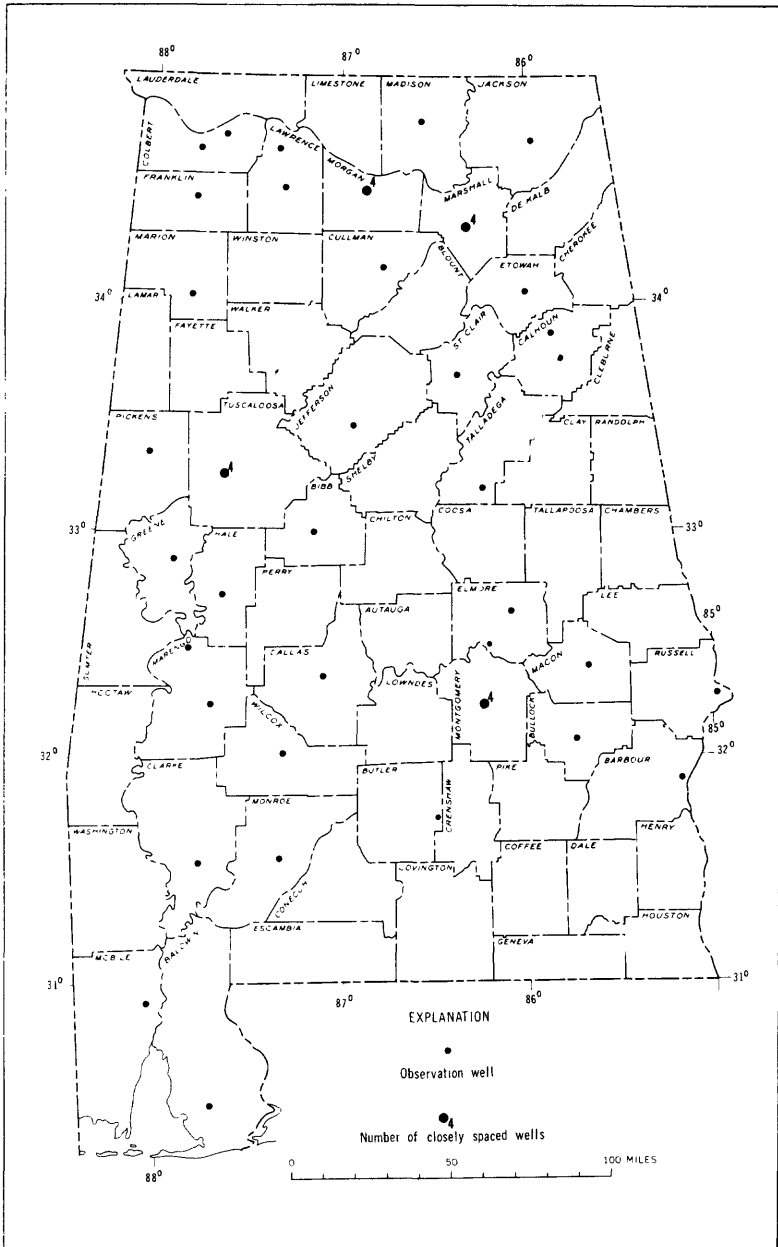


Figure 2.--Location of observation wells in Alabama, 1964-68.

Barbour County

315322N0850825.1 (revised). Local number Bar-1. A. I. Grubb. On East Orange St. between Union St. and Washington St., in Eufaula. Drilled unused artesian well in the 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 45.37 below lsd, Oct. 7, 8, 16, 1964, Oct. 9, 1967; lowest 60.3 below lsd, May 14-16, 28-31, June 1, 19, 20, 1967. Records available: 1962-68. Since May 1963, affected by stage of Walter F. George Reservoir. Recording gage removed July 5, 1965.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	50.0	49.3	48.9	49.4	....	....	....	47.0	47.0	46.5	47.2	47.8
10	49.6	49.3	48.9	48.7	....	....	....	47.1	47.1	46.6	47.3	48.3
15	49.6	49.3	49.1	....	....	....	....	46.8	46.9	46.5	47.6	48.3
20	49.6	49.0	48.8	....	....	....	....	46.8	46.9	46.6	47.7	48.4
25	49.4	49.0	48.9	....	....	....	....	46.9	46.9	47.0	47.6	48.2
Eom	49.2	49.2	49.4	....	....	....	....	46.8	46.9	47.1	47.7	47.9

1965

5	48.0	48.0	47.8	47.3	48.3	....	48.5	....	....	....	....	....
10	48.2	47.8	47.9	47.3	48.3	48.3	....	....	....	....	....	....
15	48.2	47.7	47.6	47.7	48.4	48.2	....	....	....	....	....	....
20	48.2	47.3	....	48.0	48.4	48.2	....	....	....	....	....	....
25	48.2	47.5	....	48.2	48.5	48.4	....	....	....	....	....	....
Eom	47.9	47.6	....	48.3	....	48.5	....	....	....	....	....	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 25, 1965	48.5	Aug. 15, 1966	45.6	Mar. 17, 1967	46.8	Feb. 8, 1968	46.2
Dec. 15	51.4	Nov. 7	47.5	Apr. 24	47.0	Apr. 30	46.2
Mar. 11, 1966	48.8	Dec. 19	48.0	July 13	45.8	July 22	45.5
June 2	47.5	Jan. 30, 1967	46.8	Oct. 9	45.4	Oct. 21	47.8

Bibb County

325622N0870755.1 (revised). Local number Bib-1. Centreville Gin and Cotton Co. Drilled unused artesian well in Bibb Dolomite and Copper Ridge Dolomite, undifferentiated, Cambrian age, diam 8 in, depth 404 ft, cased to 80, open hole. Lsd 230.93 ft above msl. MP top of 8-in casing, 0.43 ft above lsd. Highest water level 18.0 below lsd, Apr. 2, 1951; lowest 32.3 below lsd, Oct. 16, 17, 20, 22-24, 26, 30, 31, Nov. 1, 1954. Records available: 1948-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.7	27.1	23.6	27.4	....	28.1	....	29.3	30.7	....	30.6	....
10	26.7	27.5	24.8	25.1	....	28.0	29.5	29.7	30.8	30.4	30.6	29.4
15	27.5	27.4	25.3	23.4	26.8	28.5	29.1	29.8	31.0	30.4	30.7	....
20	28.1	25.6	24.2	e26.0	27.2	....	29.5	30.1	31.0	30.2	30.6	....
25	27.7	26.4	25.2	e26.0	27.5	....	29.6	30.2	31.1	30.4	30.2	28.5
Eom	26.8	26.2	26.8	e25.1	27.9	....	29.9	30.5	....	30.6	29.8	28.9

1965

5	29.1	e28.5	26.3	27.0	28.5	30.2	29.6	30.2	29.6	30.2	....	30.6
10	29.3	28.0	27.0	26.4	29.0	29.2	29.0	30.2	30.2	30.4	....	30.7
15	28.9	25.6	26.6	27.1	29.4	28.5	29.1	30.1	30.4	30.6	....	30.3
20	29.2	26.0	26.9	27.6	29.7	28.8	29.6	30.4	30.6	30.6	....	29.8
25	26.7	26.9	26.8	28.0	29.7	29.5	29.8	30.5	30.7	30.6	30.2	30.0
Eom	28.2	27.1	26.6	28.0	29.9	29.7	29.6	30.0	30.8	30.7	30.5	30.7

1966

5	29.4	29.4	24.8	26.9	27.0	29.3	30.2	30.8	31.3	30.9	31.3	31.3
10	29.1	29.5	26.4	27.2	27.9	29.4	30.5	30.5	31.5	31.2	31.2	31.1
15	29.3	24.3	26.7	27.7	27.8	29.8	30.7	30.2	e31.0	31.3	30.2	30.4
20	28.8	e24.5	26.3	28.0	28.2	29.7	30.5	30.5	30.4	30.7	30.7	30.7
25	28.9	26.6	26.8	28.1	28.5	30.0	30.8	31.0	30.8	30.9	31.0	30.7
Eom	29.2	26.8	27.3	25.6	28.8	30.1	30.9	31.2	30.5	31.1	31.2	30.8

1967

5	30.5	30.2	29.3	30.4	30.8	31.3	30.7	30.8	....	31.5	29.7	....
10	....	29.1	29.2	....	30.1	31.5	30.9	31.0	....	31.4	30.3	28.1
15	....	29.0	29.4	30.8	30.9	31.7	30.3	30.8	30.6	31.6	30.7	27.9
20	30.2	28.6	29.8	31.1	31.3	31.9	30.9	31.1	31.1	31.5	31.0	26.7
25	30.4	....	30.0	30.9	30.5	30.9	30.8	30.8	31.3	31.5	29.9	25.4
Eom	29.9	29.1	30.2	30.8	31.1	31.0	30.5	28.9	31.3	31.4	29.7	26.6

1968

5	26.5	27.2	28.2	28.0	28.3	30.2	30.9	30.3	31.4	31.7	31.6	....
10	25.8	27.5	28.5	26.8	29.0	30.5	30.9	30.7	....	31.5	31.6	....
15	25.8	27.9	27.2	27.5	28.1	30.7	30.2	30.9	....	31.6	31.6	31.2
20	26.7	28.0	28.0	27.9	28.5	30.7	30.5	31.0	31.5	31.7	....	31.3
25	25.5	28.4	27.8	28.1	29.3	30.6	30.5	31.1	31.6	31.9	....	28.0
Eom	26.7	28.3	....	27.9	29.8	31.0	30.7	31.3	31.6	31.9	....	28.2

e Estimated.

Bullock County

320846N0854110.1 (revised). Local number Bul-1. State of Alabama. At Camp Union Springs. 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 6-in casing, at lsd. Highest water level 322.60 below lsd, Mar. 23, 1961; lowest 362.7 below lsd, July 25, 1967. Records available: 1960-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e336.94	340.4	.....	.....	336.8	336.2	.....	.....	.....	.....	.....	.....
10	337.94	340.0	.....	337.50	336.4	337.1	.....	.....	.....	.....	.....	h346.8
15	.....	339.1	.....	337.4	335.2	.....	.....	.....	.....	.....	.....	e347.2
20	340.89	338.6	.....	338.1	334.9	342.3	.....	.....	.....	.....	.....	347.2
25	340.9	.....	.....	337.0	335.7	343.4	.....	.....	.....	.....	.....	e347.3
Eom	341.4	.....	.....	337.2	335.7	342.3	.....	.....	.....	.....	.....	347.8

1965

5	e347.3	347.1	339.5	339.5	338.4	343.6	347.1	348.0	349.0	.....	.....	345.9
10	346.9	.....	340.4	339.0	339.5	343.4	347.4	348.1	348.1	.....	.....	346.2
15	346.9	.....	340.1	338.4	340.9	343.3	347.9	347.9	347.6	.....	.....	345.7
20	346.6	.....	340.1	338.1	.....	344.1	347.8	347.3	348.9	347.3	346.9	346.1
25	346.7	.....	339.5	338.6	342.2	345.2	349.0	348.0	349.4	.....	.....	345.2
Eom	346.6	.....	339.6	338.5	343.0	346.2	348.2	349.1	348.5	.....	345.5	344.6

1966

5	344.2	346.9	.....	347.5	350.4	352.8	355.1	357.4	358.8	357.1	356.4	355.3
10	345.1	346.8	.....	346.8	351.3	353.8	356.0	357.5	358.6	357.1	356.4	355.6
15	344.9	346.4	348.5	347.4	351.7	354.2	356.5	357.4	358.3	356.9	356.5	355.5
20	345.9	346.7	349.0	347.5	.....	354.2	356.8	357.3	358.3	356.9	356.6	355.3
25	345.5	348.2	349.3	349.0	.....	353.8	356.8	358.3	357.8	356.6	356.2	355.3
Eom	345.8	.....	347.9	350.1	.....	354.5	356.8	358.5	357.4	356.4	355.4	355.5

1967

5	355.2	354.7	355.1	355.6	357.7	359.8	362.2	362.4	361.8	360.5	356.7	.....
10	355.3	354.3	355.1	356.7	356.3	359.7	362.3	362.4	360.6	360.1	355.4	354.0
15	355.2	354.4	355.1	357.2	356.7	360.3	362.4	362.6	360.0	360.2	355.2	354.0
20	355.1	354.5	355.4	357.7	357.2	361.5	362.5	362.1	360.4	359.7	354.9	353.9
25	354.9	354.6	355.5	357.7	357.3	362.4	362.7	361.2	360.8	359.6	.....	353.9
Eom	355.1	354.8	355.6	358.6	358.4	361.8	362.4	360.8	360.5	358.6	.....	(a)

1968

5	353.0	.....	353.3	354.0	355.3	355.6	361.0	.....	355.6	.....	.....	354.6
10	353.0	353.4	353.3	354.0	357.2	357.3	.....	.....	355.9	.....	.....	355.7
15	.....	353.5	353.2	353.9	355.3	358.9	.....	.....	356.8	.....	.....	356.6
20	.....	353.7	353.3	354.1	355.2	359.2	.....	.....	356.6	.....	358.6	357.0
25	.....	353.5	353.9	354.3	354.3	359.6	.....	.....	355.6	.....	358.4	357.1
Eom	.....	353.3	354.1	354.3	354.4	360.5	.....	.....	355.3	.....	356.2	356.7

a Well being pumped.

e Estimated.

h Tape measurement.

Butler County

31444Q0862738.1. Local number But-2. L. L. Rayburn. Drilled unused artesian well in Clayton Formation of Paleocene age, diam 8 in, depth 202 ft, casing depth and finish unknown. Lsd 345 ft above msl. M'P top of 8-in casing, 1.00 ft above lsd. Highest water level 41.68 below lsd, Apr. 2, 1965; lowest 61.48 below lsd, Dec. 31, 1968. Records available: 1964-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	51.27	51.92	52.59
10	51.32	52.06	52.60
15	51.41	e52.22	52.67
20	50.77	51.55	52.35	.....
25	50.93	51.63	52.44	.....
Eom	51.07	51.80	52.54	.....

1965

5	.....	48.37	43.56	41.76	e44.71	43.84	47.70	49.28	50.16	51.14	50.09	51.14
10	.....	47.08	43.25	41.91	e44.95	44.14	47.96	49.28	50.35	49.80	50.26	51.35
15	50.37	46.38	43.05	42.28	44.39	46.42	48.18	49.36	50.56	49.67	50.44	51.47
20	50.35	44.99	42.49	e43.82	44.66	46.77	48.43	49.54	50.79	49.64	50.58	51.41
25	49.59	44.29	42.05	e44.12	44.03	47.06	48.70	49.72	51.06	49.81	50.77	51.29
Eom	48.69	44.11	41.75	e44.42	44.46	47.40	49.00	49.96	50.91	49.95	51.02	51.29

1966

5	51.25	.....	.....	43.33	.....	46.77	48.46	50.00	51.56	52.96	54.25	55.22
10	51.20	.....	43.01	43.63	.....	47.02	48.73	50.28	51.82	53.18	54.40	55.42
15	51.02	.....	42.59	43.91	.....	47.34	49.00	50.53	51.96	53.37	54.59	55.56
20	50.84	.....	42.70	44.23	.....	47.63	49.22	50.84	52.21	53.59	54.73	55.72
25	50.70	.....	42.88	44.48	.....	47.92	49.46	51.08	52.44	53.78	54.88	56.00
Eom	.....	.....	43.01	.....	46.51	48.13	49.76	51.34	52.73	54.01	55.09	56.19

1967

5	55.87	55.42	55.16	55.49	56.09	56.54	57.16	57.02	.....	57.35	57.56	57.42
10	55.51	55.33	55.22	55.56	56.12	56.64	57.17	57.07	.....	57.42	57.40	57.44
15	55.34	55.26	55.21	55.67	56.21	56.75	56.94	57.16	.....	57.50	57.29	57.40
20	55.33	55.19	55.30	55.78	56.32	56.86	56.92	57.28	.....	57.59	57.29	57.27
25	55.32	55.21	55.36	55.98	.....	56.99	56.89	57.32	.....	57.68	57.31	57.14
Eom	55.36	55.17	55.42	55.98	.....	57.10	56.95	.....	.....	57.78	57.38	.....

314440N0862738, 1--Continued.

Day	1968										
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	55.68	56.43	57.32	58.17	58.92	59.64	..... 60.99
10	56.38	.....	.....	55.80	56.58	57.46	58.27	59.06	59.75	..... 61.08
15	56.42	55.45	.....	55.93	56.76	57.61	58.41	59.18	59.91	..... 61.17
20	56.41	55.31	.....	56.06	56.89	57.74	58.54	59.30	60.03	..... 61.26
25	56.48	55.29	.....	56.18	57.03	57.90	58.66	59.41	.....	60.81 61.35
Eom	56.32	57.18	58.05	58.80	59.54	.....	60.92 61.48

e Estimated.

Calhoun County

334218N0854917.1 (revised). Local number Cal-1. U.S. Army (previously reported U.S. Geol. Survey). At Fort McClellan. Drilled unused artesian well in Conasauga Formation of Middle and Late Cambrian age, diam 6 in, depth 212 ft, cased to 124, slotted 92-122. Lsd 732 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 6.8 below lsd, Dec. 25, 1967; lowest 64.7 below lsd, Dec. 31, 1965. Records available: 1960-68.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	e53.7	19.8	12.5	11.0	e11.6	23.2	34.7	33.6	41.3	48.1	52.1 55.9
10	52.6	19.1	11.0	8.9	12.1	25.6	36.0	34.9	42.4	48.8	52.9 55.5
15	46.3	19.9	11.2	9.2	13.3	27.8	36.6	35.9	43.8	49.5	53.8 54.4
20	41.6	18.2	8.6	10.1	14.9	29.8	34.0	37.2	44.9	49.6	54.9 53.2
25	38.8	15.2	10.3	11.1	17.0	31.7	31.1	38.4	46.1	50.2	55.2 51.7
Eom	24.1	14.3	9.7	11.7	20.3	33.2	32.6	40.0	47.1	51.3	55.6 50.1

1965											
5	48.9	44.1	20.7	13.8	19.3	34.7	40.2	45.1	49.0	e54.2	.... 62.7
10	48.2	41.8	18.7	11.2	22.9	35.3	39.9	45.8	49.7	e54.9	.... 63.3
15	47.4	35.3	16.5	12.0	26.1	35.7	40.9	46.1	50.6	e55.7	.... 63.8
20	47.1	27.5	15.6	13.1	28.5	36.5	42.0	46.7	51.5	56.4	.... 64.0
25	....	23.0	14.9	e14.3	30.4	38.0	42.9	47.5	52.4	....	61.6 64.4
Eom	44.8	22.2	14.0	16.2	32.8	39.3	43.8	48.3	53.3	....	62.2 64.7

1966											
5	64.7	58.4	....	18.3	....	....	h29.9	....	....	....	20.1 22.8
10	63.6	58.1	....	e17.6	....	....	....	....	....	e26.6	22.3 24.7
15	63.3	....	....	17.8	....	....	....	....	....	....	19.0 18.1
20	61.5	....	....	19.0	....	....	....	....	....	....	17.9 16.6
25	59.9	....	....	20.9	....	....	....	....	....	....	18.3 17.6
Eom	59.0	....	....	....	....	....	....	....	....	17.9	20.0 e18.0

1967											
5	17.9	17.6	12.7	17.7	....	31.7	....	42.0	13.6	16.7	20.9 13.1
10	15.9	....	13.2	20.0	....	....	39.5	42.5	14.0	16.7	18.8 11.8
15	14.0	....	13.0	22.7	32.9	....	39.8	39.2	15.4	16.8	18.9 11.3
20	14.2	....	13.2	25.1	34.2	....	40.4	38.2	18.6	18.1	20.2 9.1
25	14.7	12.6	14.1	27.2	31.2	....	41.2	35.4	22.7	20.3	20.8 6.8
Eom	16.3	12.4	16.0	28.8	30.3	....	41.5	14.1	19.4	23.7	15.6 9.0

1968											
5	9.5	....	20.2	....	12.0	14.2	....	33.5	40.3	45.8	50.6 53.5
10	8.5	....	21.5	....	12.9	16.5	....	34.5	41.1	46.8	51.4 53.8
15	7.4	....	20.0	....	14.1	....	....	35.7	42.0	47.6	52.0 54.3
20	9.5	....	....	10.5	11.1	....	29.5	37.3	42.9	48.4	52.4 54.7
25	....	....	....	11.4	11.2	....	30.8	38.2	43.8	49.1	53.0 54.7
Eom	....	....	....	11.9	12.7	....	32.4	39.3	44.7	50.0	53.6 52.1

e Estimated.

334919N0854608.1 (revised). Local number Cal-2. State of Alabama (previously reported U.S. Geol. Survey). At Jacksonville State University. Drilled unused artesian well in Conasauga Formation of Middle and Late Cambrian age, diam 6 in, depth 196 ft, cased to 34, open hole. Lsd 662 ft above msl. MP top of 6-in 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: 1961-63. Recording gage removed July 1965.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	21.5	16.1	12.2	....	15.8	20.2	21.9	25.3	26.8	28.6 29.0
10	23.6	....	16.4	9.9	10.9	16.8	20.9	22.6	25.8	27.3	e29.0 28.9
15	11.7	8.8	11.9	17.8	....	23.2	....	27.7	e29.3 27.4
20	12.3	9.9	12.8	18.7	....	23.7	....	28.9	e29.5 27.2
25	13.3	10.6	13.7	19.2	....	e24.0	....	27.6	29.4 27.5
Eom	11.4	10.3	14.8	20.0	21.2	24.8	27.2	28.2	29.3 28.1

1965											
5	27.9	e27.6	20.7	19.0	21.3	24.9	26.5	....	....	....	....
10	28.3	e26.4	21.7	18.1	22.2	24.6	27.1	....	....	....	....
15	28.3	e23.7	21.2	18.8	22.8	24.5	....	....	....	....	....
20	e24.5	e20.6	20.0	19.4	23.4	25.3	....	....	....	....	....
25	....	22.6	20.5	e20.1	23.9	e26.0	....	....	....	....	....
Eom	e27.8	22.9	20.0	20.6	24.6	26.5	....	....	....	....	....

e Estimated.

334919N0854608.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 31, 1966	24.7	May 12, 1967	23.0	Sept. 13, 1967	21.7	Apr. 16, 1968	13.9
Nov. 28	25.6	July 7	24.8	Jan. 23, 1968	11.5	Oct. 9	27.1
Jan. 5, 1967	23.9	Aug. 10	26.2				

Clarke County

313040N0875310.1 (revised). Local number Cla-1. City of Jackson. In waterworks lot. Drilled unused artesian well in gravel deposits of Miocene age, diam 10 in, depth 156 ft, cased to 100, screened 100-140. Lsd 227 ft above msl. MP top of 10-in casing, 0.25 ft below lsd. Highest water level 103.7 below lsd, Mar. 30, 1968; lowest 119.29 below lsd, Oct. 23, 1958. Records available: 1958-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	108.9	110.3	108.9	111.0	107.8	107.3	107.0	106.5	107.4	.....	.....
10	.....	109.8	109.7	109.7	109.2	107.7	107.4	106.7	106.4	107.0	.....	.....
15	.....	109.5	109.6	111.6	109.0	107.6	107.8	107.0	106.5	106.9	.....	.....
20	.....	.....	109.1	111.5	108.2	107.8	107.3	107.0	.....	109.6	.....	.....
25	109.9	109.0	109.1	111.5	108.4	107.8	107.0	106.9	106.8	.....	.....	106.9
Eom	109.2	110.1	109.3	112.1	108.1	107.8	106.9	106.6	106.4	.....	.....	107.2

1965

5	107.2	107.3	106.6	106.0	105.3	105.4	104.9	105.9	107.0	.....	105.9	106.2
10	107.0	107.0	106.9	105.6	105.0	105.0	105.0	107.2	107.1	.....	106.7	106.0
15	107.0	107.2	106.7	105.6	106.0	105.3	104.9	105.9	108.2	106.4	106.3	106.2
20	106.9	107.4	107.0	105.8	105.4	104.9	105.2	105.9	106.8	107.0	106.0	106.1
25	107.1	109.3	105.9	105.4	104.9	104.7	105.1	107.0	106.5	106.6	106.1	106.3
Eom	107.7	106.8	106.2	105.8	105.0	105.0	106.3	106.6	.....	106.5	106.2	106.3

1966

5	106.3	107.1	106.2	106.5	105.4	104.5	105.7	106.3	105.5	105.4	106.8	107.5
10	106.3	106.5	106.0	105.8	105.7	105.4	104.7	105.6	106.6	105.2	108.4	107.2
15	106.4	107.3	105.8	105.9	105.1	104.5	106.3	106.6	105.2	105.7	108.5	109.5
20	106.3	107.3	106.1	105.6	104.9	104.8	104.8	105.3	106.9	106.2	108.3	109.7
25	106.5	106.4	106.1	105.3	104.6	104.8	104.8	107.7	105.7	105.7	107.0	110.7
Eom	107.9	106.0	105.5	105.6	104.7	107.1	107.8	105.3	106.5	105.4	109.7	109.7

1967

5	.....	109.9	110.0	109.8	107.1	107.0	107.4	108.6	106.9	.....	106.7	106.2
10	.....	109.9	109.0	.....	106.9	107.0	107.2	107.9	106.6	106.1	106.1	105.4
15	.....	110.3	108.1	108.9	107.2	106.9	107.0	107.3	106.5	106.0	106.0	.....
20	.....	110.2	107.5	109.4	106.9	107.6	107.0	109.1	.....	106.5	106.2	.....
25	.....	111.4	109.4	.....	106.9	107.1	106.8	107.8	106.7	.....	106.3	.....
Eom	110.0	109.9	108.2	107.5	108.4	107.7	107.3	107.2	106.6	106.1	106.0	.....

1968

5	106.4	106.2	.....	108.4	106.5	108.2	107.4	107.8	108.0	108.9	108.7	108.9
10	105.8	105.9	.....	106.9	105.5	107.9	108.4	106.7	106.7	108.6	108.4	108.4
15	106.5	106.1	.....	106.8	106.1	108.9	108.6	108.3	107.6	108.3	107.9	110.2
20	106.4	105.4	.....	107.6	108.8	108.2	108.0	108.8	108.9	109.0	109.9	109.7
25	106.4	108.7	.....	109.1	107.3	106.9	107.7	107.9	107.0	.....	109.7	108.9
Eom	106.3	.....	105.1	108.7	107.8	108.3	108.1	107.2	109.0	109.4	110.4	109.1

Colbert County

344622N0873752.1 (revised). Local number Col-1. U.S. Army, Corps of Engineers. At Muscle Shoals, near Diamond Alkali Co. plant. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 8 in, depth 265 ft, cased to unknown depth, open hole. Lsd 527.8 ft above msl. MP top of 8-in 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: 1953-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	13.0	8.4	8.9	8.5	15.6	22.3	23.8	25.5	26.7	.....	23.5
10	.....	14.5	9.0	8.2	9.5	17.2	22.6	24.2	26.7	27.5	.....	14.4
15	.....	13.8	6.3	7.7	10.5	18.3	22.5	24.5	27.0	28.0	28.8	e14.5
20	16.3	9.2	e7.7	e8.8	11.8	19.3	22.1	24.8	27.3	27.7	27.9	e14.1
25	12.3	9.8	8.5	9.2	13.0	20.5	22.8	25.5	27.5	.....	25.7	13.7
Eom	12.2	9.7	8.5	9.2	14.3	21.6	23.5	25.8	25.8	.....	22.7	13.1

1965

5	12.0	h15.18	.....	.....	13.08	.....	18.84	22.20	20.00	23.98	27.64	29.32
10	11.5	.....	.....	.....	14.38	.....	19.70	23.20	20.96	25.00	28.04	30.45
15	.....	.....	.....	.....	15.18	.....	20.50	24.15	20.63	26.26	28.25	30.66
20	.....	.....	.....	.....	15.07	.....	22.30	24.81	21.91	27.00	28.22	31.12
25	h12.90	.....	.....	11.28	16.02	16.80	22.07	19.70	22.19	27.41	28.91	30.70
Eom	.....	.....	.....	12.01	.....	18.12	20.96	18.66	22.92	27.40	29.62	31.10

1966

5	27.4	24.1	14.9	21.5	e14.4	18.1	21.2	25.6	29.7	30.0	30.1	30.0
10	24.4	24.1	16.4	22.6	e15.9	19.5	18.0	26.7	30.4	28.2	29.8	17.3
15	25.5	11.9	17.2	24.5	e16.0	20.1	19.8	27.3	31.0	28.1	27.8	15.4
20	e27.1	11.4	18.1	25.6	11.0	21.1	21.7	28.0	30.0	27.8	28.2	17.0
25	26.8	12.9	19.6	21.8	12.9	22.8	23.2	28.5	31.3	28.4	29.4	18.7
Eom	e27.4	13.9	20.8	18.8	25.7	23.7	24.8	29.2	e29.0	29.1	30.2	15.0

344622N0873752, 1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.4	16.9	11.6	15.8	9.2	....	18.2	9.0	11.7	....	17.1	9.9
10	16.5	17.6	10.5	17.1	..	....	17.6	9.3	13.0	....	17.7	10.3
15	16.3	18.6	11.7	18.2	..	....	12.8	10.3	13.9	19.2	18.6	9.0
20	16.4	18.2	12.5	19.3	...	15.0	13.8	11.2	15.0	19.7	19.4	7.3
25	17.1	12.0	13.4	18.3	...	15.9	14.3	12.3	16.1	18.8	13.6	7.8
Eom	16.6	11.7	14.8	13.3	...	17.0	12.9	10.7	16.7	18.6	13.4	8.7
1968												
5	7.7	10.3	14.7	9.1	12.3	10.5	16.6	17.4	21.6	21.4	24.0	....
10	6.8	11.0	14.6	8.9	13.0	11.5	17.4	18.4	20.1	....	24.4	....
15	...	11.8	10.1	9.4	10.6	...	18.3	18.6	20.7	....	24.8	....
20	...	12.4	10.7	10.2	9.1	13.4	....	19.3	18.3	....	22.1	....
25	9.0	13.2	8.2	11.0	10.0	14.5	....	20.1	19.4	22.7	22.9	....
Eom	9.7	....	9.1	11.6	9.6	15.6	...	20.7	20.4	23.5	....	15.0

e Estimated.

h Tape measurement.

344204N0874106, 1 (revised). Local number Col-2. Ben Fennel, Jr. (previously reported Ber Findley). Rte. 3, Tuscumbia. Drilled unused artesian well in Tuscumbia Limestone of Late Mississippian age, diam 16 in (corrected), depth 200 ft (corrected), cased to 40. Lsd 455 ft above msl (corrected). MP top of 16-in 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, 1960-68. Recording gage removed June 1968.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.47	19.65	14.50	11.55	12.77	19.73	26.91	30.06	33.43	33.71	32.55	28.40
10	23.37	20.50	14.15	11.55	13.56	20.88	26.50	30.62	34.45	33.35	32.89	29.15
15	....	17.25	10.35	10.80	14.62	21.89	26.80	31.47	34.93	34.26	33.24	24.30
20	....	16.35	9.95	11.65	15.87	22.82	27.72	31.64	35.16	33.37	32.80	23.81
25	20.45	16.35	10.88	12.33	17.01	23.75	28.57	32.50	35.45	34.25	31.50	23.41
Eom	19.20	16.25	11.53	12.72	18.64	24.90	29.45	32.67	34.00	32.25	28.25	22.90
1965												
5	21.85	22.95	....	8.84	15.16	22.24	25.32	30.33	32.31	33.28	35.87	36.24
10	21.50	22.47	....	9.38	16.34	....	25.99	31.50	33.85	34.06	e35.94	36.30
15	20.18	17.11	....	10.84	17.59	....	26.71	32.61	32.40	35.06	e35.99	36.30
20	20.87	16.97	....	11.92	18.92	....	27.63	....	33.25	25.48	e36.04	36.33
25	21.17	....	18.00	12.86	20.05	23.98	28.51	....	32.88	e35.65	....	36.38
Eom	22.14	....	10.40	13.89	21.27	24.88	29.27	31.42	32.92	35.79	....	36.40
1966												
5	32.2	30.4	23.2	28.0	26.7	23.4	28.7	31.6	32.6	33.9	34.3	33.6
10	31.1	30.9	24.0	28.7	27.4	24.2	26.8	32.8	33.0	34.2	34.1	27.8
15	31.4	24.0	24.8	29.3	27.1	25.1	26.4	32.5	33.5	34.0	32.2	23.8
20	32.2	22.5	25.6	30.0	21.7	26.2	27.2	31.9	33.1	33.9	32.8	24.2
25	31.9	22.8	26.4	27.9	21.7	27.2	28.8	32.8	32.9	33.5	33.1	25.0
Eom	32.4	23.2	27.4	27.7	22.5	28.2	30.4	32.7	33.6	34.1	33.3	24.1
1967												
5	24.5	26.1	21.6	23.3	22.9	....	24.3	23.2	22.2	27.3	19.5	....
10	25.0	26.7	20.2	24.2	20.7	....	24.4	20.9	23.0	28.1	....	23.1
15	25.2	27.3	20.4	25.1	20.0	....	25.2	20.3	23.7	29.0	....	20.4
20	25.6	27.2	20.8	26.0	18.8	21.9	26.1	20.8	24.7	29.5	....	....
25	26.2	22.1	21.6	26.6	....	22.7	27.1	21.7	25.7	29.9	....	....
Eom	25.7	22.0	22.5	25.2	....	23.6	26.1	21.5	26.5	30.0	....	....
1968												
5	....	....	h19.2	....	....	17.7	....	....	....	....	....	....
10	23.1	....	....	....	....	18.7	....	....	....	....	....	....
15	20.4	....	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	19.0	....	....	....	....	....	....	....
25	....	....	....	....	19.2	....	....	....	....	....	....	....
Eom	....	....	....	....	17.1	....	....	....	....	....	....	....

e Estimated.

h Tape measurement.

Cullman County

341031N0865043, 1 (revised). Local number Cul-1. City of Cullman. At Second St. and Third Ave., West. Drilled unused water-table well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 8 in, depth 81 ft, cased to 13, open hole. Lsd 768 ft above msl. MP top of 8-in casing, 1.30 ft above lsd. Highest water level 9.31 below lsd, Jan. 10, 1968; lowest 26.62 below lsd, Aug. 6, 1952. Records available: 1952-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.34	11.08	10.74	10.49	10.31	11.06	11.56	11.36	11.59	11.64	12.09	11.82
10	11.24	11.33	10.66	10.26	10.42	10.98	11.67	11.45	11.66	11.81	12.07	11.76
15	11.47	10.98	10.40	10.12	10.68	11.06	11.56	11.48	11.95	11.75	12.24	11.57
20	11.47	11.05	10.40	10.34	10.74	11.20	11.39	11.38	11.98	11.89	12.00	11.56
25	10.95	11.02	10.60	10.13	10.79	11.45	11.29	11.51	12.12	11.96	11.62	11.04
Eom	11.20	11.12	10.54	10.12	10.91	11.62	11.55	11.47	11.57	12.01	11.85	11.51

341031N0865043.1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	11.39	11.17	10.49	10.25	10.66	11.17	11.04	11.46	11.62	11.57	12.08
10	11.07	10.58	10.74	10.31	10.74	10.91	10.99	11.42	11.52	11.63	12.01 12.16
15	11.12	10.77	10.63	10.31	10.76	10.64	11.01	11.46	11.35	11.74	12.08 11.86
20	11.18	10.67	e10.72	10.51	10.80	10.93	11.14	11.49	11.58	11.73	12.08 11.71
25	10.90	10.78	10.25	10.45	10.89	10.94	11.04	11.39	11.53	12.03	..... 11.88
Eom	11.09	10.70	10.26	10.68	11.02	11.02	11.12	11.52	11.59	12.03	..... 11.88
1966											
5	11.7	11.2	10.4	10.7	10.6	10.8	10.9	11.2	11.1	11.3	11.7 11.7
10	11.6	10.9	10.7	10.8	10.7	10.7	11.1	11.0	11.5	e11.4	11.5 11.2
15	11.2	10.8	10.5	10.9	10.4	e10.9	11.2	11.0	11.3	11.7	11.5 11.4
20	11.3	10.9	10.6	10.9	10.2	e11.0	11.1	11.0	11.0	11.4	11.5 11.3
25	11.2	10.7	10.6	10.8	10.4	11.1	11.2	11.1	11.4	11.5	e11.6 11.5
Eom	e11.0	10.6	h10.5	10.4	10.6	11.1	11.3	11.1	11.1	11.6	h11.5 11.3
1967											
5	11.2	10.9	9.9	11.4	10.6	10.6	10.6	10.5	10.7	11.2	10.9 10.7
10	11.2	10.9	10.1	11.0	10.5	10.8	10.4	10.3	10.5	11.1	11.0 10.6
15	11.0	10.9	10.2	11.1	10.5	11.0	10.5	10.6	10.8	11.2	11.1 10.7
20	11.1	10.0	10.3	11.2	10.6	10.9	10.8	10.6	10.9	11.1	11.2 10.3
25	11.1	10.3	.....	11.0	10.4	10.9	10.6	10.5	11.2	11.0	10.7 10.4
Eom	10.9	9.9	12.3	10.6	10.5	10.5	10.4	10.6	11.1	11.0	10.8
1968											
5	10.4	10.6	.....	10.2	.....	11.0	11.4	11.1	11.2	11.7	11.6 11.2
10	10.1	10.7	10.7	.....	.....	11.1	10.9	11.1	11.1	11.6	11.5 11.6
15	10.3	10.9	10.7	.....	.....	11.2	11.3	11.2	11.2	11.6	11.8 11.5
20	10.5	.....	10.5	.....	.....	11.2	11.1	11.0	11.3	11.6	11.7 11.4
25	10.4	.....	10.3	.....	.....	11.3	11.3	11.0	11.3	11.7	11.6 11.1
Eom	10.6	.....	10.3	.....	.....	11.6	11.0	11.2	11.6	11.9	11.6 11.1

e Estimated.

h Tape measurement.

Dallas County

322440N0870052.1 (revised). Local number Dis-2. City of Selma. In waterworks lot. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 in, depth 420 ft, casing depth and finish unknown. Lsd 125.26 ft above msl. MP top of 6-in casing, 1.00 ft above lsd. Highest water level 9.1 below lsd, Feb. 15, 1965; lowest 44.2 below lsd, June 19, 1968. Records available: 1941, 1945-68. Recording gage removed Sept. 19, 1968. Oct. 29, 1968. 37.91. Measurements made by City of Selma, 1964 to Jan. 26, 1968. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	.....	25.5	24.3	24.7	27.2	.....	.....	28.7	.....	17.6	24.2 e16.7
10	25.6	26.5	22.8	25.5	28.3	.....	27.2	24.3	39.4	17.3	e22.7 16.7
15	25.9	25.0	28.6	24.2	.....	.....	25.1	20.3	35.9	17.0	23.7
20	29.7	29.0	29.7	27.3	29.0	.....	25.1	24.7	36.0	21.8	20.3
25	29.6	29.1	29.5	30.7	33.3	35.9	23.5	26.8	.....	16.2	.....
Eom	29.2	25.6	24.8	28.2	.....	31.8	.....	.....	.....	21.8	17.2
1965											
5	.....	16.0	.....	29.9	35.1	.....	30.8	36.2	32.6	33.6	34.7
10	.....	13.9	.....	29.5	36.8	.....	33.0	35.9	.....	31.8	33.5
15	.....	15.8	.....	31.2	39.9	h31.45	e33.3	.....	.....	34.4	34.0
20	.....	18.5	.....	31.1	36.3	.....	35.7	37.0	.....	.....	e29.7
25	.....	.....	.....	31.7	30.9	37.1	.....	36.7	37.5	32.0	31.3
Eom	12.1	.....	31.4	28.2	.....	38.9	33.7	37.0	.....	.....	h30.30
1966											
5	24.6	.....	25.6	27.1	31.6	34.2	.....	.....	.....	35.2	30.3
10	.....	.....	24.9	28.5	34.0	36.9	.....	36.4	.....	.....	.....
15	23.9	26.6	.....	29.7	30.2	38.6	37.8	34.5	.....	.....	.....
20	30.7	24.0	.....	29.0	30.1	25.6	39.8	37.5	.....	31.8	.....
25	26.6	25.6	28.0	33.7	29.1	29.9	39.8	.....	.....	33.6	.....
Eom	.....	27.4	27.38	.....	31.2	.....	35.8	.....	37.4	29.2	.....
1967											
5	27.1	27.4	28.6	35.6	37.4	37.6	39.8	37.1	36.1	36.5	30.6
10	26.8	26.9	24.4	35.0	35.6	41.7	36.9	38.9	36.7	35.4	32.5
15	26.6	27.1	23.2	36.9	36.7	40.2	.....	39.4	36.0	36.4	35.3
20	27.4	26.2	23.6	35.1	40.2	.....	41.0	37.5	37.6	34.8	31.4 32.5
25	30.4	26.8	24.9	35.4	37.7	.....	.....	.....	37.8	35.0	30.9
Eom	28.5	26.9	29.2	35.8	41.6	39.2	.....	.....	36.6	35.1	31.5 26.5
1968											
5	29.5	29.4	29.8	35.4	37.2	42.3	40.4	39.7	42.9	.....	.....
10	29.2	30.6	.....	.....	36.7	42.6	39.5	39.5	40.8	.....	.....
15	34.8	32.9	.....	.....	36.5	40.0	38.1	40.0	43.3	.....	.....
20	33.0	30.6	.....	36.1	42.4	43.5	36.8	40.1	.....	.....	.....
25	31.0	.....	29.1	35.5	37.4	40.4	35.7	40.8	.....	.....	.....
Eom	30.0	.....	36.0	36.0	39.8	42.4	37.6	42.1	.....	.....	.....

e Estimated.

h Tape measurement.

Elmore County

323757N0860139.1 (revised). Local number Elm-1. City of Eclectic. At High School. Drilled unused artesian well in augen gneiss, diam 8 in, depth 402 ft, cased to 63, open hole. Lsd 557.5 ft above msl. MP top of 8-in casing, at lsd since 1963. Highest water level 6.34 below lsd, Apr. 8, 1960; lowest 12.76 below lsd, Oct. 29, 1954. Records available: 1953-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.24	9.61	8.95	7.97	7.07	8.62	9.45	9.79	9.38	e9.20	9.04	9.47
10	9.83	9.72	8.98	7.50	7.27	8.90	9.61	9.82	9.57	9.08	9.17	9.48
15	9.62	9.58	8.80	7.29	7.45	e9.20	9.56	9.20	9.34	8.93	9.40	9.60
20	10.27	9.31	8.60	7.27	7.65	9.42	9.73	9.16	9.45	8.79	9.61	9.67
25	10.05	9.30	8.68	7.37	7.97	9.56	9.59	9.02	9.64	8.79	9.43	9.44
Eom	9.80	9.23	7.95	7.14	8.30	9.44	9.70	9.20	9.48	8.89	9.44	9.15

1965

5	9.03	8.31	7.20	7.04	8.56	10.10	10.90	10.98	11.79	11.54	11.76	e12.10
10	8.89	8.00	7.25	7.18	8.81	10.34	11.09	11.08	11.95	e11.50	11.89	12.20
15	8.91	7.86	7.18	7.39	9.13	10.31	11.26	11.20	12.09	e11.50	11.87	11.94
20	8.92	7.52	7.11	7.64	9.32	10.36	11.32	11.41	12.30	11.54	11.96	11.70
25	8.48	7.53	6.98	7.90	9.55	10.56	11.18	11.57	12.38	11.65	11.97	11.53
Eom	8.40	7.51	6.94	8.28	9.94	10.82	10.84	11.70	12.43	11.65	12.01	11.42

1966

5	11.20	9.75	8.12	8.00	9.02	9.72	10.35	11.09	11.65	12.14	e11.40	10.26
10	10.80	9.27	8.03	8.06	9.16	9.79	10.47	11.20	11.86	12.16	11.24	10.19
15	10.50	8.85	7.89	8.26	9.28	10.01	10.72	11.24	11.80	12.25	10.68	10.05
20	10.28	8.65	7.91	8.50	9.43	10.06	10.82	11.26	11.80	12.10	10.45	9.91
25	10.11	e8.40	7.92	8.67	9.52	10.10	10.91	11.43	11.96	11.72	10.40	10.02
Eom	9.92	e8.20	7.95	8.77	9.57	10.34	11.13	11.60	12.04	11.62	10.33	9.78

1967

5	9.49	9.07	8.62	9.26	10.06	.....	10.20	9.46	9.95	.....	9.60	9.10
10	9.36	8.80	8.67	9.47	10.15	10.03	9.66	9.54	9.74	9.73	9.46	8.80
15	9.12	8.69	8.73	9.60	10.24	10.04	9.35	9.70	.....	9.70	9.48	8.68
20	9.10	8.74	8.87	9.76	10.39	10.27	9.41	9.91	.....	9.76	9.56	8.47
25	9.15	8.72	9.02	10.08	10.23	10.26	9.29	9.96	.....	9.76	9.24	8.22
Eom	9.02	8.60	9.13	10.12	10.20	10.24	9.26	10.14	.....	9.87	9.26	8.17

1968

5	7.96	8.06	8.88	8.97	9.12	9.76	10.61	10.93	11.46	11.87	12.45	11.26
10	7.80	8.24	9.00	8.83	9.34	10.04	10.63	10.90	11.51	11.92	12.38	11.01
15	7.80	8.46	8.88	8.82	9.29	10.15	10.61	10.96	11.66	12.00	12.34	10.80
20	7.82	8.52	8.84	8.87	9.25	10.12	10.62	11.16	.....	12.10	11.98	10.82
25	7.86	8.74	8.87	8.94	9.48	10.27	10.75	11.17	11.70	12.24	11.70	10.22
Eom	8.00	8.74	8.98	9.00	9.62	10.46	10.75	11.30	11.84	12.44	11.58	9.94

e Estimated.

322839N0861137.1. Local number Elm-2. Frank Bainbridge. In Blue Ridge Estates. Drilled unused artesian well in sand and gravel of Gordo Formation of Late Cretaceous age, diam 4 in, depth 120 ft, cased to 50, slotted 50-120. Lsd 230 ft above msl. MP top of 4-in casing, 1.00 ft above lsd. Highest water level 7.45 below lsd, Dec. 15, 1961; lowest 40.22 below lsd, Oct. 6, 1959. Records available: 1959-68. Recording gage removed Oct. 5, 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	e10.9	.....	22.6	34.2	40.1	11.1	12.8
10	e10.9	.....	22.6	e35.6	.....	.....	13.2
15	11.1	.....	e18.1	e25.6	33.1	h11.6	.....	12.3
20	11.2	.....	18.3	e28.5	.....	e11.9	.....	11.2
25	e18.3	30.2	.....	11.0	11.8	.....
Eom	20.9	e31.9	37.6	11.1	12.9	11.4

1960

5	11.4	e10.7	10.1	e8.0	11.6	10.8	14.8	11.2	e11.7	15.5	22.7	24.1
10	11.1	.....	10.3	e9.2	11.6	10.7	e16.1	e11.3	12.2	16.7	e23.2	25.4
15	e11.1	9.4	9.9	e10.0	11.8	10.8	17.8	.....	14.3	18.2	e23.7	25.5
20	10.2	9.8	e10.0	e10.5	11.9	11.5	.....	.....	14.6	19.2	e24.0	26.6
25	e10.5	e9.2	e11.0	e11.2	12.3	12.8	.....	.....	17.1	19.6	e24.4	26.9
Eom	10.8	9.7	8.2	11.4	11.0	13.3	.....	.....	13.8	20.6	e22.8	26.9

1961

5	26.8	11.7	9.8	8.6	11.0	13.1	.....	12.7	11.7	16.2	e23.1	13.5
10	26.2	11.9	8.2	9.6	11.5	13.8	.....	13.1	12.0	18.0	e23.1	13.4
15	.....	12.2	10.0	9.3	11.9	11.1	.....	14.6	12.2	19.3	e23.5	7.9
20	.....	12.2	10.0	10.0	12.3	11.0	e11.3	16.0	12.4	20.3	18.0	9.1
25	.....	e6.2	11.1	10.5	12.5	.....	11.6	16.4	12.9	21.7	15.1	10.2
Eom	e11.6	7.6	11.0	10.6	12.8	.....	12.2	16.9	14.8	22.7	13.4	10.7

1962

5	11.0	e11.0	.....	.....	.....	.....	.....	.....	.....	.....	34.9	e15.6
10	10.6	e11.3	.....	.....	.....	.....	.....	.....	.....	e22.3	34.1	16.1
15	11.0	e11.6	.....	e10.4	e13.3	.....	.....	e19.4	.....	e27.4	34.3	16.1
20	9.6	h11.9	e11.1	.....	.....	e12.6	e16.5	.....	e17.5	29.5	33.9	17.2
25	e10.3	.....	.....	.....	.....	.....	.....	.....	.....	31.4	e26.5	16.8
Eom	e10.7	.....	.....	.....	.....	.....	.....	.....	.....	32.0	e20.5	11.8

322839N0861137.1--Continued.

1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.8	9.9	10.3	11.4	e11.6	12.5	16.8	22.7	30.0	e29.8	....	....
10	11.9	10.9	9.5	11.6	11.6	14.7	17.2	e24.1	33.1	....	....	....
15	12.0	11.1	9.9	e12.4	11.6	17.2	18.9	25.3	35.2	....	....	....
20	11.5	11.2	e10.4	e10.8	12.1	17.8	18.6	27.0	37.7	....	....	....
25	9.3	11.4	e10.7	e11.2	13.2	13.6	20.6	26.0	41.7	....	....	....
Eom	10.3	11.5	e11.0	e11.4	11.9	13.9	20.2	29.7	30.4	....	....	....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 13, 1964	10.2	Aug. 9, 1965	12.5	June 20, 1966	16.7	Nov. 29, 1967	11.1
Apr. 14, 1965	11.1	Oct. 12	15.0	Mar. 1, 1967	13.4	Feb. 27, 1968	13.3
26	11.5	Dec. 8	21.0	29	10.9	June 21	19.0
May 22	10.0	Jan. 19, 1966	11.8	June 29	13.0	Aug. 20	31.0
June 14	18.9	Mar. 28	11.7	Aug. 31	11.3	Dec. 20	17.2

Etowah County

340103N0860046.1 (revised). Local number Eto-1. Earl R. Price, 919 1st Ave., Gadsden. Drilled commercially used (unused prior to January 1966), 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 15.13 below lsd, Nov. 18, 1965. Records available: 1961-68. Recording gauge removed January 1966. Nov. 21, 1966, 24.45; Feb. 28, 1967, 12.53; Nov. 29, 13.22; Dec. 10, 1968, 14.17.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.1	12.5	11.0	10.7	....	11.8	12.2	....	....	13.7	14.2	13.6
10	12.1	12.7	11.1	9.1	10.0	11.8	11.8	....	....	14.0	14.3	13.8
15	13.0	12.5	10.1	8.5	10.6	12.0	11.5	....	....	14.0	14.4	13.4
20	13.1	11.6	10.4	9.7	10.9	12.2	12.0	....	....	13.7	14.4	13.3
25	11.8	12.0	10.9	9.8	11.1	12.1	11.9	....	....	13.9	14.1	12.9
Eom	12.3	12.0	....	9.7	11.4	12.2	12.3	....	13.9	14.1	14.1	13.2

1965

5	13.3	13.4	11.5	11.2	11.9	12.8	....	13.6	14.3	14.7	15.0	15.0
10	13.3	12.9	12.1	10.7	12.1	12.6	....	13.7	14.4	14.7	15.1	15.1
15	13.3	12.2	11.8	10.7	12.4	12.6	....	13.8	14.4	14.8	15.1	15.0
20	13.5	12.2	12.2	11.2	12.4	12.7	....	14.0	14.5	14.9	15.1	14.9
25	13.3	12.4	11.9	e11.4	12.4	12.8	....	14.0	14.6	14.9	14.8	15.0
Eom	13.5	12.3	11.4	11.7	12.7	12.9	13.3	14.2	14.6	15.0	14.9	15.1

e Estimated.

Franklin County

343131N0874428.1 (revised). Local number Fra-1. City of Russellville. Formerly U.S. Geol. Survey. Drilled unused artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 6 in, depth 210 ft, cased to 140, slotted 140-146, open hole. Lsd 890 ft above msl. MP top of 6-in casing, 1.00 ft above lsd. Highest water level 26.57 below lsd, Mar. 30, 1965; lowest 44.15 below lsd, Nov. 27, 1963. Records available: 1962-63.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	34.09	....	....	....	....
10	28.47	....	....	....	34.55	....	....	....	....
15	34.95	....	....	....	....
20	34.09	....	....	....	....
25	33.73	30.63	30.09	34.60	36.94	33.81	....	38.69	37.83	35.27	32.28
Eom	33.37	29.29	....	35.21	37.25	33.49	....	37.21	....	35.32	....

1965

5	....	....	....	....	33.75	....	36.41	36.86	35.73	36.00	38.01	39.42
10	....	....	....	....	34.39	....	35.60	37.25	36.37	36.48	38.31	....
15	....	....	....	....	34.88	....	35.97	37.27	35.70	36.92	38.43	....
20	....	....	....	....	35.27	....	36.60	37.62	36.39	37.20	38.70	....
25	32.61	30.39	28.95	32.91	....	35.70	36.50	35.00	34.60	37.55	39.00	....
Eom	33.43	30.82	26.85	32.95	....	36.11	36.06	35.14	35.42	37.92	39.22	40.17

1966

5	38.8	38.1	35.3	37.4	....	35.8	36.7	36.6	....	39.2	39.2	39.9
10	38.4	38.6	36.2	37.7	....	35.9	36.6	36.7	....	39.5	39.3	36.7
15	37.9	34.8	36.3	37.9	....	36.3	37.0	36.5	38.8	....	38.7	37.4
20	38.8	35.2	36.7	38.2	33.6	....	37.3	36.7	37.7	....	39.1	37.9
25	38.5	36.1	37.0	36.5	34.6	36.8	37.6	37.3	38.5	....	39.4	38.2
Eom	....	36.3	37.2	34.9	35.4	37.0	....	36.8	38.9	39.1	39.7	37.0

343131N0874428.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	37.4	37.2	35.0	36.2	35.7	35.0	36.4	33.9	35.4	37.1	...	...
10	37.5	37.4	34.7	36.5	...	35.3	35.4	33.	35.6	37.5	...	37.2
15	36.9	37.7	35.3	36.7	...	35.6	35.5	...	35.6	37.9	...	36.1
20	37.3	36.9	35.5	37.0	34.9	36.0	...	...	36.0	38.1	...	33.8
25	37.6	35.4	35.7	36.7	34.2	36.0	...	...	36.3	37.9	...	33.9
Eom	37.2	35.0	36.1	35.9	34.9	36.2	34.7	34.9	36.4	37.5	...	34.8
1968												
5	32.7	34.1	35.4	32.7	34.2	34.1	35.9	36.8	...	38.7	39.4	39.4
10	30.4	34.6	35.6	32.0	34.6	...	36.1	37.1	...	38.5	39.5	39.8
15	32.0	...	34.1	32.3	32.4	...	36.5	36.6	38.1	38.1	39.6	39.7
20	32.5	...	34.3	33.1	32.0	34.8	36.0	36.7	37.8	...	39.3	39.8
25	33.5	...	32.2	33.8	33.1	35.3	36.4	37.1	38.2	39.0	39.5	38.2
Eom	33.8	...	32.9	33.7	33.7	35.7	36.6	37.5	38.5	39.3	...	...

Greene County

325005N0875320.1. Local number Gre-3. City of Eutaw. Formerly U.S. Geol. Survey. At sewage pumping plant on Roberts St. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 4 to 2 in, depth 407 ft, cased to 395, 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 41.79 below lsd, July 8-10, 1968. Records available: 1952-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	e40.07	39.70	39.25	39.30	38.83	39.96	39.98	40.17	40.48	40.33	40.15	39.97
10	39.99	39.54	39.23	39.08	38.90	39.80	40.07	40.19	40.63	40.29	40.16	39.95
15	39.97	39.54	39.23	38.89	38.97	39.81	40.07	40.19	40.70	40.21	40.18	39.85
20	39.97	39.40	39.20	38.91	39.23	39.91	40.11	40.26	40.78	40.11	40.19	39.85
25	39.80	39.40	39.15	38.92	39.57	39.98	40.18	40.26	40.77	40.12	40.14	39.81
Eom	39.72	39.39	39.29	38.82	39.98	39.99	40.17	40.33	e40.71	40.13	40.00	39.75
1965												
5	39.74	39.68	39.41	39.41	39.76	40.33	40.19	40.28	40.41	40.51	40.64	40.51
10	39.73	39.67	39.41	39.39	39.96	40.35	40.19	40.32	40.42	40.48	40.64	40.49
15	39.69	39.60	39.42	39.43	.....	40.07	40.19	.....	40.44	40.49	40.63	40.36
20	39.72	39.56	39.40	39.48	.....	e40.00	40.20	40.36	40.54	40.52	40.61	40.29
25	39.66	39.53	39.42	39.56	.....	40.04	40.23	40.38	40.57	40.54	40.58	40.23
Eom	39.64	39.53	39.42	39.63	40.28	40.08	40.24	40.39	40.55	40.59	40.51	40.19
1966												
5	40.13	40.11	.....	39.83	39.73	.....	40.24	40.57	40.58	40.78	40.54	40.45
10	40.07	40.11	.....	39.82	.....	.....	40.26	40.58	.....	40.77	40.53	40.45
15	40.06	39.77	.....	39.82	.....	.....	40.44	40.58	.....	40.62	40.49	40.34
20	39.99	39.69	.....	39.82	.....	.....	40.54	40.50	40.74	40.59	40.49	40.31
25	39.99	39.67	.....	39.81	.....	.....	40.53	40.46	40.76	40.54	40.48	40.29
Eom	40.00	.....	40.07	39.74	.....	.....	40.52	40.49	40.77	40.54	40.46	40.36
1967												
5	40.32	40.31	40.20	40.26	40.50	40.84	41.15	.....	.....	40.78	40.70	40.58
10	40.32	40.26	40.20	40.34	40.40	40.94	39.79	.....	40.71	40.77	40.71	40.47
15	40.31	40.24	40.20	40.43	40.47	41.11	39.79	.....	40.70	40.79	40.72	40.41
20	40.30	40.23	40.18	40.49	41.01	41.39	39.79	.....	40.68	40.80	40.73	40.37
25	40.30	40.17	40.19	40.53	40.84	41.47	40.84	...	40.71	40.81	40.68	40.37
Eom	40.30	40.18	40.20	40.51	40.81	41.27	.....	.....	40.77	40.80	40.67	40.21
1968												
5	40.20	.....	40.09	40.20	40.24	.....	41.76	41.62	41.64	41.62	41.69	41.28
10	40.20	.....	40.10	40.19	40.31	.....	41.79	41.68	41.50	41.63	41.68	41.27
15	40.13	.....	40.11	40.19	40.35	.....	41.74	41.75	41.50	41.62	41.59	41.27
20	.....	40.08	40.15	40.21	.....	41.49	41.52	41.75	41.50	41.62	.....	41.26
25	...	40.08	40.15	40.25	.....	41.51	41.47	41.76	41.50	41.63	.....	.....
Eom	.....	40.09	40.19	40.25	.....	41.54	41.54	41.64	41.55	41.66	.....	.....

e Estimated.

Hale County

324205N0873523.1. Local number Hal-1. City of Greensboro. At rear of old waterworks lot. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 10 to 8 in, depth 280 ft, cased to 258, screened 258-278, Lsd 257 ft above msl. MP top of 10-in casing, at lsd. Highest water level 40.12 (tape measurement) below lsd, Apr. 12, 1962; lowest 47.34 below lsd, Nov. 2, 1968. Records available: 1961-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	43.29	42.75	42.40	42.13	41.58	42.31	.....	43.02	.....	43.32	.....	42.68
10	43.23	42.76	42.32	41.87	41.63	42.31	.....	43.00	.....	e43.24	.....	42.61
15	43.13	.....	42.21	41.72	41.66	42.42	.....	42.98	.....	e43.19	.....	42.48
20	43.02	42.64	42.09	41.69	41.98	42.58	.....	h42.97	.....	e43.01	.....	42.45
25	42.92	42.52	42.13	41.67	42.07	.....	42.90	.....	43.55	.....	e42.84	42.25
Eom	42.89	42.53	42.14	41.55	42.23	.....	43.08	.....	43.50	.....	42.83	42.35

324205N087352S. 1--Continued.

1965												
Day	Jan.	Feb.	Mar	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
5	42.33	.....	.....	41.72	.....	.....	42.66	43.08	43.40	43.83	44.24	44.36
10	42.29	.....	.....	41.71	.....	.....	42.73	43.03	43.46	43.88	44.24	44.47
15	42.28	.....	.....	.....	42.54	.....	42.83	43.09	43.55	43.97	44.26	.....
20	.....	.....	41.81	.....	42.67	.....	42.90	43.12	43.74	43.98	44.27	.....
25	.....	.....	41.73	.....	42.74	.....	42.97	43.20	43.82	44.10	44.26	.....
Eom	.....	.....	41.73	.....	42.85	42.57	42.96	43.31	43.86	44.16	44.34	44.16
1966												
5	44.02	43.47	42.71	42.82	.....	.....	.....	.....	.....	.....	45.32	.....
10	43.93	43.38	42.81	42.91	.....	.....	.....	.....	.....	.....	45.23	.....
15	43.74	43.17	42.72	42.99	.....	.....	.....	.....	.....	.....	45.21	.....
20	43.63	42.98	42.72	42.98	.....	.....	.....	.....	.....	.....	45.24	.....
25	43.54	42.92	42.72	.....	.....	.....	.....	.....	.....	45.23	45.21	.....
Eom	43.51	42.86	42.69	.....	.....	.....	.....	.....	.....	45.28	.....	44.83
1967												
5	44.75	44.51	.....	44.29	44.70	.....	.....	.....	.....	46.78	46.87	46.40
10	44.68	44.44	.....	44.37	44.85	.....	.....	.....	46.50	46.84	46.81	46.25
15	44.59	44.39	.....	44.45	44.95	.....	.....	.....	46.50	46.95	46.69	46.10
20	46.60	44.30	.....	44.53	.....	.....	.....	.....	46.53	47.00	46.67	45.96
25	.....	44.26	44.28	44.59	.....	.....	.....	.....	46.62	47.05	46.53	45.89
Eom	.....	.....	44.25	44.66	.....	.....	.....	.....	46.69	47.08	46.49	45.70
1968												
5	h45.55	.....	45.53	45.63	.....	44.70	45.63	46.21	46.28	46.64	47.10	46.39
10	.....	.....	45.54	45.57	45.78	44.87	45.70	46.29	46.16	46.67	46.96	46.36
15	.....	.....	45.43	45.54	44.08	45.06	45.82	46.29	46.21	46.74	47.00	46.30
20	.....	45.26	45.45	.....	44.18	45.15	45.89	46.32	46.33	46.74	46.91	46.25
25	.....	45.41	45.44	.....	44.34	45.27	46.00	46.32	46.38	47.16	46.90	45.99
Eom	.....	45.50	45.50	.....	44.59	45.50	46.16	46.24	46.52	47.31	46.86	45.67

e Estimated.

h Tape measurement.

Jackson County

344003N0860121.1. Local number Jac-1. Tennessee Valley Authority. In Scottsboro. Drilled unused water-table well in residuum of Fort Payne Chert of Early Mississippian age, diam 8 in, depth 16 ft. Lsd 641.88 ft above msl. MP top of 8-in casing, at lsd (since Mar. 2, 1966). Highest water level 0.4 below lsd, Jan. 31, 1957; lowest dry, many times during period of available records. Records available: 1936-41, 1943-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1964	4.54	Dec. 21, 1964	3.19	Dec. 20, 1965	13.18	Feb. 1, 1967	5.15
Feb. 21	3.33	Jan. 22, 1965	4.90	Jan. 20, 1966	6.92	Mar. 9	5.52
Mar. 23	3.15	Feb. 23	4.89	Mar. 2	5.43	Apr. 6	6.58
Apr. 21	4.72	Mar. 22	4.35	Apr. 11	7.79	May 8	4.48
May 22	7.00	Apr. 22	5.22	May 16	4.08	July 17	4.09
June 22	9.70	June 22	4.46	June 23	10.10	Aug. 31	4.50
July 21	3.54	July 28	8.11	July 26	10.68	Nov. 20	6.30
Aug. 21	8.06	Sept. 1	10.00	Sept. 26	8.99	Jan. 18, 1968	4.01
Sept. 22	11.56	24	6.99	Nov. 2	6.58	Mar. 1	7.94
Oct. 21	5.93	Oct. 25	10.40	Dec. 1	7.05	Apr. 2	5.05
Nov. 23	6.20	Nov. 23	11.92	Jan. 3, 1967	5.20		

Jefferson County

332605N0855230.1. Local number Jef-1. Woodward Iron Co. Formerly U.S. Geol. Survey. In Bessemer. Formerly Birmingham. Drilled unused 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 6-in casing, 1.00 ft above lsd. Highest water level 15.0 below lsd, Jan. 10, 1968; lowest 83.04 below lsd, Dec. 27, 28, 1954. Records available: 1954-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	49.6	40.0	32.4	27.2	22.8	31.8	36.7	40.2	43.4	46.6	49.2	50.8
10	45.9	39.7	30.8	24.8	23.3	32.1	37.4	40.6	43.9	47.0	49.6	49.9
15	44.6	39.4	29.0	23.3	24.9	33.2	37.8	41.1	44.6	47.3	50.1	47.7
20	43.8	36.9	28.1	23.5	26.7	34.3	38.3	41.7	45.1	47.7	50.7	46.4
25	42.6	35.9	28.3	24.3	e28.6	35.2	38.9	42.2	45.6	48.2	50.8	44.2
Eom	40.5	35.1	26.8	23.5	e30.5	35.9	39.8	42.8	46.0	48.8	51.2	43.4
1965												
5	43.0	38.4	30.7	27.4	29.0	35.5	36.6	34.7	36.2	38.9	41.5	43.5
10	42.8	37.9	30.6	e27.2	e30.1	34.8	36.6	35.3	36.4	39.4	41.9	43.8
15	e41.9	34.2	29.8	e27.9	31.5	33.7	34.5	36.0	36.7	39.8	42.2	44.0
20	e40.9	32.6	29.7	e28.4	32.6	34.3	33.8	36.5	37.4	40.1	42.5	44.1
25	e39.7	32.1	29.1	e28.8	33.5	35.1	34.0	37.1	37.9	40.7	42.9	44.3
Eom	38.6	31.8	27.7	28.6	34.6	35.9	33.8	37.0	38.4	41.2	43.3	44.3

332605N0865230.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	43.6	....	....	26.6	....	....	....	....	....	....	....	37.9
10	41.4	....	27.0	26.2	....	....	....	....	....	....	....	38.0
15	40.2	....	26.6	26.7	....	....	....	....	....	....	....	37.6
20	38.2	....	26.4	27.7	....	....	....	....	....	....	....	37.3
25	e37.3	....	26.4	28.4	....	....	....	....	....	....	....	37.6
Eom	36.9	....	26.6	....	....	....	....	....	....	....	....	37.6
1967												
5	37.5	35.0	29.3	....	34.4	32.7	35.3	31.4	26.6	31.0	30.4	25.9
10	37.4	33.8	29.2	....	33.1	33.1	....	31.3	27.1	31.3	30.0	24.6
15	37.2	32.4	29.1	32.3	33.4	33.7	....	29.2	27.3	31.9	30.2	22.1
20	36.6	31.3	29.4	32.9	33.9	34.2	35.0	29.7	28.9	32.4	30.7	21.2
25	36.3	30.1	29.8	33.6	32.1	34.6	34.0	30.1	29.8	32.6	28.8	19.3
Eom	35.3	29.7	....	33.9	32.2	34.9	32.2	26.6	30.4	33.1	28.0	18.5
1968												
5	17.7	17.2	22.3	18.9	21.1	22.1	27.2	20.0	21.9	26.0	29.8	29.7
10	15.5	17.9	22.7	18.0	22.0	23.2	26.5	19.9	21.5	26.8	30.1	29.6
15	15.7	19.1	21.2	18.1	21.6	24.3	23.9	20.8	22.4	....	30.5	29.9
20	16.0	20.0	20.2	18.9	20.0	25.0	22.0	21.1	23.4	....	30.4	30.1
25	16.0	21.3	19.5	19.8	19.9	25.7	20.8	21.0	24.2	....	30.7	...
Eom	16.5	21.9	19.0	20.4	21.1	26.6	20.8	21.0	25.2	....	30.9	23.5

e Estimated.

Lawrence County

342901N0871704.1 (revised). Local number Law-1. City of Moulton. At east side of hospital. Drilled unused artesian well in Bangor Limestone (previously reported Bangor Limestone and Hartselle Sandstone) of Late Mississippian age, diam 6 in, depth 260 ft, cased to 20, open hole. Lsd 650 ft above msl. MP top of 6-in 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: 1955-68.

Lowest water level for the day, from recorder graph, 1964

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.38	15.18	13.38	15.51	.....	.....	.....	.....	.....	.....	.....	.....
10	13.66	.....	14.03	14.32	.....	.....	.....	.....	.....	.....	.....	.....
15	14.79	.....	13.89	13.77	.....	.....	.....	.....	.....	.....	.....	.....
20	15.47	.....	13.84	15.40	.....	.....	.....	.....	.....	.....	.....	.....
25	14.20	15.03	14.67	.....	17.48	18.72	18.03	18.86	19.55	16.13	15.34	.....
Eom	14.66	15.23	15.34	.....	17.82	18.93	.....	.....	.....	e16.30	14.36	.....
1965												
5	.....	.....	.....	.....	17.00	.....	.....	17.05	17.96	18.72	20.26	21.86
10	.....	.....	.....	.....	17.52	.....	.....	17.03	18.22	18.87	20.65	22.25
15	.....	.....	.....	.....	17.86	.....	.....	17.51	18.30	19.20	20.67	22.20
20	.....	.....	.....	.....	18.03	.....	.....	17.79	18.53	19.40	21.90	22.34
25	15.48	15.40	14.01	16.30	18.23	16.99	.....	17.93	18.63	19.52	21.37	22.49
Eom	15.92	15.67	e13.17	16.48	.....	.....	16.40	18.07	18.70	19.83	21.50	22.12
1966												
5	20.0	18.2	13.2	16.7	13.6	16.8	18.3	18.1	18.4	18.0	e17.4	17.2
10	19.6	18.1	15.0	16.9	15.0	17.2	18.1	18.4	18.8	18.2	e17.2	e15.0
15	19.4	14.4	16.0	17.0	h14.5	17.7	18.6	17.9	18.4	18.4	e17.1	e15.1
20	19.6	14.6	15.9	17.3	14.3	18.1	18.0	18.3	17.1	17.0	17.2	e15.7
25	19.1	15.5	16.8	16.1	15.3	18.7	18.3	18.7	17.6	17.4	16.9	e15.9
Eom	19.4	15.9	16.4	13.2	16.4	18.9	18.9	18.3	17.8	17.6	e15.9	e15.2
1967												
5	....	16.0	14.9	16.8	....	....	18.0	....	16.3	17.7	15.6	14.6
10	....	16.2	14.5	17.2	....	....	17.9	....	15.9	17.5	16.1	14.9
15	....	16.3	15.2	....	....	....	18.3	....	16.4	17.8	16.6	14.7
20	15.5	15.6	15.7	....	15.7	17.9	....	....	17.1	17.6	16.8	12.5
25	16.0	14.5	16.1	....	....	18.0	....	....	17.7	17.1	15.8	13.3
Eom	15.8	14.4	16.5	....	....	18.0	....	15.6	17.3	17.0	15.5	14.0
1968												
5	13.2	15.8	16.5	14.5	16.6	16.6	18.7	19.2	20.6	20.8	21.4	19.2
10	12.2	16.2	16.9	14.8	17.0	17.1	18.8	19.6	20.2	20.7	21.4	19.4
15	13.7	16.5	15.0	15.4	14.5	17.4	18.3	19.2	20.9	20.8	21.4	....
20	14.5	16.6	15.5	15.9	14.6	17.6	18.8	19.2	20.4	21.3	13.2	....
25	15.2	16.6	13.6	16.3	15.7	18.0	19.2	19.8	20.8	21.6	13.4	....
Eom	15.9	16.8	15.0	16.1	15.9	18.6	18.6	20.3	20.5	22.0	13.4	....

e Estimated.

h Tape measurement.

344004N0872051.1 (revised). Local number Law-2. State of Alabama. At Courtland Air Base. Drilled unused artesian well in limestone of Fort Payne Chert of Early Mississippian age, diam 12 in, depth 200 ft, cased to 55, open hole. Lsd 592 ft above msl. MP top of 12-in casing, at lsd. Highest water level 11.1 below lsd, Feb. 28, 1962; lowest 50.6 below lsd, Nov. 1-2, 1963. Records available: 1960-68. Records September 1960 to June 1961 not previously published in WSP series. Recording gage installed June 27, 1961.

344004N0872051.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 15, 1960	48.65	Nov. 30, 1960	40.43	Feb. 22, 1961	28.20	May 4, 1961	34.35
21	47.20	Dec. 14	41.86	Mar. 9	21.11	17	38.62
Oct. 5	45.70	28	41.56	22	22.79	31	39.28
19	45.65	Jan. 11, 1961	36.98	Apr. 6	20.53	June 14	39.12
Nov. 2	43.08	25	38.04	19	26.68	27	38.89
16	42.60	Feb. 8	38.36				

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	43.2	34.9	19.9	19.9	21.1	37.4	e42.6	44.2	e45.0	45.9	44.5	38.3
10	34.2	36.0	20.0	18.6	24.7	38.8	e43.0	44.1	e45.8	44.9	44.8	39.5
15	33.8	35.6	12.4	16.5	e28.1	39.6	e43.3	43.6	e46.6	45.0	45.0	33.8
20	35.9	26.7	15.8	19.9	e31.4	e40.4	e43.3	....	e47.4	43.8	45.2	34.3
25	34.1	29.0	17.7	22.5	33.3	41.1	43.4	44.3	48.0	44.1	44.3	34.7
Eom	32.8	30.1	....	19.5	35.7	e42.0	43.9	44.6	47.9	44.2	38.6	36.1
1965												
5	35.5	38.7	....	14.3	33.23	....	40.17	41.11	....	e44.86	45.60	45.76
10	36.1	37.1	....	16.9	36.29	....	40.65	41.72	....	e45.07	45.63	45.82
15	32.6	32.1	....	20.1	38.69	....	41.17	e42.50	....	e45.24	45.65	45.74
20	....	35.2	....	23.7	40.19	....	....	e42.94	....	e45.36	45.65	45.75
25	35.7	....	29.8	27.10	....	37.53	....	e43.40	44.79	e45.48	45.68	45.82
Eom	37.7	....	16.3	29.25	....	39.22	40.21	e43.93	44.78	45.56	45.70	45.80
1966												
5	44.7	41.5	33.8	40.5	34.8	39.7	43.6	45.4	46.0	46.0	45.9	45.6
10	43.2	41.6	35.9	41.3	37.2	40.4	43.8	45.4	46.0	46.2	45.8	41.8
15	43.2	32.1	37.4	42.0	37.3	41.4	44.3	45.5	46.1	46.4	45.4	e35.9
20	43.2	30.0	37.9	42.6	33.8	42.1	44.6	45.6	46.2	46.4	45.3	e36.7
25	43.1	32.8	38.5	41.0	36.1	42.7	44.8	45.8	45.7	45.8	45.4	e37.2
Eom	43.3	34.2	39.7	39.8	38.3	43.2	e45.2	46.0	45.8	45.8	45.4	e37.5
1967												
5	38.2	40.0	31.1	39.1	33.9	....	....	34.8	28.0	37.2	38.3	29.2
10	39.1	40.5	28.1	40.0	28.1	....	....	33.7	25.7	38.4	39.3	30.9
15	39.5	41.2	30.8	40.8	29.4	....	....	28.8	26.7	39.2	40.0	29.3
20	39.4	40.7	33.4	41.9	30.4	....	....	25.7	29.7	39.6	40.6	....
25	40.1	39.8	35.8	42.5	....	....	....	27.9	32.7	40.0	37.2	....
Eom	39.5	30.0	38.1	38.0	....	....	....	24.6	35.1	40.2	37.3	....
1968												
5	....	....	....	....	35.9	32.2	40.6	43.5	....	44.0	44.7	45.1
10	....	....	....	25.0	37.6	34.8	41.1	43.8	....	44.0	45.0	45.1
15	....	....	....	27.1	30.9	36.5	41.5	44.1	....	43.4	45.0	45.0
20	18.0	....	....	29.7	28.7	37.6	42.0	44.2	44.4	43.2	45.2	44.8
25	20.8	....	....	32.1	31.5	38.9	42.5	44.7	43.2	43.8	45.2	38.6
Eom	....	....	....	33.8	29.6	39.9	43.1	45.0	43.6	44.4	45.2	36.2

e Estimated.

Macon County

322555N0854212.1 (revised). Local number Mac-1. Tuskegee Institute. Drilled unused artesian well in sand of Tuscaloosa Group of Late Cretaceous age, diam 18 to 8 in, depth 355 ft, cased to 315, formerly 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. Records available: 1948-68. Affected by pun ping of nearby wells. Recording gage removed January 1966. Measurements made by Tuskegee Institute 1964 to January 1966.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	66.12	65.73	65.53	65.18	64.55	60.99	....	62.09	62.73	62.37	62.06	62.48
10	65.97	66.01	65.44	64.94	64.52	60.95	61.87	62.12	62.52	62.57	61.99	62.55
15	65.93	65.94	65.36	64.87	64.44	61.15	61.99	61.38	62.02	62.45	61.40	61.97
20	65.66	65.71	65.03	64.77	63.11	61.20	61.78	61.45	62.18	62.06	61.66	61.95
25	65.53	65.69	65.19	64.63	61.12	61.98	61.90	61.54	62.37	62.08	61.31	....
Eom	65.56	65.71	65.40	64.54	60.89	61.89	62.17	62.11	62.08	62.00	61.61	61.75
1965												
5	61.98	61.27	61.06	59.15	59.56	59.50	60.63	60.55	60.62	60.55	60.83	60.77
10	61.93	60.87	61.13	59.12	59.54	....	....	60.53	60.68	60.39	60.63	60.58
15	61.64	60.70	61.03	59.32	59.52	59.47	60.56	60.58	60.67	60.52	60.65	62.25
20	....	60.56	60.04	59.61	59.69	60.52	60.53	60.57	60.89	60.39	60.64	64.24
25	....	61.26	59.82	59.65	59.48	60.61	60.34	60.44	60.80	60.64	60.55	64.68
Eom	61.17	61.35	59.19	59.58	59.49	....	60.39	60.48	60.74	60.75	60.75	65.01

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1966	64.56	July 24, 1967	63.72	Feb. 22, 1968	63.21	Aug. 7, 1968	58.83
Aug 11	63.90	Nov. 20	64.14	May 17	63.21	Oct. 28	64.05
Mar. 6, 1967	66.04						

Madison County

344402N0863439.1 (revised) Local number Mad-1. City of Huntsville. At Huntsville Junior High School. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 8 in, depth 140 ft, cased to 69, open hole. Lsd 660 ft above msl. MP top of 8-in casing, 0.50 ft above lsd. Highest water level 49.27 below lsd, Jan. 13, 1968; lowest 65.70 below lsd, Oct. 7, 1963. Records available: 1951-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	55.9	54.69	52.43	52.37	57.33	58.92	58.56	59.87	58.89	58.76	57.80
10	57.3	56.1	54.50	51.50	51.67	57.62	58.58	58.60	60.35	59.04	58.78	56.83
15	56.8	55.7	53.25	51.18	53.76	58.00	57.83	58.60	61.62	58.23	58.10	56.83
20	....	55.2	....	53.34	55.58	58.39	56.95	58.84	58.38	58.37	58.70	56.33
25	55.9	55.2	....	52.74	56.30	58.60	57.98	58.78	59.61	57.56	58.25	56.11
Eom	55.7	...	52.07	51.86	55.78	58.90	58.34	59.14	58.62	58.59	57.95	54.99

1965

5	55.73	56.05	53.34	51.98	55.60	58.10	58.11	58.47	58.17	59.12	59.40	60.00
10	54.56	54.70	54.92	52.38	57.00	58.06	57.85	58.54	59.02	58.99	59.83	60.22
15	55.10	53.63	55.04	52.92	57.64	57.94	57.81	59.35	58.82	59.96	60.18	58.92
20	55.38	53.95	54.85	53.93	56.93	57.62	58.02	58.79	58.96	59.66	59.60	60.03
25	55.52	54.27	54.08	54.51	58.09	57.92	58.00	58.74	59.00	59.59	58.82	60.80
Eom	55.76	54.26	51.84	55.00	58.63	58.65	58.28	58.79	58.96	58.85	59.80	59.95

1966

5	58.8	59.9	56.4	58.2	57.5	59.3	e58.9	59.6	59.1	59.4	59.2	59.5
10	58.7	58.4	56.7	58.2	57.3	57.4	59.1	59.1	59.4	59.7	59.4	58.9
15	58.4	57.5	56.7	59.1	56.5	59.0	60.5	59.1	59.4	59.6	59.1	58.6
20	58.5	55.7	57.0	59.1	56.4	58.0	59.2	58.4	59.2	58.9	59.1	58.6
25	58.5	56.8	57.4	58.9	56.5	59.5	59.3	58.8	59.2	59.1	59.3	57.9
Eom	60.8	56.9	57.8	58.6	56.9	e59.0	59.4	59.1	59.3	59.4	59.4	58.5

1967

5	58.5	58.3	55.3	....	54.8	55.0	57.3	54.6	55.5	56.9	....	55.8
10	58.6	58.5	57.8	57.1	54.1	55.2	57.0	54.9	55.2	57.3	57.3	55.7
15	57.7	58.7	56.0	57.6	55.0	55.6	54.3	54.9	55.3	....	57.6	55.4
20	57.6	57.9	56.2	58.0	53.3	56.1	54.7	54.9	55.6	....	57.8	53.0
25	57.7	57.0	56.6	58.0	54.0	56.4	54.7	55.1	56.0	....	57.3	52.2
Eom	58.5	56.7	56.5	57.5	54.7	57.3	54.2	55.2	56.4	....	56.9	53.0

1968

5	52.3	....	57.1	55.8	56.1	58.2	60.6	61.2	61.4	62.0	61.3	61.6
10	51.8	....	57.4	55.3	56.6	58.8	60.8	61.4	61.1	61.9	61.2	61.4
15	51.6	....	57.4	55.2	57.3	59.2	61.0	61.4	61.0	61.2	61.3	....
20	....	....	57.4	55.1	56.9	59.7	60.9	61.4	61.5	61.9	60.6	....
25	....	....	56.1	55.4	57.5	60.0	61.2	60.8	61.6	62.8	60.0	....
Eom	....	....	56.1	55.7	57.6	60.5	61.3	60.9	61.3	61.1	60.2	....

e Estimated.

Marengo County

323055N0875041.1 (revised). Local number Mag-1. J. C. Webb Compress Co. In Demopolis. 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 860, slotted 860-900. Lsd 110 ft above msl. MP top of 4-in casing, at lsd (corrected). Highest water level 0.15 below lsd, Feb. 26, 1954; lowest 22.8 below lsd, June 30, 1964. Records available: 1953-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	16.1	....	....	....	20.3	21.9	19.3	20.7	19.3	19.6	18.9
10	....	16.2	....	9.8	....	20.5	18.2	19.1	19.1	18.9	19.2	19.1
15	....	16.4	....	....	....	21.2	....	19.7	19.9	17.7	19.7	18.1
20	....	15.9	10.0	....	18.2	....	....	18.9	19.6	18.7	19.1	18.8
25	16.3	16.3	9.4	....	19.2	22.0	16.7	19.4	19.8	19.3	19.0	19.3
Eom	15.7	16.5	10.1	....	19.8	22.8	19.6	19.5	20.0	19.5	18.7	17.1

1965

5	18.3	13.9	....	....	....	14.9	13.4	13.2	11.2	10.7	10.8	8.3
10	e18.3	11.6	....	....	....	13.8	12.2	12.5	10.9	9.2	10.4	9.3
15	18.7	10.3	....	hs.99	12.2	13.2	....	12.6	11.1	10.8	10.5	8.7
20	19.7	....	....	....	13.0	13.0	11.6	12.3	10.6	10.6	9.7	8.5
25	18.8	....	....	....	13.0	14.4	12.0	12.0	11.0	9.0	9.7	8.5
Eom	15.1	....	....	....	12.4	13.0	12.4	11.4	10.3	9.8	8.1	9.0

1966

5	8.9	10.8	7.8	8.3	....	....	....	....	....	19.1	13.3	12.4
10	8.6	9.9	8.1	9.2	....	....	....	....	14.5	19.1	13.1	12.3
15	8.5	8.2	8.5	9.4	....	....	....	....	14.4	14.9	16.2	11.8
20	9.1	7.8	8.5	8.8	....	....	....	....	14.8	13.1	13.4	12.3
25	8.6	8.8	9.3	9.8	....	....	....	....	e17.4	13.5	12.3	11.6
Eom	10.0	8.3	8.9	13.8	....	....	....	....	17.2	13.2	12.5	11.3

1967

5	11.3	11.5	12.4	11.6	12.5	...	17.6	17.6	14.8	15.8	17.0	15.6
10	11.1	11.6	12.0	12.1	...	...	13.7	16.4	16.8	14.7	15.1	17.3
15	11.6	10.9	...	13.2	13.0	15.2	16.1	15.1	16.8	15.6	16.0	15.6
20	12.3	10.8	10.4	12.4	...	14.8	16.1	16.8	16.5	15.7	15.5	14.8
25	11.0	10.8	11.5	12.1	...	16.5	14.7	16.0	16.9	15.1	16.6	15.0
Eom	10.9	11.0	12.1	12.7	...	17.6	15.5	16.7	17.0	14.7	16.7	14.5

323055N0875041.1--Continued.

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.6	16.3	17.6	15.2	16.9	17.3	20.5	19.6	18.7	....	18.3	18.7
10	15.0	17.0	18.1	15.2	16.9	18.7	18.5	21.9	18.5	....	18.1	....
15	14.6	17.3	18.3	15.7	16.2	....	....	20.7	19.0	....	19.0	....
20	16.5	17.2	16.9	16.8	16.1	....	....	20.4	19.1	....	18.1	....
25	16.6	19.1	16.3	15.8	17.4	19.5	....	20.3	19.0	....	17.9	16.8
Eom	17.3	19.1	15.6	14.6	16.9	21.0	....	20.2	....	19.3	18.4	....

e Estimated.

h Tape measurement.

32152N0873730.1 (revised). Local number Mag-2. State of Alabama. At Thomaston Prison. 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 4-in casing, 1.00 ft above lsd. Highest water level 7.83 below lsd, Mar. 30, 1954; lowest 16.1 below lsd, Sept. 21, 1968. Records available: 1954-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	13.3	13.2	13.1	13.2	....	....	....	....	....	e14.0	13.9
10	....	13.3	13.2	13.1	13.3	....	....	....	....	....	e14.2	13.9
15	....	13.3	13.2	13.1	13.3	....	....	....	....	....	e14.0	13.9
20	....	13.3	13.2	13.2	13.4	....	....	13.6	....	e13.7	e13.9	13.9
25	13.4	13.2	13.3	13.2	13.6	14.8	13.6	13.7	....	e13.9	13.8	13.6
Eom	13.4	13.3	13.2	13.1	....	14.7	....	....	....	e13.9	13.9	....

1965

5	....	13.8	13.7	13.9	14.1	14.8	14.4	14.7	14.7	14.6	15.0	14.9
10	....	13.8	14.0	13.9	14.5	14.5	14.3	14.5	14.8	14.6	15.0	15.0
15	....	....	14.0	14.0	14.5	14.1	14.3	14.5	14.7	14.7	15.1	14.8
20	13.7	13.7	14.0	14.0	14.6	14.3	14.4	14.5	14.8	14.7	15.0	14.7
25	13.8	13.9	13.9	14.0	14.8	14.3	14.5	14.6	14.9	14.8	15.0	14.8
Eom	e14.1	13.8	13.9	14.1	14.8	14.4	14.4	14.7	14.7	14.9	15.0	14.7

1966

5	14.6	14.9	14.4	14.5	14.7	14.7	14.6	15.2	15.3	15.3	15.5	....
10	14.7	....	14.6	14.6	14.7	14.7	14.7	15.1	15.3	15.4	15.2	....
15	14.4	14.6	14.3	14.7	14.7	14.8	14.8	15.1	15.2	15.4	15.3	....
20	14.6	14.6	14.3	14.7	14.7	14.8	14.8	15.1	15.1	15.4	15.3	....
25	14.5	14.5	14.6	14.7	14.6	14.6	14.7	15.2	15.2	15.4	15.3	....
Eom	14.6	e14.3	14.4	14.6	14.6	14.6	14.8	15.2	15.2	15.4	15.2	15.3

1967

5	15.3	15.0	....	....	15.6	15.4	15.9	15.5	15.4	15.6	15.7	15.7
10	15.3	15.0	....	....	15.5	15.5	15.9	15.5	15.4	15.5	15.7	15.6
15	15.3	15.0	....	....	15.5	15.7	15.8	15.6	15.4	15.6	15.7	15.7
20	15.2	15.0	15.1	15.4	15.5	15.9	15.8	15.5	15.6	15.6	15.8	16.0
25	15.2	15.1	....	15.5	15.4	15.9	15.6	15.5	15.6	15.6	15.6	15.8
Eom	15.0	....	....	15.6	15.4	16.0	15.6	15.4	15.6	15.3	15.6	15.7

1968

5	15.8	....	15.5	14.4	....	14.6	14.8	14.7	14.8	15.5	15.3	15.1
10	15.6	....	15.6	14.5	14.5	14.7	14.6	14.7	15.3	15.2	15.2	15.2
15	15.6	15.2	15.5	14.4	14.4	14.8	14.7	14.7	15.8	15.2	15.3	....
20	....	15.4	15.5	....	14.4	14.8	14.7	14.7	16.0	15.3	15.3	....
25	....	15.4	15.5	....	14.5	14.7	14.8	14.7	15.8	15.3	15.2	....
Eom	....	15.5	14.4	....	14.5	14.8	14.8	14.8	15.6	15.4	15.2	....

e Estimated.

Marion County

335803N0875513.1 (revised). Local number Mar-1. M. M. Burleson. In Guin. Drilled unused artesian well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 6 in, depth 520 ft, cased to 80, open hole. Lsd 452 ft above msl. MP top of 6-in 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: 1952-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.62	6.92	6.65	6.62	5.52	6.54	7.14	7.31	7.52	7.27	7.55	7.32
10	7.48	7.15	6.47	6.32	5.68	6.72	7.23	7.37	7.56	7.28	7.57	7.24
15	7.41	6.98	6.30	5.87	5.93	6.64	7.10	7.44	7.74	7.26	7.72	6.89
20	7.38	6.94	6.06	5.90	6.08	6.82	7.16	7.31	7.75	7.26	7.73	6.80
25	7.13	6.87	6.20	6.00	6.24	6.96	7.12	7.41	7.86	7.32	7.38	6.61
Eom	7.03	7.00	....	5.59	6.40	7.05	7.28	7.39	7.34	7.44	7.32	6.80

1965

5	6.81	6.93	6.17	e6.05	6.55	7.16	7.52	7.88	8.06	8.11	8.41	8.52
10	6.78	6.56	6.34	e5.87	6.68	7.19	7.61	7.78	8.09	8.15	8.45	8.64
15	6.69	6.19	6.27	6.04	6.84	7.19	7.66	7.84	8.06	8.20	8.43	8.57
20	6.78	6.14	6.35	6.25	6.88	7.29	7.74	7.90	8.19	8.24	8.43	8.57
25	h6.71	6.40	6.19	6.28	6.97	7.39	7.74	7.97	8.22	8.40	8.47	8.65
Eom	6.87	6.28	e5.83	6.54	7.06	7.50	7.74	7.95	8.17	8.37	8.58	8.62

335803N0875513.1--Continued.

1966											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	8.5	...	...	7.9	7.2	7.2	...	7.9	8.2	...	...
10	8.4	8.1	...	7.9	7.3	7.2	...	8.0	8.3	...	...
15	8.3	7.7	7.7	...	7.1	7.3	7.7	...	8.2	...	8.4
20	8.3	7.7	7.8	8.0	7.0	7.4	7.7	8.1	8.1	...	8.4
25	8.3	7.7	7.8	7.7	...	7.4	7.8	8.2	8.2	...	8.4
Eom	8.3	7.8	7.7	7.3	h7.1	7.5	7.9	8.2	...	...	8.2
1967											
5	8.1	8.0	...	7.5	7.7	7.5	7.7	7.4	...	7.8	...
10	8.1	8.0	...	7.6	7.4	7.6	7.5	7.3	...	7.8	7.8
15	8.1	7.8	...	7.6	7.4	7.6	7.3	7.4	...	7.9	7.8
20	8.1	...	...	7.7	7.5	7.7	7.4	...	...	7.9	7.9
25	8.0	...	7.5	...	7.5	7.8	7.3	...	7.8	7.9	...
Eom	7.9	...	7.5	...	7.4	7.7	7.4	...	7.9	...	...
1968											
5	6.7	6.4	6.5	...	6.2	6.0	6.5	6.6	6.8	7.2	7.0 7.1
10	6.1	6.3	6.4	...	6.3	6.2	6.4	6.5	6.7	6.9	7.0 7.3
15	6.2	6.5	6.6	6.2	5.8	6.2	6.5	6.6	6.9	6.9	7.1 7.3
20	6.3	...	6.4	6.2	5.8	6.3	6.4	6.7	7.0	7.0	7.2 7.2
25	6.2	...	6.4	6.3	5.9	6.4	6.4	6.7	7.0	7.0	7.2 7.1
Eom	6.4	6.5	6.3	6.1	6.0	6.5	6.4	6.8	7.1	7.1	7.2

e Estimated.

h Tape measurement.

Marshall County

342455N0861602.1. Local number Mal-1. Kayo Oil Co. In Claysville. Drilled unused artesian well in Chickamauga Limestone of Middle and Late Ordovician age, diam 6 in, depth 71 ft, cased to 20, open hole. Lsd 605 ft above msl. MP top of 6-in casing, 0.50 ft above lsd. Highest water level 3.80 below lsd, July 13, 1967; lowest 39.07 below lsd, Nov. 8, 22, 1961. Records available: 1961-68. Affected by stage of Guntersville reservoir, well is 9 mi upstream from dam.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	...	...	...	6.67	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	8.63
15	...	...	...	...	...	...	...	...	...	...	9.24
20	...	...	...	...	...	...	...	...	...	...	6.70
25	...	6.98	6.17	6.19	7.90	9.17	...	7.40	9.85	7.54	6.14 6.11
Eom	...	...	...	...	...	...	...	...	e6.72	...	6.48
1965											
5	6.11	6.26	...	5.04	...	...	7.23	8.64	...	7.23	7.91 7.08
10	6.56	5.04	...	...	...	...	7.37	8.36	...	6.97	7.71 7.28
15	6.36	e5.22	...	...	...	...	7.46	9.14	...	7.96	7.06 7.32
20	e6.74	e5.94	...	...	...	...	7.26	8.83	...	7.78	7.60 6.70
25	6.43	6.19	4.92	6.64	...	6.92	7.78	7.68	7.72	7.24	6.78 6.80
Eom	6.61	...	e5.18	...	...	7.37	8.20	...	7.97	7.28	6.72 7.38
1966											
5	6.4	e6.1	4.9	...	5.8	7.0	6.5	...	6.7	7.6	...
10	6.4	...	...	e7.0	6.3	6.9	6.4	...	7.1	7.6	...
15	6.4	...	...	7.1	5.2	6.7	7.3	...	6.6	6.9	...
20	6.5	e5.2	...	7.7	e5.5	6.7	...	...	7.1	...	...
25	6.3	...	...	6.4	e6.9	7.6	...	...	7.4	...	...
Eom	6.5	...	...	5.1	e7.1	6.5	...	...	7.4	...	...
1967											
5	6.9	5.8	...	7.3	...	...	5.4	5.6	5.6	6.8	5.7
10	7.1	6.3	...	7.3	6.1	...	4.9	5.7	5.9	5.6	6.3
15	5.8	6.6	...	7.3	...	...	4.6	5.9	6.1	6.5	6.8
20	6.2	5.4	...	...	...	...	5.4	5.8	6.5	5.9	...
25	6.2	...	...	...	...	...	5.4	5.4	7.1	6.0	...
Eom	6.0	...	7.0	...	...	...	5.2	5.7	6.3	6.3	...
1968											
5	5.5	...	6.4	5.5	6.5	6.5	6.9	6.7	8.6	6.9	7.3 6.3
10	5.1	...	6.6	6.0	6.8	7.0	6.5	7.4	6.6	6.5	6.8 6.7
15	...	...	5.6	5.8	5.5	6.8	6.2	7.1	7.3	6.8	6.6 6.6
20	...	6.7	6.0	6.2	5.7	7.2	6.5	7.4	6.9	7.1	6.3 6.7
25	...	6.9	5.9	6.6	6.2	7.4	6.4	7.9	6.6	7.8	6.7
Eom	...	6.8	6.0	6.4	6.1	7.8	6.1	8.6	6.3	8.3	...

e Estimated.

342022N0861834.1, formerly 342022N0861830.1. Local number Mal-2. Boaz Spinning Mills. In Guntersville. Drilled unused artesian well in the Fort Payne Chert of Early Mississippian age, diam 6 in, depth 130 ft, cased to 124, open hole. Lsd 610 ft above msl. MP top of 6-in casing, 2.10 ft above lsd. Highest water level below lsd, Apr. 22, 1962; lowest 19.6 below lsd, Nov. 23, 1964. Records available 1962-68. Affected by pumping of nearby wells. Affected by stage of Guntersville reservoir, well is 7 mi upstream from dam.

Lowest water level for the day, from recorder graph, 1964											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	15.4	14.2	15.4	14.1	17.2	17.1	17.5	18.4
10	.....	.....	.....	14.1	13.0	15.6	16.6	17.4	16.6	17.5	18.9
15	.....	.....	.....	14.0	.....	15.2	16.7	18.0	16.2	17.6	19.5
20	.....	.....	.....	13.0	14.9	16.3	16.3	17.6	16.7	17.6	19.4
25	16.93	17.2	15.4	13.2	14.9	16.1	17.1	17.7	17.2	17.7	19.2
Eom	.....	17.1	.....	14.2	13.1	14.1	17.2	17.4	17.3	18.4	.....
1965											
5	.....	.....	.....	14.9	15.2	.....	.....	16.7	16.5	.....	18.7
10	.....	.....	.....	15.1	14.6	.....	.....	.....	17.2	.....	17.1
15	.....	.....	.....	14.0	14.7	.....	.....	.....	17.5	.....	17.2
20	.....	.....	.....	14.5	15.7	.....	.....	.....	17.7	.....	17.3
25	18.5	17.6	16.2	13.9	.....	14.5	.....	.....	.....	16.0	17.0
Eom	18.8	.....	15.0	14.1	.....	14.2	16.6	.....	.....	16.8	17.4
1966											
5	.....	e17.0	.....	.....	.....	15.3	.....	.....	.....	.....	17.6
10	.....	e16.6	.....	.....	.....	.....	.....	.....	.....	.....	17.5
15	.....	e16.2	.....	.....	.....	.....	.....	.....	.....	18.5	.....
20	e16.9	e16.0	.....	.....	.....	.....	e18.1	.....	.....	17.6	.....
25	e17.1	.....	.....	.....	.....	.....	.....	.....	.....	18.5	.....
Eom	e17.2	.....	.....	.....	.....	.....	.....	.....	.....	17.5	.....
1967											
5	.....	.....	15.4	.....	.....	.....	.....	.....	19.0	16.5	.....
10	.....	.....	17.4	.....	.....	.....	.....	.....	18.2	16.6	.....
15	18.0	.....	.....	.....	.....	.....	.....	18.4	18.4	14.9	18.0
20	18.0	.....	.....	.....	.....	.....	.....	17.2	18.1	.....	18.0
25	.....	17.4	.....	.....	.....	.....	.....	19.4	17.2	.....	17.9
Eom	17.0	.....	19.0	.....	.....	.....	19.9	19.0	16.6	.....	17.8
1968											
5	16.9	16.6	17.5	17.0	15.4	16.1	14.8	17.7	16.2	.....	18.2
10	16.6	16.9	15.7	17.1	.....	17.5	16.7	18.0	16.4	17.4	17.4
15	16.3	.....	.....	15.4	.....	17.3	17.0	17.2	15.5	17.8	18.7
20	17.4	17.3	.....	15.2	16.2	17.4	17.4	16.4	16.5	17.7	18.5
25	16.9	17.3	17.1	16.7	16.2	17.0	17.2	16.1	16.7	18.4	18.1
Eom	17.2	18.5	16.4	16.0	15.5	15.5	17.2	16.9	16.0	18.4	17.7

e Estimated.

341944N0861817.1. Local number Mal-3. Val Monte Resort. In Guntersville. Drilled unused artesian well in Bangor Limestone or Girkin Formation of Late Mississippian age, diam 6 in, depth 305 ft, cased to 40, open hole. Lsd 600 ft above msl. MP top of 6-in casing, 1.70 ft below lsd. Highest water level 2.68 below lsd, Feb. 21, 1964; lowest 8.09 below lsd, Oct. 23, 1968. Records available: 1962-68. Affected by stage of Guntersville reservoir, well is 7 mi upstream from dam.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1964	3.48	Dec. 21, 1964	5.15	Feb. 18, 1966	5.92	Sept. 15, 1967	5.10
Feb. 21	2.68	Jan. 22, 1965	6.26	June 2	4.90	Oct. 9	4.50
Mar. 23	2.96	Feb. 23	6.40	July 19	5.43	Nov. 14	5.32
Apr. 21	5.00	Mar. 22	6.58	Aug. 29	6.12	Jan. 3, 1968	6.46
May 22	6.35	Apr. 22	4.65	Oct. 14	5.97	Feb. 19	6.28
June 22	7.53	June 22	4.68	Nov. 23	6.49	Mar. 27	6.25
July 21	5.39	July 28	5.24	Jan. 11, 1967	6.33	Apr. 30	4.79
Aug. 21	6.60	Aug. 31	5.29	Feb. 21	5.59	June 10	4.82
Sept. 22	8.05	Sept. 24	5.71	Mar. 31	6.47	July 22	5.53
Oct. 21	5.25	Oct. 25	5.52	May 8	4.72	Aug. 20	5.83
Nov. 6	7.02	Dec. 20	6.58	July 5	5.09	Oct. 7	6.96
23	5.55	Jan. 2, 1966	6.35	Aug. 14	5.80	23	8.09

341837N0862943.1. Local number Mal-4. City of Arab. In Spurrill Lumber Yard. Drilled unused artesian well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 8 in, depth 362 ft., cased to 100, open hole. Lsd 1,080 ft above msl. MP top of 8-in casing, at lsd. Highest water level 50.11 below lsd, Feb. 12, 1966; lowest 76.6 below lsd, Nov. 27, 1963. Records available: 1956, 1962-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	70.63	68.29	67.34	67.13	.....	66.12	.....	71.01	71.26	72.42	69.92	67.59
10	70.00	68.76	66.50	66.36	.....	65.94	.....	71.57	71.68	71.95	69.82	67.21
15	69.49	68.52	66.36	65.68	.....	66.64	.....	72.11	72.49	71.63	70.04	66.66
20	69.46	68.11	65.87	65.48	.....	67.42	.....	71.78	73.12	70.82	69.34	66.22
25	69.17	67.72	66.23	.....	66.05	68.34	70.04	71.65	73.75	70.51	68.44	65.56
Eom	68.56	67.96	67.16	.....	66.66	69.05	70.46	71.09	73.91	69.89	68.08	66.01
1965												
5	65.79	.....	.....	62.78	63.96	.....	53.88	52.88	52.17	51.90	52.26	52.01
10	65.60	.....	.....	.....	64.20	.....	53.04	52.83	52.25	51.93	52.30	52.44
15	65.11	.....	.....	62.71	64.38	.....	53.12	53.04	51.72	51.98	52.35	52.04
20	65.41	.....	.....	.....	65.10	.....	52.88	52.56	51.79	52.07	52.27	51.89
25	e65.33	.....	63.64	63.48	.....	54.62	52.56	52.83	51.80	52.07	52.12	52.05
Eom	.....	.....	62.97	63.95	.....	54.12	52.76	52.05	51.86	52.10	52.15	52.02
1966												
5	51.8	51.2	50.1	.....	.....	.....	.....	.....	.....	61.3	60.9	62.8
10	51.6	50.9	.....	.....	.....	.....	.....	.....	.....	61.2	60.7	60.9
15	51.1	50.7	.....	e51.5	.....	.....	.....	.....	.....	61.5	60.5	60.7
20	51.1	50.5	.....	.....	.....	.....	61.7	.....	.....	61.0	60.5	60.6
25	51.1	50.3	.....	.....	.....	.....	.....	.....	.....	60.5	60.6	60.1
Eom	51.2	50.3	.....	.....	.....	.....	.....	.....	61.4	60.6	60.9	61.0
1967												
5	61.0	61.0	60.8	61.5	61.3	60.5	61.5	60.5	60.0	61.2	.....	61.0
10	61.0	61.1	61.1	61.7	60.5	60.8	.....	.....	59.9	61.3	.....	60.9
15	61.0	61.2	61.4	62.0	60.1	61.3	.....	60.6	59.9	.....	61.8	61.0
20	61.1	60.9	61.4	62.7	59.9	62.0	.....	60.5	60.3	.....	62.0	60.7
25	61.1	61.2	61.4	62.7	59.8	62.4	.....	60.5	60.8	.....	61.6	60.4
Eom	61.0	60.8	61.6	61.3	60.0	.....	60.3	59.6	61.0	.....	61.4	60.4
1968												
5	61.2	62.7	64.1	62.4	63.7	63.2	66.8	.....	70.7	.....	.....	.....
10	61.1	63.0	63.9	62.6	64.0	63.5	66.9	.....	.....	.....	.....	.....
15	61.4	63.7	63.5	62.6	63.6	63.7	65.4	.....	.....	.....	.....	.....
20	61.9	63.7	62.9	63.1	63.1	64.3	65.0	.....	70.8	.....	.....	.....
25	62.1	64.2	62.8	63.3	63.2	65.0	65.2	69.1	71.1	.....	.....	.....
Eom	62.6	64.2	62.5	63.3	63.1	66.1	.....	69.9	71.6	.....	.....	.....

e Estimated.

Mobile County

305743N0880103.1 (revised). Local number Mob-1. Courtaulds, Inc. In Salco. Drilled unused water-table well in sand and gravel of Pliocene(?) and Miocene age, diam 12 to 8 in, depth 123 ft, cased to 105, 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 54.38 below lsd, Dec. 31, 1968. Records available: 1954-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	45.19	44.99	45.10	45.31	45.96	45.54	44.97	44.90	45.34	45.31	45.45
10	.....	45.09	45.17	45.23	45.50	45.71	45.35	44.88	44.89	45.34	45.34	45.50
15	.....	45.05	45.15	45.34	45.90	45.50	45.25	44.85	44.95	45.17	45.35	45.67
20	.....	44.98	45.16	45.24	45.83	.....	45.18	45.06	44.98	45.08	45.36	45.59
25	45.45	44.99	45.15	45.42	45.95	45.80	45.10	45.10	45.28	45.10	45.40	45.39
Eom	45.62	45.01	45.14	45.39	45.93	45.89	45.06	44.92	45.24	45.36	45.46	45.45
1965												
5	45.45	45.56	45.26	46.66	46.13	46.75	47.98	e48.62	49.20	49.70	48.50	47.70
10	45.53	45.56	45.43	46.76	46.56	46.95	48.08	e48.72	49.25	49.68	e48.15	47.73
15	45.62	45.49	45.91	46.85	46.78	47.29	48.23	e48.81	49.34	49.75	47.97	47.72
20	45.65	45.41	46.12	46.93	46.94	47.55	48.32	48.89	49.45	49.81	47.83	47.85
25	45.61	45.25	45.96	46.75	47.07	47.73	48.41	49.00	49.53	49.89	47.75	48.01
Eom	45.47	45.30	46.45	46.13	47.20	47.87	e48.53	49.13	49.60	49.26	47.73	48.09

305743N0880103.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	48.03	.....	48.01	47.57	47.07	.....	47.84	47.98	48.20	48.42	48.65	48.71
10	47.99	.....	48.05	47.59	46.99	.....	47.82	48.02	48.25	48.45	48.67	48.63
15	47.87	.....	47.93	47.53	47.05	.....	47.83	48.05	48.26	48.50	48.73	48.67
20	47.90	48.11	47.87	47.37	47.09	.....	47.88	48.09	48.32	48.54	48.73	48.61
25	47.88	48.12	47.82	47.29	47.13	.....	47.92	48.14	48.35	48.54	48.73	48.64
Eom	.....	48.10	47.64	47.13	.....	.....	47.95	48.17	48.36	48.58	48.70	48.71
1967												
5	48.71	48.74	48.83	48.55	48.66	48.89	.....	.....	47.99	47.78	47.63	48.11
10	48.73	48.74	48.78	48.78	48.63	.....	.....	.....	47.86	47.72	47.72	48.14
15	48.67	48.81	48.78	48.92	48.65	.....	.....	.....	47.82	47.72	47.75	48.43
20	48.73	48.72	48.80	48.83	48.70	.....	48.94	.....	47.81	47.68	47.86	48.46
25	48.72	49.04	48.71	48.75	48.74	.....	.....	.....	47.80	47.64	47.89	48.54
Eom	48.74	49.03	48.59	48.72	48.82	.....	.....	.....	47.77	47.59	47.02	48.48
1968												
5	48.58	50.18	49.51	50.42	49.63	50.88	51.91	52.42	52.98	53.38	53.81	54.20
10	48.64	49.82	49.28	50.45	49.34	51.12	.....	52.50	53.00	53.48	53.87	54.29
15	49.04	49.51	49.55	50.33	49.67	51.33	.....	52.60	52.96	53.58	53.95	54.30
20	49.50	49.29	49.63	49.97	49.65	51.49	.....	52.69	53.06	53.64	54.03	54.31
25	49.62	49.79	49.90	49.95	50.12	51.63	.....	52.81	53.17	53.70	54.09	54.37
Eom	50.09	49.67	50.17	49.65	50.59	51.78	.....	52.87	53.27	53.77	54.15	54.38

e Estimated.

Monroe County

313120N0872025.1. Local number Mon-3. Monroeville American Legion Club. Formerly U.S. Geol. Survey. Drilled unused 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 6-in 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: 1953-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	64.66	64.08	63.45	62.13	60.80	59.39	.....	59.00	59.31	59.78	60.09	60.53
10	64.65	64.02	63.02	62.03	60.40	59.27	.....	59.03	59.36	59.78	60.16	60.60
15	64.52	63.92	62.77	61.95	60.15	59.18	.....	59.06	59.46	59.77	60.24	60.69
20	64.48	63.88	62.56	61.80	59.92	59.12	.....	59.13	59.51	59.87	e60.36	60.77
25	64.39	63.82	62.39	61.70	59.73	.....	58.90	59.18	59.59	59.93	60.32	60.80
Eom	64.24	63.75	62.27	61.28	59.52	.....	58.97	59.24	59.66	60.03	60.45	60.87
1965												
5	60.85	59.83	58.01	56.40	55.52	55.70	56.31	57.03	57.77	55.80	55.93	57.43
10	60.87	59.68	57.75	56.13	55.48	55.78	56.42	57.14	57.90	56.32	57.01	57.64
15	60.88	59.50	57.51	55.93	55.49	55.85	56.53	57.23	58.06	56.63	57.10	57.75
20	60.92	59.12	57.27	55.81	55.47	55.96	56.67	57.38	58.21	56.73	57.15	57.83
25	60.38	58.65	56.95	55.65	55.51	56.07	56.78	57.50	58.33	56.82	57.24	57.95
Eom	59.94	58.35	56.65	55.61	55.60	56.20	56.89	57.64	58.44	56.86	57.37	58.03
1966												
5	58.07	58.46	56.07	53.80	53.82	54.51	55.28	56.34	57.40	58.37	59.25	59.66
10	.....	58.47	55.15	53.71	53.94	54.62	55.43	56.52	57.56	58.52	59.35	59.74
15	.....	58.44	54.73	53.64	54.01	54.77	55.57	56.75	57.71	58.71	59.41	59.83
20	.....	58.08	54.43	53.65	54.11	54.92	55.74	56.88	57.87	58.84	59.45	59.89
25	.....	57.64	54.18	53.64	54.20	54.94	55.92	57.05	58.03	58.94	59.51	60.01
Eom	.....	57.40	53.84	53.73	54.38	55.08	56.10	57.24	58.17	59.07	59.59	60.19
1967												
5	60.09	59.80	59.69	59.85	60.19	60.44	60.87	61.34	61.90	62.26	62.70	63.08
10	60.03	59.79	59.75	59.88	60.21	60.51	60.96	61.42	61.95	62.33	62.74	63.14
15	59.52	59.76	59.75	59.96	60.26	60.58	61.02	61.51	62.01	62.40	62.82	63.20
20	59.87	59.72	59.75	60.00	60.31	60.65	61.10	61.60	62.07	62.48	62.88	63.22
25	59.83	59.79	59.76	60.10	60.36	60.73	61.16	61.68	62.13	62.57	62.95	63.23
Eom	59.82	59.72	59.82	60.00	60.40	60.79	61.25	61.84	62.20	62.62	63.03	63.28
1968												
5	63.29	63.25	63.41	63.59	63.78	64.03	64.32	64.32	64.38	64.53	64.79	65.06
10	63.27	63.26	63.44	63.61	63.79	64.07	64.39	64.20	64.39	64.58	64.85	65.08
15	63.26	63.31	63.47	63.63	63.85	64.11	64.41	64.22	64.43	64.57	64.87	65.23
20	63.24	63.30	63.49	63.69	63.90	64.18	64.35	64.26	64.43	64.66	64.93	65.27
25	63.24	63.35	63.52	63.74	63.93	64.25	64.32	64.35	64.46	64.70	64.98	65.28
Eom	63.24	63.36	63.54	63.76	63.98	64.30	64.32	64.32	64.50	64.75	65.04	65.35

e Estimated.

Montgomery County

322121N0862327.1 (revised). Local number Mtg-2. City of Montgomery. In west well field. 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 208, screened 208-218, 232-242, 330-350, 376-386, 403-418, 605-620, 650-670. Lsd 161.5 ft above msl. MP top of 18-in casing, 1.20 ft above lsd. Highest water level 52.0 below lsd, Mar. 18, 1968; lowest 128.1 below lsd, Oct. 2-3, 1955. Records available: 1951-68. Affected by pumping of nearby wells.

322121N0862327.1--Continued.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	102.8	101.8	100.9	103.4	101.6	113.9	112.9	114.1	118.2	.....	113.1 108.5
10	102.5	102.0	e101.3	103.2	102.6	113.3	112.3	114.1	119.2	113.8	112.1 h107.64
15	104.7	101.6	102.9	102.3	103.1	.....	112.3	113.6	119.4	111.9	112.0 105.5
20	103.5	100.8	103.1	102.6	106.4	118.5	112.9	113.6	118.0	110.4	111.7 105.1
25	105.9	101.3	101.5	104.3	108.6	120.3	113.0	113.9	118.5	111.5	109.8 103.0
Eom	106.2	102.2	100.7	103.5	111.9	116.0	112.4	115.7	117.4	112.1	107.8 93.2
1965											
5	88.8	101.2	99.1	96.9	108.6	119.8	115.6	117.9	117.0	115.8	.....
10	88.4	100.6	99.4	101.5	113.1	117.6	114.6	117.7	117.7	115.6	.....
15	99.3	99.1	97.2	102.9	119.4	115.6	115.0	116.9	118.0	114.8	.....
20	103.0	99.2	97.4	102.5	122.5	116.0	117.9	117.6	119.1	114.4	112.8 106.8
25	102.0	98.7	97.8	105.4	117.7	119.7	120.6	117.4	120.4	114.4	111.3 107.9
Eom	102.0	100.4	96.6	105.4	116.3	118.0	117.5	117.7	118.5	.....	110.2 106.7
1966											
5	.....	.....	.....	.....	107.6	109.7	115.4	118.8	117.2	111.5	99.1 89.3
10	.....	.....	.....	.....	108.8	113.0	122.2	115.9	118.0	111.5	..... 88.1
15	.....	.....	.....	105.3	109.0	114.0	124.8	117.3	117.8	110.6	..... 87.4
20	.....	.....	.....	106.1	108.9	111.9	121.4	116.8	116.0	107.6	..... 86.7
25	.....	.....	.....	107.2	107.4	115.4	119.1	117.6	115.1	106.0	..... 85.9
Eom	.....	.....	.....	107.5	108.3	118.3	117.7	117.2	114.6	102.6	90.8 e84.5
1967											
5	.....	81.6	82.4	85.7	81.5	84.1	89.3	76.3	68.7	80.7	82.0 77.5
10	.....	81.4	81.8	86.1	79.3	86.2	88.0	82.9	68.5	83.6	83.5 76.7
15	.....	82.1	82.5	85.6	84.2	89.4	76.3	77.7	65.6	84.7	82.5 76.0
20	.....	80.5	82.4	89.6	87.1	92.2	80.1	79.5	68.5	84.5	82.5 74.3
25	.....	81.4	84.1	87.9	84.0	92.4	87.6	74.7	69.3	85.3	81.3 71.3
Eom	82.5	82.1	84.6	83.0	89.0	91.8	76.6	69.7	68.3	77.2	80.1 70.2
1968											
5	68.9	67.3	54.1	81.8	73.7	85.7	92.6	96.1	99.4	98.5	92.0 84.4
10	66.8	57.4	54.8	78.8	75.6	91.5	91.9	94.9	102.3	96.1	90.5 83.5
15	67.9	55.0	54.0	78.1	76.1	92.6	92.1	95.0	103.6	95.6	89.9 83.8
20	68.9	53.0	53.6	77.6	76.1	91.7	92.7	94.8	99.5	94.1	89.0 85.9
25	67.4	54.1	58.2	77.4	79.7	91.7	93.2	96.8	98.1	93.5	88.4 86.6
Eom	67.5	54.3	75.1	75.1	80.4	94.6	95.8	96.9	97.1	92.5	85.6 85.8

e Estimated.
h Tape measurement.

322047N0862143.1 (revised). Local number Mtg-3. County of Montgomery. Formerly U.S. Geol. Survey. At Lomax School. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 to 4 in, depth 271 ft, cased to 210, screened 210-215, 220-225, 265-270. Lsd 167.2 ft above msl, MP top of 6-in casing, 1.00 ft above lsd. Highest water level 11.9 below lsd, Mar. 17, 1968; lowest 31.3 below lsd, Oct. 1, 1955. Records available: 1952-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	25.1	22.7	e20.8	20.7	16.7	22.8	.....	23.1	e25.0	.....	22.5 22.0
10	24.5	22.7	e20.5	18.7	17.3	e22.1	21.9	23.2	e25.0	22.7	22.6 21.9
15	24.7	22.5	21.1	17.5	18.0	.....	22.1	23.2	e25.0	22.2	22.8 21.7
20	24.2	21.8	20.0	17.4	19.6	24.2	22.3	23.2	e25.0	21.8	22.8 21.6
25	24.1	e21.4	19.8	18.2	20.3	24.9	22.5	23.6	25.0	22.1	22.4 e20.7
Eom	23.7	e21.3	20.1	17.1	21.8	23.4	22.7	24.2	24.8	22.3	22.0 e20.3
1965											
5	e19.6	17.8	15.3	15.0	19.8	23.8	23.1	.....	24.9	24.4	24.7 24.5
10	18.8	16.6	15.4	16.0	21.5	23.1	22.8	.....	24.6	24.3	24.8 24.3
15	18.8	15.9	14.7	16.7	23.2	22.8	23.2	.....	24.7	24.8	24.6 24.2
20	19.4	15.1	14.6	17.2	24.0	22.8	24.1	.....	25.5	24.8	24.6 24.1
25	17.9	15.5	14.5	17.9	22.8	24.6	25.7	.....	25.9	24.6	24.6 24.1
Eom	17.3	15.9	14.6	18.4	22.7	23.6	.....	24.9	25.6	24.6	24.5 23.8
1966											
5	.....	23.4	18.5	19.9	22.0	23.4	25.5	26.4	26.5	25.5	23.4 20.8
10	.....	23.0	18.2	20.1	22.3	24.3	27.3	25.9	26.8	25.6	23.1 20.5
15	.....	21.9	18.4	20.7	22.6	25.0	28.0	26.2	26.7	25.4	22.4 20.2
20	22.9	.....	18.4	21.2	22.4	24.5	27.0	26.3	26.2	24.9	21.6 19.9
25	22.4	.....	18.8	21.5	.....	25.8	26.5	26.6	26.0	24.5	21.0 19.9
Eom	22.7	.....	19.2	21.8	22.8	26.5	26.5	26.7	26.0	24.0	20.9 18.6
1967											
5	17.7	16.8	15.4	16.7	17.4	16.9	17.9	17.2	16.8	17.3	17.4 17.2
10	17.2	15.6	15.2	17.1	16.6	16.6	16.3	17.7	16.5	17.9	17.5 16.6
15	16.7	15.4	15.4	17.3	17.3	17.6	15.4	17.9	16.0	18.1	17.4 15.0
20	16.7	15.5	15.6	17.8	17.9	18.5	15.6	18.3	16.3	18.2	17.7 13.5
25	.....	15.3	16.0	18.2	17.6	18.5	16.3	17.8	16.8	18.3	17.7
Eom	16.8	15.2	16.4	17.7	18.5	18.4	16.9	17.3	17.0	18.0	17.5
1968											
5	.....	12.4	13.3	15.4	14.5	17.5	20.0	19.9	21.1	21.3	20.7 19.8
10	.....	12.6	13.3	14.2	15.1	18.5	19.2	19.7	21.7	21.1	20.5 19.6
15	.....	12.8	12.4	14.0	15.3	19.4	19.2	19.9	22.0	20.9	20.6 19.6
20	.....	12.7	12.2	14.2	15.5	19.4	19.3	20.0	21.4	20.9	20.5 20.0
25	.....	13.2	12.6	14.4	16.1	19.0	19.4	20.3	21.0	20.9	20.6 19.7
Eom	12.2	13.4	14.2	14.5	16.4	19.8	20.1	20.5	21.0	20.8	20.2 19.2

e Estimated.

322040N0862325.1 (revised). Local number Mtg-4. City of Montgomery. In west well field. Drilled unused artesian well in sand of Tuscaloosa Group of Late Cretaceous age, diam 6 in, depth 446 ft, cased to 408, screened 408-413, 424-429, 441-446. Lsd 152.8 ft above msl. MP top of 6-in casing, 1.00 ft above lsd. Highest water level 41.9 below lsd, Feb. 5, 1968; lowest 135.1 below lsd, Oct. 2-3, 1955. Records available: 1953-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	94.5	....	92.2	95.8	....	110.5	107.8	....	114.2	....	....	e100.3
10	93.3	....	e93.0	94.5	....	....	108.5	110.0	115.7	108.6	107.5	e100.3
15	....	93.2	94.3	95.5	96.7	....	108.7	109.6	114.6	106.1	106.0	97.0
20	97.8	92.7	94.5	96.3	100.3	115.5	109.6	....	113.3	105.0	106.2	96.1
25	98.7	92.6	93.7	98.0	104.0	115.9	108.5	109.8	....	106.2	103.9	93.3
Eom	....	92.8	93.3	96.7	106.4	112.7	....	....	....	....	e101.2	91.8

1965

5	92.7	....	92.0	90.2	104.3	115.7	111.9	114.5	113.0	111.9	110.5	104.4
10	93.1	91.6	91.8	94.5	108.7	....	110.0	114.1	114.4	111.0	109.9	101.3
15	94.2	90.2	91.0	96.1	112.8	111.2	111.0	113.3	114.8	110.0	107.6	....
20	96.6	90.6	90.0	95.2	116.0	112.2	114.2	114.0	....	109.4	107.6	99.2
25	92.6	91.4	90.2	99.3	e113.9	115.0	115.5	114.1	116.3	109.2	106.6	100.2
Eom	93.2	92.8	h89.44	98.7	....	114.2	113.9	114.5	114.1	109.9	104.4	98.6

1966

5	97.8	100.1	93.4	95.4	100.7	103.0	111.5	113.1	110.6	103.1	91.0	....
10	97.3	100.7	94.4	95.7	102.6	107.6	115.8	110.4	112.9	102.6	83.3	....
15	96.7	98.7	93.0	97.4	102.5	108.1	119.1	112.5	112.2	101.0	86.8	....
20	97.0	97.0	93.2	98.2	102.0	107.2	116.9	109.9	....	98.1	85.3	....
25	95.0	....	93.8	103.7	100.8	110.7	114.6	112.2	....	95.4	82.9	....
Eom	100.1	95.8	93.3	100.4	101.2	113.0	112.5	111.1	106.9	93.8	81.0	....

1967

5	....	70.0	72.0	75.7	71.5	74.9	79.6	82.4	68.3	70.1	73.2	64.9
10	....	69.9	71.2	76.6	68.2	76.7	78.2	83.4	65.6	72.3	74.1	63.0
15	....	70.9	72.1	77.4	77.2	80.1	78.5	84.2	64.1	73.6	73.0	62.9
20	....	69.6	71.8	81.3	77.4	84.0	78.6	84.2	67.6	74.4	72.0	57.4
25	....	70.6	75.3	77.6	....	83.1	78.7	....	69.2	75.2	70.5	....
Eom	71.0	72.4	74.0	74.2	80.3	82.7	79.9	....	68.5	72.9	68.9	49.8

1968

5	47.0	43.0	52.9	66.8	49.8	74.0	85.5	....	93.4	91.6	....	71.7
10	....	48.9	53.7	65.8	55.1	80.9	84.9	....	97.0	89.3	....	71.6
15	....	50.6	52.6	63.9	58.2	84.0	....	....	98.3	88.6	....	73.8
20	....	50.4	53.0	62.3	58.8	....	....	88.1	94.4	87.0	....	76.8
25	....	51.9	52.6	61.5	61.7	83.2	86.8	90.3	92.2	85.5	76.2	76.0
Eom	44.2	52.6	62.7	53.5	65.5	....	....	90.5	90.9	84.6	71.2	74.0

e Estimated.

h Tape measurement.

322455N0861405.1. Local number Mtg-5. U.S. Air Force. At Gunter Air Force Base. Drilled unused artesian well in sand of Gordo Formation 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 8-in casing, 1.80 ft above lsd. Highest water level 105.24 below lsd, May 11-12, 1961; lowest 116.97 below lsd, Sept. 16, 24, 1963. Records available: 1958-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	115.94	115.28	114.22	113.05	110.72	110.37	111.33	112.29	112.87	....	112.70	112.59
10	115.77	115.24	114.09	112.55	110.52	110.44	111.56	112.33	112.95	112.42	112.70	112.48
15	115.75	115.06	113.94	112.14	110.33	110.65	111.75	112.31	112.96	112.43	112.79	112.50
20	115.56	114.84	113.72	111.87	110.24	111.00	112.00	112.46	113.10	112.55	112.74	112.47
25	115.54	114.66	113.61	111.43	110.21	111.14	112.04	112.59	113.23	112.60	112.53	112.14
Eom	115.47	114.52	113.37	110.96	110.25	111.34	112.29	112.71	113.33	112.65	112.64	112.25

1965

5	112.21	111.83	111.02	110.49	110.29	111.12	111.92	112.73	113.33	113.90	114.38	114.53
10	112.07	111.60	111.01	110.36	110.36	111.28	112.03	112.74	113.46	113.96	114.38	114.62
15	112.07	111.59	110.88	110.33	110.49	111.39	112.18	112.81	113.55	114.06	114.43	114.45
20	112.01	111.39	110.85	110.30	110.58	111.61	112.35	112.96	113.79	114.11	114.43	114.38
25	111.77	111.35	110.65	110.24	110.74	111.73	112.47	113.12	113.89	114.26	114.44	114.44
Eom	111.80	111.27	110.58	110.32	110.92	111.88	112.50	113.21	113.94	114.32	114.54	114.45

1966

5	114.35	114.24	113.99	113.15	113.45	113.51	113.91	114.56	114.90	113.82	112.27	110.51
10	114.34	114.11	114.01	113.18	113.48	113.48	114.08	114.70	114.90	113.50	111.80	109.98
15	114.12	113.95	113.63	113.22	113.42	113.59	114.18	114.82	114.62	113.35	111.56	109.76
20	114.21	113.91	113.55	113.26	113.44	113.63	114.20	114.87	e114.43	113.10	111.28	109.40
25	114.18	114.48	113.38	113.32	113.41	113.76	114.41	114.94	114.29	112.71	111.01	109.18
Eom	114.26	114.32	113.15	113.36	113.44	113.83	114.54	114.96	114.01	112.46	110.66	108.83

1967

5	108.45	106.39	104.74	103.54	102.49	....	100.69	99.84	99.05	98.10	97.13	96.25
10	108.16	106.00	104.55	103.36	102.34	....	100.42	99.70	98.78	97.87	97.00	95.99
15	107.74	105.80	104.30	103.25	102.23	....	100.32	99.66	98.53	97.81	96.79	95.89
20	107.55	105.53	104.21	103.07	102.16	....	100.28	99.52	98.42	97.70	96.76	95.58
25	107.18	105.33	103.96	102.95	101.92	....	100.12	99.37	98.31	97.53	96.44	95.44
Eom	106.67	105.01	103.72	102.74	....	100.81	99.94	99.20	98.22	97.30	96.36	95.17

322455N0861405.1--Continued.

Day	1968											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	94.95	93.48	92.57	91.80	91.04	90.61	90.83	91.62	91.96	92.21	92.32	91.94
10	94.68	93.25	93.38	91.65	91.02	90.60	90.96	91.66	91.97	92.18	92.30	92.04
15	94.39	93.13	92.37	91.56	90.85	90.66	91.08	91.68	92.06	92.26	92.35	92.00
20	94.31	92.91	92.19	91.38	90.83	90.53	91.20	91.82	92.04	92.27	92.22	91.32
25	93.92	92.82	92.07	91.26	90.77	90.66	91.36	91.85	92.06	92.27	92.11	91.87
Eom	93.73	92.67	91.89	91.12	90.67	90.86	91.48	91.91	92.19	92.38	92.11	91.78

Morgan County

343312N0865828.1. Local number Mor-1. Jack Pitts. At Starlite Motel on U.S. Highway 31. Drilled unused artesian well in Tuscumbia Limestone of Late Mississippian age, diam 6 in, depth 196 ft, cased to unknown depth, open hole. Lsd 588 ft above msl. MP top of 6-in casing, 1.40 ft above lsd. Highest water level 4.97 below lsd, Apr. 5, 1965; lowest 31.0 below lsd, Oct. 20, 1958. Records available: 1953-60, 1962-65. Measurement discontinued; well destroyed April 1965.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1964	5.67	May 22, 1964	11.84	Sept. 22, 1964	18.41	Jan. 22, 1965	9.61
Feb. 21	8.63	June 22	20.25	Oct. 21	13.10	Feb. 23	7.34
Mar. 23	9.11	July 21	19.04	Nov. 23	17.27	Mar. 22	8.45
Apr. 21	8.95	Aug. 21	21.66	Dec. 21	6.33	Apr. 5	4.90

343615N0870322.1 (revised). Local number Mor-2. Louhoward Bouldin. Formerly U.S. Geol. Survey. Drilled unused artesian well in Tuscumbia Limestone of Late Mississippian age, diam 6 in, depth 347 ft, cased to 40, open hole. Lsd 606 ft above msl. MP top of 6-in casing, 0.90 ft above lsd. Highest water level 8.65 below lsd, Jan. 28, 1962; lowest 40.50 below lsd, Nov. 23, 1963. Records available: 1961-68.

Jan. 22, 1964	21.01	Jan. 25, 1965	21.47	Apr. 27, 1966	34.97	July 24, 1967	23.69
Feb. 21	17.19	Feb. 24	16.88	May 17	17.43	Sept. 7	19.05
Mar. 23	13.58	Mar. 23	21.04	Aug. 4	38.09	Oct. 11	32.26
Apr. 21	13.11	Apr. 23	16.45	Sept. 13	38.95	Nov. 9	30.38
May 22	17.42	July 30	33.47	Nov. 9	29.43	Dec. 6	17.37
June 23	32.09	Aug. 31	37.95	30	37.42	Jan. 16, 1968	9.64
July 22	38.53	Sept. 24	39.03	Jan. 11, 1967	28.38	Mar. 5	26.22
Aug. 21	39.20	Oct. 25	39.33	Feb. 9	29.02	Apr. 10	15.42
Sept. 22	39.99	Dec. 2	41.60	Mar. 9	16.83	May 15	21.68
Oct. 23	33.80	Jan. 20, 1966	39.33	Apr. 5	26.96	June 21	29.53
Nov. 24	38.60	Mar. 8	23.70	May 18	17.68	Oct. 2	40.02
Dec. 22	20.39	Apr. 14	33.86	June 13	23.40		

343604N0865742.1 (revised). Local number Mor-3. City of Decatur. Formerly U.S. Geol. Survey. At filter plant. Drilled unused 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 6-in 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: 1961-68. Affected by stage of Wheeler reservoir, well is 29 mi upstream from dam.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	12.60	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	10.10	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	12.80	11.10	11.18	11.41	12.47	13.66	14.21	14.32	14.43	15.05
Eom	.....	.....	.....	.....	.....	.....	.....	.....	13.90	.....	14.56	.....
1965												
5	.....	.....	.....	.....	11.01	11.30	11.82	12.60	13.48	14.01	14.80	16.20
10	.....	.....	.....	.....	11.11	11.03	11.48	12.93	14.18	14.41	15.14	16.08
15	.....	.....	.....	.....	11.08	.....	11.72	13.30	13.80	14.52	15.48	16.02
20	.....	.....	.....	.....	11.18	.....	12.41	13.98	13.71	14.61	15.61	16.13
25	15.62	15.59	13.37	11.21	11.24	11.29	12.49	13.25	13.80	14.88	15.80	16.26
Eom	.....	15.62	.....	10.80	11.23	11.96	12.21	13.58	13.97	15.18	15.75	16.10
1966												
5	15.9	15.8	14.6	14.7	10.7	11.4	e11.3	11.6	13.0	14.1	.....	15.3
10	16.0	15.6	14.6	12.5	11.6	11.4	e11.7	12.4	13.3	14.4	e14.8	14.9
15	15.8	14.6	15.3	12.0	11.0	11.5	e11.7	12.5	13.4	14.5	14.7	14.7
20	15.6	14.1	15.5	11.4	11.1	12.2	e11.8	12.5	13.2	14.2	14.9	15.5
25	15.6	15.4	15.7	11.4	11.5	11.6	e12.2	12.7	13.9	14.0	15.0	15.7
Eom	15.7	15.6	15.3	11.3	11.3	11.7	e12.4	13.3	13.9	15.0	15.3	15.2
1967												
5	15.6	15.6	15.3	14.9	11.5	11.4	11.8	12.3	.....	14.6	14.2	13.8
10	15.7	15.6	13.6	14.1	11.1	11.5	10.6	12.0	13.6	14.5	14.6	15.0
15	15.3	15.8	15.5	13.3	10.9	11.2	10.8	12.9	13.9	15.0	15.3	14.5
20	15.4	15.6	15.6	12.7	11.1	11.7	11.7	12.3	14.3	14.6	15.2	12.7
25	15.8	13.8	15.7	11.9	11.3	11.8	12.2	12.7	14.4	14.8	14.3	12.2
Eom	15.3	14.7	15.3	11.2	11.5	11.1	11.6	12.2	14.5	14.8	15.5	14.1

343604N0865742.1--Continued.

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.0	15.6	15.8	13.1	11.2	11.4	11.3	12.0	13.8	14.1	14.8	....
10	11.9	15.4	15.8	12.1	11.4	11.4	11.5	12.2	13.6	14.2	15.0	....
15	12.1	15.8	14.1	11.5	11.2	11.4	12.1	12.0	13.7	14.3	14.9	....
20	14.8	15.9	14.6	11.4	10.9	11.4	11.5	13.2	13.7	14.6	15.0	....
25	15.2	16.0	13.4	11.3	11.2	11.8	11.7	13.5	13.9	14.9	....	....
Eom	15.3	15.9	13.5	11.2	11.2	12.0	11.6	13.4	14.1	14.7	....	....

e Estimated.

343425N0865500.1. Local number Mor-4. U.S. Fish and Wildlife Service. Formerly U.S. Geol. Survey. In Wheeler Wildlife Refuge. Drilled unused artesian well in limestone of Fort Payne Chert and Tuscumbia Limestone of Mississippian age, diam 8 to 6 in, depth 301 ft, cased to 148, open hole. Lsd 624 ft above msl. MP top of 8-in casing, 0.60 ft above lsd. Highest water level 60.60 below lsd, Jan. 20, 1962; lowest 72.88 below lsd, Sept. 24-25, 1961. Records available: 1961-68. Affected by stage of Wheeler reservoir, well is 32 mi upstream from dam.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	69.32	67.17	....	65.17	63.22	66.23	67.42	68.55	70.00	68.05	70.21	68.01
10	66.38	67.78	....	62.73	64.00	66.68	67.43	....	70.18	69.60	70.85	68.71
15	....	67.79	....	....	64.46	67.40	67.07	....	70.25	69.85	70.96	66.75
20	....	66.34	....	....	64.87	67.82	68.12	....	70.15	68.59	71.17	66.98
25	....	66.90	65.43	64.04	65.36	67.50	68.15	69.85	70.35	69.45	69.50	66.90
Eom	....	67.21	....	62.78	65.80	68.10	68.40	69.91	68.55	69.97	67.09	67.50

1965

5	67.55	....	....	....	65.04	....	67.28	68.92	69.19	e70.70	71.42	72.35
10	67.35	....	....	....	65.45	....	67.16	69.21	70.12	e70.80	71.60	72.41
15	66.30	....	....	....	65.95	....	67.58	69.60	69.80	e71.00	71.97	72.43
20	....	....	66.10	....	66.52	....	68.29	69.38	70.01	e71.10	72.02	72.48
25	67.65	....	64.80	64.46	....	67.06	68.52	69.08	70.07	71.35	72.04	72.53
Eom	68.33	....	....	64.39	....	67.65	68.49	68.56	e70.40	71.50	72.12	....

1966

5	72.4	....	67.0	69.4	63.8	65.0	....	67.2	....	....	....	71.5
10	72.2	70.8	67.2	67.9	65.1	65.1	66.1	....	....	....	71.0	71.5
15	72.2	66.7	68.1	....	63.8	65.6	66.1	....	70.1	....	70.8	67.4
20	72.0	65.9	68.7	....	63.4	....	67.0	....	69.1	....	70.9	....
25	71.9	67.2	69.3	....	64.3	....	67.7	68.9	....	....	71.2	....
Eom	....	67.6	69.7	66.8	64.5	....	67.8	....	....	....	71.4	....

1967

5	....	....	67.0	68.9	65.6	65.2	67.2	65.1	....	69.7	67.0	64.9
10	....	70.4	65.3	68.9	....	65.7	64.8	64.2	67.2	69.8	67.8	66.1
15	70.3	70.7	67.1	68.6	....	66.0	65.6	65.2	67.9	70.1	68.5	65.5
20	70.1	70.7	67.5	68.3	64.2	66.8	65.7	65.2	68.8	70.0	69.0	62.6
25	70.3	66.3	68.1	67.3	64.2	67.1	66.1	65.4	69.3	70.1	66.7	62.3
Eom	....	66.9	68.7	65.8	64.9	66.7	64.5	....	69.4	69.8	67.4	64.7

1968

5	64.1	66.4	69.1	64.2	64.7	64.3	66.8	68.1	....	....	71.2	....
10	....	66.6	69.5	63.6	65.2	64.8	67.3	68.3	....	....	71.3	....
15	....	67.2	65.7	63.4	63.4	65.4	67.9	68.3	....	....	71.4	....
20	65.3	....	66.4	63.8	63.0	....	67.2	69.4	70.1	....	70.9	....
25	65.8	....	64.0	64.0	63.7	66.6	67.6	69.7	70.4	71.4	....	....
Eom	66.2	....	64.8	64.2	63.8	67.3	67.5	69.4	70.6	71.2	....	....

e Estimated.

Pickens County

332136N0880107.1 (revised). Local number Pic-5. Southern Natural Gas. In compound at Reform. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age, diam 18 to 10 in, depth 235 ft, cased to 185, screened 185-235. Lsd 250 ft above msl. MP top of 18-in casing, 1.00 ft above lsd. Highest water level 21.95 below lsd, July 18, 1963; lowest 40.1 below lsd, Apr. 25, 1965. Records available: 1963-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.60	22.80	22.72	33.29	22.52	....	35.38	23.55	23.80	24.65	24.05	23.8
10	22.83	23.75	22.90	22.66	34.14	....	23.49	24.40	23.84	24.13	24.04	23.8
15	23.15	22.88	32.07	22.49	22.54	....	23.50	23.69	24.17	23.85	33.07	23.9
20	23.10	22.94	22.60	22.88	22.74	....	23.62	23.55	24.04	24.21	....	29.7
25	22.62	23.22	22.60	22.56	23.70	23.50	23.45	23.86	24.11	32.42	23.9	....
Eom	22.92	22.92	22.66	22.43	33.31	23.73	23.69	24.44	24.26	23.91	24.4	....

1965

5	....	23.6	23.0	23.0	....	23.8	....	....	33.8	25.2	25.2	24.7
10	....	23.2	23.1	22.7	....	23.8	....	24.5	24.6	24.8	25.0	25.2
15	....	24.0	24.1	22.9	23.5	23.9	....	33.2	24.6	24.9	25.1	25.2
20	23.7	23.2	23.2	22.9	23.6	25.9	24.1	24.4	25.2	25.0	25.0	25.8
25	24.1	23.2	23.0	40.1	23.8	23.8	24.1	24.5	24.7	25.1	25.0	25.1
Eom	23.5	23.2	22.9	....	24.3	24.0	24.1	24.7	24.8	33.5	25.4	25.2

332136N0880107.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.2	24.8	....	....	....	26.3	....	....	26.1	....	....	....
10	26.0	25.1	....	24.7	....	24.8	....	25.7	25.7	....	25.7	....
15	24.8	....	....	24.5	....	24.8	....	26.1	26.4	....	....	....
20	25.0	25.1	....	24.3	....	25.2	25.3	25.5	25.6	....	....	....
25	25.1	....	....	30.8	....	25.3	26.2	25.6	25.6	....	....	....
Eom	24.8	25.1	....	30.7	....	....	e18.8	25.7	25.5	....	....	....
1967												
5	....	....	....	....	....	26.8	....	....	25.8	26.2	26.2	25.9
10	....	....	25.3	....	....	....	....	....	25.8	26.4	26.1	34.5
15	25.3	....	25.4	....	25.9	....	....	....	25.9	31.6	26.2	25.7
20	25.4	....	....	....	25.6	....	....	....	26.1	26.2	26.2	25.5
25	25.4	....	....	....	25.5	....	....	....	26.9	26.3	26.0	26.7
Eom	....	....	....	....	25.6	....	....	25.7	26.0	26.5	26.1	36.0
1968												
5	25.6	33.7	25.8	25.3	....	25.4	26.1	25.9	26.2	26.5	26.9	26.5
10	25.4	25.5	36.0	....	25.4	25.4	....	25.9	26.4	26.5	34.4	26.5
15	26.2	25.7	25.5	....	25.3	25.7	....	25.9	38.2	26.8	26.5	26.4
20	25.5	25.9	25.6	....	25.8	25.8	....	26.5	26.3	36.0	26.5	26.4
25	25.6	25.5	26.3	....	25.3	26.0	....	38.1	26.5	26.6	27.4	26.3
Eom	25.9	25.5	34.2	....	25.2	35.7	25.8	26.1	27.7	26.7	26.5	26.2

e Estimated.

Russell County

321620N0845705.1. Local number Rus-1. U. S. Army. At Fort Benning, east edge of drop zone. Drilled unused artesian well in Tuscaloosa Group of Late Cretaceous age, diam 10 in; depth, casing depth, and finish unknown. Lsd 280 ft above msl. MP top of 10-in casing, 1.00 ft above lsd. Highest water level 58.3 below lsd, Apr. 12, 1962; lowest 63.4 below lsd, Dec. 15, 1963, Jan. 14, 1964. Records available: 1961-68. Recording gage removed Jan. 19, 1966.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	63.2	62.9	62.8	62.3	61.7	61.0	60.8	e60.8	60.9	e60.9	60.7	61.0
10	62.6	63.0	e62.7	62.2	61.5	61.0	60.8	60.8	60.8	60.9	60.8	60.9
15	63.3	63.0	62.7	61.3	61.4	e60.9	60.9	60.8	61.0	60.6	60.9	61.0
20	63.0	62.9	62.4	62.0	61.3	60.9	60.8	60.8	61.0	60.8	60.9	61.0
25	63.1	62.8	62.3	61.8	61.2	60.9	60.7	60.8	61.1	60.7	60.7	60.3
Eom	63.0	62.8	62.4	61.8	61.1	60.9	60.8	60.8	61.0	60.8	60.9	61.2
1965												
5	61.1	61.1	....	....	....	59.7	59.8	60.2	60.3	60.1	60.1	60.5
10	60.9	....	....	....	....	59.6	59.7	60.2	60.2	60.1	60.1	60.6
15	60.9	....	....	....	....	59.6	59.7	60.2	60.3	60.1	60.0	60.8
20	61.0	....	....	....	....	59.6	....	60.2	60.2	60.1	60.1	60.8
25	61.0	....	....	....	....	59.6	59.7	60.3	60.5	60.3	60.1	60.3
Eom	61.1	....	....	....	....	59.6	59.7	60.3	60.4	60.2	60.2	60.5
e Estimated.												

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1966	61.2	Nov. 7, 1966	61.5	July 14, 1967	60.5	Apr. 29, 1968	61.6
June 3	60.8	Jan. 30, 1967	60.5	Oct. 9	61.4	July 22	62.0
Aug. 15	61.6	Apr. 24	60.8	Feb. 8, 1968	60.2	Oct. 22	61.8

St. Clair County

333525N0861637.1. Local number Stc-1. Avondale Mills. In Pell City. Drilled unused artesian well in Maury Formation, Fort Payne Chert, and Floyd Shale of Early and Late Mississippian age, diam 10 in, depth 209 ft, cased to unknown depth, open hole. Lsd 548 ft above msl. MP top of 10-in casing, 1.50 ft above lsd. Highest water level 1.05 above lsd, Jan. 10-11, 1968; lowest 9.2 below lsd, Nov. 20, 1965. Records available: 1962-68.

Lowest water level for the day, above and below lsd, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	...	-1.5	+0.1	-1.9	...	-5.3	-4.4	-4.9	-7.5	-7.9	-8.1	-3.4
10	+0.10	1.5	-.1	.5	-2.0	5.2	5.3	5.7	7.8	8.0	8.3	4.7
15	-1.3	1.0	+6	0	2.7	5.7	2.6	6.1	8.0	8.3	8.6	1.4
20	-2.1	.4	-.6	-1.4	3.4	6.2	3.7	6.3	8.3	6.9	8.6	1.5
25	+ .35	1.3	1.5	2.0	3.8	5.7	2.4	6.7	8.5	7.5	6.5	1.9
Eom	-1.1	-1.2	1.3	1.5	4.6	6.2	3.9	7.2	8.4	8.0	6.7	2.8
1965												
5	-3.2	-3.0	-0.2	-1.3	-4.1	-6.9	-4.1	-4.8	-7.0	-7.5	-8.9	-7.8
10	3.6	1.4	1.4	2.0	4.8	5.7	3.8	5.8	7.5	7.2	9.0	8.2
15	2.8	.6	.8	2.4	5.5	4.4	4.3	6.2	7.7	7.8	9.0	6.6
20	3.4	.8	-1.5	e2.7	5.9	5.4	5.4	6.7	8.0	8.2	9.2	5.1
25	e1.6	1.6	+1	e3.1	6.2	5.3	6.0	6.9	8.2	8.4	6.9	5.4
Eom	2.7	2.0	-.8	3.4	6.5	6.2	3.6	7.2	8.3	8.7	7.4	5.6

333525N0861637.1--Continued.

1966											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	-1.6	...	...	-1.3	...	...	...	...	...	...	-4.9 -4.9
10	1.7	...	-1.0	2.2	...	...	...	...	...	...	5.2 2.2
15	1.6	...	.6	2.9	...	...	...	...	...	...	1.9 2.1
20	1.1	...	1.2	3.5	...	...	...	...	...	...	3.0 2.9
25	1.2	...	1.4	3.8	...	...	...	...	...	...	3.6 3.6
Eom	...	...	2.3	...	...	...	...	...	...	...	4.4 2.7
1967											
5	-1.6	-2.0	-1.7	-3.7	-5.4	-3.7	-3.3	-2.6	-1.0	-3.6	-0.7 -0.1
10	.5	1.0	1.4	4.3	3.7	4.6	3.8	3.6	.4	.9	2.0 -1.2
15	1.2	.8	1.4	4.8	4.7	5.4	1.1	3.9	1.9	2.4	3.1 +.9
20	1.9	.4	2.3	5.4	5.6	6.1	2.9	4.7	3.1	3.0	3.7 .7
25	2.6	.8	2.8	5.6	1.1	2.8	3.8	0	4.0	3.6	.2 +.3
Eom	1.3	1.3	3.3	6.0	3.2	2.0	2.3	-1.2	2.5	3.8	.1 -3
1968											
5	+0.5	-1.9	-3.0	-0.6	-1.7	-3.9	-6.0	-6.4	-7.6	-8.8	-8.7 -3.9
10	1.0	2.5	1.5	.6	2.6	4.5	5.9	6.8	7.9	8.7	8.4 5.3
15	+2	3.0	.7	1.0	2.5	5.0	6.0	5.9	8.1	8.7	8.1 6.2
20	-1.0	3.4	1.8	1.3	.6	4.4	6.1	6.6	8.1	8.9	7.0 6.7
25	.3	3.7	1.3	1.9	2.0	5.2	6.5	7.0	8.4	9.0	7.5 ...
Eom	1.6	2.7	2.3	.6	3.2	5.6	6.1	7.3	8.4	9.2	7.4 ...

e Estimated.

Talladega County

331021N0861505.1 (revised). Local number Tal-2. City of Sylacauga. Drilled unused 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: 1954-68. Recording gage removed January to December 1966. Jan. 22, 1966, 32.89; Apr. 27, 22.81; Nov. 1, 34.20; Nov. 22, 28.70; Dec. 15, 26.21.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	28.6	20.3	17.1	17.8	17.8	31.5	34.1	30.1	31.6	...	29.4 25.5
10	23.2	21.4	17.7	15.3	18.8	33.6	30.7	31.6	33.4	...	30.9 26.2
15	24.3	20.7	15.7	14.0	20.5	29.9	26.8	32.2	33.1	...	31.9 24.7
20	29.0	19.2	13.5	16.0	...	32.7	28.2	33.6	34.0	...	32.2 e24.9
25	21.4	19.8	15.0	17.5	...	30.7	26.4	29.9	35.6	...	31.4 25.8
Eom	20.1	20.0	16.5	16.5	...	30.0	29.2	29.7	...	27.5	29.3 22.5
1965											
5	22.8	21.7	22.6	19.7	24.8	33.3	32.1	32.0	34.3	37.8	41.7 42.6
10	22.7	20.3	24.4	e19.6	26.0	30.8	26.2	33.2	36.1	37.3	42.2 43.3
15	22.1	20.0	20.6	20.4	27.1	29.4	27.4	34.0	36.7	38.2	42.0 41.6
20	23.0	21.3	20.4	21.2	28.9	31.1	29.8	35.1	37.5	39.4	42.4 40.8
25	19.7	23.2	20.3	e22.4	29.3	32.2	30.1	35.4	38.2	40.2	41.7 45.2
Eom	20.8	24.3	18.9	23.4	33.2	33.3	30.4	...	38.8	41.0	42.5 ...
1967											
5	...	25.6	21.9	...	29.4	25.0	35.2	31.0	21.0	28.9	27.0 22.6
10	...	22.0	22.4	...	25.2	26.8	28.0	32.1	22.4	31.3	29.1 23.2
15	...	21.5	23.6	...	27.3	28.2	28.2	27.0	24.3	30.7	31.0 21.2
20	...	20.6	24.6	...	31.9	35.5	30.1	29.2	25.8	31.2	32.2 19.5
25	...	20.9	25.5	27.7	22.0	35.1	32.0	30.6	26.8	32.3	27.0 17.7
Eom	25.8	21.5	...	29.0	26.3	32.5	29.6	19.7	26.5	33.0	23.7 18.6
1968											
5	18.4	19.3	24.1	25.5	21.0	22.6	27.5	26.5	32.3	36.1	38.8 32.1
10	18.6	20.3	24.4	17.8	22.5	24.0	26.3	28.3	32.9	36.6	39.0 33.5
15	15.9	21.7	25.7	19.2	20.4	25.1	28.0	29.6	33.7	37.2	38.4 34.5
20	17.8	22.7	26.5	20.7	16.9	30.7	28.9	31.6	33.5	37.7	34.7 35.2
25	17.0	23.6	25.5	20.7	19.0	25.7	27.0	31.6	34.6	38.3	35.7 27.5
Eom	18.4	24.3	25.2	20.5	21.3	27.2	27.6	31.3	35.4	38.8	36.1 26.5

e Estimated.

Tuscaloosa County

331239N0873236.1 (revised). Local number Tus-1. University of Alabama. At north end of Smith Hall. Drilled unused water-table well in sand and gravel of Coker Formation of Late Cretaceous age, diam 4 to 2 in, depth 61 ft, cased to 55, screened 55-61. 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: 1952-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	27.29	...	26.80	25.22	...	...	...	...	...	...	25.91 26.43
10	27.31	...	...	25.30	...	...	24.23	...	...	...	25.96 26.39
15	27.17	26.98	...	24.95	...	...	...	...	...	...	26.02 ...
20	27.12	26.97	26.61	25.26	...	...	...	...	...	...	26.11 ...
25	27.12	...	25.63	...	...	...	...	...	...	...	26.31 ...
Eom	...	26.81	25.39	...	...	...	...	...	...	25.86	26.38 26.23

331239N0873236, 1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.14	26.00	25.11	.....	24.32	24.69	.....	.....	.....	25.49	.....	26.25
10	26.19	25.93	24.98	24.58	24.34	24.74	24.89	25.00	.....	25.55	25.92	26.31
15	26.15	25.76	24.91	24.47	24.42	.....	24.88	25.02	.....	25.59	25.99	.....
20	26.14	25.55	24.86	24.41	24.49	.....	24.89	25.08	25.30	25.64	26.05	.....
25	26.12	25.40	24.75	24.32	24.53	.....	24.92	25.09	25.36	25.71	26.12	26.50
Eom	26.06	25.25	24.65	24.35	24.63	.....	.....	25.13	25.39	25.77	26.19	26.53
1966												
5	26.6	.....	.....	.....	.....	24.4	.....	25.0	25.3	.....	.....	26.4
10	26.5	.....	.....	.....	24.5	24.5	.....	25.0	25.4	.....	26.2	26.5
15	.....	.....	.....	.....	24.5	24.6	.....	25.1	25.5	.....	26.2	26.5
20	.....	.....	.....	.....	24.4	24.6	.....	25.1	25.5	.....	26.3	26.5
25	26.4	.....	.....	.....	24.4	.....	24.9	.....	.....	.....	26.3	26.5
Eom	26.4	.....	.....	.....	.....	.....	25.0	.....	.....	.....	26.4	26.6
1967												
5	.....	26.8	.....	.....	27.0	27.2	27.3	26.9	26.6	26.7	.....	27.2
10	.....	26.8	26.8	.....	.....	27.2	27.3	26.8	26.5	26.8	27.1	27.2
15	26.7	.....	26.8	.....	.....	27.2	.....	26.7	26.5	26.8	27.1	27.1
20	26.7	.....	26.8	27.0	.....	27.2	.....	26.7	26.5	26.9	27.1	27.0
25	26.8	.....	26.8	27.0	27.1	27.3	.....	26.6	.....	.....	27.2	26.8
Eom	26.8	.....	.....	27.0	27.2	27.3	.....	26.6	.....	.....	27.2	26.7
1968												
5	.....	.....	25.3	25.4	25.2	.....	25.6	25.9	26.2	.....	26.8	27.0
10	.....	.....	25.3	25.3	25.2	25.4	25.7	25.9	26.2	26.5	.....	27.0
15	26.2	.....	25.3	25.3	.....	25.5	25.7	26.0	26.2	26.6	26.8	.....
20	26.0	.....	25.4	25.2	.....	25.5	.....	26.0	26.3	26.6	26.9	.....
25	25.8	.....	25.4	25.2	.....	25.5	.....	26.1	26.3	26.7	27.0	.....
Eom	25.6	25.3	25.4	25.2	.....	25.6	25.9	26.1	.....	26.8	27.0	.....

331123N0873614, 1 (revised). Local number Tus-2. B. F. Goodrich Tire and Rubber Co. In Tuscaloosa. Drilled unused water-table well in sand and gravel of Quaternary age, diam 6 to 5 in, depth 72 ft, cased to 58, screened 58-71. Lsd 161 ft above msl. MP top of 6-in casing, 1.00 ft above lsd. Highest water level 13.97 below lsd, May 2, 1964; lowest 22.80 below lsd, Dec. 20, 1968. Records available: 1955-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	21.95	20.62	19.34	17.26	.....	16.95	18.35	.....	20.22	21.01	21.51	21.88
10	21.80	20.69	18.63	16.18	.....	17.17	18.55	19.50	20.32	21.06	21.62	21.67
15	.....	20.61	18.08	15.31	.....	17.45	18.79	19.65	20.51	21.13	21.72	21.49
20	21.28	20.40	16.94	14.99	.....	17.70	18.93	19.77	20.64	21.22	21.84	21.20
25	21.19	20.09	16.88	15.57	.....	17.95	19.04	19.90	20.76	21.28	e21.83	21.00
Eom	20.80	20.03	17.08	14.25	.....	18.14	19.30	20.07	20.87	21.42	.....	20.99
1965												
5	20.98	e20.25	.....	17.91	18.11	19.30	19.62	.....	20.13	20.79	21.43	21.95
10	20.99	.....	18.09	17.45	18.33	19.38	19.43	.....	20.22	20.90	21.53	22.04
15	20.87	.....	18.02	17.27	18.55	19.29	19.52	.....	20.34	21.00	21.62	22.11
20	20.84	.....	18.21	17.54	18.70	19.40	19.51	.....	20.46	21.08	21.71	22.16
25	20.66	.....	18.05	17.68	18.87	19.48	19.55	.....	20.58	21.24	21.78	22.22
Eom	20.44	.....	18.03	17.99	19.08	19.57	19.43	.....	20.67	21.35	21.91	22.26
1966												
5	22.2	.....	.....	.....	17.8	18.6	19.0	.....	20.3	21.0	21.5	21.9
10	22.0	.....	18.4	.....	17.9	18.7	19.1	.....	20.4	21.1	.....	22.0
15	21.8	.....	18.2	.....	17.9	18.8	19.2	.....	20.5	21.2	.....	21.8
20	21.7	.....	18.1	.....	18.1	18.9	19.4	.....	20.6	21.3	.....	21.8
25	21.5	.....	18.2	.....	18.1	19.0	19.4	.....	20.8	21.3	.....	21.9
Eom	21.4	.....	18.2	.....	18.4	19.0	19.6	20.2	20.8	21.4	21.9	22.0
1967												
5	22.0	21.7	21.2	.....	.....	.....	.....	22.0	21.5	21.8	22.3	22.2
10	22.0	21.6	21.1	.....	.....	.....	.....	22.0	21.4	22.0	22.2	22.0
15	21.9	21.5	21.2	.....	.....	.....	.....	21.7	21.4	22.0	22.3	21.7
20	21.8	21.5	21.1	21.5	.....	.....	22.1	.....	21.4	22.1	22.3	21.4
25	21.9	21.4	21.2	.....	.....	.....	22.0	.....	21.5	22.2	22.4	20.9
Eom	21.8	21.3	.....	.....	.....	.....	22.1	21.5	21.6	22.2	22.3	20.4
1968												
5	20.2	17.9	.....	18.6	18.5	18.8	19.7	20.5	21.0	21.6	22.1	22.6
10	19.6	17.9	.....	18.1	18.5	19.0	19.8	20.5	21.1	21.7	22.2	22.7
15	18.5	18.3	.....	18.1	18.5	19.1	20.0	20.6	21.2	21.7	22.3	22.7
20	18.3	18.3	.....	18.2	18.3	19.2	20.1	20.8	21.3	21.8	22.3	22.8
25	18.1	18.6	.....	18.3	18.3	19.4	20.2	20.9	21.4	21.9	22.5	22.7
Eom	17.8	.....	.....	18.4	18.6	19.6	20.4	20.9	21.5	22.0	22.5	22.5

e Estimated.

331045N0873425, 1. Local number Tus-4. City of Tuscaloosa. In city well field. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age, diam 6 in, depth 83 ft, cased to 77, screened 77-83. Lsd 160 ft above msl. MP top of 6-in casing, 1.00 ft above lsd. Highest water level 19.19 below lsd, Mar. 20, 1963; lowest 34.38 below lsd, Dec. 1, 1967. Records available: 1962-68. Affected by pumping of nearby wells.

331045N0873425.1--Continued.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	31.73	31.32	28.31	23.73	.....	24.63	27.86	.....	30.46	32.62	33.05	28.81
10	31.47	31.49	27.25	23.05	.....	25.13	28.34	29.12	30.73	32.74	32.38	28.12
15	31.12	31.59	26.31	22.35	.....	25.81	28.61	29.41	31.95	32.85	31.71	27.36
20	31.36	31.12	25.22	21.89	.....	26.46	28.96	29.57	32.15	32.87	31.11	26.82
25	31.34	30.14	24.57	21.65	.....	27.06	29.31	29.80	32.35	32.98	30.43	26.24
Eom	31.15	29.50	24.03	21.10	.....	27.54	29.75	30.17	32.51	33.14	29.67	25.84
1965												
5	25.54	23.44	21.24	21.10	.....	.....	27.66	29.18	30.88	32.17	28.89	26.49
10	25.05	23.21	21.36	20.76	20.96	26.06	27.90	29.48	31.10	31.98	28.42	h26.19
15	24.76	22.33	21.30	.....	22.29	26.19	28.27	29.77	31.33	31.28	27.95	25.90
20	24.50	21.74	21.43	.....	23.22	26.62	28.45	30.07	31.57	30.62	27.54	25.60
25	24.08	21.61	21.26	.....	.....	27.08	28.64	30.35	31.78	30.07	27.11	25.39
Eom	23.62	21.40	21.20	.....	.....	27.55	28.85	30.60	31.97	29.39	26.83	25.17
1966												
5	24.9	23.4	21.0	21.0	20.4	21.5	25.1	26.9	30.2	30.0	e27.0	25.1
10	24.5	23.3	21.0	.....	20.4	22.4	25.6	e27.3	e30.4	29.4	26.5	24.8
15	24.2	22.5	20.9	21.1	20.4	23.2	26.2	28.8	e30.5	28.8	26.1	24.7
20	24.0	21.7	20.9	21.7	20.4	23.8	26.7	29.2	e30.7	28.3	25.8	24.5
25	23.7	21.3	21.0	21.1	20.5	24.4	26.1	29.5	30.8	27.8	25.5	24.4
Eom	23.6	21.2	20.9	20.8	20.7	24.8	26.6	29.9	30.7	e27.4	25.3	24.2
1967												
5	24.1	23.3	.....	24.3	27.8	30.3	31.2	31.9	32.3	33.4	34.0	34.3
10	23.9	23.2	22.7	25.1	28.2	30.6	31.1	31.8	32.5	33.6	34.1	34.3
15	23.8	23.1	22.7	.....	28.7	30.9	31.2	31.7	32.7	33.7	34.2	34.0
20	23.7	23.0	22.6	26.5	29.2	31.2	31.4	32.0	32.9	33.9	34.3	.....
25	23.5	22.9	22.6	27.0	29.4	31.4	31.6	32.2	33.1	34.0	34.3	.....
Eom	23.4	.....	23.3	27.4	29.9	31.5	.....	32.2	33.3	34.1	34.4	.....
1968												
5	.....	25.6	24.6	23.3	22.4	24.0	27.8	30.2	31.8	.....	34.3	34.9
10	.....	26.0	24.4	23.0	22.4	24.7	28.1	30.5	31.9	33.3	34.5	35.0
15	28.2	25.5	24.3	22.8	22.3	25.5	28.5	30.7	32.2	33.6	34.7	35.1
20	27.4	.....	24.0	22.7	22.3	26.2	.....	31.0	32.4	33.8	34.8	.....
25	26.6	.....	23.9	22.7	22.3	26.7	.....	31.3	32.7	33.9	34.8	.....
Eom	26.0	24.8	23.6	22.6	23.0	27.4	30.0	31.5	.....	34.1	34.9	.....

e Estimated.

h Tape measurement.

331340N0873816.1. Local number Tus-5. Bryce Hospital. Near Coker. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age, diam 6 in, depth 109 ft, cased to 103, screened 103-109. Led 157 ft above msl. MP top of 6-in casing, 1.00 ft above lsd. Highest water level 19.88 below lsd, Jan. 14, 1968; lowest 31.05 below lsd, July 7, 1966. Records available: 1964-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	25.5	e24.4	23.2	22.6	....	25.4	26.3	26.6	25.9	27.0	24.3	24.5
10	25.4	24.4	22.8	e21.7	....	25.9	26.5	26.3	26.4	28.3	24.3	24.1
15	25.0	e24.4	22.6	....	....	25.7	26.6	26.1	25.9	31.0	24.6	23.9
20	29.1	....	21.7	....	....	25.4	26.3	26.0	29.5	26.7	24.6	23.7
25	24.9	e23.8	22.1	....	....	29.7	26.3	25.8	....	....	24.5	23.5
Eom	e24.4	24.0	22.4	....	e25.4	26.5	26.8	26.1	27.1	....	24.6	23.4
1965												
5	e23.5	22.9	21.6	21.8	26.5	28.3	....	....	30.8	....	27.0	31.3
10	23.7	23.0	22.1	21.0	27.1	28.3	e29.0	29.8	30.9	....	30.5	32.0
15	23.2	22.0	22.0	25.6	27.4	28.0	28.6	29.6	h34.4	....	32.0	31.3
20	23.2	21.5	26.7	26.0	27.6	27.8	28.8	29.6	31.1	....	31.3	31.3
25	23.1	22.2	21.3	26.1	27.6	28.1	28.9	29.9	31.0	....	31.4	31.3
Eom	23.1	22.0	25.5	25.9	28.1	e27.9	e29.2	29.9	....	....	h32.1	31.6
1966												
5	31.3	....	....	....	....	....	27.1	....	27.5	....	....	24.6
10	e31.0	....	....	....	27.4	27.0	....	....	....	....	24.5	24.6
15	....	....	....	....	....	27.0	....	27.4	....	....	24.4	....
20	....	....	....	....	....	27.2	....	27.4	....	....	24.3	....
25	....	....	....	....	....	27.1	....	27.5	....	....	24.5	....
Eom	....	....	....	....	....	27.2	....	27.6	....	....	....	....
1967												
5	....	24.1	....	....	25.3	25.4	24.8	26.9	25.5	25.7	25.8	26.0
10	....	24.2	....	....	25.4	24.8	24.7	26.8	25.4	25.8	26.3	25.7
15	24.4	24.6	....	....	25.6	25.7	....	26.3	25.5	25.7	26.3	24.9
20	24.1	24.6	....	24.3	25.6	26.0	....	26.1	25.6	25.9	26.3	24.3
25	24.2	25.4	....	25.1	24.6	24.8	24.0	25.8	25.6	26.0	26.3	23.2
Eom	24.5	24.3	....	24.5	25.6	24.8	26.2	25.6	25.6	25.9	26.0	23.5
1968												
5	23.7	21.5	23.6	22.3	23.3	24.1	23.3	24.8	25.4	24.3	24.5	24.5
10	22.6	21.7	23.8	23.3	23.8	22.8	23.4	23.5	25.4	24.3	24.5	24.6
15	21.8	21.9	23.8	23.2	23.8	23.2	23.4	24.9	24.0	25.8	24.4	24.6
20	22.4	....	23.7	23.4	24.4	24.6	23.4	25.9	24.1	24.4	24.5	24.7
25	22.5	....	23.6	23.6	23.9	24.7	23.5	23.8	24.1	24.5	24.5	....
Eom	23.2	22.5	23.6	23.7	24.1	23.3	23.4	23.9	24.2	25.8	24.5	....

e Estimated.

h Tape measurement.

Wilcox County

315919N0871709.1 (revised). Local number Wil-1. City of Camden. Drilled unused artesian well in sand of Ripley Formation of Late Cretaceous age, diam 4 in, depth 400 ft, cased to 395, screened 395-400. Lsd 165 ft above msl. MP to of 4-in casing, at lsd. Highest water level 68.1 below lsd, Apr. 27, 1953; lowest 165.0 below lsd, Oct. 1, 1956. Records available: 1953-68. Affected by pumping of nearby wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 19, 1964	90.28	Apr. 1, 1966	94.24	Mar. 15, 1967	95.18	Mar. 25, 1968	95.78
Apr. 28, 1965	89.30	June 20	98.99	June 17	100.38	Aug. 5	98.30
Feb. 3	95.88	Sept. 12	101.66	Oct. 10	96.29	Oct. 29	96.80
Jan. 10, 1966	93.07	Nov. 14	100.92	Jan. 2, 1968	96.65		

FLORIDA

The observation-well program in Florida, begun in 1930, was continued during the period 1964 through 1968 in cooperation with the Florida Bureau of Geology, the Central and Southern Florida Flood Control District, the Southwest Florida Water Management District, the counties of Broward, Collier, Dade, Escambia, Hillsborough, Okaloosa, Orange, Pinellas, Polk, and Volusia, and the cities of Boca Raton, Clearwater, Cocoa, Deerfield, Dunedin, Fort Lauderdale, Miami, Miami Beach, Naples, Pensacola, Pompano Beach, Sarasota, and Tampa. Other cooperators include Dade County Port Authority, Everglades National Park, Reedy Creek Improvement District, U.S. Navy, and the West Coast Inland Navigation District. 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. 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 17.64 below lsd, Oct. 7, 1965; lowest 33.56 below lsd, Jan. 14, 1964. Records available: 1958-68.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.47	32.88	31.44	30.22	29.71	29.45	29.49	28.99	.....	23.45	22.17	22.36
10	33.50	32.68	31.20	30.09	29.64	29.41	29.52	28.74	.....	23.10	22.12	22.43
15	33.53	32.39	30.98	29.99	29.60	29.41	29.56	28.23	.....	22.76	22.15	22.53
20	33.40	32.11	30.74	29.90	29.53	29.42	29.50	27.77	24.72	22.57	22.11	22.63
25	33.26	31.86	30.55	29.84	29.50	29.42	29.43	27.39	24.27	22.40	22.16	22.66
Eom	33.08	31.69	30.38	29.79	29.46	29.46	29.26	.....	23.84	22.26	22.27	22.05
1965												
5	21.84	21.69	21.02	20.20	20.49	21.52	20.72	19.59	17.90	17.68	18.13	.....
10	21.72	21.66	20.87	20.12	20.65	21.69	20.56	19.12	17.74	17.67	18.25	.....
15	21.68	21.65	20.68	20.12	20.80	21.39	20.47	18.77	17.67	17.72	.....	.....
20	21.66	21.44	20.50	20.19	20.97	21.19	20.41	18.49	17.70	17.76	.....	.....
25	21.62	21.30	20.35	20.26	21.16	21.05	20.42	18.30	17.70	17.80	.....	.....
Eom	21.58	21.24	20.24	20.39	21.31	20.98	20.32	18.17	17.70	.....	.....	.....
1966												
5	.....	20.80	20.60	20.03	20.64	20.69	20.86	21.40	21.48	21.60	21.80	22.38
10	.....	20.89	20.47	20.04	20.62	20.62	20.94	21.40	21.55	21.59	21.86	22.45
15	20.23	21.00	20.27	20.12	20.58	20.67	21.02	21.27	21.61	21.60	21.96	22.60
20	20.44	21.00	20.21	20.22	20.63	20.71	21.11	21.26	21.70	21.62	22.05	22.69
25	20.55	20.90	20.14	20.35	20.61	20.77	21.22	21.30	21.76	21.61	22.14	22.83
Eom	20.69	20.80	20.07	20.50	20.63	20.79	21.30	21.39	21.72	21.68	22.23	22.99
1967												
5	23.10	23.83	23.98	24.30	24.86	25.59	26.13	26.26	25.13	24.98	25.52	26.33
10	23.21	23.97	24.02	24.38	24.97	25.67	26.18	26.16	25.05	24.99	25.65	26.45
15	23.33	23.98	24.04	24.48	25.10	25.75	26.19	25.94	25.00	25.09	25.75	26.55
20	23.48	23.89	24.10	24.53	25.22	25.87	26.24	25.60	24.98	25.18	25.91	26.63
25	23.58	23.96	24.16	24.63	25.33	25.98	26.30	25.37	24.96	25.27	26.02	26.72
Eom	23.73	23.92	24.23	24.75	25.47	26.09	26.30	25.22	24.97	25.40	26.19	26.82
1968												
5	26.91	27.49	28.12	28.69	29.24	29.83	30.34	30.22	29.31	27.17	26.81	27.28
10	26.98	27.58	28.10	28.79	29.35	29.95	30.39	30.18	28.90	27.01	26.85	27.40
15	27.06	27.70	28.31	28.89	29.42	30.02	30.42	30.12	28.43	26.92	26.98	27.48
20	27.18	27.78	28.41	28.98	29.52	30.10	30.34	30.09	27.97	26.90	27.03	27.58
25	27.25	27.89	28.49	29.08	29.63	30.20	30.30	30.02	27.59	26.82	27.09	27.70
Eom	27.39	27.95	28.60	29.13	29.74	30.28	30.26	29.83	27.34	26.82	27.19	27.82

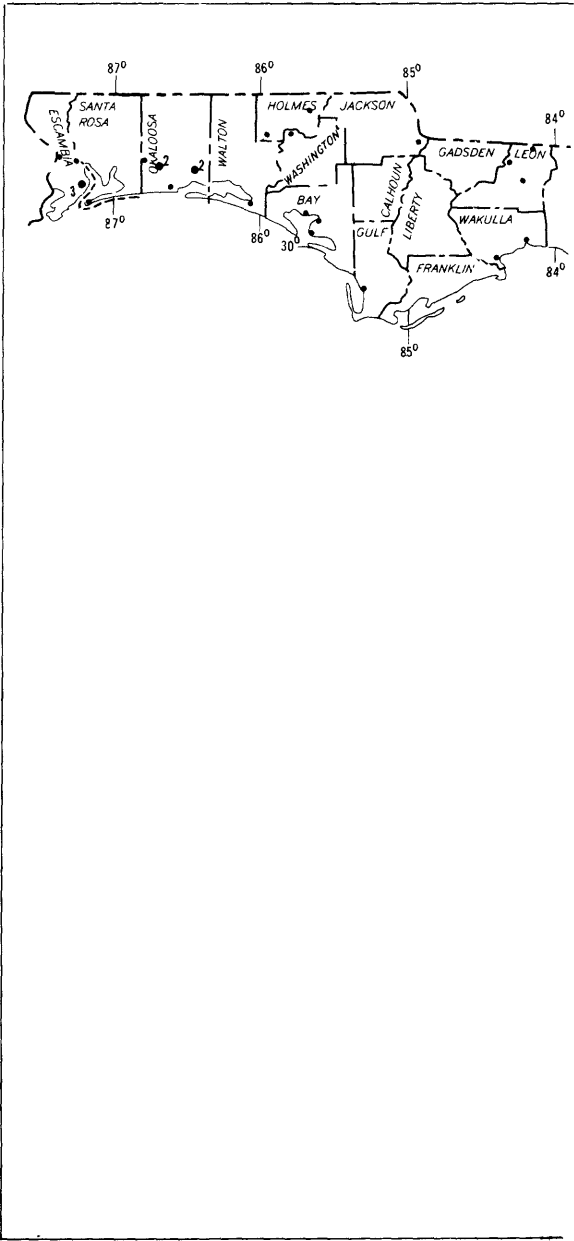
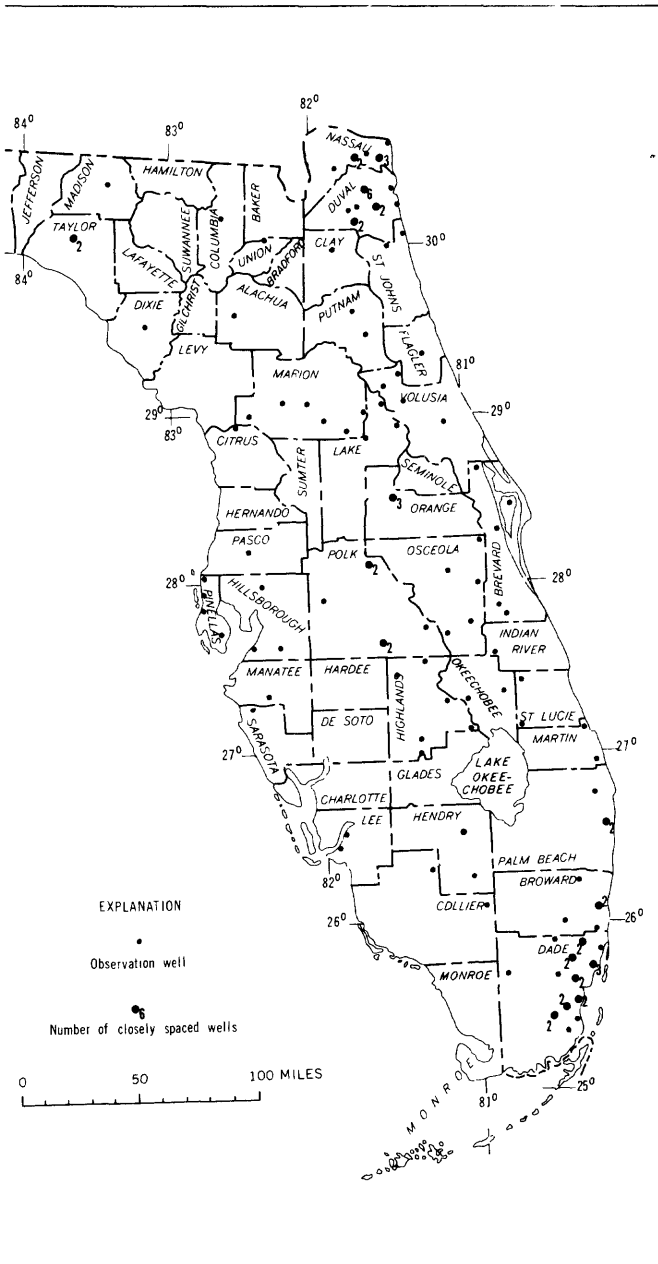


Figure 3.--Location of observation 1



Bay County

301006N0854135.1. Local number 7. Panama City. Clay and Eleventh Sts.. St. Andrew. Drilled unused artesian well in Floridan aquifer, diam 3 in, depth 253 ft. Lsd 26.33 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 23.75 below lsd, Feb. 20, 1964; lowest 78.36 below lsd, June 18, 1963. Records available: 1936, 1943, 1946-68. Affected by pumping of nearby wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	68.43	May 5, 1965	61.28	July 6, 1966	66.50	Aug. 24, 1967	39.04
Mar. 3	64.63	July 8	64.70	Sept. 19	65.92	Sept. 18	33.85
May 5	62.35	Sept. 9	61.60	Nov. 3	62.85	Nov. 9	29.10
July 8	67.20	Nov. 2	61.63	Jan. 7, 1967	59.80	Jan. 12, 1968	25.00
Sept. 10	65.44	Jan. 7, 1966	56.30	Mar. 10	58.43	Feb. 20	23.75
Nov. 5	62.26	Mar. 8	56.37	May 4	66.33	29	23.75
Jan. 6, 1965	53.80	Apr. 29	60.94	July 14	63.00	May 15	24.10
Mar. 2	56.50						

301649N0853845.1. Local number 8. St. Joe Paper Company. 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. Highest water level 3.60 above lsd, Mar. 3, 1964; lowest 0.70 above lsd, Dec. 1, 1954. Records available: 1936, 1947-64. Measurement discontinued. Jan. 7, 1964, +3.20; Mar. 3, +3.60; July 8, +3.20.

301427N0853650.1. Local number 10. L. R. Pierson. Drilled unused artesian well in Floridan aquifer, diam 8 in, depth 300 ft. Lsd 19.51 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, 1946-64. Measurement discontinued. Jan. 7, 1964, 6.99; Mar. 3, 6.63; May 5, 6.65; July 8, 8.58.

Brevard County

280506N0804512.1. Local number 19. R. M. Wall. 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, 1946-64. Measurement discontinued. Jan. 23, 1964, +24.4; Mar. 4, +20.2; May 12, +21.6; Sept. 15, +24.2; Nov. 17, +23.2.

275956N0804347.1. Local number 20. Marion Platt. Drilled irrigation artesian well in Floridan aquifer, diam 4 in, reported depth 447 ft, cased to 125. Lsd 22.09 ft above msl. MP top of 4-in tee, 1.00 ft above lsd. Highest water level 30.9 above lsd, Aug. 14, 1934; lowest 15.2 above lsd, May 7, 1968. Records available: 1934, 1942, 1946-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	+23.0	May 11, 1965	+18.5	Sept. 8, 1966	+22.1	Oct. 31, 1967	+21.4
Mar. 4	23.6	June 29	20.5	Nov. 1	22.0	Jan. 3, 1968	18.4
May 12	20.6	Sept. 8	20.0	Jan. 5, 1967	21.0	Mar. 6	18.6
July 23	20.5	Nov. 18	23.2	Mar. 14	22.6	May 7	15.2
Sept. 15	23.2	Jan. 13, 1966	22.9	May 1	19.5	July 2	20.4
Nov. 17	23.3	Mar. 10	23.3	July 12	20.2	Sept. 5	21.0
Jan. 14, 1965	22.2	May 12	20.0	Sept. 13	21.6	Nov. 12	20.8
Apr. 1	22.9	July 12	22.5				

284706N0805200.1. Local number 79. Nevins Fruit Company. Delespine Grant. Drilled irrigation artesian well in Floridan aquifer, diam 4 in, reported depth 160 ft, cased to 85. Lsd 8.98 ft above lsd. MP top of 4-in ell, 0.70 ft above lsd. Highest water level 6.7 above lsd, Aug. 29, 1946; lowest 2.98 below lsd, May 6, 1963. Records available: 1946-68. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	+2.74	Apr. 1, 1965	+3.00	May 12, 1966	+1.05	May 2, 1967	-2.19
Mar. 4	3.39	May 11	-1.20	July 12	3.8	July 12	+1.3
May 12	3.12	June 29	+3	Sept. 7	3.3	Sept. 12	+3.5
July 23	1.83	Sept. 8	2.10	Oct. 31	4.0	Jan. 3, 1968	-0.09
Sept. 15	3.82	Nov. 18	2.90	Jan. 4, 1967	3.00	Mar. 5	.21
Nov. 17	3.06	Jan. 13, 1966	2.80	Mar. 1	+3.27	May 6	2.98
Jan. 14, 1965	2.89	Mar. 10	3.00				

282135N0804536.1. Local number 148. W. P. Warren. 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 0.6 above lsd, May 11, 1965. Records available: 1946-68. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	+8.7	Apr. 1, 1965	+8.3	May 12, 1966	+5.30	May 2, 1967	+0.61
Mar. 4	9.1	May 11	.6	July 12	7.20	July 12	3.67
May 12	7.1	June 29	7.3	Sept. 8	7.70	Sept. 12	6.4
July 23	6.9	Sept. 8	8.5	Nov. 1	7.58	Oct. 30	2.15
Sept. 15	9.2	Nov. 18	9.2	Jan. 4, 1967	5.7	Jan. 3, 1968	2.9
Nov. 17	8.7	Jan. 13, 1966	8.7	Mar. 1	5.3	Mar. 5	2.01
Jan. 14, 1965	8.2	Mar. 10	9.2				

283404N0803945.1. Local number 159. H. R. Jacobsen. 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 7.6 above lsd, May 12, 1968. Records available: 1946-47, 1949-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	+12.9	Sept. 15, 1964	+13.3	June 18, 1965	+9.9	May 12, 1968	+7.6
Mar. 4	13.5	Mar. 8, 1965	12.9	Sept. 16, 1967	13.0	Sept. 14	12.7

Broward County

260010N080050.1. Local well number F291. City of Hollywood. South 20th Ave. and Dewey St. 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: 1939-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.73	+1.38	+1.10	+0.95	+2.90	+2.35	+1.65	+1.32	+2.19	+2.08	+3.12	+1.90
10	1.53	1.30	1.00	1.29	2.25	3.67	1.83	1.21	1.95	1.99	2.50	1.70
15	1.63	1.15	.91	1.26	1.95	2.78	1.68	1.22	2.14	3.05	2.10	1.60
20	1.55	1.14	.95	1.12	2.10	2.16	1.62	1.32	3.00	2.73	1.86	1.76
25	1.40	1.28	1.23	.93	1.90	1.83	1.48	1.28	2.48	2.28	1.97	1.69
Eom	1.30	1.23	1.05	2.75	1.70	1.72	1.35	2.73	2.22	3.37	2.12	1.61

1965

5	+1.57	+1.18	+2.03	+1.00	+0.83	+0.67	+1.51	+2.41	+1.26	+1.82	+5.00	+1.85
10	1.55	e1.22	1.69	.90	.79	....	1.32	1.99	2.54	1.76	3.90	1.65
15	1.45	1.26	1.48	.95	.83	....	1.36	1.87	2.22	3.93	3.47	1.55
20	1.37	1.33	1.33	.89	.69	....	2.70	1.67	2.10	3.20	2.85	1.48
25	1.32	2.18	1.26	.90	.67	....	2.67	1.40	1.90	2.93	2.42	1.40
Eom	1.22	2.07	1.03	.85	.67	....	2.65	1.30	2.10	6.40	2.08	1.32

1966

5	+1.40	+1.47	+1.65	+1.32	+1.16	+1.89	+3.27	+2.27	+1.81	+2.83	+1.88	+1.35
10	1.45	1.36	1.48	2.34	1.67	4.05	2.87	2.75	1.94	2.83	1.71	1.29
15	1.73	1.22	2.00	1.96	1.32	3.00	2.46	2.32	1.88	2.50	1.54	1.35
20	1.56	1.29	1.71	1.67	1.27	2.34	2.00	2.00	1.75	2.14	1.45	1.28
25	1.59	2.07	1.43	1.43	1.42	2.37	2.33	1.83	2.08	2.55	1.48	1.22
Eom	1.67	1.94	1.41	1.27	1.51	3.14	2.05	1.74	2.07	2.13	1.52	....

1967

5	+1.09	+1.41	+1.30	+1.39	+0.84	+1.22	+3.24	+1.25	+1.22	+2.82	+2.28	+1.50
10	1.02	1.42	1.27	1.20	.79	1.47	2.43	1.49	1.16	3.73	2.01	1.52
15	1.05	1.38	1.12	1.08	.75	4.15	2.30	1.36	1.58	3.36	2.66	1.40
20	1.38	1.15	1.08	.95	....	3.97	1.95	1.32	1.40	2.62	2.20	1.29
25	1.80	1.43	1.01	.88	....	3.10	1.62	1.27	e1.18	3.04	1.89	1.30
Eom	1.61	1.28	1.55	.84	.93	2.57	1.30	1.14	2.35	2.65	1.65	1.48

1968

5	+1.33	+1.65	+1.45	+1.00	+0.87	+3.48	+2.18	+1.69	+1.60	+3.75	+2.05	+1.27
10	1.25	1.74	1.26	.82	1.86	2.98	2.75	1.92	1.71	3.30	2.02	1.18
15	1.25	1.54	1.20	.80	2.32	2.76	2.25	2.10	1.89	2.85	1.75	1.14
20	1.20	1.53	1.55	.75	1.90	2.59	1.90	1.69	1.76	3.25	1.61	1.06
25	1.22	1.89	1.21	.77	2.08	2.55	1.52	1.85	1.96	3.02	1.46	1.10
Eom	1.20	1.74	1.13	.85	2.36	2.36	1.29	1.81	4.05	2.40	1.39	1.06

e Estimated.

260545N0800820.1. Local number G561. U.S. Geol. Survey. Southeast 4th Ave. and 20th St., Fort Lauderdale. 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: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.59	+0.85	+0.54	+0.42	+2.73	+2.56	+0.97	+0.67	+1.75	+1.99	+3.04	+1.70
10	1.21	.75	.39	.54	2.03	3.52	1.29	.65	1.58	1.80	2.39	1.46
15	1.36	.61	.33	.53	2.07	2.50	1.04	.80	1.79	3.77	1.94	1.27
20	1.17	.65	.42	.42	2.97	1.81	.90	.63	2.15	2.93	1.62	1.36
25	.94	.75	.50	.32	2.14	1.37	.80	.58	2.04	2.35	2.02	1.27
Eom	.78	.67	.51	2.93	1.67	1.17	.68	2.33	1.80	3.52	1.94	1.12

1965

5	+1.06	+0.72	+1.38	+0.47	+0.45	+0.73	+1.32	+1.87	+1.23	+1.77	+4.85	+1.72
10	1.08	.93	1.12	.40	.42	2.16	1.17	1.56	2.77	1.80	3.66	1.44
15	.98	.74	.92	.62	.52	1.64	e1.14	1.50	2.22	5.02	3.15	1.33
20	.87	.78	.75	.53	.35	2.77	e2.23	1.38	2.13	3.58	2.71	1.25
25	.85	1.79	.57	.44	.29	2.19	e2.30	1.24	1.89	2.92	2.38	1.15
Eom	.73	1.55	.38	.43	.77	1.67	2.12	1.29	2.15	6.47	1.96	1.04

1966

5	+1.12	+1.22	+1.31	+1.01	+0.82	+2.49	+3.75	+1.79	+1.79	+2.32	+1.92	+1.30
10	1.10	1.10	1.09	2.11	1.00	4.37	3.34	1.84	1.82	2.59	1.72	1.23
15	1.46	.92	1.77	1.65	.84	3.11	2.53	1.85	2.17	2.41	1.49	1.15
20	1.25	.99	1.60	1.31	.81	3.00	2.10	1.84	1.90	2.00	1.39	1.12
25	1.27	1.96	1.21	1.06	1.44	2.58	2.27	1.85	2.25	2.87	1.57	1.10
Eom	1.50	1.73	1.06	.91	1.57	4.60	2.15	1.92	1.78	2.22	1.57	.98

1967

5	+0.93	+1.03	+1.25	+1.07	+0.73	+1.40	+3.69	+1.03	+1.15	+3.80	+2.17	+1.38
10	.81	1.06	.97	.88	.63	1.45	2.58	1.48	1.23	3.69	1.92	1.30
15	.75	1.00	.81	.81	.59	4.29	1.92	1.35	1.40	3.55	2.45	1.25
20	.98	.77	.75	.77	.53	3.67	1.70	1.20	1.45	2.72	2.13	1.07
25	1.20	1.52	.79	.66	.60	3.01	1.38	1.20	1.21	3.15	1.77	1.09
Eom	1.19	1.22	1.32	.62	.69	3.50	1.09	1.16	2.28	2.48	1.58	1.30

260545N0800820.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.07	+1.45	+1.09	+0.62	+0.65	+3.66	+2.17	+1.48	+1.74	+3.20	+2.70	+1.16
10	.98	1.46	.94	.42	1.50	2.69	2.65	2.25	2.12	3.43	2.26	.99
15	.98	1.25	.88	.52	1.97	2.40	2.06	2.12	1.80	2.92	1.89	.89
20	.94	1.28	.88	.52	1.29	3.79	1.76	1.65	1.66	3.14	1.61	.85
25	1.08	1.46	.71	.62	2.35	3.50	1.46	1.84	1.86	2.57	1.44	.83
Eom	1.00	1.34	.73	.64	2.63	2.34	1.27	2.15	3.57	2.19	1.29	.80

e Estimated.

261710N0801350.1. Local number G616. U.S. Geol. Survey. 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. *P top of casing, 4.70 ft above lsd. Highest water level 14.05 above msl, June 20, 1959; lowest 7.24 above msl, June 4, 1967. Records available: 1952-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+11.67	+11.93	+10.75	+10.13	+10.74	+11.30	+11.18	+9.66	+11.13	+11.19	+11.80	.....
10	11.40	11.39	10.53	10.01	10.21	13.02	11.07	9.82	11.08	10.44	11.47	.....
15	11.70	e11.11	10.43	9.90	10.51	12.00	10.44	9.69	11.52	13.02	11.31	.....
20	11.53	e11.01	10.76	9.80	11.28	11.59	10.19	9.80	11.17	11.70	11.28	.....
25	11.30	e12.63	10.70	9.71	11.06	11.36	10.07	9.80	10.89	11.36	11.18	.....
Eom	10.96	11.01	10.28	10.30	10.64	10.95	9.82	11.93	10.95	12.43	11.31	+10.62

1965												
5	+10.45	.....	+11.20	+9.38	+8.70	+7.79	+9.87	.....	+10.37	+10.00	+11.40	+9.44
10	.....	.....	10.19	9.18	8.48	8.56	10.10	.....	11.10	10.24	10.75	9.35
15	.....	.....	9.98	e9.02	8.37	.....	10.27	.....	10.80	12.65	10.50	10.07
20	.....	.....	9.92	e8.80	8.24	.....	11.80	.....	10.37	12.25	10.30	9.80
25	.....	+11.10	9.77	8.79	8.10	.....	.....	.....	10.00	11.56	9.99	9.68
Eom	9.50	10.49	9.50	9.02	7.94	10.38	11.75	+9.47	10.47	13.41	9.68	9.44

1966												
5	+10.85	+10.55	+11.19	+9.92	+8.93	+11.05	+12.42	+11.39	+9.98	+11.19	+10.57	+9.50
10	9.93	10.20	10.79	11.23	9.40	12.60	11.58	11.67	10.46	11.65	10.56	9.36
15	10.44	9.91	11.79	11.80	8.73	11.18	11.22	11.30	10.62	11.23	10.36	10.25
20	10.30	10.45	10.85	10.32	.....	12.12	10.50	10.80	10.65	10.60	10.10	10.40
25	10.96	11.95	10.41	9.83	.....	11.88	10.25	10.60	10.57	11.84	9.97	10.03
Eom	11.66	11.69	10.45	9.62	9.94	13.39	10.84	10.28	10.51	10.83	9.75	.....

1967												
5	+9.97	+11.02	+11.03	+8.75	+7.75	+7.67	+12.00	+10.95	+9.49	+11.65	+9.95	+10.04
10	9.35	11.35	10.03	8.56	7.63	7.92	10.99	10.70	9.56	11.56	10.10	10.10
15	9.06	11.13	9.74	8.35	7.49	12.12	10.33	10.66	9.49	10.75	10.00	10.40
20	10.42	10.36	9.48	8.21	7.45	12.27	10.08	10.34	9.63	10.24	10.17	10.64
25	10.54	11.59	9.26	8.08	7.38	11.87	9.89	10.09	9.15	10.76	9.98	10.05
Eom	10.57	11.53	8.97	7.90	7.29	11.05	10.18	9.64	10.85	10.10	9.93	9.30

1968												
5	+9.98	+9.60	e+9.68	+9.20	+9.65	+12.50	+10.88	+10.83	+9.94	+11.84	+10.28	+9.85
10	10.42	9.58	e9.50	8.95	11.57	12.25	.....	11.38	10.90	11.00	10.37	9.67
15	10.15	9.86	10.08	8.85	10.62	10.86	.....	10.88	10.80	10.60	10.25	9.57
20	9.98	10.43	9.98	8.74	11.15	12.05	.....	10.38	10.83	11.19	10.19	9.47
25	9.90	10.18	9.65	9.25	10.98	10.66	.....	10.19	10.69	10.66	10.20	9.45
Eom	9.72	9.85	9.37	10.00	11.95	10.76	10.04	10.08	11.31	10.36	.....	9.40

e Estimated.

260515N0802021.1. Local number G617. U.S. Geol. Survey. 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: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+5.07	+4.62	+3.56	+3.52	+4.99	+6.15	+3.52	+3.85	.....	+4.38	+4.73	+4.40
10	4.60	4.23	3.52	3.58	4.00	.....	4.49	3.65	.....	4.25	4.32	4.15
15	4.95	3.93	3.57	.....	5.96	.....	4.01	3.85	.....	6.86	4.14	3.94
20	4.62	3.92	3.55	.....	.....	.....	4.15	3.79	.....	5.61	4.05	4.00
25	4.31	3.98	3.65	.....	.....	.....	5.10	3.83	.....	4.70	5.25	3.86
Eom	4.00	3.68	3.58	5.66	3.86	3.46	4.30	.....	+4.20	6.02	4.66	4.09

1965												
5	+3.95	+3.85	+4.27	+3.69	+3.51	+3.13	+3.93	+4.68	+3.86	+4.08	+4.54	+4.25
10	3.82	3.97	3.96	3.67	3.48	4.92	3.63	4.38	5.20	4.02	4.27	4.19
15	3.82	3.88	3.86	3.61	3.43	5.31	4.80	4.22	4.80	6.03	5.12	4.25
20	3.89	3.77	3.77	3.55	3.30	6.24	6.32	.....	4.50	5.16	4.38	4.49
25	4.01	4.80	3.94	3.80	3.37	4.99	5.56	.....	4.20	4.65	4.33	4.16
Eom	3.91	4.32	3.80	3.72	3.25	4.34	5.54	3.73	4.50	5.97	4.10	4.07

1966												
5	+4.49	+4.44	+4.28	+3.94	+3.52	+5.93	+6.95	+5.10	+4.67	+5.68	+4.34	+4.00
10	4.22	4.25	4.06	5.56	3.74	6.49	5.06	4.78	5.85	5.17	4.90	4.06
15	4.55	4.19	4.65	4.32	3.58	4.92	4.57	4.62	.....	4.59	4.54	4.10
20	4.28	4.57	4.05	3.99	3.49	6.12	4.08	4.22	.....	4.27	4.26	4.18
25	4.53	5.33	3.78	3.72	3.73	6.18	4.23	5.09	.....	5.55	4.16	4.02
Eom	4.91	4.73	4.16	3.62	4.08	6.56	4.38	4.81	4.53	4.63	4.10	4.07

260515N0802021.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.15	+4.14	+4.02	+3.80	+3.40	+4.44	+4.91	+5.20	+4.33	+6.12	+4.36	+3.86
10	4.08	4.50	3.86	3.65	3.40	3.98	4.15	4.97	3.93	.....	4.13	3.82
15	4.20	4.23	3.72	3.53	3.35	5.88	4.02	5.08	3.81	.....	4.65	4.27
20	4.80	4.05	3.70	3.53	3.50	5.75	4.00	4.23	3.97	.....	4.28	3.98
25	5.15	4.15	3.65	3.50	3.95	5.44	3.94	3.94	4.24	.....	4.02	4.00
Eom	4.32	3.97	4.05	3.45	3.67	5.32	3.83	3.85	5.50	4.74	4.00	3.83
1968												
5	+4.05	+4.80	+4.06	+3.68	+3.75	e+5.90	+4.79	+5.09	+4.83	.....	+4.22	+3.71
10	4.73	4.37	4.89	3.72	6.22	6.24	4.83	4.77	4.37	.....	5.10	3.67
15	4.37	4.39	4.05	3.80	5.43	5.83	4.60	4.73	3.94	.....	4.44	3.61
20	4.25	4.84	4.01	3.73	5.60	4.83	4.04	4.23	5.67	.....	4.20	3.64
25	4.09	4.60	3.67	3.80	6.21	4.24	3.73	4.30	4.52	.....	4.02	3.60
Eom	4.05	4.21	3.57	3.81	e6.01	4.45	3.83	5.92	.....	+4.36	3.91	3.81

e Estimated.

e Estimated.

260655N0801223.1. Local number S329. City of Fort Lauderdale. Drilled test water-table well in limestone of Biscayne aquifer, diam 4 in, depth 68 ft. Lsd 9.23 ft above msl. MP top of casing, 3.16 ft above lsd. Highest water level 10.76 above msl, Oct. 17, 1947; lowest 1.25 below msl, Apr. 28, 1964. Records available: 1940-68 Affected by pumping of nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.78	+2.54	+1.32	+0.35	+2.13	+2.84	+1.33	+0.66	e+2.55	+2.16	+3.81	+2.80
10	2.44	2.87	1.28	.20	1.55	4.00	1.42	.37	e2.24	2.20	3.30	2.74
15	2.47	2.17	.54	.23	2.23	2.77	1.30	.89	e1.80	5.10	2.94	2.26
20	2.37	1.92	.80	-.21	2.48	1.93	.93	.98	e2.05	4.39	2.56	2.38
25	2.05	1.82	.78	+ .06	2.12	2.16	1.16	.48	e2.47	3.74	3.48	2.27
Eom	1.83	1.77	.42	1.15	2.58	1.67	.51	e2.87	1.93	4.45	3.30	2.10
1965												
5	+2.06	+1.12	+1.98	+0.01	-0.77	-0.60	+1.33	+3.67	+1.42	+1.58	+4.75	+2.47
10	1.93	1.44	1.45	-.25	.28	+ .68	1.17	2.55	3.17	1.30	4.06	2.11
15	1.54	1.20	1.37	.43	.30	1.40	1.57	2.75	2.42	3.58	3.65	1.75
20	1.40	1.03	1.05	.57	.99	1.70	2.90	2.43	1.96	3.62	3.25	1.92
25	1.22	2.12	.96	.64	.47	1.95	2.97	1.80	1.91	4.21	3.04	1.87
Eom	1.21	2.25	.72	.23	.40	2.10	3.25	1.69	2.15	5.10	2.68	1.39
1966												
5	+1.96	+1.97	+1.93	+2.03	+1.08	+4.29	+5.85	+3.78	+3.25	+3.43	+3.28	+1.73
10	2.14	1.83	1.71	2.67	1.46	6.14	5.23	4.00	3.68	3.40	2.95	1.49
15	2.38	1.57	2.57	2.38	1.20	4.95	4.83	3.97	3.62	3.46	2.60	1.71
20	1.95	1.71	2.49	2.13	.94	4.90	4.23	3.61	3.19	3.08	2.34	1.57
25	2.10	e2.84	2.22	1.68	1.75	4.73	4.04	3.64	3.07	4.62	2.31	1.43
Eom	2.15	1.93	2.22	1.43	2.97	6.20	4.15	3.40	2.48	3.73	2.01	.....
1967												
5	+1.32	.....	+1.75	+1.46	-0.30	.....	+4.95	+2.05	+2.26	+4.68	+3.62	+2.40
10	1.08	.....	1.35	1.27	.45	.....	4.11	2.03	1.75	5.95	3.30	2.08
15	.97	.....	1.10	.83	.02	.....	3.36	2.44	1.74	5.25	3.65	2.33
20	1.61	.....	1.25	+ .45	1.0	.....	3.17	2.17	2.04	5.03	3.32	1.92
25	1.80	.....	.93	-.06	.39	.....	2.58	2.03	1.74	3.93	2.79	1.90
Eom	2.11	+1.96	1.80	.33	-.16	+3.99	2.06	1.76	3.52	4.05	2.61	2.02
1968												
5	+1.63	+1.49	+1.35	+0.40	+0.23	+5.16	+4.45	+2.61	+2.32	+4.00	+3.39	+1.54
10	1.30	1.79	1.15	.36	.46	4.70	4.80	2.87	2.12	3.95	3.25	1.30
15	1.91	1.58	1.31	.34	.....	4.52	4.60	2.95	2.27	3.90	2.95	1.27
20	1.50	1.78	1.16	.15	.....	5.25	3.95	.....	2.20	3.75	2.69	1.07
25	1.51	1.98	1.03	.10	.....	5.47	.....	.....	2.32	3.90	2.35	1.30
Eom	1.16	1.67	.77	-.10	4.15	4.37	2.00	2.46	4.02	3.68	1.70	1.11

e Estimated.

Citrus County

290214N0822843.1. Local number 15. Charles Rush. Drilled domestic artesian well in Floridan aquifer, diam 3 in, depth 78 ft. Lsd 44.29 ft 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, 1935-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1964	19.67	May 3, 1965	10.60	Sept. 13, 1966	11.48	Nov. 15, 1967	16.66
Mar. 2	16.43	June 23	10.99	Nov. 3	11.36	Jan. 2, 1968	17.64
May 13	15.01	Aug. 23	8.08	Jan. 10, 1967	13.07	Feb. 29	18.67
July 15	15.86	Nov. 8	9.24	Mar. 7	12.83	May 3	19.14
Sept. 8	12.30	Jan. 5, 1966	10.69	May 1	14.95	June 3	19.64
Nov. 20	9.10	Mar. 2	10.35	July 11	15.20	July 1	19.10
Jan. 25, 1965	10.04	May 9	11.37	Sept. 11	15.08	Sept. 3	15.42
Mar. 29	9.57	July 6	12.75	Oct. 30	16.40	Nov. 4	16.99

Clay County

300649N0814859.1. Local number 5. John Huntley. 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, 1944-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1964	23.7	July 9, 1964	23.9	Jan. 5, 1966	26.9	May 5, 1967	22.2
Mar. 5	25.5	Jan. 7, 1965	27.9	May 6	25.5	Jan. 10, 1968	24.3
May 7	26.1	May 6	25.7	Jan. 5, 1967	25.6	May 2	19.7

Collier County

261008N0805230.1. Local number C54. U.S. Geol. Survey. 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 above msl. MP top of casing, 2.80 ft above lsd. Highest water level 13.81 above msl, Oct. 9, 1953; lowest 7.81 above msl, June 13, 1962. Records available: 1951-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+12.20	e+12.70	e+11.90	+12.19	+11.75	e+13.00	e+12.30	+12.10	e+13.00	e+12.70	+12.73	+12.84
10	12.15	e12.20	e11.74	11.55	11.36	e12.90	e12.24	12.87	e12.43	e12.50	12.66	12.45
15	12.31	e12.10	e11.60	11.25	12.96	e12.70	e11.92	12.34	e12.72	13.03	12.80	12.41
20	e12.23	e12.00	e11.87	10.85	11.73	e12.50	e11.70	12.70	e12.43	12.66	12.60	e11.90
25	e12.13	e12.06	e11.57	11.10	12.04	e12.30	12.42	e12.70	e12.24	12.62	12.77	e12.50
Eom	e12.07	e11.95	11.95	12.91	12.10	e12.10	11.85	13.02	e12.90	12.90	12.57	e12.83

1965

5	.....	+11.48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	11.87	.....	.....	.....	.....	.....	.....	+12.34	.....	.....	.....
15	+12.07	11.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	11.84	11.50	.....	.....	.....	.....	+12.80	.....	.....	.....	.....	.....
25	11.80	.....	.....	.....	.....	.....	11.66	.....	.....	.....	.....	.....
Eom	12.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

1966

5	.....	+12.00	+12.22	.....	+8.09	+11.27	.....	+13.08	+12.74	+12.89	+12.01	+11.15
10	.....	11.97	11.46	.....	8.09	.....	.....	12.76	12.95	12.55	11.88	11.08
15	+12.25	12.10	11.44	.....	8.09	.....	+13.07	12.65	13.03	12.85	11.83	11.40
20	12.25	12.11	.....	.....	9.46	.....	12.99	12.53	12.60	12.22	11.53	11.19
25	12.03	12.04	.....	.....	11.28	.....	13.05	12.72	12.94	12.60	11.41	11.05
Eom	12.24	e11.75	.....	.....	11.16	.....	12.95	12.28	12.77	12.22	11.23	10.95

1967

5	+10.89	+11.73	+12.29	.....	.....	.....	+12.84	+12.06	+12.56	+12.31	+12.02	+11.14
10	10.80	11.88	11.79	.....	.....	.....	12.20	12.39	11.92	12.90	11.79	11.04
15	10.75	11.43	11.21	.....	.....	+12.30	12.59	12.74	11.85	12.40	11.63	11.31
20	10.75	11.29	.....	.....	.....	12.82	12.03	12.81	12.10	12.32	11.51	11.08
25	10.85	11.80	.....	.....	.....	12.63	12.43	12.79	11.79	12.86	11.40	10.89
Eom	11.93	11.74	.....	.....	.....	12.46	12.77	12.32	12.74	12.22	11.32	11.39

1968

5	.....	+12.21	+11.20	+10.57	+10.06	+12.76	+12.95	+12.81	+12.28	+12.51	+12.13	+11.48
10	+11.44	11.31	11.18	10.41	10.61	12.80	13.34	12.67	12.46	12.28	12.82	11.37
15	11.21	11.26	11.16	10.27	11.08	12.17	13.37	12.66	12.18	12.13	12.20	11.22
20	10.94	11.71	11.36	10.08	11.07	12.64	.....	12.63	12.90	12.50	11.91	11.28
25	11.03	11.74	10.99	9.92	12.25	12.33	13.11	12.77	12.83	12.81	11.80	10.97
Eom	10.72	11.58	10.78	10.39	11.73	12.67	17.96	12.13	12.38	12.23	11.67	11.18

e Estimated.

262521N0811619.1. Local number C131. U.S. Geol. Survey. On Florida Highway 846, 8 miles east of Immokalee. Drilled observation water-table well in limestone of Tamiami Formation, 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: 1952-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.30	+25.30	+23.72	+23.02	+23.10	+22.96	+24.64	+24.29	+25.73	+25.45	+25.22	e+24.97
10	24.45	24.80	23.62	23.78	22.62	24.32	24.46	25.28	25.50	25.01	24.92	e24.63
15	24.83	24.50	23.24	23.53	22.67	23.76	23.86	25.32	25.78	25.79	24.84	e24.27
20	24.85	24.33	24.64	23.13	22.32	23.28	23.62	25.80	.....	25.40	24.62	e23.92
25	25.05	24.53	24.20	22.99	22.13	24.92	24.35	25.68	.....	25.08	24.70	e23.57
Eom	24.54	24.18	23.70	23.50	22.17	24.33	24.60	25.50	24.40	25.49	25.45	e23.95

1965

5	.....	.....	+24.32	+22.67	+21.46	+21.68	+23.31	+24.61	+24.60	+25.27	+25.07	+24.27
10	+23.95	.....	23.97	22.10	21.48	22.11	23.72	25.28	25.19	25.47	25.00	23.98
15	24.01	+23.25	23.90	21.88	21.57	22.82	24.75	24.85	24.92	25.63	24.82	23.93
20	.....	23.08	23.47	21.94	21.47	23.25	24.87	24.82	24.65	25.07	24.60	24.75
25	.....	24.27	23.06	21.91	21.32	23.23	25.18	24.55	25.47	25.66	24.40	24.70
Eom	.....	24.11	22.77	21.55	21.73	23.42	24.82	25.33	25.20	25.57	24.68	24.64

262521N0811619.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.64	.....	+24.06	.....	+23.35	+24.42	.....	+26.33	+26.11	.....	+25.05	.....
10	24.37	.....	.....	+23.40	23.44	24.83	+26.30	26.28	.....	.....	24.78	.....
15	24.25	.....	.....	23.05	22.97	24.90	26.05	26.31	.....	.....	24.67	.....
20	24.17	+24.98	.....	22.60	22.66	.....	25.77	26.28	.....	.....	24.47	.....
25	.....	25.03	.....	22.47	23.67	.....	26.22	26.45	.....	.....	24.29	.....
Eom	.....	24.67	.....	23.49	24.38	.....	26.31	26.12	.....	.....	.....	.....
1967												
5	+23.30	+24.28	+24.55	+23.02	+21.68	+21.74	.....	.....	.....	.....	+24.55	.....
10	23.39	25.10	24.92	22.75	21.55	.....	.....	.....	.....	.....	24.24	.....
15	.....	24.64	24.22	22.50	21.46	.....	.....	.....	.....	+25.09	24.07	.....
20	.....	24.24	23.87	22.28	21.54	.....	.....	.....	.....	24.69	23.87	.....
25	24.93	25.20	23.55	22.01	21.56	.....	.....	.....	.....	25.38	.....	.....
Eom	24.57	24.84	23.26	21.85	21.54	.....	.....	.....	.....	24.78	.....	.....
1968												
5	.....	+23.28	+24.60	+23.28	+22.08	+25.90	+26.34	+26.33	+25.93	+25.57	+25.25	.....
10	+24.08	23.08	24.56	22.96	22.06	26.20	26.54	26.06	25.55	25.79	25.65	+24.15
15	24.08	23.72	24.27	22.78	23.14	26.03	26.40	26.06	.....	25.38	.....	24.15
20	23.81	24.11	24.38	22.52	23.72	26.15	26.34	25.67	.....	25.68	.....	24.14
25	23.65	.....	23.95	22.36	24.52	25.93	26.20	25.73	25.99	26.02	.....	23.89
Eom	23.20	24.74	23.64	22.11	.....	26.30	26.11	25.70	25.61	25.42	.....	24.13
e Estimated.												

e Estimated.

Columbia County

301031N0823810.1. Local number 9. Lake City. Drilled unused artesian well in Floridan aquifer, diam 12 in, reported depth 836 ft, cased to 680. Lsd 143.64 ft above msl. MP top of casing, at lsd. Highest water level 79.53 below lsd, June 4, 1948; lowest 97.20 below lsd, Jan. 19, 1957. Records available: 1942, 1948-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	94.84	.....	92.68	91.60	90.93	90.20	90.13	90.19	89.43	87.61	86.69	86.36
10	94.67	.....	92.39	91.45	90.84	90.10	90.23	90.19	88.67	87.60	86.60	86.60
15	94.71	.....	92.29	91.41	90.80	90.16	90.40	90.00	88.95	87.03	86.69	86.61
20	94.35	.....	91.90	91.36	90.70	90.19	90.32	89.92	88.71	87.11	86.36	86.66
25	.....	.....	91.79	91.05	90.49	90.20	90.24	89.82	88.55	87.00	86.33	86.36
Eom	.....	.....	91.79	90.89	90.30	90.24	90.36	89.55	88.12	86.80	86.43	86.51
1965												
5	86.44	86.12	85.44	85.00	84.72	85.50	86.09	86.51	86.35	86.40	86.64	86.90
10	86.19	86.00	85.66	84.70	84.79	85.60	86.16	86.45	86.40	86.31	86.60	87.18
15	86.02	86.00	85.52	84.59	84.90	85.60	86.20	86.39	86.35	86.36	86.68	86.91
20	86.18	85.86	85.32	84.56	85.00	85.78	86.24	86.36	86.53	86.23	86.70	86.87
25	86.00	85.54	85.29	84.56	85.13	85.88	86.35	86.35	86.39	86.50	86.74	87.10
Eom	85.76	85.82	85.09	84.69	85.30	86.00	86.40	86.40	86.35	86.54	86.90	87.31
1966												
5	87.13	87.47	86.45	85.19	85.10	85.20	85.11	85.16	84.96	85.08	85.68	86.28
10	87.36	87.38	86.64	85.09	84.76	84.78	85.22	85.11	85.00	85.07	85.59	86.14
15	86.96	87.25	86.08	85.02	84.92	85.10	85.12	85.12	84.84	85.25	85.80	86.51
20	87.35	87.12	86.06	84.99	85.01	85.10	85.04	85.13	84.91	85.34	85.90	86.30
25	87.13	86.95	85.85	84.97	84.84	85.19	85.14	85.01	85.10	85.25	85.92	86.64
Eom	87.46	86.60	85.34	84.96	84.97	85.05	85.12	84.96	85.00	85.33	86.00	86.69
1967												
5	86.81	86.95	86.79	87.02	87.69	88.44	89.23	89.87	90.16	90.50	91.15	91.75
10	86.84	87.00	86.90	87.05	87.73	88.56	89.40	89.91	90.08	90.42	91.33	91.50
15	86.80	87.08	86.78	87.22	87.89	88.67	89.42	89.96	90.20	90.73	91.18	91.71
20	87.10	86.89	86.95	87.24	88.12	88.81	89.67	89.98	90.30	90.86	91.37	91.94
25	87.00	87.10	86.89	87.40	88.20	88.99	89.75	90.08	90.35	90.78	91.31	91.96
Eom	87.08	86.88	87.02	87.60	88.30	89.06	89.82	90.03	90.43	90.95	91.52	92.01
1968												
5	h92.28	92.54	92.84	93.25	93.46	93.92	94.40	.....	.....	94.78	94.80	95.13
10	92.09	92.41	92.72	93.25	93.78	94.01	94.41	.....	h94.73	94.78	94.71	95.40
15	92.13	92.62	93.18	93.29	93.79	94.23	.....	.....	94.73	94.78	95.05	95.22
20	92.40	92.52	93.08	93.48	93.86	94.19	.....	.....	94.77	94.70	95.12	95.22
25	92.15	92.73	93.15	93.59	93.88	94.30	.....	.....	94.70	94.72	95.07	95.37
Eom	92.53	92.46	93.20	93.59	94.00	94.52	.....	.....	94.85	95.00	95.18	95.35

h Tape measurement.

Dade County

254444N0801448.1. Local number F179. City of Miami. Southwest 24th Ter. and 32d Ave. 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: 1939-68.

254444N0801448.1--Continued.

1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.03	e+1.52	+1.32	+1.25	+1.77	+2.95	+1.70	+1.68	+2.43	+2.18	+2.76	+2.17
10	1.88	e1.57	1.22	1.17	1.81	3.65	1.97	1.68	2.34	2.08	2.45	2.01
15	1.72	e1.48	1.18	1.27	2.27	3.18	1.66	1.78	2.30	2.77	2.19	1.93
20	1.57	e1.49	1.32	1.47	2.28	2.55	1.66	1.59	2.80	2.56	2.02	2.01
25	1.49	e1.77	1.33	1.40	2.23	2.10	1.61	1.73	2.63	2.33	2.02	1.93
Eom	e1.45	1.40	1.31	1.75	1.91	1.85	1.65	2.89	2.39	2.99	1.92	1.83
1965												
5	+1.73	+1.42	+1.75	+1.42	+1.45	+1.40	+1.68	+2.38	+1.92	+2.55	+3.83	+2.04
10	1.77	1.85	1.61	1.35	1.45	3.06	1.63	2.20	4.03	2.36	3.15	1.91
15	1.63	1.73	1.53	1.51	1.45	2.48	1.63	2.10	3.03	5.16	2.80	1.85
20	1.55	1.72	1.50	1.47	1.32	2.24	1.66	1.95	2.72	3.50	2.12	1.73
25	1.54	1.87	1.46	1.37	1.22	1.99	2.27	1.82	2.50	3.15	2.49	1.56
Eom	1.43	1.71	1.33	1.45	1.27	1.80	2.24	1.90	2.77	5.17	2.19	1.69
1966												
5	+1.73	+1.84	+2.50	+1.92	+1.64	+3.23	+3.73	+2.26	+2.14	e+3.30	+2.60	+2.00
10	1.74	1.84	2.13	2.01	1.69	5.65	3.07	2.77	2.23	3.25	2.44	1.97
15	2.39	1.64	2.08	1.84	1.58	5.58	2.73	2.48	2.70	2.88	2.17	1.84
20	2.10	1.71	2.05	1.79	1.56	3.06	2.42	2.25	2.70	2.53	2.25	1.85
25	2.04	3.46	1.82	1.76	....	2.75	2.69	2.03	2.89	3.65	2.23	1.83
Eom	2.01	2.98	1.95	1.65	2.69	4.10	2.44	1.94	2.68	2.93	2.24	1.70
1967												
5	+1.64	+1.60	+1.37	+1.95	+1.56	+1.67	+2.72	+2.19	+2.00	+4.20	+2.83	+1.92
10	1.54	1.70	1.31	1.79	1.41	1.80	2.56	2.52	2.02	4.45	3.05	1.89
15	1.55	1.61	1.23	1.74	1.30	3.64	2.84	2.53	2.41	3.52	e2.76	1.76
20	1.66	1.45	1.43	1.64	1.36	3.30	2.53	2.40	2.45	3.02	2.73	1.69
25	1.77	1.54	1.55	1.55	1.47	3.06	2.22	2.30	2.17	3.70	2.33	1.61
Eom	1.73	1.41	2.08	1.50	1.48	2.76	1.90	1.98	3.50	2.97	2.08	1.68
1968												
5	+1.55	+1.72	+1.48	e+1.24	+1.60	+4.45	+3.15	+2.85	+2.10	+3.35	+2.60	+1.63
10	1.57	1.68	1.45	e1.24	e2.99	3.91	2.85	2.66	2.02	2.85	2.44	1.46
15	1.53	1.65	1.41	e1.31	e2.55	4.34	2.56	e2.31	2.19	2.82	2.11	1.41
20	1.66	1.55	1.40	e1.30	3.46	....	2.36	e2.00	2.33	3.56	1.96	1.36
25	1.75	1.72	1.28	1.75	3.26	3.23	2.06	e2.34	3.07	3.27	1.87	1.35
Eom	1.71	1.64	1.40	1.72	3.27	3.89	1.98	2.28	3.65	2.85	1.67	1.36

e Estimated.

254217N0801718.1. Local number F319. U.S. Geol. Survey. North 1st Ave. and Sunset Dr., South Miami. 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: 1940-68

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.08	+2.17	2.14	+1.88	+1.96	+3.00	+1.85	+1.77	+1.95	+1.86	+2.11	+2.52
10	2.16	2.13	2.07	1.75	1.97	e3.71	1.75	1.50	1.97	2.15	1.89	2.03
15	2.26	2.13	2.03	1.75	2.46	e3.15	1.19	1.32	1.97	2.60	1.86	2.16
20	2.23	2.18	2.03	1.88	2.77	e2.67	1.22	1.50	2.21	2.01	1.85	2.50
25	2.22	2.26	2.03	1.75	2.77	e2.25	1.62	1.84	2.12	2.32	2.05	2.43
Eom	2.21	2.23	1.97	2.00	2.28	1.84	1.45	2.05	2.02	2.39	2.00	2.36
1965												
5	+2.37	+2.18	....	+2.13	+2.05	+1.53	+1.87	+2.04	+2.20	+2.93	+2.80	+2.33
10	2.37	2.00	....	2.06	1.92	1.98	1.77	2.02	4.00	2.55	2.35	2.42
15	2.20	2.23	....	2.05	1.85	1.87	1.82	2.17	2.57	4.32	2.50	2.42
20	2.28	2.28	....	1.96	1.71	2.00	1.87	2.42	2.35	e2.97	2.35	2.38
25	2.28	2.27	....	1.85	1.55	1.98	1.92	2.29	2.50	2.30	2.48	2.29
Eom	2.27	....	+2.15	2.05	1.49	1.93	2.10	2.34	2.58	3.36	2.07	2.31
1966												
5	+2.45	+2.36	+2.34	+2.25	+2.04	+2.59	+2.30	+1.32	+2.68	+2.67	+2.28	+2.26
10	2.16	2.41	2.37	2.50	2.10	4.70	1.84	2.01	2.22	2.77	2.51	2.34
15	2.40	2.32	2.38	1.94	1.99	2.35	1.66	1.99	2.64	2.44	2.32	2.29
20	2.39	2.40	2.24	2.22	2.01	1.85	1.71	2.00	2.56	2.37	2.21	2.27
25	2.40	2.93	2.29	2.10	2.47	1.73	2.05	2.10	2.55	e3.90	2.15	2.27
Eom	2.34	2.16	2.29	2.02	2.41	2.63	1.42	1.89	2.34	2.13	2.20	2.18
1967												
5	+2.12	+1.97	+2.00	+2.15	+1.74	+1.88	+2.55	+2.11	+2.15	+3.45	+2.83	+2.29
10	2.05	2.09	1.98	2.05	1.61	1.95	2.32	2.51	2.10	3.18	2.51	2.25
15	2.11	1.98	1.94	2.00	1.47	3.28	2.20	2.42	2.17	2.70	2.59	2.29
20	2.24	1.75	1.99	1.93	1.59	2.42	1.89	2.28	2.35	2.56	2.55	2.22
25	2.05	1.99	1.99	1.86	1.70	2.15	1.76	2.16	2.22	3.15	2.38	2.20
Eom	1.77	2.01	2.35	1.77	1.62	2.37	1.95	2.06	2.50	2.75	2.25	2.22
1968												
5	+2.17	+2.29	+2.14	+1.96	+1.74	+3.50	+2.54	+2.56	+2.34	+2.78	+2.25	+2.10
10	2.24	2.26	2.11	1.82	2.85	2.54	2.57	2.25	2.32	2.00	2.25	2.15
15	2.15	2.26	2.09	1.83	2.56	2.46	1.96	2.08	2.51	2.60	2.24	2.09
20	2.29	2.20	2.08	1.83	3.04	3.35	1.91	1.97	2.40	....	2.27	2.04
25	2.38	2.40	2.01	1.85	2.60	2.32	1.91	2.50	2.59	....	2.25	2.09
Eom	2.30	2.28	2.05	1.78	2.60	3.37	2.24	2.55	2.91	2.23	2.19	2.15

e Estimated.

252829N0802851.1. Local number F358. Town of Homestead. Northwest 6th St. and 2d Ave. 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 0.88 below msl, June 5, 1965. Records available: 1940-59, 1962-68.

Highest water level for the day, above and below msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.45	+1.74	+1.54	+0.64	+2.30	+2.70	+2.71	+2.72	+3.70	+3.64	+4.08	+2.83
10	2.31	1.85	1.35	.47	1.96	e4.13	3.62	2.75	3.45	3.34	3.58	2.71
15	2.19	1.69	1.17	.48	1.66	3.72	3.36	3.11	3.76	3.91	3.18	2.53
20	2.09	1.61	1.16	.63	1.50	3.16	3.44	3.76	3.76	3.62	2.89	2.55
25	1.94	1.89	1.02	.43	1.95	2.95	3.16	3.46	4.18	3.20	3.00	2.39
Eom	1.78	1.74	.52	2.37	1.90	2.83	2.90	3.73	3.80	4.74	3.05	2.42

1965

5	+2.22	+1.71	+1.91	+1.05	+0.03	-0.86	+0.61	+1.67	+2.02	+3.60	+1.54	+2.37
10	2.06	1.76	1.81	.84	-1.15	+2.21	.35	1.60	4.77	3.32	3.90	2.36
15	1.91	1.63	1.65	.65	.31	.43	.90	1.56	4.04	5.18	3.50	2.14
20	1.83	1.49	1.46	.46	.48	.71	1.42	1.68	3.54	5.38	3.18	1.94
25	1.77	1.87	1.41	.35	.61	.64	1.78	1.63	3.23	4.68	3.02	1.86
Eom	1.69	1.86	1.25	.22	.81	.72	1.77	1.59	3.86	4.56	2.75	1.78

1966

5	+1.81	+2.26	+1.73	+1.41	+1.05	....	+1.92	+3.77	+3.53	+3.61	+2.87	e-2.17
10	1.82	2.10	1.63	1.66	1.39	+5.74	4.90	3.86	e3.35	3.48	2.72	e2.07
15	2.35	1.90	1.87	1.66	1.27	4.70	4.69	3.49	e3.72	3.18	2.63	e1.97
20	2.22	1.87	1.75	1.23	1.20	4.67	4.07	3.14	e3.72	2.91	2.54	e1.87
25	2.09	1.89	1.66	1.24	1.64	4.81	4.09	3.33	e3.78	3.50	2.44	e1.77
Eom	2.38	1.86	1.75	1.10	2.68	5.19	3.97	3.01	3.67	3.16	2.27	1.70

1967

5	e+1.57	e+1.74	e+1.27	e+1.21	+0.07	-0.04	+3.68	e+2.96	+2.82	....	+3.84	+2.12
10	e1.48	e1.74	e1.77	e1.00	-.07	+1.13	3.50	e3.00	2.60	....	3.74	1.99
15	e1.40	e1.64	e1.62	e.81	.24	3.54	3.07	e2.89	2.38	....	e3.88	2.03
20	e1.64	e1.55	e1.44	e.60	-.20	4.08	2.87	e2.52	2.42	+3.04	e3.64	1.99
25	e1.89	e1.51	e1.24	e.48	+1.12	3.70	2.52	e2.50	2.52	e3.45	e3.44	1.85
Eom	e1.86	e1.39	e1.19	e.25	-.10	3.64	2.35	2.65	....	3.94	e2.21	1.72

1968

5	+1.67	+1.52	+1.39	+0.81	+1.90	+4.99	+5.16	+3.05	+3.10	+4.32	+3.13	+2.20
10	1.66	1.44	1.30	.61	....	4.68	4.35	3.66	3.34	3.47	3.97	2.10
15	1.75	1.30	1.20	.45	....	5.24	4.12	3.38	3.75	3.45	2.80	2.02
20	1.72	1.30	1.27	.22	....	5.34	3.68	2.95	3.54	4.36	2.65	1.96
25	1.67	1.57	....	.04	....	3.94	3.17	3.15	3.44	3.62	2.44	1.92
Eom	1.58	1.52	.97	....	+4.58	4.76	2.82	2.99	5.19	3.22	2.30	1.86

e Estimated.

254605N0802059.1. Local number G10. U.S. Geol. Survey. 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: 1940-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.38	+3.20	+2.96	+2.40	+2.58	+4.20	+2.92	+2.50	+3.03	+3.07	+3.32	+5.43
10	3.20	3.21	2.84	2.28	2.42	5.24	3.91	2.51	2.92	2.90	2.55	3.75
15	3.25	3.10	2.73	2.28	2.98	3.65	3.00	2.57	2.95	4.47	2.70	3.05
20	3.10	3.16	2.67	2.29	3.00	2.92	2.53	2.76	4.03	3.33	2.71	3.30
25	3.03	3.06	2.67	2.12	2.87	3.20	2.50	2.46	3.59	3.01	3.25	3.19
Eom	3.02	3.11	2.55	2.52	2.78	3.10	2.46	3.52	3.19	4.20	3.43	3.43

1965

5	+3.32	+3.23	+3.62	-2.97	+2.83	+1.87	+2.37	+3.12	+2.59	+4.58	+3.93	+3.23
10	3.19	3.73	3.20	2.87	2.58	2.31	2.13	2.88	4.60	3.36	3.32	3.20
15	3.13	3.10	3.57	2.73	2.42	2.63	2.35	2.88	3.30	5.40	3.40	3.16
20	3.17	2.97	3.32	2.60	2.25	2.98	3.65	2.81	3.08	4.25	3.09	3.25
25	3.21	3.57	3.22	2.54	2.12	2.75	3.31	2.82	3.15	3.58	3.28	3.13
Eom	3.80	3.09	3.02	3.23	1.97	2.60	3.95	2.63	3.52	5.45	3.12	3.14

1966

5	+3.25	+3.15	....	-2.85	+2.65	+4.04	+4.06	+3.94	....	....	+3.04	+3.21
10	3.16	3.09	....	4.07	2.74	5.08	3.97	3.50	....	....	3.10	3.28
15	3.46	3.05	....	....	2.67	3.89	3.40	3.20	....	....	2.83	3.25
20	3.17	....	....	3.07	2.83	3.48	3.38	2.97	....	....	3.42	3.27
25	3.19	....	....	2.93	3.99	3.61	3.70	3.05	....	....	3.30	3.18
Eom	....	3.75	+3.00	2.78	3.58	5.25	3.75	2.95	....	+3.49	....	....

1967

5	+3.04	+2.61	+2.84	+2.79	+2.23	+2.47	+3.77	+2.76	+2.93	+4.50	+3.10	+3.05
10	2.97	3.00	3.00	2.75	2.11	2.58	3.11	3.23	2.70	3.98	3.13	3.14
15	3.07	2.91	2.81	2.65	2.00	4.33	4.40	3.40	2.71	3.36	3.11	3.20
20	3.25	2.76	2.80	2.59	2.31	3.95	3.01	3.09	2.82	3.16	3.07	3.15
25	3.20	2.83	2.80	2.47	2.35	3.46	2.59	2.99	2.86	4.25	3.01	3.05
Eom	2.60	2.83	3.13	2.36	2.20	4.31	2.58	3.11	4.00	3.23	3.11	3.08

1968

5	+3.04	+3.14	+2.95	+2.73	+2.60	+4.67	+4.35	+3.34	+2.95	+3.05	e+2.82	+2.88
10	3.15	3.05	2.98	2.65	3.86	4.10	3.66	3.61	3.05	2.90	e2.96	2.83
15	3.06	3.00	2.97	2.57	3.77	3.78	3.23	3.24	3.30	3.15	e3.02	2.73
20	3.15	3.05	2.95	2.53	3.54	4.33	2.93	2.90	3.56	3.83	e2.98	2.69
25	3.15	3.15	2.87	2.58	4.97	3.39	2.67	3.05	4.03	4.20	2.95	2.78
Eom	3.01	3.06	2.79	2.50	3.95	4.50	2.63	3.70	3.43	2.91	2.80	2.89

e Estimated.

254332N0802008.1. Local number G39. U.S. Geol. Survey. 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, 1932. Records available: 1940-43, 1945, 1947, 1949-68. Affected by pumping of nearby wells

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.12	+2.67	+2.72	+2.07	+2.05	+3.20	+2.65	+1.98	+2.50	+2.45	+2.98	+2.75
10	3.04	2.70	2.57	1.98	2.00	4.90	2.53	1.91	2.32	2.34	2.62	2.89
15	2.99	2.70	2.45	1.90	2.18	4.37	2.22	1.83	2.20	2.92	2.38	2.78
20	2.98	2.65	2.35	1.98	2.61	3.47	1.95	2.15	2.45	2.93	2.20	2.84
25	2.90	2.75	2.27	1.87	2.70	3.10	2.24	2.24	2.52	2.67	2.27	2.81
Eom	2.76	2.80	2.15	2.00	2.73	2.81	2.11	2.70	2.46	3.18	2.37	3.02
1965												
5	+3.00	+2.75	+2.78	+2.43	+2.15	+1.20	+1.74	+2.31	+2.09	+3.22	+4.28	+2.48
10	2.88	2.82	2.73	2.30	2.00	1.32	1.61	2.27	3.50	3.11	3.60	2.47
15	2.73	2.74	2.70	2.15	1.85	1.45	1.53	2.39	3.27	4.45	3.24	2.45
20	2.66	2.73	2.69	2.00	1.70	1.58	1.77	2.42	2.90	4.13	2.90	2.42
25	2.66	2.80	2.66	1.47	1.55	1.72	2.04	e2.32	2.69	3.77	2.74	2.37
Eom	2.73	2.76	2.54	2.24	1.33	1.82	2.20	e2.17	3.07	4.80	2.57	2.37
1966												
5	+2.46	+2.54	+2.76	+2.37	+1.91	+4.02	+4.07	+2.91	+2.31	+3.24	+3.09	+2.23
10	2.47	2.50	2.56	2.44	1.98	5.03	3.67	3.38	2.32	3.28	2.82	2.26
15	2.87	2.43	2.53	2.30	1.83	4.37	3.18	3.17	2.75	3.00	2.59	2.29
20	2.74	2.47	2.49	2.25	2.02	4.13	2.87	2.94	2.80	2.73	2.50	2.29
25	2.67	3.37	2.46	2.18	3.45	3.69	2.69	2.63	3.55	4.55	2.37	2.25
Eom	2.63	3.19	2.48	2.03	3.52	4.06	2.63	2.38	3.32	3.67	2.24	2.20
1967												
5	+2.17	+1.87	+1.85	+2.02	+1.41	....	+3.60	+2.03	+2.15	+3.58	+3.26	+2.57
10	2.08	1.88	1.97	1.93	1.30	....	3.37	2.38	2.04	4.31	3.04	2.49
15	2.04	1.91	1.95	1.81	1.19	....	3.12	2.48	1.90	4.00	3.20	2.54
20	2.15	1.85	1.93	1.72	....	....	2.82	2.48	1.95	3.57	e3.00	2.48
25	2.29	1.80	1.92	1.60	....	....	2.40	2.37	1.95	3.54	e2.83	2.40
Eom	1.96	1.80	2.00	1.51	....	+3.36	2.11	2.18	2.38	3.35	2.65	2.41
1968												
5	+2.37	+2.24	+2.20	+1.86	+1.44	+5.05	+4.50	+2.71	+2.77	+3.80	+3.20	+2.35
10	2.29	2.23	2.12	1.78	2.25	4.79	4.34	2.73	2.62	3.37	3.00	2.26
15	2.25	2.23	2.06	1.70	3.14	4.53	3.84	2.93	3.02	3.25	2.89	2.20
20	2.25	2.20	2.04	1.57	4.22	5.15	3.40	2.63	3.20	4.55	2.78	2.12
25	2.28	2.28	1.97	1.56	4.55	4.54	2.95	2.66	3.26	4.01	2.59	2.09
Eom	2.25	2.26	1.95	1.50	4.47	4.93	2.61	2.81	3.92	3.52	2.48	2.10

e Estimated

255724N0802553.1. Local number G72. U.S. Geol. Survey. 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: 1940-65. Affected by drainage canal cut Oct. 29, 1960. Measurement discontinued.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.93	+5.10	+4.61	+3.87	+5.11	+4.70	+4.95	+4.60	+4.85	+4.78	+4.87	+5.39
10	4.92	4.68	4.35	3.70	4.82	5.17	4.80	4.67	4.55	4.56	4.75	5.00
15	4.85	4.69	4.19	4.31	4.44	4.65	4.78	4.97	5.05	5.31	4.83	5.07
20	4.97	4.74	4.08	3.61	4.38	4.77	4.80	4.87	5.05	4.83	4.75	4.98
25	4.92	4.83	4.40	3.58	3.97	4.58	4.83	4.39	5.00	4.81	4.85	5.01
Eom	4.85	4.75	4.13	5.00	3.83	4.68	4.70	5.12	4.70	5.12	4.90	5.03
1965												
5	+5.05	+4.80	+4.96	+4.52	+3.95	+2.92	+3.63	+4.32	+3.56	+4.79	+5.28	+4.85
10	5.02	4.95	4.79	4.40	3.79	4.23	3.38	3.90	5.19	4.96	5.04	4.85
15	4.97	4.92	4.81	4.28	3.82	4.08	4.37	4.02	4.72	5.66	5.11	4.82
20	4.90	4.87	4.73	4.15	3.56	4.20	4.49	3.99	4.68	5.37	4.88	4.79
25	4.73	4.85	4.70	4.19	3.28	3.50	4.60	3.85	4.85	5.16	4.79	4.73
Eom	4.90	5.00	4.70	4.05	3.10	3.15	4.45	3.60	5.07	5.62	4.83	4.85

253653N0801831.1. Local number G476. U.S. Geol. Survey. 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: 1947-66. Affected by tides in Biscayne Bay. Measurement discontinued.

Mean water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.35	+1.18	+0.79	+0.78	+1.33	+1.23	+1.16	+0.98	+1.60	+1.45	+2.30	+1.47
10	1.17	.82	.75	.70	1.28	2.35	1.23	1.17	1.57	1.72	1.80	1.76
15	1.05	.95	.81	.81	1.15	1.39	1.17	1.07	1.59	1.52	1.70	1.49
20	1.23	.82	1.00	.94	1.20	1.35	1.13	1.00	2.02	1.60	1.79	1.54
25	1.18	.99	1.00	e1.01	1.28	1.43	.91	1.12	1.79	1.68	1.73	1.57
Eom	1.17	.89	.81	1.08	1.07	1.43	1.05	1.31	1.71	2.19	1.60	1.51
1965												
5	+1.60	+1.25	+1.30	+1.12	+1.24	+1.07	+1.14	+1.42	+1.68	+1.75	....	+1.50
10	1.42	1.62	1.16	1.12	1.23	1.30	1.13	1.54	4.32	1.65	....	1.58
15	1.33	1.45	1.19	1.45	1.14	1.27	1.00	1.56	....	2.25	....	1.51
20	1.40	1.48	.95	1.05	.82	1.40	1.16	1.50	....	1.87	....	1.50
25	1.10	1.28	1.03	1.08	.80	1.22	1.37	1.51	....	....	....	1.52
Eom	1.15	1.18	.95	1.20	.98	1.22	1.38	1.55	1.85	5.23	+1.50	1.59

253653N0801831_1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+1.52	+1.30	+1.40	+1.46	+1.30	+1.98	+1.53	+1.25	+1.55	....	....	....
10	1.70	1.80	1.47	1.32	1.26	1.75	1.35	1.30	1.30	....	....	....
15	1.88	1.20	1.47	1.15	1.30	1.65	1.32	1.25	1.62	....	....	....
20	1.60	1.33	1.47	1.47	1.39	1.57	1.45	1.30	1.58	....	....	....
25	1.77	1.55	1.31	1.16	1.53	2.04	1.48	1.18	....	....	....	....
Eom	1.53	1.68	1.41	1.29	1.73	2.20	1.07	1.52	....	....	....	....

253902N0802025.1. Local number G553. City of Miami. 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: 1947-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.35	+2.79	+2.66	+2.08	+2.18	....	+3.86	+2.65	+3.40	+3.50	+4.14	+3.35
10	3.28	2.80	2.53	1.98	2.53	....	3.77	2.65	3.22	3.37	3.80	3.75
15	3.24	2.72	2.43	1.88	....	....	3.42	2.60	3.77	3.63	3.50	3.63
20	3.16	2.65	2.36	1.86	....	+4.48	3.11	2.50	4.17	3.50	3.23	3.54
25	3.04	2.80	2.27	1.77	....	3.98	2.92	2.67	4.00	3.30	3.23	3.47
Eom	2.88	2.77	2.19	2.16	2.20	3.74	2.69	3.50	3.77	4.18	3.26	3.57

1965												
5	+3.44	+2.90	+3.48	+2.83	+2.45	+1.43	+2.07	+2.55	+2.45	+3.36	+6.48	+3.08
10	3.28	3.37	3.41	2.69	2.29	2.15	1.89	2.58	4.18	3.38	5.20	3.11
15	3.13	3.40	3.23	2.53	2.14	2.30	1.74	2.65	3.41	5.77	4.55	3.08
20	3.00	3.30	3.06	2.41	2.00	2.27	1.96	2.64	3.16	e5.40	4.09	3.08
25	2.92	3.49	3.10	2.28	1.85	2.19	2.36	2.58	3.04	e5.13	3.75	3.03
Eom	2.90	3.42	2.95	2.47	1.57	2.22	2.49	2.55	3.65	8.32	3.28	3.03

1966												
5	+3.21	+3.36	+3.39	+3.10	+2.53	+6.05	+5.90	+3.34	+3.42	+3.63	+3.96	+3.05
10	3.30	3.27	3.25	3.19	2.54	7.07	5.20	3.65	3.53	3.82	3.60	3.04
15	4.03	3.17	3.49	3.04	2.50	5.40	4.71	3.69	3.59	3.64	3.44	3.03
20	3.70	3.18	3.55	2.89	2.11	5.70	4.18	3.77	3.76	3.43	3.36	3.01
25	3.50	3.65	3.47	2.77	3.20	5.49	3.54	3.55	3.52	5.74	3.24	2.96
Eom	3.45	3.62	3.30	2.65	5.75	6.19	3.42	3.41	3.54	4.58	3.10	....

1967												
5	+2.80	+2.77	+2.51	+2.82	+1.75	+1.40	+3.91	+2.85	+2.84	+4.02	+4.26	+3.07
10	2.72	2.75	2.65	2.65	1.64	1.59	3.65	3.00	2.72	5.32	3.90	2.96
15	2.64	2.64	2.67	2.49	1.50	3.55	3.38	3.13	2.67	4.05	3.77	2.83
20	2.79	2.53	2.55	2.37	1.64	3.74	3.28	3.05	2.78	3.65	3.60	e2.82
25	3.18	2.57	2.48	2.08	1.64	4.10	3.03	3.00	2.72	4.05	3.40	e2.78
Eom	2.92	2.57	2.88	1.86	1.49	3.65	2.83	2.81	3.25	3.98	3.19	3.70

1968												
5	e+2.70	e+2.59	e+2.51	+2.36	+1.65	+5.95	+4.96	+3.68	+4.40	+5.21	+4.27	+3.02
10	e2.66	e2.54	e2.45	2.26	2.07	6.02	5.02	3.76	4.21	4.65	e4.02	2.90
15	e2.64	e2.47	e2.38	2.08	3.39	5.04	4.48	4.27	4.43	4.71	e3.77	2.82
20	e2.72	e2.63	e2.63	1.90	5.07	5.37	4.00	3.94	4.66	....	e3.52	2.72
25	e2.71	e2.61	e2.55	1.76	5.07	4.74	3.69	3.80	4.64	....	e3.27	2.69
Eom	e2.65	e2.59	2.45	1.80	5.11	5.50	3.36	4.26	5.58	4.63	3.25	2.64

e Estimated.

254000N0801810.1. Local number G580A. U.S. Geol. Survey. Northwest corner of Ludlum Rd. and Killian Dr. 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 9.34 above msl, Sept. 23, 1960; lowest 0.94 above msl, May 29, 1962. Records available: 1960-68. Well replaces G580.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.46	+2.04	+1.98	+1.50	+1.87	+2.33	+1.97	+1.53	+2.27	+2.21	+2.97	+2.40
10	2.37	2.11	1.84	1.37	1.80	4.21	2.15	1.46	2.28	2.20	2.66	2.83
15	2.35	2.00	1.75	1.38	1.82	....	1.71	1.38	2.23	2.51	2.36	2.64
20	2.28	2.00	1.74	1.52	1.85	....	1.59	1.52	3.05	2.25	2.17	2.69
25	2.19	2.11	1.73	1.35	1.92	2.42	1.60	1.87	2.70	2.25	2.35	2.68
Eom	2.09	2.12	1.65	1.77	1.98	2.21	1.51	2.42	2.35	3.15	2.52	2.75

1965												
5	+2.66	+2.29	+2.72	+2.03	+1.89	+1.15	+1.65	+2.22	+2.15	+2.66	+3.23	+2.25
10	2.57	2.58	2.63	1.91	1.67	1.87	1.48	2.28	....	2.67	3.00	2.27
15	2.39	2.60	2.39	1.83	1.63	2.00	1.55	2.37	....	4.95	2.92	2.29
20	2.28	2.59	2.30	1.75	1.45	2.02	1.75	2.35	....	3.37	2.72	2.27
25	2.25	2.67	2.28	1.68	1.29	2.00	2.03	2.30	....	2.87	2.58	....
Eom	2.23	2.50	2.07	1.87	1.16	1.85	2.15	2.27	3.00	4.28	2.25	2.29

1966												
5	+2.43	+2.44	....	+2.29	+1.77	+3.77	+2.98	+1.78	+2.05	+2.63	+2.25	+2.20
10	....	2.42	....	....	1.95	....	2.45	2.05	2.02	2.68	2.25	2.25
15	....	2.31	....	....	1.90	....	2.03	2.05	2.13	2.40	2.30	2.20
20	....	2.29	....	....	....	2.72	1.89	2.15	2.24	2.22	2.34	2.18
25	....	3.27	....	....	....	2.76	1.98	1.91	2.25	4.57	2.27	2.17
Eom	....	2.83	2.38	1.80	3.70	3.45	1.73	1.93	2.30	2.50	2.30	....

254000N0801810.1--Continued.

Highest water level for the day, above msl, from recorder graph, 1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.05	+2.01	+1.78	+2.25	+1.59	+1.38	+3.00	+2.43	+2.25	+3.83	+3.18	+2.35
10	1.98	2.05	1.83	2.11	1.45	1.68	2.85	2.61	2.20	....	e2.99	2.25
15	1.89	1.96	1.81	2.04	1.27	3.76	2.73	2.58	2.29	....	e3.00	2.27
20	2.06	1.75	1.84	1.92	1.62	3.45	2.60	2.43	2.40	....	e2.80	2.17
25	2.40	1.85	1.79	1.85	1.64	3.21	2.35	2.38	2.24	....	e2.60	2.10
Eom	2.14	1.88	2.15	1.71	1.43	3.03	2.35	2.21	2.64	3.24	2.44	2.06
1968												
5	+1.98	+2.04	+1.87	....	+1.38	+1.80	....	+3.05	+3.10	+3.85	+3.22	+2.43
10	1.90	1.99	1.80	....	....	....	....	2.83	3.00	3.21	3.08	2.46
15	e2.02	1.99	1.78	....	....	....	....	2.85	3.22	3.18	2.95	2.33
20	e2.11	1.91	....	....	....	4.18	....	2.63	3.06	4.28	2.80	2.30
25	e2.21	2.04	1.75	1.48	....	3.28	....	2.73	3.11	....	2.63	2.30
Eom	2.12	2.03	....	....	....	....	2.55	3.09	3.78	3.34	2.53	2.30
e Estimated.												

e Estimated.

254207N0802003.1. Local number G595. U.S. Geol. Survey. Drilled observation 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 2.65 below msl, June 6, 1969. Records available: 1949-66. Affected by pumping of nearby wells. Measurement discontinued.

Highest water level for the day, above and below msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.16	+1.15	+0.02	-0.42	+0.45	+2.06	-0.21	-0.33	-0.10	+0.85	+0.35	-0.07
10	1.50	1.82	-.11	.39	-.38	2.55	+0.03	.65	-.48	.75	.10	+4.47
15	2.25	.45	.31	.75	+1.23	1.25	-.65	....	+35	1.63	.07	.51
20	2.05	.58	.27	.26	1.35	.91	.58	....	1.23	.97	.11	.70
25	.77	1.00	0	-.15	1.46	1.41	.18	....	.40	.32	-.03	.90
Eom	.64	1.00	-.25	+36	1.45	+.60	.19	.05	.62	1.29	+12	.62
1965												
5	+0.25	+0.45	+0.10	-1.40	-1.92	-2.59	-1.89	-0.35	+0.55	-0.85	+2.22	-1.13
10	.18	.22	.17	1.58	2.19	1.55	1.94	.61	1.33	.62	....	1.62
15	.23	+0.4	.67	1.53	2.25	1.30	2.18	.20	+0.5	2.06	....	1.67
20	.32	-.16	1.28	1.78	2.10	1.05	1.05	1.16	-.89	.93	....	1.45
25	.17	+32	.44	2.08	2.25	2.32	.50	1.54	1.40	.85	....	1.23
Eom	.55	.52	+1.53	1.87	2.50	2.24	.63	-1.13	.52	-3.55	-1.17	1.68
1966												
5	-1.75	-1.18	....	....	....	....	....	....	....	....	....	....
10	1.24	1.74	....	....	....	....	....	....	....	....	....	....
15	.95	....	....	....	....	....	....	....	....	....	....	....
20	1.18	....	....	....	....	....	....	....	....	....	....	....
25	.97	....	....	....	....	....	....	....	....	....	....	....
Eom	1.29	....	....	....	....	....	....	....	....	....	....	....

253937N0803040.1. Local number G596. U.S. Geol. Survey. 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 (since Feb. 17, 1957). Highest water level 8.72 above msl, Nov. 2, 1960; lowest 2.00 above msl, June 3, 1967. Records available: 1949-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+5.39	+4.51	+4.08	+3.23	+3.56	+2.55	+5.65	+5.60	+6.23	+6.12	+6.24	+5.95
10	5.20	4.53	3.91	3.05	3.36	....	4.93	5.40	5.85	5.85	6.04	5.67
15	5.15	4.39	3.73	2.95	3.16	....	5.32	e5.50	6.20	6.64	5.77	5.50
20	5.02	4.27	3.76	2.83	3.08	....	e5.30	5.92	6.17	5.86	5.62	5.35
25	4.89	4.23	3.63	2.75	2.98	....	5.95	5.58	6.16	5.65	5.80	5.24
Eom	4.64	4.26	3.38	3.45	3.00	5.53	5.80	6.22	6.07	6.57	5.60	5.63
1965												
5	+5.42	....	+5.64	+4.48	+3.47	+2.14	+3.13	+3.65	+3.81	+7.20	+6.43	+5.49
10	5.23	....	5.42	4.23	3.23	2.58	2.85	3.65	6.41	5.95	6.23	5.32
15	5.08	5.15	5.15	4.00	3.00	2.78	2.95	3.71	5.38	7.65	6.11	5.17
20	e4.97	4.90	4.93	4.02	2.76	3.36	3.65	4.27	5.13	6.97	5.82	5.03
25	e4.84	5.60	4.83	3.80	2.56	3.42	3.93	4.14	5.10	6.44	5.90	4.94
Eom	....	5.42	4.63	3.69	2.83	3.31	3.72	3.97	5.83	7.35	5.61	4.69
1966												
5	+4.82	+5.04	+4.77	+4.26	+3.92	+6.65	+7.25	+7.35	+7.18	+7.08	+6.80	+5.85
10	4.87	4.89	4.60	4.83	3.92	7.62	7.57	e7.01	7.15	6.87	6.59	5.68
15	5.40	4.72	4.81	4.79	3.76	6.68	7.37	6.74	7.36	6.76	6.49	5.53
20	5.16	4.75	4.85	4.67	4.27	7.39	7.17	6.92	7.15	6.61	6.42	5.38
25	5.07	5.02	4.63	4.36	5.27	6.78	7.24	6.97	7.43	7.62	6.23	5.18
Eom	5.15	4.91	4.48	4.10	5.85	7.72	7.25	6.80	7.09	7.10	6.06	....
1967												
5	+4.84	+4.62	+4.24	+3.77	+2.64	+2.10	+6.37	+5.15	+5.08	+5.58	+5.89	+5.37
10	4.69	4.82	4.64	3.61	2.42	2.52	6.00	5.53	5.00	6.57	5.71	5.19
15	4.55	4.66	4.47	3.42	2.23	....	5.54	5.82	4.92	6.16	e6.35	5.35
20	4.65	4.46	4.23	3.22	2.35	....	5.38	5.45	4.86	5.93	5.84	5.15
25	4.91	4.45	4.02	3.02	2.25	....	5.05	5.32	4.80	6.00	5.62	5.05
Eom	4.75	4.34	3.85	2.86	2.07	6.06	4.65	5.27	5.36	5.96	5.57	4.93

253937N0803040.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+4.77	+4.23	+3.78	+3.17	+2.34	+7.40	+7.70	+6.73	6.24	+7.43	+6.71	+5.76
10	4.65	4.09	3.69	3.00	e4.75	7.60	7.32	6.48	6.23	7.28	6.80	5.56
15	4.69	4.00	3.56	2.77	3.85	7.39	7.02	6.40	6.63	7.15	6.43	5.40
20	4.59	3.88	3.70	2.62	3.69	e7.65	6.64	6.34	6.98	7.62	6.27	5.21
25	4.48	3.95	3.51	2.47	...	6.88	6.16	6.35	6.35	7.42	6.05	5.05
Eom	4.35	3.96	3.32	2.54	6.76	7.29	6.04	6.31	7.90	6.93	5.95	4.92

e Estimated.

252425N0803200.1. Local number G613. U.S. Geol. Survey. 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: 1950-68.

Highest water level for the day, above and below msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.23	+1.44	+1.21	+0.04	+2.50	+3.73	+2.29	+2.62	+3.28	+3.07	+3.15	+2.58
10	2.02	1.56	1.00	-.10	1.96	3.47	3.25	2.31	2.90	2.75	2.80	e2.45
15	1.88	1.35	.79	+.07	1.71	2.90	2.70	2.40	3.77	3.18	2.60	e2.26
20	1.80	1.24	.62	.47	1.50	2.50	2.77	2.75	3.21	2.78	2.40	e2.24
25	1.66	1.61	.45	.16	2.07	3.01	2.55	2.60	3.34	2.45	2.75	2.07
Eom	1.49	1.49	.30	3.43	2.47	2.38	2.30	2.95	3.01	3.65	2.86	2.26

1965												
5	+2.00	+1.31	+1.62	+0.33	-0.67	-1.25	+0.43	+1.40	+1.49	+2.69	+3.37	+2.07
10	1.81	1.31	1.39	+ .11	.87	-.02	.04	1.26	4.16	2.64	2.93	1.89
15	1.65	e1.20	1.15	.12	1.00	+ .25	.89	1.18	3.43	5.20	2.72	1.74
20	1.58	e1.04	.92	.32	1.15	.48	1.75	1.33	3.12	....	2.47	1.68
25	1.56	1.67	.74	.30	1.32	.38	2.08	1.29	2.76	....	2.67	1.52
Eom	1.43	1.56	.54	.45	1.13	.74	1.61	1.40	2.82	3.85	2.33	1.44

1966												
5	+1.68	+1.96	+1.30	+0.93	+0.63	+4.16	+3.90	+3.23	+2.75	+3.22	+2.54	+1.83
10	1.64	1.73	1.15	1.42	1.61	4.82	4.97	3.37	2.82	3.11	2.38	1.73
15	2.13	1.52	1.48	1.54	1.25	3.77	3.89	3.08	3.50	2.96	2.23	1.74
20	1.82	1.58	1.35	.93	1.06	4.05	3.37	2.84	3.09	2.73	2.27	1.70
25	1.71	1.53	1.38	.59	1.61	4.06	3.51	2.85	4.20	3.30	2.06	1.57
Eom	2.21	1.42	1.20	.69	2.37	4.51	3.43	2.55	3.44	2.80	1.93	1.47

1967												
5	+1.40	+1.54	+1.10	+0.65	-0.38	+0.40	+3.67	+2.25	+2.01	+2.65	+2.20	+1.75
10	1.27	1.73	1.32	.47	.54	1.06	2.68	2.20	1.96	3.21	2.05	1.74
15	1.40	1.63	1.05	.29	.73	4.25	2.44	2.10	2.32	2.70	2.32	1.94
20	1.88	1.37	.89	+.14	.34	4.16	2.17	1.92	2.05	2.43	2.08	1.84
25	1.91	1.35	.71	-.05	.10	3.50	1.91	1.75	2.03	2.83	1.95	1.70
Eom	1.71	1.21	.89	.23	-.32	3.33	1.68	1.89	2.87	2.25	1.85	1.65

1968												
5	+1.55	+1.19	+1.14	+0.53	+0.04	+3.15	+2.87	+2.53	+2.36	e+2.99	e+2.32	e+1.82
10	1.70	1.05	1.06	.30	2.35	3.10	2.82	2.71	2.60	e2.35	e2.33	e1.85
15	1.60	.99	.91	+ .11	....	3.14	2.40	e2.12	2.52	e2.44	e2.18	e1.78
20	1.62	1.03	1.24	-.08	....	3.35	2.14	2.20	2.58	e3.00	e2.10	e1.72
25	1.50	1.50	.86	.21	....	2.33	2.32	2.25	e3.47	e2.50	e2.04	e1.66
Eom	1.26	1.40	.71	-.26	3.12	2.96	2.25	2.17	3.40	e2.40	e1.51	1.55

e Estimated.

253258N0802643.1. Local number G614. U.S. Geol. Survey. Southeast corner of Newton Rd. and Silver Palm Dr. Drilled observation 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 0.26 above msl, June 6, 1965. Records available: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.19	+2.59	+2.45	+1.71	+2.23	+2.17	+3.62	+3.75	+4.47	+4.64	+5.37	+3.77
10	3.20	2.60	2.30	1.51	2.28	4.32	3.82	3.71	4.26	4.40	4.82	3.72
15	3.10	2.56	2.14	1.43	2.15	4.62	4.02	3.78	4.48	4.80	4.34	3.59
20	3.03	2.46	2.20	1.37	2.02	4.23	3.97	4.14	5.42	4.76	3.96	3.42
25	2.89	2.55	2.12	1.25	1.94	3.89	4.10	4.20	5.05	4.31	3.75	3.34
Eom	2.72	2.57	1.93	1.48	1.99	3.79	3.92	4.55	4.86	5.78	3.89	3.23

1965												
5	3.20	2.67	2.82	2.37	1.46	0.29	1.36	2.14	2.28	e4.54	6.84	3.61
10	3.08	2.65	2.89	2.26	1.29	1.18	1.22	2.21	4.64	e4.20	5.72	3.37
15	2.93	2.61	2.78	1.97	1.09	1.33	1.27	2.30	4.56	5.53	5.00	3.18
20	2.79	2.57	2.61	1.76	.90	1.34	1.46	2.32	4.29	5.93	4.37	2.98
25	2.67	2.62	2.65	1.58	.70	1.39	1.83	2.35	3.99	6.01	3.83	2.83
Eom	2.62	2.73	2.55	1.57	.46	1.41	2.07	2.27	4.83	7.50	3.83	2.62

1966												
5	+2.52	+3.02	+2.57	+2.24	+1.83	+4.63	+6.72	+4.89	+3.97	+4.39	+4.04	+3.11
10	2.52	2.89	2.44	2.13	1.84	7.32	6.82	5.45	3.92	4.46	3.88	3.02
15	2.98	2.72	2.47	2.32	1.81	6.05	6.32	5.01	4.19	4.25	3.62	2.92
20	2.04	2.59	2.53	2.38	1.74	5.94	5.49	4.62	4.58	3.87	3.54	2.84
25	2.95	2.68	2.40	2.25	1.98	5.90	5.16	4.30	4.40	4.62	3.43	2.74
Eom	2.96	2.66	2.33	2.00	3.10	6.81	4.89	4.21	4.63	4.39	3.25	2.59

253258N0802643.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.49	+2.56	+2.11	+1.89	e+0.90	+0.41	+5.41	+2.85	+3.11	....	+3.62	+2.74
10	2.35	2.46	2.62	1.76	e.72	.66	e4.70	3.20	3.10	....	3.50	2.54
15	2.22	2.41	2.63	1.60	e.58	1.20	e4.28	3.56	2.93	....	3.42	2.47
20	2.30	2.26	2.38	1.44	e.60	4.47	e3.87	3.58	2.80	....	3.29	2.43
25	2.53	2.19	2.10	1.28	e.55	4.62	e3.45	3.32	2.81	....	3.08	2.36
Eom	2.64	2.14	1.93	1.09	.48	4.43	3.05	3.08	....	+3.60	2.89	2.25
1968												
5	+2.15	+1.96	+1.74	+1.31	+0.56	+6.56	+6.44	+3.57	+3.85	....	....	+2.87
10	2.06	1.83	1.68	1.15	2.12	....	....	e3.79	3.61	....	....	2.78
15	2.06	1.76	1.60	.99	4.10	....	....	3.72	4.18	....	....	2.69
20	2.08	1.66	1.55	.82	4.12	7.26	....	3.63	4.20	....	....	2.59
25	2.07	1.73	1.52	.66	4.64	5.16	....	3.45	4.12	....	....	2.47
Eom	2.04	1.78	1.42	.64	5.35	6.22	3.65	3.79	6.10	+4.30	+3.01	2.44
e Estimated.												

e Estimated.

254530N0803640.1. Local number G618. U.S. Geol. Survey. On U.S. Highway 41. 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: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.63	+6.52	+6.40	+5.90	+5.30	+6.47	+6.60	+6.55	+6.83	+6.81	+6.96	+6.98
10	6.60	6.52	6.32	5.66	4.96	6.74	6.60	6.56	6.75	6.78	6.92	6.96
15	6.62	6.48	6.25	5.40	5.38	6.63	6.54	6.67	6.75	7.00	6.89	6.95
20	6.60	6.45	6.25	5.15	5.46	6.65	6.54	6.75	6.82	6.87	6.87	6.95
25	6.57	6.43	6.18	5.15	5.30	6.60	6.55	6.70	6.78	6.81	6.85	6.95
Eom	6.53	6.43	6.08	5.52	5.60	6.52	6.55	6.75	6.79	6.98	6.85	6.95
1965												
5	+6.93	+6.80	+6.83	e+6.55	+6.06	+4.75	+5.63	+5.92	+6.32	+6.68	+7.00	+6.95
10	6.90	6.80	6.81	e6.48	5.84	5.35	5.64	5.87	6.62	6.69	6.97	6.92
15	6.87	6.78	6.77	6.43	5.67	5.32	5.91	5.83	6.60	6.99	6.95	6.91
20	e6.84	6.77	6.70	e6.35	5.39	5.98	5.92	6.37	6.58	6.94	6.93	6.90
25	e6.81	6.85	6.68	6.30	5.15	6.00	6.10	6.27	6.55	7.00	6.93	....
Eom	6.85	6.80	6.59	6.23	5.05	5.88	6.13	6.32	6.65	7.02	6.93	6.85
1966												
5	+6.88	+6.80	+6.77	+6.67	+6.66	+6.88	e+7.40	+7.63	e+7.49	+7.60	e+7.69	e+7.23
10	6.88	6.80	6.73	6.75	6.67	6.42	e7.40	7.60	e7.68	7.60	e7.57	e7.17
15	6.91	6.82	6.71	6.76	6.65	e7.32	e7.52	7.52	e7.84	7.55	e7.51	e7.07
20	e6.89	6.79	6.70	6.75	6.68	e7.28	e7.59	e7.59	e7.70	7.50	e7.44	e7.04
25	e6.87	6.78	6.68	6.70	6.74	e7.28	e7.66	e7.55	e7.67	e7.58	e7.37	e6.99
Eom	e6.85	6.78	6.70	6.69	6.81	7.39	7.65	e7.52	7.59	e7.62	e7.30	e6.96
1967												
5	+6.95	+6.90	+6.77	+6.52	+5.80	+5.68	+6.51	+6.58	+6.68	+6.83	+7.07	+6.99
10	6.91	6.90	6.70	6.48	5.59	5.56	6.51	6.55	6.61	7.05	7.00	6.96
15	6.91	6.90	6.65	6.35	5.37	6.35	6.46	6.65	6.60	7.04	7.10	6.99
20	6.90	6.87	6.60	6.25	5.23	6.44	6.40	6.63	6.62	7.15	7.09	6.97
25	6.93	6.80	6.59	6.13	5.39	6.43	6.38	6.61	6.62	7.22	7.05	6.94
Eom	6.92	6.74	6.55	5.98	5.07	6.47	6.42	6.57	6.85	7.10	7.03	6.92
1968												
5	+6.90	+6.83	+6.73	+6.56	+6.15	+7.13	+7.41	....	+7.22	+7.50	+7.60	+7.28
10	6.92	6.80	6.70	6.50	....	7.20	7.40	....	7.18	7.45	7.60	7.21
15	6.91	6.78	6.68	6.44	....	7.20	7.35	....	7.25	7.45	7.54	7.17
20	6.90	6.78	6.67	6.35	....	7.35	7.29	....	7.30	7.82	7.47	7.13
25	6.88	6.80	6.63	6.25	....	7.28	7.18	....	7.30	7.73	7.36	7.10
Eom	6.85	6.77	6.60	6.07	6.80	7.31	....	+7.25	7.51	7.66	7.32	7.07

e Estimated.

254530N08046...1. Local number G619. U.S. Geol. Survey. On U.S. Highway 41. 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: 1950-66. Measurement discontinued June 25, 1966.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+7.36	+7.24	+6.76	+6.28	+6.72	+7.77	+7.30	+6.95	+7.46	+7.60	+7.55	+7.52
10	7.31	7.23	6.57	6.15	6.36	7.56	7.37	7.42	7.47	7.58	7.52	7.54
15	7.36	7.09	6.47	5.96	7.24	7.38	7.28	7.52	7.70	7.77	7.55	7.57
20	7.34	6.98	6.86	5.81	7.29	7.26	7.36	7.58	7.52	7.57	7.52	7.56
25	7.29	7.05	6.79	7.14	7.08	7.25	7.37	7.50	7.50	7.55	7.54	7.54
Eom	7.17	6.88	6.52	7.08	7.16	7.36	7.17	7.59	7.57	7.60	7.55	7.56
1965												
5	+7.54	+7.54	+7.54	+7.12	+6.64	+7.31	+7.45	+7.36	+7.59	+7.90	+7.93	+7.77
10	7.52	7.54	7.37	7.00	6.47	7.44	7.38	7.42	7.75	7.88	7.92	7.67
15	7.50	7.47	7.31	7.07	6.55	7.32	7.47	7.41	7.65	7.97	8.11	7.65
20	7.84	7.47	7.25	7.30	6.35	7.40	7.58	7.42	7.67	8.06	8.23	7.64
25	7.57	7.54	7.20	7.00	6.28	7.25	7.59	7.45	7.68	7.93	8.27	7.64
Eom	7.67	7.44	7.25	6.87	7.43	7.24	7.48	7.70	7.68	7.98	8.27	7.64

2545_N08046__1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+7.65	+7.56	+8.12	+8.05	+7.97	+8.10	...	...	...	...	...	...
10	7.59	7.53	8.14	8.14	8.03	8.28	...	...	...	...	...	...
15	7.60	7.75	8.15	8.08	8.02	8.28	...	...	...	...	...	...
20	7.58	7.78	8.12	8.05	8.05	8.34	...	...	...	...	...	...
25	7.58	7.79	8.10	8.02	8.08	8.36	...	...	...	...	...	...
Eom	7.57	7.78	8.07	8.00	8.06	...	...	...	...	...	...	...

253920N0804610.1. Local number G620. U.S. Geol. Survey. 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 1.86 above msl, May 30, 1965. Records available: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+5.65	+5.56	+5.09	+4.40	+5.10	+6.14	+5.53	+5.53	+5.73	+5.73	+6.02	+5.77
10	5.63	5.57	4.83	4.09	4.61	6.14	5.64	5.60	5.62	5.68	5.89	5.72
15	5.65	5.50	4.80	4.12	5.46	5.89	5.56	5.83	5.72	5.91	e5.82	5.70
20	5.65	5.42	5.21	4.01	5.46	5.70	5.60	5.97	5.75	5.96	e5.77	5.65
25	5.62	5.42	4.98	5.07	5.37	5.65	5.68	5.91	5.82	5.90	e5.74	5.60
Eom	5.52	5.32	4.64	5.14	5.62	5.55	5.62	5.83	5.82	6.05	5.67	5.57

1965												
5	+5.52	+4.78	+5.60	+4.54	+3.21	+2.30	+5.66	+5.68	+5.96	+5.74	+6.01	....
10	5.38	4.74	5.59	4.14	2.89	5.07	5.74	5.62	6.17	5.76	5.83	....
15	5.26	4.56	5.57	3.76	2.60	5.03	5.75	5.59	6.00	5.88	5.84	....
20	....	4.42	5.35	3.42	2.34	5.43	5.86	5.67	5.84	5.89	5.73	....
25	....	5.46	5.17	3.20	2.08	5.62	5.97	5.64	5.71	6.00	5.88	....
Eom	4.93	5.46	4.90	3.63	2.36	5.62	5.81	5.95	5.79	5.96	....	+5.64

1966												
5	e+5.70	+5.63	+5.58	+5.78	+5.70	+6.12	+6.72	e+7.24	+7.13	+7.17	+6.94	+6.17
10	e5.68	5.58	e5.52	5.87	5.72	6.35	6.83	e7.23	7.34	7.25	6.90	e6.08
15	e5.71	5.53	e5.88	5.94	5.70	6.30	7.10	e7.22	7.47	7.08	6.70	e6.00
20	e5.70	5.59	e5.85	e5.92	5.95	6.40	e7.12	e7.21	7.36	7.01	6.36	e5.91
25	e5.68	5.70	e5.82	e5.88	e5.95	6.38	e7.10	7.27	7.38	7.22	6.30	e5.83
Eom	e5.66	5.64	5.80	5.83	6.04	6.72	e7.25	7.16	7.11	7.05	6.23	5.75

1967												
5	+5.67	+5.83	+5.46	+5.52	+3.90	....	+5.90	+5.82	+6.06	+6.37	+5.95	+5.83
10	5.63	5.80	5.32	5.59	3.60	....	5.96	5.94	6.24	6.45	5.88	5.74
15	5.61	5.78	5.03	5.37	3.30	....	5.80	6.05	6.11	6.28	5.96	5.80
20	5.67	5.70	4.80	5.00	5.00	....	5.67	5.98	6.19	6.19	6.07	5.79
25	5.80	5.55	4.88	4.68	5.05	....	5.51	5.93	6.10	6.19	6.01	5.70
Eom	5.88	5.51	5.31	4.25	5.05	+5.95	5.55	5.95	6.40	6.06	5.91	5.66

1968												
5	+5.61	+5.45	+4.92	+4.16	+3.00	+6.35	+7.06	+7.35	+7.29	+7.30	+6.91	+6.38
10	5.65	5.35	4.86	3.87	5.68	6.57	7.11	7.36	7.36	7.27	6.94	6.27
15	5.61	5.26	4.93	3.60	5.70	6.37	7.09	7.39	7.42	7.19	6.83	6.19
20	5.59	5.27	4.69	3.33	5.75	6.67	7.12	7.39	7.34	7.30	6.73	6.10
25	5.55	5.30	4.40	3.08	5.80	6.67	7.09	7.38	7.25	7.12	6.62	6.02
Eom	5.50	5.16	4.15	2.86	....	6.92	7.15	7.36	7.39	7.01	6.50	5.96

e Estimated.

255526N0801430.1. Local number S18. Model Dairy. 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: 1939-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.26	+2.03	+1.91	+1.82	+2.58	+2.50	+2.30	+2.03	....	+2.40	+2.32	+2.12
10	2.08	2.02	1.79	1.79	2.13	3.85	2.28	1.97	....	2.65	2.18	2.03
15	2.17	1.90	1.83	1.87	2.18	2.62	2.12	2.00	....	3.55	2.08	2.00
20	2.12	1.97	1.92	1.91	2.15	2.20	2.05	1.98	....	2.45	2.00	2.04
25	2.06	2.02	2.00	1.77	2.00	2.27	2.02	1.98	....	2.13	2.21	2.00
Eom	1.95	2.03	1.96	3.03	2.01	2.04	2.01	....	+2.12	2.62	2.04	1.97

1965												
5	+2.02	+1.98	+2.18	+1.90	+1.75	....	+1.80	+2.28	+1.63	+1.86	+3.41	+1.93
10	2.00	2.18	2.13	1.87	1.69	....	1.75	2.04	3.01	2.00	2.51	1.97
15	1.91	2.10	2.05	1.85	1.71	....	1.75	2.07	2.21	4.48	2.26	1.98
20	1.99	2.08	1.99	1.82	1.64	....	1.88	1.92	2.13	2.88	2.14	1.98
25	1.92	2.50	1.94	1.81	1.60	....	2.55	1.74	2.04	2.58	2.03	1.96
Eom	1.98	2.28	1.95	1.80	....	+1.83	2.46	1.65	2.24	5.66	1.85	1.92

1966												
5	+2.03	+1.98	+2.23	+1.92	+1.79	+2.54	+2.83	+2.10	+2.17	+2.56	+1.96	+1.89
10	2.03	1.94	2.03	3.45	2.02	4.00	2.45	2.20	2.20	2.73	2.01	1.91
15	2.18	1.91	2.52	2.42	2.00	2.68	2.32	2.08	2.17	2.25	1.96	1.90
20	2.05	1.95	2.08	2.13	2.00	2.26	2.11	2.07	2.08	2.08	1.91	1.90
25	1.99	3.03	1.93	2.02	2.49	2.22	2.35	2.35	2.58	2.33	1.97	1.89
Eom	2.00	2.65	1.93	1.95	2.16	3.70	2.17	2.05	2.21	1.98	1.95	1.83

255526N0801430, 1--Continued.

1967											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+1.88	+2.03	+1.90	+1.87	+1.65	+2.10	+2.36	+2.15	+1.83	+3.14	+2.22 +1.90
10	1.80	1.97	2.10	1.83	1.67	2.38	2.25	2.26	1.79	e3.10	2.12 1.91
15	1.87	2.01	1.91	1.75	1.68	3.75	2.58	2.15	1.92	2.72	2.65 2.06
20	2.07	1.93	1.90	1.69	1.76	2.65	2.14	2.00	1.92	2.21	2.36 1.96
25	2.45	2.03	1.94	1.65	1.95	2.44	1.89	1.90	1.75	3.13	2.08 1.93
Eom	2.09	1.9	2.00	1.67	1.74	2.39	1.74	1.78	2.74	2.32	1.93 1.90
1968											
5	+1.99	+2.30	+1.96	+1.81	+1.79	+3.44	+2.56	+2.90	+1.97	+3.21	+2.05 +1.91
10	2.00	2.21	1.95	1.76	1.88	3.18	4.00	3.07	2.01	2.40	2.16 1.93
15	2.00	2.10	1.98	1.74	....	2.94	2.60	3.82	1.98	2.29	2.06 1.86
20	1.99	2.11	2.07	1.68	....	3.30	2.18	2.17	2.17	2.80	2.00
25	1.95	2.30	1.95	1.65	....	2.39	1.98	1.55	2.18	2.44	2.04 1.90
Eom	1.90	2.10	1.85	1.70	1.81	2.58	1.93	2.04	4.50	2.07	1.94 1.86

e Estimated.

254832N0801750.1. Local number S19. City of Miami. 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, 1947; lowest 1.41 below msl, June 18-21, 1945. Records available: 1939-68. Affected by pumping in nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+1.00	+0.27	+0.02	-0.30	+0.28	+0.85	+0.74	-0.05	+1.12	+0.02	e+1.23
10	.61	.37	-.08	.43	.22	3.03	1.15	.05	.72	-.12	e1.12
15	.58	.11	.17	.49	.67	2.48	.61	.11	.20	+1.19	e1.02
20	.47	.08	.21	.29	.57	1.32	.22	.25	1.01	.75	e.92 +1.02
25	.23	.17	.11	.41	.68	.86	+ .06	-.27	.55	.42	e.81 .81
Eom	.19	.12	.18	-.12	.43	.83	-.04	+2.05	.26	1.50	.94 .66
1965											
5	+0.71	+0.18	+0.76	+0.06	-0.18	-0.67	-0.06	+1.30	-0.12	+1.10	.... +0.42
10	.68	1.00	.40	-.12	.36	-.15	.32	.67	+2.03	.87	.... .38
15	.50	.49	.20	.15	.45	+ .15	-.10	.40	1.63	3.33	.... .31
20	.33	.34	.14	.24	.55	.59	+ .94	+2.5	1.43	1.91	.... .23
25	.18	.60	.02	-.37	.59	.53	1.27	....	....	1.50	.... .22
Eom	.26	.45	.07	+ .06	.64	+ .33	1.78	-.06	1.73	....	.... .24
1966											
5	+0.34	+0.28	+0.82	+0.24	-0.28	+1.46	+2.29	+1.35	+0.46	+1.96	+1.22 +0.89
10	.40	+ .07	.40	.40	.18	3.22	1.25	1.32	1.00	2.62	1.30 .75
15	.88	-.09	.33	.28	.28	1.90	1.14	1.04	1.02	2.18	1.00 .70
20	.62	+ .02	.23	.27	-.26	1.59	.82	.76	1.20	1.70	1.58 .67
25	.49	2.32	.09	.15	+ .13	1.90	.78	1.41	2.20	3.10	1.23 .63
Eom	....	1.47	.37	-.11	.60	4.05	1.16	.78	1.74	1.70	1.09
1967											
5	+0.20	+0.57	-0.28	-0.22	-0.42	-0.16	+1.74	+0.34	+0.42	+2.81	+0.80 +0.10
10	.13	.54	.20	.06	.48	+ .05	1.26	1.14	.24	2.62	.58 0
15	.09	.39	.28	.20	.43	2.40	1.56	1.03	.40	2.63	.86 +.31
20	.34	.21	.34	.30	.14	1.93	1.15	.64	.62	1.68	.68 +.17
25	1.26	+ .03	.30	.37	.27	2.13	.57	.45	.74	1.94	.42 -.01
Eom	.88	-.11	.32	.38	.37	1.28	.27	.62	2.17	1.14	.19
1968											
5	....	+0.25	....	-0.32	+0.18	+4.16	+2.45	+1.36	+1.07	+2.24	+1.35 +0.10
10	....	.30	....	.41	1.54	4.09	2.90	1.34	.76	1.66	1.50 -.06
15	....	.32	....	.50	2.26	3.56	1.97	1.70	....	1.55	1.16 .22
20	....	.09	....	.58	3.40	3.88	1.55	1.05	....	2.70	.63 .28
25	+0.45	.22	....	.38	2.90	2.77	1.12	.76	....	1.90	.30 .19
Eom	.39	.16	-0.24	.08	3.41	2.76	.68	1.44	2.40	1.54	.16 .20

e Estimated.

254857N0801711.1. Local number S68. City of Miami. In center of Parkway, 75 ft northeast of Deer Run, Miami Springs. 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: 1940-68. Affected by pumping of nearby wells.

Lowest water level for the day, above and below msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	-0.74	-1.25	-1.83	-2.11	-1.37	-1.22	-0.54	-1.82	....	....	-0.34 -0.85
10	1.12	1.50	1.92	2.19	1.44	+1.87	.74	1.64	....	....	.94 +.21
15	1.13	1.37	2.02	2.20	1.28	+1.72	.92	1.71	....	-.67	.94 -.78
20	1.28	1.73	2.02	2.02	1.20	-.26	1.42	1.90	....	.47	.61 .60
25	1.52	1.67	1.92	2.14	1.23	.72	1.65	1.98	-1.24	-1.20	.44 .84
Eom	1.65	1.76	2.00	2.11	1.23	.78	1.24	....	1.42	+ .59	.40 1.18
1965											
5	-1.20	-1.68	-1.07	-1.90	-2.19	-2.55	-1.82	-0.47	-1.85	-0.64	+0.60 -1.11
10	1.03	1.03	1.38	2.02	2.32	2.21	2.08	.99	+ .76	-1.00	+ .18 1.49
15	1.33	1.36	1.60	2.08	2.33	1.55	1.93	1.17	1.00	+1.60	-.39 1.54
20	1.57	1.47	1.73	2.15	2.43	1.40	1.14	1.39	+ .34	+ .50	.81 1.54
25	1.65	1.32	1.87	2.25	2.50	.87	.53	1.48	-.37	-.08	.90 1.35
Eom	1.75	1.37	1.99	2.03	2.49	1.33	.10	1.81	.06	-.46	1.13 1.54

254857N0801711.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-1.25	-1.28	-0.87	-1.65	-2.11	-0.49	+0.58	+0.04	-1.25	+1.21	....	-1.00
10	1.22	1.70	1.38	1.82	1.99	+1.24	-.40	+0.20	....	1.17	....	1.16
15	.38	1.93	1.42	1.67	2.11	.15	.55	+0.16	....	+0.83	....	.95
20	.49	-1.65	1.52	1.62	2.14	.40	1.08	-.15	....	-.35	....	1.00
25	1.25	+0.23	1.71	1.78	1.52	.81	1.15	.05	+0.77	+1.30	....	.97
Eom	1.28	-.35	1.50	1.93	1.38	2.59	-1.02	.48	.41	....	-0.83	1.61
1967												
5	-1.28	-0.78	-2.15	-1.76	-2.39	-1.76	-0.20	-1.25	-0.94	+0.30	-0.99	-1.75
10	1.50	.54	1.83	2.00	2.46	-1.76	+0.18	-.46	1.65	.85	1.25	1.99
15	1.78	.90	2.16	2.15	2.21	+1.28	+0.14	+0.04	1.16	.70	.83	1.73
20	1.35	1.45	2.25	2.27	2.21	.81	-.25	.50	1.00	+0.01	1.28	1.73
25	.43	1.61	2.22	2.33	2.13	+0.50	1.28	.68	-1.05	-.25	1.51	2.00
Eom	.48	1.90	1.65	2.35	2.36	-.46	1.56	1.36	+0.50	.44	1.73	1.97
1968												
5	-2.04	-1.66	-1.90	....	-1.48	+2.94	....	-0.56	-1.17	+0.60	+0.02	-2.08
10	2.05	1.75	1.98	-2.70	-.15	3.18	....	.60	1.55	-.06	+0.61	2.35
15	1.26	1.85	1.89	2.96	+1.11	2.39	....	.31	.65	-.20	....	2.60
20	1.38	1.54	1.98	3.01	.51	2.40	....	.96	.53	+0.82	....	2.52
25	.85	1.56	....	....	1.06	+1.44	....	1.18	-.65	.48	-1.89	2.46
Eom	1.21	1.95	....	2.21	2.13	....	-1.51	.40	+0.36	.23	2.00	2.56

253549N0802141.1. Local number S182. International Fruit Co. 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: 1940-68.

Highest water level for the day, above and below msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+2.15	+1.76	+1.72	+1.61	+1.70	+2.05	+2.54	+2.35	+2.40	+2.56	+2.80	+2.58
10	2.00	1.79	1.70	1.47	1.76	3.41	2.46	2.43	2.11	2.57	2.63	2.69
15	1.98	1.75	1.69	1.50	1.78	3.00	2.31	2.39	2.78	2.82	2.46	2.45
20	1.93	1.79	1.75	1.48	1.78	2.72	2.48	2.33	2.84	2.47	2.39	2.46
25	1.86	1.83	1.71	1.38	1.80	2.65	2.45	2.27	2.70	2.37	2.44	2.33
Eom	1.78	1.79	1.70	1.78	1.79	2.52	2.32	2.55	2.67	3.01	2.62	2.37
1965												
5	+2.44	+2.44	+2.66	+2.46	+2.17	+1.13	+1.72	+2.20	+2.18	+2.50	+4.45	+2.56
10	2.48	3.01	2.50	2.28	1.98	2.35	1.53	2.27	3.74	2.49	3.42	2.56
15	2.46	2.68	2.30	2.12	1.85	2.31	1.47	2.21	2.43	4.16	3.02	2.55
20	2.46	2.54	2.47	2.07	1.65	2.15	1.81	2.20	2.23	3.78	2.69	2.52
25	2.45	2.46	2.60	2.01	1.46	2.05	2.18	2.22	2.35	3.40	2.43	2.50
Eom	2.39	2.57	2.49	2.20	1.23	1.87	2.20	2.25	2.85	7.20	2.36	2.50
1966												
5	+2.49	+2.53	+2.34	+2.32	+1.64	+3.75	+4.04	+2.71	+2.72	+3.00	+2.75	+2.26
10	2.45	2.53	2.35	1.77	2.10	4.00	3.37	2.73	2.87	2.63	2.68	2.22
15	2.70	2.51	2.56	1.80	2.11	3.48	3.05	2.78	2.97	2.63	2.39	2.20
20	2.45	2.47	2.72	1.81	2.13	4.62	2.86	2.80	2.99	2.46	2.30	2.13
25	2.59	2.41	2.60	1.71	2.25	3.40	2.79	2.73	2.77	3.55	2.34	2.17
Eom	2.59	2.58	2.35	1.67	3.28	4.16	2.72	2.78	2.74	2.95	2.30	2.12
1967												
5	+2.10	+2.07	+1.68	+2.28	+1.62	+1.20	+3.54	+2.50	+2.42	+3.66	+2.55	+2.00
10	1.97	1.86	1.85	2.25	1.45	1.37	3.15	2.53	2.41	4.87	2.44	2.03
15	2.00	1.83	1.85	2.14	1.29	3.05	2.85	2.48	2.44	4.45	2.34	2.01
20	2.00	1.73	1.80	2.00	1.48	3.16	2.85	2.47	2.43	4.00	2.18	1.90
25	2.16	1.75	1.74	1.84	1.48	3.11	2.63	2.46	2.35	3.55	2.12	1.80
Eom	2.15	1.73	2.17	1.55	1.22	2.95	2.49	2.39	2.80	2.94	2.08	1.75
1968												
5	+1.70	+1.67	+1.55	+1.50	+1.27	+4.35	+3.63	+2.52	+3.20	+3.90	+2.64	+2.21
10	1.66	1.60	1.49	1.43	2.04	4.09	3.63	2.82	3.03	3.67	2.45	2.15
15	1.65	1.59	1.48	1.41	3.05	3.55	2.98	3.00	3.09	e3.48	2.27	2.17
20	1.75	1.55	1.55	1.39	2.85	3.93	2.90	2.78	2.97	e3.33	2.15	2.15
25	1.74	1.56	1.55	1.30	3.15	3.00	2.77	2.90	2.94	e3.16	2.08	2.15
Eom	1.70	1.60	1.54	1.30	3.35	4.15	2.40	3.33	4.16	2.85	1.98	2.06

e Estimated.

253029N0802956.1. Local number S196A. University of Florida Experiment Station. 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: 1932-68. This well replaced well S196.

Highest water level for the day, above and below msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+3.26	+1.96	+1.79	+0.95	+2.35	+2.20	+3.12	....	+4.23	+4.31	+5.53	+3.40
10	3.14	2.05	1.56	.71	2.14	e4.83	3.65	....	4.03	3.97	4.42	3.27
15	3.02	1.94	1.38	.72	1.82	e4.45	3.70	....	e4.08	4.87	3.91	3.06
20	2.90	1.82	1.55	.71	1.65	e4.06	3.98	+4.30	e4.35	4.39	3.56	2.92
25	2.75	2.05	1.34	.57	1.82	e3.69	3.75	....	e4.71	3.82	3.47	2.83
Eom	2.12	2.01	1.10	1.09	1.81	3.35	e3.44	4.58	4.45	5.90	3.65	2.87

253029N0802956.1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+2.69	+2.08	+2.28	+1.49	+0.32	-0.72	+0.77	+1.85	+2.05	+4.04	+5.48 +3.14
10	2.50	2.04	2.24	1.25	+ .15	-.15	.52	1.75	4.76	3.85	4.83 2.88
15	2.34	1.91	2.09	1.01	-.04	+ .40	.92	1.76	....	5.70	4.38 2.66
20	2.16	1.81	1.89	.78	.23	.57	1.31	1.83	....	5.84	3.90 2.43
25	2.04	2.15	1.98	.56	.43	.72	1.72	1.82	....	5.65	3.66 2.25
Eom	2.03	2.25	1.75	.45	.62	.85	1.83	1.76	4.44	5.18	3.40 2.10
1966											
5	+2.01	+2.59	+2.00	+1.64	+1.20	+4.50	+6.00	+4.55	+3.70	+4.32	+3.70 +2.64
10	2.08	2.38	1.89	1.65	1.31	6.73	6.43	4.55	3.59	4.26	3.52 2.50
15	2.76	2.21	1.91	1.95	1.29	5.67	5.78	4.58	4.32	3.95	3.35 2.45
20	2.65	2.04	1.90	1.84	1.19	6.18	5.09	4.22	4.26	3.64	3.17 2.35
25	2.47	2.15	1.80	1.56	1.64	5.78	4.95	4.02	4.31	4.34	2.98 2.17
Eom	2.53	2.14	1.82	1.33	2.84	6.27	4.63	3.80	4.56	4.00	2.82 2.05
1967											
5	+1.95	+2.13	+1.55	+1.26	+0.15	-0.14	+5.18	+2.92	+3.15	+3.87	e+3.22 e+2.32
10	1.84	2.09	2.03	1.07	-.06	+ .50	4.35	3.22	2.95	4.69	e3.09 2.11
15	1.65	2.01	1.99	.85	.28	4.03	3.72	3.40	2.63	4.34	e3.26 2.23
20	2.00	1.80	1.72	.60	.15	4.98	3.40	3.25	2.70	3.85	e3.02 2.14
25	2.35	1.73	1.45	.39	.03	4.73	2.96	2.90	2.79	3.70	e2.82 1.99
Eom	2.31	1.67	1.29	.34	.18	4.35	2.54	2.80	4.05	3.43	2.52 1.58
1968											
5	+1.77	+1.48	+1.42	+0.79	-0.13	+5.75	+5.52	+3.48	+3.37	+4.84	+3.72 +2.58
10	1.65	1.33	1.29	.60	+1.78	5.68	5.07	3.59	3.66	4.30	3.48 2.45
15	1.80	1.22	1.17	.41	3.43	5.20	4.76	3.85	4.26	4.22	3.35 2.33
20	1.76	1.21	1.24	.20	3.61	6.95	4.35	3.42	3.90	+5.31	3.14 2.21
25	1.67	1.32	1.12	+.02	4.35	4.74	3.82	3.28	3.91	-4.39	3.92 2.10
Eom	1.58	1.55	.95	-.05	5.16	5.30	3.26	3.35	5.60	+3.93	2.74 2.00

e Estimated.

Dixie County

293731N0830618.1. Local number 15. Cross City. 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: 1957-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1964	8.43	July 6, 1964	6.17	Jan. 3, 1966	4.61	May 1, 1967	6.03
Mar. 2	4.95	Jan. 4, 1965	4.10	May 2	4.76	Jan. 5, 1968	6.25
May 4	5.00	May 3	4.87	Jan. 10, 1967	4.37	May 1	7.80

Duval County

301924N0814003.1. Local number 12. Florida Publishing Co. McCoy St. and Riverside Ave., Jacksonville. 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, 1946-66. No measurement made in 1965. Measurement discontinued. Jan. 8, 1964, +23.6; Mar. 5, +24.6; May 12, +22.0; July 8, +19.8; Jan. 5, 1966, +26.0; May 6, +22.8.

301844N0814038.1. Local number 18. C. J. Price. Riverside Ave. and Lomax St., Jacksonville. Drilled domestic artesian well in Floridan aquifer, diam 8 in, depth unknown. 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, 1946-68.

Jan. 8, 1964	+29.9	May 6, 1966	+29.0	Feb. 19, 1968	+27.7	July 13, 1968	+21.1
Mar. 5	31.1	Jan. 5, 1967	30.3	Mar. 21	24.9	Aug. 20	21.9
May 12	28.1	May 5	22.4	Apr. 17	21.9	Sept. 19	23.8
July 8	26.7	Nov. 20	26.0	May 10	23.2	Oct. 29	25.4
Jan. 7, 1965	33.3	Dec. 19	28.3	20	22.8	Nov. 20	26.2
May 7	26.1	Jan. 10, 1968	+28.4	June 20	23.7	Dec. 13	26.6
Jan. 5, 1966	32.1	19	27.3				

301906N0813325.1. Local number 102. V. A. Stevens. 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 22.09 below lsd, May 8, 1967. Records available: 1930-31, 1934, 1939-42, 1946-68.

Jan. 7, 1964	14.14	July 8, 1964	15.39	Jan. 5, 1966	11.20	May 8, 1967	22.09
Mar. 4	13.31	Jan. 6, 1965	11.16	May 5	13.66	Jan. 10, 1968	17.12
May 7	12.90	May 10	17.56	Jan. 5, 1967	16.08	May 9	19.18

301617N0814216.1. Local number 115. City of Jacksonville. Oxford Ave. and Baltic St., Ortega. Drilled unused artesian well in Floridan aquifer, diam 8 in, reported depth 729 ft, cased to 476. Lsd 16.15 ft (previously reported 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, 1944-68.

301617n0814216.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1964	+19.6	May 7, 1965	+17.6	Sept. 8, 1966	+19.9	Nov. 8, 1967	+18.8
Mar. 5	20.6	July 7	20.0	Nov. 4	20.7	Jan. 10, 1968	19.4
May 12	19.8	Sept. 8	21.2	Jan. 5, 1967	21.4	Mar. 6	18.5
July 8	17.8	Nov. 3	21.8	Mar. 9	20.9	May 10	14.7
Sept. 16	22.8	Jan. 5, 1966	22.7	May 5	14.5	July 10	16.6
Nov. 3	23.8	Mar. 9	22.8	July 10	18.6	Sept. 10	17.6
Jan. 7, 1965	23.6	May 6	20.1	Sept. 8	19.5	Nov. 6	18.2
Mar. 2	24.0	July 14	19.1				

301833N0814318.1. Local number 118. City of Jacksonville. Post and Dancy Sts., Jacksonville. 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: 1939-68.

Jan. 8, 1964	+18.2	July 8, 1964	+17.8	Jan. 5, 1966	+20.6	May 5, 1967	+15.2
Mar. 5	19.4	Jan. 7, 1965	21.8	May 6	19.0	Jan. 10, 1968	17.4
May 12	19.8	May 7	19.0	Jan. 4, 1967	19.1	May 10	12.4

302304N0813832.1. Local number 122. City of Jacksonville. Russell and 63d Sts., Jacksonville. 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 23.6 above lsd, May 11, 1968. Records available: 1930, 1938, 1940-42, 1944-68.

Jan. 7, 1964	+28.8	Feb. 17, 1965	+32.0	May 18, 1966	+28.8	Oct. 19, 1967	+27.8
29	27.9	Mar. 2	32.5	June 29	28.7	Nov. 20	26.5
Feb. 13	28.9	17	32.2	Aug. 19	29.2	Dec. 19	27.4
Mar. 4	29.7	Apr. 19	31.2	Sept. 23	29.5	Jan. 10, 1968	27.4
24	28.8	May 10	29.5	Oct. 24	29.4	19	27.1
Apr. 20	30.5	17	29.4	Nov. 22	28.9	Feb. 19	25.2
May 12	30.5	June 22	27.9	Dec. 19	28.9	Mar. 21	26.1
18	30.6	July 19	29.2	Jan. 5, 1967	29.5	Apr. 17	24.5
June 18	28.5	Sept. 20	29.4	20	29.3	May 11	23.6
July 8	28.9	Oct. 18	29.9	Feb. 20	29.2	20	24.1
15	29.1	Nov. 19	30.0	Mar. 20	28.6	June 20	24.9
Sept. 16	31.3	Dec. 23	28.8	Apr. 20	26.2	July 19	25.0
Oct. 19	32.3	Jan. 5, 1966	30.7	May 8	26.2	Aug. 20	24.5
Nov. 3	32.5	21	28.9	15	24.7	Sept. 18	25.5
17	32.3	Mar. 9	30.4	June 22	25.7	Oct. 29	26.0
Dec. 18	31.7	21	29.6	July 19	26.8	Nov. 20	26.4
Jan. 6, 1965	32.5	Apr. 20	28.3	Aug. 23	27.1	Dec. 19	26.4
19	31.8	May 9	30.2	Sept. 19	27.7		

301950N0814252.1. Local number 123. City of Jacksonville. Beaver and Huron Sts., Jacksonville. 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 above lsd, Aug. 13, 1930; lowest 14.1 above lsd, May 10, 1968. Records available: 1930-31, 1938-68.

Jan. 8, 1964	+21.5	July 8, 1964	+21.3	Jan. 5, 1966	+23.3	May 5, 1967	+17.9
Mar. 4	21.9	Jan. 6, 1965	24.9	May 6	22.1	Jan. 10, 1968	19.0
May 12	23.1	May 7	22.5	Jan. 5, 1967	22.2	May 10	14.1

301551N0814157.1. Local number 129. K. A. Merrill. Ortega Blvd. and 1st St., Ortega. 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, 1944-68.

Jan. 8, 1964	+25.8	Jan. 7, 1965	+30.2	Jan. 5, 1967	+28.5	July 10, 1968	+23.7
Mar. 5	27.0	May 7	24.0	May 5	20.6	Sept. 10	24.6
May 12	26.6	Jan. 5, 1966	29.6	Jan. 10, 1968	26.6	Nov. 6	25.2
July 8	24.8	May 6	26.4	May 10	21.5		

302801N0813751.1. Local number 145. Duval County School Board. Oceanway School. Drilled public-supply artesian well in Floridan aquifer, diam 2 in, depth unknown. 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 2.98 above lsd, May 10, 1968. Records available: 1940-42, 1944-68.

Jan. 7, 1964	+8.2	July 8, 1964	+8.5	Jan. 5, 1966	+9.8	May 8, 1967	+5.56
Mar. 4	8.7	Jan. 6, 1965	11.5	May 9	9.3	Jan. 10, 1968	6.8
May 12	9.7	May 10	8.7	Jan. 4, 1967	9.3	May 10	2.98

302441N0813649.1. Local number 149. Mrs. W. M. Bostwick. Drummond Creek, 1.2 mi southwest of Eastport. 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 5.95 above lsd, May 8, 1967. Records available: 1940-41, 1944-68.

Jan. 7, 1964	+11.8	July 8, 1964	+11.0	Jan. 5, 1966	+12.6	May 8, 1967	+5.95
Mar. 4	12.8	Jan. 6, 1965	14.2	May 9	12.1	Jan. 10, 1968	9.0
May 13	11.6	May 10	11.2	Jan. 5, 1967	10.4	May 11	6.51

301401N0813540.1. Local number 154. J. M. Shield. 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 10.3 above lsd, May 9, 1968. Records available: 1940-42, 1944, 1946-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	+15.9	Sept. 16, 1964	+18.3	Jan. 5, 1966	+18.4	May 4, 1967	+11.8
Mar. 4	17.5	Jan. 6, 1965	18.7	May 5	15.3	Jan. 10, 1968	15.2
May 7	17.5	May 7	14.1	Jan. 5, 1967	16.9	May 9	10.3
July 8	15.1						

301852N0812342.1. Local number 160. City of Neptune Beach. Florida Ave. and 1st St., Neptune Beach. 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 19.7 above lsd, May 8, 1967. Records available: 1934, 1939-42, 1944-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	+28.0	May 10, 1965	+23.1	Sept. 8, 1966	+26.2	Nov. 8, 1967	+25.4
Mar. 4	28.3	July 7	25.3	Nov. 3	27.2	Jan. 10, 1968	25.3
May 7	28.9	Sept. 8	25.7	Jan. 5, 1967	26.5	Mar. 6	26.0
July 8	25.9	Nov. 3	27.9	Mar. 8	26.1	May 9	21.3
Sept. 16	30.1	Jan. 5, 1966	27.9	May 8	19.7	July 10	22.5
Nov. 3	28.9	Mar. 9	28.2	July 10	22.6	Sept. 11	24.6
Jan. 6, 1965	28.5	May 5	24.5	Sept. 7	24.9	Nov. 6	26.0
Mar. 2	28.9	July 14	25.1				

302538N0812531.1. Local number 164. Clay County Development Co. Fort George Island. 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 above lsd, Aug. 19, 1930; lowest 23.7 above lsd, May 9, 1968. Records available: 1930-31, 1940-41, 1944-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	+30.0	July 8, 1964	+29.9	Jan. 6, 1966	+31.8	May 8, 1967	+26.3
Mar. 4	30.3	Jan. 6, 1965	32.5	May 9	29.4	Jan. 10, 1968	28.6
May 13	30.5	May 10	28.9	Jan. 4, 1967	31.1	May 9	23.7

301502N0814546.1. Local number 206. George Mazer. 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, May 5, 1967, May 10, 1968. Records available: 1941-42, 1948-68. Recording gage removed Mar. 2, 1965. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	16.25	15.07	14.59	13.05	12.95	14.26	14.75	14.25	13.41	11.99	11.66	11.61
10	16.10	15.28	14.48	12.97	13.15	14.01	15.15	14.09	12.26	12.00	11.70	11.90
15	16.45	15.00	14.74	13.09	13.31	14.76	15.07	14.05	.....	11.42	11.97	11.88
20	16.02	14.98	14.67	13.39	13.60	15.47	14.78	13.81	12.74	11.66	11.69	11.84
25	15.89	14.63	14.73	13.65	13.91	15.59	14.67	13.80	12.74	11.82	11.51	11.50
Eom	15.67	14.88	13.50	13.15	14.21	15.24	14.52	13.38	12.42	11.80	11.53	11.54

1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.44	11.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	11.29	11.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	11.28	11.66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	11.63	11.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	11.55	11.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	11.37	11.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 7, 1965	13.62	Nov. 3, 1965	13.60	May 6, 1966	14.23	Jan. 10, 1968	16.63
July 7	14.53	Jan. 5, 1966	13.18	Jan. 5, 1967	14.28	May 10	(k)
Sept. 8	13.57	Mar. 9	12.98	May 5	(k)		

k Water level below obstruction in well.

Escambia County

303625N0871920.1. Local number 45. U.S. Geol. Survey. Cantonment. Drilled observation artesian well in sand, diam 4 in, reported depth 152 ft, cased to 129, screened 129-152. Lsd 135.00 ft above msl. MP top of 4-in flange, 3.00 ft above lsd (since Oct. 27, 1964). Highest water level 69.30 below lsd, May 3, 1941; lowest 112.02 below lsd, Feb. 29, 1956. Records available: 1940-68. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	103.42	103.06	103.51	103.82	104.08	.....	104.18	104.21	.....	104.12	104.55	.....
10	103.63	103.76	103.47	104.07	103.98	.....	104.22	.....	.....	104.46	104.45	104.54
15	103.56	103.34	103.67	104.11	104.10	.....	104.41	.....	104.44	104.17	104.63	104.46
20	103.27	103.76	103.53	104.02	104.11	104.2	104.31	.....	104.40	104.54	.....	104.45
25	103.34	103.40	103.64	103.67	104.07	104.16	104.12	.....	104.52	104.48	.....	.....
Eom	103.54	103.99	104.07	103.79	.....	104.32	104.38	.....	104.33	.....	.....	.....

303625N0871920.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	104.27	103.96	103.43	103.75	103.59	h103.48	h103.42	103.41	103.34	103.32	103.42	102.54
10	103.95	.....	103.79	103.46	103.58	.....	103.34	103.31	103.12	103.26	103.18	102.58
15	103.81	.....	103.75	.....	h103.62	.....	103.30	103.35	103.20	103.38	103.24	102.10
20	104.08	.....	103.83	103.52	.....	h103.45	103.20	103.21	103.45	103.22	102.96	101.99
25	103.85	.....	103.67	103.44	.....	.....	103.28	103.29	103.23	103.54	102.80	102.03
Eom	103.84	.....	.....	.....	.....	.....	103.29	103.37	103.11	103.47	102.86	102.05
1966												
5	101.56	102.46	102.32	102.51	103.01	.....	102.90	102.88	102.84	102.62	102.15	101.46
10	101.83	102.09	e102.8	102.65	102.70	102.65	102.93	103.02	102.97	102.45	101.69	101.17
15	100.91	102.27	e102.3	102.83	102.85	102.91	102.86	103.06	102.82	102.38	101.91	101.52
20	101.59	102.53	e102.7	102.75	102.83	102.92	102.82	103.07	102.84	102.43	101.70	e101.1
25	101.67	102.43	102.72	102.86	102.73	102.99	103.00	102.95	.....	102.13	101.48	101.45
Eom	102.14	e102.0	102.30	102.90	.....	102.81	102.81	e102.9	102.72	101.81	101.46	e101.1
1967												
5	101.53	101.06	101.22	.....	101.35	101.23	101.77	102.12	102.54	102.67	102.96	102.85
10	101.66	101.09	101.69	.....	101.28	101.28	101.74	102.13	102.33	102.56	102.89	102.12
15	101.37	e101.3	101.68	.....	101.24	101.24	101.67	102.34	102.41	102.87	102.64	102.57
20	101.59	101.10	101.67	.....	101.49	101.50	102.04	102.30	102.46	102.88	102.85	102.71
25	101.32	101.78	101.59	.....	101.42	101.82	102.11	102.39	102.49	102.66	102.48	102.66
Eom	101.28	101.40	101.61	.....	101.14	101.69	e102.1	102.47	102.68	102.60	102.82	102.51
1968												
5	102.88	102.89	103.17	e102.9	102.48	102.46	102.88	103.24	103.42	103.53	103.16	103.29
10	102.54	102.70	102.88	102.89	102.72	102.60	102.78	103.20	103.36	103.48	103.05	103.61
15	102.45	103.09	103.54	102.68	102.63	102.70	103.13	103.40	103.48	103.39	103.20	103.41
20	102.82	102.84	103.26	e102.7	102.69	102.79	103.14	103.32	103.48	103.40	103.54	103.14
25	102.36	103.34	103.21	102.75	102.61	102.83	103.17	103.31	103.45	103.32	103.32	103.35
Eom	102.91	e102.7	e103.1	102.64	102.67	103.05	103.13	103.29	103.73	103.46	103.24	103.22

e Estimated.

h Tape measurement.

303120N0871630.1. Local number 46. U.S. Geol. Survey. Ensley. 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. Records available: 1939-1968.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1964	73.05	Nov. 23, 1964	66.32	Oct. 11, 1965	72.57	Sept. 7, 1966	75.04
13	73.11	30	67.00	18	72.57	12	75.04
19	72.70	Dec. 7	67.30	25	72.65	19	75.10
27	72.62	14	67.46	Nov. 1	72.52	26	75.33
Feb. 3	72.34	21	67.63	8	72.36	Oct. 3	75.41
10	72.12	28	67.70	15	72.49	10	75.36
17	71.92	Jan. 4, 1965	67.88	22	72.54	17	75.54
24	71.84	11	67.97	29	72.51	24	75.68
Mar. 2	71.10	18	68.33	Dec. 6	72.59	31	75.74
9	70.99	25	68.21	13	72.47	Nov. 7	75.92
16	71.15	Feb. 1	68.42	20	72.42	14	76.06
23	70.90	8	68.69	27	73.02	21	76.42
30	70.92	15	68.72	Jan. 3, 1966	73.03	28	76.25
Apr. 6	70.37	22	67.69	10	73.22	Dec. 5	76.53
13	70.26	Mar. 3	68.62	17	73.39	12	76.57
20	70.05	8	68.89	24	73.31	19	76.54
27	69.11	15	68.80	31	73.74	27	76.86
May 4	69.48	22	69.09	Feb. 7	73.73	Jan. 3, 1967	76.68
11	67.78	29	68.83	14	73.65	9	77.01
18	67.56	Apr. 5	68.91	21	73.84	16	77.08
25	67.22	12	68.97	28	73.34	23	77.14
June 1	66.99	19	69.07	Mar. 7	73.86	30	77.13
8	67.70	26	69.09	15	73.25	Feb. 7	77.05
15	67.07	May 3	69.43	21	73.24	13	77.28
20	67.19	10	69.56	28	73.10	20	76.85
30	67.83	17	69.90	Apr. 4	72.82	27	77.18
July 6	67.10	24	70.09	11	73.08	Mar. 6	76.79
13	67.36	31	70.24	18	73.17	13	77.09
20	67.39	June 8	70.37	25	73.11	20	77.25
27	67.38	16	70.40	May 2	73.22	27	77.04
Aug. 3	67.46	21	70.59	9	72.90	Apr. 3	77.28
10	67.16	28	70.89	16	73.38	10	77.32
17	67.13	July 6	70.99	23	73.12	17	77.23
24	67.01	12	71.08	30	73.27	24	77.39
31	66.76	19	71.21	June 6	73.53	May 1	77.43
Sept. 7	65.60	26	71.52	13	73.75	8	77.35
14	66.52	Aug. 2	71.49	20	73.72	15	77.53
21	66.55	9	71.60	27	73.81	22	77.35
28	66.52	16	71.87	July 5	73.96	29	77.66
Oct. 5	66.41	23	71.64	11	74.12	June 5	77.75
12	66.60	30	72.18	18	74.16	12	77.80
19	66.44	Sept. 7	72.32	25	74.20	19	77.92
26	66.53	13	72.43	Aug. 1	74.41	26	77.99
Nov. 2	66.55	20	72.53	15	74.62	July 3	77.98
9	66.69	27	72.49	22	74.70	10	78.12
16	66.87	Oct. 4	72.57	29	74.82	17	78.18

303120N0871630.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 24, 1967	78.20	Dec. 4, 1967	76.83	Apr. 15, 1968	77.39	Aug. 26, 1968	78.79
31	78.24	11	76.31	22	77.51	3	79.13
Aug. 7	78.23	18	76.62	29	77.57	9	79.02
14	78.34	26	76.72	6	77.78	16	78.99
21	78.17	Jan. 3, 1968	76.84	13	77.90	23	79.21
28	78.27	8	77.09	20	77.96	30	79.37
Sept. 7	77.93	15	76.75	27	77.82	Oct. 7	79.18
11	77.92	22	76.84	June 3	78.07	14	79.43
18	77.58	29	77.04	10	78.25	21	79.51
25	77.40	Feb. 5	76.94	17	78.36	28	79.53
Oct. 2	77.34	12	76.96	24	78.41	Nov. 4	79.44
9	76.92	19	76.98	July 1	78.48	11	79.47
16	77.05	26	77.01	8	78.39	18	79.63
23	77.05	Mar. 4	77.29	15	78.64	25	79.92
30	76.81	11	76.91	22	78.64	Dec. 2	79.88
Nov. 6	77.03	18	77.30	29	78.62	9	80.26
13	76.81	25	77.37	Aug. 5	78.81	16	80.09
20	76.79	Apr. 1	77.34	12	78.59	23	80.10
27	76.86	8	77.40	19	78.79	30	80.16

302440N0871520.1. Local number 62. U.S. Geol. Survey. Pensacola. Drilled observation artesian well in sand, diam 6 in, depth 142 ft, cased to 142. Lsd 13.95 ft above msl. MP top of flange cover, 1.45 ft above lsd (since Oct. 27, 1964). Highest water level 6.05 below lsd, Mar. 30, 1949; lowest 24.73 below lsd, July 31, 1955. Records available: 1940-68. Recording gage removed Oct. 27, 1964.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.85	10.89	.....	.....	.....	13.20	.....	.....	.....	.....	.....	h11.17
10	10.85	.....	.....	11.00	13.53	.....	.....	.....	.....	h10.78	.....
15	10.88	.....	.....	11.35	e14.5	.....	.....	h10.65	.....	.....	.....
20	10.67	.....	.....	11.70	h14.82	h12.20	h11.23	.....	.....	.....	.....
25	10.91	.....	h9.41	11.98	.....	.....	.....	.....	.....	.....	.....
Eom	10.88	.....	.....	13.06	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 9, 1964	10.78	Dec. 6, 1965	10.85	Jan. 3, 1967	11.67	Jan. 2, 1968	11.36
Dec. 7	11.17	Jan. 3, 1966	10.57	Feb. 7	11.44	Feb. 5	11.02
Jan. 4, 1965	10.76	Feb. 7	11.28	Mar. 6	11.27	Mar. 4	11.40
Feb. 1	11.51	Mar. 7	10.73	Apr. 3	11.85	Apr. 1	11.78
Mar. 3	10.56	Apr. 4	10.42	May 1	12.44	May 6	12.88
Apr. 5	11.98	May 2	11.30	June 5	12.59	June 3	12.92
May 3	13.24	June 6	12.10	July 3	12.97	July 1	14.25
June 8	13.00	July 5	12.29	Aug. 7	12.78	Aug. 5	14.56
July 6	12.33	Aug. 1	13.07	Sept. 7	11.53	Sept. 3	14.32
Aug. 2	12.94	Sept. 7	13.33	Oct. 2	11.48	Oct. 7	13.55
Sept. 7	11.52	Oct. 3	12.38	Nov. 6	11.49	Nov. 4	14.33
Oct. 4	10.80	Nov. 7	11.58	Dec. 4	11.18	Dec. 2	13.95
Nov. 1	10.95	Dec. 5	12.12				

302440N0871520.2. Local number 62A. U.S. Geol. Survey. Pensacola. 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 7.47 below lsd, Sept. 7, 1967; lowest 13.19 below lsd, Jan. 10, 1955. Records available: 1940-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1964	11.59	Apr. 5, 1965	12.00	July 5, 1966	11.94	Oct. 2, 1967	10.22
Feb. 3	10.64	May 3	12.14	Aug. 1	12.06	Nov. 6	10.50
Mar. 2	10.67	June 8	11.16	Sept. 7	11.68	Dec. 4	11.45
30	10.98	July 6	11.21	Oct. 3	11.71	Jan. 2, 1968	11.61
Apr. 27	9.82	Aug. 2	11.52	Nov. 7	12.04	Feb. 5	12.09
May 25	8.66	Sept. 7	9.97	Dec. 5	12.16	Mar. 4	12.52
June 20	11.47	Oct. 4	9.62	Jan. 3, 1967	11.55	Apr. 1	12.45
July 20	11.69	Nov. 1	10.70	Feb. 7	11.31	May 6	12.48
Aug. 17	10.32	Dec. 6	11.51	Mar. 6	11.66	June 3	12.60
Sept. 14	10.95	Jan. 3, 1966	11.72	Apr. 3	11.97	July 1	12.42
Oct. 12	11.06	Feb. 7	11.66	May 1	12.12	Aug. 5	12.37
Nov. 9	11.66	Mar. 7	10.01	June 5	11.60	Sept. 3	12.18
Dec. 7	11.92	Apr. 4	11.31	July 3	11.82	Oct. 7	12.01
Jan. 4, 1965	10.14	May 2	11.38	Aug. 7	11.37	Nov. 4	12.45
Feb. 1	11.87	June 6	11.81	Sept. 7	7.47	Dec. 2	12.51
Mar. 3	11.43						

303610N0871650.1. Local number 74. Chemstrand Corp. 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. Highest water level 73.97 below lsd; lowest 93.95 below lsd, Dec. 8, 22, 23, 27, 1968. Records available: 1951-68. Affected by pumping of nearby wells.

303610N0871650.1--Continued.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	89.27	88.50	87.67	87.90	86.66	87.03	87.70	87.80	88.00	87.64	88.50	88.84
10	88.84	88.67	87.41	88.03	86.53	87.39	87.74	87.80	88.06	88.00	88.51	88.88
15	88.84	88.43	87.60	87.80	86.86	87.71	88.00	87.71	88.19	88.00	88.50	88.75
20	88.74	88.23	87.62	87.80	87.10	87.72	87.76	87.72	88.16	88.00	88.65	88.73
25	88.47	87.97	87.89	87.53	87.24	87.89	87.60	87.85	88.07	88.28	88.55	88.24
Eom	88.65	87.80	88.06	87.14	86.97	87.70	87.88	87.89	88.34	88.25	88.60	88.19

1965

5	88.07	88.44	88.00	87.94	89.10	90.20	89.83	90.31	90.44	89.69	89.97	90.02
10	88.28	88.35	88.03	88.20	89.18	89.96	89.90	90.34	90.17	89.49	89.94	90.07
15	88.38	88.33	87.99	88.34	89.60	89.72	90.05	90.22	90.00	89.59	89.78	89.95
20	88.76	88.42	88.00	88.54	89.90	89.80	90.34	90.20	89.97	90.04	89.77	89.73
25	88.47	88.25	87.78	88.69	90.12	89.90	90.28	90.30	89.96	90.10	89.83	89.80
Eom	87.87	88.30	88.04	88.90	90.20	89.80	90.31	90.56	89.78	90.04	89.95	89.65

1966

5	89.86	91.00	89.20	89.81	90.40	90.50	90.76	90.47	91.00	90.75	91.24	91.06
10	90.29	90.60	89.10	90.10	90.20	90.54	90.71	90.90	90.71	90.55	90.26	90.23
15	89.73	90.48	89.09	90.00	90.49	90.55	90.58	90.95	90.53	90.77	90.97	90.64
20	90.04	90.04	89.84	89.86	90.36	90.49	91.00	90.86	90.71	90.81	90.94	90.23
25	90.10	89.55	89.83	90.01	90.27	90.21	90.90	91.05	90.69	90.30	90.93	90.17
Eom	90.79	89.38	89.72	90.48	90.29	90.60	90.72	90.71	90.74	90.93	90.93	90.12

1967

5	90.05	90.66	91.00	91.31	91.23	90.29	91.49	91.62	.....	91.85	91.45	91.69
10	89.94	90.74	90.91	91.33	91.13	91.02	91.63	91.41	91.10	91.60	91.50	91.52
15	90.14	90.36	91.23	91.30	91.34	91.40	91.70	91.57	90.83	91.86	91.50	92.00
20	90.36	90.22	91.18	91.23	91.63	91.50	91.68	e91.5	91.41	91.42	91.62	92.05
25	90.53	90.60	91.21	91.32	91.50	91.59	91.80	.....	91.52	91.19	91.48	91.81
Eom	90.57	90.72	91.02	91.18	90.92	91.60	92.03	.....	91.70	91.29	91.65	91.48

1968

5	91.10	91.55	91.90	92.09	92.27	.....	92.45	92.89	93.37	93.39	92.93	93.35
10	91.17	91.90	91.82	92.14	.....	.....	92.51	93.17	93.62	93.10	93.02	93.64
15	91.53	91.87	92.04	92.03	.....	.....	92.66	93.28	93.70	93.17	93.10	93.83
20	91.65	91.77	92.32	92.18	.....	.....	92.88	.....	92.99	93.29	93.22	93.80
25	91.34	91.74	92.53	92.33	.....	.....	92.54	.....	93.60	93.36	93.22	93.80
Eom	91.55	91.75	92.68	92.23	.....	.....	92.20	.....	93.11	93.45	93.39	92.98

e Estimated.

Flagler County

292750N0811520.1. Local number 14. W. E. Kudrna. Bunnell. Drilled unused artesian well in Floridan aquifer, diam 6 to 4 in, depth 417 ft. Lsd 21.0 ft above msl. MP top of 6-in coupling, at lsd. Highest water level 2.7 below lsd, September 1947; lowest 10.41 below lsd, May 1, 1968. Records available: 1936-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	5.40	May 5, 1965	7.20	Sept. 7, 1966	5.36	Nov. 8, 1967	6.24
Mar. 6	5.10	July 8	6.75	Nov. 3	4.97	Jan. 9, 1968	7.06
May 6	6.62	Sept. 9	5.65	Jan. 6, 1967	6.01	Mar. 6	7.37
July 10	6.51	Nov. 4	5.30	Mar. 8	6.04	May 1	10.41
Sept. 17	4.69	Jan. 10, 1966	5.27	May 4	9.10	July 8	6.72
Nov. 4	4.51	Mar. 10	5.01	July 11	7.27	Sept. 19	5.87
Jan. 8, 1965	4.91	May 4	8.27	Sept. 7	5.52	Nov. 5	5.45
Mar. 3	4.95	July 14	5.31				

Gulf County

294857N0851808.1. Local number 30. Apalachicola Northern RR. Port St. Joe. Drilled unused artesian well in Floridan aquifer, diam 8 to 6 in, depth 522 ft, cased to 475. Lsd 10.73 ft above msl. MP top of 6-in 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: 1946-68. Recording gage removed May 4, 1964.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.62	.....	7.14	7.20	h7.82	.....	.....	.....	.....	.....	.....	.....
10	7.20	.....	7.12	7.48	.....	.....	h9.00	.....	.....	.....	.....	.....
15	7.59	.....	7.29	7.41	.....	.....	.....	.....	.....	.....	.....	.....
20	7.45	.....	6.85	7.76	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	6.98	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	7.01	.....	.....	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 8, 1964	9.00	Jan. 5, 1966	7.72	Jan. 7, 1967	8.00	Jan. 12, 1968	7.62
Jan. 8, 1965	9.55	Apr. 29	8.50	May 5	8.20	May 15	10.75
May 6	8.62	July 7	9.15				

Hendry County

261830N0805830.1. Local number HE3. U. S. Geol. Survey. Jetted observation water-table well in shelly sand, diam 6 in, depth 10 ft, cased to 8, gravel-packed 5-10. Lsd 20 ft above msl. MP top of 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, 1950-68.

Highest water level for the day, above and below lsd, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	-0.42	+0.06	-0.74	-1.66	-3.37	-0.95	-0.34	-0.54	+0.51	+0.21	+0.36 +0.04
10	.51	-.44	.90	2.07	3.66	+2.26	.40	+3.36	-.11	-.17	+0.7 -5.6
15	.41	.54	1.04	2.38	3.42	-.19	.72	.16	+1.8	+6.1	-.11 .63
20	.41	.64	.77	2.71	3.43	.19	.94	.31	-.06	.67	.28 .71
25	.51	.58	1.07	2.87	3.63	.13	+0.4	.31	.15	.65	.25 .79
Eom	-.57	.69	1.37	3.17	2.62	.38	-.26	.24	-.22	.61	-.44 .84
1965											
5	-0.89	-1.69	-0.81	-1.42	-3.11	-3.84	-2.46	-0.68	-0.75	-0.47	-0.24 -0.81
10	.97	.76	.97	1.87	3.24	3.69	1.88	.75	.44	.37	.35 .86
15	1.08	.92	1.14	2.24	3.36	3.33	1.73	.93	.46	.07	.39 .98
20	1.24	1.04	1.34	2.60	3.62	1.98	.48	.69	.66	.37	.40 .91
25	1.34	.42	1.51	2.86	3.88	2.26	.36	.45	.22	-.26	.64 1.28
Eom	1.59	.74	.96	2.99	3.72	2.06	.47	.41	.16	+2.29	.71 1.21
1966											
5	-0.48	-0.86	-0.88	-2.27	-2.89	-1.96	-0.09	+0.06	+0.31	-0.26	-0.79 -1.77
10	.99	1.06	1.09	2.01	2.89	.40	+3.33	-.07	.17	-.41	.87 1.94
15	1.05	.93	1.22	2.38	2.90	-.32	-.17	+1.4	.09	+1.1	1.02 1.97
20	1.22	1.02	1.40	2.63	2.68	+3.1	-.19	.37	.04	-.49	1.24 1.99
25	.96	.64	1.77	2.86	2.35	+6.2	+4.4	+6.1	+1.5	.49	1.47 2.22
Eom	.63	.74	2.04	2.89	2.46	....	.26	-.07	-.38	.65	1.69 2.41
1967											
5	-2.61	-3.19	-2.19	-3.01	-3.19	....	-0.15	+0.47	-0.29	+0.06	-0.85 -1.82
10	2.69	3.25	2.34	3.02	3.32	....	.16	+2.1	.72	+5.4	1.01 1.96
15	2.83	3.34	2.58	3.04	3.45	-2.98	.18	-.23	.84	-.39	1.15 1.88
20	2.91	3.34	2.84	3.04	3.59	-1.32	.11	+1.2	.89	.52	1.31 1.58
25	3.01	1.95	2.94	3.06	....	+1.17	.11	-.14	-.96	.39	1.47 1.76
Eom	3.07	2.06	2.95	3.06	....	-.18	-.21	.58	+5.1	.69	1.64 1.79
1968											
5	-1.96	-2.69	-2.03	-2.94	-4.27	-0.59	+0.43	....	....	....	-0.66 -1.25
10	2.11	2.56	2.03	3.13	4.17	.38	.59	....	....	....	.22 1.46
15	2.14	2.54	2.19	3.34	3.14	.89	.57	....	....	....	.73
20	2.29	2.29	2.30	3.61	3.24	.29	....	....	....	....	.92
25	2.39	1.73	2.50	3.88	2.86	-.83	....	....	....	+0.64	.99
Eom	2.55	1.89	2.74	4.04	2.04	+6.3	....	....	....	-.59	1.12

263730N0810730.1. Local number HE5. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 6 in, depth 13 ft, cased to 8, gravel-packed 7-13. Lsd 27 ft above msl. MP top of casing, 2.90 ft above lsd. Highest water level 0.48 above lsd, Oct. 2, 1951; lowest 4.54 below lsd, June 2, 1967. Records available: 1941-67. No measurement made in 1968.

Highest water level for the day, above and below lsd, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	-2.49	-1.73	-2.37	-2.80	-2.82	-1.95	-2.62	-2.20	-1.48	-1.75	-2.11 -2.67
10	2.29	1.77	2.49	2.95	3.12	1.60	+2.45	1.55	1.81	1.95	2.32 2.76
15	2.10	1.99	2.69	3.12	2.87	1.95	2.58	1.64	.60	1.60	2.45 2.74
20	2.05	2.05	2.59	3.28	3.08	2.30	2.74	1.56	.98	1.92	2.55 2.84
25	2.10	2.10	2.42	3.29	3.15	2.50	2.30	1.24	1.50	2.16	2.61 2.95
Eom	2.18	2.12	2.62	2.63	2.80	2.62	1.88	1.46	1.76	1.92	2.52 2.67
1965											
5	-2.82	-3.25	-2.05	-2.88	-3.54	-2.65	-1.72	-2.47	-1.86	-1.27	-1.42 -2.28
10	3.00	2.74	2.32	3.14	3.65	2.20	1.70	2.14	1.44	1.06	1.53 2.43
15	2.97	2.82	2.43	3.31	3.70	2.01	2.15	1.82	1.80	1.19	1.69 2.49
20	3.03	2.93	2.54	3.45	3.82	1.80	2.72	1.52	1.62	1.28	1.84 2.15
25	3.10	2.32	2.68	3.11	3.93	1.75	3.17	1.60	1.72	.86	2.01 2.32
Eom	3.20	2.43	2.70	3.29	3.44	1.23	2.79	1.71	1.47	1.14	2.15 1.50
1966											
5	-2.15	-1.77	-1.77	-2.60	-3.24	-3.20	-0.87	-0.57	-1.10	-0.80	-1.80 -2.69
10	2.19	1.95	2.04	2.54	3.23	2.03	.88	.50	1.22	.80	1.97 2.82
15	1.92	2.01	2.20	2.70	3.37	2.22	.85	.45	1.22	.98	2.14 2.91
20	1.98	1.78	2.39	2.95	3.50	2.19	.86	.35	1.25	1.22	2.33 2.99
25	1.95	1.34	2.56	3.10	3.37	1.57	.79	.59	.88	1.29	2.49 3.07
Eom	1.55	1.52	2.69	3.05	2.99	1.18	.66	.94	1.00	1.60	2.64 3.22
1967											
5	-3.15	-3.27	-2.64	-3.40	-4.10	....	-0.60	-1.60	-2.30	-1.15	-2.13 -2.85
10	3.22	3.05	2.45	3.54	4.14	....	1.05	1.05	2.53	1.05	2.33 2.96
15	3.22	3.01	2.60	3.66	4.25	1.48	.75	1.20	2.54	1.35	2.47 2.43
20	3.27	3.15	2.89	3.75	4.35	1.05	1.21	1.54	2.43	1.69	2.57 2.58
25	3.12	2.40	3.09	3.88	4.39	1.22	1.22	1.75	1.76	1.62	2.67 2.73
Eom	3.15	2.50	3.25	4.02	4.43	.69	1.58	2.06	1.05	1.93	2.75 2.77

Highlands County

273751N0811549.1. Local number H9. U.S. Geol. Survey. Avon Park Bombing Range. 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: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+128.57	+129.80	+128.62	+128.12	+128.78	+128.86	+127.65	+128.22	+128.22	+127.92	+127.33	+127.05
10	128.97	129.38	128.41	127.87	128.37	129.21	127.47	128.20	128.25	127.82	127.26	127.11
15	129.12	128.81	128.21	127.71	129.34	128.51	127.31	128.01	129.23	127.77	127.15	126.99
20	128.97	129.05	128.22	127.54	128.58	128.15	127.48	127.77	128.65	127.64	127.02	126.82
25	128.71	128.68	128.09	127.40	128.75	127.87	127.72	128.07	128.30	127.51	126.98	126.79
Fom	128.58	129.10	128.44	128.11	128.21	127.72	128.06	128.43	128.10	127.42	126.88	126.71

1965

5	.....	+126.52	+129.12	+128.10	+127.64	+126.77	+129.54	+129.17	+128.50	.....	+128.77	+127.93
10	+126.60	126.74	128.60	127.90	127.43	126.90	128.99	129.05	128.60	+128.87	e128.62	127.99
15	126.55	126.75	128.42	127.71	127.28	127.70	129.06	128.68	128.20	129.25	128.46	128.36
20	126.51	126.63	128.34	127.55	127.13	127.72	129.43	129.00	128.41	128.70	128.25	128.74
25	126.47	127.33	128.17	128.07	127.00	129.15	128.82	128.55	128.00	129.00	128.09	e128.54
Fom	126.42	127.33	128.37	127.95	126.85	128.55	129.46	129.09	.....	129.47	128.03	128.24

1966

5	+128.60	+128.70	+129.35	+129.09	+127.76	+128.33	+128.81	+129.05	+128.25	+128.97	+128.02	+126.87
10	128.46	128.60	128.74	128.76	128.21	129.56	128.98	129.46	128.57	128.75	127.86	126.80
15	128.32	128.58	129.11	128.39	128.07	129.91	129.15	129.18	129.05	128.50	127.78	127.05
20	128.34	128.59	128.60	128.12	128.38	130.12	129.00	128.80	129.25	128.23	127.15	126.96
25	128.92	129.57	129.38	128.07	128.32	129.37	130.22	128.62	128.70	128.65	127.03	126.78
Fom	129.27	129.20	128.35	127.85	128.61	129.78	129.34	128.27	129.23	128.19	126.95	126.69

1967

5	+126.65	+127.25	+127.36	.....	+126.28	+126.95	+129.85	+130.24	+128.90	+129.07	+127.83	+127.16
10	126.60	127.56	127.56	.....	126.19	126.94	129.74	129.35	128.42	129.24	127.68	127.07
15	126.60	127.63	127.42	.....	.....	127.06	129.67	129.17	128.38	128.60	127.57	127.79
20	126.55	127.44	127.28	.....	.....	127.60	128.92	128.72	128.10	128.35	127.44	127.59
25	126.47	127.40	127.17	.....	126.03	127.97	129.75	128.68	127.92	128.13	127.35	127.41
Fom	127.43	127.55	.....	.....	123.95	128.96	129.20	128.78	128.74	127.95	127.24	127.30

1968

5	+127.22	+126.83	+127.12	+126.71	+129.26	+129.27	+130.42	+128.45	+128.38	+128.52	+128.86	+128.30
10	127.17	126.77	127.07	126.62	129.57	129.57	130.28	128.07	129.55	129.70	129.77	128.14
15	127.08	126.70	127.04	126.56	129.52	129.52	129.46	128.40	129.65	130.36	129.05	128.03
20	127.01	126.74	127.19	126.48	129.63	129.93	128.99	127.99	129.07	129.83	128.89	127.97
25	126.94	127.12	127.08	126.41	129.97	129.97	128.61	128.23	129.22	129.75	128.64	127.98
Fom	126.90	127.16	126.85	126.36	129.76	129.76	128.34	128.76	128.77	128.86	128.45	127.83

e Estimated.

272743N0812325.1. Local number H10. U.S. Geol. Survey. About 4 mi southeast of Sebring on Florida Highway 623. 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: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+86.97	+86.75	+87.12	+86.73	+86.53	+86.85	+86.43	+86.59	+86.60	+87.50	+86.90	+86.35
10	86.90	86.77	87.06	86.66	86.80	86.78	86.48	86.50	86.89	87.40	86.81	86.27
15	86.85	86.91	86.96	86.60	86.95	86.72	86.56	86.43	87.18	87.28	86.70	86.20
20	86.82	87.00	86.90	86.54	87.06	86.62	86.62	86.35	87.39	87.17	86.61	86.09
25	86.79	87.08	86.83	86.46	87.06	86.55	86.61	86.21	87.50	87.08	86.53	86.00
Fom	86.76	87.11	86.75	86.40	86.95	86.47	86.61	86.42	87.55	86.99	86.45	85.90

1965

5	.....	+85.33	+85.24	+85.30	+85.17	+84.81	+86.02	e+87.40	+88.20	e+89.01	+89.20	+88.64
10	+85.75	85.27	85.30	85.35	85.10	84.77	86.62	e87.58	88.09	89.45	89.14	88.52
15	85.67	85.21	85.31	85.32	85.07	84.91	e86.82	e87.78	88.11	89.54	89.05	88.44
20	85.58	85.13	85.27	85.30	84.99	85.27	e86.95	85.14	e88.30	89.49	88.95	88.35
25	85.50	85.07	85.17	85.25	84.95	85.62	e87.09	88.25	e88.54	89.35	88.85	88.23
Fom	85.42	85.11	85.17	85.22	84.86	85.83	e87.25	88.26	e88.77	89.28	88.75	88.10

1966

5	+88.01	+87.46	+88.12	+87.95	+87.39	+88.49	+88.50	+89.62	+90.04	+91.10	+90.60	+89.45
10	87.90	87.41	88.13	87.87	87.50	88.49	88.60	89.72	90.15	91.12	90.48	89.20
15	87.83	87.37	88.13	87.82	87.76	88.49	88.68	89.83	90.30	91.07	90.34	89.15
20	87.72	87.30	88.13	87.71	87.87	88.49	88.77	89.92	90.61	91.01	90.13	89.08
25	87.63	87.42	88.13	87.62	88.08	88.49	88.95	89.94	90.90	90.85	89.97	88.97
Fom	87.52	87.81	88.05	87.50	88.46	88.50	89.51	89.97	91.04	90.72	89.78	88.84

1967

5	+88.78	+87.89	+87.56	+87.01	+86.42	+85.65	+85.88	+86.17	+86.76	.....	+88.87	+87.83
10	88.60	87.73	87.49	86.90	86.29	85.64	85.98	86.27	86.89	.....	88.64	87.79
15	88.47	87.75	87.41	86.71	86.17	85.60	86.10	86.43	87.03	.....	88.74	87.69
20	88.33	87.73	87.31	86.58	86.00	85.57	86.14	86.56	87.21	.....	88.34	87.64
25	88.23	87.67	87.22	86.52	85.85	85.52	86.14	86.68	87.39	+89.01	88.09	87.57
Fom	88.08	87.63	87.10	86.45	85.67	85.65	86.15	86.72	.....	88.90	87.87	87.49

272743N0812325.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+87.36	+86.80	+86.29	+85.75	+85.08	+85.26	+88.90	+89.83	+89.33	88.80	+88.96	+88.50
10	87.29	86.71	86.20	85.64	85.03	87.08	88.95	89.85	89.22	87.92	88.90	88.39
15	87.20	86.63	86.10	85.50	85.02	88.00	89.25	89.80	89.11	88.62	88.77	88.33
20	87.11	86.54	86.03	85.25	84.99	88.15	89.49	89.69	89.04	88.65	88.70	88.23
25	87.02	86.44	85.95	85.18	84.96	88.64	89.62	89.57	88.96	88.82	88.65	88.12
Eom	86.90	86.36	85.85	85.13	85.03	88.83	89.80	89.45	88.87	88.88	88.57	87.98
e Estimated.												

e Estimated.

272507N0811209.1. Local number H11A. U.S. Geol. Survey. On U.S. Highway 98, 2.6 mi northwest of Istokpoga Canal. 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 42.22 above msl, May 9, 1968. Records available: 1956-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+46.40	+47.70	+47.46	+46.62	+47.76	+47.83	+46.57	+47.04	+47.80	+47.30	.....	+46.30
10	46.83	47.87	47.16	46.37	47.05	47.89	46.47	e47.72	47.55	47.08	.....	46.19
15	46.97	47.57	46.90	46.17	47.99	47.35	46.25	e47.57	48.40	47.00	+46.10	46.00
20	46.99	47.72	47.10	45.97	47.33	46.95	46.61	48.28	47.96	.....	46.02	45.82
25	46.92	47.43	46.67	46.02	47.00	46.77	46.79	48.40	47.58	.....	45.99	45.74
Eom	46.72	47.73	47.04	47.65	46.59	46.90	47.37	48.12	47.44	.....	45.92	45.97
1965												
5	+45.72	+45.17	+46.57	+46.02	+44.93	+44.45	+45.45	+45.90	+45.64	+46.90	+47.02	+46.33
10	45.58	45.27	46.32	45.73	44.77	44.65	45.25	45.58	46.20	47.36	46.86	46.09
15	45.51	45.17	46.08	45.42	44.62	45.25	46.15	45.42	45.92	47.55	46.69	46.44
20	45.40	45.25	45.94	45.17	44.49	45.81	46.32	45.19	45.69	47.15	46.47	46.72
25	45.35	46.01	45.77	45.17	44.36	45.84	45.98	45.00	46.13	47.59	46.34	46.53
Eom	45.25	46.02	46.41	45.13	44.51	45.80	46.09	45.65	46.85	47.37	46.56	46.30
1966												
5	+46.78	+47.34	+47.27	+46.80	+45.59	+45.79	+46.98	+47.80	+47.14	+47.42	+47.13	+46.44
10	46.62	47.05	46.92	46.95	46.21	47.29	46.72	e48.05	46.90	48.15	47.03	46.30
15	46.52	47.05	46.91	46.44	46.45	47.11	47.62	e48.89	47.38	47.75	46.90	46.30
20	46.55	47.36	46.64	46.07	46.25	47.42	47.17	47.64	47.07	47.79	46.78	46.38
25	47.08	47.89	46.39	45.88	46.31	47.21	47.85	47.40	46.89	47.85	46.63	46.15
Eom	47.59	47.68	46.35	45.78	45.82	47.46	47.65	47.30	47.57	47.42	46.43	46.00
1967												
5	.....	+45.48	+46.20	+45.11	+44.26	+43.82	+46.48	+46.55	.....	.....	+45.12	+44.14
10	.....	46.13	46.23	44.96	44.19	45.17	46.15	46.64	+46.44	.....	44.76	.....
15	+45.83	46.37	45.95	44.87	44.13	45.72	46.85	47.05	47.88	.....	44.61	.....
20	45.76	46.12	45.68	44.66	44.07	46.29	46.70	46.68	47.91	.....	44.49	.....
25	45.68	46.59	45.47	44.56	43.97	46.18	46.40	.....	47.37	+45.70	44.37	.....
Eom	45.56	46.37	45.26	44.39	43.87	46.29	46.28	.....	.....	45.22	44.26	.....
1968												
5	+44.59	+44.13	+44.00	+43.51	+42.62	+45.95	+46.17	+45.35	+45.08	+45.32	+44.90	+44.77
10	44.81	43.95	44.28	43.29	42.23	46.21	46.33	44.95	45.40	45.15	45.80	44.64
15	44.93	43.78	44.29	43.19	42.58	46.12	45.97	45.47	45.97	45.57	45.75	44.56
20	44.64	44.20	44.00	43.02	42.72	45.82	45.99	45.24	45.45	45.87	45.50	44.45
25	44.47	44.19	43.80	42.89	42.62	45.64	45.37	.....	45.13	45.41	45.16	44.42
Eom	44.24	43.93	43.64	42.74	43.74	45.82	44.96	e45.09	45.92	45.02	44.98	44.50
e Estimated.												

e Estimated.

271410N0805944.1. Local number H13. U.S. Geol. Survey. On Florida Highway 70, 0.5 mi west of Kissimmee River bridge. 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: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+24.64	+25.21	+24.50	e23.85	.....	+23.94	+24.16	+24.45	+27.54	+26.43	+25.52	+25.41
10	24.96	25.54	e24.39	.....	.....	24.17	24.03	24.37	27.80	26.08	25.40	25.29
15	25.16	25.25	e24.29	.....	+23.58	23.99	23.77	24.65	28.40	26.53	25.25	24.94
20	25.07	25.30	e24.20	.....	23.56	23.69	23.70	25.44	27.78	25.91	25.10	24.75
25	24.65	24.95	e24.10	.....	23.56	24.15	24.22	26.02	26.87	25.72	25.11	24.74
Eom	24.21	24.80	e23.97	.....	23.72	24.06	24.92	26.97	26.26	26.74	25.05	24.88
1965												
5	+24.70	+24.84	+26.08	+25.60	+25.01	+24.23	+25.03	.....	+25.48	e24.55	+24.53	+24.92
10	24.56	25.35	25.66	25.28	24.72	24.37	24.71	.....	25.49	24.39	24.54	24.77
15	25.35	24.88	25.72	25.02	24.53	25.23	24.70	.....	25.10	24.33	24.48	24.73
20	24.93	24.74	25.55	24.82	24.45	26.02	.....	+24.68	e24.74	24.23	24.59	24.77
25	24.87	25.90	25.09	24.77	24.38	.....	.....	24.66	e24.77	24.52	25.32	24.75
Eom	24.77	25.80	26.05	25.52	24.30	.....	.....	25.28	e24.95	24.55	25.11	24.98
1966												
5	+25.46	+25.22	+25.55	+26.31	+25.30	+25.35	+26.98	.....	+28.39	+26.95	+25.95	+26.05
10	25.29	25.04	25.41	26.07	26.28	26.96	26.72	.....	27.93	26.60	25.90	25.80
15	25.60	25.44	26.04	25.54	26.30	26.85	26.72	.....	28.73	26.05	25.97	25.83
20	25.27	25.75	25.70	25.50	25.74	.....	26.00	28.02	28.18	25.63	26.00	25.81
25	25.32	26.28	25.48	25.49	26.08	.....	26.83	28.68	27.48	26.02	25.85	25.84
Eom	25.59	26.04	25.81	25.60	25.78	.....	27.96	28.02	27.32	25.95	25.86	25.76

271410N0805944.1--Continued.

1967											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+25.85	+25.58	.....	+25.44	+24.93	+25.38	+26.92	+25.76	+26.05	+27.14	+25.52 +25.29
10	25.50	26.19	+25.89	25.37	24.85	25.41	26.03	25.61	25.75	27.01	25.53 25.11
15	25.75	26.04	25.73	25.25	24.79	25.58	25.86	25.73	26.65	26.16	25.54 25.71
20	25.71	25.83	25.54	25.19	24.77	26.35	26.00	25.45	27.30	25.72	25.60 25.31
25	25.84	.....	25.49	25.09	24.68	25.74	25.40	25.22	26.74	25.72	25.42 25.19
Eom	25.44	.....	25.56	24.99	24.57	26.27	25.30	25.95	27.27	25.58	25.36 24.85
1968											
5	+25.72	+25.93	+26.03	+25.45	+25.41	+27.72	+28.16	+27.56	+26.21	+25.80	+26.24 +25.84
10	25.87	25.78	26.03	25.45	25.38	27.26	28.93	27.14	26.76	25.90	27.50 25.44
15	25.88	25.62	25.67	25.44	25.44	28.12	28.75	26.33	27.23	25.85	27.12 25.52
20	25.87	26.04	25.28	25.25	25.53	27.55	27.52	26.06	26.48	26.56	26.44 25.64
25	26.08	26.11	25.30	25.15	26.14	26.61	26.78	26.30	26.52	27.66	26.15 25.73
Eom	25.89	26.12	25.43	25.20	26.01	27.23	26.33	26.36	26.20	26.80	26.16 25.74

e Estimated.

271225N0811943.1. Local number H14. U.S. Geol. Survey. On Florida Highway 25, 0.1 mi south of Florida Highway 70. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 35 ft, casing 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: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+119.39	+119.27	+119.58	+119.10	+118.60	+118.50	+118.68	+118.90	+119.37	+120.49	+119.93 +119.35
10	119.35	119.92	119.50	118.99	118.52	118.62	118.70	119.08	119.43	120.38	119.85 119.26
15	119.30	120.03	119.40	118.91	118.55	118.65	118.62	119.24	120.30	120.33	119.80 119.16
20	119.29	119.93	119.33	118.84	118.75	118.59	118.50	119.32	120.66	120.22	119.65 119.05
25	119.25	119.77	119.25	118.76	118.74	118.48	118.42	119.34	120.70	120.12	119.55 118.97
Eom	119.21	119.66	119.16	118.68	118.57	118.55	118.66	119.33	120.62	120.02	119.47 118.55
1965											
5	.....	+118.17	+117.70	+117.80	+117.97	+117.43	+117.69	+118.10	+119.86	+121.26	+121.00 +120.39
10	+118.65	118.09	117.63	117.89	117.98	117.35	117.70	119.05	119.82	121.16	120.92 120.27
15	118.56	118.02	117.55	117.87	117.88	117.35	118.04	119.12	119.75	121.00	120.81 120.17
20	118.47	117.90	117.49	117.74	117.72	117.45	118.14	119.00	119.65	121.12	120.70 120.08
25	118.38	117.84	117.45	117.77	117.60	117.63	118.13	118.94	119.59	121.14	120.60 119.95
Eom	118.27	117.78	117.58	117.88	117.50	117.70	118.00	119.50	119.91	121.09	120.49 119.83
1966											
5	+119.73	+119.28	+119.25	+119.05	+118.56	+118.38	+119.29	+121.35	+122.97	+122.68	+122.19 +121.34
10	119.63	119.27	119.63	118.96	118.49	118.45	119.30	123.40	122.84	122.58	122.08 121.21
15	119.55	119.23	119.50	118.88	118.40	118.84	120.30	123.30	122.83	122.48	121.94 121.08
20	119.45	119.17	119.35	118.80	118.31	119.17	120.67	123.18	122.76	122.37	121.77 120.95
25	119.37	119.44	119.25	118.72	118.39	119.25	120.72	123.06	122.78	122.43	121.64 120.81
Eom	119.29	119.69	119.14	118.65	118.43	119.26	121.15	123.10	122.74	122.32	121.50 120.67
1967											
5	+120.54	+119.85	+119.58	+119.07	+118.83	+118.25	+119.95	+120.60	+120.05	+120.04	+119.77 +119.22
10	120.42	119.75	119.49	118.96	118.73	118.15	119.74	120.56	120.05	120.18	119.69 119.13
15	120.30	119.65	119.42	118.81	118.63	118.08	119.72	120.45	120.02	120.27	119.62 119.04
20	120.18	119.56	119.33	118.86	118.54	118.38	119.84	120.34	119.97	120.22	119.52 118.94
25	120.08	119.57	119.26	119.02	118.55	118.58	119.83	120.24	119.92	120.05	119.43 118.86
Eom	119.94	119.62	119.15	118.96	118.33	119.98	120.39	120.14	119.90	119.85	119.32 118.78
1968											
5	+118.71	+118.32	+117.85	+117.35	+116.88	+118.05	+120.15	+120.04	+119.80	+120.52	+120.46 +120.18
10	118.64	118.29	117.77	117.26	116.80	118.97	120.18	120.19	119.81	120.37	120.43 120.08
15	118.59	118.17	117.68	117.19	116.75	119.78	120.19	120.18	120.35	120.25	120.50 119.99
20	118.52	118.09	117.61	117.10	116.71	120.07	120.18	120.06	120.61	120.44	120.49 119.89
25	118.47	118.01	117.52	117.02	116.69	120.05	120.11	119.92	120.70	120.71	120.40 119.79
Eom	118.39	117.94	117.45	116.96	116.19	120.05	119.96	119.88	120.68	120.63	120.28 119.68

270202N0812033.1. Local number H15. U.S. Geol. Survey. On Florida Highway 25, 0.1 mi north of Highlands-Glades County line. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 23 ft, casing 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: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+56.76	+58.28	+56.32	+55.38	+54.65	+55.10	+56.05	+55.75	+56.29	+56.37	+55.64 +55.02
10	57.30	57.49	56.14	55.22	54.56	55.58	56.18	56.75	55.95	56.12	55.47 54.95
15	57.20	56.85	55.96	55.07	54.49	55.36	55.92	56.31	57.70	56.30	55.33 54.90
20	57.00	57.04	56.00	54.92	54.40	55.08	55.62	55.94	56.85	55.94	55.15 54.84
25	56.70	56.70	55.74	54.82	54.32	54.90	56.56	56.20	56.45	55.75	55.08 54.76
Eom	56.45	56.70	55.57	54.73	54.50	55.74	56.25	56.14	56.20	55.74	55.17 54.96
1965											
5	.....	+54.52	+55.71	+55.70	+54.80	+54.80	+57.00	+58.13	+57.31	+57.59	+56.62 +56.07
10	54.70	54.62	55.50	55.35	54.42	56.57	56.13	57.98	57.41	57.73	56.44 55.95
15	54.64	54.52	56.25	55.10	54.28	57.11	57.08	56.68	57.87	58.21	56.47 56.29
20	54.62	54.44	55.87	54.86	54.15	57.95	56.72	57.68	57.10	57.72	56.26 56.88
25	54.60	55.15	55.63	54.72	54.00	57.59	56.14	56.86	57.70	57.80	56.15 e56.59
Eom	54.54	55.14	e56.19	54.80	54.54	56.60	57.45	58.04	58.25	57.53	56.16 e56.60

270202N0812033.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+56.77	+56.59	+56.53	+56.05	+55.29	+56.21	+56.75	+57.25	+57.16	+56.94	+55.90	+55.71
10	56.26	56.39	56.25	57.50	55.47	57.96	56.46	.....	58.27	57.48	55.81	55.58
15	56.39	56.60	56.73	56.32	55.14	57.93	56.24	57.91	58.13	56.58	55.65	55.84
20	56.92	57.22	56.20	56.00	55.22	58.21	55.94	56.98	58.18	56.22	55.64	55.67
25	56.75	57.40	55.95	55.70	57.70	57.81	55.81	57.58	57.49	56.20	55.54	55.50
Eom	57.20	56.94	55.94	55.50	56.86	57.98	57.98	57.63	57.70	56.01	55.43	55.34
1967												
5	+55.34	+55.21	+56.06	+55.02	+54.27	+54.30	+57.75	+57.71	+57.69	+57.18	+55.90	+55.11
10	55.46	56.63	55.93	54.89	54.15	54.78	58.03	56.82	56.38	57.83	55.68	55.04
15	55.62	56.26	55.70	54.74	54.03	55.58	57.75	57.12	56.37	56.64	55.55	55.85
20	55.74	55.94	55.48	54.64	53.89	57.57	57.62	57.02	56.01	56.25	55.43	55.62
25	55.49	56.52	56.52	54.52	53.76	58.08	56.82	57.32	55.90	56.19	55.32	55.41
Eom	55.29	56.24	56.24	54.39	53.63	57.84	57.88	56.24	57.82	55.92	55.22	55.39
1968												
5	+54.18	+55.14	+55.29	+54.60	+53.97	+58.03	+57.61	+57.10	+55.99	+55.82	+56.24	+56.12
10	55.60	55.04	55.63	54.48	53.96	58.04	57.85	56.61	57.47	57.82	57.98	56.03
15	55.52	54.96	55.21	54.35	54.07	57.99	56.66	56.00	57.57	56.65	57.08	56.00
20	55.30	55.18	54.94	54.26	54.00	57.88	57.44	55.68	56.38	57.98	56.59	56.01
25	55.36	55.54	54.83	54.13	53.90	56.82	56.23	55.90	56.12	57.85	56.32	55.92
Eom	55.15	55.48	54.70	54.01	56.31	57.12	56.06	56.18	56.13	56.50	56.22	56.00
e. Estimated.												

e Estimated.

Hillsborough County

280704N0823030.1. Local number 13. City of St. Petersburg. Drilled unused artesian well in Floridan aquifer, diam 12 in, depth 347 ft, cased to 46. Lsd 55.82 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 4.92 below lsd, Sept. 23, 1947; lowest 29.51 below lsd, May 31, 1968. Records available: 1930-35, 1937, 1939-41, 1944-68. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.86	11.47	14.79	14.30	16.39	17.28	15.90	14.56	14.39	15.05	16.70	17.23
10	12.81	11.36	14.55	15.10	15.76	16.35	16.10	14.99	13.90	15.56	16.72	16.60
15	11.95	11.50	16.41	15.81	16.34	16.98	16.84	14.75	13.66	15.64	17.70	16.30
20	11.71	11.52	16.23	16.36	16.99	16.69	16.69	14.49	14.03	16.06	17.76	17.50
25	11.75	12.20	16.50	17.23	17.69	17.16	15.74	14.17	14.84	16.42	17.54	16.13
Eom	11.97	12.48	14.00	17.03	18.31	16.00	14.26	14.70	15.31	16.43	17.24	15.90
1965												
5	15.89	16.02	15.80	15.23	18.20	e20.6	18.18	14.43	14.08	17.52	21.30	19.61
10	16.19	15.85	15.30	18.17	18.91	14.60	18.20	15.32	14.18	20.42	21.86	19.90
15	15.09	16.11	10.33	18.80	16.59	11.98	17.70	15.48	14.32	19.17	19.50	19.63
20	15.89	16.30	14.68	19.05	22.00	12.90	17.89	15.52	15.64	19.80	21.96	15.05
25	15.97	16.11	14.93	16.95	16.68	16.74	17.58	13.60	16.68	19.95	20.22	18.32
Eom	15.73	16.04	15.63	16.47	18.93	18.05	16.67	13.81	16.55	19.93	19.84	19.24
1966												
5	19.95	19.49	17.89	13.04	20.73	24.46	22.77	21.47	19.70	15.73	16.80	22.91
10	19.93	19.60	19.62	20.70	19.18	14.11	22.40	17.28	20.87	16.58	20.73	20.58
15	20.20	19.00	21.55	21.68	19.30	20.18	22.90	17.57	20.36	14.52	21.32	22.52
20	20.23	14.42	21.07	22.44	21.16	17.22	19.81	20.33	20.27	18.48	22.48	23.24
25	19.75	14.20	21.25	22.61	22.03	18.93	19.21	11.99	20.47	16.46	22.73	23.59
Eom	19.54	16.81	20.76	20.60	22.32	19.20	19.76	19.61	11.60	21.23	22.94	23.50
1967												
5	23.65	24.40	21.61	23.77	22.70	24.72	20.10	20.68	11.27	17.38	18.81	24.38
10	23.25	22.47	21.78	24.38	25.08	24.42	22.41	20.37	11.66	17.97	18.62	24.15
15	23.60	21.46	21.98	25.09	25.83	24.20	17.42	19.09	12.17	18.28	22.45	23.54
20	23.49	22.37	22.56	25.52	25.80	23.50	20.94	18.70	12.51	18.66	23.43	23.65
25	23.76	22.50	22.93	25.68	25.10	23.27	21.23	13.83	13.10	17.00	23.65	23.56
Eom	24.10	21.86	23.37	25.75	25.50	23.89	20.69	11.47	12.48	18.79	24.10	24.01
1968												
5	24.19	22.15	24.26	26.70	26.28	26.98	20.88	19.77	17.82	20.15	21.80	19.90
10	24.15	23.50	24.54	27.45	.....	26.70	18.12	19.88	17.50	20.20	21.13	20.22
15	21.38	22.91	24.12	27.65	.....	26.12	21.04	20.12	20.82	20.86	17.88	20.22
20	21.74	22.14	24.68	28.77	.....	22.80	18.86	18.55	21.35	19.25	18.10	20.71
25	21.85	22.18	25.16	26.53	29.10	25.35	20.04	20.34	21.63	19.91	19.45	20.84
Eom	21.83	19.22	26.09	25.68	28.55	21.72	17.80	18.10	22.18	21.38	19.90	20.89
e Estimated.												

e Estimated.

274456N0822525.1. Local number 30. C. L. Council. 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 3.65 below lsd, May 4, 1968. Records available: 1950-68. Affected by pumping of nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+6.28	.....	+6.59	+8.58	+7.53	+4.75	+6.30	+7.14	+7.97	.....	.....	.....
10	+6.40	.....	.....	5.93	5.35	6.28	7.15	.....	.....	.....	.....
15	5.94	4.70	6.42	7.30	.....	.....	.....	+5.63
20	4.29	4.39	6.87	7.16	.....	.....	.....	5.73
25	3.71	5.30	7.17	7.49	.....	.....	.....	4.96
Eom	3.55	5.75	7.30	7.73	.....	.....	+5.61	5.72

274456N0822525.1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	+5.73	+5.90	+6.48	+4.23	+2.29	h+0.63	+4.64	+6.18	.....	+7.30	+6.50
10	5.33	6.59	5.65	2.91	2.07	.....	4.84	6.42	+7.38	7.30	6.26
15	5.80	6.46	6.47	1.96	.....	.....	5.14	6.50	6.67	7.45	6.73
20	5.37	5.47	6.05	1.51	.....	.....	5.38	6.90	7.37	7.63	5.38
25	5.87	6.27	5.13	3.61	.....	.....	5.62	7.34	7.38	6.82	5.57
Eom	5.25	5.72	5.17	3.81	.....	4.62	.....	.....	7.67	6.69	4.95
1966											
5	+5.14	+4.58	+5.41	+4.48	+0.70	+1.35	+5.35	+5.40	+5.43	+5.46	+3.94
10	5.30	4.64	5.38	5.26	3.85	3.70	5.21	5.69	5.39	5.76	4.02
15	6.39	5.76	5.44	3.24	2.00	3.98	5.41	5.93	5.41	5.86	3.25
20	5.52	5.50	4.16	3.02	.55	4.80	5.55	5.90	6.03	5.13	2.30
25	7.16	5.73	3.94	2.85	1.02	5.02	5.63	....	5.17	5.06	2.01
Eom	....	6.05	4.42	1.14	2.34	5.29	5.42	h5.60	5.88	4.43	2.06
1967											
5	+2.43	+1.51	+2.36	+0.62	-2.31	+1.08	+3.93	+4.84	+5.70	+5.31	+4.48
10	e2.39	2.81	3.41	.29	2.11	1.99	3.79	5.19	5.26	5.74	3.00
15	2.94	3.41	2.44	-.94	2.12	2.07	3.69	5.64	5.16	5.01	3.20
20	2.78	3.28	1.26	1.00	-1.90	3.20	4.12	5.89	4.84	4.53	3.04
25	2.10	3.41	.79	1.30	+1.5	3.59	4.72	5.84	3.69	4.13	2.60
Eom	1.43	2.48	1.32	2.16	-1.64	3.54	4.43	5.80	5.27	4.05	2.11
1968											
5	+2.87	e+1.90	+2.18	-0.69	-0.83	+3.21	+5.07	+5.37	+5.89	+4.96	+4.96
10	2.22	e+.2	3.54	-1.55	-1.81	3.85	5.17	5.32	5.56	4.80	5.18
15	1.90	e-.2	2.99	+2.27	+1.19	3.99	5.30	5.42	5.94	4.60	4.94
20	1.09	2.10	2.08	-1.62	.76	4.16	5.43	5.20	5.72	5.69	5.29
25	1.95	2.16	1.27	2.40	1.11	4.42	5.50	5.30	5.78	5.76	5.05
Eom	e2.00	2.25	+34	1.04	2.59	5.60	5.30	5.98	5.23	4.40	4.58

e Estimated.

h Tape measurement.

274243N0821906.1. Local number 500. Paul Carter. Wimauma. 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: 1951-65. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1964	53.40	July 14, 1964	55.12	Nov. 30, 1964	56.99	Mar. 2, 1965	56.55
Mar. 2	52.36	Sept. 1	52.81	Jan. 15, 1965	57.18	May 6	56.88
May 4	56.54						

Holmes County

304322N0855614.1. Local number 4. Mrs. Dan Hughes. Ponce de Leon. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, reported depth 187 ft. Lsd 62.18 ft above msl. MP top of 6-by 4-in reducing tee, 1.50 ft above lsd. Highest water level 6.90 above lsd, May 6, 1964; lowest 1.00 above lsd, Jan. 11, 1955. Records available: 1938, 1947-68.

Jan. 8, 1964	+6.05	July 6, 1965	+4.00	Oct. 31, 1966	+3.30	Feb. 27, 1968	+4.40
Mar. 4	6.60	Sept. 8	3.70	Jan. 3, 1967	5.5	May 7	3.50
May 6	6.90	Nov. 1	3.50	Mar. 6	4.5	July 1	2.33
July 6	5.10	Jan. 11, 1966	3.90	May 1	3.20	Aug. 21	2.05
Sept. 8	4.50	Mar. 9	6.61	July 10	2.72	Sept. 3	1.88
Nov. 3	4.70	Apr. 28	4.06	Sept. 5	3.35	Oct. 1	1.52
Jan. 4, 1965	5.70	July 8	3.10	Nov. 6	4.68	Nov. 4	1.38
Mar. 3	6.35	Sept. 12	3.80	Jan. 8, 1968	5.40		

305823N0853509.1. Local number 7. A. C. Bush. 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: 1910, 1938, 1947-68. Measurement discontinued July 1, 1968.

Jan. 8, 1964	12.53	Mar. 3, 1965	9.86	Apr. 28, 1966	10.98	July 10, 1967	13.30
Mar. 4	11.70	May 3	9.95	July 11	12.10	Sept. 5	13.28
May 6	11.18	July 6	11.20	Sept. 12	13.05	Nov. 6	12.87
July 6	11.80	Sept. 8	11.89	Oct. 31	13.46	Jan. 8, 1968	12.26
Sept. 8	11.48	Nov. 1	11.98	Jan. 3, 1967	12.42	Mar. 1	12.20
Nov. 3	10.86	Jan. 6, 1966	11.85	Mar. 6	11.92	May 7	12.57
Jan. 4, 1965	10.30	Mar. 9	11.25	May 1	12.75	July 1	13.24

Indian River County

273923N0804718.1. Local number IR25. U.S. Geol. Survey. On Florida Highway 60, 8 mi east of Yeehaw Junction. 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 31.82 above msl, Oct. 1, 1965; lowest 25.16 above msl, June 2, 1967. Records available: 1950-68.

273923N0804718.1--Continued.

Highest water level for the day, above msl, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+28.79	+29.59	+28.48	+27.49	+27.80	+27.44	+27.51	+26.79	+29.77	+28.90	..... +28.83
10	29.06	29.48	28.23	27.22	27.35	28.42	27.35	26.92	29.73	28.57	..... 28.56
15	29.01	28.95	28.00	27.02	27.98	27.83	27.00	28.02	29.77	29.78	27.95 28.25
20	28.94	28.98	27.87	26.80	27.25	27.35	26.84	29.04	29.12	29.00	27.88 28.02
25	28.68	28.68	27.65	26.65	27.41	27.43	26.90	28.58	28.85	29.05	27.75 27.83
Eom	28.55	28.88	27.75	27.21	27.02	27.85	26.75	29.60	28.76	e28.59	27.67 27.83
1965											
5	+27.65	+27.19	+28.98	+27.53	+26.35	+25.42	+27.90	.....	+28.55	+30.38	+29.38 +28.40
10	27.55	27.25	28.52	27.23	26.18	25.90	28.24	.....	28.68	29.30	29.23 28.19
15	27.48	27.05	28.27	26.99	26.03	26.94	27.95	.....	28.18	29.51	29.02 28.55
20	27.39	26.95	27.97	26.75	25.87	27.90	28.52	+29.15	28.05	29.30	28.83 28.81
25	27.29	27.80	27.85	26.72	e25.72	27.98	.....	28.75	30.36	29.20	28.65 28.48
Eom	27.13	27.66	27.71	26.55	25.55	28.04	.....	28.93	31.20	30.13	28.59 28.24
1966											
5	+28.94	+28.73	+29.07	+28.70	+26.98	+27.80	+29.15	+29.20	.....	+28.76	..... +27.13
10	28.63	28.49	28.86	28.35	26.85	28.89	28.78	30.25	.....	.....	e27.09
15	28.59	28.35	28.74	27.88	26.81	28.65	28.55	29.68	.....	.....	e27.05
20	28.71	28.68	28.47	27.64	26.58	28.89	28.37	29.38	.....	.....	27.47 e27.01
25	28.83	29.85	28.17	27.40	27.81	28.34	28.97	29.45	.....	.....	27.34 e26.96
Eom	29.07	29.39	28.07	27.15	28.05	29.06	29.04	.....	.....	.....	27.17 e26.91
1967											
5	.....	+26.08	.....	+26.89	+25.76	+25.43	.....	+29.36	+28.04	+28.45	+27.56 +26.81
10	.....	.....	+27.54	26.56	25.63	25.56	.....	29.05	28.30	28.41	27.37 26.72
15	+26.25	.....	27.28	26.41	25.50	.....	+29.35	29.37	29.26	28.11	27.22 27.90
20	26.25	.....	27.14	26.26	25.41	.....	29.26	28.93	28.75	27.81	27.11 27.71
25	26.21	.....	26.91	26.08	25.32	.....	29.84	28.61	28.43	28.20	27.04 27.53
Eom	26.12	.....	27.22	25.90	25.17	.....	29.23	28.29	28.97	27.74	26.91 27.53
1968											
5	+27.38	+27.04	+27.24	+26.41	+25.66	+29.74	+29.67	+29.02	+28.07	+27.58	+28.85 +28.33
10	27.26	26.96	27.18	26.27	25.56	29.47	30.55	29.35	28.21	27.77	29.56 28.12
15	27.28	26.87	27.05	26.13	26.15	30.06	29.51	29.13	28.35	27.58	29.11 28.01
20	27.19	27.12	26.87	26.00	26.52	29.86	30.00	28.83	28.00	29.15	28.87 27.89
25	27.25	27.22	26.73	25.85	26.54	30.08	29.27	28.56	27.76	29.88	28.62 27.79
Eom	27.15	27.24	26.55	25.74	27.17	30.05	28.99	28.29	28.04	29.07	28.45 27.66

e Estimated.

Jackson County

304230N0845323.1. Local number 23. Florida State Hospital. 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 16.40 below lsd, Mar. 9, 1966; lowest 43.76 below lsd, Nov. 2, 1951. Records available: 1950-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1964	24.28	May 3, 1965	20.77	July 5, 1966	25.29	Sept. 5, 1967	23.81
Mar. 4	18.50	July 5	21.67	Sept. 12	24.98	Nov. 6	25.83
May 6	17.37	Sept. 8	23.62	Oct. 31	24.78	Jan. 8, 1968	25.18
July 6	24.58	Nov. 1	24.13	Jan. 3, 1967	18.48	Mar. 1	25.63
Sept. 8	24.33	Jan. 11, 1966	24.67	Mar. 6	22.93	July 1	26.87
Nov. 3	21.43	Mar. 9	16.40	May 1	24.68	Sept. 3	27.35
Jan. 4, 1965	20.62	May 2	23.33	July 10	25.26	Nov. 4	28.68
Mar. 3	18.53						

Lake County

285758N0813855.1. Local number 18. Maurice Brantley. Altoona. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 190 ft. Lsd about 109.57 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: 1936-68. Measurement discontinued.

Jan. 10, 1964	58.12	Mar. 5, 1965	55.71	Mar. 9, 1966	55.20	Mar. 6, 1967	56.97
Mar. 3	56.75	May 4	56.63	May 4	55.73	May 1	58.17
May 7	58.52	July 7	56.96	July 28	55.30	July 11	57.34
July 9	57.78	Sept. 3	55.08	Sept. 14	53.98	Sept. 12	55.41
Sept. 18	55.45	Nov. 9	54.38	Oct. 31	53.42	Oct. 30	54.17
Dec. 3	55.24	Jan. 21, 1966	56.20	Jan. 3, 1967	54.69	Jan. 9, 1968	57.02
Jan. 14, 1965	55.28						

290027N0812322.1. Local number 20. Margarite E. Wilson. Crows Bluff. Fernandez Grant. 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 14.0 above lsd, Jan. 12, 1966; lowest 4.61 above lsd, Sept. 14, 1956. Records available: 1936-68. Measurement discontinued.

290027N0812322_1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1964	+7.6	Mar. 31, 1965	+8.4	Mar. 9, 1966	+12.2	Feb. 27, 1967	+7.1
May 13	6.9	May 10	7.5	May 11	12.0	May 1	5.0
July 22	6.61	June 28	7.0	July 11	9.6	July 10	5.8
Sept. 14	7.8	Sept. 7	5.0	Sept. 7	9.2	Sept. 13	6.6
Nov. 16	6.7	Nov. 17	10.0	Oct. 31	9.0	Nov. 1	6.1
Jan. 13, 1965	8.4	Jan. 12, 1966	14.0	Jan. 4, 1967	7.2	Jan. 2, 1968	5.9

290950N0813155.1. Local number 22. Earl Little. Astor. Levy Grant. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 254 ft. Lsd 16.65 ft above msl. MP top of 6-in coupling, 3.50 ft above lsd. Highest water level 0.5 above lsd, October 1945; lowest 5.30 below lsd, May 1, 1968. Records available: 1936-68.

Jan. 9, 1964	-2.08	May 5, 1965	-1.92	Sept. 7, 1966	-2.05	Jan. 4, 1968	-3.50
Mar. 6	1.75	July 9	1.44	Nov. 3	1.84	Mar. 4	4.14
May 6	.72	Sept. 10	.72	Jan. 10, 1967	2.65	May 1	5.30
July 10	2.13	Nov. 4	.77	Feb. 27	2.88	June 3	4.90
Sept. 17	.20	Jan. 10, 1966	1.13	May 1	4.43	July 5	3.70
Nov. 4	.38	Mar. 10	1.60	July 10	3.59	Sept. 6	3.02
Jan. 8, 1965	.63	May 4	2.61	Sept. 11	2.18	Nov. 4	2.14
Mar. 3	.88	July 13	1.99	Nov. 1	2.78		

Lee County

263802N0814935.1. Local number L246. U.S. Geol. Survey. Drilled observation water-table well in shell marl of Tamiami Formation, 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: 1945-68. Affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+16.82	+18.65	+16.94	+16.03	+14.72	+13.66	+13.54	+13.22	+15.67	+16.73	+15.54	+14.65
10	17.34	17.80	16.68	15.78	14.55	13.66	13.49	13.12	15.86	16.48	15.38	14.52
15	17.54	17.54	16.42	15.57	14.34	13.64	13.29	12.97	17.02	16.40	15.20	14.37
20	17.57	17.58	16.63	15.27	14.21	13.52	13.17	13.40	16.74	16.13	15.09	14.22
25	17.30	17.36	16.64	15.05	14.03	13.45	13.07	13.70	16.37	15.90	14.95	14.11
Eom	17.00	17.16	16.25	14.87	13.83	13.35	13.03	14.00	16.50	15.71	14.82	14.23

1965

5	.....	+13.40	+15.23	+13.94	+13.13	+12.40	+13.74	+17.00	+18.31	+18.67	+18.57	+17.28
10	+13.87	13.32	e15.12	13.77	13.01	12.46	14.28	18.01	18.20	18.90	18.40	17.00
15	13.77	13.24	e14.90	13.55	12.88	13.21	15.20	17.72	17.84	19.20	18.25	16.88
20	13.72	13.13	e14.68	13.37	12.75	13.28	15.80	17.55	17.73	19.10	17.85	17.49
25	13.65	13.56	e14.46	13.30	12.64	13.33	15.55	17.15	18.89	18.96	17.56	16.43
Eom	13.52	13.72	e14.20	13.27	12.50	13.35	17.39	18.90	19.17	18.89	17.93	16.63

1966

5	+16.90	+16.31	+15.63	+14.50	+14.11	+13.28	+15.51	+16.30	+17.52	+18.15	+16.80	+15.56
10	16.51	16.09	15.36	15.50	14.08	14.47	15.13	16.43	18.41	18.69	16.58	15.40
15	16.38	16.04	15.25	15.33	13.91	14.48	14.99	16.84	18.39	18.10	16.37	15.27
20	16.24	15.99	15.03	14.90	13.68	e14.66	14.87	17.19	17.96	17.73	16.16	15.15
25	16.42	15.96	14.80	14.57	13.52	15.02	15.11	18.11	17.97	17.48	15.91	14.92
Eom	16.66	15.81	14.59	14.29	13.33	15.58	15.35	17.45	18.80	17.13	15.76	14.72

1967

5	+14.57	+13.72	+13.66	+13.18	+12.60	+13.37	+16.70	+16.50	+17.65	+18.57	+17.74	+16.40
10	14.42	13.87	13.71	13.07	12.54	13.55	16.92	16.20	17.22	19.00	17.26	16.37
15	14.28	13.84	13.65	12.95	12.47	13.75	16.55	17.55	18.45	18.43	17.13	17.02
20	14.16	13.90	13.55	12.87	12.35	16.42	16.86	17.10	17.91	18.10	16.85	16.85
25	14.03	13.87	13.45	12.95	12.36	17.17	17.30	17.80	17.38	17.85	16.70	16.65
Eom	13.87	13.75	13.30	12.73	12.31	17.05	16.92	18.38	18.83	17.49	16.55	17.08

1968

5	+17.01	+16.90	+17.35	+16.35	+15.85	+19.00	+19.47	+19.15	+18.94	+18.57	+18.70	+18.08
10	17.16	16.88	17.36	16.18	18.67	19.05	19.48	19.26	18.70	18.27	19.30	17.75
15	17.03	16.86	17.18	16.34	18.68	18.93	19.29	19.28	.....	19.18	18.90	17.62
20	16.90	17.32	16.97	16.11	18.53	19.20	19.37	18.94	.....	19.24	18.68	17.43
25	17.08	17.69	16.72	15.97	19.01	19.15	.....	18.90	.....	19.23	18.54	17.34
Eom	16.95	17.65	16.50	15.93	18.92	.....	19.15	19.20	.....	18.81	18.37	17.30

e Estimated.

263824N0814316.1. Local number L414. Lee County and City of Fort Myers. Drilled unused water-table well in limestone of Hawthorn Formation, diam 8 in, depth 94 ft, cased to 60. Lsd 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: 1948-68. Affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+16.20	+17.58	+16.80	+16.12	+15.25	+15.70	+17.75	+16.99	+19.11	+18.40	+16.65	+15.86
10	17.11	18.00	16.38	15.80	14.80	16.10	17.78	17.43	18.60	18.00	15.91	15.63
15	17.56	17.83	16.13	15.42	15.08	16.10	17.43	17.58	19.08	17.98	15.90	15.46
20	17.64	17.80	16.16	14.92	15.34	15.92	17.30	18.30	18.70	17.59	16.16	15.73
25	17.46	17.80	16.55	14.41	15.34	15.81	17.35	19.03	18.03	17.12	15.69	15.82
Eom	16.34	17.38	16.38	15.10	15.54	16.50	17.27	18.60	18.10	16.70	15.95	16.00

263824N0814316, 1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	.....	+15.64	+17.60	+16.32	+15.80	+15.54	+16.95	+18.40	+18.21	+18.68	+17.92 +16.95
10	+15.80	15.88	17.38	16.12	15.51	15.57	18.18	19.00	18.07	18.73	17.68 16.70
15	15.76	15.77	17.27	15.87	16.01	16.32	18.09	18.90	17.63	18.89	17.42 16.62
20	15.77	15.70	17.00	15.60	15.84	16.47	18.24	18.40	18.31	18.38	17.20 16.70
25	15.70	16.24	16.78	16.18	15.82	16.51	18.03	18.01	17.93	18.85	17.02 16.74
Eom	15.68	16.37	16.60	16.13	15.68	16.63	18.81	18.42	18.20	18.27	17.00 16.55
1966											
5	+16.65	+16.78	+16.65	+15.57	+15.27	+15.52	+18.00	+18.40	+18.11	.....	+15.48 +15.70
10	16.56	16.63	16.33	15.96	15.49	16.73	18.05	18.50	18.10	18.57	13.70 12.00
15	16.49	16.45	16.21	16.07	15.39	16.70	17.85	18.70	18.42	17.35	15.58 11.58
20	16.38	16.70	15.94	15.74	15.13	17.73	17.73	18.48	18.10	16.85	14.42 13.58
25	16.63	16.96	15.68	15.48	15.69	18.04	17.95	18.70	15.15	14.10	15.93 12.30
Eom	16.95	16.88	15.53	15.23	15.58	18.30	18.48	16.90	18.27	16.49	15.00 14.79
1967											
5	+15.21	+14.20	+15.39	+8.63	+13.92	+15.50	+18.55	+18.28	+13.59	+18.53	+17.25 +11.65
10	13.62	15.63	11.70	10.75	14.02	15.39	18.68	18.09	14.42	18.82	12.39 15.39
15	10.56	15.01	11.45	10.63	14.04	16.11	18.10	18.79	17.18	18.38	15.94 16.30
20	8.70	13.96	15.08	13.59	14.07	17.73	17.90	18.58	17.34	10.89	15.83 16.13
25	13.88	14.31	13.13	10.01	14.42	17.82	18.40	18.43	10.25	17.35	14.75 15.84
Eom	11.84	13.63	11.66	13.92	14.21	18.03	18.42	16.97	17.84	16.08	15.82 16.33
1968											
5	.....	.....	.....	+13.72	+13.89	+18.25	+19.05	+18.60	.....	.....	..... +14.91
10	.....	.....	.....	13.92	14.59	18.10	19.24	18.54	.....	.....	+17.76 12.72
15	.....	.....	.....	13.77	15.81	18.02	18.70	18.80	.....	.....	17.93 11.07
20	.....	.....	.....	14.07	16.03	18.80	19.68	18.41	.....	.....	16.15 15.56
25	.....	.....	.....	13.55	16.18	18.56	18.64	17.97	.....	.....	17.18 14.89
Eom	e+15.40	e+15.70	+10.72	14.10	16.64	18.80	18.00	.....	.....	.....	..... 15.04

e Estimated.

Leon County

302710N0841630.1. Local number 7. City of Tallahassee. Drilled unused artesian well in Floridan aquifer, diam 6 in, depth 314 ft, cased to 165. Lad 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. Records available: 1945-68. Recording gage removed Jan. 29, 1965. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1964

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	165.92	162.20	160.30	e159.3	159.51	159.89	160.70	157.32	155.19	155.41	156.18	156.99
10	165.61	162.36	159.49	159.42	159.14	159.91	160.72	157.05	155.12	155.80	156.34	155.44
15	164.60	162.26	159.28	159.66	159.12	160.18	160.90	156.32	155.29	155.80	156.70	154.72
20	163.44	162.22	159.08	159.84	159.20	160.55	159.75	155.65	155.11	155.84	156.74	154.22
25	162.89	.....	159.11	160.00	159.36	160.60	158.37	155.21	155.29	155.85	156.83	153.87
Eom	162.49	161.44	e159.2	159.91	159.53	160.80	157.71	155.10	155.57	155.93	157.10	154.04
1965												
5	154.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	154.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	154.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	154.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	h154.73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25, 1965	155.59	Feb. 25, 1966	155.71	Feb. 27, 1967	159.70	Feb. 26, 1968	164.63
Mar. 30	152.70	Mar. 30	153.36	Mar. 29	160.43	Mar. 27	165.20
Apr. 27	154.55	Apr. 27	154.85	Apr. 27	161.68	Apr. 25	166.10
May 27	154.62	May 26	155.98	May 29	162.80	May 27	166.60
June 28	152.82	June 30	156.16	June 26	163.45	June 26	166.79
July 29	153.10	July 26	158.30	July 26	162.30	July 29	167.15
Aug. 30	153.34	Aug. 30	157.40	Aug. 29	160.53	Aug. 27	167.05
Sept. 29	152.72	Sept. 27	157.93	Sept. 27	161.00	Sept. 26	167.13
Oct. 27	154.70	Oct. 27	158.20	Oct. 25	162.46	Oct. 28	167.33
Nov. 30	157.24	Nov. 28	159.76	Nov. 28	163.90	Nov. 26	167.71
Dec. 28	158.15	Dec. 28	160.75	Dec. 27	164.18	Dec. 27	167.22
Jan. 25, 1966	158.85	Jan. 27, 1967	160.08	Jan. 29, 1968	164.28		

303728N0841012.1. Local number 36A. U.S. Geol. Survey. Drilled observation water-table well in sandy clay of Hawthorn Formation, diam 1½ in, depth 41 ft, cased to 38, screened 38-41. Lad 102.12 ft above msl. MP top of 1½-in pipe, 3.85 ft above lsd. Highest water level 1.95 above lsd, Apr. 27, 1965; lowest 33.66 below lsd, Feb. 28, 1957. Records available: 1935-37, 1942-44, 1947-68.

303728N0841012.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1964	-19.56	Apr. 27, 1965	+1.95	July 26, 1966	-0.75	Oct. 25, 1967	-11.66
Feb. 28	8.56	May 27	.66	Aug. 30	1.15	Nov. 28	14.30
Mar. 25	5.00	June 28	1.05	Sept. 27	1.47	Dec. 27	13.94
Apr. 29	4.95	July 29	.55	Oct. 28	2.03	Jan. 29, 1968	14.61
May 27	7.45	Aug. 30	.45	Nov. 28	2.80	Feb. 26	15.85
June 29	8.57	Sept. 29	+3.30	Dec. 28	3.33	Mar. 27	16.89
July 29	2.42	Oct. 26	-.37	Jan. 27, 1967	1.87	Apr. 25	18.08
Aug. 27	2.06	Nov. 29	1.05	Feb. 27	1.85	May 27	18.30
Sept. 28	3.40	Dec. 28	-.73	Mar. 29	2.87	June 26	19.62
Oct. 29	3.11	Jan. 29, 1966	+1.10	Apr. 27	4.40	July 29	21.00
Nov. 30	4.31	Feb. 25	.44	May 29	4.90	Aug. 27	22.25
Dec. 30	2.00	Mar. 29	+61	June 26	5.80	Sept. 26	23.38
Jan. 29, 1965	2.04	Apr. 27	-.23	July 26	7.57	Oct. 28	24.60
Feb. 25	+01	May 25	+15	Aug. 29	5.97	Nov. 26	25.64
Mar. 30	1.00	June 30	-.21	Sept. 27	9.05	Dec. 27	26.50

303111N0842054.1. Local number 115. Jack Sanders. Drilled domestic artesian well in Floridan aquifer, diam 4 in, depth 194 ft, cased to 104. Lsd 113 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 74.6 below lsd, June 28, 1965; lowest 94.3 below lsd, Apr. 2, 1957. Records available: 1950-68.

Jan. 28, 1964	87.1	July 29, 1965	74.7	Sept. 30, 1966	80.7	Nov. 28, 1967	86.6
Feb. 28	85.2	Aug. 30	75.4	Oct. 31	81.5	Dec. 27	87.2
Mar. 25	82.3	Sept. 29	75.7	Nov. 30	82.1	Jan. 26, 1968	87.7
June 29	83.8	Oct. 26	77.7	Dec. 30	83.1	Feb. 27	87.6
July 29	82.3	Nov. 29	79.3	Jan. 30, 1967	82.8	Mar. 27	88.1
Aug. 27	79.9	Dec. 28	80.7	Feb. 28	82.2	Apr. 26	88.2
Sept. 28	79.2	Jan. 29, 1966	79.2	Mar. 31	83.0	May 27	88.7
Nov. 30	80.3	Feb. 25	78.0	Apr. 28	84.0	June 27	89.2
Dec. 30	77.1	Apr. 1	76.2	May 30	85.0	July 29	90.0
Jan. 29, 1965	77.2	May 3	77.2	June 29	85.7	Aug. 28	90.2
Feb. 25	77.1	June 1	79.0	July 31	85.2	Sept. 26	90.1
Mar. 30	75.0	July 1	77.4	Aug. 31	84.2	Oct. 28	90.2
Apr. 21	74.7	Aug. 1	80.0	Sept. 29	84.2	Nov. 27	90.6
May 27	75.0	Sept. 1	83.0	Oct. 31	85.1	Dec. 27	90.3
June 28	74.6						

Madison County

302822N0832555.1. Local number 18. Florida State Road Dept. Near Madison. Drilled drainage 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 6.1 below lsd, May 3, 1965; lowest 35.89 below lsd, Mar. 27, 1957. Records available: 1952-68. Recording gage removed Dec. 15, 1964. Affected by pumping of nearby well.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	32.60	27.99	24.72	22.60	19.67	19.03	21.10	19.59	e17.2	15.20	16.60	e17.6
10	32.40	28.05	23.64	22.88	17.69	19.60	21.22	18.94	17.33	15.80	17.10	.....
15	31.67	27.51	23.03	23.20	17.20	20.23	21.52	17.40	14.72	.....	17.77	h15.06
20	30.65	27.26	22.42	23.50	17.16	.....	20.65	17.81	13.50	e15.0	17.97	.....
25	29.92	26.48	22.34	23.67	17.31	.....	20.50	.....	14.00	e15.3	18.24	.....
Eom	28.92	25.94	22.37	23.00	17.95	e21.8	19.90	.....	14.89	e15.8	18.56	.....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1965	14.63	Jan. 3, 1966	23.01	Jan. 3, 1967	26.09	Jan. 5, 1968	30.03
Mar. 1	15.13	Mar. 7	16.05	Mar. 6	23.19	Mar. 4	30.55
May 3	6.1	May 2	18.92	May 1	26.77	May 7	31.40
July 2	14.61	July 11	20.98	July 6	28.13	July 8	31.83
Sept. 8	18.21	Sept. 6	21.46	Sept. 5	27.84	Sept. 9	32.56
Nov. 1	20.98	Nov. 2	23.79	Nov. 3	29.45	Nov. 4	33.55

Manatee County

272647N0821814.1. Local number 92. Ray E. Anderson. Drilled domestic 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. Highest water level 35.67 below lsd, Oct. 7, 1946; lowest 55.33 below lsd, May 13, 1965. Records available: 1941-66. Measurement discontinued.

Jan. 20, 1964	44.60	Nov. 10, 1964	45.71	Sept. 14, 1965	43.93	June 1, 1966	54.15
Mar. 11	45.52	Jan. 11, 1965	49.55	Nov. 15	44.69	July 28	46.77
May 7	46.76	Mar. 25	47.65	Jan. 10, 1966	48.96	Sept. 28	45.70
July 20	46.06	May 13	55.33	Mar. 29	50.78	Nov. 1	46.51
Sept. 17	44.35	July 1	50.10				

Marion County

291115N0815925.1. Local number 5. Florida State Road Dept. 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. Records available: 1933-68.

Mean water level for the day, above lsd, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+5.62	+7.02	+8.12	+8.49	+8.85	+9.08	+8.68	+10.04	+11.41	+14.15	+13.37	+12.68
10	5.58	7.00	8.27	8.51	9.11	9.00	8.61	10.32	11.84	14.00	13.29	12.45
15	5.66	7.46	8.33	8.57	9.13	8.88	8.56	10.59	12.38	14.11	13.08	12.32
20	6.13	7.58	8.46	8.60	9.16	8.80	8.71	10.82	13.41	13.74	13.05	12.23
25	6.35	7.96	8.35	8.65	9.24	8.71	8.88	11.07	13.78	13.68	13.02	12.25
Eom	6.62	7.82	8.32	8.77	9.16	8.64	9.50	11.29	14.03	13.54	12.75	12.03

1965

5	+12.00	+11.47	+11.59	+11.55	+11.01	+10.28	+10.46	+11.82	+13.99	+13.72	+13.29	+12.63
10	12.03	11.51	11.51	11.60	10.89	10.26	10.52	12.65	13.90	13.70	13.22	12.36
15	12.01	11.37	11.59	11.45	10.71	10.28	10.67	13.33	13.96	13.64	13.09	12.38
20	11.77	11.46	11.57	11.32	10.67	10.29	10.97	13.67	13.82	13.63	12.97	12.32
25	11.76	11.47	11.67	11.27	10.54	10.42	11.17	13.90	13.80	13.36	12.83	12.20
Eom	11.63	11.45	11.65	11.03	10.37	10.41	11.38	13.99	13.73	13.36	12.66	11.98

1966

5	+11.98	+11.19	+11.65	+11.88	+11.32	+10.85	+11.05	+11.03	+12.09	+12.40	+12.16	+11.54
10	11.75	11.25	11.75	11.85	11.28	10.94	10.98	11.15	e12.00	12.56	12.20	11.51
15	11.88	11.10	12.10	11.77	11.21	10.84	10.98	11.45	e12.15	12.53	12.05	11.24
20	11.57	11.02	12.01	11.63	11.07	10.91	10.95	11.68	12.13	12.45	12.00	11.27
25	11.52	11.24	11.95	11.61	11.11	10.98	10.83	11.93	12.07	12.57	11.87	10.95
Eom	11.23	11.46	12.00	11.43	10.96	11.13	10.94	12.10	12.22	12.43	11.68	10.96

1967

5	+10.72	+10.23	+10.16	+9.53	+8.95	+8.37	+8.11	+8.62	+9.98	+10.08	+9.32	+8.63
10	10.76	10.10	9.91	9.42	8.85	8.31	8.23	8.71	10.18	10.02	9.25	8.72
15	10.67	10.07	9.92	9.34	8.77	8.25	8.35	8.86	10.24	9.83	9.24	8.47
20	10.45	10.24	9.78	9.28	8.62	8.20	8.37	9.32	10.25	9.70	9.03	8.35
25	10.47	10.02	9.81	9.17	8.49	8.11	8.48	9.58	10.19	9.74	8.94	8.36
Eom	10.25	10.23	9.56	9.03	8.45	8.15	8.53	9.85	10.05	9.54	8.81	8.13

1968

5	+8.02	+7.56	+7.14	+6.75	+6.22	+6.06	+6.69	+7.88	+8.78	+9.60	+10.55	+10.26
10	8.12	7.50	7.18	6.69	6.12	6.07	6.82	7.99	9.21	9.65	10.61	10.13
15	7.96	7.38	6.88	6.70	6.08	6.11	7.07	7.98	9.41	9.65	10.43	10.18
20	7.82	7.44	7.00	6.43	6.03	6.39	7.35	8.02	9.54	9.79	10.38	10.08
25	7.79	7.14	6.88	6.27	6.00	6.40	7.57	8.14	9.68	10.17	10.48	9.88
Eom	7.64	7.33	6.85	6.30	5.92	6.46	7.72	8.42	9.55	10.28	10.38	9.85

e Estimated.

290514N0822707.1. (No local number). U.S. Geol. Survey. Rainbow Springs. Drilled artesian observation well in Floridan aquifer. Diam 3 in, depth 442 ft, cased to 125. Lsd 113.13 ft above msl. MP top of 6-in casing, 3 ft above lsd. Highest water level 77.46 below lsd, Oct. 31, 1964; lowest 81.74 below lsd, June 30, 1967. Records available: 1964-68.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	77.66	.....
10	77.85	78.81
15	78.05	78.99
20	79.13
25	79.25
Eom	77.46	.....	79.38

1965

5	79.49	79.98	80.08	79.98	80.27	80.55	80.55	79.81	78.49	78.78	79.09	79.56
10	79.53	80.02	80.00	80.00	80.30	80.57	80.54	79.27	78.57	78.78	79.13	79.66
15	79.61	80.08	79.91	80.07	80.36	80.54	80.50	78.91	78.57	78.83	79.20	79.70
20	79.71	80.11	79.90	80.13	80.40	80.55	80.44	78.64	78.65	78.88	79.29	79.75
25	79.77	80.15	79.90	80.16	80.47	80.55	80.37	78.53	78.72	78.99	79.41	79.84
Eom	79.88	80.16	79.93	80.21	80.51	80.57	80.22	78.49	78.75	79.05	79.51	79.96

1966

5	80.01	80.40	80.21	80.04	80.41	80.61	80.53	80.35	79.66	79.35	79.31	79.76
10	80.08	80.44	80.12	80.07	80.39	80.59	80.50	80.26	79.62	79.22	79.37	79.83
15	80.10	80.47	80.05	80.17	80.45	80.70	80.49	80.19	79.57	79.19	79.48	79.93
20	80.22	80.46	80.01	80.22	80.52	80.70	80.40	80.09	79.52	79.19	79.50	79.99
25	80.26	80.43	80.00	80.30	80.53	80.64	80.36	79.85	79.51	79.17	79.61	80.08
Eom	80.34	80.32	80.06	80.37	80.56	80.52	80.36	79.73	79.43	79.24	79.68	80.18

1967

5	80.24	80.71	80.82	81.10	81.37	81.62	81.72	81.54	80.80	80.75	80.97	81.29
10	80.30	80.85	80.86	81.15	81.42	81.62	81.71	81.50	80.78	80.74	81.05	81.30
15	80.37	80.75	80.88	81.17	81.45	81.68	81.67	81.39	80.74	80.80	81.05	81.38
20	80.45	80.73	80.96	81.24	81.51	81.69	81.64	81.24	80.75	80.81	81.13	81.45
25	80.51	80.78	80.99	81.29	81.53	81.72	81.64	81.05	80.75	80.83	81.18	81.47
Eom	80.57	80.78	81.05	81.32	81.58	81.74	81.57	80.85	80.75	80.92	81.25	81.51

1968

5	81.60	81.88	82.07	82.26	82.46	82.55	82.19	81.45	80.79	80.56	80.37	80.70
10	81.65	81.92	82.10	82.31	82.50	82.49	82.13	81.41	80.68	80.59	80.34	80.69
15	81.70	81.98	82.14	82.35	82.49	82.47	82.00	81.37	80.59	80.69	80.44	80.75
20	81.74	81.98	82.15	82.37	82.53	82.38	81.86	81.31	80.55	80.46	80.49	80.79
25	81.77	82.03	82.17	82.41	82.56	82.38	81.69	81.31	80.59	80.36	80.52	80.88
Eom	81.82	82.02	82.23	82.44	82.61	82.26	81.57	81.03	80.56	80.41	80.59	80.99

290225N0815610.1. Local number 47. A. C. Luffman. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, depth 179 ft. Lsd 72.22 ft above msl. MP bottom edge of hole in casing, 4.35 ft above lsd. Highest water level 10.39 below lsd, Oct. 31, 1960; lowest 24.67 below lsd, Apr. 4, 1956. Records available: 1936-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1964	22.51	May 4, 1965	18.05	Sept. 14, 1966	15.69	Oct. 30, 1967	19.02
Mar. 3	19.89	July 7	18.65	Oct. 31	15.47	Jan. 5, 1968	20.60
May 6	19.55	Sept. 3	14.44	Jan. 3, 1967	17.30	Mar. 7	21.81
July 10	20.02	Nov. 9	15.16	Feb. 27	19.09	May 7	22.95
Sept. 16	16.07	Jan. 21, 1966	16.83	May 1	19.77	July 2	22.27
Dec. 3	16.10	Mar. 10	16.65	July 10	20.54	Sept. 3	19.62
Jan. 14, 1965	17.33	May 4	16.95	Sept. 12	18.17	Nov. 6	17.50
Mar. 5	17.22	July 28	17.20				

285920N0815005.1. Local number 48. Drilled domestic artesian well in Floridan aquifer, diam 6 in, depth 152 ft. Lsd 61.08 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: 1936-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1964	7.27	May 4, 1965	4.23	Sept. 14, 1966	1.63	Oct. 30, 1967	4.65
Mar. 3	5.16	July 7	4.82	Oct. 31	1.48	Jan. 5, 1968	5.96
May 6	5.75	Sept. 3	1.26	Jan. 3, 1967	3.15	Mar. 4	7.14
July 10	5.97	Nov. 9	1.75	Feb. 27	4.00	May 7	8.18
Sept. 16	3.08	Jan. 21, 1966	.86	May 1	5.47	July 2	7.38
Dec. 3	2.85	Mar. 10	2.69	July 10	5.93	Sept. 3	5.04
Jan. 14, 1965	3.26	May 4	3.17	Sept. 12	4.07	Nov. 4	3.25
Mar. 5	3.49	July 28	3.15				

291015N0813850.1. Local number 49. Florida State Road Dept. Arrendondo Grant. Drilled unused artesian well in Floridan aquifer, diam 6 in, depth 175 ft. Lsd 67.20 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: 1936-68. Recording gage installed Aug. 17, 1967.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	29.65	Jan. 8, 1965	26.48	Jan. 10, 1966	25.58	Nov. 3, 1966	25.49
Mar. 6	29.02	Mar. 3	26.79	Mar. 10	25.64	Jan. 10, 1967	26.24
May 6	28.37	May 5	27.46	May 4	26.38	Feb. 27	26.71
July 10	28.73	July 9	26.86	July 13	26.42	May 1	27.90
Sept. 17	26.84	Sept. 10	24.75	Sept. 7	25.90	July 10	28.26
Nov. 4	26.27	Nov. 4	24.82				

Highest water level for the day, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.08	26.90	27.22	27.58
10	26.98	26.92	27.25	27.55
15	26.87	26.99	27.28	27.59
20	27.48	26.87	27.04	27.36	27.71
25	27.34	26.91	27.01	27.43	27.70
Eom	27.22	26.93	27.12	27.48	27.76

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.87	28.19	28.51	28.93	29.37	29.45	29.08	28.20	27.08	26.36	25.35	25.63
10	27.83	28.21	28.51	28.95	29.44	29.26	28.99	28.18	26.89	26.41	25.31	25.70
15	27.92	28.31	28.62	29.03	29.42	29.33	28.98	28.21	26.74	26.37	25.35	25.73
20	28.01	28.33	28.66	29.18	29.49	29.27	28.86	28.18	26.55	25.68	25.43	25.77
25	28.02	28.39	28.72	29.27	29.53	29.33	28.44	28.20	26.40	25.44	25.45	25.88
Eom	28.12	28.33	28.83	29.35	29.51	29.19	28.32	27.40	26.40	25.43	25.53	25.93

291120N0821025.1. Local number 51. D. P. Sawyer. Drilled unused artesian well in Floridan aquifer, diam 4 in, depth 106 ft. Lsd 74.61 ft above msl. MP top of casing, 0.05 ft above lsd. Highest water level 21.63 below lsd, Sept. 17, 1964; lowest 34.84 below lsd, Aug. 10, 1956. Records available: 1935-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	32.74	May 6, 1965	27.32	Sept. 7, 1966	25.89	Oct. 31, 1967	30.48
Mar. 6	29.95	July 9	28.08	Oct. 28	26.05	Jan. 2, 1968	30.94
May 6	29.11	Sept. 10	24.05	Jan. 17, 1967	26.73	Feb. 29	31.32
July 10	29.47	Nov. 5	25.31	Mar. 6	29.10	May 3	32.98
Sept. 17	21.63	Jan. 11, 1966	27.23	May 1	29.75	July 3	32.07
Nov. 4	23.59	Mar. 10	26.93	July 7	30.65	Sept. 16	28.58
Jan. 7, 1965	26.26	May 4	27.40	Sept. 11	30.38	Nov. 18	28.49
Mar. 3	27.15	July 13	28.15				

Martin County

265732N0801430.1. Local number M140. U.S. Geol. Survey. On Florida Highway 710, 10 mi west of Jupiter. Drilled observation water-table well in shell, diam 6 in, depth 31 ft, cased to 20. Lsd 19.59 ft above msl. MP top of casing, 2.60 ft above lsd. Highest water level 21.23 above msl, Sept. 25, 1960; lowest 15.56 above msl, June 2, 1967. Records available: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+20.52	+19.52	+18.64	+18.01	+17.92	+19.81	+18.92	+19.00	+19.57	+19.82	+19.45	+19.44
10	20.37	19.45	18.79	18.07	17.37	19.07	19.40	18.86	19.20	19.65	19.27	19.27
15	20.05	19.10	18.63	17.58	18.40	18.78	19.04	19.25	19.51	20.38	19.33	19.08
20	19.77	19.05	18.53	17.25	17.60	18.63	19.00	19.16	19.62	19.73	19.12	19.07
25	19.40	18.90	18.28	17.70	17.62	19.33	19.60	19.39	19.53	19.39	19.87	18.98
Eom	19.13	18.62	18.23	18.10	17.58	19.01	19.09	19.87	19.57	19.76	19.30	19.02

265732N0801430.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+18.92	+19.25	+19.14	+18.28	+16.74	+15.75	+18.48	+19.37	+18.37	+19.44	+19.73	+19.35
10	18.99	18.87	18.74	17.88	16.49	16.67	18.97	19.12	18.69	19.26	19.55	19.19
15	18.84	18.78	19.22	17.52	16.67	17.94	19.50	19.07	18.63	20.05	19.49	19.30
20	18.72	18.77	18.79	17.17	16.25	19.02	19.42	18.94	18.19	19.76	19.35	19.57
25	18.98	19.05	18.57	17.30	16.11	18.65	19.50	18.74	19.44	19.80	19.62	19.24
Eom	19.08	18.81	19.05	17.00	15.88	18.78	19.43	18.91	19.72	19.89	19.49	19.14
1966												
5	+19.79	+19.25	+19.07	+19.45	+19.07	+19.36	+19.72	+19.74	+18.92	+19.53	+19.01	+19.26
10	19.53	19.09	18.98	19.48	18.29	19.97	19.57	19.80	19.06	19.53	18.96	18.97
15	19.61	19.21	19.29	18.84	18.94	19.32	19.51	19.52	19.42	20.15	19.37	19.02
20	19.22	19.43	19.18	18.58	18.72	19.33	19.25	19.32	19.37	19.68	19.35	19.02
25	18.93	19.87	18.97	18.35	19.45	19.50	19.44	19.28	19.56	19.45	19.11	18.85
Eom	19.51	19.56	19.10	19.35	19.23	20.29	19.60	18.96	19.42	19.10	18.88	.....
1967												
5	+18.76	+18.24	+18.70	+17.64	+16.34	+16.04	+19.65	+19.35	+19.65	+19.91	+19.45	+19.02
10	18.53	18.95	18.45	17.27	16.08	16.32	19.40	19.52	19.43	19.80	19.27	18.95
15	18.89	18.67	18.05	16.96	15.97	16.49	19.25	19.85	19.60	19.60	19.20	19.26
20	18.55	18.40	18.80	17.20	15.91	18.58	19.12	19.79	19.24	19.45	19.48	19.23
25	18.34	19.15	18.05	16.69	15.85	19.28	19.90	19.56	19.06	20.20	19.25	18.97
Eom	18.43	18.85	18.13	16.50	15.64	19.15	19.12	19.55	19.51	19.75	19.13	18.90
1968												
5	+18.80	+18.45	+18.21	+16.97	+16.58	+20.00	+20.86	+19.60	+19.27	+19.40	+19.11	+18.85
10	19.22	18.10	18.31	16.79	16.38	19.95	20.00	19.75	19.63	19.52	19.60	18.73
15	18.84	18.04	18.14	16.55	16.60	19.80	19.52	19.55	19.53	19.56	19.33	18.65
20	18.69	18.70	17.82	16.40	16.69	20.89	19.68	19.15	19.74	19.68	19.06	18.63
25	18.70	18.85	17.52	16.20	17.55	20.99	19.32	18.96	19.74	19.53	18.97	18.32
Eom	18.40	18.86	17.20	16.29	18.85	20.94	19.25	19.23	19.72	19.21	19.07	18.23

271012N0801412.1. Local number M147. U. S. Geol. Survey. East 10th St. and Palm Beach Road, Stuart. 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 2.69 below msl, June 3, 1965. Records available: 1952-68. Affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+8.54	+7.92	+6.83	+5.22	+4.61	+3.90	+3.52	+5.24	+8.01	+7.26	+9.85	+7.80
10	8.23	8.42	6.57	5.02	4.52	4.25	3.48	5.14	7.93	7.22	9.29	8.17
15	8.51	8.06	6.20	4.77	4.42	4.13	3.40	4.87	7.62	9.47	8.92	7.80
20	8.30	7.65	6.09	4.42	4.10	3.67	3.50	5.19	7.50	9.32	8.56	7.54
25	7.95	7.42	5.70	4.19	4.04	3.65	4.53	6.34	7.50	8.77	8.42	7.27
Eom	7.60	7.17	5.43	4.32	3.90	3.73	5.55	8.82	7.34	9.54	8.21	7.09
1965												
5	+6.80	+5.33	+5.14	+4.35	+2.62	+1.72	+2.43	+3.20	+2.90	+2.80	+4.49	+3.88
10	6.54	5.48	4.97	4.02	2.40	1.89	2.28	3.30	2.90	2.88	4.56	3.56
15	6.30	5.27	4.95	3.28	2.37	1.60	2.34	3.20	2.49	2.68	4.57	3.59
20	6.00	5.15	4.81	3.07	1.88	2.50	2.62	3.05	2.87	3.21	4.37	3.28
25	5.83	5.20	4.43	3.32	2.13	2.75	2.84	2.95	2.84	3.85	4.18	3.22
Eom	5.52	5.15	4.42	3.15	1.81	2.78	3.02	3.03	2.86	4.24	3.97	3.05
1966												
5	+3.02	+3.36	+4.29	+4.39	+4.24	+4.79	+9.65	+8.72	+7.49	+8.60	+8.62	+7.59
10	2.88	3.38	4.89	4.42	4.87	7.83	9.13	9.21	8.05	10.01	8.23	7.43
15	2.90	3.11	5.10	4.56	5.01	7.90	8.80	8.92	9.94	10.40	8.00	7.28
20	2.92	3.06	4.88	4.42	4.69	7.90	8.39	8.47	9.48	9.88	7.75	7.17
25	3.33	3.47	4.56	4.29	4.72	8.32	8.10	8.12	9.00	9.50	8.27	6.95
Eom	3.35	3.88	4.49	4.21	4.61	9.82	8.64	7.74	8.71	9.00	7.90	....
1967												
5	+6.56	+5.59	+4.88	+4.09	+2.16	+1.68	+2.25	+2.40	+3.62	+5.00	+6.51	+5.40
10	6.37	5.45	4.79	3.90	1.86	1.61	2.32	3.10	3.82	5.27	6.20	5.20
15	6.09	5.29	4.60	3.64	2.20	1.70	1.95	3.57	3.98	5.32	5.65	5.04
20	6.04	5.08	4.53	3.35	1.89	1.89	2.07	3.73	4.10	5.55	6.19	4.95
25	5.95	5.05	4.39	3.00	1.82	2.06	1.99	3.80	3.95	5.91	6.00	4.82
Eom	5.75	5.04	4.28	2.83	1.56	2.22	2.37	3.59	3.93	6.65	5.65	4.65
1968												
5	+4.40	+3.39	+2.41	+1.35	+0.61	+2.85	+5.18	+5.96	+7.15	....	+8.50	+6.60
10	4.24	3.22	2.28	1.15	.62	3.35	6.85	6.13	6.75	....	8.23	....
15	4.18	3.09	2.19	1.10	.53	4.24	6.10	6.83	6.70	....	8.11	....
20	3.83	2.95	1.93	1.05	.61	4.76	7.07	6.56	6.34	....	....	....
25	3.80	2.89	1.83	.88	.69	4.92	8.08	6.26	6.32	....	....	....
Eom	3.58	2.66	1.31	.73	.81	5.10	5.77	6.90	8.15	+8.95	6.85	5.01

Nassau County

303519N0812753.1. Local number 2. G. G. Gerbing. Amelia City. 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 15.6 above lsd, May 9, 1968. Records available: 1939-40, 1944-68.

303519N0812753.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	+23.2	Sept. 16, 1964	+25.2	Jan. 6, 1966	+25.0	May 9, 1967	+18.5
Mar. 4	23.2	Jan. 6, 1965	24.8	May 9	20.8	Jan. 11, 1968	18.5
May 13	24.6	May 11	21.8	Jan. 4, 1967	21.2	May 9	15.6
July 8	24.8						

303244N0812637.1. Local number 8. Union Carbide Ore Co. 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 18.3 above lsd, May 9, 1968. Records available: 1939-40, 1944-68.

Jan. 7, 1964	+24.8	July 8, 1964	+25.2	Jan. 6, 1966	+24.6	May 9, 1967	+20.4
Mar. 4	24.8	Jan. 6, 1965	25.4	May 9	22.3	Jan. 11, 1968	21.3
May 13	26.0	May 11	22.6	Jan. 4, 1967	24.0	May 9	18.3

303801N0812737.1. Local number 12. J. W. Sheffield. 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, 1944-68. Fluctuation caused primarily by regional pumping.

Jan. 7, 1964	9.04	July 7, 1964	6.58	Jan. 6, 1966	12.46	May 9, 1967	16.30
Mar. 3	5.15	Jan. 6, 1965	11.41	May 10	17.73	Jan. 11, 1968	8.96
May 13	7.93	May 11	15.42	Jan. 4, 1967	7.38	May 8	19.46

304010N0812645.1. Local number 27. Judge Fishler and others. Atlantic Blvd. and North 18th St., Fernandina. 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. Highest water level 29.5 above lsd, Mar. 28, 1939; lowest 29.34 below lsd, June 18, 1963. Records available: 1939-41, 1944-68. Fluctuation caused primarily by regional pumping.

Jan. 7, 1964	24.66	May 11, 1965	18.72	Sept. 8, 1966	16.58	Nov. 8, 1967	24.97
Mar. 3	24.38	July 7	18.53	Nov. 3	23.49	Jan. 11, 1968	24.77
May 13	23.06	Sept. 8	15.18	Jan. 4, 1967	24.09	Mar. 6	26.38
July 7	22.39	Nov. 3	22.60	Mar. 8	24.54	May 8	26.65
Sept. 16	11.25	Jan. 6, 1966	21.04	May 9	25.25	July 10	15.17
Nov. 3	23.47	Mar. 9	24.24	July 10	13.77	Sept. 11	23.50
Jan. 6, 1965	24.39	May 10	24.68	Sept. 7	12.61	Nov. 5	21.85
Mar. 2	25.04	July 14	24.62				

303754N0813627.1. Local number 44. Seaboard Air Line RR. Co. Yulee. 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. Highest water level 22.5 above lsd, Aug. 25, 1938; lowest 3.53 below lsd, May 9, 1968. Records available: 1934, 1938, 1940, 1944-68. No measurement made in 1965. Jan. 7, 1964, +1.07; Mar. 3, +0.67; May 10, 1966, +1.26; May 9, 1967, -0.44; Jan. 11, 1968, -0.33; May 9, -3.53.

303652N0814226.1. Local number 50. R. E. Fingar. 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; lowest 16.0 above lsd, May 9, 1968. Records available: 1940-41, 1944-68.

Jan. 7, 1964	+21.0	July 7, 1964	+21.8	Jan. 6, 1966	+21.8	May 9, 1967	+17.5
Mar. 3	21.6	Jan. 6, 1965	24.8	May 10	21.3	Jan. 11, 1968	21.2
May 13	21.0	May 11	23.0	Jan. 4, 1967	22.9	May 9	16.0

303340N0815000.1. Local number 51. W. D. Copley. Callahan. Drilled domestic artesian well in Floridan aquifer, diam 2 in, reported depth 580 ft. Lsd 18.78 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 23.1 above lsd, May 9, 1968. Records available: 1940-42, 1944-68.

Jan. 7, 1964	+26.5	July 7, 1964	+28.4	Jan. 6, 1966	+29.2	May 9, 1967	+25.9
Mar. 3	28.0	Jan. 6, 1965	31.2	May 10	28.9	Jan. 11, 1968	25.4
May 13	29.8	May 11	30.0	Jan. 4, 1967	28.2	May 9	23.1

303703N0813050.1. Local number 55. L. R. Church. O'Neil. 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 4.5 above lsd, May 8, 1968. Records available: 1940, 1944-68.

Jan. 7, 1964	+10.7	July 7, 1964	+12.9	Jan. 6, 1966	+10.9	May 9, 1967	+6.8
Mar. 3	10.1	Jan. 6, 1965	10.9	May 10	6.9	Jan. 11, 1968	7.3
May 13	12.1	May 11	9.7	Jan. 4, 1967	9.8	May 8	4.5

Okaloosa County

302419N0863626.1. Local number 3. Okaloosa County. Fort Walton. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, reported depth 800 ft, cased to 500. Lsd 16.44 ft above msl. MP center of corporation cock, 0.93 ft above lsd. Highest water level 46.0 above lsd, Aug. 19, 1936; lowest 96.07 below lsd, July 3, 1968. Records available: 1936, 1946-68.

Jan. 9, 1964	47.22	Mar. 4, 1965	39.57	Apr. 29, 1966	60.51	July 11, 1967	90.52
Mar. 5	39.57	May 5	78.77	July 7	82.15	Sept. 8	83.07
May 7	52.99	July 8	88.47	Sept. 14	81.49	Nov. 8	71.87
July 7	79.82	Sept. 9	73.72	Nov. 1	57.61	Jan. 11, 1968	54.52
Sept. 9	73.95	Nov. 5	71.39	Jan. 4, 1967	47.97	Feb. 28	55.47
Nov. 5	73.27	Jan. 11, 1966	55.67	Mar. 7	44.87	May 9	85.12
Jan. 6, 1965	37.37	Mar. 9	57.92	May 3	80.37	July 3	96.07

303441N0862639.1. Local number 23. U.S. Air Force. Eglin Auxiliary Field 2. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, reported depth 652 ft, cased to 409. Lsd 155.61 ft above msl. MP top of $\frac{1}{2}$ -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: 1947-66. Measurement discontinued. Fluctuation caused primarily by regional pumping. Sept. 8, 1964, 123.55; Nov. 3, 118.2; Jan. 4, 1965, 116.7; Mar. 3, 115.3; May 3, 116.4; Apr. 28, 1966, 118.8; July 11, 122.27.

303849N0863141.1. Local number 25. U.S. Air Force. Eglin Auxiliary Field 3. 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 $\frac{1}{2}$ -in tee, 1.60 ft above lsd. Highest water level 98.5 below lsd, Oct. 30, 1947; lowest 133.4 below lsd, Nov. 6, 1967. Records available: 1947-68. Fluctuation caused primarily by regional pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	128.4	Mar. 3, 1965	128.4	May 4, 1966	129.4	July 12, 1967	132.7
Mar. 5	127.7	May 3	128.3	July 11	130.1	Sept. 5	131.4
May 6	126.6	July 6	129.6	Sept. 12	131.0	Nov. 6	133.4
July 6	128.4	Sept. 8	129.8	Oct. 31	131.5	Jan. 8, 1968	133.3
Sept. 9	129.4	Nov. 3	131.1	Jan. 5, 1967	131.6	Feb. 28	132.1
Nov. 3	129.3	Jan. 11, 1966	130.0	Mar. 6	131.0	May 7	133.0
Jan. 4, 1965	129.5	Mar. 9	129.3	May 3	131.6		

303021N0863516.1. Local number 27. U.S. Air Force. Eglin Auxiliary Field 4. 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 $\frac{1}{2}$ -in tee, 1.30 ft above lsd. Highest water level 24.0 below lsd, Apr. 14, 1948; lowest 71.7 below lsd, July 12, 1967. Records available: 1948-67. Measurement discontinued. Fluctuation caused primarily by regional pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	59.5	May 5, 1965	62.2	Mar. 9, 1966	61.2	Jan. 5, 1967	64.7
Mar. 5	58.8	July 6	66.2	May 5	64.6	Mar. 6	62.7
Sept. 9	62.9	Sept. 9	64.7	July 11	68.6	May 2	63.4
Nov. 3	62.6	Nov. 5	63.7	Sept. 12	68.7	July 12	71.7
Jan. 5, 1965	59.7	Jan. 11, 1966	60.8	Oct. 31	67.7	Sept. 5	67.6
Mar. 4	58.8						

303512N0863751.1. Local number 29. U.S. Air Force. Eglin Auxiliary Field 5. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, depth 710 ft, cased to 524. Lsd 178.03 ft above msl. N.P. top of concrete pumpbase, 0.75 ft above lsd (since May 6, 1966). Highest water level 99.8 below lsd, Oct. 28, 1947; lowest 140.83 below lsd, Nov. 13, 1968. Records available: 1947-68. Recording gage installed May 6, 1966. Fluctuation caused primarily by regional pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	128.0	Sept. 9, 1964	129.6	May 3, 1965	128.1	Jan. 11, 1966	129.8
Mar. 5	126.8	Nov. 3	129.5	July 6	130.6	Mar. 9	129.3
May 7	126.8	Jan. 5, 1965	128.7	Sept. 8	130.5	May 2	129.6
July 7	129.8	Mar. 4	127.8	Nov. 3	130.4		

Highest water level for the day, from recorder graph, 1966

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	130.18	131.50	.....	.....	.....	133.24	132.68
10	129.50	130.20	131.77	.....	134.70	.....	132.96	132.36
15	219.71	130.59	131.95	.....	.....	.....	133.01	132.57
20	129.79	130.81	132.13	132.80	.....	.....	132.90	132.17
25	129.74	131.21	.....	132.74	.....	.....	132.78	132.30
Eom	129.93	131.19	.....	.....	.....	.....	132.71	131.87

1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	131.90	131.00	130.44	130.88	132.27	133.53	134.40	134.97	135.12	135.10	.....	134.81
10	131.76	130.82	130.60	131.03	132.43	133.65	134.48	135.03	134.78	134.97	135.11	134.15
15	131.48	130.83	130.53	131.22	132.65	133.77	134.55	135.20	134.80	135.26	134.90	134.35
20	131.57	130.60	130.62	131.40	132.85	133.90	134.80	.....	134.79	135.40	134.88	134.35
25	131.37	130.93	130.63	131.74	133.18	134.19	134.88	.....	134.81	135.31	134.67	134.16
Eom	131.38	130.60	130.75	132.04	133.40	134.22	134.95	.....	134.97	135.05	134.75	133.91

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	134.01	133.31	132.93	132.96	133.99	135.66	137.08	138.28	139.14	139.97	140.43	140.23
10	133.61	133.09	132.69	133.04	134.38	135.91	137.24	138.33	139.27	140.08	140.43	140.35
15	133.55	133.19	133.00	133.14	134.68	137.84	137.58	138.53	139.50	140.16	140.53	140.08
20	133.61	132.96	132.80	133.35	134.98	136.53	137.68	138.68	139.53	140.26	140.66	139.82
25	133.31	133.13	132.86	133.64	135.23	136.67	137.86	138.72	139.66	140.35	140.53	139.73
Eom	133.41	132.77	132.86	133.83	135.57	136.97	138.10	138.85	139.90	140.50	140.39	139.40

e Estimated.

h Tape measurement.

303745N0864421.1. Local number 31. U.S. Air Force. Eglin Auxiliary Field 6. Drilled public-supply artesian well in Floridan aquifer, diam 10 in, reported depth 690 ft, cased to 527. Lsd 135.07 ft above msl. MP top of $\frac{1}{2}$ -in tee, 1.40 ft above lsd. Highest water level 46.8 below lsd, Apr. 14, 1948; lowest 75.5 below lsd, Nov. 8, 1967. Records available: 1948-68. Fluctuation caused primarily by regional pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	70.4	May 4, 1965	70.4	July 6, 1966	72.9	July 12, 1967	74.9
Mar. 5	69.8	July 8	71.6	Sept. 13	73.5	Sept. 6	75.1
May 7	68.8	Sept. 8	71.6	Nov. 2	74.0	Nov. 8	75.5
Sept. 9	70.1	Nov. 3	72.0	Jan. 4, 1967	74.0	Jan. 9, 1968	75.2
Nov. 3	70.3	Jan. 11	71.6	Mar. 7	73.4	Feb. 28	75.0
Jan. 5, 1965	70.8	Mar. 9	71.4	May 2	73.5	May 8	75.2
Mar. 4	70.3	May 5	71.8				

Okeechobee County

272315N0810109.1. Local number OK2. U.S. Geol. Survey. On Florida Highway 66, 1 mi west of Bassinger. 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 37.94 above msl, May 24, 1968. Records available: 1949-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+41.82	+42.22	+42.25	+41.27	+42.21	+42.95	+42.23	.....	.....	+44.34	+43.49	+43.63
10	+41.97	+42.68	+42.11	+41.10	+41.95	+42.86	+42.27	.....	.....	+44.05	+43.33	+43.51
15	+42.08	+42.60	+41.93	+40.94	+41.99	+43.09	+41.87	+43.04	.....	+44.45	+43.20	+43.28
20	+42.06	+42.61	+41.78	+40.77	+41.92	+42.60	+42.43	.....	.....	+43.92	+43.04	+43.06
25	+42.05	+42.41	+41.59	+41.02	+42.77	+42.26	+42.78	.....	.....	+43.72	+42.92	+42.87
Eom	+42.02	+42.34	+41.44	+41.82	+42.47	+41.95	+43.10	+43.44	.....	+43.65	+42.82	+42.98

1965

5	+42.76	+42.10	+42.25	+41.88	+40.92	+39.97	+40.84	+42.42	+43.47	+43.44	+43.27	+42.14
10	+42.64	+42.02	+42.72	+41.74	+40.76	+40.15	+40.67	.....	+43.38	+43.48	+43.05	+41.98
15	+42.55	.....	+42.49	+41.48	+40.61	+40.50	+40.90	.....	+43.21	+43.37	+42.85	+41.95
20	+42.45	+41.86	+42.24	+41.38	+40.43	+40.77	+41.93	+42.80	+42.97	+43.25	+42.64	+41.85
25	+42.35	+42.29	+42.13	+41.23	+40.29	+40.89	+42.75	+42.81	+42.88	+43.52	+42.44	+41.79
Eom	+42.23	+42.36	+41.91	+42.07	+40.12	+41.01	+42.42	+43.43	+43.33	+43.34	+42.28	+41.69

1966

5	+41.82	+42.73	+43.23	+42.27	+41.42	+42.80	+44.50	+45.30	+44.28	+44.75	+43.94	+43.08
10	+42.05	+42.54	+43.02	+42.19	+41.30	+43.96	+44.70	+45.90	+44.02	+46.05	+43.81	+43.00
15	+42.12	+42.37	+42.87	+42.05	+41.55	+44.29	+44.72	+45.20	+45.88	+46.19	+43.64	+42.86
20	+42.02	+42.47	+42.71	+41.89	+41.44	+44.98	+43.95	+45.52	+44.65	+44.84	+43.50	+42.75
25	+42.20	+43.42	+42.52	+41.73	+42.85	+44.79	+44.75	+44.75	+44.38	+44.67	+43.35	+42.62
Eom	+42.70	+43.41	+42.32	+41.57	+43.15	+45.32	+44.80	+44.75	+45.63	+44.20	+43.20	+42.48

1967

5	+42.33	+41.68	+42.21	+41.29	+40.31	+39.41	+40.27	.....	.....	+40.92	+40.89	+39.98
10	+42.25	+41.65	+42.13	+41.08	+40.12	+39.45	+40.41	.....	+40.47	+41.19	+40.70	+39.87
15	+42.13	+41.67	+41.93	+40.93	+39.98	+39.40	+40.36	.....	+40.72	+41.22	+40.52	+39.83
20	+42.03	+41.60	+41.71	+40.80	+39.83	+39.45	+40.18	.....	+40.87	+41.04	+40.37	+39.76
25	+41.95	+42.29	+41.56	+40.65	+39.71	+39.30	+40.22	.....	+40.84	+40.94	+40.22	+39.66
Eom	+41.79	+42.31	+41.39	+40.50	+39.55	+39.33	+40.37	.....	+40.77	+40.95	+40.10	+39.67

1968

5	+39.71	+39.43	+39.11	+38.85	+38.32	+41.69	+44.92	+44.64	+44.43	+44.29	+44.32	+43.80
10	+39.71	+39.37	+39.07	+38.78	+38.20	+42.46	+45.64	+44.76	+44.35	+44.93	+46.03	+43.00
15	+39.72	+39.30	+39.05	+38.69	+38.15	+43.36	+44.93	+44.34	+44.92	+45.19	+45.02	+43.49
20	+39.64	+39.23	+39.02	+38.60	+38.06	+43.59	+44.35	+45.21	+44.58	+46.01	+44.49	+43.38
25	+39.56	+39.20	+38.98	+38.51	+38.14	+43.52	+44.85	+45.58	+44.56	+46.19	+44.16	+43.27
Eom	+39.49	+39.16	+38.92	+38.42	+39.68	+44.11	+44.62	+45.42	+45.08	+44.65	+43.96	+43.14

e Estimated.

272932N0804822.1. Local number OK3. U.S. Geol. Survey. On Florida Highway 15, 2 mi south of Fort Drum. 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 56.56 above msl, June 1, 1967. Records available: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+60.23	+61.24	+59.76	+59.18	+60.10	+59.17	+58.75	+59.17	+61.28	+60.84	+59.43	+60.30
10	60.40	60.65	59.62	58.87	59.54	60.09	59.35	59.43	61.40	60.02	59.64	59.68
15	60.27	60.14	59.64	58.64	60.60	59.32	58.87	59.27	61.35	61.07	59.62	59.47
20	60.15	60.30	59.53	58.41	59.60	58.84	58.57	61.01	60.89	60.07	59.45	59.32
25	59.92	59.90	59.23	59.34	59.44	58.90	60.22	60.39	60.13	60.70	59.50	59.20
Eom	59.82	60.28	59.52	60.20	59.05	59.08	59.39	61.02	60.08	60.07	59.44	59.43

1965

5	+59.31	+59.23	+60.42	+59.26	+57.98	+57.29	+58.21	+59.75	+58.86	+59.73	+60.35	+59.20
10	59.14	59.40	59.67	58.85	57.80	57.12	58.21	60.41	59.05	60.20	59.92	59.03
15	59.15	59.07	59.65	58.50	57.64	57.10	58.29	60.33	58.55	60.62	59.73	59.60
20	59.02	59.12	59.31	58.26	57.48	58.20	59.94	59.43	58.83	59.70	59.55	60.14
25	58.96	59.93	59.12	58.52	57.35	58.56	59.85	59.17	58.54	59.84	59.40	59.54
Eom	58.74	59.46	59.82	58.24	57.19	58.25	60.37	59.23	59.50	61.10	59.31	59.35

1966

5	+60.53	+59.84	+60.13	+59.95	+58.49	+59.43	+60.34	+60.39	+59.77	+60.63	+59.74	+59.42
10	59.80	59.69	59.67	59.68	58.62	60.88	59.75	61.19	60.97	61.13	59.61	59.12
15	59.88	59.68	59.53	59.14	59.25	61.12	60.93	61.13	60.47	61.28	59.58	59.02
20	60.24	60.32	59.38	58.80	59.58	61.22	59.87	60.66	60.37	60.30	59.40	59.20
25	59.99	60.88	59.17	58.56	59.85	60.15	61.27	60.68	59.84	60.67	59.34	58.92
Eom	60.32	60.30	59.32	58.89	59.54	61.18	60.95	60.57	61.09	59.44	59.14	58.80

1967

5	+58.89	+58.23	+59.08	+57.76	+57.19	+57.59	+60.81	+59.37	+58.90	+59.30	+59.19	+58.13
10	58.86	58.86	59.09	57.82	57.06	58.48	60.34	59.35	58.65	59.67	58.80	58.03
15	58.66	59.03	58.72	57.69	56.98	58.86	60.20	60.08	59.07	59.07	58.64	58.96
20	58.59	58.70	58.49	57.59	56.86	60.05	59.68	59.95	58.52	59.03	58.53	58.64
25	58.44	59.50	58.26	57.44	56.78	59.85	60.31	59.33	58.28	59.79	58.37	58.46
Eom	58.29	59.28	58.10	57.32	56.59	59.59	59.37	59.16	59.49	59.35	58.26	59.15

272932N0804822.1--Continued.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+58.88	+58.13	+58.41	+57.73	+57.29	+60.97	+61.00	+60.23	+59.68	+59.46	+59.74	+59.45
10	58.67	58.00	58.61	57.62	57.06	60.90	61.14	60.58	59.40	59.17	60.73	59.30
15	58.55	57.92	58.35	57.53	57.84	60.58	60.64	59.90	60.06	59.31	60.37	59.32
20	58.38	58.72	58.13	57.42	57.99	60.96	60.70	59.52	59.80	61.10	59.94	59.33
25	58.30	58.80	57.97	57.28	58.03	60.74	59.88	59.32	60.39	61.06	59.69	59.15
Eom	58.17	58.62	57.83	57.19	59.20	60.60	60.18	59.52	59.97	60.00	59.57	59.09

Orange County

283253N0812834.1. Local number 47. Orange County. 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, 12.72 ft above lsd. Highest water level 8.66 above lsd, Mar. 20, 1960; lowest 16.50 below lsd, May 15, 1968. Records available: 1930-33, 1943-68.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.06	5.98	7.10	.....	8.86	10.80	10.95	11.10	8.31	5.65	7.33	.....
10	8.69	5.67	7.60	.....	9.31	10.02	11.22	10.69	5.78	5.12	.....	.....
15	5.86	6.39	7.88	.....	9.90	10.85	11.52	10.03	4.51	5.76	.....	.....
20	5.54	6.00	.....	.....	10.22	11.21	11.33	9.85	4.87	6.41	.....	.....
25	6.41	6.40	.....	10.56	10.77	11.45	11.20	9.55	5.23	6.90	.....	.....
Eom	6.72	6.85	.....	9.61	11.34	11.30	11.02	8.43	5.67	7.21	.....	.....

1965

5	.....	9.56	9.61	10.10	12.19	14.07	.....	.....	9.76	.....	9.90	10.37
10	.....	9.67	9.88	10.85	12.63	13.40	.....	.....	9.90	.....	9.89	10.63
15	.....	9.95	9.07	11.52	13.30	12.65	.....	.....	10.52	.....	10.16	10.72
20	.....	10.06	8.97	11.90	13.89	.....	.....	.....	10.20	.....	10.38	10.45
25	9.29	9.42	9.20	11.64	14.08	.....	.....	.....	10.40	.....	10.40	10.46
Eom	e9.2	9.54	9.52	11.61	13.80	.....	h10.28	9.74	.....	9.90	10.51	10.74

1966

5	10.63	10.08	7.33	8.61	11.15	10.28	7.12	6.36	.....	4.97	6.88	8.35
10	10.30	10.41	7.82	8.58	h10.08	8.75	7.44	4.84	.....	5.21	7.23	8.68
15	10.30	10.65	7.80	9.24	9.72	8.81	7.64	5.19	4.88	.....	7.58	8.72
20	10.75	9.87	8.16	.....	10.72	8.40	8.00	5.63	4.60	6.28	7.85	8.55
25	10.33	8.45	8.72	.....	10.46	8.27	8.03	4.85	4.50	6.27	7.90	8.83
Eom	9.98	7.92	8.90	.....	10.06	7.42	6.95	4.40	4.62	h6.80	7.86	8.95

1967

5	8.90	9.50	9.12	11.14	13.53	14.10	12.04	10.74	8.63	9.25	10.55	.....
10	9.07	9.22	9.03	11.54	13.57	13.76	11.85	9.45	8.21	9.20	10.95	.....
15	9.36	8.60	9.63	11.76	14.10	13.92	.....	8.42	8.02	9.69	.....	11.68
20	9.53	9.02	10.05	12.35	14.39	13.22	12.01	8.38	.....	9.86	.....	11.92
25	9.61	8.97	10.48	12.84	13.97	13.21	11.12	8.54	9.13	10.11	11.80	11.93
Eom	9.60	8.90	10.58	12.96	14.49	12.58	11.08	8.53	9.13	10.50	e11.7	11.95

1968

5	12.14	12.87	13.14	14.53	.....	11.50	9.75	9.30	9.00	8.89	7.53	7.94
10	12.12	12.83	12.94	15.90	.....	11.60	9.30	9.55	8.27	8.55	7.53	8.30
15	.....	13.19	12.61	.....	16.50	11.78	9.40	9.50	7.61	8.53	7.17	.....
20	.....	12.60	13.04	.....	15.94	10.53	8.90	9.22	8.24	.....	7.30	.....
25	.....	12.80	13.43	.....	16.00	10.83	9.15	9.47	8.38	.....	7.36	8.61
Eom	.....	12.64	14.01	e15.85	14.87	10.65	9.60	8.93	8.49	7.50	7.67	.....

e Estimated.

h Tape measurement.

283253N0812834.2. Local number 47B. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 6 in, depth 20 ft, cased to 17, gravel-packed 13-20. Lsd unknown. MP top of casing, 9.80 ft above lsd. Highest water level 9.8 above lsd, Oct. 11, 1960; lowest 11.82 below lsd, Apr. 10, 1968. Records available: 1948-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	5.78	May 20, 1965	9.72	Aug. 24, 1966	4.06	Nov. 9, 1967	8.43
Feb. 24	4.98	June 18	10.29	Sept. 29	3.39	Dec. 14	9.72
Mar. 19	9.04	July 29	8.89	Nov. 1	4.13	Jan. 2, 1968	10.02
May 22	6.77	Aug. 30	7.52	Dec. 8	5.49	Feb. 1	10.72
June 23	7.90	Sept. 21	7.96	Jan. 10, 1967	6.52	Mar. 12	10.35
July 29	8.76	Oct. 27	7.76	Feb. 23	7.05	Apr. 10	11.82
Aug. 26	7.90	Dec. 9	8.57	Mar. 23	7.74	June 12	11.72
Sept. 24	4.62	Jan. 25, 1966	8.70	May 5	9.94	July 30	8.79
Oct. 27	4.56	Feb. 24	8.11	26	10.98	Aug. 15	8.54
Dec. 17	5.85	Mar. 25	6.40	July 3	10.98	Sept. 23	7.10
Jan. 22, 1965	6.71	May 2	6.44	Aug. 3	10.40	Nov. 4	5.62
Feb. 26	7.21	23	7.92	Sept. 6	7.97	27	5.54
Mar. 24	6.83	June 22	6.73	Oct. 5	7.51	Dec. 24	6.33
Apr. 27	8.45	July 29	5.61				

283222N0812833.1. Local number 47C. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 6 in, depth 50 ft, cased to 46, gravel-packed 44-50. Lsd unknown. 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: 1948-68. Recording gage installed April 1967; removed June 1968.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	34.28	Feb. 26, 1965	34.74	Jan. 25, 1966	36.24	Dec. 8, 1966	32.79
Feb. 24	33.52	Mar. 24	35.20	Feb. 24	36.59	Jan. 10, 1967	33.45
Mar. 19	33.24	Apr. 27	35.65	Mar. 25	36.14	Feb. 23	34.09
May 22	32.96	May 20	35.93	May 2	35.00	Mar. 23	34.80
June 23	33.06	June 18	36.29	23	34.94	June 12, 1968	38.41
July 29	33.65	July 29	36.63	June 22	34.79	Aug. 28	36.51
Aug. 26	34.07	Aug. 30	35.92	July 29	33.99	Sept. 23	36.13
Sept. 24	33.87	Sept. 21	35.53	Aug. 24	33.18	Nov. 4	34.47
Oct. 27	32.80	Oct. 27	35.30	Sept. 29	32.00	27	33.58
Dec. 17	33.45	Dec. 9	35.63	Nov. 1	32.06	Dec. 24	33.52
Jan. 22, 1965	34.10						

Highest water level for the day, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	35.47	35.96	36.44	36.88	36.69	35.93	35.72	35.77
10	33.45	.....	.....	.....	35.54	35.98	36.52	36.93	36.48	35.85	35.65	35.85
15	35.18	35.62	36.06	36.59	36.99	36.33	35.81	35.65	35.97
20	34.09	34.80	35.26	35.70	.....	36.67	37.04	36.20	35.78	35.65	36.05
25	35.33	35.78	.....	36.74	37.06	36.08	35.75	35.68	36.16
Eom	35.39	35.91	.....	36.81	36.95	36.00	35.73	35.73	36.25

1968

5	36.33	36.48	37.19	37.59	37.95	38.20	.....	.....	.....	.....	.....	.....
10	36.42	36.84	37.25	37.66	37.46	38.41	.....	.....	.....	.....	.....	.....
15	36.47	36.92	37.35	37.74	38.03	.....	.....	.....	.....	.....	.....	.....
20	36.55	37.01	37.37	37.74	38.08	.....	.....	.....	.....	.....	.....	.....
25	36.62	37.07	37.43	37.79	38.13	.....	.....	.....	.....	.....	.....	.....
Eom	36.71	37.13	37.47	37.84	38.15	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Osceola County

281722N0805430.1. Local number OS171. U.S. Geol. Survey. 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 27.48 above msl, June 1, 1967. Records available: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+31.72	+32.17	+31.65	+31.09	+30.88	+30.85	.....	.....	+32.03	+31.47	+31.03	+31.73
10	31.90	32.00	31.31	30.85	30.38	30.66	+30.07	.....	32.68	31.71	30.85	31.64
15	32.04	31.71	31.11	30.50	31.20	30.05	29.13	.....	31.93	32.05	30.70	31.37
20	31.88	31.96	31.27	29.95	34.45	29.55	.....	+31.83	31.65	31.50	30.60	31.20
25	31.72	31.73	30.92	29.54	29.91	e29.07	.....	32.15	31.24	31.13	31.94	31.07
Eom	31.77	31.78	31.92	29.84	29.21	e29.50	e29.00	32.19	31.14	31.11	31.70	31.00

1965

5	e+31.00	+30.98	+31.62	+31.33	.....	+27.95	e+32.15	.....	+31.17	+31.95	+31.00	+30.79
10	30.88	31.58	31.27	30.90	.....	e28.68	32.20	.....	31.24	31.76	31.59	30.53
15	31.55	31.24	31.23	30.57	.....	e29.65	32.08	.....	30.79	31.70	31.23	30.93
20	31.45	31.13	31.01	30.01	+28.40	e30.05	e32.04	+31.34	31.25	31.80	31.98	31.70
25	31.30	31.78	30.96	29.60	28.23	e30.85	31.59	31.27	31.29	31.72	31.88	31.47
Eom	31.05	31.77	31.92	29.30	28.08	e31.60	e31.21	31.68	32.37	31.21	31.05	31.12

1966

5	+31.23	+31.49	+31.75	+31.32	+29.66	+31.28	+31.73	+31.80	+30.62	+32.04	+30.13	+29.67
10	31.04	31.26	31.43	31.05	31.96	32.48	31.09	31.43	32.42	31.50	29.88	29.50
15	31.20	31.17	32.18	30.72	31.20	32.07	30.80	31.17	32.10	31.25	29.61	29.30
20	31.44	31.79	31.54	30.32	31.02	32.30	30.40	31.02	32.61	30.91	29.43	29.43
25	31.74	32.34	31.09	29.74	32.38	31.94	31.84	30.99	31.78	30.87	29.57	29.13
Eom	31.84	32.60	31.13	29.38	31.80	32.30	31.73	30.64	32.31	30.48	29.23	29.05

1967

5	+29.64	+28.80	+30.95	+29.19	+28.10	+28.10	.....	+31.61	+30.95	+31.17	+30.13	+28.98
10	29.33	30.28	30.82	28.92	28.00	.....	+30.97	31.77	31.86	31.49	29.99	28.93
15	29.21	30.75	30.68	28.72	27.85	.....	31.28	32.62	32.33	31.14	29.62	30.45
20	29.07	30.61	30.25	28.55	27.71	.....	31.80	31.73	31.60	.....	29.29	30.30
25	28.98	31.16	29.82	28.40	27.63	.....	32.26	31.13	31.06	.....	29.19	29.95
Eom	28.87	30.98	29.46	28.24	27.51	.....	31.87	30.85	31.56	30.35	29.11	29.70

1968

5	+29.52	+28.87	+29.54	+28.67	+28.67	+30.60	+31.68	+31.25	+30.95	+30.25	+32.33	+32.52
10	29.32	28.77	29.58	.....	28.42	e30.35	32.71	31.53	30.93	31.34	31.71	32.67
15	29.23	28.72	29.82	.....	28.61	31.97	31.93	31.30	31.36	31.43	31.76	32.77
20	29.13	29.90	29.43	.....	28.51	32.73	32.34	30.95	31.50	31.73	31.93	32.85
25	29.10	30.11	29.11	.....	28.38	31.60	31.68	30.55	30.85	31.67	32.32	32.96
Eom	29.03	29.92	28.87	e28.27	28.42	31.97	31.06	31.44	30.59	32.21	32.40	33.10

e Estimated.

280620N0805426.1. Local number OS179. U.S. Geol. Survey. On U.S. Highway 192, near Deer Park. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 18 ft, cased to 18, gravel-packed 13-18. Lsd 49.00 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: 1949-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+46.74	+47.28	+46.83	+46.07	+46.55	+45.70	+44.94	+44.98	+46.95	+46.66	+46.30	+46.75
10	46.85	47.00	46.50	45.76	45.95	45.38	44.80	45.92	47.80	46.70	46.14	46.64
15	46.90	46.86	46.30	45.62	46.90	45.19	44.85	46.47	47.95	47.25	46.00	46.26
20	47.20	47.05	46.20	45.47	46.40	44.95	44.93	47.47	47.00	46.85	45.86	46.02
25	46.90	46.87	45.98	45.33	45.95	44.97	45.20	46.95	46.84	46.63	45.75	45.85
Eom	46.84	46.98	46.52	45.43	45.60	44.85	45.25	47.40	46.59	46.44	46.14	45.70
1965												
5	+45.44	+45.81	+46.60	+46.36	+45.57	+44.20	+45.66	+45.99	+46.63	+47.00	+46.68	+45.98
10	45.48	46.48	46.17	45.97	45.25	44.52	46.40	45.77	46.70	46.99	46.89	45.81
15	46.58	46.05	46.13	45.69	45.03	45.47	46.77	46.17	46.12	47.51	46.74	45.91
20	46.55	45.75	45.92	45.50	44.76	45.86	47.05	45.91	46.91	47.04	46.45	46.65
25	46.20	46.75	45.75	45.30	44.61	46.57	46.63	45.66	46.65	47.04	46.28	46.56
Eom	45.88	46.64	46.75	46.05	44.35	46.08	46.06	46.88	47.36	46.85	46.13	46.13
1966												
5	+46.00	+46.77	+47.12	+46.95	+45.64	+46.58	+46.87	+46.68	+46.14	+46.91	+46.02	+45.28
10	45.87	46.68	46.77	46.70	46.14	47.05	46.56	47.25	47.13	47.09	45.95	45.21
15	45.75	46.64	47.21	46.27	45.80	46.93	46.32	46.77	46.99	47.01	45.72	45.12
20	46.16	47.01	46.80	46.09	45.51	47.61	46.05	46.40	47.32	46.70	45.59	45.05
25	46.82	47.27	46.58	45.87	46.02	47.02	45.95	46.77	46.78	46.49	45.50	44.93
Eom	46.95	46.99	46.19	45.73	46.95	47.61	46.59	46.53	47.20	46.24	45.35	44.82
1967												
5	+44.78	+44.25	+44.58	+43.79	+43.26	+42.68	+45.07	+45.88	.....	.....	+44.26	+43.55
10	44.69	44.55	44.41	43.72	43.19	43.07	45.10	45.68	.....	.....	44.70	43.37
15	44.52	44.59	44.18	43.68	43.06	43.30	44.83	46.50	+47.25	.....	44.54	44.86
20	44.40	44.51	44.07	43.55	42.98	43.97	44.99	46.08	46.52	.....	44.22	44.58
25	44.36	44.72	44.01	43.48	42.86	44.14	46.54	.....	.....	.....	43.83	44.50
Eom	44.29	44.72	43.90	43.35	42.77	44.56	46.43	.....	.....	+44.44	43.67	44.44
1968												
5	.....	+44.00	+43.95	+43.75	+43.38	+47.99	+47.43	+47.20	+46.00	+46.07	+46.86	+46.51
10	.....	43.94	43.96	43.70	43.31	47.60	48.17	47.14	46.24	47.34	47.34	46.39
15	.....	43.89	43.96	43.66	43.23	47.71	47.40	47.16	47.02	47.54	47.23	46.27
20	.....	44.02	43.94	43.57	43.20	48.36	47.53	46.56	46.48	47.51	47.13	46.18
25	.....	43.92	43.87	43.48	43.17	47.48	47.39	46.23	46.27	47.40	46.73	46.07
Eom	+44.06	43.93	43.81	43.41	43.20	47.42	46.99	46.24	46.34	47.07	46.64	45.94

e Estimated.

281141N0810943.1. Local number OS181. U.S. Geol. Survey. On U.S. Highway 192. 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 71.05 above msl, May 25, 1968. Records available: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+76.25	+76.95	+76.25	+75.58	+76.25	+74.51	+75.82	+76.07	+77.45	+76.38	+75.76	+75.28
10	76.25	76.88	76.05	75.36	75.70	74.37	75.47	76.12	78.75	76.35	75.60	75.27
15	76.73	76.44	75.85	75.15	75.45	74.25	75.16	76.55	77.74	77.09	75.45	75.02
20	76.50	76.84	75.75	74.94	75.24	74.06	74.96	76.12	77.11	76.45	75.20	74.84
25	76.24	76.40	75.57	74.90	75.01	73.86	76.22	76.01	76.76	76.12	75.13	74.74
Eom	76.40	76.53	75.92	75.52	74.73	73.85	75.91	77.88	76.50	75.91	75.01	74.63
1965												
5	+74.48	+e74.51	.....	+e74.92	+e73.83	+72.91	.....	+77.54	+75.93	+76.51	+75.69	+74.90
10	74.40	e74.83	.....	74.51	e73.68	72.88	+76.14	77.04	75.74	76.24	75.61	.....
15	74.54	74.79	.....	74.28	e73.51	74.12	76.28	.....	75.55	76.49	75.46	.....
20	e74.50	.....	.....	74.14	73.36	.....	76.05	76.67	75.40	76.36	75.30	.....
25	e74.40	.....	.....	74.12	73.20	.....	75.74	76.50	75.30	76.21	75.15	.....
Eom	e74.28	.....	.....	e74.01	73.02	.....	76.10	76.04	e76.70	75.86	75.03	.....
1966												
5	+74.98	.....	+77.26	+76.04	+74.82	+74.62	+76.29	+75.91	+75.50	+77.10	+75.83	+74.97
10	74.86	+75.60	76.60	75.76	75.55	75.83	75.88	75.90	76.53	76.84	75.69	74.89
15	.....	75.40	76.69	75.55	75.39	76.09	75.69	76.16	77.88	76.58	75.54	74.83
20	.....	76.08	76.32	75.36	74.92	76.74	75.51	75.87	78.70	76.45	75.40	74.75
25	.....	77.22	76.10	75.16	74.72	76.16	75.34	76.31	77.27	76.26	75.35	74.65
Eom	.....	77.75	75.91	74.96	74.73	76.50	75.96	75.78	77.90	76.02	75.10	74.52
1967												
5	+74.48	+74.04	+74.73	+73.85	+72.98	+72.22	+74.26	.....	.....	+75.35	+74.32	+73.81
10	74.39	74.70	74.58	73.72	72.84	72.13	74.81	.....	.....	75.22	74.21	73.64
15	74.29	74.78	74.39	73.11	72.71	72.04	74.84	.....	+76.83	75.03	74.43	74.09
20	74.22	74.60	74.20	.....	72.58	72.16	74.62	.....	75.99	74.84	74.32	73.86
25	74.15	75.08	74.03	.....	72.47	73.64	75.18	.....	75.65	.....	74.13	73.73
Eom	74.12	74.95	74.00	73.14	72.33	73.62	.....	.....	75.64	74.40	73.93	73.61
1968												
5	.....	.....	+72.61	+72.16	+71.29	+75.25	+75.15	+74.41	+73.34	+73.17	+74.01	+73.92
10	.....	.....	72.46	71.99	71.18	75.29	75.59	74.21	73.28	73.08	74.45	73.84
15	.....	+72.60	72.39	71.83	71.11	75.24	75.59	74.04	73.89	73.63	74.61	73.73
20	.....	72.76	72.65	71.65	71.08	74.67	75.13	73.81	73.70	74.90	74.42	73.67
25	.....	72.71	72.51	71.53	71.05	75.02	75.41	73.60	73.44	74.52	74.24	73.62
Eom	.....	72.74	72.30	71.43	71.37	75.08	74.73	73.48	73.32	74.20	74.05	73.56

e Estimated.

274646N0810747.1. Local number OS182. U.S. Geol. Survey. On Florida Highway 60, 4.3 mi east of Kissimmee River bridge. 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, 1950. Records available: 1949-68.

Highest water level for the day, above msl, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+60.83	+61.45	+60.72	+59.86	+60.86	+59.15	+58.16	+59.40	+61.45	+60.47	+59.25 +59.74
10	61.23	61.40	60.27	59.60	60.21	59.16	58.07	60.21	61.32	60.03	59.05 59.75
15	61.36	61.05	59.90	59.30	60.23	58.93	57.97	60.87	61.50	60.48	58.88 59.50
20	61.20	61.13	59.70	59.03	59.95	58.66	57.85	61.43	61.38	60.09	58.76 59.78
25	60.97	60.95	59.48	58.77	59.55	58.40	58.30	61.38	61.02	59.68	58.65 59.10
Eom	60.92	60.92	60.17	59.63	59.14	58.20	59.45	61.50	60.40	59.42	59.19 58.95
1965											
5	.....	+58.38	+60.30	+58.87	+e58.45	+57.60	+e60.29	+61.50	.....	.....	+61.34 +59.63
10	+58.73	58.63	60.03	e58.65	e58.28	e58.60	60.84	61.35	.....	61.00	61.15 59.43
15	58.62	58.61	59.63	e58.47	e58.11	e59.95	61.24	61.45	.....	61.01	60.59 60.01
20	58.63	58.45	59.42	e58.28	57.95	e59.81	61.33	60.77	.....	60.99	60.10 60.88
25	58.57	59.48	59.20	e58.41	57.79	e59.64	61.35	60.66	.....	61.31	59.83 60.83
Eom	58.45	59.43	59.05	e58.62	57.68	e59.49	61.32	61.41	.....	61.36	59.75 60.33
1966											
5	.....	+61.33	+60.85	.....	+58.55	+58.30	+59.55	+61.02	+61.14	+61.18	+59.57 +e58.80
10	+60.55	60.70	60.20	.....	58.39	59.44	59.13	61.27	61.00	61.24	59.36 e58.74
15	60.35	60.48	60.04	+59.50	58.25	59.31	58.82	60.90	61.08	60.83	59.19 e58.67
20	60.64	60.51	59.75	59.19	58.07	59.04	58.55	60.32	61.19	60.23	59.02 e58.60
25	61.44	61.40	59.46	58.93	57.95	59.43	58.60	60.05	60.90	60.34	58.87 e58.53
Eom	61.53	61.32	59.32	58.73	57.95	59.52	60.10	60.35	61.20	59.91	58.85 e58.45
1967											
5	.....	+58.37	+58.92	+57.92	+57.28	+56.82	+58.08	+60.77	+60.30	+60.34	+58.64 +57.85
10	.....	58.74	58.74	57.81	57.20	56.90	58.47	60.95	60.10	60.25	58.50 57.77
15	.....	58.84	58.54	57.70	57.13	57.00	58.84	60.92	60.70	59.90	58.33 58.47
20	.....	58.77	58.35	57.60	57.02	57.29	59.47	60.73	60.42	59.52	58.20 58.42
25	+58.06	59.19	58.20	57.53	56.95	57.57	60.00	60.50	59.91	59.22	58.06 58.27
Eom	58.40	59.10	58.05	57.38	56.83	57.84	60.43	59.96	60.59	58.69	57.97 58.10
1968											
5	+58.00	+57.50	+57.89	+57.45	+56.98	+60.65	+60.88	+59.38	+58.31	+59.21	+59.88 +59.65
10	57.83	57.43	57.88	57.34	57.23	60.86	61.03	59.07	58.21	59.46	60.66 59.42
15	57.78	57.37	57.86	57.25	57.85	60.86	60.87	58.85	59.69	59.99	60.77 59.25
20	57.67	57.42	57.84	57.19	57.87	60.93	60.85	59.05	59.46	60.77	60.53 59.14
25	57.61	57.78	57.76	57.04	57.74	60.67	60.59	58.81	59.38	60.78	60.14 59.04
Eom	57.57	57.87	57.59	56.97	59.14	60.96	59.77	58.61	59.68	60.29	59.84 58.92

e Estimated.

274828N0810109.1. Local number OS183. U.S. Geol. Survey. 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 68.09 above msl, May 9-11, 1968. Records available: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+71.89	+73.15	+71.67	+71.21	+72.17	+71.33	+70.37	+71.20	+72.52	+71.46	+70.63 +70.46
10	72.56	72.75	71.35	70.80	71.38	71.05	70.04	72.63	73.00	71.15	70.45 70.33
15	72.60	72.12	71.29	70.55	73.04	70.45	71.28	73.13	73.00	72.38	70.30 70.06
20	72.60	72.50	71.23	70.30	71.58	70.43	70.95	72.38	72.32	71.25	70.20 69.92
25	72.54	71.85	70.86	71.35	71.10	70.08	72.08	71.70	71.35	70.97	70.11 69.80
Eom	72.03	72.70	71.70	72.20	70.69	70.45	71.18	72.96	72.02	70.78	70.41 69.76
1965											
5	+69.68	+69.39	+70.98	+69.72	+69.81	+68.72	+71.60	+73.03	+71.91	+71.99	+e72.25 +70.84
10	69.60	69.54	70.59	69.57	69.52	69.57	72.24	73.08	72.40	71.96	71.84 70.66
15	69.55	69.46	70.35	69.41	69.28	70.39	72.28	72.55	72.10	73.03	71.46 71.51
20	69.50	69.36	70.22	69.28	69.10	70.32	72.92	72.79	71.97	71.95	71.15 71.98
25	69.44	70.60	70.05	69.84	68.99	69.99	72.25	71.91	71.39	72.17	71.00 71.55
Eom	69.38	70.47	69.88	70.20	68.83	69.85	72.81	73.11	72.95	73.13	71.15 71.31
1966											
5	+72.43	+72.04	+72.80	+71.75	+69.88	+70.68	+71.66	+73.05	+71.70	+73.07	+70.68 +69.94
10	71.65	71.61	71.45	e71.94	70.33	72.11	71.25	73.12	71.30	72.46	70.55 69.85
15	71.86	71.82	72.08	70.72	69.98	71.25	73.10	72.95	73.04	72.24	70.40 69.81
20	72.56	72.06	71.18	70.44	69.70	71.65	72.30	71.98	73.11	71.33	70.20 69.75
25	72.72	73.06	69.90	70.23	69.61	72.24	72.93	72.96	72.02	71.13	70.12 69.66
Eom	72.92	72.51	71.18	70.03	71.05	e72.25	72.48	71.94	72.58	70.86	69.97 69.58
1967											
5	+69.61	+69.32	+70.00	+69.20	+68.69	+70.08	+71.66	+72.95	+72.87	+71.83	+70.56 +69.61
10	69.54	70.12	69.87	69.13	68.62	69.57	71.08	72.97	71.58	71.71	70.23 69.52
15	69.49	70.13	69.71	69.05	68.54	69.99	72.09	72.97	72.28	71.11	70.07 70.00
20	69.46	69.96	69.54	68.98	68.45	70.88	72.15	72.09	71.54	70.82	69.94 69.80
25	69.40	70.37	69.41	68.88	68.38	71.65	73.06	72.30	71.19	70.84	69.82 69.55
Eom	69.35	70.23	69.27	68.78	69.27	72.01	72.37	72.11	72.06	70.46	69.71 69.46
1968											
5	+69.39	+69.03	+69.21	+68.70	+68.16	+73.16	+72.44	+71.28	+70.28	+69.98	+71.87 +71.19
10	69.32	68.97	69.11	68.63	68.09	72.61	73.15	71.28	70.53	69.90	73.10 71.02
15	69.25	68.90	69.15	68.55	68.75	72.48	71.83	71.25	71.23	71.23	72.43 70.96
20	69.19	68.99	68.05	68.45	68.91	72.92	73.06	71.13	70.59	71.23	72.13 70.86
25	69.13	69.25	68.89	68.35	69.16	71.80	72.01	70.79	70.45	71.25	71.75 70.75
Eom	69.08	69.24	68.77	68.29	71.68	72.46	71.23	70.69	70.22	71.73	71.42 70.65

e Estimated.

Palm Beach County

263652N0800338.1. Local number PB88. U.S. Geol. Survey. South F St. and 1st Ave., Lake Worth. 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: 1944-68.

Highest water level for the day, above msl, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+7.10	+6.57	+6.07	+5.40	.....	+6.60	+6.92	+6.17	+7.39	+8.00	+9.38 +9.58
10	6.96	6.65	5.93	5.76	.....	7.70	6.80	6.13	7.01	7.76	9.14 9.38
15	6.82	6.55	5.78	5.56	.....	7.70	6.63	5.95	7.40	9.08	8.78 9.10
20	6.66	6.33	5.63	5.27	.....	7.57	6.53	5.81	7.78	8.78	8.53 9.07
25	6.49	6.36	5.57	5.15	.....	7.29	6.40	5.66	.....	8.43	9.53 8.83
Eom	6.26	6.20	5.53	e5.82	+6.36	7.13	6.34	7.02	8.14	9.25	9.75 8.65
1965											
5	+8.45	+7.47	+8.02	+6.70	+5.35	+4.35	+4.76	+6.39	+5.45	+5.28	+10.15 +8.74
10	8.26	7.34	7.77	6.48	5.17	4.93	4.58	6.35	5.48	5.18	9.92 8.48
15	8.07	7.20	7.55	6.24	5.04	5.05	4.46	6.20	5.32	7.84	9.62 8.23
20	7.89	7.05	7.38	5.99	4.85	5.15	5.32	5.99	5.52	8.32	9.38 8.07
25	7.73	8.18	7.18	5.76	4.70	5.10	5.84	5.75	5.38	8.64	9.18 7.85
Eom	7.45	8.18	6.90	5.55	4.50	4.95	6.17	5.62	5.38	9.76	8.97 7.55
1966											
5	+8.13	+7.61	+8.27	+7.42	+6.50	+5.81	+11.00	+10.48	+9.44	+10.21	+9.25 e+8.05
10	8.03	7.40	7.99	7.45	6.30	7.73	10.89	10.46	9.37	9.98	9.02 e7.88
15	7.96	7.24	8.32	7.30	6.11	7.57	10.62	10.16	10.58	9.83	8.80 e7.70
20	7.74	7.06	8.05	7.11	5.90	7.36	10.35	9.93	10.55	9.67	8.60 e7.53
25	7.60	8.49	7.77	6.92	5.96	.....	10.20	9.80	10.85	9.92	8.40 e7.33
Eom	7.68	8.49	7.65	6.70	5.76	10.20	10.42	9.64	10.40	9.52	8.22
1967											
5	+6.67	+6.32	+6.40	+5.65	+4.60	+4.18	+5.91	+5.85	+6.05	.....	+8.32 +7.25
10	6.49	6.15	6.15	5.45	4.44	4.22	5.87	5.78	5.86	.....	8.14 7.05
15	6.49	5.95	5.95	5.30	4.30	5.23	6.60	6.31	5.86	.....	7.94 6.90
20	6.33	5.85	5.76	5.14	4.60	5.60	6.05	6.36	6.05	.....	7.82 6.75
25	6.33	6.57	5.61	4.95	4.50	5.72	5.81	6.22	5.95	.....	7.67 6.60
Eom	6.74	6.57	5.90	4.75	4.30	5.70	5.55	5.95	6.67	+8.45	7.45 6.41
1968											
5	+6.25	+5.35	+5.13	+4.53	+3.96	.....	.....	+10.64	+9.79	+11.24	+10.40 +8.88
10	6.11	5.24	5.01	4.40	4.32	.....	.....	10.15	9.84	10.94	10.33 8.60
15	5.96	5.14	4.93	4.33	4.52	.....	+11.35	.....	9.58	10.65	10.00 8.36
20	5.82	5.25	4.88	4.20	4.63	.....	11.04	.....	9.35	11.33	9.76 8.15
25	5.68	5.26	4.79	4.10	6.08	.....	10.81	.....	9.12	e11.14	e9.43 7.82
Eom	5.46	5.23	4.63	4.02	7.18	.....	10.40	9.84	10.34	10.66	9.16 7.54

e Estimated.

264005N0800335.1. Local number PB99. U.S. Geol. Survey. Garden Ave. and Bradley St., West Palm Beach. 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: 1948-68.

Highest water level for the day, above msl, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+8.26	+7.80	+7.24	+6.65	+7.60	+8.12	+8.27	+7.60	+8.76	+9.15	+10.51 +9.68
10	8.10	7.91	7.10	6.58	7.37	9.06	8.20	7.53	8.63	8.85	10.14 9.57
15	7.93	7.73	6.99	6.79	7.70	8.87	8.01	7.41	8.55	10.48	9.88 9.37
20	7.78	7.55	6.90	6.58	8.02	8.56	8.02	7.33	9.16	10.20	9.63 9.46
25	7.61	7.49	6.85	6.42	8.15	8.63	7.95	7.21	9.46	9.85	10.12 9.20
Eom	7.40	7.35	6.73	7.55	7.85	8.42	7.73	8.38	9.37	10.75	9.87 9.16
1965											
5	+8.97	+8.05	+8.19	+7.20	+6.42	+5.90	+6.88	+8.17	+7.09	+6.82	10.60 +9.32
10	8.78	7.98	7.97	7.05	6.28	6.23	6.71	7.95	7.01	6.67	10.24 9.05
15	8.57	7.85	7.82	6.93	6.22	6.50	6.58	7.76	6.90	9.22	10.08 8.82
20	8.42	7.73	7.63	6.79	6.14	6.98	7.21	7.58	6.80	9.24	9.93 8.64
25	8.28	8.43	7.54	6.65	6.10	7.07	8.28	7.37	6.75	9.55	9.67 8.49
Eom	8.05	8.43	7.33	6.55	5.99	7.05	8.12	7.21	6.82	10.42	9.51 8.33
1966											
5	+8.80	+8.30	+9.07	+8.14	+7.46	+6.96	+10.95	.....	+9.91	+10.30	+10.15 +8.87
10	8.68	8.17	8.81	8.25	7.35	8.87	11.03	.....	9.65	10.80	9.90 8.73
15	8.65	8.07	8.90	8.08	7.15	8.66	10.58	.....	10.18	10.44	9.66 8.57
20	8.41	7.98	8.66	7.88	6.99	9.73	10.32	.....	10.37	10.15	9.45 8.40
25	8.40	9.27	8.50	7.73	7.05	9.41	10.20	.....	11.15	10.94	9.30 8.22
Eom	8.40	9.28	8.35	7.59	7.00	10.87	.....	+9.70	10.53	10.42	9.10
1967											
5	+7.85	+7.59	+7.57	+7.19	+6.39	+5.90	+7.25	+6.80	+7.05	+7.91	+8.15 +7.35
10	7.70	7.40	7.38	6.96	6.30	5.88	7.21	6.86	7.10	8.25	8.13 7.20
15	7.58	7.26	7.20	6.78	6.23	6.63	7.01	7.45	6.98	8.22	7.88 7.15
20	7.50	7.15	7.10	6.69	6.14	6.99	6.95	7.45	7.47	8.02	7.77 7.02
25	7.39	7.68	6.97	6.58	6.05	7.05	6.77	7.38	7.35	8.45	7.63 6.93
Eom	7.71	7.68	7.31	6.50	5.95	7.05	6.65	7.15	7.57	8.40	7.48 6.81

264005N0800335.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Ncv	Dec.
5	+6.72	+6.28	+6.82	+6.30	+6.46	+9.41	+10.16	+9.65	+9.36	+10.90	+10.05	+8.75
10	6.61	6.24	6.72	6.20	6.30	9.48	11.00	9.49	9.07	10.60	9.93	8.51
15	6.56	6.19	6.65	6.11	6.42	9.49	10.63	9.79	9.01	10.36	9.69	8.32
20	6.45	6.33	6.60	6.04	6.81	10.14	10.31	9.48	8.82	11.03	9.50	8.14
25	6.35	6.78	6.50	5.96	6.98	9.99	10.06	9.34	8.81	10.62	9.25	7.95
Eom	6.25	6.88	6.38	5.90	8.15	10.24	9.83	9.30	10.43	10.28	8.97	7.68

264841N0801149.1. Local number PB-109. U. S. Geol. Survey. 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: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+18.45	e+18.47	e+17.95	+17.35	+17.81	+18.27	+18.24	+18.09	+18.78	+18.50	+19.05	+18.95
10	18.39	e18.46	e17.85	17.68	17.50	18.25	18.34	18.05	18.70	18.45	19.00	18.88
15	18.39	e18.40	e17.76	17.07	18.01	18.19	18.25	18.01	18.67	18.97	18.89	18.86
20	e18.40	e18.52	e17.67	16.62	17.80	18.05	18.33	18.12	18.63	18.86	18.84	18.95
25	18.41	e18.47	e17.58	16.68	17.65	18.32	18.43	18.30	18.54	18.81	19.00	18.84
Eom	18.43	18.05	17.46	17.76	17.31	18.24	18.23	18.85	18.48	19.08	18.93	18.63

1965												
5	+18.56	+18.11	+18.20	+17.51	+15.70	+14.80	+17.64	+18.52	+17.76	+18.34	+19.10	+18.77
10	18.49	18.22	18.08	17.23	e15.67	16.65	17.52	18.44	17.78	18.30	19.01	18.65
15	18.40	18.08	18.02	16.84	e15.52	17.75	18.03	18.35	17.53	19.03	19.02	18.60
20	18.31	18.01	17.88	e16.66	e15.36	18.07	18.11	18.20	17.57	18.94	18.95	18.64
25	18.27	18.20	17.91	e16.59	e15.20	17.83	18.20	18.03	18.04	18.95	18.89	18.61
Eom	18.15	18.15	17.72	16.15	14.95	17.82	18.51	17.77	18.38	19.13	18.78	18.63

1966												
5	+18.91	+18.77	+18.73	+18.24	+18.06	+18.68	+19.10	+18.90	+18.86	+18.78	+18.81	+18.48
10	18.83	18.73	18.64	18.28	18.02	19.03	19.05	19.05	18.75	18.87	18.67	18.48
15	18.91	18.65	18.58	18.26	17.89	18.92	18.96	19.02	18.90	18.88	18.68	18.48
20	18.83	18.62	18.49	18.18	17.85	18.88	18.85	18.92	18.83	18.81	18.63	18.48
25	18.83	18.85	18.39	18.08	18.36	18.86	18.73	18.83	18.77	18.93	18.65	18.40
Eom	18.85	18.78	18.33	18.17	18.65	19.27	18.80	18.75	18.67	18.86	18.52	.....

1967												
5	+18.21	+17.83	+18.06	+18.08	.....	.....	+18.56	+18.83	+18.78	+19.07	+18.88	+18.57
10	18.13	17.92	18.03	17.90	.....	.....	18.63	18.75	18.79	19.00	18.80	18.52
15	18.04	17.83	17.90	17.70	.....	.....	18.65	18.85	18.77	18.91	18.75	18.61
20	17.98	17.75	17.95	17.44	.....	+18.24	18.62	18.70	18.75	18.91	18.81	18.65
25	17.89	18.12	17.78	17.10	.....	18.18	18.66	18.60	18.63	19.19	18.73	18.55
Eom	17.88	18.06	18.20	.....	.....	18.20	18.61	18.49	18.78	18.98	18.68	18.48

1968												
5	+18.39	+18.06	+18.21	+17.66	+17.21	+18.67	+19.32	+18.94	+18.78	+19.01	+18.85	+18.65
10	18.40	17.95	18.16	17.48	17.56	18.88	19.43	19.02	18.85	18.91	19.01	18.56
15	18.35	17.90	18.08	17.25	17.72	18.89	19.32	18.94	18.84	18.91	18.90	18.48
20	18.29	18.07	18.15	17.02	18.14	19.28	19.20	18.83	18.88	19.05	18.84	18.40
25	18.21	18.26	18.05	16.89	18.30	19.20	19.03	18.75	18.90	18.99	18.75	18.30
Eom	18.09	18.26	17.84	16.90	18.20	19.29	18.83	18.90	18.99	18.91	18.73	18.17

e Estimated.

Pasco County

281558N0822646.1. Local number 13. C. C. Cone. 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, 1936-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	4.65	5.76	5.92	6.41	7.59	6.33	5.54	5.44	5.13	6.81	6.74
10	5.95	4.93	6.00	6.31	6.86	7.75	6.82	4.65	3.90	5.68	6.93	6.78
15	5.40	5.31	6.17	6.61	7.02	8.05	7.27	4.95	4.49	5.85	7.12	6.86
20	5.30	5.06	5.82	6.87	7.34	7.53	5.66	4.42	5.18	6.17	7.28	7.10
25	5.38	5.52	6.24	7.11	7.61	7.80	5.00	4.75	5.19	6.40	7.29	7.20
Eom	5.63	5.61	5.45	6.79	7.93	7.37	4.75	5.66	5.61	6.64	7.43	6.87

1965												
5	7.08	7.12	6.39	7.46	7.98	8.87	7.45	4.36	6.03	6.49	7.18	7.73
10	7.22	6.85	6.70	7.70	8.28	8.69	7.04	4.56	6.30	6.70	7.31	7.87
15	6.70	6.94	6.63	7.92	8.52	7.76	6.35	5.09	6.50	6.20	7.35	7.51
20	6.80	7.16	6.75	7.92	8.73	7.80	5.95	5.32	6.76	6.48	7.52	7.27
25	6.69	6.46	6.93	7.40	8.64	8.00	6.33	5.69	6.61	6.83	7.49	7.45
Eom	6.89	6.65	7.22	7.63	8.78	7.46	5.17	5.67	6.01	7.03	7.62	7.67

281558N0822646.1-Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.64	6.68	5.28	5.81	7.60	8.29	7.15	7.09	6.50	5.73	6.79	7.57
10	7.67	6.85	5.82	6.19	7.36	6.51	7.20	6.52	5.78	5.38	6.93	7.68
15	7.75	6.77	6.02	6.62	7.72	6.73	7.27	6.46	5.81	5.93	7.10	7.63
20	7.65	6.17	6.35	6.90	7.96	6.41	7.35	6.64	5.39	6.23	7.22	7.73
25	6.91	6.18	6.58	7.15	8.10	6.62	6.51	5.36	5.84	6.43	7.38	7.70
Eom	6.49	5.41	6.72	7.37	7.95	6.81	6.75	6.10	5.03	6.69	7.46	7.86
1967												
5	7.45	7.98	6.92	8.13	9.20	9.77	7.82	7.35	5.54	6.76	7.82	8.56
10	7.27	7.64	6.96	8.34	9.33	9.66	7.63	7.04	6.12	6.90	8.02	8.57
15	7.30	6.65	7.20	8.53	9.55	9.44	7.60	5.18	6.47	7.19	8.11	8.14
20	7.46	6.87	7.47	8.72	9.66	8.59	7.70	5.48	6.77	7.40	8.29	8.33
25	7.64	6.61	7.68	8.88	9.70	8.14	7.65	5.63	7.03	7.54	8.36	8.45
Eom	7.86	6.74	7.93	9.09	9.87	8.43	7.75	5.59	6.33	7.80	8.48	7.83
1968												
5	7.78	7.60	7.60	8.34	9.22	9.06	7.25	6.72	5.83	6.87	6.65	6.86
10	7.62	7.40	7.71	8.57	9.39	8.95	6.44	7.16	5.93	7.06	6.01	7.03
15	7.41	7.21	7.37	8.77	9.40	8.57	6.14	7.40	5.38	7.26	6.17	7.11
20	7.28	7.66	7.55	8.97	9.59	8.20	6.00	7.49	5.84	e6.79	6.26	6.93
25	7.90	7.75	7.84	9.15	9.59	8.42	6.38	7.76	6.30	e6.76	6.50	7.06
Eom	7.78	7.71	8.10	9.11	9.71	7.86	6.81	5.47	6.61	e6.73	6.71	7.21

e Estimated.

Pinellas County

280827N0824503.1. Local number 13. U.S. Geol. Survey. 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 11.10 below lsd, Sept. 8, 1965. Records available: 1947-68. Affected by tides.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.90	9.63	9.60	9.96	9.25	9.42	9.11	8.57	9.25	8.73	e9.3	8.93
10	10.02	9.60	9.58	9.66	8.93	9.08	....	8.74	8.73	9.13	9.52	9.96
15	9.78	9.65	9.36	9.51	9.00	9.40	9.37	8.82	e8.3	9.06	9.55	9.87
20	9.65	9.60	9.46	9.62	9.40	9.58	9.28	8.89	8.72	9.2C	8.70	9.16
25	9.68	9.64	9.18	9.35	9.13	9.30	8.76	8.97	9.00	9.24	8.80	9.18
Eom	10.02	9.78	9.35	9.22	9.35	9.22	8.54	9.55	9.52	9.31	9.16	9.42
1965												
5	9.35	....	9.20	9.61	8.80	9.20	9.20	....	9.71	8.43	9.36	9.11
10	....	e9.7	h9.78	9.70	9.19	9.19	8.97	....	9.21	8.44	8.95	8.99
15	e8.9	9.40	....	9.30	9.07	8.65	8.98	....	9.11	8.50	9.23	9.16
20	....	9.34	....	9.22	9.28	9.10	9.23	....	8.97	8.45	9.00	9.02
25	9.70	8.87	....	9.48	9.50	9.03	9.32	....	8.70	9.15	8.91	9.01
Eom	e9.1	9.75	h9.80	9.40	9.15	8.66	8.79	e9.4	8.45	9.81	9.20	9.37
1966												
5	8.90	9.71	h9.49	....	8.95	8.84	8.94	9.28	9.52	8.72	9.59	9.45
10	9.13	9.37	....	....	8.88	8.57	9.13	9.57	9.12	8.44	9.00	9.21
15	8.73	9.58	....	....	9.06	8.80	8.89	9.22	8.75	8.56	9.33	9.28
20	9.07	9.53	....	....	8.74	8.61	8.59	9.55	8.95	9.71	9.60	9.54
25	9.15	9.70	....	....	8.73	8.79	8.55	9.59	9.04	9.38	9.23	9.32
Eom	9.83	9.20	....	e9.66	8.88	8.78	8.27	9.62	8.69	9.04	9.18	9.31
1967												
5	9.37	9.26	9.80	9.25	9.00	8.80	9.04	8.67	9.27	8.98	8.85	9.20
10	8.91	9.18	9.62	9.26	8.91	8.66	8.73	8.90	9.30	8.83	9.99	8.91
15	9.02	9.37	9.60	9.07	8.82	8.95	8.81	8.55	9.18	9.23	9.21	8.90
20	9.88	9.18	9.72	9.52	9.00	8.60	8.66	8.13	9.08	9.34	9.30	9.00
25	9.53	9.25	9.39	9.02	8.79	8.80	8.81	8.81	9.30	9.10	9.15	9.73
Eom	9.40	9.60	9.27	8.94	9.02	9.19	9.00	9.34	9.21	8.80	9.13	8.90
1968												
5	9.38	9.38	9.84	9.60	9.27	9.60	9.04	9.03	8.45	9.10	8.96	9.05
10	9.55	9.38	9.35	9.60	9.39	9.12	8.40	8.99	8.96	9.02	8.60	9.35
15	9.26	9.42	9.79	9.09	9.28	9.44	8.98	9.11	8.99	9.24	9.40	9.40
20	9.58	9.60	9.35	9.50	9.73	9.50	9.01	9.09	9.21	e8.37	9.25	8.95
25	9.28	9.89	9.73	9.20	9.33	9.34	9.07	8.90	9.24	8.30	9.18	9.59
Eom	9.18	9.50	9.44	9.31	9.35	9.35	9.20	8.60	9.31	9.51	9.33	9.40

e Estimated

h Tape measurement.

280414N0824518.1. Local number 77. Paul E. Allen. Drilled unused artesian well in Floridan aquifer, diam 10 in, 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: 1947-64. Measurement discontinued.

280414N0824518.1--Continued.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	65.81	.....	.....	65.27	.....	.....	.....	.....	.....	.....	.....	.....
10	65.68	.....	65.42	65.33	.....	.....	.....	.....	.....	.....	.....	.....
15	65.85	.....	65.36	h65.21	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	65.18	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	65.41	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	65.37	.....	.....	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

275845N0824748.1. Local number 246. City of Clearwater. Garden and Marshall Sts. Drilled unused artesian well in Floridan aquifer, diam 10 in, depth 208, cased to 54. 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: 1945-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.44	25.68	25.80	25.75	26.16	26.73	26.20	26.12	25.30	24.77	26.14	26.12
10	26.31	26.07	25.85	26.01	25.98	26.53	26.39	25.99	24.87	25.51	26.29	26.54
15	26.48	25.64	25.97	26.21	26.26	26.69	26.90	25.83	25.13	25.02	26.56	26.77
20	25.92	26.03	25.72	26.38	26.64	26.73	26.45	25.80	25.15	25.59	26.09	26.05
25	25.93	25.67	25.86	26.50	26.29	26.20	26.13	25.99	25.18	25.85	25.91	25.73
Eom	26.01	25.98	26.11	26.07	26.68	26.38	25.99	25.59	25.39	26.07	26.34	26.21

1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.10	26.83	25.71	26.66	26.96	27.53	26.32	25.65	25.75	25.60	26.23	26.35
10	25.98	26.44	26.32	26.75	27.14	26.83	26.13	25.53	25.45	25.63	25.96	26.57
15	25.87	25.95	26.01	26.86	27.46	25.92	26.12	25.52	25.38	25.47	26.01	26.12
20	26.20	26.19	25.96	26.97	27.64	26.27	25.98	25.48	25.43	25.45	26.27	25.97
25	26.34	25.67	26.30	26.71	27.44	26.45	25.91	.....	25.42	26.16	26.11	26.30
Eom	26.15	26.21	26.51	27.25	27.26	26.14	25.57	.....	25.23	26.26	26.50	26.65

1966

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.15	26.76	25.77	26.12	26.94	27.34	26.46	26.08	26.32	26.22	26.77	27.09
10	26.55	26.38	26.52	26.60	26.08	25.98	26.35	25.87	25.96	25.68	26.40	26.43
15	25.93	26.26	26.26	26.92	26.50	26.54	26.24	25.80	25.47	25.88	26.91	27.04
20	26.25	26.42	26.59	26.66	26.75	26.15	26.14	25.94	25.61	26.35	27.05	26.69
25	25.83	26.41	26.78	26.77	26.71	26.15	25.91	25.76	26.02	26.09	26.99	26.90
Eom	26.74	25.75	26.74	27.05	26.88	26.17	26.20	26.10	25.63	26.37	26.66	26.77

1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.06	27.02	27.04	27.28	27.47	27.48	.....	26.72	26.58	27.03	27.02	27.47
10	26.43	26.86	27.15	27.33	27.59	27.43	.....	26.40	26.62	26.37	27.58	26.68
15	26.64	27.01	27.17	27.34	27.47	27.25	.....	26.00	26.80	27.21	27.05	27.01
20	27.14	26.87	27.30	27.56	27.92	26.83	26.77	26.10	26.76	27.38	27.35	27.17
25	26.90	26.69	27.39	27.41	27.45	27.07	26.66	26.10	27.00	27.06	26.90	27.34
Eom	27.16	26.89	27.10	27.50	27.53	e27.07	26.72	26.56	26.74	26.97	27.40	26.97

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.20	27.64	27.83	28.06	27.59	27.48	26.62	26.61	26.23	26.77	26.42	26.97
10	27.18	27.62	27.25	28.25	28.00	27.27	26.40	26.73	26.42	26.74	.....	27.31
15	27.34	27.58	27.76	27.69	27.87	27.57	26.74	26.56	26.27	26.88	27.00	27.22
20	27.68	27.57	27.55	28.16	27.94	27.25	26.53	26.66	26.52	26.14	27.01	27.02
25	27.38	27.87	28.11	28.15	27.91	26.96	26.69	26.62	26.44	25.98	e27.00	27.17
Eom	27.45	27.13	27.90	27.72	27.77	26.96	26.85	25.93	26.65	26.98	26.75	27.17

e Estimated.

275048N0824017.1. Local number 561. City of St. Petersburg. Drilled unused artesian well in Floridan aquifer, diam 14 in, depth 188 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: 1947-64. Measurement discontinued.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.38	2.80	2.84	2.61	....	....	....	....	....	....	....	....
10	3.00	3.29	2.89	2.79	....	....	....	....	....	....	....	....
15	3.49	3.00	3.40	h2.94	....	....	....	....	....	....	....	....
20	2.95	2.89	3.17	....	....	....	....	....	....	....	....	....
25	2.87	3.00	3.40	....	....	....	....	....	....	....	....	....
Eom	3.37	3.10	3.09	....	....	....	....	....	....	....	....	....

h Tape measurement.

Polk County

281058N0813642.1. Local number 44. P. E. Williams. Drilled unused artesian well in Floridan aquifer, diam 10 in, depth 195 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: 1945-68.

281058N0813642_1--Continued.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.36	2.42	2.71	....	2.48	2.57	1.87	2.23	1.83	1.92	2.49	2.70
10	3.28	2.44	2.75	2.89	2.75	2.67	....	2.13	1.57	2.00	2.55	2.75
15	2.67	2.46	2.85	3.05	2.62	2.83	....	1.98	1.47	1.93	2.64	2.82
20	2.60	2.42	2.77	3.13	2.86	3.14	2.37	2.04	1.54	2.15	2.73	2.90
25	2.71	2.47	2.91	3.29	3.00	3.18	2.30	1.98	1.75	2.31	2.75	2.92
Eom	2.75	2.65	....	3.03	2.86	2.02	2.15	1.93	1.87	2.41	2.75	3.11
1965												
5	3.16	3.47	3.31	3.83	4.60	5.36	4.16	2.85	3.00	2.10	2.66	3.08
10	3.23	3.30	3.39	4.10	4.65	5.11	3.84	2.76	3.15	2.18	2.84	3.25
15	3.17	3.46	3.38	4.22	4.95	4.61	3.71	2.90	3.29	2.15	2.79	3.15
20	3.30	3.58	3.62	4.31	5.03	4.49	3.00	2.99	3.35	2.27	2.91	2.76
25	3.36	3.10	3.66	4.26	5.10	4.17	2.90	3.00	3.37	2.47	2.97	2.76
Eom	3.47	3.15	3.72	4.44	5.11	4.22	2.80	2.92	2.45	2.55	3.06	3.04
1966												
5	2.89	2.76	2.28	2.64	3.51	3.90	3.05	3.34	....	....	2.76	3.18
10	2.96	2.83	2.43	2.84	3.31	3.44	3.02	2.98	....	2.34	2.86	3.23
15	3.03	2.83	2.46	3.03	3.45	3.43	3.12	2.92	....	2.51	2.96	3.13
20	3.05	2.74	2.62	3.17	3.70	3.52	3.21	2.75	....	2.69	2.99	....
25	2.77	2.28	2.84	3.12	3.73	2.97	3.20	2.67	....	2.48	3.06	3.28
Eom	2.64	2.21	2.81	3.37	3.85	2.84	3.22	2.86	....	....	3.24	3.40
1967												
5	3.45	3.82	3.59	4.19	4.93	5.22	3.68	3.27	2.33	2.68	3.32	3.78
10	3.51	3.38	3.65	4.25	5.05	4.91	3.41	3.29	2.40	2.66	3.44	3.75
15	3.53	3.40	3.73	4.51	5.08	5.00	3.46	2.92	2.32	2.82	3.50	3.45
20	3.61	3.47	3.82	4.63	5.25	4.13	3.64	3.00	2.53	3.01	3.57	3.57
25	3.68	3.45	3.96	4.76	5.39	4.07	3.61	2.89	2.64	3.02	3.62	3.63
Eom	3.75	3.45	4.08	4.83	5.47	4.08	3.72	2.26	2.53	3.20	3.68	3.70
1968												
5	3.83	4.14	4.07	4.74	5.31	3.26	2.62	2.62	2.76	3.02	2.91	3.08
10	3.83	4.36	4.13	4.83	5.48	3.02	2.43	2.80	2.68	3.08	2.73	3.09
15	3.87	4.38	4.15	4.84	5.50	2.87	2.56	2.95	2.49	3.12	2.76	3.11
20	4.02	4.04	4.26	5.05	5.50	2.77	2.35	2.87	2.72	2.78	2.81	3.23
25	4.01	3.86	4.39	5.23	5.30	2.86	2.46	2.91	2.80	2.67	2.86	3.17
Eom	4.13	3.87	4.56	5.36	4.98	2.77	2.69	2.54	2.83	2.88	3.05	3.31

275949N0815824.1. Local number 45. Claude Hardin. 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 104.32 below lsd, May 7, 1968. Records available: 1948-68. Affected by regional pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1964	73.85	May 24, 1965	92.10	Sept. 22, 1966	81.80	Nov. 29, 1967	94.35
Feb. 20	72.84	June 21	87.29	Oct. 19	83.35	Dec. 20	94.83
Mar. 21	73.07	July 22	81.54	Nov. 21	89.85	Jan. 18, 1968	94.10
Apr. 22	78.23	Aug. 23	76.97	Dec. 20	88.33	Feb. 20	97.08
May 19	78.86	Sept. 21	76.74	Jan. 20, 1967	90.84	Mar. 22	96.25
June 19	81.99	Oct. 21	77.76	Feb. 21	95.23	Apr. 4	100.10
July 20	75.64	Nov. 22	79.89	Mar. 20	91.22	May 7	104.32
Aug. 20	76.86	Dec. 21	83.06	Apr. 20	93.04	June 21	101.92
Sept. 22	75.13	Jan. 20, 1966	82.37	May 12	92.94	July 18	80.20
Oct. 22	77.10	Feb. 21	80.95	June 20	97.34	Aug. 20	79.96
Nov. 28	84.04	Mar. 21	81.70	July 24	91.78	Sept. 19	79.40
Dec. 21	81.51	Apr. 21	86.13	Aug. 18	87.75	Oct. 31	82.13
Jan. 20, 1965	81.57	May 24	89.73	Sept. 19	85.97	Nov. 18	79.39
Feb. 18	82.10	June 22	85.53	Nov. 14	90.64	Dec. 19	81.34
Mar. 22	81.08	July 28	82.81				
Apr. 22	83.39	Aug. 22	81.38				

281051N0813625.1. Local number 47. U.S. Geol. Survey. Davenport. Drilled observation nonartesian well in sand and gravel deposits of Pleistocene age, diam 6 in, depth 67 ft, cased to 60, gravel-packed 58 to 67. Lsd 156.50 ft above msl. MP top of casing, 2.8 ft above lsd. Highest water level 42.97 below lsd, Oct. 8, 1948; lowest 49.85 below lsd, May 30, 1968. Records available: 1948-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	47.55	47.04	46.38	46.48	46.95	46.97	46.47	44.87	45.70	45.24	45.83	46.67
10	47.53	46.92	46.38	46.52	46.89	46.83	45.85	45.03	45.78	45.26	45.92	46.82
15	47.52	46.75	46.39	46.63	46.89	46.76	45.06	45.17	45.78	45.35	46.09	46.89
20	47.40	46.61	46.42	46.72	46.89	46.75	44.54	45.32	45.59	45.48	46.25	47.01
25	47.31	46.50	46.47	46.82	46.91	46.77	44.94	45.47	45.39	45.58	46.40	47.07
Eom	47.15	46.46	46.52	46.90	46.98	46.77	44.65	45.62	45.26	45.69	46.55	47.21

281051N0813625.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	47.29	47.70	47.96	48.23	48.65	49.30	49.26	e48.36	48.50	48.87	47.50	48.39
10	47.33	47.75	47.98	48.28	48.75	49.41	49.18	e48.37	48.63	48.50	47.64	48.60
15	47.40	47.81	48.03	48.35	48.84	49.50	49.08	e48.37	48.73	48.12	47.80	48.75
20	47.49	47.89	48.09	48.43	48.99	49.50	e48.33	48.41	48.85	47.65	47.93	48.86
25	47.55	47.95	48.13	48.51	49.05	49.47	e48.34	48.36	48.95	47.38	48.10	49.00
Eom	47.62	47.97	48.17	48.60	49.20	49.35	e48.35	48.43	49.03	47.32	48.24	49.05
1966												
5	49.14	49.28	48.97	48.29	48.83	49.58	49.81	49.92	49.72	48.93	.....	49.20
10	49.21	.....	48.80	48.33	48.92	49.70	49.80	47.95	49.74	48.71	.....	49.30
15	49.24	49.24	48.58	48.40	49.01	49.80	49.78	.....	49.71	.....	.....	49.41
20	49.30	49.23	48.41	48.50	49.15	49.85	49.81	49.84	49.66	.....	48.87	49.48
25	49.36	49.18	48.33	48.62	49.27	49.90	49.87	49.77	49.40	.....	48.97	49.57
Eom	49.34	49.10	48.38	48.71	49.42	49.85	49.90	49.72	49.17	.....	49.08	49.65
1967												
5	47.73	48.20	48.20	48.48	48.96	49.55	49.16	48.11	47.17	45.84	46.69	47.67
10	47.82	48.25	48.23	48.56	49.05	49.61	48.95	48.00	46.77	46.00	46.87	47.81
15	47.70	48.27	48.26	48.62	49.17	49.65	48.70	47.89	46.35	46.20	47.04	47.93
20	47.98	48.24	48.32	48.69	49.25	49.67	48.51	47.75	46.45	46.32	47.22	48.01
25	48.03	48.24	48.36	48.77	49.35	49.51	48.35	47.57	45.73	46.42	47.37	48.06
Eom	48.13	48.21	48.42	48.87	49.48	49.31	48.20	47.38	45.75	46.64	47.50	48.14
1968												
5	48.24	48.66	48.85	49.07	49.49	49.74	46.60	45.97	46.26	46.71	47.30	47.55
10	48.28	48.72	48.86	49.09	49.55	49.22	46.42	45.97	46.32	46.83	47.35	47.62
15	48.37	48.79	48.89	49.17	49.61	48.62	46.29	45.98	46.41	46.94	47.42	47.66
20	48.44	48.84	48.92	49.24	49.70	47.86	46.17	46.09	46.46	47.05	47.43	47.74
25	48.48	48.87	48.95	49.30	49.79	47.27	46.09	46.15	46.54	47.15	47.46	47.87
Eom	48.60	48.85	48.99	49.40	49.84	46.89	46.00	46.22	46.62	47.25	47.47	47.85
e. Estimated.												

e Estimated.

274225N0813152.1. Local number 48. U.S. Geol. Survey. On Florida Highway 17, 2.7 mi south of Frostproof. Drilled observation water-table well in sand of Pleistocene age, diam 6 in, depth 62 ft, cased to 59, gravel-packed 52-62. Lsd 144.31 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 38.08 below lsd, Oct. 7, 1948; lowest 47.80 below lsd, June 4, 1956. Records available: 1949-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	47.27	47.15	46.94	46.70	46.53	46.58	46.71	46.75	46.22	44.90	45.23	45.55
10	47.30	47.05	46.95	46.65	46.45	46.65	46.61	46.80	45.68	44.89	45.29	45.65
15	47.20	46.97	46.97	46.65	46.44	46.73	46.61	46.80	45.31	44.90	45.32	45.73
20	47.12	46.96	46.92	46.66	46.49	46.83	46.67	46.75	45.05	44.99	45.41	45.83
25	47.12	46.95	46.85	46.68	46.55	46.90	46.74	46.64	44.96	45.08	45.50	45.92
Eom	47.13	46.94	46.77	46.65	46.55	46.96	46.75	46.54	44.92	45.12	45.53	46.03
1965												
5	46.11	46.47	46.23	45.87	45.79	45.83	44.85	43.73	44.15	44.01	44.29	44.71
10	46.20	46.52	45.98	45.94	45.87	45.95	44.70	43.73	44.29	44.00	44.36	44.78
15	46.27	46.59	45.84	45.96	45.85	45.60	44.48	43.80	44.40	44.03	44.51	44.81
20	46.34	46.70	45.76	45.99	45.77	45.37	44.19	43.86	44.45	44.06	44.55	44.77
25	46.40	46.67	45.76	45.96	45.78	45.12	43.94	43.95	44.50	44.11	44.61	44.81
Eom	46.42	46.57	45.78	45.77	45.89	44.95	43.78	44.06	44.23	44.19	44.65	44.89
1966												
5	.....	44.89	.....	.....	44.07	44.28	43.16	43.28	43.31	43.56	44.03	44.31
10	45.01	44.90	.....	.....	44.12	44.31	43.09	43.27	43.36	43.65	44.10	44.35
15	45.04	44.97	.....	44.07	44.18	44.16	43.08	43.25	43.40	43.70	44.17	44.41
20	45.07	.....	.....	44.13	44.25	44.00	43.14	43.28	43.41	43.77	44.25	44.48
25	45.07	.....	.....	44.18	44.15	43.65	43.18	43.30	43.48	43.84	44.27	44.57
Eom	44.93	.....	.....	44.19	44.18	43.36	43.28	43.29	43.52	43.94	44.27	44.67
1967												
5	44.73	45.22	45.54	45.71	46.19	46.64	45.46	45.39	45.42	44.88	45.25	45.58
10	44.83	45.27	45.60	45.79	46.28	46.67	45.12	45.38	45.16	44.88	45.33	45.62
15	44.93	45.30	45.60	45.87	46.38	46.50	45.36	45.40	45.08	44.94	45.35	45.68
20	45.02	45.34	45.63	45.96	46.49	46.32	45.37	45.46	45.00	45.00	45.42	45.75
25	45.06	45.36	45.66	46.02	46.56	46.07	45.36	45.55	44.98	45.70	45.48	45.82
Eom	45.14	45.40	45.68	46.11	46.62	45.77	45.36	45.62	44.92	45.21	45.55	45.93
1968												
5	46.05	46.56	46.68	46.52	46.61	46.65	44.03	44.43	45.05	44.84	43.83	44.50
10	46.10	46.57	46.59	46.44	46.66	46.07	43.98	44.50	44.95	44.54	43.92	44.60
15	46.17	46.58	46.61	46.43	46.59	45.46	43.98	44.63	44.85	44.53	44.09	44.66
20	46.28	46.60	46.70	46.52	46.59	44.78	44.02	44.75	44.88	43.68	44.22	44.78
25	46.34	46.64	46.55	46.50	46.70	44.19	44.10	44.85	44.95	43.55	44.32	44.84
Eom	46.47	46.68	46.46	46.59	46.77	44.05	44.29	44.96	44.97	43.64	44.43	44.92

274812N0811903.1. Local number 49. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age, diam 6 in, depth 17 ft, cased to 14, gravel-packed 14-17. Lsd 104.93 ft above msl. MP top of recorder base, 3.2 ft above lsd. Highest water level 0.31 above lsd, Nov. 25, 1953; lowest 6.17 below lsd, June 8, 1962. Records available: 1949-68.

274812N0811903.1--Continued.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	2.10	0.63	1.48	1.95	1.40	3.04	2.52	2.35	0.85	1.75	2.40	2.52
10	1.42	e1.35	1.85	2.27	1.96	3.40	3.12	.98	.53	1.91	2.53	2.75
15	1.32	1.39	2.12	2.60	2.13	3.58	3.51	.98	.45	1.48	2.63	2.96
20	e1.40	1.18	1.80	2.85	2.55	3.80	2.80	1.00	1.04	2.05	2.76	3.09
25	1.44	1.40	2.30	3.10	2.80	3.95	1.13	1.05	1.40	2.23	2.85	3.20
Eom	1.65	1.12	1.42	2.24	3.20	2.95	1.85	.98	1.43	2.32	2.60	3.27
1965												
5	3.33	3.59	1.55	2.99	3.86	4.25	1.52	1.29	1.30	1.00	0.99	1.80
10	3.43	3.20	2.19	3.26	4.05	4.35	1.17	.55	1.26	1.06	1.31	2.06
15	3.19	3.53	2.37	3.52	4.12	2.60	1.15	.31	.32	.49	1.18	1.35
20	3.36	3.73	2.66	3.75	4.29	2.52	.28	.44	1.08	1.24	1.61	.68
25	3.53	1.68	2.84	3.49	3.83	1.65	1.22	1.22	1.21	1.15	1.81	1.42
Eom	3.66	2.13	2.51	3.45	3.90	1.83	.95	.79	.27	.43	1.36	1.72
1966												
5	....	1.20	0.48	0.97	2.82	3.35	2.01	0.78	2.22	1.02	2.13	2.81
10	1.49	1.33	1.28	1.44	2.14	1.30	2.38	.70	2.33	.72	2.26	3.00
15	1.80	1.31	.23	2.01	2.60	1.70	2.59	.68	2.18	1.10	2.40	2.65
20	1.29	1.06	1.40	2.25	3.00	2.15	2.66	1.08	2.28	1.49	2.58	2.90
25	1.20	.63	1.78	2.39	2.95	1.70	2.30	1.36	2.60	1.71	2.71	3.08
Eom	.85	.40	1.45	2.62	3.18	1.23	.40	1.93	.65	2.45	2.85	3.22
1967												
5	3.13	3.81	3.28	4.29	4.98	5.53	4.87	1.49	1.32	1.43	2.60	3.34
10	3.33	2.86	3.50	4.39	5.06	5.47	4.85	.97	1.75	1.06	2.78	3.42
15	3.47	3.08	3.72	4.54	5.15	5.52	4.96	.77	1.94	1.65	2.93	2.37
20	3.55	3.39	3.90	4.64	5.27	5.27	4.29	1.12	1.87	1.96	3.05	2.58
25	3.61	2.78	4.02	4.77	5.32	4.68	3.93	1.37	1.55	2.17	3.15	2.88
Eom	3.75	3.00	4.17	4.90	5.47	4.81	2.60	.56	.84	2.46	3.24	2.86
1968												
5	3.20	3.71	3.49	4.13	4.77	1.50	0.50	1.17	2.54	1.88	1.22	1.84
10	3.28	3.80	3.58	4.26	4.83	.75	.29	1.47	1.41	1.42	.63	2.07
15	3.35	3.90	3.31	4.34	4.90	1.07	.53	1.72	1.06	.29	1.16	2.11
20	3.42	3.69	3.65	4.47	4.92	.50	.39	2.04	1.56	.96	1.26	2.25
25	3.53	3.35	3.87	4.60	5.02	1.00	1.00	2.00	.93	.73	1.54	2.34
Eom	3.64	3.29	4.02	4.70	3.60	1.06	1.25	2.19	1.42	1.29	1.74	2.48

e Estimated.

274440N0813148.1. Local number 51. Mrs. Flora P. Coley. 48 First St. Frostproof. Drilled unused artesian well in Hawthorn aquifer, diam 6 in, depth 319 ft, cased to 208. Led 97.5 ft above msl. MP top of casing, at lsd. Highest water level 3.68 below lsd, Oct. 25, 1953; lowest 26.68 below lsd, May 10, 1968. Records available: 1949-68. Recording gage removed Aug. 18, 1965. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	6.87	....	....	e11.7	e11.3	....	8.15	7.77	12.80	12.84
10	7.95	....	6.70	10.43	....	e11.6	....	....	7.93	8.17	13.68	12.37
15	8.14	6.84	7.00	e13.0	....	e12.2	....	....	7.88	7.89	14.39	11.82
20	7.26	6.81	....	e13.5	11.99	....	....	8.86	7.63	8.23	14.82	11.60
25	....	6.60	....	....	11.86	....	....	8.63	7.83	8.93	15.54	11.13
Eom	....	6.79	....	....	....	....	....	8.44	7.82	10.71	13.52	11.25
1965												
5	11.31	12.67	10.59	....	13.51	19.58	....	8.99	....	h7.80	....	....
10	11.26	12.04	10.03	12.60	....	....	10.63	8.75	....	....	....	....
15	12.19	11.94	e10.1	15.08	....	....	10.10	8.59	....	....	h8.38	....
20	....	12.70	....	....	....	....	9.63	....	....	....	....	....
25	....	11.11	....	14.69	19.24	....	9.40	....	....	....	....	....
Eom	....	10.80	....	13.46	19.10	....	9.14	....	....	....	....	....

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 6, 1965	7.80	July 6, 1966	10.03	May 8, 1967	23.97	Feb. 28, 1968	17.16
Nov. 17	8.38	Aug. 16	8.42	July 12	14.00	May 10	26.68
Jan. 6, 1966	10.18	Oct. 6	8.68	Sept. 7	10.68	July 2	13.82
Feb. 15	9.84	Jan. 12, 1967	13.33	Oct. 25	12.19	Sept. 5	10.76
Apr. 13	10.93	Mar. 8	13.81	Jan. 5, 1968	15.18	Nov. 5	9.93
May 16	15.71						

Putnam County

292530N0813840.1. Local number 28. Donald Swisher. Fruitland. Drilled domestic artesian well in Floridan aquifer, diam 6 in, depth 159 ft. Led 25.7 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 4.9 below lsd, September 1943; lowest 10.36 below lsd, May 1, 1968. Records available: 1936-68.

292530N0813840.1-Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	7.24	May 5, 1965	8.40	Sept. 7, 1966	6.86	Nov. 7, 1967	8.30
Mar. 6	6.98	July 9	6.73	Nov. 3	6.23	Jan. 9, 1968	8.45
May 6	7.33	Sept. 9	6.40	Jan. 6, 1967	6.93	Mar. 6	8.98
July 10	8.01	Nov. 4	5.92	Mar. 8	7.19	May 1	10.36
Sept. 17	5.75	Jan. 10, 1966	6.26	May 4	9.35	July 8	8.30
Nov. 4	6.27	Mar. 10	6.19	July 11	7.87	Sept. 19	7.63
Jan. 8, 1965	7.06	May 4	7.99	Sept. 7	7.67	Nov. 5	6.50
Mar. 3	6.81	July 13	7.22				

293910N0813850.1. Local number 29. C. L. Conway. Palatka. 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 0.73 below lsd, May 1, 1968. Records available: 1936-68.

Jan. 8, 1964	+5.12	May 5, 1965	+4.42	Sept. 7, 1966	6.45	Nov. 7, 1967	+4.22
Mar. 5	5.98	July 7	5.04	Nov. 2	7.2	Jan. 9, 1968	4.18
May 7	5.92	Sept. 8	6.86	Jan. 6, 1967	5.84	Mar. 6	+2.90
July 9	4.70	Nov. 4	7.04	Mar. 8	4.95	May 1	-.73
Sept. 16	6.83	Jan. 6, 1966	7.2	May 3	1.35	July 8	+4.80
Nov. 3	7.6	Mar. 10	6.91	July 10	3.72	Sept. 19	5.36
Jan. 8, 1965	7.09	May 4	4.33	Sept. 7	5.32	Nov. 5	6.50
Mar. 3	6.86	July 13	5.89				

St. Johns County

300759N0812307.1. Local number 5. G. L. Oesterreicher. Palm Valley. Drilled domestic artesian well in Floridan aquifer, diam 6 in, reported depth 336 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 32.1 above lsd, May 2, 1968. Records available: 1934, 1940, 1944-68.

Jan. 8, 1964	+33.0	May 7, 1964	+38.0	May 6, 1965	+37.0	May 4, 1967	+32.8
Mar. 5	34.0	July 9	36.8	May 5, 1966	36.1	May 2, 1968	32.1

300556N0812910.1. Local number 8. Ponce de Leon Raceway, Inc. Drilled public-supply artesian well in Floridan aquifer, diam 6 in, reported depth 336 ft, cased to 240. 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 20.7 above lsd, May 2, 1968. Records available: 1934, 1940-42, 1944, 1946-68.

Jan. 8, 1964	+23.1	May 7, 1964	+24.3	May 6, 1965	+25.7	May 4, 1967	+22.0
Mar. 5	24.9	July 9	23.3	May 5, 1966	24.7	May 2, 1968	20.7

St. Lucie County

271538N0803714.1. Local number St. L. 41. U.S. Geol. Survey. 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 23.77 above msl, June 11, 1965. Records available: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+27.75	+28.35	+26.66	+25.91	+26.86	+25.70	+27.07	+26.32	+26.99	+26.90	+26.80	+26.34
10	27.79	27.23	26.52	25.64	26.51	26.32	27.28	27.31	27.20	26.60	26.55	26.35
15	27.75	27.02	26.43	25.47	26.71	26.29	26.79	26.96	27.26	27.22	26.42	26.04
20	27.75	27.04	26.63	25.28	26.30	25.81	26.83	26.60	27.40	26.20	26.27	25.85
25	27.50	26.84	26.23	25.18	26.11	26.43	26.80	26.95	26.85	26.54	26.35	25.64
Eom	27.46	26.78	26.16	26.85	25.80	26.96	26.57	27.28	26.80	26.88	26.23	25.48
1965												
5	+25.27	+25.23	+26.22	+25.27	+24.45	+23.85	+24.88	+26.58	+26.35	+26.90	+27.08	+26.20
10	25.15	26.25	25.85	25.16	24.32	23.78	25.12	27.15	26.75	27.00	26.97	26.02
15	25.08	25.96	25.75	25.01	24.22	24.58	25.09	26.73	26.27	27.31	26.78	25.92
20	25.01	25.77	25.70	24.81	24.12	24.87	25.44	27.03	26.25	27.11	26.62	26.06
25	25.01	26.51	25.52	24.68	24.02	24.89	26.50	26.62	25.97	27.30	26.48	26.65
Eom	24.86	26.40	25.55	24.56	23.92	24.82	26.58	26.62	26.53	27.59	26.30	25.98
1966												
5	+27.67	+27.14	+27.25	+26.80	+25.84	+25.00	+27.38	+27.12	+27.15	+27.35	+26.60	.....
10	27.35	26.96	27.03	26.92	26.04	27.07	27.65	27.57	27.05	27.78	26.48	.....
15	27.35	26.84	26.88	26.79	25.70	27.04	27.42	27.48	27.73	27.77	26.28	.....
20	27.04	26.97	26.83	26.47	25.38	27.52	27.04	25.52	27.59	27.10	.....	.....
25	27.12	27.82	26.68	26.20	25.26	27.33	27.15	27.27	27.31	27.34	.....	.....
Eom	27.37	27.52	26.49	25.98	25.07	28.05	27.45	27.44	27.24	26.84	.....	.....

271538N0803714.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+25.24	+24.91	+25.33	+24.60	+24.20	+25.31	+27.24	+26.01	+25.53	+25.22	+26.21	+25.16
10	25.20	24.88	25.25	24.54	24.15	25.70	27.08	25.74	25.43	26.36	25.86	25.08
15	25.16	24.71	25.10	24.48	24.05	25.75	26.88	25.72	25.39	26.25	25.60	25.35
20	25.13	24.70	24.94	24.44	24.10	26.24	26.78	26.37	25.17	25.91	25.49	25.26
25	25.07	25.35	24.81	24.39	24.06	26.90	26.59	26.16	24.99	26.68	25.35	25.13
Eom	24.99	25.31	24.70	24.31	23.98	26.97	26.31	25.74	24.86	26.51	25.22	25.04
1968												
5	+24.98	+24.56	+24.40	+24.34	+24.25	+27.38	+29.16	+27.02	+26.07	+26.20	+26.46	+26.03
10	24.90	24.54	24.35	24.35	24.28	.....	28.90	26.63	25.99	26.67	26.90	25.80
15	24.82	24.49	24.34	24.35	25.62	e27.45	27.40	26.09	26.18	26.12	26.85	25.65
20	24.73	24.49	24.35	24.27	25.80	27.84	27.19	26.23	25.74	27.10	26.61	24.46
25	24.68	24.53	24.34	24.16	26.44	27.20	27.05	25.96	26.34	27.00	26.42	24.35
Eom	24.61	24.47	24.34	24.06	27.26	27.92	26.77	25.66	26.05	26.60	26.22	24.19
e Estimated.												

e Estimated.

272655N0804016.1. Local number St. L. 42. U. S. Geol. Survey. 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: 1950-68.

Highest water level for the day, above msl, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	+25.38	+e25.90	+24.93	+24.55	+24.93	+24.81	+25.53	+25.08	+27.35	+25.40	+25.02	+24.73
10	25.45	e25.93	24.83	24.50	24.66	25.75	26.20	25.15	27.29	25.34	24.88	24.69
15	25.35	25.70	24.71	24.45	25.12	25.13	25.58	25.56	27.45	26.05	24.75	24.58
20	25.23	25.37	24.66	24.38	24.80	24.79	25.35	26.42	26.82	25.27	24.66	24.53
25	25.11	25.15	24.62	24.36	24.54	24.60	26.03	25.97	25.97	25.09	24.61	24.43
Eom	25.00	25.05	24.65	24.76	24.37	25.17	25.39	27.95	25.50	25.09	24.56	24.47
1965												
5	+24.52	+24.56	+e25.70	.....	+24.16	+24.01	+25.56	+25.73	+25.26	+26.19	+26.32	+24.88
10	24.46	24.70	25.07	+24.72	24.07	24.13	25.12	25.71	25.35	25.55	25.83	24.78
15	24.45	24.64	.....	24.57	23.99	24.74	25.49	25.56	24.98	25.84	25.43	24.88
20	e24.50	24.62	.....	24.44	23.88	25.56	27.28	25.29	25.04	25.40	25.14	24.90
25	24.55	25.64	.....	24.39	24.02	25.56	26.35	25.10	25.18	25.45	25.00	24.83
Eom	24.54	25.23	.....	24.28	24.03	25.00	25.93	25.22	26.18	26.91	24.93	24.81
1966												
5	+26.14	+25.42	+25.66	+25.02	+24.60	+24.71	+25.35	+26.21	+26.67	+25.52	+25.35	+24.84
10	25.98	25.20	25.33	24.94	24.65	26.25	25.29	26.65	27.11	25.55	.....	24.84
15	25.75	25.09	25.15	24.83	25.05	25.57	26.11	27.50	27.02	27.06	25.09	24.79
20	25.48	25.25	25.00	24.73	24.81	25.44	25.51	27.78	26.38	26.98	25.00	24.76
25	25.52	26.64	24.88	24.69	24.76	25.14	25.53	27.26	25.87	26.61	24.95	24.73
Eom	25.25	26.19	24.90	24.65	24.73	26.28	26.34	26.84	25.82	25.67	24.86	24.71
1967												
5	+24.75	+24.67	+24.70	+24.33	+24.02	+24.83	.....	+25.56	+25.36	.....	+25.00	+24.69
10	24.74	24.50	24.67	24.27	24.00	25.36	.....	25.28	25.26	.....	24.89	24.67
15	24.70	24.57	24.58	24.18	23.93	25.70	.....	25.55	25.18	.....	24.84	24.86
20	24.75	24.50	24.51	24.14	23.89	.....	+26.61	25.34	25.14	.....	24.82	24.75
25	24.74	24.85	24.43	24.10	23.88	.....	25.87	25.11	24.93	.....	24.76	24.68
Eom	24.68	24.79	24.40	24.06	23.83	.....	25.28	25.07	25.08	+25.14	24.71	24.76
1968												
5	+24.67	+24.61	+24.60	+24.35	+24.10	.....	+26.47	+25.16	+24.78	+24.95	+24.91	+24.71
10	24.81	24.58	24.59	24.33	24.08	.....	26.95	25.11	25.30	25.27	25.23	24.63
15	24.85	24.55	24.55	24.26	24.36	26.75	.....	25.14	25.44	25.15	25.15	24.60
20	24.75	24.73	24.50	24.20	24.65	27.35	26.18	24.90	25.07	25.80	24.96	24.60
25	24.70	24.75	24.45	24.13	25.10	26.84	e25.84	24.73	25.14	25.40	24.85	24.60
Eom	24.65	24.70	24.38	24.10	25.46	26.40	24.26	24.71	25.29	25.02	24.78	24.60
e Estimated.												

e Estimated.

Santa Rosa County

302135N0870945.1. Local number 102. U. S. Geol. Survey. Gulf Breeze. 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: 1950-1968. Recording gage removed Sept. 10, 1964. May 4, 1965, 6.92; Apr. 27, 1966, 4.96; July 7, 8.58; May 2, 1967, 7.66; May 7, 1968, 8.85.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.85	5.74	4.64	5.28	....	5.16	6.30	7.05	6.19	....	....	....
10	6.27	5.77	4.62	4.83	4.00	5.39	6.46	6.19	6.24	....	....	....
15	5.98	5.81	4.83	3.95	4.22	5.60	6.61	6.01	....	....	....	....
20	5.80	5.42	4.80	4.00	4.45	5.80	6.77	5.90	....	....	....	....
25	5.74	5.39	5.04	4.21	4.66	6.00	6.83	5.86	....	....	....	....
Eom	5.73	5.01	5.17	3.44	4.93	6.15	6.93	6.01	....	....	....	....

Sarasota County

271938N0822518.1. Local number 9. Palmer Corp. 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 20.87 below lsd, May 3, 1968. Records available: 1930-37, 1941-68. Affected by seasonal pumping of nearby wells.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	4.03	3.05	3.12	1.48	3.10	5.29	2.80	2.05	1.47	1.62	4.10	5.94
10	....	3.11	3.80	1.61	3.12	4.60	2.82	2.00	1.29	2.60	4.63	5.48
15	....	3.04	4.43	2.17	3.60	4.40	2.94	1.90	1.32	1.60	5.67	5.30
20	e3.2	2.97	3.90	3.01	4.12	4.50	2.70	1.84	1.30	2.62	6.41	5.53
25	3.15	2.84	4.10	3.88	4.53	4.10	2.31	1.71	1.52	3.43	6.04	5.80
Eom	3.31	3.12	2.32	3.84	5.05	3.40	2.10	1.62	1.78	3.89	5.43	5.16

1965

5	5.01	5.36	3.63	6.54	8.55	....	h5.09	....	1.94	1.90	e3.4	4.38
10	6.03	4.40	3.57	7.97	9.69	....	....	....	....	2.13	e3.4	6.31
15	5.62	4.11	3.93	9.14	10.63	....	e4.3	....	2.00	e1.8	2.99	e5.7
20	5.20	4.00	4.35	9.90	e11.6	....	....	e2.5	2.20	1.98	e4.4	5.20
25	4.71	3.75	e4.7	8.92	....	....	e3.6	....	1.72	1.93	4.60	4.59
Eom	5.29	3.98	5.85	8.34	10.09	....	e3.2	2.02	e1.7	2.56	4.60	5.45

1966

5	5.73	4.46	4.38	7.19	9.28	8.14	4.51	3.33	3.23	2.77	4.43	9.53
10	5.53	4.57	4.95	5.79	7.83	7.20	4.22	3.18	3.19	2.72	5.40	9.60
15	6.11	4.32	5.50	5.89	7.51	6.41	3.93	3.06	3.03	3.08	5.65	8.51
20	5.89	4.07	5.92	6.48	8.94	5.60	3.68	3.00	2.95	3.68	e7.0	7.79
25	4.49	3.89	....	7.32	9.08	5.01	3.49	2.88	3.05	3.70	e7.4	8.78
Eom	4.24	3.64	6.87	8.63	8.10	4.48	3.24	3.25	2.80	4.24	8.04	9.00

1967

5	8.30	9.40	7.20	12.60	18.32	15.58	7.05	4.85	3.38	3.87	5.58	5.98
10	8.52	8.53	8.48	14.10	18.20	13.75	6.60	4.43	3.40	3.25	6.82	....
15	9.03	7.34	8.63	15.07	18.03	11.24	6.00	4.01	3.32	3.70	6.90	....
20	8.60	7.03	9.74	16.03	19.48	9.29	5.72	3.77	3.70	4.29	7.57	....
25	9.15	6.90	11.76	16.30	18.24	8.38	5.52	3.68	4.16	4.39	6.97	....
Eom	8.85	6.68	....	17.05	18.19	7.58	5.20	3.39	3.69	5.55	6.60	6.45

1968

5	6.93	12.20	8.88	14.97	18.30	9.05	5.02	3.80	3.15	3.92	3.72	4.61
10	8.10	10.33	8.09	16.05	17.05	8.12	4.76	3.80	2.96	3.86	3.55	5.40
15	8.75	9.50	7.90	15.47	15.42	7.47	4.50	3.85	2.80	4.15	3.41	5.75
20	9.82	11.31	8.55	17.99	14.60	6.70	4.28	3.71	2.78	3.38	3.38	6.55
25	10.15	10.17	10.45	19.51	12.80	5.92	4.10	3.76	2.90	3.30	4.40	7.21
Eom	11.36	9.06	13.56	19.48	11.15	5.50	4.00	3.35	3.00	4.15	4.18	5.87

e Estimated.

h Tape measurement.

Taylor County

300358N0833050.1. Local number 35. Buckeye Cellulose Corp. Drilled unused artesian well in Floridan aquifer, diam 17 to 12 in, depth 230 ft, cased to 189. Lsd 54.69 ft above msl. MP top of 17-in casing at lsd. Highest water level 0.69 above lsd, Apr. 2, 1948; lowest 36.6 below lsd, Dec. 24, 1968. Records available: 1946-68. Affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	19.0	19.3	16.2	18.7	18.3	16.5	15.1	13.8	e12.8	....
10	h25.83	.....	19.8	19.0	17.3	18.8	20.3	9.2	15.4	....	15.7	....
15	19.9	19.4	17.8	17.6	20.0	5.2	9.2	....	16.3	....
20	20.0	19.0	17.5	17.8	19.0	9.5	10.3	....	16.9	....
25	20.1	19.4	17.9	18.0	18.6	12.5	11.2	....	17.0	....
Eom	19.1	16.8	18.3	19.4	15.6	13.3	14.2	....	17.2	....

1965

5	17.1	....	e17.7	18.6	19.1	21.4	20.8	18.6	20.4	20.9	21.8	23.0
10	e14.6	....	....	18.5	18.9	20.2	21.6	19.0	18.9	21.4	20.9	22.2
15	....	....	....	18.7	19.8	19.0	21.1	18.0	17.9	21.7	21.0	22.4
20	....	....	....	18.9	20.1	20.1	20.1	16.3	18.3	21.9	21.0	22.7
25	....	....	....	19.0	20.4	20.6	21.6	18.8	19.5	22.1	20.3	23.3
Eom	....	....	....	19.2	19.8	21.1	21.4	18.7	20.0	21.6	21.6	22.8

1966

5	22.7	21.8	20.2	21.6	23.4	22.5	22.0	19.8	19.8	20.1	27.8	23.4
10	23.1	21.8	20.5	21.2	21.7	21.6	22.4	16.8	20.5	20.1	21.1	23.6
15	23.3	21.6	20.6	21.4	21.7	21.3	22.6	17.2	20.8	20.3	21.6	23.6
20	23.6	21.2	20.9	21.7	21.9	21.6	22.8	17.6	20.7	19.5	22.5	23.7
25	23.2	20.9	21.2	21.8	21.5	21.3	22.4	18.3	20.9	19.2	22.7	23.8
Eom	22.2	20.6	21.6	22.9	21.3	21.1	22.0	18.9	20.6	20.4	23.1	23.4

300358N0833050_1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	23.8	24.6	24.2	25.3	26.0	28.3	28.5	13.4	26.4	29.0	30.3	31.5
10	23.8	24.8	24.5	25.5	26.3	28.2	28.2	23.3	26.8	29.4	30.4	31.6
15	23.6	24.4	24.6	25.7	26.6	28.5	28.2	24.4	27.5	29.7	30.7	31.7
20	23.7	24.1	24.8	26.0	27.1	29.0	28.2	24.8	27.6	29.2	30.9	31.9
25	23.8	24.2	24.8	15.5	27.4	29.2	25.0	25.1	28.0	29.7	31.1	32.0
Eom	24.5	24.1	25.0	25.5	27.8	29.3	22.7	26.0	28.5	30.1	31.4	32.2
1968												
5	32.2	31.8	32.4	33.1	33.4	34.7	35.3	29.7	31.7	34.0	35.2	36.1
10	32.2	32.0	32.4	33.4	33.8	34.9	35.1	29.8	31.9	33.8	35.4	36.2
15	31.6	32.3	32.6	33.4	34.0	35.0	34.6	30.0	32.3	34.2	35.6	36.3
20	31.4	32.2	32.8	33.6	34.2	35.2	34.3	30.2	32.7	34.4	35.7	36.5
25	31.4	32.2	32.9	33.8	34.4	35.3	22.5	30.7	33.0	34.7	35.9	35.8
Eom	31.6	32.3	33.0	33.5	34.6	35.4	29.3	31.2	33.7	35.0	36.0	35.7

e Estimated.

h Tape measurement.

300407N0833143_1. Local number 36. Buckeye Cellulose Corp. 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 coupling, 2.30 ft above lsd. Highest water level 1.38 below lsd, Sept. 14, 1964; lowest 24.59 below lsd, Apr. 4, 1957. Records available: 1947-1968. Recording gage removed Mar. 4, 1965. Affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.15	8.42	6.31	6.79	5.05	6.48	6.60	....	....	2.41	4.34	3.49
10	11.32	8.34	6.38	6.92	5.35	6.55	....	....	3.90	3.14	4.60	3.90
15	9.50	8.19	6.57	7.06	5.62	6.69	6.31	....	1.42	3.00	4.85	4.07
20	8.88	7.84	6.50	7.22	5.88	6.88	5.30	....	2.00	3.52	4.88	4.30
25	8.60	7.57	6.44	7.32	6.09	7.01	5.45	....	2.40	3.80	4.95	4.50
Eom	8.51	6.50	6.64	....	6.29	6.98	....	....	2.85	4.08	4.75	4.79
1965												
5	5.00	5.85	....	....	....	....	....	....	....	....	....	....
10	5.17	5.97	....	....	....	....	....	....	....	....	....	....
15	5.36	5.89	....	....	....	....	....	....	....	....	....	....
20	5.59	5.90	....	....	....	....	....	....	....	....	....	....
25	5.62	5.99	....	....	....	....	....	....	....	....	....	....
Eom	5.70	6.13	....	....	....	....	....	....	....	....	....	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 3, 1965	6.01	Nov. 1, 1965	7.70	May 2, 1966	7.41	July 11, 1967	10.05
July 2	6.76	Jan. 3, 1966	8.40	May 1, 1967	9.40	May 7, 1968	14.95
Sept. 2	6.87	Mar. 7	5.88				

Union County

300747N0822258_1. Local number 007-222-1. U.S. Geol. Survey. 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 85.99 below lsd, Mar. 29-30, 1965; lowest 95.41 below lsd, June 2, 1968. Records available: 1958-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	93.79	91.28	90.03	90.13	e90.4	90.16	91.36	90.43	89.09	87.01	87.74	88.19
10	93.55	91.30	89.61	90.39	89.75	90.40	91.51	90.36	88.43	87.30	87.83	88.20
15	93.05	90.85	89.61	90.64	89.53	90.66	91.71	90.06	88.71	87.10	88.10	88.15
20	92.37	90.85	89.44	90.85	89.52	90.93	91.49	89.71	88.00	87.46	87.99	88.08
25	92.00	90.48	89.64	90.82	89.59	91.10	91.00	89.50	87.60	87.69	88.09	87.76
Eom	91.80	90.63	89.91	90.69	89.80	e91.4	90.80	89.11	87.30	87.67	88.23	87.59
1965												
5	87.22	87.90	86.52	86.16	87.52	89.45	.....	88.71	88.13	.....	88.83	89.18
10	87.02	87.77	86.50	86.12	87.78	89.73	89.10	88.44	88.29	.....	88.82	89.50
15	87.10	87.70	86.31	86.31	88.04	89.65	88.92	88.20	88.30	.....	88.98	89.27
20	87.46	87.31	86.10	86.58	88.34	89.46	88.78	88.02	.....	.....	89.02	89.00
25	87.46	86.83	86.01	86.94	88.71	e89.1	88.74	87.99	.....	.....	89.07	88.91
Eom	87.45	87.02	86.00	87.30	89.09	.....	88.75	88.15	.....	.....	89.13	89.07
1966												
5	88.95	88.52	87.16	86.36	88.23	87.94	87.73	88.09	87.87	88.32	88.73	89.53
10	89.14	88.38	87.18	86.59	87.96	87.64	87.81	88.09	88.00	88.33	88.70	89.44
15	88.80	88.28	86.50	86.98	88.20	87.85	87.94	87.80	88.01	88.20	88.95	89.83
20	89.18	88.18	86.49	87.34	88.20	87.84	88.07	87.59	88.25	88.17	89.07	89.63
25	88.86	87.81	86.39	87.66	88.03	87.90	88.10	87.47	88.50	88.20	89.12	89.96
Eom	88.75	87.40	86.15	87.91	87.80	87.75	87.92	87.66	88.40	88.39	89.21	89.91

300747_N0822258.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	89.92	89.21	88.56	89.81	91.06	92.09	92.37	92.15	91.63	91.92	92.65	93.32
10	89.60	89.35	88.87	89.97	91.11	92.18	92.46	92.13	91.41	91.84	92.86	93.03
15	89.40	89.20	88.95	90.23	91.35	92.23	92.30	92.02	91.53	92.20	92.73	93.23
20	89.51	88.70	89.30	90.35	91.69	92.26	92.40	91.69	91.63	92.32	92.93	93.41
25	89.28	88.74	89.40	90.61	91.76	92.38	92.30	91.70	91.69	92.23	92.88	93.36
Eom	89.29	88.56	89.66	90.89	91.91	92.30	92.20	91.66	91.80	92.44	93.10	93.27
1968												
5	93.38	93.44	93.60	94.10	94.78	95.19	95.31	95.21	95.02	94.32	94.78	94.51
10	93.13	93.31	93.51	94.15	95.18	94.98	95.30	95.20	94.70	94.36	94.24	94.75
15	93.11	93.49	93.95	94.22	95.22	95.14	95.42	95.28	94.52	94.43	94.44	94.56
20	93.33	93.37	93.83	94.48	95.22	95.07	95.32	95.29	94.38	94.40	94.58	94.56
25	93.08	93.55	93.90	94.70	95.36	95.15	95.27	95.27	94.21	94.41	94.50	94.72
Eom	93.44	93.27	94.00	94.21	95.25	95.37	95.23	95.03	94.34	94.65	94.57	94.68
e Estimated.												

e Estimated.

Volusia County

291105N0812515.1. Local number 29. E. M. Bolin. Barberville. Drilled domestic artesian well in Floridan aquifer, diam 6 in, depth 107 ft. Lsd 40.5 ft above ms1. MP top of 1-in hole in sanitary seal, 0.22 ft above lsd (since Jan. 1, 1967). Highest water level 9.47 below lsd, July 27, 1951; lowest 19.97 below lsd, May 1, 1968. Records available: 1936-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	16.87	May 5, 1965	17.23	Sept. 7, 1966	16.02	Nov. 1, 1967	16.69
Mar. 6	16.46	July 9	16.90	Nov. 3	15.74	Jan. 4, 1968	17.40
May 6	16.69	Sept. 10	15.94	Jan. 10, 1967	16.37	Mar. 4	19.18
July 10	17.46	Nov. 4	15.70	Feb. 27	17.15	May 1	19.97
Sept. 17	15.61	Jan. 10, 1966	16.03	May 1	18.93	July 5	19.75
Nov. 4	15.41	Mar. 10	15.84	26	19.28	Sept. 11	19.56
Jan. 8, 1965	15.72	May 4	17.20	July 10	17.85	Nov. 4	19.00
Mar. 3	15.90	July 13	15.95	Sept. 11	16.23		

291715N0812818.1. Local number 30. James C. Mew. Drilled unused artesian well in Floridan aquifer, diam 4 in, reported depth 180 ft. Lsd 14.9 ft above ms1. MP top of casing, 3.00 ft above lsd. New MP top of casing, 1.42 ft above lsd (since May 5, 1965). Highest water level 13.0 above lsd, July 14, 1961; lowest 6.61 above lsd, May 1, 1968. Records available: 1936-68.

Jan. 9, 1964	+10.0	May 5, 1965	+9.0	July 13, 1966	+10.62	July 10, 1967	+8.82
Mar. 6	10.4	July 9	9.82	Sept. 7	10.22	Sept. 11	9.82
May 6	10.0	Sept. 10	10.42	Nov. 3	10.72	Jan. 5, 1968	8.32
July 10	8.8	Nov. 4	10.42	Jan. 6, 1967	9.62	May 1	6.61
Sept. 17	11.0	Jan. 10, 1966	10.42	Mar. 7	9.82	July 5	9.92
Nov. 4	11.0	Mar. 10	10.42	May 1	9.12	Sept. 11	10.21
Jan. 8, 1965	10.6	May 4	9.22	26	7.26	Nov. 1	8.98
Mar. 3	10.6						

285745N0810540.1. Local number 31. Florida State Road Dept. Alama. Drilled unused artesian well in Floridan aquifer, diam 6 in, depth 113 ft. Lsd 35.9 ft above ms1. MP top of recorder shelter base, 3.1 ft above lsd. Highest water level 3.80 below lsd, September 1945; lowest 8.78 below lsd, May 30-31, 1968. Records available: 1936-68. Recording gage removed Mar. 9 - May 11, 1966.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	4.41	4.92	....	....	7.10	7.19	5.94	5.00	5.16	5.57	5.80
10	....	4.50	5.08	....	....	7.18	6.86	5.78	4.33	5.22	5.66	5.61
15	....	4.61	5.13	....	6.05	7.40	7.00	5.30	4.43	5.04	5.84	5.68
20	....	4.62	4.88	....	6.33	7.52	6.99	4.90	4.79	5.17	5.90	5.80
25	4.50	4.72	4.99	....	6.58	7.61	6.27	4.99	4.80	5.40	5.83	5.80
Eom	4.52	4.83	....	....	6.83	7.66	5.89	4.78	5.01	5.55	5.82	5.81
1965												
5	5.80	5.88	5.30	5.40	6.83	8.21	....	....	h6.05	....	....	....
10	5.81	5.56	5.50	5.60	e7.1	8.17	....	....	....	....	....	....
15	5.77	5.55	5.43	5.93	....	....	....	....	....	....	h5.77	....
20	5.70	5.60	5.40	6.20	....	....	....	....	....	....	....	....
25	5.70	5.39	5.39	6.47	e7.8	....	....	....	....	....	....	....
Eom	5.78	5.40	5.26	6.60	7.98	h6.34	....	....	....	....	....	....
1966												
5	....	....	....	....	....	e5.50	4.85	....	....	4.58	5.05	5.87
10	h5.85	....	5.13	....	5.68	5.07	4.93	....	5.43	4.70	5.18	5.89
15	....	....	....	....	5.63	4.99	5.03	....	5.12	4.82	5.33	5.80
20	....	....	....	....	5.83	4.91	5.23	....	5.06	4.96	5.48	5.70
25	....	....	....	....	5.92	5.07	5.08	....	4.94	4.64	....	5.82
Eom	....	....	....	....	e5.35	4.99	....	....	4.52	4.76	5.68	5.95

285745N0810540.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.88	6.18	5.61	6.62	7.97	8.68	6.05	5.12	5.11	5.03	6.20	7.06
10	....	6.02	5.68	6.86	8.12	8.69	5.74	5.08	5.16	5.22	6.38	7.12
15	....	5.58	5.77	7.08	8.34	8.68	5.80	4.88	4.86	5.47	6.46	6.79
20	....	5.53	6.04	7.27	8.59	8.20	5.34	4.98	4.98	5.61	6.66	6.78
25	....	5.45	6.21	7.55	8.55	7.58	5.36	5.23	5.24	5.79	6.74	6.82
Eom	6.08	5.51	6.42	7.80	8.57	6.90	5.38	5.24	4.99	6.00	6.93	6.88
1968												
5	6.69	7.47	6.93	6.86	8.23	7.40	5.20	5.37	4.94	5.70	4.99	5.31
10	6.84	7.52	6.88	7.08	8.50	6.04	4.90	5.46	5.16	5.86	4.95	5.54
15	6.95	7.67	6.65	7.28	8.60	5.60	4.89	5.30	5.32	5.83	4.92	5.55
20	7.10	7.36	6.30	7.50	8.68	5.32	5.00	5.12	5.48	4.73	4.95	5.65
25	7.24	7.10	6.41	7.80	8.80	5.40	5.20	5.40	5.50	4.64	5.04	5.72
Eom	7.33	6.91	6.61	8.06	8.78	5.12	5.50	4.88	5.52	4.88	5.23	5.63

e Estimated.

h Tape measurement.

291905N0812510.1. Local number 32. Robert Nolan. Drilled unused artesian well in Floridan aquifer, diam 6 in, reported depth 138 ft. Lsd 23.3 ft above msl. MP top of casing, 1.08 ft above lsd. Highest water level 0.4 below lsd, September, October 1947; lowest 7.07 below lsd, May 1, 1968. Records available: 1936-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1964	2.71	May 5, 1965	4.26	Sept. 7, 1966	2.52	Nov. 1, 1967	3.22
Mar. 6	2.38	July 8	3.25	Nov. 3	2.26	Jan. 4, 1968	4.09
May 6	2.86	Sept. 9	2.37	Jan. 6, 1967	3.12	Mar. 4	4.51
July 10	3.89	Nov. 4	2.37	Mar. 7	3.02	May 1	7.07
Sept. 17	1.80	Jan. 10, 1966	2.43	May 1	6.33	July 8	4.12
Nov. 4	1.80	Mar. 10	2.15	26	6.30	Sept. 19	3.03
Jan. 8, 1965	2.01	May 4	3.99	July 10	4.12	Nov. 5	2.45
Mar. 3	2.13	July 13	2.33	Sept. 11	2.65		

Wakulla County

300917N0841213.1. Local number 2. O. P. Shields. St. Marks. Drilled unused artesian well in Floridan aquifer, diam 4 in, depth 65 ft, cased to 22. Lsd 4.18 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, 1946-68. Affected by tides.

Jan. 13, 1964	2.34	May 3, 1965	1.38	Sept. 9, 1966	1.87	Nov. 6, 1967	2.12
Mar. 2	.66	July 2	1.32	Oct. 27	2.42	Jan. 4, 1968	1.54
May 4	1.42	Sept. 2	1.20	Dec. 30	2.21	Mar. 4	2.16
July 6	1.92	Nov. 1	2.59	Mar. 6, 1967	1.46	May 7	1.94
Sept. 8	1.36	Jan. 11, 1966	2.10	Apr. 30	1.70	July 8	1.44
Nov. 5	1.98	Mar. 7	1.54	July 11	.69	Sept. 9	1.78
Jan. 4, 1965	2.03	May 11	1.62	Sept. 5	1.29	Nov. 4	1.50
Mar. 5	1.41	July 10	1.97				

300000N0842610.1. Local number 11. U.S. Dept. of Interior. 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: 1946-68. Affected by tides.

Jan. 6, 1964	7.29	July 9, 1964	7.05	Apr. 29, 1966	7.10	May 5, 1967	6.58
Mar. 2	6.93	May 6, 1965	7.10	July 8	8.07	May 15, 1968	8.10
May 4	6.90						

Walton County

302214N0860652.1. Local number 13. O. H. Saltzman. Point Washington. 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 1.05 above lsd, July 22, 1968. Records available: 1936, 1946-68.

Jan. 10, 1964	+10.8	Sept. 9, 1965	+12.3	Mar. 9, 1967	+12.0	June 19, 1968	+4.1
Mar. 5	11.8	Nov. 3	12.2	May 4	11.1	July 3	2.41
May 8	13.1	Jan. 13, 1966	12.6	July 11	10.8	7	1.43
July 8	12.4	Mar. 10	12.8	Sept. 8	11.0	22	1.05
Sept. 10	12.1	Apr. 25	12.5	Nov. 8	10.8	24	1.11
Nov. 5	12.4	July 15	10.8	Jan. 11, 1968	11.0	Aug. 23	1.55
Jan. 6, 1965	12.4	Sept. 19	11.3	Feb. 29	10.8	Sept. 5	2.14
Mar. 2	13.0	Nov. 3	11.1	May 15	7.3	Oct. 1	2.64
May 5	12.4	Jan. 5, 1967	10.4	June 7	5.0	Nov. 7	3.60
July 8	12.2						

Washington County

304632N0854851.1. Local number 4. Town of Caryville. Drilled public-supply artesian well in Floridan aquifer, diam 4 in, reported depth 785 ft. Lsd 62.97 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, 1946-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1964	10.48	May 3, 1965	10.25	Sept. 12, 1966	14.00	Nov. 6, 1967	11.10
Mar. 4	12.46	July 6	12.10	Oct. 31	14.95	Jan. 8, 1968	10.15
May 6	7.20	Sept. 8	12.85	Jan. 3, 1967	12.20	Mar. 1	11.50
July 6	11.60	Nov. 1	12.53	Mar. 6	10.55	May 7	12.50
Sept. 8	10.76	Jan. 6, 1966	12.00	May 1	12.75	July 1	14.75
Nov. 3	10.89	Mar. 9	6.80	July 10	13.43	Sept. 3	15.99
Jan. 4, 1965	8.60	Apr. 28	11.35	Sept. 5	12.76	Nov. 4	17.10
Mar. 3	9.08	July 5	12.68				

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GEORGIA

The observation-well program in Georgia, begun in 1938, was continued during 1964 through 1968, 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 according to their latitude-longitude location, as explained elsewhere in this publication. Local well numbers have been continued for convenience and easy reference to previously published data. The current well-numbering system used in this report, which is based on a $7\frac{1}{2}$ -minute latitude and longitude grid, has been adapted for the ground-water work in Georgia. The State is divided into $7\frac{1}{2}$ -minute quadrangles starting at longitude $85^{\circ}42'30''$ on the west and latitude $35^{\circ}15'$ on the south. The quadrangles are numbered from 1 to 40 beginning at longitude $85^{\circ}42'30''$ on the west and continuing eastward. They are lettered from south to north beginning at latitude $30^{\circ}15'$, starting with A thru Z, omitting letters "O" and "I", and with double letters AA thru QQ. The $7\frac{1}{2}$ -minute quadrangle is identified by the longitude and latitude lines along its south and west sides. To identify a $7\frac{1}{2}$ -minute quadrangle, read right, then up. Thus a well in Glynn County in quadrangle 32H is bounded on the west by longitude $81^{\circ}30'$ and on the south by latitude $31^{\circ}07'30''$. The wells are numbered serially within each quadrangle.

Well Descriptions and Water-level Measurements

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

Appling County

314612N0821954.1. 27N4. Local number 3. Filtered Rosin Products Co. Near Baxley. Drilled industrial artesian well in Ocala Limestone, 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 129.6 below lsd, Sept. 20, 1946; lowest 148.21 below lsd, Dec. 3, 1968. Records available: 1940-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 4, 1964	141.90	Oct. 11, 1965	141.20	May 9, 1967	142.10	May 9, 1968	145.60
Oct. 12	141.00	May 9	140.40	Oct. 10	143.80	Oct. 24	146.30
May 10, 1965	139.50	Oct. 11	141.90	Nov. 28	143.95	Dec. 3	148.21

Brantley County

311100N0815900.1. 30H3. Okfeenokee Rural Electrification Assoc. Drilled industrial artesian well in Ocala Limestone, diam 6 in, depth 650 ft, cased to 578. Lsd 61 ft above msl. MP top of 6-in casing, 1.08 ft above lsd. Highest water level 13.77 below lsd, May 11, 1965; lowest 20.70 below lsd, Oct. 24, 1968. Records available: 1963-68.

Oct. 8, 1963	18.42	May 11, 1965	13.77	Oct. 12, 1966	16.22	May 9, 1968	19.30
May 5, 1964	15.12	Oct. 12	15.82	May 9, 1967	16.80	Oct. 24	20.70
Oct. 13	14.42	May 10, 1966	15.57	Oct. 10	18.30		

Bryan County

321407N0812649.1. 34R40. Local number 144. U. Butler. Eldora. Drilled artesian well in Ocala Limestone, diam 3 in, depth about 400 ft, cased to 80. Lsd 65.7 ft above msl. MP top of casing, 0.90 ft above lsd. Highest water level 19.85 below lsd, Nov. 29, 1945; lowest 40.45 below lsd, Aug. 21, 1967. Records available: 1942-68.

Jan. 10, 1964	35.65	Mar. 26, 1965	32.30	Feb. 14, 1966	34.20	Aug. 21, 1967	40.45
Mar. 16	34.2	Apr. 26	32.80	Mar. 25	33.80	Oct. 19	36.90
Apr. 17	34.9	June 1	33.00	Apr. 22	34.60	Nov. 15	36.90
May 27	34.45	July 20	33.70	June 23	34.10	Jan. 26, 1968	35.40
June 26	34.55	Aug. 25	33.90	Sept. 30	34.90	Mar. 26	36.20
Aug. 21	34.35	Sept. 24	33.80	Dec. 8	35.40	Apr. 30	36.50
Sept. 22	34.10	Oct. 29	34.00	May 5, 1967	36.85	June 26	37.50
Dec. 11	33.65	Dec. 10	34.30	June 26	37.20	Dec. 2	38.25

320906N0813032.1. 33R10. Local number 146. Mill Creek School. Drilled domestic artesian well in Ocala Limestone, 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 42.35 below lsd, Dec. 2, 1968. Records available: 1941-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1964	38.75	Mar. 26, 1965	36.00	Feb. 14, 1966	37.50	Aug. 21, 1967	38.55
Mar. 16	38.3	Apr. 26	35.95	Mar. 25	37.60	Oct. 19	39.00
Apr. 17	38.2	June 1	36.50	Apr. 22	37.80	Nov. 15	39.15
May 27	37.5	July 20	36.85	June 23	37.80	Jan. 26, 1968	39.00
June 26	38.0	Aug. 25	37.40	Sept. 30	38.50	Mar. 26	39.35
Aug. 21	37.8	Sept. 24	37.65	Dec. 8	38.85	Apr. 30	39.70
Sept. 22	37.50	Oct. 29	38.10	May 16, 1967	38.65	June 26	40.50
Dec. 11	36.95	Dec. 10	38.00	June 26	38.70	Dec. 2	42.35

315035N0811516.1. 35N16. Local number 148. International Paper Co. Keller. Drilled domestic artesian well in Ocala Limestone, 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 16.52 below lsd, Dec. 12, 1968. Records available: 1940-68.

Mar. 18, 1964	11.82	June 28, 1965	11.02	Sept. 28, 1966	11.92	Dec. 8, 1967	12.12
June 12	11.32	Sept. 19	11.32	Dec. 9	12.17	Mar. 26	12.72
Sept. 24	11.22	Nov. 30	11.02	Apr. 26, 1967	11.87	July 16	14.92
Dec. 11	10.92	Mar. 29, 1966	10.77	June 28	12.22	Dec. 12	16.52
May 3, 1965	10.12	June 24	11.32	Sept. 19	12.12		

315132N0811655.1. 35N35. Local number 149. International Paper Co. Drilled domestic artesian well in Ocala Limestone, diam 4 in, depth 500 ft, cased to 160. Lsd 10 ft above msl. MP top of 4-in tee, 0.68 ft above lsd. Highest water level 5.65 above lsd, Dec. 17, 1940; lowest 19.17 below lsd, Dec. 12, 1968. Records available: 1940-47, 1949-68.

Mar. 18, 1964	13.87	June 28, 1965	13.12	Sept. 28, 1966	14.22	Dec. 8, 1967	14.62
June 12	13.37	Sept. 14	13.52	Dec. 9	14.52	Mar. 26, 1968	14.22
Sept. 24	13.32	Nov. 30	13.42	Apr. 26, 1967	14.42	July 16	17.62
Dec. 11	12.97	Mar. 29, 1966	13.02	June 28	13.82	Dec. 12	19.17
May 3, 1965	12.17	June 24	13.62	Sept. 19	14.62		

315731N0811934.1. 35P71. Local number 150. Mrs. E.M. Berry. Richmond Hill. Drilled domestic artesian well in Ocala Limestone, diam 4 to 3 in depth 480 ft, cased to about 400. Lsd 15 ft above msl. MP top of 2-in tee, 0.90 ft above lsd. Highest water level 12.57 above lsd, Dec. 17, 1940; lowest 13.15 below lsd, Dec. 12, 1968. Records available: 1940-68.

Mar. 17, 1964	8.75	June 28, 1965	8.50	Sept. 28, 1966	9.00	Dec. 7, 1967	8.95
June 12	8.50	Sept. 14	8.55	Dec. 9	9.25	Mar. 26, 1968	9.25
Sept. 24	8.05	Nov. 3	8.05	Apr. 26, 1967	9.00	July 16	11.85
Dec. 10	7.55	Mar. 29, 1966	7.85	June 28	9.30	Dec. 12	13.15
May 3, 1965	7.15	June 24	8.45	Sept. 19	8.95		

315022N0811613.1. 35N21. Local number 151. International Paper Co. Drilled domestic artesian well in Ocala Limestone, diam 4 in, depth 500 ft, cased to 160. Lsd 18 ft above msl. MP top of 4-in tee, 1.00 ft above lsd. Highest water level 8.3 above lsd, Mar. 25, 1941; lowest 15.55 below lsd, Dec. 12, 1968. Records available: 1941-68.

Mar. 18, 1964	10.81	June 28, 1965	10.11	Sept. 28, 1966	11.01	Dec. 8, 1967	11.26
June 12	10.31	Sept. 14	10.19	Dec. 9	11.26	Mar. 26, 1968	11.91
Sept. 24	10.11	Nov. 30	10.31	Apr. 26, 1967	11.01	July 16	14.01
Dec. 11	9.96	Mar. 29, 1966	9.81	June 28	11.31	Oct. 11	15.20
May 3, 1965	9.26	June 24	10.41	Sept. 19	11.10	Dec. 12	15.55

315326N0811157.1. 36P6. Local number 162. International Paper Co. Drilled domestic artesian well in Ocala Limestone, diam 4 in, depth 780 ft, cased to 152. Lsd 15 ft above msl. MP top of 4-in pipe, 1.85 ft above lsd. Highest water level 0.67 above lsd, June 23, 1943; lowest 24.55 below lsd, Dec. 12, 1968. Records available: 1943, 1964-68.

Mar. 18, 1964	19.85	June 28, 1965	20.65	Sept. 28, 1966	20.45	Dec. 8, 1967	20.50
June 12	20.15	Sept. 14	20.00	Dec. 9	21.15	Mar. 26, 1968	21.15
Sept. 24	19.65	Nov. 30	19.65	Apr. 26, 1967	21.15	July 16	23.35
Dec. 11	19.75	Mar. 29, 1966	19.30	June 28	21.00	Dec. 12	24.55
May 3, 1965	18.45	June 24	20.10	Sept. 19	20.25		

314923N0811730.1. 35N27. Local number 171. Deal & Purvis. Belfast. Drilled domestic artesian well in Ocala Limestone, 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 14.60 below lsd, Dec. 12, 1968. Records available: 1942-68.

Mar. 18, 1964	9.20	June 28, 1965	8.70	Sept. 28, 1966	9.30	Mar. 26, 1968	10.70
June 12	8.70	Sept. 14	8.70	Dec. 9	10.0	July 16	12.80
Sept. 24	8.20	Nov. 30	8.80	Apr. 26, 1967	9.55	Oct. 11	13.90
Dec. 11	8.50	Mar. 29, 1966	8.40	June 28	9.70	Dec. 12	14.60
May 3, 1965	7.65	June 24	8.75	Dec. 8	9.75		

Bulloch County

322728N0814600.1. 31T2. Local number 71. Wingate Faceville. Drilled industrial artesian well in Ocala Limestone, diam 8 in, depth 390 ft. Lsd 187 ft above msl. MP top of 8-in casing, 4.50 ft above lsd. Highest water level 67.7 below lsd, Feb. 1, 1949; lowest 85.30 below lsd, Oct. 24, 1968. Records available: 1948-68.

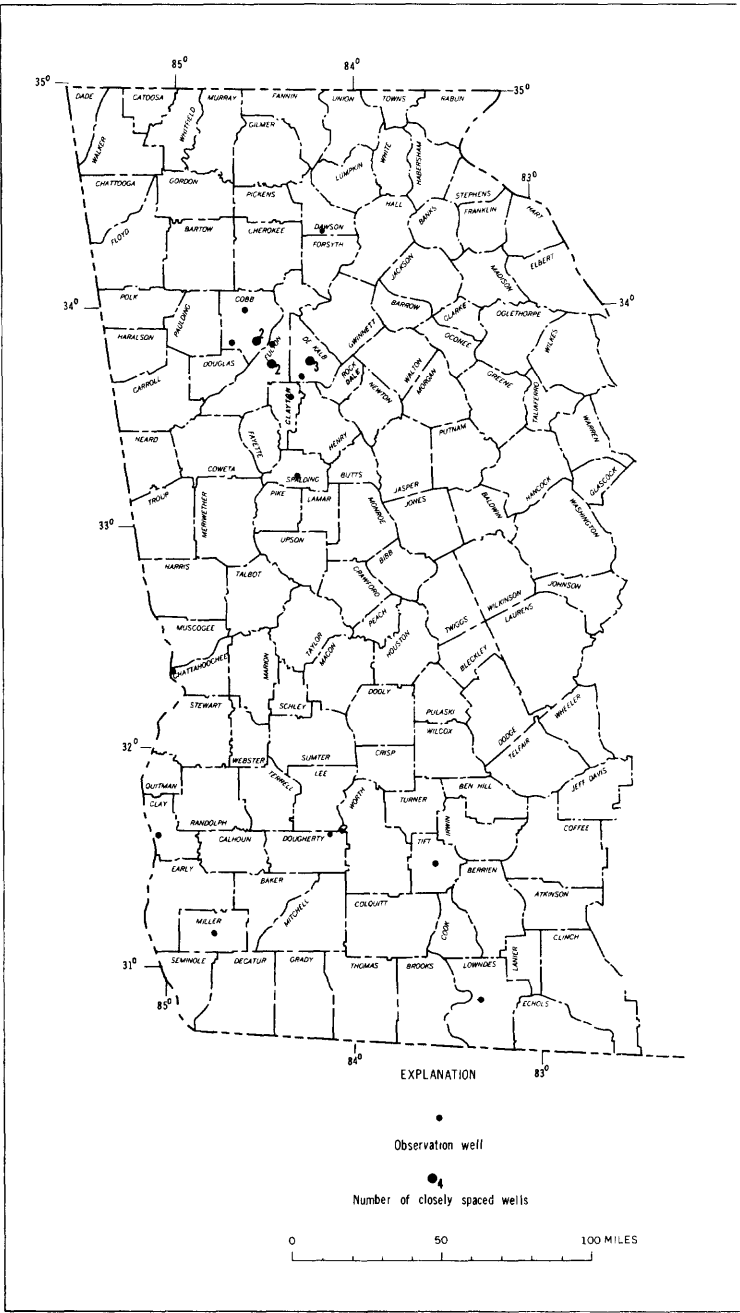
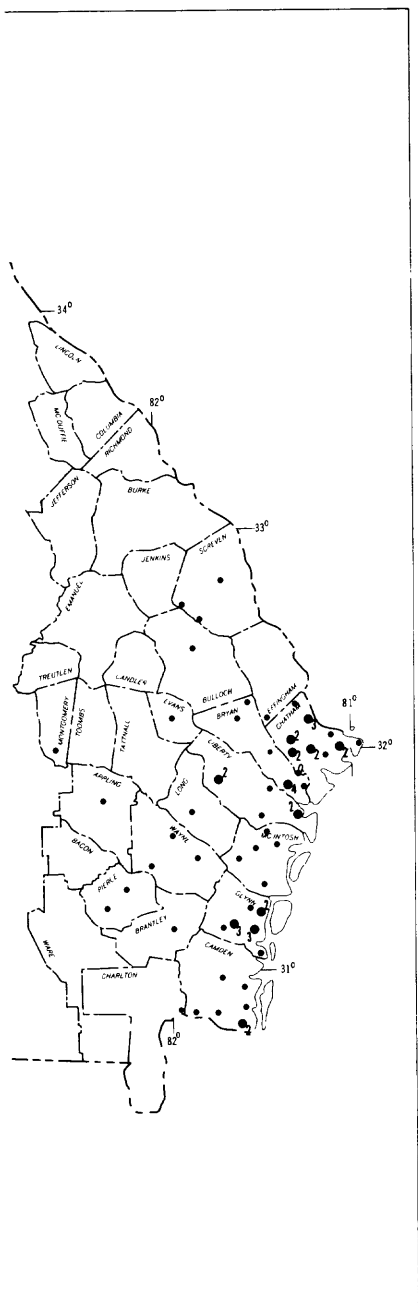


Figure 4.--Location of observation



wells in Georgia, 1964-68.

322728N0814600.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 4, 1964	74.30	Oct. 11, 1965	74.00	Oct. 11, 1966	76.40	May 9, 1968	82.70
Oct. 12	74.33	Jan. 27, 1966	74.30	May 8, 1967	76.75	Oct. 24	85.30
May 10, 1965	74.10	May 9	78.95	Oct. 9	78.30		

Camden County

304800N0814118.1. 32E11. Local number 12. J. J. Godley. Kingsland. Drilled domestic artesian well in Ocala Limestone, 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 4.80 above lsd, May 8, 1968. Records available: 1938, 1940-68.

May 5, 1964	+10.77	Oct. 12, 1965	+9.15	May 9, 1967	+7.50	May 8, 1968	+4.80
Oct. 13	10.45	May 10, 1966	9.20	Oct. 10	6.70	Oct. 22	5.70
May 11, 1965	11.18	Oct. 12	7.38				

304450N0813350.1. 33E2. Local number 14. Rayonier, Inc. Drilled domestic artesian well in Ocala Limestone, 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, 1938; lowest 12.07 above lsd, May 8, 1968. Records available: 1938, 1957-68.

May 5, 1964	+17.72	Oct. 12, 1965	+17.04	May 9, 1967	+15.46	May 8, 1968	+12.07
Oct. 13	17.26	May 10, 1966	17.04	Oct. 10	13.99	Oct. 23	12.86
May 11, 1965	18.06	Oct. 12	16.03				

305634N0814017.1. 32F45. Local number 59. Mrs. Jessie Colson. Drilled artesian well in Ocala Limestone, 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 17.56 above lsd, Oct. 23, 1968. Records available: 1939-46, 1949-68.

May 5, 1964	+22.44	Oct. 12, 1965	+21.74	May 9, 1967	+20.39	May 8, 1968	+17.67
Oct. 13	22.54	May 10, 1966	22.53	Oct. 10	19.93	Oct. 23	17.56
May 11, 1965	23.44						

304753N0813103.1. 33E18. Local number 68. Kings Bay Club. U.S. Government. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 525 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 20.79 above lsd, May 8, 1968. Records available: 1939-47, 1949-68.

May 5, 1964	+28.47	Oct. 12, 1965	+26.89	May 9, 1967	+25.08	May 8, 1968	+20.79
Oct. 13	28.15	May 10, 1966	27.34	Oct. 10	23.16	Oct. 23	23.28
May 11, 1965	28.70	Oct. 12	25.87				

305045N0813103.1. 33E9. Local number 71. St. Marys American Legion Club. Drilled domestic artesian well in Ocala Limestone, 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 29.06 above lsd, May 8, 1968. Records available: 1939, 1957-68.

May 5, 1964	+38.66	Oct. 12, 1965	+36.59	May 9, 1967	+34.93	May 8, 1968	+29.06
Oct. 13	38.55	May 10, 1966	38.10	Oct. 10	32.56	Oct. 23	32.56
May 11, 1965	37.55	Oct. 12	36.97				

304830N0815110.1. 31E5. Local number 118. Mrs. Oscar Silcox. Drilled domestic artesian well in Ocala Limestone, 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 22.80 above lsd, May 8, 1968. Records available: 1939, 1941-68.

May 5, 1964	+29.35	Oct. 12, 1965	+28.22	May 9, 1967	+26.75	May 8, 1968	+22.80
Oct. 13	29.59	May 10, 1966	28.56	Oct. 10	26.07	Oct. 23	24.00
May 11, 1965	30.48	Oct. 12	28.56				

304344N0813244.1. 33D4. Local number 161. Edward Floyd. St. Marys. Drilled domestic artesian well in Ocala Limestone, 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 21.70 below lsd, May 5, 1964. Records available: 1952-68.

May 5, 1964	21.70	Oct. 12, 1965	19.00	May 9, 1967	14.50	May 8, 1968	17.70
Oct. 13	21.00	May 10, 1966	18.42	Oct. 10	17.30	Oct. 23	16.40
May 11, 1965	16.40	Oct. 12	17.92				

Charlton County

304950N0815410.1. 30E2. Local number 2. Previously reported in Camden County. Lester Varn. Drilled artesian well in Ocala Limestone, 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 31.08 above lsd, May 8, 1968. Records available: 1939, 1958-68.

May 5, 1964	+39.89	Oct. 12, 1965	+39.44	May 9, 1967	+33.56	May 8, 1968	+31.08
Oct. 13	36.39	May 10, 1966	38.67	Oct. 10	34.10	Oct. 23	31.30
May 11, 1965	38.65	Oct. 12	35.60				

Chatham County

320459N0810753.1. 36Q11. Local number 28. Reliance Fertilizer Co. Drilled industrial artesian well in Ocala Limestone, diam 8 in, depth 480 ft, cased to 160. Lsd 16.37 ft above msl. MP hole in pumpbore, 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, 1952-68.

320459N0810753.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	115.25	Dec. 15, 1964	105.75	Oct. 25, 1965	113.75	Nov. 30, 1966	116.10
Mar. 23	112.40	Jan. 25, 1965	110.06	Dec. 9	112.30	July 24, 1967	112.50
Apr. 20	113.80	Feb. 23	111.60	Feb. 21, 1966	112.80	Aug. 28	116.50
May 25	119.10	Mar. 22	109.25	Mar. 21	111.40	Nov. 29	112.50
June 22	120.10	Apr. 23	113.70	Apr. 21	116.95	Feb. 20, 1968	108.75
July 23	118.75	May 24	117.70	May 21	114.30	Mar. 22	110.90
Aug. 24	117.10	June 21	117.40	Aug. 22	119.50	Apr. 17	114.00
Sept. 22	113.15	July 26	117.55	Sept. 20	116.20	July 19	118.00
Nov. 23	112.8	Sept. 24, 1965	114.50	Oct. 24	112.95	Dec. 5	112.70

320657N0810757.1. 36Q5. Local number 30. The Ruberoid Co. Formerly Dixie Asphalt Corp. Drilled industrial artesian well in Ocala Limestone, 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 118.20 below lsd, Sept. 23, 1963. Records available: 1938-68.

Jan. 27, 1964	108.40	Feb. 23, 1965	105.60	Apr. 21, 1966	109.10	Sept. 20, 1967	106.65
Feb. 26	110.00	Mar. 22	103.20	June 21	107.90	Oct. 20	102.00
Mar. 23	108.00	Apr. 23	106.50	Aug. 22	110.0	Nov. 29	105.10
Apr. 20	109.10	May 24	109.35	Sept. 20	107.10	Jan. 22, 1968	100.90
May 25	112.00	June 21	109.10	Oct. 24	108.05	Feb. 20	101.20
June 22	112.90	July 26	109.80	Nov. 30	108.50	Mar. 22	103.20
July 23	112.45	Sept. 27	106.55	Mar. 27, 1967	102.90	May 17	106.80
Aug. 24	110.90	Oct. 25	106.55	Apr. 21	99.55	June 20	108.80
Sept. 22	107.50	Dec. 9	105.30	June 20	105.40	July 19	108.10
Oct. 26	106.70	Feb. 21, 1966	104.90	July 24	104.70	Aug. 21	109.60
Dec. 15	99.40	Mar. 21	106.0	Aug. 28	107.90	Dec. 6	108.15

320507N0810601.1. 37Q7. Local number 63. Southern Marine Supply. Formerly Colonial Ice Co. McGuire and Indian Sts., Savannah. Drilled industrial artesian well in Ocala Limestone, 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: 1939-68.

Jan. 27, 1964	112.30	Apr. 23, 1965	111.90	July 20, 1966	118.40	Nov. 20, 1967	110.75
Feb. 26	112.30	May 24	118.10	Aug. 22	119.15	Dec. 23	107.80
Mar. 23	111.30	June 21	114.00	Sept. 20	117.20	Jan. 22, 1968	107.20
Apr. 20	111.20	July 26	118.30	Oct. 24	115.80	Feb. 20	106.45
May 25	118.10	Aug. 25	119.70	Nov. 30	115.60	Mar. 22	109.50
June 22	118.10	Sept. 24	118.58	Jan. 25, 1967	111.50	Apr. 17	113.45
July 23	116.60	Oct. 25	112.30	Feb. 20	109.70	May 17	114.10
Aug. 24	116.80	Nov. 25	111.72	Mar. 27	111.00	June 20	119.00
Sept. 22	114.30	Dec. 9	110.30	Apr. 21	117.50	July 19	117.30
Oct. 26	110.50	Jan. 24, 1966	109.04	May 23	118.10	Aug. 21	118.85
Nov. 23	109.70	Feb. 21	111.90	June 20	111.60	Sept. 20	117.10
Dec. 15	104.60	Mar. 21	112.35	July 24	112.65	Oct. 18	119.20
Jan. 25, 1965	108.60	Apr. 21	116.95	Aug. 28	117.45	Nov. 21	110.50
Feb. 23	109.30	May 20	117.05	Sept. 20	114.85	Dec. 6	111.90
Mar. 22	107.40	June 21	115.85	Oct. 20	113.30		

320603N0810702.1. 37Q6. Local number 76. Pierpont Corbett Box Co. Previously reported Pierpont-Manufacturing Co. Lathrop Ave., Savannah. Drilled industrial artesian well in Ocala Limestone, diam 3 in, depth 378 ft, cased to about 150. Lsd 12.1 ft above msl. MP top of 3-in 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: 1939-68.

Jan. 27, 1964	136.20	Feb. 23, 1965	132.60	June 21, 1966	136.55	Nov. 20, 1967	133.00
Feb. 26	136.80	Mar. 22	129.80	Aug. 22	138.40	Dec. 23	133.70
Mar. 23	133.50	Apr. 23	134.60	Sept. 20	132.20	Jan. 22, 1968	129.00
Apr. 20	135.00	May 24	137.40	Oct. 24	135.25	Feb. 20	126.00
May 25	140.45	June 21	135.45	Nov. 30	137.40	Mar. 22	130.80
June 22	140.30	July 26	137.50	Mar. 27, 1967	132.55	Apr. 17	134.15
July 23	140.10	Sept. 24	126.75	Apr. 21	136.00	May 17	133.35
Aug. 24	137.25	Oct. 25	134.40	May 23	137.90	June 21	138.20
Sept. 22	135.40	Dec. 9	131.80	June 20	134.60	July 19	135.80
Oct. 26	134.00	Jan. 24, 1966	132.80	July 24	134.00	Aug. 21	138.20
Nov. 23	132.80	Feb. 21	133.40	Aug. 28	137.60	Oct. 18	140.80
Dec. 15	125.00	Mar. 21	134.20	Sept. 20	136.90	Nov. 21	134.90
Jan. 25, 1965	131.30	Apr. 21	138.80	Oct. 20	134.30	Dec. 6	134.8

320443N0810237.1. 37Q17. Local number 84. Standard Oil Co. Drilled industrial artesian well in Ocala Limestone, diam 10 in, depth 652 ft, cased to 230. Lsd 5.6 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: 1940-68.

Jan. 27, 1964	66.70	Aug. 24, 1964	66.85	June 21, 1965	63.70	Apr. 21, 1966	66.10
Feb. 26	64.30	Oct. 26	68.70	July 26	66.60	May 18	66.00
Mar. 23	63.80	Nov. 23	61.70	Sept. 27	65.00	June 21	67.00
Apr. 20	63.20	Dec. 14	60.6	Oct. 25	64.50	Aug. 22	68.00
May 25	67.00	Mar. 21, 1965	60.25	Dec. 8	62.50	Sept. 22	67.10
June 22	67.20	Apr. 23	62.80	Feb. 21, 1966	62.70	Oct. 24	65.80
July 23	67.00	May 24	67.60	Mar. 21	62.80	Nov. 29	64.50

320443N0810237.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 27, 1967	63.60	Aug. 28, 1967	68.15	Jan. 22, 1968	61.10	Aug. 20, 1968	70.90
Apr. 21	68.80	Sept. 20	66.25	Feb. 20	60.80	Sept. 20	68.85
May 23	69.30	Oct. 20	65.70	Mar. 22	62.50	Oct. 18	70.00
June 20	64.40	Nov. 20	63.60	June 27	68.20	Dec. 4	66.00
July 20	63.80	28	64.00	July 19	68.30		

320045N0805829.1. 38Q13. Local number 123. Henry Walthour Estate. Wilmington Island. Drilled unused artesian well in Ocala Limestone, diam 3 in, depth 235 ft, cased to 100. Lsd 4.7 ft above msl. MP floor of recorder shelter, 2.21 ft above lsd. Highest water level 4.06 below lsd, Oct. 12, 1939; lowest 32.98 below lsd Sept. 13, 1963. Records available: 1938-68. Well destroyed; measurement discontinued.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.92	30.48	29.90	29.06	28.78	30.54	31.18	30.30	30.44	29.64	29.04	28.48
10	31.02	30.73	29.70	28.86	29.06	30.62	31.20	30.48	29.74	29.55	29.04	28.48
15	30.80	30.28	29.40	28.70	29.38	30.26	31.43	30.52	30.00	29.03	29.16	28.20
20	30.86	30.42	29.22	28.98	29.86	31.40	31.10	30.48	29.80	29.16	28.95	27.88
25	30.68	30.07	29.20	29.00	30.08	31.56	30.66	30.70	29.45	29.16	28.58	27.60
Eom	30.84	30.25	29.32	29.00	30.26	31.26	30.85	30.54	29.82	29.14	28.50	27.52
1965												
5	.....	27.70	27.22	26.90	28.22	29.55	29.22	.....	29.28	28.81	28.37	27.67
10	.....	27.50	27.32	26.80	28.60	29.66	29.20	.....	29.20	28.78	28.01	.....
15	.....	27.38	27.08	26.88	28.80	29.28	29.10	.....	29.14	28.73	27.88	.....
20	.....	27.26	27.13	27.38	29.34	29.06	28.98	.....	29.27	28.42	27.79	27.00
25	27.58	27.20	27.10	27.65	28.63	29.10	28.90	29.28	28.98	28.64	27.68	27.11
Eom	27.42	27.62	26.88	27.76	29.42	29.04	28.80	29.50	28.75	28.47	27.85	27.02
1966												
5	26.42	27.72	27.06	27.40	28.60	28.58	28.89	29.08	29.46	28.85	28.74	27.95
10	26.55	27.46	27.28	27.69	28.58	28.46	29.36	29.13	29.34	28.78	28.36	27.74
15	26.10	27.57	27.08	27.85	28.45	28.58	29.37	29.12	28.95	28.74	28.20	27.76
20	26.44	27.47	27.36	28.12	28.29	28.38	29.03	29.40	28.90	28.96	28.25	27.43
25	.....	27.43	27.33	28.43	28.00	28.70	29.15	29.45	29.16	28.74	28.06	27.50
Eom	27.05	27.18	27.28	28.58	28.05	28.84	29.06	29.24	29.02	28.36	28.08	27.04
1967												
5	26.94	26.70	27.04	27.48	28.57	29.00	28.83	.....	.....	28.28	27.95	27.69
10	.....	26.56	27.10	28.03	28.56	28.87	28.51	.....	.....	28.43	28.04	27.33
15	26.80	26.90	27.10	28.32	29.04	28.57	28.39	.....	.....	28.53	27.72	27.42
20	26.84	26.77	27.08	28.60	29.80	28.33	28.24	.....	28.07	28.53	27.95	27.30
25	26.74	27.02	26.95	28.41	29.20	28.65	28.37	.....	28.32	28.22	27.87	27.06
Eom	26.82	27.00	27.16	.....	29.48	28.48	28.38	.....	28.30	27.95	27.60	26.57
1968												
5	26.65	26.44	26.47	.....	.....	.....	29.08	.....	.....	30.20	.....	.....
10	26.30	26.34	26.41	.....	.....	.....	28.85	.....	.....	29.86	.....	.....
15	26.45	26.42	26.52	27.10	28.50	.....	29.06	.....	.....	29.88	.....	.....
20	26.66	26.35	26.50	.....	.....	.....	29.10	.....	29.60	29.64	.....	.....
25	26.30	26.25	26.84	.....	.....	28.80	29.20	.....	29.60	29.50	.....	.....
Eom	26.45	26.14	27.14	.....	.....	29.00	29.30	.....	30.03	.....	.....	.....

32118N0811137.1. 36R5. Local number 131. C. E. Oliver Estate. Drilled domestic artesian well in Ocala Limestone, 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: 1938-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	35.50	Feb. 23, 1965	30.75	Aug. 3, 1966	34.20	Oct. 20, 1967	35.30
Feb. 26	34.10	Mar. 22	30.90	Sept. 19	33.90	Nov. 29	35.50
Mar. 23	33.80	June 1	32.75	Oct. 24	34.60	Jan. 22, 1968	32.70
Apr. 20	33.00	21	33.00	Dec. 8	34.60	Feb. 20	33.60
May 27	33.40	Aug. 25	33.70	Mar. 27, 1967	34.55	Mar. 22	34.40
June 22	34.50	Sept. 27	33.50	Apr. 21	34.10	June 20	34.50
Aug. 24	34.00	Oct. 25	33.25	June 20	34.15	July 19	35.00
Sept. 22	32.70	Dec. 9	32.90	July 24	33.60	Aug. 21	36.40
Oct. 26	32.55	Feb. 21, 1966	33.50	Aug. 28	34.50	Dec. 6	34.85
Dec. 7	31.90	June 1	33.30	Sept. 20	33.70		

321034N0810928.1. 36R4. Local number 194. Union Carbide Co. Formerly Mrs. W. W. Keller, Sr. Drakes Point. Drilled unused artesian well in Ocala Limestone, diam 4 in, depth 305 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: 1938-67. No measurement made in 1968.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	53.60	Aug. 25, 1965	53.80	Sept. 19, 1966	52.40	June 20, 1967	52.70
June 22	54.00	Sept. 27	52.10	Oct. 24	53.40	July 24	52.00
Mar. 22, 1965	49.60	Dec. 9	51.50	Dec. 8	53.20	Aug. 28	53.80
June 1	52.40	June 1, 1966	52.50	Mar. 27, 1967	51.80	Nov. 29	52.60
21	52.50	Aug. 3	53.60	Apr. 21	53.40		

315948N0811536.1. 35P85. Local number 213. State Highway Dept. Chevis Road and U.S. Highway 17. Formerly J. L. Budreau. Burroughs Rd. and U.S. Highway 17. Drilled unused artesian well in Ocala Limestone, 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 26.60 below lsd, Oct. 18, 1968. Records available: 1939-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	23.00	Mar. 22, 1965	20.25	June 21, 1966	22.35	Sept. 19, 1967	22.70
Mar. 16	22.40	Apr. 23	20.45	July 12	22.70	Oct. 19	23.05
Apr. 16	22.15	May 24	21.85	Aug. 8	23.05	Nov. 15	22.75
May 20	22.10	June 22	22.05	Sept. 19	22.95	Jan. 22, 1968	22.00
June 22	23.30	July 20	22.05	Oct. 18	22.95	Mar. 22	22.15
July 22	22.75	Aug. 24	22.45	Nov. 23	22.95	Apr. 17	23.25
Aug. 21	22.75	Sept. 14	22.45	Dec. 5	23.05	May 16	24.30
Sept. 22	22.15	Oct. 25	22.25	Mar. 27, 1967	22.00	June 20	24.70
Oct. 26	21.95	Dec. 10	21.65	Apr. 21	22.95	July 16	25.15
Nov. 23	22.05	Jan. 24, 1966	20.70	May 17	23.55	Aug. 21	26.30
Dec. 11	21.25	Feb. 21	21.45	June 20	23.15	Oct. 18	26.60
Jan. 21, 1965	20.30	Mar. 29	21.35	July 24	22.80	Nov. 18	26.20
Feb. 23	20.05	Apr. 21	21.95	Aug. 21	23.05	Dec. 9	26.35

315826N0810302.1. 37P9. Local number 269. David Johnson. Formerly J. M. Barnett. Isle of Hope. Drilled public-supply artesian well in Ocala Limestone, 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, May 8, 1939; lowest 46.60 below lsd, Sept. 18, 1963. Records available: 1939-68.

Jan. 29, 1964	43.60	Feb. 24, 1965	39.00	June 23, 1966	41.60	Oct. 19, 1967	41.35
Feb. 26	42.50	Mar. 25	38.20	Sept. 20	41.80	Nov. 14	42.50
Mar. 30	40.15	Apr. 26	40.35	Oct. 31	41.60	Dec. 1	42.30
Apr. 16	40.00	June 1	42.50	Nov. 30	39.80	Jan. 22, 1968	40.00
May 18	42.30	22	41.90	Mar. 27, 1967	41.10	Mar. 15	39.00
June 30	42.20	Sept. 15	42.50	Apr. 21	44.85	Apr. 18	40.60
Aug. 13	42.10	Oct. 29	40.30	June 26	42.40	June 26	42.00
Sept. 22	42.30	Dec. 13	39.50	July 20	42.40	Sept. 20	43.20
Nov. 23	40.25	Feb. 14, 1966	40.50	Aug. 28	42.15	Dec. 4	42.80
Dec. 14	39.95	Apr. 12	40.00				

321600N0810100.1. Local number 279. Savannah Inn & Country Club, Wilmington Island. Formerly J. B. Pound Hotel Corp. General Oglethorpe Hotel. Drilled industrial artesian well in Ocala Limestone, diam 12 in, depth 480 ft, cased to 160. Lsd 15.1 ft above msl. MP hole in pumpbase, 5.00 ft below lsd. Highest water level 15.89 below lsd, Jan. 18, 1941; lowest 48.60 below lsd, Sept. 18, 1963. Records available: 1939-66 (replaced by substitute well 37Q46, published herewith).

Feb. 26, 1964	44.00	Jan. 21, 1965	43.20	Aug. 24, 1965	45.30	Apr. 22, 1966	46.00
Apr. 16	43.00	Feb. 24	41.80	Sept. 15	44.70	June 21	45.40
May 18	43.40	Mar. 25	41.00	Oct. 29	42.35	Aug. 22	45.80
June 12	46.60	Apr. 26	43.00	Dec. 13	41.80	Sept. 20	46.0
Aug. 13	45.80	May 24	45.20	Feb. 14, 1966	45.00	Oct. 20	44.90
Oct. 23	41.80	June 22	44.30	Mar. 21	44.50	Dec. 5	44.50
Dec. 14	43.00	July 26	44.20				

320016N0810001.2. 37Q46 Substitute well. Savannah Inn & Country Club, Wilmington Island. Drilled industrial artesian well in Ocala Limestone, diam 8 in, depth 438 ft, cased to 248. Lsd 15.1 ft above msl. MP hole in pumpbase, 5.00 ft below lsd. Highest water level 15.89 below lsd, Jan. 18, 1941; lowest 48.60 below lsd, Sept. 18, 1963. Records available: 1939-68.

May 23, 1967	48.00	Oct. 19, 1967	46.80	Feb. 16, 1968	44.60	June 26, 1968	45.40
June 20	47.00	Nov. 17	45.20	Mar. 15	43.20	Dec. 4	47.70
July 20	47.25	27	45.10	Apr. 18	44.50		

320723N0810745.1. 37Q36. Local number 314. Thomas Eck. Formerly J. M. Breckenridge. Drilled artesian well in Ocala Limestone, diam 10 in, depth 601 ft, cased to 255. Lsd 21.5 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: 1940-68. Well destroyed; measurement discontinued.

Jan. 29, 1964	64.50	Mar. 25, 1965	61.70	June 23, 1966	65.90	Nov. 14, 1967	63.70
Mar. 30	60.80	Apr. 26	64.20	Sept. 20	65.85	29	63.30
Apr. 16	63.20	June 1	68.00	Oct. 31	64.90	Jan. 22, 1968	62.45
May 18	66.30	22	66.50	Nov. 30	63.30	Mar. 15	62.60
June 30	69.30	Sept. 15	67.20	Mar. 27, 1967	63.00	Apr. 18	65.25
Aug. 13	67.50	Oct. 29	64.20	Apr. 21	67.52	June 24	67.40
Oct. 23	65.10	Dec. 10	62.70	June 26	66.40	Oct. 30	68.50
Dec. 14	63.10	Feb. 14, 1966	63.70	Aug. 28	67.10	Dec. 4	66.00
Feb. 24, 1965	62.30	Apr. 12	64.90	Oct. 19	65.00		

320124N0805057.1. 39Q2. Local number 328. Town of Savannah Beach. Drilled unused artesian well in 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: 1940-67. Recording gage removed September 1965. Well destroyed; no measurement made in 1968.

320124N0805057.1--Continued.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	22.75	22.40	22.10	21.85	.....	23.15	23.35	22.55	23.20	22.50	.....	22.75
10	22.85	22.95	22.00	22.15	.....	23.30	23.45	23.10	.....	22.25	.....	22.45
15	.....	22.35	22.35	22.20	22.20	23.75	23.80	22.75	22.05	.....	.....	22.45
20	23.05	22.95	22.00	22.25	22.85	23.85	23.25	22.95	22.50	.....	.....	22.50
25	22.75	22.70	22.10	.....	23.00	24.35	22.60	23.20	22.55	.....	.....	.....
Eom	22.80	22.50	22.40	.....	22.25	23.25	23.03	23.50	22.85	.....	22.35	.....
1965												
5	.....	21.15	20.95	20.85	21.40	21.65	.....	22.05	.....	.....	.....	.....
10	.....	21.05	21.15	20.55	21.35	22.15	.....	22.13	.....	.....	.....	.....
15	.....	21.20	21.00	20.75	21.35	21.90	.....	22.23	.....	.....	.....	.....
20	21.35	21.65	20.95	20.85	21.45	21.85	22.05	22.10	.....	.....	.....	.....
25	21.25	21.65	20.85	20.85	21.95	22.05	22.00	22.10	.....	.....	.....	.....
Eom	21.00	21.05	20.65	21.20	21.85	22.05	21.75	22.05	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 20, 1965	22.30	May 18, 1966	23.30	Dec. 2, 1966	21.70	Aug. 24, 1967	21.60
Dec. 15	19.60	Aug. 22	21.20	Apr. 18	21.65	Nov. 17	21.30
Mar. 10, 1966	19.70	Sept. 20	20.65	July 20	23.70	27	21.60
Apr. 22	21.00	Oct. 20	21.10				

320137N0811323.1. 36Q19. Local number 330. State Highway Dept. Drilled unused artesian well in Ocala Limestone, diam 3 to 2 in, depth 540 ft, cased to 400. Lsd 10.02 ft above msl. MP top of casing, 2.54 ft above lsd. Highest water level 1.81 below lsd, Aug. 11, 1941; lowest 31.10 below lsd, Oct. 18, 1968. Records available: 1941-47, 1949-68.

Jan. 27, 1964	27.15	June 22, 1965	26.75	Sept. 19, 1966	27.45	Nov. 15, 1967	26.85
Mar. 16	26.35	July 20	26.45	Oct. 18	27.40	Jan. 22, 1968	25.90
Apr. 16	26.25	Aug. 24	27.35	Nov. 23	27.45	Mar. 22	26.05
May 20	26.55	Sept. 25	26.65	Dec. 5	27.35	Apr. 17	27.35
June 22	27.70	Dec. 10	25.65	Mar. 27, 1967	26.10	May 16	28.65
Aug. 21	27.45	Jan. 24, 1966	24.45	Apr. 21	27.55	June 20	28.85
Sept. 22	26.45	Feb. 21	25.90	May 17	28.15	July 16	29.20
Oct. 26	26.15	Mar. 21	25.65	June 20	27.40	Aug. 21	30.75
Nov. 23	26.35	Apr. 21	26.55	July 24	27.05	Sept. 20	30.45
Dec. 15	25.15	June 21	26.85	Aug. 21	27.60	Oct. 18	31.10
Jan. 21, 1965	24.25	July 12	27.40	Sept. 19	26.80	Nov. 18	30.25
Apr. 23	24.65	Aug. 16	27.75	Oct. 19	27.25	Dec. 9	30.20
May 24	26.75						

315950N0811612.1. 35P94. Local number 343. U.S. Dept. of Agriculture. Barbour Lathrop Plant Introduction Station. Drilled observation water-table well in sediments of Pleistocene and Holocene 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, May 5, 1957. Records available: 1942-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.17	4.14	0.07	3.01	2.67	6.30	5.46	2.23	2.43	2.20	3.90	2.24
10	6.63	3.39	2.17	3.55	3.65	6.81	5.56	2.83	2.26	2.96	4.24	2.94
15	4.25	3.72	1.68	3.63	4.22	7.33	6.17	2.98	2.23	1.10	4.55	3.26
20	3.41	2.32	2.03	3.96	4.74	7.82	1.80	3.27	2.91	2.45	4.81	3.58
25	3.65	2.72	2.39	4.31	5.15	8.15	.40	3.60	3.40	3.02	4.27	3.76
Eom	3.97	1.45	2.70	4.98	5.75	6.86	2.00	.79	3.96	3.55	4.26	3.80
1965												
5	4.05	5.10	1.86	2.50	4.68	7.52	7.47	.....	.....	.....	8.68	9.45
10	4.27	5.18	2.57	3.01	5.21	7.85	.....	.....	.....	.....	8.85	9.56
15	4.51	3.81	3.07	.....	5.68	7.66	3.82	.....	.....	.....	8.96	9.63
20	4.68	.....	1.95	.....	6.15	7.19	4.16	.....	.....	.....	9.10	9.09
25	4.76	3.20	2.60	4.13	6.66	7.52	4.66	.....	.....	.....	9.23	8.44
Eom	4.97	3.43	2.30	4.27	7.11	7.93	5.06	.....	.....	.....	9.33	8.35
1966												
5	8.34	4.21	1.26	3.91	5.80	4.97	4.12	.....	6.93	8.82	.....	.....
10	7.90	4.47	2.49	4.26	5.94	.....	.....	.....	7.42	9.02	.....	.....
15	7.51	4.62	2.46	4.58	6.01	5.19	.....	.....	.....	.....	.....	.....
20	5.70	3.89	2.92	4.91	5.73	3.70	.....	5.61	8.06	9.51	.....	.....
25	4.50	3.92	3.35	5.17	5.13	4.35	5.99	5.10	8.37	9.65	.....	.....
Eom	3.89	3.95	3.79	5.50	4.29	5.25	5.79	6.36	8.63	.....	.....	.....
1967												
5	6.43	5.62	.....	.....	.....	.....	.....	7.25	2.49	5.27	7.39	8.71
10	6.07	.....	.....	.....	.....	.....	6.85	6.42	3.20	5.61	7.55	8.74
15	4.74	.....	.....	.....	.....	.....	5.91	4.09	3.63	5.78	7.80	8.61
20	.....	.....	.....	.....	.....	.....	6.31	4.65	4.28	6.32	8.14	8.39
25	4.90	.....	.....	.....	.....	.....	6.83	5.04	4.77	6.49	8.35	8.32
Eom	5.34	.....	.....	.....	.....	.....	.....	2.49	4.85	7.05	8.49	8.10

315950N0811612.1--Continued.

1968											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	7.54	7.96	8.35	8.44	9.32	7.08	7.07	6.59	8.72	9.22	9.12
10	7.19	8.07	8.35	8.62	9.50	4.75	6.59	7.40	8.52	9.38	9.24
15	7.16	8.26	8.10	8.67	9.63	5.19	6.41	8.24	8.43	9.60	8.23
20	7.30	7.83	7.83	8.38	9.33	5.84	6.91	8.20	8.64	9.12	8.12
25	7.46	8.51	7.92	9.07	9.36	6.39	7.26	8.51	8.82	8.59	8.23
Eom	7.75	8.44	8.18	9.16	7.58	6.57	7.41	8.85	9.05	8.66	8.38

Chattahoochee County

322036N0845903.1. 6S1. Local number 9. U.S. Army. Fort Benning. Drilled unused artesian well in Blufftown and Eutaw Formations and Tuscaloosa Group, 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 0.37 above lsd, Apr. 10, 1964; lowest 29.73 below lsd, Sept. 10, 1958. Records available: 1950-68.

Water level at noon, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	-1.28	-0.84	-0.59	-0.85	-0.33	-1.04	-1.10	-1.18	-0.98	-0.81	-1.10
10	1.11	.93	.70	+ .37	.61	1.03	1.17	1.17	1.02	.85	1.15
15	1.02	.83	.75	....	.70	1.09	1.16	....	.94	.81	1.23
20	.99	.80	.50	-.60	.80	1.15	1.09	.78	1.00	.89	1.22
25	.98	.80	.72	.71	.84	1.11	.98	.86	1.08	1.01	1.10
Eom	.92	.92	.77	.22	.93	1.13	1.11	.91	1.08	1.05	1.18

1965											
5	-1.10	-1.20	-0.86	-0.91	-1.34	-1.58	-1.85	-1.87	-1.80	-1.65	-2.33
10	1.08	1.04	.98	.89	1.39	1.58	1.72	1.74	1.77	....	2.32
15	1.11	1.01	.91	.99	1.48	1.48	1.71	1.77	1.79	....	2.33
20	1.10	.82	.85	1.14	1.52	1.61	1.74	1.77	1.90	....	2.32
25	1.05	.86	.84	1.20	1.52	1.69	1.81	1.85	1.91	....	2.31
Eom	1.08	.96	.84	1.30	1.60	1.79	1.84	1.92	1.91	....	2.39

1966											
5	-2.24	-2.18	-1.18	-2.85	-2.09	-2.13	-2.29	....	....	....	-3.22
10	2.26	2.15	2.60	1.94	2.12	2.07	....	2.46	....	....	3.12
15	2.01	1.56	2.62	1.99	1.95	2.16	....	2.43	....	....	2.01
20	2.07	1.58	2.78	2.05	1.87	2.18	....	....	....	2.28	2.10
25	2.05	1.83	2.85	2.08	1.88	2.25	....	....	....	3.20	3.08
Eom	2.12	1.76	2.78	2.02	2.00	2.25	....	....	....	3.18	3.15

1967											
5	-2.88	-2.94	-2.94	-4.05	-3.42	-3.34	-3.35	-3.42	-3.28	-3.55	-3.45
10	2.93	2.84	2.99	4.02	3.33	3.25	3.35	3.45	3.27	3.51	3.49
15	2.89	2.91	2.94	2.95	3.31	3.41	3.30	3.51	3.35	3.61	3.49
20	3.01	2.89	3.12	2.93	3.38	3.44	3.40	3.52	3.37	3.66	3.56
25	3.00	3.00	3.44	2.94	3.35	3.43	3.39	3.39	3.43	3.62	3.47
Eom	2.98	2.92	4.19	2.89	3.35	3.33	3.42	3.28	3.52	3.61	3.52

1968											
5	-3.33	-3.38	-3.41	-3.34	-3.36	....	-3.64	-3.91	-4.08	-4.21	-4.20
10	3.22	3.34	3.36	3.28	3.40	....	3.63	3.87	4.09	4.21	4.17
15	3.16	3.42	3.09	3.28	3.37	....	3.70	3.83	4.15	4.23	4.18
20	3.33	3.40	3.27	3.32	....	3.55	....	3.90	4.11	4.24	4.10
25	3.25	3.45	3.32	3.32	....	3.58	3.81	3.97	4.12	4.22	4.07
Eom	3.37	3.35	3.34	3.34	....	3.68	3.83	4.04	4.20	4.30	4.14

Clay County

313600N0850300.1. 5L1. U.S. Corps of Engineers. Drilled observation well in Clayton Limestone. Diam 3 in, depth 120 ft, cased to 44. Lsd 146.7 ft above msl. MP top of floor of recorder shelter, 2.7 ft above lsd. Highest water level 18.86 below lsd, Feb. 17, 1966; lowest 35.88 below lsd, Aug. 17, 1963. Records available: 1957-68.

Water level at noon, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	....	27.60	....	....	....	24.23	28.01	27.25	29.40	23.68	25.82
10	....	27.35	....	....	20.18	25.85	27.30	28.50	28.90	27.95	25.64
15	....	27.30	....	....	21.90	26.40	27.55	26.67	29.30	27.22	24.25
20	....	25.60	....	....	22.30	26.70	27.75	27.55	29.84	27.43	25.48
25	28.00	....	....	....	23.35	27.05	27.30	28.60	29.45	25.07	25.85
Eom	26.65	24.50	....	....	....	27.00	27.21	28.40	29.45	26.17	24.14

1965											
5	25.99	25.80	27.16	....	24.24	24.40	25.59	29.95	30.65	30.34	31.45
10	23.80	25.60	26.42	25.41	24.67	24.43	25.45	29.95	30.13	30.60	....
15	25.15	26.19	24.45	22.52	24.70	24.33	25.68	30.45	30.32	30.67	31.14
20	24.45	27.20	27.26	22.48	25.01	25.31	....	30.20	30.40	30.96	30.86
25	25.85	26.85	25.70	23.09	25.15	25.39	....	30.25	30.88	31.02	30.71
Eom	24.32	25.20	25.80	24.07	25.34	25.49	30.17	30.20	30.93	31.00	30.75

313600N0850300.1--Continued.

1966											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	.....	.....	.....	.....	27.45	28.43	29.45	30.05	30.44	31.14	30.58 30.95
10	.....	.....	.....	25.45	28.05	28.78	29.95	30.30	30.50	31.32	30.63 30.86
15	29.87	.....	.....	26.95	28.44	28.50	29.80	30.31	30.58	31.20	30.07 30.28
20	.....	20.23	.....	26.80	27.57	29.20	29.60	29.70	30.73	31.23	30.47 30.50
25	.....	.....	.....	27.45	27.77	29.15	30.20	30.04	30.91	30.60	30.24 31.25
Eom	.....	.....	.....	27.60	27.80	29.40	30.35	30.36	30.92	30.78	30.70 28.78
1967											
5	27.44	30.02	29.94	29.57	30.50	30.88	28.85	30.51	28.75	30.10	31.18 29.37
10	27.61	28.18	28.33	30.39	30.58	30.58	30.11	30.73	29.61	31.00	29.45 30.71
15	28.92	28.16	28.22	30.69	30.68	30.22	29.06	30.29	30.36	31.05	30.18 28.30
20	27.98	28.23	29.14	30.67	31.10	30.50	28.78	30.96	29.75	30.23	30.18 28.95
25	28.77	28.93	30.35	30.45	30.84	30.90	30.10	29.10	30.30	30.17	31.07 28.80
Eom	28.36	28.61	29.79	30.88	30.52	29.56	30.15	28.85	30.69	30.28	30.05 29.70
1968											
5	28.45	29.17	30.07	29.30	30.34	30.32	31.22	31.34	31.80	32.36	32.15 31.66
10	28.20	30.29	30.70	28.30	29.95	30.35	.....	31.64	31.97	32.10	32.90 31.53
15	28.20	29.23	29.35	29.90	30.23	31.08	.....	31.09	32.09	32.35	32.03 32.38
20	28.85	29.92	27.55	30.25	29.85	30.53	.....	31.35	31.64	32.67	32.10 32.04
25	28.40	30.67	28.83	29.60	30.47	30.72	.....	31.81	32.05	32.52	31.45 32.28
Eom	28.95	29.96	.....	29.90	29.28	31.05	30.95	31.96	32.08	32.38	32.22 30.80

Clayton County

333558N0842238.1. 10CC1. Local number 27. Mrs. G. H. Finley. Formerly G. T. Humphrey. Drilled unused 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 27.08 below lsd, May 17, 1968; lowest 55.17 below lsd, Dec. 23, 1948. Records available: 1943-54, 1956-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 19, 1964	23.49	Oct. 5, 1965	29.37	May 18, 1967	30.18	May 22, 1968	27.08
Nov. 3	28.85	June 3, 1966	28.56	Oct. 19	29.66	Oct. 17	30.00
May 5, 1965	27.58	Oct. 7	30.50				

Cobb County

355037N0842915.1. 10EE3. 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 above lsd. Highest water level 21.38 below lsd, May 19, 1964; lowest 33.47 below lsd, Dec. 22, 1947. Records available: 1943-54, 1956-67. Well destroyed; measurement discontinued. May 19, 1964, 21.38; Nov. 3, 23.04; May 5, 1965, 21.70; Oct. 5, 23.18; June 3, 1966, 23.47; Oct. 7, 24.47; May 18, 1967, 23.90.

335010N0842818.1. 10EE2. Local number 21. Mrs. Dot Gaines. Formerly J. B. Gaines. Oakdale. Drilled domestic water-table well, 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 27.45 below lsd, May 5, 1965; lowest 36.60 below lsd, Dec. 10, 1956. Records available: 1943-54, 1956-68.

May 19, 1964	28.93	Oct. 5, 1965	29.07	May 18, 1967	28.73	May 22, 1968	27.48
Nov. 3	29.26	June 3, 1966	29.10	Oct. 19	28.91	Oct. 17	28.82
May 5, 1965	27.45	Oct. 7	29.75				

335038N0842953.1. 10EE4. 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 51.46 below lsd, May 22, 1968; lowest 59.14 below lsd, May 14, 1958. Records available: 1943-54, 1956-68.

May 19, 1964	51.25	Oct. 5, 1965	53.77	May 18, 1967	52.54	May 22, 1968	51.46
Nov. 3	53.83	June 3, 1966	52.24	Oct. 19	53.00	Oct. 17	53.13
May 5, 1965	51.71	Oct. 7	54.15				

335848N0843352.1. 9FF1. Local number 85. F. J. Mulkey. Drilled unused water-table well, diam 6 in, depth 51 ft. Lsd 1,100 ft above msl. MP top of 6¼-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, 1956-68.

May 19, 1964	16.03	Oct. 5, 1965	15.09	May 18, 1967	20.63	May 22, 1968	19.67
Nov. 3	20.91	June 3, 1966	19.44	Oct. 19	20.48	Oct. 17	21.22
May 5, 1965	19.28	Oct. 7	21.72				

Dawson County

342100N0840800.1. 13KK1. Lockheed. Drilled test well in quartzite and mica schist, diam 6 in, depth 399 ft, cased to 80. Lsd 1048.82 above msl. MP floor of recorder shelter, 2.9 ft above lsd. Highest water level 19.29 below lsd, Apr. 8, 1964; lowest 29.55 below lsd, Dec. 28, 1965. Records available: 1963-68.

342100N0840800.1--Continued.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.12	25.69	24.09	23.05	22.05	24.53	25.96	.....	27.13	25.77	26.85	26.60
10	26.50	25.49	24.72	22.31	23.70	25.70	25.92	.....	27.37	26.28	26.94	26.92
15	26.75	25.37	.....	23.19	23.80	25.72	29.47	26.71	27.49	26.46	27.11	26.85
20	26.58	25.16	.....	23.75	24.56	26.06	29.47	26.71	27.00	26.31	27.28	26.60
25	27.97	25.19	.....	24.00	24.82	26.31	.....	26.73	27.70	26.39	26.35	26.08
Eom	25.47	25.28	23.39	22.78	24.72	26.01	.....	26.99	26.60	26.66	26.85	26.37

1965

5	26.47	26.28	25.25	25.05	25.47	26.47	27.08	27.92	.....	28.96	29.26	29.26
10	26.45	25.60	25.56	25.09	25.60	26.58	27.36	28.04	.....	29.15	29.37	29.42
15	26.40	25.75	25.65	25.12	26.01	26.60	27.55	28.20	.....	29.10	29.27	29.39
20	26.67	25.82	25.77	25.35	26.10	26.65	27.57	28.13	.....	29.12	29.37	29.40
25	25.76	25.30	24.40	25.70	26.05	26.78	.....	.....	.....	29.26	29.19	29.52
Eom	26.22	25.60	24.80	25.15	26.53	27.16	27.82	.....	29.04	29.18	29.23	29.53

1966

5	29.23	28.77	.....	24.90	26.07	.....	26.95	27.03	28.37	28.67	28.98	28.64
10	29.06	28.76	25.90	24.92	25.85	.....	27.05	27.50	28.60	28.54	29.53	28.43
15	28.70	.....	25.79	25.16	26.72	26.23	27.33	28.01	28.68	28.64	29.29	28.90
20	28.65	.....	25.52	25.42	26.13	26.71	27.40	28.01	28.64	29.17	29.13	28.75
25	28.66	.....	25.31	26.07	.....	26.55	27.40	28.20	28.74	29.02	29.05	28.51
Eom	28.66	.....	25.21	26.60	.....	26.80	27.10	28.26	28.62	28.95	28.82	.....

1967

5	.....	27.63	26.88	27.21	27.05	26.68	26.99	26.73	25.75	26.64	26.02	25.96
10	27.09	27.40	26.97	27.21	26.65	25.44	26.85	26.86	25.61	26.68	26.45	25.25
15	27.40	27.17	26.75	27.35	26.65	26.88	25.76	27.04	26.00	26.95	26.80	25.55
20	27.60	27.25	26.68	27.45	26.93	27.02	26.54	27.27	26.20	27.01	26.90	25.15
25	27.60	26.60	27.07	27.55	26.61	26.81	26.30	23.40	26.27	26.92	25.68	25.21
Eom	27.35	26.62	27.05	26.62	26.93	26.85	26.61	25.25	26.51	27.17	26.12	25.35

1968

5	25.28	25.21	25.87	25.75	25.57	25.83	.....	.....	.....	.....	28.76	27.96
10	22.67	25.34	25.86	24.95	25.93	25.95	.....	.....	.....	.....	28.46	28.14
15	24.54	25.59	.....	24.85	.....	26.06	.....	.....	.....	.....	28.50	28.10
20	24.84	25.63	25.00	25.12	.....	.....	.....	.....	.....	.....	28.06	28.25
25	24.90	25.78	25.15	25.30	26.10	.....	.....	.....	.....	28.46	28.19	27.09
Eom	25.05	25.92	25.40	25.44	25.74	.....	.....	.....	.....	28.67	28.33	27.13

De Kalb County

334444N0841541.1. 11DD3. 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 1,002 ft above msl. MP edge of concrete cover, 1.00 ft above lsd. Highest water level 34.93 below lsd, May 18, 1967; lowest 46.97 below lsd, May 22, 1968. Records available: 1944-54, 1956-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 19, 1964	36.15	Oct. 5, 1965	37.84	May 18, 1967	34.93	May 22, 1968	46.97
Nov. 3	40.62	June 3	37.91	Oct. 19	37.13	Oct. 17	46.95
May 5, 1965	36.82	Oct. 7	37.85				

334216N0841633.1. 11DD4. Local number 34. Lawrence G. Mitchell. Formerly 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, 1956-68.

May 19, 1964	46.51	Oct. 5, 1965	47.67	May 18, 1967	45.16	May 22, 1968	43.40
Nov. 3	46.32	June 3	48.75	Oct. 19	45.93	Oct. 17	46.59
May 5, 1965	46.34	Oct. 7	37.99				

334458N0841520.1. 11DD2. 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, 1956-68.

May 19, 1964	35.53	Oct. 5, 1965	38.74	May 18, 1967	37.14	May 22, 1968	36.73
Nov. 3	37.95	June 3, 1966	37.99	Oct. 19	37.67	Oct. 17	38.52
May 5, 1965	35.71	Oct. 7	38.53				

334411N0841608.1. 11DD1. Local number 40. Crestfield Ins. Co. Formerly 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 1.20 below lsd, Oct. 17, 1968; lowest 15.15 below lsd, Aug. 4, 1949. Records available: 1944-54, 1956-68.

May 19, 1964	1.64	Oct. 5, 1965	1.85	May 18, 1967	3.92	May 22, 1968	3.56
Nov. 3	2.42	June 3, 1966	1.90	Oct. 19	1.41	Oct. 17	1.20
May 5, 1965	1.52	Oct. 7	1.79				

Dougherty County

313552N0840626.1. 13L2. Turner City. City of Albany. Drilled unused artesian municipal well in Clayton Limestone, diam 12-8 in, depth 760 ft, cased to 713. Lsd 212.84 ft above msl. MP floor of recorder shelter, 3.2 ft above lsd. Highest water level 38.19 below lsd, Apr. 1, 1959; lowest 96.17 below lsd, Oct. 5, 1968. Records available: 1964-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	64.05	62.05	61.10	60.40	60.50	71.95	74.05	70.00	70.95	70.95	68.60	65.25
10	63.40	61.90	61.20	60.35	61.48	71.70	73.15	69.20	70.90	69.65	68.25	64.40
15	62.10	62.25	61.20	60.25	63.10	72.75	73.00	68.35	69.65	68.15	68.20	64.20
20	62.05	61.80	61.10	60.10	64.78	75.15	72.35	67.70	69.55	68.15	68.25	64.15
25	62.50	61.35	61.25	62.05	67.60	76.15	70.60	67.90	70.15	68.20	66.50	63.60
Eom	62.80	62.05	60.50	61.60	70.93	74.75	70.47	68.90	70.85	68.40	65.90	62.50

1965

5	62.10	59.95	58.80	60.10	62.25	78.56	73.49	75.00	75.15	73.20	71.20	67.62
10	62.35	58.80	58.25	60.15	64.35	76.60	74.25	74.10	74.60	72.44	71.18	67.79
15	62.35	58.70	57.56	61.50	67.70	74.44	75.88	73.13	73.90	71.74	70.10	67.20
20	61.75	58.70	58.40	62.10	70.90	74.19	77.25	73.55	74.45	71.29	69.54	67.02
25	61.45	58.30	59.00	61.70	74.04	74.00	74.19	73.80	73.53	71.78	68.25	67.70
Eom	61.00	58.15	59.10	61.60	76.34	72.45	73.95	75.25	72.88	71.23	67.01	67.68

1966

5	66.06	63.47	61.80	62.93	69.20	69.28	74.05	79.02	83.25	81.42	77.50	74.59
10	66.22	63.85	61.78	63.34	68.21	72.31	76.00	79.10	83.57	80.90	78.33	73.60
15	64.93	64.17	61.39	65.45	69.29	72.17	78.88	77.85	83.80	80.63	79.06	74.47
20	64.35	64.10	63.08	65.64	69.06	71.91	78.73	78.07	84.63	79.37	77.55	72.94
25	65.12	63.83	63.63	67.65	68.66	72.10	78.76	78.74	83.93	77.96	76.95	71.50
Eom	63.90	63.23	62.14	68.77	67.65	73.00	79.08	80.50	83.15	77.92	75.25	72.20

1967

5	72.49	.....	68.81	70.86	75.73	77.70	76.52	77.10	78.21	82.53	.....	78.15
10	70.28	.....	69.09	72.39	75.54	75.96	74.21	78.00	78.30	83.83	.....	78.72
15	70.30	.....	69.41	73.32	75.05	77.72	74.60	78.60	79.05	84.05	.....	76.50
20	71.12	.....	69.83	73.35	77.65	78.90	75.35	78.71	78.67	83.73	.....	73.29
25	71.24	.....	70.33	73.67	78.70	80.44	75.74	78.78	81.46	.....	77.90	73.58
Eom	70.30	.....	70.31	73.89	78.21	78.18	76.60	78.60	83.23	.....	78.16	73.75

1968

5	71.43	70.20	69.60	72.33	78.90	84.26	81.72	90.24	90.30	96.17	91.00	.....
10	71.35	71.86	70.33	73.54	80.26	83.97	.....	90.15	92.23	94.57	89.55	.....
15	.....	71.25	70.35	74.50	81.95	85.99	87.07	89.22	94.03	94.05	88.40	.....
20	70.80	71.80	69.58	76.82	83.70	85.40	.....	89.14	94.56	92.82	.....	.....
25	71.20	71.10	69.85	79.30	84.63	84.41	88.46	91.10	94.76	91.54	.....	.....
Eom	70.95	69.50	71.15	79.20	84.58	83.64	90.55	91.62	95.90	91.91	.....	.....

313748N0840029.1. 13L3. U.S. Govt. Marine Corps Supply Center. Drilled unused artesian well in Ocala Limestone, diam 6 in, depth 259 ft, cased to 206. Lsd 225 ft above msl. MP floor of recorder shelter, 4.10 ft above lsd. Highest water level 17.52 below lsd, Mar. 30, 1965; lowest 48.66 below lsd, Sept. 9, 1957. Records available: 1964-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	34.89	28.44	28.60	23.35	27.29	28.17	27.68	.....	31.08	.....	.....
10	.....	34.86	27.46	26.55	.....	27.87	30.25	.....	.....	.....	.....	.....
15	.....	34.44	27.32	24.81	.....	28.34	30.50	.....	30.00	.....	.....	.....
20	35.68	32.55	27.42	24.80	.....	28.95	30.18	.....	29.91	.....	.....	.....
25	35.38	31.63	27.42	25.35	.....	28.56	29.64	.....	29.50	.....	.....	.....
Eom	38.85	31.66	28.30	25.14	.....	28.21	28.21	.....	29.29	.....	.....	.....

1965

5	.....	.....	18.86	17.68	20.90	24.65	25.29	27.30	29.25	31.02	32.44	33.49
10	.....	.....	19.35	17.88	21.54	25.18	25.50	27.50	29.58	30.70	32.63	33.77
15	.....	.....	19.79	18.45	22.20	25.26	25.50	27.69	29.90	31.22	32.81	33.89
20	.....	.....	19.25	19.22	22.71	24.65	25.98	28.10	30.27	31.48	33.03	33.89
25	.....	.....	17.95	19.73	23.31	25.02	25.59	28.48	30.54	31.93	33.10	33.95
Eom	.....	.....	17.52	20.44	24.09	25.15	26.88	28.91	30.77	32.13	33.32	34.26

1966

5	34.29	32.12	.....	.....	26.44	.....	22.82	.....	29.13	31.05	32.59	32.39
10	34.08	32.15	.....	.....	26.02	.....	.....	.....	29.53	31.73	32.70	32.45
15	33.80	30.67	.....	.....	25.63	23.02	.....	27.50	29.84	31.54	32.27	33.20
20	32.60	27.39	.....	24.90	26.17	22.43	.....	27.89	30.23	31.93	32.24	33.34
25	32.46	25.91	.....	25.37	.....	21.83	.....	28.27	30.64	32.03	32.47	33.69
Eom	32.05	25.74	.....	26.10	.....	22.19	.....	28.79	30.87	32.14	32.79	33.54

1967

5	29.82	25.72	.....	26.00	.....	.....	.....	31.08	32.52	.....	35.34	36.29
10	28.03	23.54	.....	26.47	.....	.....	.....	31.34	32.75	.....	35.41	36.35
15	25.54	23.29	.....	26.53	.....	.....	.....	31.69	.....	.....	.....	36.27
20	25.31	23.45	.....	26.42	.....	.....	.....	31.91	.....	34.87	.....	36.23
25	25.29	23.20	.....	.....	.....	.....	30.47	32.05	.....	34.98	33.09	36.26
Eom	25.61	23.15	.....	.....	.....	.....	30.77	32.17	.....	35.25	33.03	36.53

1968

5	36.25	36.66	36.57	.....	37.00	37.87	39.06	39.56	40.36	41.19	41.91	42.34
10	36.00	36.76	36.40	36.20	37.25	38.25	38.98	39.37	40.45	41.20	41.94	42.40
15	35.90	36.95	.....	36.24	37.38	38.22	39.04	39.61	40.63	41.43	41.93	42.57
20	36.03	30.92	34.85	36.44	37.59	38.48	39.08	39.69	40.84	41.56	42.01	42.67
25	36.33	36.63	35.45	36.72	37.71	38.68	39.34	39.78	40.84	41.62	42.15	42.68
Eom	36.50	36.51	35.75	36.86	37.91	39.94	39.50	40.07	41.07	41.84	42.30	42.52

Effingham County

320836N0812244.1. 34R36. Local number 7. Central of Georgia Ry. Meldrim. Drilled industrial artesian well in Ocala Limestone, diam 8 in, depth 431 ft, cased to 273. Lsd 31.75 ft above msl. MP top of 8-in casing, 0.5 ft above lsd. Highest water level 5.21 above lsd, Apr. 5, 1939; lowest 21.30 below lsd, Dec. 2, 1963. Records available: 1939-68. Recording gage removed December 1964.

Water level at noon, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	17.90	16.90	17.00	17.08	16.52	16.74	16.90	16.64	16.50	16.20	16.20
10	17.70	17.26	17.06	16.90	16.38	16.72	16.94	16.70	16.42	16.36	16.18
15	17.56	17.04	17.10	16.90	16.48	16.84	17.10	16.74	16.56	15.92	16.28
20	17.14	17.03	16.91	16.86	16.64	16.96	16.78	16.71	16.54	16.18	15.94
25	17.22	16.92	16.90	16.70	16.60	16.98	16.54	16.65	16.60	16.30	15.86
Eom	17.30	17.12	16.98	16.56	16.62	17.10	16.70	16.30	16.50	16.28	16.00

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 26, 1965	14.90	Dec. 10, 1965	17.40	Dec. 8, 1966	18.35	Jan. 26, 1968	18.10
Apr. 26	15.70	Feb. 24, 1966	16.95	May 16, 1967	18.30	Mar. 26	18.40
June 1	16.00	Mar. 25	17.10	June 26	18.05	Apr. 30	18.95
Aug. 25	17.40	Apr. 22	17.40	Aug. 21	17.95	June 26	19.90
Sept. 24	17.60	June 23	17.70	Oct. 19	18.75	Dec. 2	21.30
Oct. 29	17.65	Sept. 30	18.10	Nov. 15	18.70		

Evans County

320944N0815411.1. 30R1. (Replaces well local number 3). City of Claxton. Drilled municipal artesian well in Ocala Limestone, diam 12 in, depth 701 ft, cased to 401. Lsd 165 ft above msl. MP top of hole in pumpbase, 0.80 ft above lsd. Highest water level 109.00 below lsd, February 1947; lowest 120.40 below lsd, Oct. 24, 1968. Records available: 1963-68.

Dec. 2, 1963	116.90	Oct. 11, 1965	115.35	May 8, 1967	116.40	May 9, 1968	118.60
Oct. 12, 1964	117.45	Jan. 26, 1966	115.36	Oct. 9	117.00	Oct. 24	120.40
May 10, 1965	115.80	May 9	115.35				

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, 1956-64. Well destroyed; measurement discontinued. May 19, 1964, 19.43.

334038N0842620.1. 10DD1 Local number 26. O'Neil Bros. (previously reported O'Neill Bros.). East Point. Drilled unused industrial water-table well, 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: 1943-68.

Water level at noon, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	16.76	15.24	14.60	13.75	12.29	.....	14.87	13.50	15.07	15.10	16.24 16.30
10	16.30	15.27	14.30	.....	12.52	14.21	15.04	.....	15.23	.....	16.40 16.39
15	.....	15.06	.....	.....	12.86	.....	14.91	.....	.....	.....	16.55 16.37
20	.....	15.00	13.96	.....	13.12	.....	14.60	.....	.....	.....	16.81 16.36
25	.....	14.95	13.90	.....	13.39	.....	14.11	14.58	15.78	.....	16.44 16.00
Eom	15.33	15.10	13.57	12.81	13.70	14.81	14.35	14.82	15.90	16.12	16.48 15.70
1965											
5	15.76	15.70	14.61	13.45	.....	15.50	15.31	16.15	16.76	15.99	17.78 18.28
10	15.70	15.31	14.80	13.47	.....	15.46	15.26	16.15	16.90	16.10	17.89 18.45
15	15.81	15.23	14.65	13.48	.....	14.80	15.39	16.33	17.00	16.29	18.04 18.48
20	16.05	14.93	14.55	13.62	.....	14.88	15.61	16.41	16.06	16.38	18.12 18.39
25	.....	14.90	14.17	13.70	.....	14.98	15.76	16.55	16.16	16.54	18.09 18.53
Eom	15.58	14.90	13.86	14.30	15.27	15.19	15.91	16.71	16.26	17.65	18.24 18.63
1966											
5	18.46	17.59	15.68	15.65	15.70	15.32	15.99	16.52	16.63	17.32	16.62
10	18.28	17.55	15.74	15.80	15.82	15.36	16.10	16.56	16.84	17.44	..... .....
15	18.04	16.99	15.57	15.92	15.57	15.61	16.23	16.09	16.92	17.60	..... 16.51
20	17.84	16.50	15.60	16.12	15.45	15.83	16.23	16.19	16.92	17.22	..... 16.55
25	17.73	16.35	15.60	15.90	15.33	16.01	16.45	.....	17.15	16.73	16.11 16.88
Eom	17.57	16.20	15.65	15.59	15.27	16.11	16.60	16.46	17.23	16.70	16.29 16.53
1967											
5	16.37	15.81	15.53	15.79	16.59	16.47	17.09	16.00	15.24	16.15	16.47 16.53
10	15.91	15.64	15.54	15.95	16.57	16.47	16.92	16.05	15.19	16.25	16.60 16.40
15	15.69	15.68	15.24	16.03	16.64	16.62	16.44	16.24	15.36	16.50	16.72 16.10
20	15.69	15.47	15.34	16.36	16.83	16.77	16.47	16.28	15.54	16.70	16.90 15.77
25	15.70	15.58	15.44	16.45	16.55	16.89	16.39	15.20	15.76	16.80	16.80 15.47
Eom	15.70	15.46	15.68	16.45	16.67	16.95	16.01	15.19	15.99	16.96	16.64 15.38

334038N0842620.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.13	14.80	15.77	15.75	15.67	15.70	16.11	16.87	17.69	18.50	18.87	18.40
10	14.65	14.87	15.86	15.60	15.85	15.67	16.22	16.98	17.82	18.52	18.85	18.50
15	14.43	15.11	15.65	15.52	15.87	15.80	16.37	17.17	18.01	18.66	18.75	18.46
20	14.54	15.23	15.58	15.63	15.57	15.90	16.45	17.33	18.13	18.67	18.50	18.54
25	14.45	15.59	15.68	15.76	15.67	15.96	16.57	17.44	18.22	18.70	18.55	18.18
Eom	14.67	15.69	15.90	15.60	15.61	16.15	16.76	17.59	18.38	18.88	18.66	18.03

334724N0842934.1. 10EE1. 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 16.65 below lsd, May 5, 1965; lowest 28.25 below lsd, Dec. 10, 1956. Records available: 1943-54, 1958-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 19, 1964	16.82	Oct. 5, 1965	20.82	May 18, 1967	18.55	May 22, 1968	17.04
Nov. 3	21.89	June 3, 1966	19.21	Oct. 19	19.43	Oct. 17	21.69
May 5, 1965	18.65	Oct. 7	21.24				

Glynn County

310803N0812337.1. 34H205. Local number 13. U. S. Dept. of Commerce. At lighthouse on St. Simon Island. Drilled domestic artesian well in Ocala Limestone, 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 6.30 above lsd, May 8, 1968. Records available: 1938, 1940-68.

May 6, 1964	+15.11	Oct. 13, 1965	+12.61	May 10, 1967	+9.35	May 8, 1968	+6.30
Oct. 14	13.30	May 11, 1966	13.15	Oct. 11	9.12	Oct. 23	10.59
May 12, 1965	12.51	Oct. 13	12.28				

311318N0812329.1. 34H328. Local number 37. U. S. Government. St. Simon Island. Drilled domestic artesian well in Ocala Limestone, 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 2.70 above lsd, May 8, 1968. Records available: 1939, 1941-68.

May 6, 1964	+9.70	Oct. 13, 1965	+7.10	May 10, 1967	+4.70	May 8, 1968	+2.70
Oct. 14	8.69	May 11, 1966	6.54	Oct. 11	4.60	Oct. 23	4.40
May 12, 1965	7.77	Oct. 13	6.20				

311049N0812128.1. Local number 44. Sea Island Co. Gun Club on St. Simon Island. Drilled domestic artesian well in Ocala Limestone, 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: 1939-66. Replaced by well 35H44 herewith. May 6, 1964, +20.42; Oct. 14, +19.29; May 12, 1965, +17.80; Oct. 13, +18.37; May 11, 1966, +17.58.

311049N0812128.2. 35H44. (Replaces well local number 44). Sea Island Co. Gun Club on St. Simon Island. Drilled domestic artesian well in Ocala Limestone, diam 3-2 in, depth 789 ft, cased to 603. Lsd 7.3 ft above msl. MP top of 3×2½-in bell reducer, 0.50 ft above lsd. Highest water level 40.96 above lsd, Jan. 11, 1939; lowest 14.69 above lsd, May 24, 1967. Records available: 1939-68.

May 6, 1964	+20.42	May 12, 1965	+17.80	May 11, 1966	+17.58	Oct. 11, 1967	+14.81
Oct. 14	19.29	Oct. 13	18.37	May 24, 1967	14.69	Oct. 23, 1968	15.95

310906N0812847.1. 34H85. Local number 45. City of Brunswick. Drilled unused municipal artesian well in Ocala Limestone, diam 6 in, depth 630 ft, cased to 514. Lsd 6.5 ft above msl. MP top of 6-in cross 1.6 ft above lsd. Highest water level 33.62 above lsd, Jan. 12, 1939; lowest 3.85 below lsd, May 8, 1968. Records available: 1939, 1958-68.

May 6, 1964	+6.45	Oct. 12, 1965	+1.20	May 10, 1967	-1.75	May 8, 1968	-3.85
Oct. 19	6.90	May 11, 1966	-7.70	Oct. 11	1.75	Oct. 23	1.35
May 12, 1965	1.43	Oct. 13	.05				

311436N0812655.1. 34H3. Russell Paulk. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 730 ft, cased to 585. Lsd 7 ft above msl. MP top of 3-in tee, 1.3 ft above lsd. Highest water level 19.0 above lsd, Oct. 5, 1959; lowest +3.40 above lsd, May 7, 1968. Records available: 1958-60, 1962-68.

Jan. 29, 1958	+17.3	Jan. 27, 1960	+18.2	Oct. 14, 1964	+9.19	May 10, 1967	+5.30
May 27	17.5	Dec. 8	17.8	May 12, 1965	8.16	Oct. 11	5.40
May 28, 1959	16.4	Oct. 22, 1962	16.0	Oct. 13	7.60	May 7, 1968	3.40
Aug. 20	16.5	Dec. 19, 1963	7.7	May 11, 1966	7.00	Oct. 22	5.15
Oct. 5	19.0	May 6, 1964	10.77	Oct. 13	6.70		

310901N0813414.1. 33H10. Local number 138. G. F. Cowman. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 665 ft, cased to about 500. Lsd 7.5 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 5.10 above lsd, May 8, 1968. Records available: 1939-68.

May 5, 1964	+12.04	Oct. 12, 1965	+8.70	May 9, 1967	+7.70	May 8, 1968	+5.10
Oct. 13	11.09	May 11, 1966	8.70	Oct. 10	8.30	Oct. 18	5.95
May 11, 1965	9.94	Oct. 12	9.15				

311040N0813038.1. Local number 192. David Lipthrott. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 640 ft, cased to 520. 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 24.41 below lsd, May 11, 1966. Records available: 1939-57, 1959-66. Measurement discontinued. May 6, 1964, 18.50; Oct. 13, 19.00; May 11, 1965, 22.65; Oct. 12, 23.20; May 11, 1966, 24.41.

311127N0813023.1. 33H100. Local number 208A. S. O. Jenkins. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 680 ft, cased to 525. Lsd 12.44 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 16.70 below lsd, May 8, 1968. Records available: 1958-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 6, 1964	7.60	Oct. 12, 1965	11.33	May 9, 1967	13.30	May 8, 1968	16.70
Oct. 13	8.40	May 11, 1966	14.04	Oct. 10	12.10	Oct. 22	13.15
May 11, 1965	11.20	Oct. 12	14.00				

310658N0812501.1. 34G17. Local number Jekyll 3. State of Georgia. Drilled public-supply artesian well in Ocala Limestone, 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 20.46 above lsd, May 8, 1968. Records available: 1957-68.

May 6, 1964	+28.97	Oct. 13, 1965	+28.32	May 10, 1967	+22.67	May 8, 1968	+20.46
Oct. 14	28.74	May 11, 1966	26.17	Oct. 11	23.24	Oct. 23	26.40
May 12, 1965	26.90	Oct. 13	27.66				

310206N0812417.1. 34G11. Local number Jekyll 5. State of Georgia. Drilled public-supply artesian well in Ocala Limestone, diam 8 in, depth 774 ft, cased to 520. 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 21.50 above lsd, May 8, 1968. Records available: 1957-68.

May 6, 1964	+27.65	Oct. 13, 1965	+26.66	May 10, 1967	+23.42	May 8, 1968	+21.50
Oct. 14	27.99	May 11, 1966	25.00	Oct. 11	23.54	Oct. 23	25.12
May 12, 1965	25.16	Oct. 13	27.15				

Liberty County

314909N0813100.1. 33N44. James Kelly. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 540, cased to 333. Lsd 10.55 ft above msl. MP top of 3-in tee, 1.00 ft above lsd. Highest water level 12.15 above lsd, May 12, 1965; lowest 3.85 above lsd, Dec. 11, 1968. Records available: 1963-68.

May 6, 1964	+10.92	Oct. 13, 1965	+10.68	May 11, 1967	+10.31	May 7, 1968	+5.85
Oct. 14	10.02	May 12, 1966	10.91	Oct. 12	9.25	Oct. 22	4.85
May 12, 1965	12.15	Sept. 27	10.41	Dec. 6	8.82	Dec. 11	3.85

314402N0811408.1. 36M12. T. E. Youmans. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 450+ ft, casing unknown. Lsd 8 ft above msl. MP top of 3-in casing, 0.70 ft above lsd. Highest water level 5.40 above lsd, Jan. 21, 1959; lowest 4.51 below lsd, Dec. 11, 1968. Records available: 1959-60, 1963-68.

Dec. 10, 1964	+1.60	May 12, 1966	+0.95	Oct. 12, 1967	-0.25	Oct. 11, 1968	-3.50
May 12, 1965	3.00	Sept. 27	.35	May 7, 1968	1.90	Dec. 11	4.51
Oct. 13	.50	May 10, 1967	+4.45				

314052N0812412.1. 34M45. Local number 75. Mrs. E. P. Way. Drilled domestic artesian well in Ocala Limestone, diam 4 in, depth 500 ft, cased to 187. Lsd 9.85 ft above msl. MP top of 3-in cross, 0.61 ft above lsd. Highest water level 25.48 above lsd, Feb. 9, 1939; lowest 2.92 below lsd, Dec. 10, 1968. Records available: 1939, 1941-68.

May 6, 1964	+6.20	Oct. 13, 1965	+5.00	Oct. 13, 1966	+5.50	May 7, 1968	-0.69
Oct. 14	6.60	May 12, 1966	6.10	May 10, 1967	4.31	Oct. 11	2.39
May 12, 1965	6.95	Sept. 28	5.75	Oct. 11	+3.71	Dec. 10	2.92

315059N0813525.1. 33N25. Local number 137. Mrs. H. A. Bacon. Hinesville. Drilled unused artesian well in Ocala Limestone, diam 2 in, depth 527 ft, cased to 400. Lsd 44.62 ft above msl. MP top of 2-in tee, 0.92 ft above lsd. Highest water level 3.40 above lsd, Apr. 26, 1939; lowest 24.10 below lsd, Dec. 12, 1968. Records available: 1939-68.

May 6, 1964	17.70	Oct. 13, 1965	18.00	May 11, 1967	18.48	May 7, 1968	21.98
Oct. 14	17.10	May 12, 1966	17.60	Oct. 12	19.58	Oct. 22	23.63
May 12, 1965	16.65	Sept. 27	18.11	Dec. 6	19.48	Dec. 12	24.10

314945N0812555.1. 34N27. Local number 150A. C. H. Blunt. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 600 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 1.25 above lsd, Dec. 11, 1968. Records available: 1959-68.

Oct. 14, 1964	+7.39	Sept. 28, 1966	+7.40	Oct. 12, 1967	+6.55	May 7, 1968	+3.15
May 12, 1965	9.54	Oct. 13	7.30	Dec. 6	6.25	Oct. 22	1.80
Oct. 13	8.00	May 11, 1967	7.55	Mar. 21, 1968	3.65	Dec. 11	1.25
May 12, 1966	8.63						

314356N0811427.1. 36M11. Local number 177. P. E. Youmans. On Colonels Island. Drilled unused artesian well in Ocala Limestone, 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 9.07 below lsd, Dec. 11, 1968. Records available: 1942-68.

May 6, 1964	3.40	Oct. 13, 1965	4.00	May 10, 1967	4.30	Oct. 11, 1968	7.85
Oct. 19	3.35	May 12, 1966	3.80	Oct. 12	4.90	Dec. 11	9.07
May 12, 1965	2.80	Sept. 27	4.35	May 7, 1968	6.70		

Long County

314241N0814445.1. 32M1. Local number 8. Town of Ludowici. Drilled municipal artesian well in Ocala Limestone, diam 8 to 6 in, depth 579 ft, cased to 495. 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 38.79 below lsd, Dec. 4, 1968. Records available: 1940-47, 1949-68.

314241N0814445.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 5, 1964	31.00	Jan. 29, 1966	33.04	May 11, 1967	33.20	May 9, 1968	37.50
Oct. 12	32.50	May 10	33.15	Oct. 10	34.50	Oct. 23	38.60
May 10, 1965	31.95	Sept. 30	33.60	Nov. 29	35.54	Dec. 4	38.79
Oct. 12	33.90	Oct. 12	33.80				

Lowndes County

304950N0831655.1. 19E9. City of Valdosta. Drilled unused artesian municipal well in Ocala Limestone, diam 20 in, depth 342 ft, cased to 200. Lsd 213 ft above msl. MP top of 20-in casing, 1.7 ft above lsd. Highest water level 112.69 below lsd, Mar. 9, 1964; lowest 143.50 below lsd, Oct. 31, 1968. Records available: 1957-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	116.80	118.90	118.80	.....	.....	.....	.....	.....	121.24	120.30
10	.....	.....	116.00	117.64	115.75	.....	.....	.....	.....	.....	121.55	118.88
15	.....	.....	114.85	117.09	.....	.....	.....	.....	.....	.....	120.85	118.40
20	.....	.....	116.50	118.60	.....	.....	.....	.....	.....	.....	121.42	117.10
25	.....	117.60	117.60	119.10	.....	.....	.....	.....	.....	118.10	121.40	116.10
Eom	.....	117.20	119.05	117.80	.....	.....	.....	.....	.....	120.00	121.80	117.85
1965												
5	117.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	124.85	.....
10	116.95	.....	.....	.....	.....	.....	121.33	.....	.....	.....	125.50	.....
15	118.40	.....	.....	.....	.....	.....	.....	.....	122.50	124.80	.....	.....
20	118.60	.....	.....	.....	.....	.....	.....	.....	122.85	.....	.....	.....
25	118.20	.....	.....	.....	.....	.....	.....	.....	123.08	.....	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	123.10	.....	.....	.....
1966												
5	124.43	123.00	.....	120.52	122.45	120.22	122.00	121.89	124.69	125.80	125.30	126.30
10	125.43	122.98	.....	120.07	121.23	120.10	120.47	120.82	125.83	125.99	125.40	127.10
15	125.48	122.06	.....	120.54	121.12	119.55	121.67	119.92	.....	128.12	125.60	127.10
20	125.70	121.18	.....	120.70	121.70	119.40	122.18	120.72	.....	128.40	125.00	127.00
25	123.70	.....	.....	121.99	121.25	120.28	122.60	122.72	126.94	126.30	125.00	126.10
Eom	124.41	.....	119.75	122.35	120.30	121.10	121.48	123.64	126.82	124.60	125.70	125.11
1967												
5	124.40	121.02	121.05	125.74	120.30	130.95	128.70	129.60	131.15	134.95	136.35	138.30
10	122.32	120.82	121.68	128.12	119.70	131.67	128.84	131.45	128.20	135.10	137.25	137.49
15	120.30	120.81	122.02	123.70	126.40	132.69	128.06	128.22	129.16	134.98	137.41	135.05
20	121.28	119.42	122.75	122.33	122.35	133.34	.....	127.30	132.00	136.60	137.25	134.30
25	121.60	120.55	123.02	122.03	122.15	132.12	128.66	129.80	133.95	136.30	137.49	126.10
Eom	120.29	120.98	123.50	122.70	122.70	129.98	130.68	129.10	133.03	139.15	138.15	125.11
1968												
5	135.45	131.70	131.50	130.40	.....	134.39	136.71	138.72	138.45	141.95	142.30	138.50
10	131.10	130.41	130.52	129.70	.....	133.08	136.30	139.25	135.97	141.79	137.10	135.70
15	131.17	133.90	128.30	130.60	.....	134.01	136.21	138.73	135.80	142.05	138.40	133.90
20	130.70	127.30	129.70	127.44	.....	134.87	135.39	139.28	137.85	140.40	138.60	134.50
25	131.42	129.80	128.40	.....	.....	137.95	138.59	139.35	139.80	142.03	138.60	133.29
Eom	133.00	128.20	132.38	.....	134.48	135.90	138.63	136.30	140.33	143.50	138.50	133.10

McIntosh County

313815N0812335.1. 34M1. Local number 14. C. H. Stebbins. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth unknown. 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 2.86 below lsd, Dec. 7, 1968. Records available: 1941-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 6, 1964	+3.40	May 12, 1966	+3.10	Oct. 11, 1967	+2.10	Sept. 4, 1968	-2.50
Oct. 14	3.80	Sept. 28	2.90	Dec. 1	+1.79	Nov. 13	2.80
May 12, 1965	4.35	Oct. 13	2.61	June 19, 1968	-1.65	Dec. 7	2.86
Oct. 13	3.20	May 10, 1967	2.65	July 15	1.80		

313200N0813100.1. 33L10. Union Camp Paper Corp. Townsend. Drilled unused industrial artesian well in Ocala Limestone, diam 6 in, depth 532 ft, cased to 382. Lsd 19.03 ft above msl. MP top of 6-in casing, 0.69 ft above lsd. Highest water level 25.20 above lsd, Mar. 29, 1939; lowest 2.43 above lsd, Oct. 22, 1968. Records available: 1939, 1959-68.

Jan.	26, 1959	+13.09	Oct.	19, 1961	+10.20	May	6, 1964	+8.10	May	10, 1967	+6.65
May	28	11.72	May	16, 1962	8.89	Oct.	14	7.89	Oct.	11	5.70
Oct.	15	11.49	Oct.	10	8.86	May	12, 1965	8.48	Dec.	1	5.80
May	11, 1960	11.86	May	16, 1963	7.00	Oct.	13	7.00	May	7, 1968	3.70
Oct.	20	12.43	Oct.	10	5.40	Sept.	29, 1966	6.70	Oct.	22	2.43
May	17, 1961	10.80	Dec.	7	5.95	Dec.	1	6.06			

313408N0811927.1. 35L14. Local number 43. Shellman Bluff. Drilled municipal artesian well in Ocala Limestone, diam 3 in, depth 650 ft. Lsd 15 ft above msl. MP top of 8-in tee, 1.00 ft above lsd. Highest water level 34.75 above lsd, Mar. 12, 1939; lowest 1.05 below lsd, Dec. 7, 1968. Records available: 1939, 1941-43, 1945-47, 1949-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 6, 1964	+4.00	Oct. 13, 1965	+3.85	Oct. 13, 1966	+3.30	May 7, 1968	+1.30
Oct. 14	4.60	May 12, 1966	3.70	May 10, 1967	3.10	Oct. 11	-1.00
May 12, 1965	4.57	Sept. 29	3.70	Dec. 2	2.80	Dec. 7	1.05

312325N0812427.1. 34K30. Local number 144. Thomas LeCain. Drilled domestic artesian well in Ocala Limestone, diam 4 in, depth 716 ft, cased to about 600. Lsd 20 ft above msl. MP bottom of 2-in nipple, 1.10 ft above lsd. Highest water level 25.85 above lsd, Apr. 28, 1939; lowest 0.70 below lsd, Dec. 9, 1968. Records available: 1939-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 6, 1964	+4.30	Oct. 13, 1965	+3.20	Oct. 13, 1966	+2.85	Dec. 7, 1967	+2.10
Oct. 14	4.85	May 12, 1966	3.30	May 10, 1967	2.50	Dec. 9, 1968	-7.0
May 12, 1965	4.20	Sept. 29	3.10	Oct. 11	1.70		

313130N0812559.1. 34L41. Local number 180. H. V. Hornsby. Formerly M. A. Sumner. Eulonia. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth about 500 ft. Lsd 16 ft above msl. MP overflow pipe, at lsd. Highest water level 23.26 above lsd, Aug. 27, 1947; lowest 4.00 above lsd, Oct. 10, 1963. Records available: 1942-66. Measurement discontinued. May 6, 1964, +4.30; Oct. 14, +4.85; May 12, 1965, +6.10; Oct. 13, +4.50; May 12, 1966, +4.93; Sept. 29, +4.62; Oct. 13, +4.50.

Miller County

311000N0844300.1. 8H2. City of Colquitt. Drilled unused artesian municipal well in Clayton Limestone, diam 8 in, depth 1,935 ft, cased to 785. Lsd 350 ft above msl. MP top of 8-in casing, 1.0 ft above lsd. Highest water level 28.40 below lsd, Mar. 1, 1965; lowest 36.48 below lsd, Oct. 25, 1968. Records available: 1963-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	31.16	.....	30.12	30.26	30.65	30.81	30.64	30.28	.....	29.72
10	31.15	30.71	30.17	30.31	30.72	30.66	30.49	30.30	.....	29.80
15	30.58	30.13	30.36	30.87	30.64	30.56	29.97	.....	29.74
20	30.54	30.21	30.52	30.82	30.63	30.54	30.12	.....	29.70
25	30.41	30.20	30.55	30.66	30.63	30.59	30.07	29.73	29.27
Eom	31.49	.....	30.16	30.14	30.63	30.79	30.60	30.55	.....	29.92	29.45

1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.42	29.26	28.49	28.60	.....	.....	.....	29.20	29.66	29.97	30.24	30.61
10	29.18	29.01	28.67	28.56	.....	.....	.....	29.21	29.64	29.88	30.14	30.79
15	29.20	28.95	28.66	28.80	.....	.....	.....	29.23	29.74	29.85	30.25	30.63
20	29.30	28.75	28.84	.....	.....	.....	.....	29.26	30.01	29.85	30.44	30.57
25	29.14	28.67	28.58	.....	.....	.....	.....	29.40	29.89	30.10	30.45	30.65
Eom	29.17	28.64	28.55	.....	.....	.....	29.01	29.54	29.88	30.14	30.62	30.83

1966

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.78	30.45	29.38	29.18	29.61	29.84	30.14	30.56	30.39	31.01	31.55	31.83
10	30.80	30.44	29.60	29.18	29.53	29.65	30.28	30.24	30.54	31.08	31.43	31.56
15	30.34	30.22	29.20	29.28	29.56	29.90	30.33	30.28	30.40	31.18	31.54	31.68
20	30.60	30.07	29.33	29.33	29.66	29.81	30.29	30.24	30.45	31.35	31.57	31.69
25	30.50	29.91	29.32	29.47	29.50	30.04	30.57	30.27	30.90	31.26	31.62	31.95
Eom	30.51	29.52	29.05	29.50	29.68	30.03	30.57	30.36	30.90	31.27	31.59	31.71

1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	31.59	30.51	30.04	30.27	30.80	31.37	31.50	31.74	32.11	32.70	33.12	.....
10	31.29	30.25	30.18	30.26	30.80	31.41	31.53	31.75	32.07	32.74	33.24	.....
15	30.94	30.20	30.05	30.36	30.91	31.56	31.52	31.91	32.25	32.97	33.14	.....
20	31.03	30.10	30.20	30.52	31.21	31.67	31.64	31.91	32.37	32.95	33.27	33.60
25	30.80	30.35	30.16	30.57	31.19	31.60	31.50	31.92	32.47	32.91	33.22	33.52
Eom	30.69	30.10	30.26	30.70	31.24	31.50	31.58	32.00	32.69	33.08	33.34	33.40

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.47	33.12	33.16	33.12	.....	34.68	34.87	35.50	35.88	36.25	36.56	36.59
10	33.37	33.00	32.85	33.12	34.67	34.78	34.90	35.50	35.90	36.34	36.54	36.73
15	33.10	33.13	33.20	33.04	34.63	34.92	35.27	35.54	35.99	36.39	36.70	36.59
20	33.23	33.00	33.12	.....	34.70	35.05	35.35	35.65	36.02	36.41	36.73	36.50
25	33.00	33.15	33.17	.....	34.75	35.01	35.35	35.65	35.99	36.48	36.69	36.56
Eom	33.15	32.90	.....	.....	34.62	34.80	35.41	35.73	36.17	36.74	36.74	36.35

Montgomery County

321109N0823424.1. 25R1. Local number 1. City of Ailey. Drilled municipal artesian well in Ocala Limestone, 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 117.70 below lsd, Oct. 24, 1968. Records available: 1941-43, 1945-46, 1949-51, 1953-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 4, 1964	112.40	Oct. 11, 1965	113.60	Oct. 11, 1966	114.10	May 9, 1968	116.20
Oct. 12	112.80	Feb. 1, 1966	114.10	May 8, 1967	113.70	Oct. 24	117.70
May 10, 1965	113.75	May 9	113.80	Oct. 10	115.20		

Pierce County

311811N0821409.1. Local number 2. City of Blackshear. Drilled municipal artesian well in Ocala Limestone, diam 8 in, depth 825 ft, cased to 450. 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, 1945-65. Measurement discontinued. May 5, 1964, 69.30; May 11, 1965, 67.00.

312300N0820800.1. 28K1. J. O. Echols. Drilled irrigation artesian well in Ocala Limestone, diam 10 in, depth 710 ft, cased to 517. Lsd about 105 ft above lsd. MP top of hole in pumpbase, 1.40 ft above lsd. Highest water level 46.35 below lsd, Oct. 13, 1964; lowest 52.83 below lsd, Dec. 3, 1968. Records available: 1963-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 8, 1963	50.20	Oct. 12, 1965	47.70	May 9, 1967	48.35	May 9, 1968	51.90
May 5, 1964	47.61	Jan. 31, 1966	50.10	Oct. 10	50.10	Oct. 24	52.80
Oct. 13	46.35	May 10	46.72	Nov. 27	50.68	Dec. 3	52.83
May 11, 1965	52.75	Oct. 12	47.90				

j Pump running.

Screven County

324503N0813640.1. 32W13. Local number 3. City of Sylvania. Drilled municipal artesian well in Ocala Limestone, 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 99.60 below lsd, May 10, 1965; lowest 115.95 below lsd, May 25, 1959. Records available: 1939, 1943, 1945-47, 1949-68.

May 4, 1964	105.10	Oct. 11, 1965	106.65	Oct. 11, 1966	104.85	May 9, 1968	113.20
Oct. 12	102.40	Jan. 24, 1966	105.09	May 8, 1967	105.55	Oct. 24	114.30
May 10, 1965	99.60	May 9	106.60	Oct. 9	106.10		

323438N0814249.1. 32U16. Local number 8. W. W. Wyant. Dover. Drilled domestic artesian well in Ocala Limestone, 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, 1949-68.

May 4, 1964	+16.88	Oct. 11, 1965	+16.32	Oct. 11, 1966	+14.51	May 9, 1968	+12.14
Oct. 12	16.44	Jan. 25, 1966	14.40	May 8, 1967	14.51	Oct. 24	11.23
May 10, 1965	17.56	May 9	14.40	Oct. 9	12.69		

323900N0814900.1. 31V17. Pat H. Johnston. Rocky Ford. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 249 ft, cased to 160. Lsd 129 ft above msl. MP top of 3-in elbow, 2.90 ft above lsd. Highest water level 8.74 above lsd, May 10, 1965; lowest 5.30 above lsd, Oct. 24, 1968. Records available: 1933-68.

June 17, 1963	+8.10	Oct. 11, 1965	+7.35	Oct. 11, 1966	+7.50	May 9, 1968	+6.35
Oct. 12, 1964	8.10	Jan. 24, 1966	7.51	May 8, 1967	7.50	Oct. 24	5.30
May 10, 1965	8.74	May 9	7.80	Oct. 9	6.85		

Spalding County

331507N0841718.1. 11AA1. 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: 1943-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	12.66	10.88	10.58	7.29	11.08	.....	12.41	13.83	13.75	12.56	13.54
10	.....	12.69	10.70	8.67	8.39	11.49	.....	12.75	14.03	14.11	12.84	13.60
15	.....	12.47	9.65	8.86	9.18	11.77	12.60	12.94	14.09	12.09	13.20	13.68
20	13.83	12.10	9.18	9.17	9.73	12.16	12.56	13.11	14.18	11.85	13.37	13.77
25	12.89	11.57	9.94	9.58	10.16	12.58	12.36	13.33	14.34	11.94	13.56	.....
Eom	12.69	11.79	10.26	.....	10.65	.....	12.28	13.59	14.44	12.27	13.46	11.80

1965

5	11.68	12.14	10.93	10.58	11.54	13.33	13.65	13.79	14.74	14.02	15.09	16.00
10	11.83	12.05	11.27	10.26	11.81	13.56	13.10	13.89	14.91	13.84	15.32	16.22
15	12.06	11.70	11.38	10.47	12.12	13.50	12.93	13.94	15.02	13.98	15.55	16.33
20	12.30	10.87	11.12	10.74	12.42	.....	12.89	14.15	15.20	14.15	15.68	16.39
25	12.22	.....	10.79	10.98	12.70	13.28	13.06	14.37	15.32	14.49	15.80	16.45
Eom	12.12	.....	10.45	11.26	13.03	13.42	13.40	14.67	15.44	14.72	15.96	16.59

1966

5	16.47	13.56	.....	11.16	11.04	10.88	12.34	14.03	15.24	16.04	15.50	14.71
10	15.29	13.58	9.97	11.27	11.30	11.04	12.57	14.23	15.52	16.16	15.25	14.80
15	14.72	12.16	10.23	11.49	.....	11.45	12.78	14.39	15.66	16.30	14.58	14.88
20	13.92	11.39	10.41	11.72	10.89	11.64	13.01	14.54	15.67	16.41	14.35	14.85
25	13.75	11.38	10.72	10.78	10.01	11.88	13.37	14.73	15.74	16.17	14.29	15.06
Eom	13.55	11.27	10.93	10.81	10.43	12.12	.....	14.99	15.87	15.78	14.50	14.29

1967

5	13.51	12.77	11.93	.....	14.42	14.73	15.36	15.34	14.56	15.54	16.33	16.12
10	13.20	12.55	.....	13.32	14.43	14.44	15.41	15.56	14.54	15.85	16.26	15.75
15	12.69	.....	12.34	.....	14.50	14.61	15.02	15.79	14.49	16.05	16.35	15.02
20	12.46	12.29	12.55	.....	14.74	14.88	14.72	15.94	14.67	16.30	16.56	14.53
25	12.46	.....	.....	.....	14.71	15.09	14.78	15.46	14.95	16.41	16.58	13.97
Eom	12.72	11.83	13.01	.....	14.85	15.22	15.07	14.55	15.27	16.64	16.26	.....

331507N0841718.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.32	12.64	13.79	12.71	13.00	.....	13.92	15.29	16.69	17.83	17.83	16.76
10	12.75	12.72	13.86	12.83	13.20	.....	14.10	15.46	16.91	17.83	17.86	16.64
15	12.41	12.97	12.92	12.89	13.32	.....	14.40	15.71	17.14	17.91	17.55	16.54
20	12.47	13.15	12.55	12.92	12.93	.....	14.63	15.94	17.35	17.82	17.24	16.50
25	12.53	13.52	12.57	13.04	13.01	13.47	14.81	16.15	.....	17.63	16.93	.....
Eom	12.49	13.52	12.60	13.06	.....	13.69	15.12	16.46	17.67	17.82	16.93	15.82

Tift County

312700N0833000.1. 17K1. Seaboard Coast Line Ry. Drilled unused artesian well in Suwannee Limestone, diam 12 in, depth 312 ft, casing depth unknown. Lsd 345 ft above msl. MP floor of recorder shelter, 3.42 above lsd. Highest water level 119.80 below lsd, May 29, 1966; lowest 125.80 below lsd, Dec. 18, 1963. Records available: 1963-68.

Mean water level for the day, below lsd, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	124.35	123.76	.....	123.45	123.65	.....	.....	123.07	122.55	122.60	.....
10	.....	124.32	123.80	123.90	123.25	123.60	123.79	.....	122.76	122.87	122.42	.....
15	.....	124.15	123.63	123.80	123.50	123.77	.....	.....	123.65	122.58	122.68	.....
20	.....	124.22	123.45	123.80	123.65	124.20	.....	.....	122.92	122.70	122.30	.....
25	124.61	123.23	123.60	123.45	123.60	124.15	.....	.....	123.05	122.68	122.60	.....
Eom	124.75	124.09	.....	123.45	123.55	123.75	.....	122.93	123.08	122.67	122.28	.....
1965												
5	121.28	.....	.....	.....	120.60	121.14	120.86	121.15	121.17	121.44	121.39	121.24
10	.....	.....	.....	.....	120.75	121.30	120.87	121.06	121.37	121.16	121.17	121.69
15	.....	.....	.....	.....	120.97	120.85	120.80	121.12	121.36	121.43	121.08	121.29
20	.....	.....	.....	.....	121.10	120.85	120.75	121.22	121.44	121.20	.....	121.01
25	.....	.....	.....	.....	121.35	121.15	120.80	121.46	121.15	121.15	121.28	121.10
Eom	.....	.....	.....	.....	121.49	120.97	120.83	121.57	121.18	121.10	121.47	121.46
1966												
5	.....	121.37	120.20	120.02	120.46	120.39	120.37	120.54	120.64	121.14	121.97	121.93
10	121.44	121.23	120.85	120.15	120.03	119.94	120.59	120.44	120.89	121.18	121.97	121.67
15	120.83	121.13	120.27	120.35	119.92	120.40	120.46	120.49	120.67	.....	121.99	121.93
20	121.35	120.79	120.32	120.04	119.90	120.23	120.30	120.57	121.63	.....	121.74	121.52
25	121.15	120.75	120.45	120.24	119.94	120.42	120.37	120.64	120.82	.....	121.81	121.59
Eom	121.30	120.35	120.08	120.23	120.09	120.55	120.36	120.84	120.93	121.68	121.67	121.59
1967												
5	121.43	120.90	120.77	121.20	121.46	122.29	122.05	122.30	122.47	122.97	123.23	124.05
10	121.42	121.23	121.12	121.32	121.30	122.37	122.04	122.43	122.25	122.81	123.73	123.58
15	121.15	121.30	121.01	121.17	121.47	122.35	122.06	122.45	122.68	122.87	123.65	123.97
20	121.45	120.97	121.67	121.55	122.05	122.25	122.30	122.60	122.75	123.04	123.73	123.97
25	121.29	121.27	121.15	121.31	122.05	121.86	122.25	122.55	122.75	123.05	123.55	123.73
Eom	121.19	121.02	121.16	121.39	122.18	121.85	122.30	122.65	122.73	123.23	123.87	123.68
1968												
5	124.00	123.72	123.58	.....	.....	125.10	125.83	126.73	127.15	127.95	128.60	128.65
10	123.78	123.31	123.46	.....	124.66	124.85	125.68	126.85	127.10	127.85	128.35	129.10
15	123.78	123.71	123.78	.....	124.60	125.90	.....	126.80	127.20	128.00	128.70	128.85
20	123.69	123.46	123.75	.....	124.28	125.37	.....	126.75	127.55	127.80	128.70	128.80
25	123.79	123.66	123.81	.....	125.00	125.58	.....	127.10	127.70	128.15	128.75	128.80
Eom	123.83	123.72	123.84	.....	124.80	125.82	126.75	126.90	127.65	128.50	128.90	128.95

Wayne County

312909N0820111.1. 29K1. Local number 10. Town of Screven. Drilled municipal artesian well in Ocala Limestone, 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 73.14 below lsd, Dec. 3, 1968. Records available: 1940-43, 1945-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 5, 1964	68.70	Oct. 12, 1965	68.40	May 9, 1967	68.60	May 9, 1967	72.05
Oct. 13	68.35	May 10, 1966	67.30	Oct. 10	69.60	Oct. 24	72.90
May 11, 1965	66.10	Oct. 12	68.30	Nov. 27	69.40	Dec. 3	73.14

313215N0814802.1. 31L4. Local number 12. W. R. Flowers. Drilled domestic artesian well in Ocala Limestone, diam 3 in, depth 740 ft, cased to 500+. Lsd 58 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 31.82 below lsd, Dec. 2, 1968. Records available: 1940, 1958-68.

May 5, 1964	22.90	May 10, 1966	25.55	May 9, 1967	26.00	May 9, 1967	29.75
Oct. 13	23.10	Sept. 30	26.45	Oct. 10	27.65	Oct. 24	30.60
May 11, 1965	23.95	Oct. 12	26.45	Nov. 27	27.81	Dec. 2, 1968	31.82
Oct. 12	25.50						

313900N0815400.1. 30M3. Bob Harris and Lanier Blalock. Drilled irrigation artesian well in Ocala Limestone, diam 6 to 4 in, depth 620 ft, cased to 503. Lsd 110 ft above msl. MP top of cap on 6-in casing, 0.70 ft above lsd. Highest water level 69.70 below lsd, May 10, 1965; lowest 77.48 below lsd, Dec. 3, 1968. Records available: 1963-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 5, 1963	74.20	Nov. 30, 1965	73.52	May 9, 1967	72.30	May 9, 1968	76.15
Oct. 12, 1964	70.50	May 9, 1966	71.68	Oct. 10	74.05	Oct. 24	77.20
May 10, 1965	69.70	Sept. 30	72.70	Nov. 29	74.32	Dec. 3	77.48
Oct. 11	72.40	Oct. 11	72.70				

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- Wait, R. L., and Gregg, D. O., 1967, Hydrology and chloride contamination of the principal artesian aquifer in Glynn County, Georgia: U.S. Geol. Survey open-file rept., 199 p., 40 figs., 13 tabs., 214 pls.

KENTUCKY

The observation-well program in Kentucky was operated in cooperation with the Kentucky Geological Survey, University of Kentucky. Figure 5 shows the location of observation wells included in this report.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on p. 1.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

Allen County

364440N0861105.1. Marvin Wood. Scottsville. Drilled unused artesian well in limestone of Fort Payne Formation of Early Mississippian age, diam 6 in, depth 118 ft, cased to 30. Lsd about 770 ft above msl. MP base of 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: 1951-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.60	28.28	.....	26.88	28.26	28.92	29.00	29.32	29.18	29.38	29.59	26.10
10	28.45	28.53	.....	27.33	28.35	28.92	28.97	29.31	29.17	29.45	29.43	27.19
15	28.48	28.00	.....	27.38	28.36	28.90	29.21	29.30	29.27	29.27	29.55	26.80
20	27.20	27.68	.....	27.93	28.38	29.01	29.10	29.30	29.12	29.46	28.91	27.22
25	27.75	27.99	28.00	28.03	28.75	29.07	29.11	29.29	29.38	29.50	25.6 ^e	23.50
Eom	28.30	28.67	28.20	27.83	28.90	29.10	29.19	29.18	29.12	29.51	27.87	27.21
1965												
5	26.80	27.64	25.97	27.10	28.70	28.49	28.30	28.66	29.00	29.10	29.14	28.88
10	21.20	24.42	26.95	26.78	28.73	28.40	28.31	28.61	28.95	29.34	29.05	29.16
15	26.72	27.00	27.28	26.70	28.81	25.50	28.41	28.58	28.92	29.20	29.07	29.10
20	27.17	27.19	27.07	27.32	28.39	28.37	28.60	28.69	29.00	29.12	29.10	28.80
25	26.90	25.60	26.91	28.30	28.28	28.71	28.50	28.88	28.98	29.30	28.91	29.20
Eom	27.40	26.72	26.14	28.51	28.33	28.33	28.43	28.78	28.85	29.09	29.37	29.10
1966												
5	27.40	28.59	27.55	29.08	27.90	28.80	29.20	29.00	28.85	29.18	27.00	28.07
10	28.14	26.00	28.29	29.11	28.44	28.95	28.95	28.91	29.05	29.08	23.00	24.64
15	28.10	27.70	28.30	27.60	27.95	28.96	28.86	28.60	29.04	27.90	28.10	28.08
20	28.42	28.30	28.70	28.30	28.20	29.10	28.76	28.20	28.94	28.85	28.33	28.17
25	.....	28.10	29.00	28.23	28.36	29.13	28.99	28.63	29.10	28.80	28.21	28.61
Eom	28.96	27.99	28.78	25.70	28.85	29.15	29.08	28.73	29.15	28.50	28.29	27.75
1967												
5	j28.33	j27.80	j27.88	j28.25	j28.00	j28.35	j28.48	j28.35	j28.81	j28.63	j28.80	j27.92
10	j28.26	j27.90	j27.62	j28.36	j28.06	j28.41	j28.02	j27.95	j28.70	j28.72	j28.73	j28.08
15	j28.30	j28.10	j28.25	j28.61	j28.60	j28.62	j20.93	j28.39	j28.63	j28.78	j28.83	j28.10
20	j28.01	j27.40	j27.99	j28.54	j28.25	j28.54	j20.93	j28.50	j28.67	j28.86	j28.78	j28.87
25	j28.23	j28.34	j28.18	j28.78	j28.33	j28.68	j27.75	j28.75	j28.72	j28.50	j28.60	j28.20
Eom	j27.97	j27.08	j28.35	j28.05	j28.49	j28.30	j28.09	j28.71	j28.51	j28.82	j27.70	j28.32
1968												
5	j27.90	j28.12	j28.17	j22.90	j28.38	j28.02	j28.38	j28.38	j28.09	j28.12	j28.20	j27.82
10	j27.99	j28.17	.....	j27.09	j28.37	j28.33	j28.36	j28.10	j28.12	j28.21	j28.16	j28.13
15	j28.08	j28.18	.....	j28.13	j27.80	j28.30	j28.36	j28.08	j28.16	j28.20	j28.10	j28.21
20	j27.80	j28.02	.....	j28.19	j28.10	j28.37	j28.37	j28.20	j28.20	j28.32	j28.27	j28.27
25	j27.88	j28.35	.....	j28.32	j27.91	j28.32	28.36	j28.08	j29.19	j28.25	j28.20	j28.08
Eom	j28.20	j28.30	j28.05	j28.31	j28.12	j28.39	j28.39	j28.08	j28.28	j28.26	j27.81	j28.10

e Estimated.

j Affected by barometric pressure or other adverse conditions.

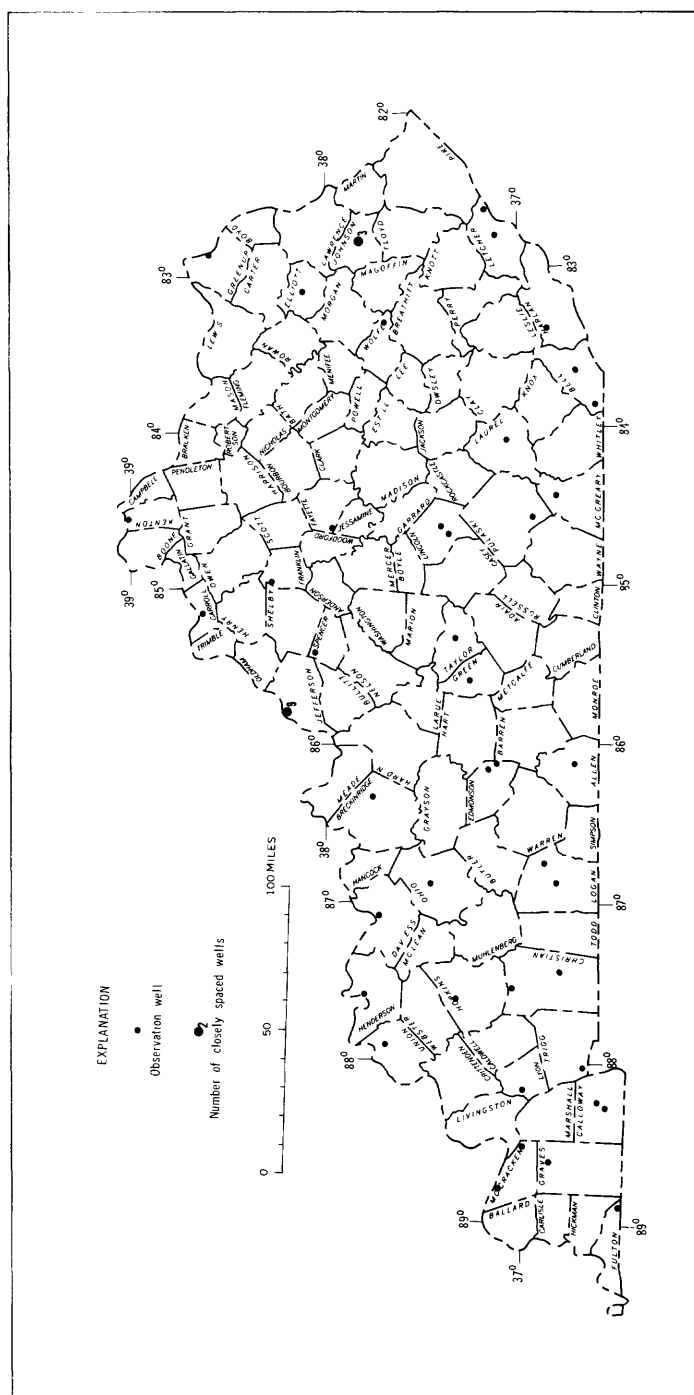


Figure 5. --Location of observation wells in Kentucky, 1964-68.

Bell County

363749N0834307.1. George Crutchfield. Middlesboro. Drilled unused water-table well in shale and sandstone of Breathitt Formation of Early and Middle Pennsylvanian age, diam 6 in, depth 39 ft, casing unknown. Lsd about 1,130 ft above msl. MP top of coupling, 2.50 ft above lsd. Highest water level 5.53 below lsd, May 4, 1968; lowest 14.34 below lsd, Nov. 20, 1965. Records available: 1964-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.60	6.95
10	9.45	9.40	7.60
15	10.00	9.12	7.02	....
20	8.40	7.95	7.36	....
25	8.70	7.30	7.00	....
Eom	9.25	7.52	6.96	....

1965

5	6.80	8.38	6.34	7.44	8.57	9.96	11.74	9.92	....	13.25	14.04	12.86
10	6.70	7.56	6.94	6.92	9.10	10.16	11.95	10.37	....	13.27	14.09	13.15
15	6.94	7.30	7.83	7.67	9.50	10.43	11.92	10.83	....	13.61	14.20	13.13
20	7.58	7.94	7.48	7.60	9.40	10.64	12.34	11.24	....	13.85	14.34	13.11
25	6.90	7.70	7.80	8.30	9.65	11.01	9.90	10.99	12.84	13.65	13.65	13.22
Eom	7.68	7.30	6.35	7.92	9.80	....	8.95	11.38	13.14	13.77	13.05	13.30

1966

5	11.65	10.94	6.69	9.76	7.54	10.25	11.08	9.48	9.14	8.23	7.06	....
10	11.46	9.00	7.76	9.95	8.51	10.35	11.00	9.40	9.60	8.75	7.00	....
15	11.07	7.65	8.30	8.00	9.03	10.72	11.35	8.14	9.28	9.21	6.53	....
20	11.27	7.55	8.92	8.43	9.46	10.33	10.80	7.70	8.27	7.33	7.46	7.50
25	....	7.84	9.30	....	9.24	10.76	11.39	....	8.34	8.45	8.05	....
Eom	11.35	7.82	9.43	8.56	9.85	10.98	10.15	8.79	8.85	8.60	....	....

1967

5	....	7.03	6.75	7.58	8.45	6.41	....	6.95	8.59	9.56	6.43	6.37
10	....	7.37	6.28	8.24	7.70	7.48	....	8.04	9.07	9.68	7.60	6.55
15	....	7.35	6.16	8.53	7.35	8.47	....	8.75	9.54	10.03	8.35	6.55
20	....	6.35	7.17	9.00	6.60	9.00	....	9.32	9.99	10.24	8.84	5.97
25	7.08	6.91	6.92	9.27	6.64	9.55	....	9.44	10.10	9.75	7.30	6.00
Eom	6.62	6.61	6.86	7.93	7.84	....	6.57	7.73	9.30	9.43	7.34	6.55

1968

5	5.70	7.67	9.23	6.02	7.41	8.54	10.37	7.63	....	11.28	11.21	....
10	6.10	7.98	9.22	6.22	8.27	9.07	10.78	8.25	....	11.15	11.23	....
15	5.93	8.46	6.93	7.01	8.37	9.53	10.20	7.83	....	11.38	11.2?	....
20	6.77	8.62	7.39	7.57	8.67	9.50	9.08	7.67	....	10.89	10.63	....
25	7.23	9.14	6.58	7.79	9.03	9.70	9.56	8.46	10.62	10.94	10.57	....
Eom	7.83	9.17	7.45	6.55	8.89	10.03	8.70	....	11.05	11.17	10.64	....

364326N0833831.1. U.S. Tennessee Valley Authority. Morristown. Drilled unused artesian well in sandstone and shale of Lee Formation of Late Mississippian and Early Pennsylvanian age, diam 6 in, depth 92 ft, length of casing unknown. Lsd about 1,040 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.87 below lsd, Mar. 7, 1967; lowest 33.63 below lsd, Dec. 14, 1967. Records available: 1965-68.

Water level at noon, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.34	33.05
10	33.30	33.45
15	33.28	33.55
20	33.40	33.36
25	33.20	33.43
Eom	32.94	33.55

1966

5	32.76	32.28	28.75	32.42	29.90	33.05	33.22	32.25	32.26	31.50	30.50	h30.90
10	32.58	31.82	31.10	32.50	31.30	32.36	32.77	32.10	32.62	32.08	30.82	30.40
15	32.80	27.35	31.70	29.40	31.36	33.00	32.30	....	32.23	32.42	29.80	29.85
20	33.14	30.50	32.10	31.40	32.35	32.54	32.70	....	31.84	31.16	30.95	30.40
25	h33.11	31.60	32.32	....	32.61	32.98	33.15	....	31.82	31.62	31.50	31.53
Eom	33.17	31.72	32.33	30.55	32.89	33.15	32.25	32.43	32.05	....	30.75	28.40

1967

5	j30.50	j30.49	j30.27	j31.35	j30.88	j28.57	j32.75	j30.63	j32.43	....	j31.15	j30.25
10	j30.84	j30.96	j27.33	j31.73	j29.65	j30.96	j30.63	j31.65	j32.60	....	j32.07	j31.20
15	j30.85	j31.03	j28.17	j31.37	j30.30	j31.88	j29.50	j32.20	j32.84	....	j32.49	j30.83
20	j31.12	j30.10	j30.43	j31.74	j30.00	j32.33	j31.48	j32.43	j32.97	....	j32.74	j28.75
25	j30.91	j30.06	j31.03	j31.65	j31.00	j32.48	j31.58	j32.42	j32.95	j32.85	j32.26	j28.10
Eom	j29.25	j30.40	j31.00	j29.80	j31.63	j32.50	j29.75	j31.84	....	j32.87	j32.26	j30.68

1968

5	28.44	31.12	32.47	29.20	29.81	....	32.74	....	....	33.41	....	e32.75
10	29.92	31.44	32.35	29.60	31.20	....	32.98	....	....	33.31	....	....
15	29.00	31.90	29.03	30.53	31.22	....	32.97	....	....	33.43	....	....
20	30.50	32.08	30.33	30.89	31.20	....	32.93	....	....	....	....	....
25	30.37	32.36	29.50	30.54	....	32.44	....	....	33.22	....	....	....
Eom	31.17	32.42	30.72	29.72	....	32.61	....	....	33.43	33.38	33.07	....

e Estimated.

h Tape measurement.

j Affected by barometric pressure or other adverse conditions.

Breckinridge County

374807N0862000.1. Odie Dickerson. Irvington. Drilled unused artesian well in limestone and sandstone of Late Mississippian age, diam 6 in, depth 183 ft, cased to 10. Lsd about 825 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 145.68 below lsd, July 9, 1967; lowest water level 181.40 below lsd, June 8, 1967. Records available: 1967-68. Recording gage installed June 8, 1967. May 24, 1967, j149.53.

Water level at noon, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	j145.74	j146.85	j147.13	j146.05	.....	j150.05
10	j145.81	j145.73	j146.86	j146.65	j146.07	.....	.....
15
20	j153.60
25	j150.35	j148.10	j153.35
Eom	j145.75	j146.82	j146.08	j146.01	j152.32	j150.30	j153.75

1968

5	154.65	149.18	.....	149.43	.....	.....	149.15	149.66	.....	149.02	149.03	166.66
10	155.12	149.52	.....	.....	.....	.....	149.12	.....	.....	149.08	149.16	168.83
15	149.60	149.54	.....	.....	.....	.....	149.16	.....	.....	149.05	150.75	170.97
20	152.07	149.48	.....	.....	.....	.....	149.15	.....	.....	149.05	e156.00	171.65
25	149.53	149.50	e149.45	.....	.....	149.10	149.14	.....	149.06	149.06	161.35	172.51
Eom	149.57	149.47	149.39	.....	.....	149.16	149.64	.....	149.04	149.05	164.10	173.23

e Estimated.

j Affected by barometric pressure or other adverse conditions.

Calloway County

363837N0881803.1. Eli Lilly Co. Indianapolis, Indiana. Well located about 3 mi northeast of Murray, Ky. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age, diam 6 in, depth 210 ft, screened 190-210. Lsd 475.1 ft above msl. MP top of casing, 2.75 ft above lsd. Highest water level 50.43 below lsd, Apr. 4, 1968; lowest 51.80 below lsd, Nov. 23, 1968. Records available: 1967-68.

Water level at noon, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	50.86	51.24	51.16	50.89
10	50.68	50.85	51.21	51.22	50.79
15	50.78	51.00	51.32	51.11	50.91
20	50.84	51.06	51.20	51.09	50.75
25	50.78	51.13	51.11	50.82	50.68
Eom	50.82	51.16	51.08	50.86	50.61

1968

5	50.72	50.75	50.87	50.76	50.86	50.80	51.19	51.14	51.37	51.65	51.56	51.53
10	50.80	50.75	50.87	50.85	51.01	50.88	51.15	51.23	51.34	51.53	51.60	51.69
15	50.62	50.81	50.99	50.79	50.77	51.05	51.20	51.18	51.42	51.52	51.67	51.69
20	50.83	50.75	50.91	50.65	50.82	51.09	51.16	51.23	51.35	51.55	51.74	51.60
25	50.75	50.88	50.83	50.70	50.87	51.05	51.17	51.40	51.46	51.53	51.79	51.47
Eom	50.71	50.86	50.85	50.74	50.85	51.11	51.06	51.45	51.63	51.56	51.61	51.26

363634N0881916.1. Joe Parks. 15th and Main Sts., Murray. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age, diam 12 in, depth 345 ft, screened 290-328, 330-334. Lsd 548.97 ft above msl. MP base of recorder shelter, 2.56 ft above lsd. Highest water level 123.23 below lsd, Mar. 3, 1953; lowest 129.52 below lsd, Sept. 27, 1968. Records available: 1948-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	126.31	126.97	127.47	127.49	127.88	127.63	127.49	127.86	127.52
10	126.88	127.63	127.32	127.72	127.83	127.73	127.73	127.63
15	127.20	127.28	127.28	127.75	127.83	127.59	127.61	127.56
20	127.38	127.54	127.18	127.66	127.61	127.65	127.67	127.35
25	127.31	127.74	127.38	127.57	127.94	127.60	127.65	126.84
Eom	126.81	127.22	127.76	127.57	127.37	127.44	127.81	127.43	127.07

1965

5	127.20	127.35	.....	127.04	127.72	127.80	127.51	127.94	127.55	127.85	128.22	128.23
10	126.97	127.28	127.25	127.11	127.49	127.62	127.51	127.82	127.53	127.78	128.13	127.82
15	127.19	127.20	127.19	127.16	127.68	127.50	127.76	127.89	127.76	128.02	128.54	128.12
20	127.20	127.17	127.42	127.23	127.78	127.75	127.63	128.10	127.97	127.97	128.00	127.83
25	126.95	127.08	127.36	127.48	127.78	127.80	127.76	127.91	127.82	127.92	128.03	127.80
Eom	127.00	127.04	127.40	127.56	127.54	128.01	127.57	127.81	128.06	128.07	128.27	127.91

1966

5	.....	.....	.....	127.92	128.15	128.17	127.99	.....	127.81	127.50	128.94	128.41	.....
10	.....	.....	.....	128.28	127.60	128.13	128.04	.....	.....	127.78	128.18	.....	.....
15	.....	.....	.....	128.01	127.70	128.12	128.00	.....	.....	127.83	128.29	.....	.....
20	.....	.....	.....	127.88	127.84	128.11	127.97	.....	.....	127.76	128.36	.....	.....
25	.....	128.22	128.16	127.65	128.04	128.53	128.00	127.58	127.90	128.44	127.90	.....	.....
Eom	.....	127.70	128.04	128.00	127.98	128.32	128.23	127.53	128.18	128.22	.....	.....	.....

363634N0881916.1--Continued.

1967											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	.....	.....	127.85	128.29	128.31	127.99	128.12	128.05	128.10	128.80	..... 128.18
10	.....	128.09	128.18	127.87	128.12	128.27	127.85	128.09	127.93	128.69	..... 128.13
15	.....	128.12	128.30	127.63	127.72	128.67	127.85	128.06	128.57	128.45	..... 128.49
20	.....	128.09	127.98	128.14	128.24	128.63	127.99	127.96	128.74	128.71	..... 127.97
25	.....	128.31	128.10	128.11	128.32	128.22	127.83	128.25	128.57	128.53	..... 127.67
Eom	.....	128.10	128.35	127.95	128.17	128.36	127.82	128.20	128.55	.....	128.24 127.62
1968											
5	127.99	.....	.....	.....	128.52	128.38	128.62	128.22	128.77	129.10	129.00 128.88
10	128.06	.....	.....	.....	128.81	128.28	128.77	128.67	128.70	129.07	128.88 129.04
15	127.78	.....	.....	.....	128.53	128.70	128.47	128.60	128.62	128.95	129.06 128.92
20	128.13	.....	.....	.....	128.33	128.78	128.48	128.73	128.93	128.80	129.23 129.12
25	128.12	.....	.....	128.24	128.52	128.54	128.58	128.77	129.15	129.02	128.84 128.38
Eom	.....	.....	.....	128.37	128.23	128.53	128.22	128.93	129.07	129.17	128.58 128.27

Carroll County

384043N0851113.1. Schenley Distillers, Inc. Carrollton. Drilled unused water-table well in sand and gravel of Quaternary age, diam 8 in, depth 110 ft, screened 96-110. Lsd about 455 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: 1951-68.

Water level at noon, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	.....	34.49	33.50	.....	23.50	33.98	35.18	35.78	36.42	36.35	36.85 35.00
10	.....	33.45	24.00	.....	28.70	34.02	35.15	35.96	36.38	36.43	36.82 34.57
15	.....	34.00	.....	.....	31.25	34.33	35.10	36.13	36.60	36.50	36.90 31.40
20	.....	32.38	.....	h22.30	32.05	33.90	35.33	36.40	36.72	36.29	36.55 33.10
25	h23.28	33.68	.....	16.98	32.77	33.75	35.70	36.17	36.57	36.74	36.43 34.35
Eom	32.17	34.43	24.18	20.50	33.54	34.85	35.87	36.45	36.40	36.84	35.56 30.20
1965											
5	27.73	32.72	24.50	23.50	29.16	33.78	35.33	36.16	35.80	36.40	36.35 35.62
10	29.64	27.75	24.14	23.10	30.20	34.45	35.49	36.13	36.25	36.08	36.47 35.98
15	25.66	24.00	26.55	18.12	31.18	34.58	35.48	36.05	35.90	36.21	36.35 35.96
20	32.00	.....	25.95	21.83	32.69	34.92	35.76	36.34	36.08	36.43	35.80 35.75
25	31.75	.....	28.06	24.25	33.02	35.05	35.28	36.37	36.09	35.65	35.86 36.20
Eom	27.25	.....	18.15	20.45	33.65	35.16	36.00	36.37	36.20	36.10	34.46 36.05
1966											
5	30.55	36.98	27.90	32.80	16.26	33.90	35.50	36.00	36.25	35.20	35.30 34.08
10	28.70	34.40	28.72	32.60	24.60	34.40	35.55	36.05	36.37	35.98	34.85 29.00
15	33.40	23.55	30.55	28.45	28.30	34.64	34.97	35.96	36.43	36.09	33.45 23.68
20	35.90	19.54	31.14	29.94	28.30	34.93	35.77	35.83	36.40	36.35	35.12 29.80
25	26.35	26.73	32.30	31.24	31.55	35.23	35.73	35.95	36.10	36.13	35.56 32.95
Eom	36.77	30.65	32.77	27.00	32.85	35.43	35.98	.....	35.60	36.27	..... 30.60
1967											
5	32.55	30.73	30.15	25.54	26.47	28.60	34.43	.....	36.37	35.79	35.42 31.10
10	33.50	31.13	17.10	25.62	19.10	32.20	34.39	.....	36.47	35.97	35.73 31.32
15	33.95	33.07	13.60	27.12	17.55	33.00	34.55	.....	36.39	36.41	35.80 29.53
20	34.38	32.42	13.33	28.08	15.00	33.45	34.81	.....	36.52	36.07	35.78 32.75
25	34.77	29.65	19.00	25.79	21.90	33.60	35.09	.....	36.60	35.84	35.20 28.77
Eom	32.45	32.93	22.30	26.36	30.80	33.90	.....	.....	35.90	.....	33.86 32.25
1968											
5	33.42	23.20	34.93	21.85	32.27	19.05	33.80	34.90	35.84	36.30	36.47 33.55
10	33.10	26.74	34.75	23.90	33.42	28.65	34.38	34.50	35.78	36.40	35.98 32.89
15	34.14	31.85	25.75	29.64	30.93	30.45	34.60	33.40	36.00	36.43	36.13 34.61
20	34.12	33.18	25.83	31.30	29.12	32.03	34.90	34.35	36.18	36.00	34.70 35.13
25	30.55	34.02	21.80	30.29	20.25	32.57	35.28	35.25	36.30	36.24	34.52 33.34
Eom	29.50	34.54	24.10	32.32	12.67	33.58	35.20	35.71	36.42	35.40	34.17 29.95

h Tape measurement.

Christian County

365142N0872704.1. Western State Hospital. Hopkinsville. Drilled unused water-table well in Ste. Genevieve Limestone of Late Mississippian age, diam 8 in, depth 85 ft, cased to 10. Lsd about 550 ft above msl. MP top of casing, 0.30 ft above lsd. Highest water level 2.26 below lsd, Feb. 22, 1961; lowest 17.77 below lsd, Oct. 21, 1956. Records available: 1950-68.

Water level at noon, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	16.71	16.45	11.00	14.18	15.41	16.59	16.11	16.40	16.19	13.40	16.40 11.50
10	14.20	15.17	7.00	12.45	15.91	16.60	16.00	16.48	16.19	15.89	16.46 12.72
15	16.30	13.80	12.07	12.90	16.01	16.43	16.44	16.40	16.20	16.17	16.49 12.02
20	14.50	13.20	12.50	14.69	16.04	16.49	16.00	16.41	16.19	16.30	15.70 12.91
25	15.72	13.98	13.85	15.02	16.52	16.40	16.52	h16.40	16.41	h16.41	12.00 12.30
Eom	16.40	16.20	14.72	13.84	16.54	16.41	16.50	16.11	12.28	16.38	12.40 12.54

365142N0872704.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.20	14.14	11.00	11.31	14.90	13.50	12.00	15.88	12.17	15.63	15.56	15.87
10	8.90	11.90	11.73	11.40	15.61	13.20	12.80	16.37	14.22	.....	15.26	15.86
15	11.90	e12.00	12.22	12.10	15.80	14.89	14.92	16.05	12.36	.....	15.50	14.38
20	12.18	.....	11.81	12.33	14.31	15.67	15.28	16.31	14.20	.....	15.90	14.62
25	12.27	11.96	12.25	13.00	15.11	15.54	15.75	16.52	14.91	.....	15.60	15.94
Eom	12.68	11.10	9.95	13.20	15.50	15.63	15.85	16.26	15.20	15.67	15.50	16.00
1966												
5	11.50	12.40	11.80	15.69	11.60	15.30	15.55	16.00	16.24	16.03	14.10	15.06
10	12.12	7.50	12.24	15.71	12.42	14.12	15.71	15.98	16.25	15.56	12.08	9.28
15	12.46	e10.03	12.85	11.90	13.40	15.10	15.75	11.98	16.20	15.60	14.80	12.11
20	14.02	11.40	14.06	12.41	11.35	15.36	15.94	15.83	16.10	16.06	15.38	12.70
25	.....	12.35	14.75	11.10	12.40	15.67	.....	15.98	16.06	16.11	15.76	14.54
Eom	14.99	12.40	15.40	8.65	14.25	15.60	15.40	16.16	14.50	16.18	13.87	11.73
1967												
5	12.39	12.15	11.00	15.12	15.75	.....	12.20	15.45	16.04	16.19	14.24	11.57
10	12.85	12.31	10.90	14.65	14.54	.....	12.03	12.38	14.90	16.25	15.54	11.78
15	13.75	13.00	12.18	15.80	7.93	.....	11.95	15.12	16.02	16.26	14.58	12.01
20	14.52	12.57	12.41	15.75	12.21	.....	12.80	15.76	16.22	15.85	15.60	14.40
25	15.10	15.75	12.87	15.99	.....	.....	14.50	15.30	.....	12.40	16.67	11.66
Eom	11.88	11.59	14.30	15.46	.....	11.00	14.11	15.36	16.14	15.90	11.48	12.32
1968												
5	12.61	11.72	15.87	8.10	15.50	12.89	16.22	15.88	16.30	16.31	16.22	12.25
10	12.40	12.28	15.77	4.10	15.49	14.98	16.20	16.08	16.20	16.09	16.23	15.66
15	12.42	13.00	12.23	12.38	11.80	15.71	16.10	15.81	16.27	16.10	16.71	16.02
20	12.12	14.33	12.35	12.45	12.45	15.99	16.18	16.07	16.18	16.23	16.73	16.20
25	11.62	15.38	10.60	13.99	11.80	15.38	16.23	16.21	16.30	16.31	16.74	12.67
Eom	12.27	15.76	11.52	15.03	12.28	16.05	14.64	16.32	16.30	16.50	13.10	12.40

e Estimated.

h Tape measurement.

370733N0872912.1. Williams Coal Co. Drilled unused artesian well in 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 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: 1952-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.72	9.85	6.75	6.05	5.50	6.25	7.42	7.93	8.27	8.54	7.54	6.69
10	9.64	9.27	5.85	5.91	5.64	6.66	7.13	8.13	8.88	7.4e	7.62	6.60
15	9.59	9.04	5.45	5.81	5.55	6.93	7.38	8.13	8.54	7.4c	7.72	e6.20
20	9.50	8.82	6.74	5.78	5.87	6.75	7.43	8.12	8.58	7.38	7.59	e6.00
25	9.41	8.18	6.27	e5.40	6.31	7.17	6.96	h8.04	8.58	e7.47	7.58	e5.90
Eom	9.45	8.55	6.05	5.40	6.23	7.47	7.15	8.00	8.55	7.5c	7.26	5.92
1965												
5	5.70	5.42	4.82	4.45	4.75	4.95	5.89	6.43	7.15	7.1e	7.39	7.30
10	5.96	5.00	4.80	4.52	4.93	5.28	5.12	6.75	7.14	7.10	7.40	7.35
15	....	4.95	4.87	4.46	5.13	5.07	5.68	7.01	6.97	7.17	7.41	7.21
20	....	5.00	4.90	4.69	4.30	5.68	5.92	7.27	7.05	....	7.40	7.13
25	....	4.82	4.87	4.45	4.39	5.31	6.16	7.23	....	....	7.35	7.13
Eom	5.31	4.87	4.00	4.53	5.05	6.12	6.15	7.30	7.07	7.3e	7.37	7.19
1966												
5	6.30	5.00	....	5.12	3.72	4.90	5.81	7.01	7.49	7.91	8.19	7.45
10	5.92	4.33	4.69	5.25	4.49	4.66	6.11	6.30	7.57	7.95	7.50	6.87
15	5.62	4.73	4.57	4.63	4.53	5.00	6.44	8.80	7.49	7.94	7.97	6.74
20	5.66	5.07	5.01	5.83	4.41	5.36	6.50	7.08	....	8.05	8.00	6.36
25	5.07	5.10	5.04	4.70	4.50	5.48	....	7.27	....	8.14	7.90	6.27
Eom	5.53	....	5.04	4.35	4.75	5.68	6.84	7.38	7.80	8.23	6.59	5.93
1967												
5	j5.60	j5.10	j4.88	j4.88	j4.71	j5.04	j5.85	j5.19	j5.40	j5.31	j5.20	j4.29
10	j5.48	j5.06	j4.94	j5.00	j4.80	j4.71	j5.47	j5.11	j5.40	j5.32	j5.15	j4.37
15	j5.56	j5.07	j4.75	j5.05	j2.83	j5.35	j5.23	j5.22	j5.47	j5.42	j5.04	j4.53
20	j5.54	j5.03	j4.75	j5.10	j4.27	j5.57	j5.16	j5.30	j5.51	j5.23	j4.97	j4.49
25	j5.50	j5.17	j4.78	j5.16	j4.69	j5.56	j5.16	j5.37	j5.50	j5.28	j4.88	j4.17
Eom	j5.31	j4.82	j4.79	j4.68	j4.85	j5.55	j5.03	j5.39	j5.26	j5.17	j4.68	....
1968												
5	....	j3.97	j4.70	j3.95	j4.25	j4.52	j5.45	j6.13	....	j7.10	j7.54	j6.90
10	....	j4.31	j4.69	j4.30	j4.56	j5.15	j5.20	j6.25	....	j7.27	j7.33	j6.67
15	....	j4.48	j4.65	j4.39	j4.41	j5.24	j5.65	j6.30	....	j7.92	j7.48	j6.64
20	....	j4.55	j4.52	j4.27	j4.45	j5.05	j5.90	j6.35	....	j7.45	j7.55	j6.69
25	j4.53	j4.65	j3.65	j4.30	j4.50	j5.04	j5.80	j6.00	j6.76	j7.50	j7.53	j6.91
Eom	j4.20	j4.68	j4.24	j4.44	j4.44	j5.25	j5.85	....	j6.99	j7.54	j7.27	j5.99

e Estimated.

h Tape measurement.

j Affected by barometric pressure or other adverse conditions.

Daviess County

374638N0870541.1. Owensboro Municipal Utilities. Owensboro. Drilled unused water-table and artesian well in sand and gravel of Quaternary age, diam 12 in, depth 104 ft screened 74-104. Lsd about 405 ft above msl. MP floor of recorder shelter, 4.33 ft above lsd. Highest water level 23.09 below lsd, Mar. 15, 1964; lowest 59.72 below lsd, May 16, 1968. Records available: 1951-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	45.66	50.01	47.60	49.10	39.22	52.84	50.00	54.55	54.80	50.63	54.39	51.15
10	49.18	49.32	34.30	41.88	41.10	53.71	51.70	52.50	54.10	53.57	54.42	51.15
15	48.88	50.00	23.53	45.40	42.12	53.58	51.30	53.90	51.98	e47.30	52.25	49.60
20	49.00	50.35	30.50	31.00	43.76	55.27	52.60	55.00	51.05	.....	55.21	49.97
25	49.58	50.27	35.20	42.15	43.77	54.10	53.37	54.58	49.90	.....	53.92	49.25
Eom	49.38	48.78	45.50	42.21	49.00	53.11	52.00	54.90	49.29	53.48	50.80	48.50

1965

5	44.70	50.27	47.01	45.35	51.89	55.19	49.81	56.74	52.36	52.14	50.30	51.60
10	46.40	49.70	46.21	47.52	54.15	56.50	49.74	55.65	51.55	52.10	50.88	53.95
15	43.05	38.86	44.88	42.70	54.50	55.62	51.62	53.10	52.50	52.13	50.87	53.40
20	49.10	43.72	51.50	43.50	54.60	49.10	51.59	53.96	53.10	51.45	53.59	51.68
25	49.45	52.34	51.50	48.80	h53.14	52.91	54.98	53.32	52.55	51.10	51.21	51.69
Eom	44.20	50.40	44.30	45.90	55.50	53.90	55.06	53.40	51.31	50.47	53.60	51.80

1966

5	44.60	51.69	50.42	53.79	38.82	52.76	54.56	52.51	53.34	54.32	48.10	50.40
10	45.86	51.79	48.94	51.10	38.00	53.34	53.74	51.61	52.14	52.40	47.61	43.27
15	50.60	51.64	52.55	50.50	46.00	52.11	54.70	52.49	53.85	51.50	46.61	41.50
20	51.74	43.80	54.49	47.00	52.97	52.63	53.19	51.25	53.69	51.86	46.01	46.80
25	49.75	40.35	53.10	53.49	54.11	54.29	e53.10	53.25	51.13	51.70	48.51	51.10
Eom	49.90	48.06	53.84	48.10	54.15	55.14	52.12	53.89	54.61	49.41	50.55	52.90

1967

5	c54.99	c49.66	c51.25	c47.15	c46.14	c50.04	c52.85	c50.01	c48.41	c55.70	c52.98	c51.38
10	c53.30	c52.15	c40.00	c50.09	c43.96	c51.10	c52.57	c57.49	c52.70	c56.85	b56.70	b48.97
15	c51.50	c54.28	c32.78	c51.05	c37.48	c55.37	c48.97	c54.50	c56.01	b52.50	b54.90	b51.28
20	c53.97	c53.62	c31.48	c52.31	c33.00	c55.05	c51.87	c54.00	c59.21	b57.45	b55.22	c53.97
25	c53.99	c52.52	c31.80	c51.57	c41.83	c43.80	c52.24	c52.62	a54.30	b53.60	c55.41	c50.47
Eom	c54.61	c54.05	c44.50	c47.97	c50.56	c51.40	c55.10	c57.01	a54.32	c56.74	c54.27	c53.02

1968

5	c55.49	c44.61	c52.39	c41.30	b56.80	c44.97	c54.72	c56.35	d54.36	d55.00	c54.72	c54.50
10	c56.30	c45.10	c52.00	c40.50	c55.20	c53.70	c58.15	c56.41	c53.03	c53.92	d50.60	d57.68
15	c54.90	c51.30	c50.00	c48.50	c59.03	c57.40	c58.70	c52.80	d51.30	c57.15	c54.61	d52.80
20	c55.49	c53.77	c42.26	c53.00	c55.05	c58.67	d57.50	c58.61	56.21	d53.30	c54.62	c52.69
25	b56.90	c52.22	c42.50	b54.00	b55.40	c58.54	c58.75	d56.18	c56.86	d54.11	c54.50	c55.38
Eom	c53.88	c51.74	c40.50	c55.49	c42.70	d53.00	d52.90	c53.59	c56.60	c55.69	54.17	c50.37

- a Well being pumped.
- b Well pumped recently.
- c Nearby well being pumped.
- d Nearby well pumped recently.
- e Estimated.
- h Tape measurement.

Edmonson County

371122N0860521.1. U.S. National Park Service. Mammoth Cave National Park, Eaton Valley test well. Drilled unused water-table well in Ste. Genevieve Limestone of Late Mississippian age, diam 8 in, depth 295 ft, cased to 65. Lsd about 565 ft above msl. MP top of casing, 1.60 ft above lsd. Highest water level 81.50 below lsd; lowest 132.00 below lsd, Aug. 24, 1962. Records available: 1961-68. Recording gage installed July 21, 1961.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	129.63	131.09	131.29	131.39	130.72
10	h131.70	130.34	130.06	131.23	131.08	128.00
15	130.67	131.21	131.30	131.04	129.14
20	130.85	131.05	131.15	131.24	118.75
25	129.12	131.07	131.05	131.24	131.12
Eom	129.28	130.77	131.15	131.07	130.95

1962

5	129.20	128.87	.....	127.20	129.23	129.74	130.58	131.57	131.68	129.68	e130.52	129.81
10	129.00	127.00	.....	123.50	129.19	129.42	130.71	131.78	131.35	129.56	.....	130.11
15	129.10	129.01	.....	113.90	129.20	129.15	130.78	131.89	131.23	129.98	.....	130.14
20	129.24	129.10	.....	128.20	129.10	129.25	131.11	131.87	131.15	130.35	.....	130.37
25	110.80	125.00	.....	128.88	129.30	129.74	131.21	131.95	130.87	e130.20	.....	129.50
Eom	128.35	.....	120.88	129.19	129.77	130.30	131.53	131.90	131.02	e130.25	129.87	129.42

1963

5	129.40	129.76	119.40	129.25	130.10	129.61	130.01	129.95	130.12	130.12	130.07	130.19
10	129.41	129.32	123.00	129.29	130.03	129.70	129.99	129.96	130.11	130.10	130.08	130.21
15	129.88	129.50	113.43	129.41	130.07	130.00	129.83	130.01	130.12	130.11	130.15	130.31
20	129.72	e129.47	121.23	129.80	130.19	130.00	129.80	130.04	130.08	130.09	130.12	130.22
25	130.00	e129.48	128.91	130.19	130.21	129.86	129.90	130.05	130.08	130.08	130.12	130.14
Eom	129.98	129.94	129.07	130.14	129.90	129.91	129.95	130.11	130.11	130.07	130.15	130.20

371122N0860521.1--Continued.

1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	130.13	129.84	107.61	129.31	129.41	129.81	130.09	130.03	129.99	129.95	130.01	121.40
10	130.05	129.87	102.20	129.31	129.57	130.15	130.00	130.02	129.98	129.95	130.01	129.36
15	129.97	129.79	112.20	129.43	129.78	130.09	130.01	130.03	129.99	129.98	130.08	122.80
20	129.75	129.70	128.57	129.39	129.91	129.99	129.99	130.05	130.00	129.91	129.99	129.36
25	129.75	129.69	129.02	129.44	130.00	130.10	130.00	130.02	130.00	129.91	129.20	129.11
Fom	129.85	129.83	129.20	128.10	129.72	130.08	130.03	129.95	129.90	129.90	129.80	129.39
1965												
5	126.90	129.47	128.40	128.84	129.14	129.77	130.00	130.01	130.00	129.89	129.90	129.90
10	123.00	128.24	129.31	127.40	129.51	129.72	129.18	130.00	129.95	129.89	129.90	129.90
15	128.60	123.00	129.38	129.19	129.68	129.75	129.60	130.00	129.91	129.87	129.88	129.89
20	129.33	129.29	127.90	129.18	129.72	129.75	129.97	130.00	129.90	129.87	129.90	129.90
25	129.36	128.88	129.00	129.11	e129.70	129.98	129.80	e130.02	129.89	129.89	129.90	129.85
Fom	129.42	127.80	108.66	129.23	129.75	129.99	129.95	129.99	129.88	129.89	129.92	129.85
1966												
5	121.50	129.75	129.42	129.75	126.28	129.75	129.84	129.87	129.86	129.90	129.62	e129.00
10	129.37	126.08	129.46	129.78	129.41	129.75	129.80	129.85	129.90	129.85	126.80	.....
15	129.45	118.22	129.61	129.50	129.47	129.79	129.86	129.82	129.82	129.85	129.58	.....
20	129.58	129.30	129.65	129.48	129.60	129.80	129.85	129.80	129.90	129.85	129.62	.....
25	h129.75	129.42	129.64	129.00	129.60	129.88	e129.85	129.80	129.90	129.85	129.75	129.51
Fom	129.80	129.43	129.70	123.00	129.70	129.88	129.90	129.85	129.90	129.85	129.70	123.60
1967												
5	129.40	129.55	129.40	129.51	122.00	129.60	129.82	123.00	129.80	129.89	129.80	124.88
10	129.41	129.60	108.30	129.46	126.21	129.60	129.81	125.41	129.80	129.89	129.80	129.58
15	129.50	129.69	.....	129.64	113.89	129.75	129.81	129.55	129.81	129.89	129.81	129.58
20	129.60	129.56	.....	129.75	127.41	129.82	129.83	129.62	129.82	129.89	129.81	129.60
25	129.70	129.58	.....	129.60	129.44	129.60	129.85	129.79	129.90	129.89	129.92	126.80
Fom	129.60	129.20	129.41	128.30	129.50	129.80	129.39	129.80	129.89	129.85	129.51	129.57
1968												
5	129.60	129.50	129.85	108.10	129.40	127.20	129.83	129.92	129.91	129.94	129.90	129.80
10	129.60	129.58	129.80	118.00	129.65	129.46	129.82	.....	129.91	129.93	129.90	129.93
15	129.60	129.49	125.80	125.99	127.80	129.55	129.88	.....	129.95	129.95	129.90	130.00
20	129.58	129.72	128.25	129.32	129.52	129.61	129.90	.....	129.98	129.95	129.91	130.00
25	129.58	129.80	115.31	129.22	129.35	129.72	129.91	.....	129.93	129.95	129.91	130.00
Fom	129.58	129.85	126.75	129.40	119.40	129.80	129.90	129.92	129.91	129.90	129.90	130.00

e Estimated.

h Tape measurement.

370923N0860416.1. U. S. National Park Service. Mammoth Cave National Park, Mr. McInley test well No. 2. Drilled under artesian well in Ste. Genevieve Limestone of Late Mississippian age, diam 10 in, depth 491 ft, cased to 23. Lsd about 860 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 132.03 below lsd, Aug. 31, 1968; lowest 441.51 below lsd, July 13, 1966. Records available: 1965-68. Recording gage installed June 8, 1965.

Water level at noon, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	1428.59	1428.99	1429.28	1429.24	1429.33	1428.95
10	.....	.....	.....	.....	.....	1427.67	1428.48	1429.05	1429.20	1429.20	1431.16	1429.27
15	.....	.....	.....	.....	.....	1427.70	1427.60	1429.13	1429.04	1429.25	1429.18	1429.10
20	.....	.....	.....	.....	.....	1427.83	1428.12	1429.10	1429.23	1429.15	1429.18	1428.95
25	.....	.....	1425.00	.....	.....	1428.31	1428.50	1429.20	1429.22	1429.25	1429.16	1429.30
Eom	.....	.....	.....	.....	.....	1428.60	1428.73	1429.14	1428.96	1429.20	1429.30	1429.30
1966												
5	d427.00	c430.15	1426.95	1430.60	1426.69	d434.20	1430.93	1431.36	d433.30	431.33	d431.00	1429.95
10	d426.40	1427.95	e428.00	1430.89	1427.86	436.27	1431.12	c440.35	1431.46	1430.75	1429.62	1429.20
15	1426.52	1425.70	e428.80	1429.20	1428.75	c432.20	1431.12	.....	1431.25	d430.84	1428.76	1427.52
20	1427.77	1425.62	e429.50	1429.20	1429.31	1430.95	1431.24	.....	1431.14	1430.82	1429.30	1427.58
25	1428.22	1426.14	e430.50	c430.20	1428.99	1430.95	d434.93	.....	1431.29	1430.87	1429.67	1428.81
Eom	1428.59	1426.35	1430.30	1427.90	1429.90	1430.90	1431.39	d433.30	1431.69	1430.61	1429.80	1427.60
1967												
5	1427.85	1428.90	1428.70	1427.90	1426.30	d428.48	d429.80	c428.00	d430.63	430.31	1430.40	1427.93
10	1428.65	1429.07	1422.58	1428.66	1425.64	1428.49	d426.65	d426.95	1429.97	1430.31	1430.20	1427.70
15	d429.41	1429.45	1424.00	1429.03	1425.10	d429.63	d425.52	c427.70	1430.10	1430.43	1430.25	1428.69
20	1429.61	1429.80	c430.50	1429.31	1424.60	434.30	d426.39	c428.38	d433.60	1430.50	1430.27	1428.45
25	e429.75	1430.11	1426.11	d429.70	1425.92	1429.60	c426.90	d430.30	1430.15	1430.23	1430.10	d428.50
Eom	1429.20	1429.61	1427.49	1428.12	1428.70	1429.70	d428.40	d430.36	1430.30	d430.33	1430.05	1428.34
1968												
5	d428.92	1428.39	1429.92	d422.15	1428.04	d424.89	d431.80	d433.90	c135.75	1430.93	1430.60	1430.15
10	1428.90	1428.48	1429.98	1420.27	1428.58	c430.00	d430.40	d438.71	d431.14	1430.93	1430.59	1430.52
15	1429.03	1429.66	1428.85	d423.85	d428.58	c428.32	c432.00	1439.00	c436.20	1430.73	1430.60	1430.59
20	1429.34	1429.42	1427.70	1424.45	1427.77	1428.77	d434.40	1438.49	c436.49	1430.75	1433.00	1430.58
25	1428.53	1429.84	1425.46	1426.03	1428.19	c429.20	c438.30	1437.27	d431.40	1430.75	1430.95	1430.00
Eom	1428.66	1429.87	c432.86	1427.18	1424.39	d429.71	d435.60	d132.08	d431.33	1430.73	1430.60	1430.19

c Nearly well being pumped.

d Nearly well pumped recently.

e Estimated.

j Affected by barometric pressure or other adverse conditions.

Elliott County

380425N0830919.1. Roy Adkins. Sandy Hook. Drilled unused water-table well in rocks of Pennsylvanian age, diam 6 in, depth 70 ft, length of casing unknown. Lsd about 780 ft above msl. MP base of recorder shelter, 3.55 ft above lsd. Highest water level 13.80 below lsd, Apr. 5, 1968; lowest 46.35 below lsd, Dec. 17, 1953. Records available: 1952-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	42.26	27.09	19.97	22.75	21.82	23.12	25.23	24.55	24.80	24.20	26.55	19.43
10	42.35	.....	19.50	22.92	22.06	23.29	24.13	23.98	25.17	24.80	26.83	23.10
15	40.05	.....	20.73	22.98	22.48	23.21	24.20	23.39	25.56	25.19	27.14	18.63
20	42.00	.....	21.08	20.72	22.69	22.92	24.73	23.46	25.86	25.65	26.65	22.13
25	26.90	h23.55	21.07	20.79	22.83	h23.34	25.05	23.73	26.23	26.00	.....	22.00
Eom	26.27	23.44	22.09	21.17	22.97	25.03	25.23	24.30	25.57	26.35	.....	20.92

1965

5	20.41	22.95	19.70	.....	.....	23.96	24.57	23.63	23.70	23.17	23.35	23.26
10	19.34	20.57	20.35	.....	.....	24.06	24.33	23.22	23.85	22.00	23.44	24.47
15	20.25	20.60	21.77	.....	.....	24.03	24.12	23.95	23.56	.....	23.24	24.75
20	21.84	22.10	20.77	.....	.....	24.28	24.42	24.17	23.74	.....	24.00	24.90
25	22.17	21.71	21.03	.....	.....	24.60	21.33	23.54	22.00	21.97	24.35	25.30
Eom	22.24	20.96	.....	h20.48	23.84	24.87	23.10	23.62	23.23	22.96	23.72	25.46

1966

5	20.45	23.47	20.83	23.73	20.24	23.67	24.25	24.68	23.87	20.00	h20.27	.....
10	20.50	20.24	22.37	24.06	21.92	23.80	24.51	25.00	24.02	22.35	.....	15.58
15	22.40	20.00	22.67	21.01	22.38	23.73	24.53	24.20	23.80	.....	.....	19.68
20	23.87	20.84	23.15	22.58	22.73	23.89	24.34	23.95	23.25	.....	.....	20.67
25	23.74	22.00	23.35	23.04	23.42	23.98	24.23	.....	22.97	.....	.....	21.75
Eom	23.75	22.28	23.57	19.95	23.66	24.08	25.05	23.83	20.83	.....	.....	19.54

1967

5	20.70	19.85	20.20	20.83	20.67	21.05	23.70	25.54	.....	.....	.....	.....
10	21.53	21.12	.....	21.27	.....	21.58	23.85	25.75	.....	.....	.....	.....
15	21.85	21.04	.....	21.44	.....	22.08	24.08	26.08	.....	.....	.....	.....
20	22.44	21.43	.....	20.72	19.51	22.54	24.45	26.32	.....	.....	.....	.....
25	22.60	20.80	20.11	19.40	20.40	23.02	24.81	26.70	.....	38.09	.....	.....
Eom	20.95	20.75	20.75	20.35	20.97	23.37	25.81	.....	29.62	.....	38.70	.....

1968

5	22.41	20.29	23.48	17.72	21.52	18.70	22.05	22.72	23.32	25.15	24.55	20.10
10	22.38	21.27	23.35	.....	21.53	19.38	22.44	22.91	23.64	.....	24.82	21.45
15	22.60	22.10	.....	.....	21.51	20.06	22.78	22.78	24.03	.....	25.15	22.15
20	23.33	22.56	.....	.....	21.71	20.38	22.88	22.33	24.53	.....	22.06	22.64
25	.....	23.22	.....	20.85	21.17	21.41	23.05	.....	24.64	.....	23.57	21.95
Eom	20.70	23.13	20.19	21.06	18.15	21.78	22.56	.....	25.06	24.25	20.85	.....

h Tape measurement.

Fayette County

375928N0843620.1. M. A. Kehrt. Lexington. Drilled unused water-table well in Lexington Limestone of Middle and Late Ordovician age, diam 6 in, depth 132 ft, 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, Mar. 12, 1954. Records available: 1954-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.15	12.27	12.60	13.30	.....	e13.50	13.73	13.72	13.87	13.53	14.33	.....
10	11.25	12.19	2.89	13.45	e13.35	e13.55	13.42	13.68	13.90	13.36	14.36	11.93
15	12.30	9.50	8.02	13.53	.....	.....	13.58	14.87	13.98	13.45	14.45	7.61
20	11.30	9.33	9.45	13.20	e13.50	e13.60	13.62	15.00	14.03	14.25	14.03	11.38
25	11.58	11.34	11.63	13.34	13.58	13.68	13.65	13.98	14.06	14.33	.....	8.92
Eom	12.43	12.59	12.83	13.07	e13.48	13.70	13.75	13.77	12.10	14.45	.....	9.50

1965

5	9.04	.....	8.10	9.70	12.85	13.47	13.65	14.20	13.94	14.26	14.25	.....
10	9.50	.....	9.18	11.96	13.27	13.45	13.66	14.17	13.98	14.07	14.20	.....
15	.....	.....	12.00	12.62	13.40	13.53	13.70	14.12	14.08	14.29	14.25	.....
20	.....	.....	9.85	12.13	13.55	13.52	13.90	14.13	14.23	14.32	14.24	14.10
25	10.90	12.05	11.25	12.44	13.36	13.64	13.95	14.00	14.05	14.35	14.19	14.00
Eom	12.10	9.20	7.63	10.45	13.47	13.61	14.08	13.98	14.05	14.20	14.25	13.50

1966

5	13.24	.....	12.25	13.55	8.30	13.52	13.72	14.03	13.69	13.10	.....	12.43
10	12.95	.....	12.71	13.60	11.89	13.55	13.87	14.01	13.75	13.34	10.95	9.81
15	13.26	.....	13.11	9.94	12.67	13.62	13.60	12.90	13.74	14.04	9.47	8.67
20	13.63	.....	13.38	12.35	8.98	13.73	13.77	12.77	12.90	14.40	12.15	11.76
25	.....	12.29	13.46	13.06	11.71	13.74	13.88	12.70	13.32	14.45	12.76	12.86
Eom	.....	12.66	13.45	6.95	13.34	13.91	13.92	13.65	13.68	14.40	12.30	11.50

375928N0843620.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.20	.....	.....	13.11	9.65	12.95	13.98	13.75	13.97	13.49	12.90	8.75
10	13.02	.....	.....	13.39	8.15	13.74	13.86	13.70	13.80	13.63	13.33	11.60
15	13.24	.....	.....	13.40	6.72	13.85	13.97	13.83	13.74	.....	13.46	9.39
20	13.06	.....	.....	13.52	8.45	13.83	13.97	13.80	13.20	.....	13.55	11.00
25	13.23	12.38	11.85	13.15	11.44	.....	13.96	13.90	13.23	.....	13.52	8.73
Eom	12.05	.....	12.92	13.27	13.12	13.87	13.65	13.77	13.30	13.79	12.00	12.10
1968												
5	.....	9.45	13.44	6.43	13.45	10.04	13.58	13.18	.....	13.91	14.18	11.55
10	13.14	12.06	8.77	9.05	13.43	12.84	13.53	13.15	.....	13.66	14.09	12.08
15	13.16	13.06	8.31	12.07	13.40	13.39	13.16	6.74	.....	13.63	14.16	13.08
20	13.34	13.18	8.78	12.80	13.36	13.50	13.30	9.60	.....	13.66	14.23	13.35
25	7.25	13.46	7.74	13.10	10.12	13.30	13.27	13.01	.....	14.01	14.14	12.24
Eom	9.90	13.40	9.02	13.28	8.70	13.52	13.17	.....	13.65	14.14	12.85	9.83

e Estimated.

Franklin County

381628N0845758.1. Alvin Rodgers. Bagdad. Dug unused water-table well in shale and limestone of Late Ordovician age, diam 36 in, depth 22 ft, shored. Lsd about 880 ft above msl. MP top of concrete well cover at 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: 1953-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.17	17.55	14.20	11.88	10.10	12.78	14.08	15.44	.....	.....	17.49	17.50
10	18.13	17.43	10.25	11.95	10.74	12.98	14.29	15.65	.....	.....	17.69	17.40
15	18.05	17.07	11.20	11.97	11.40	13.25	14.48	15.85	.....	.....	17.62	16.46
20	.....	16.50	11.88	11.84	11.90	13.53	14.73	16.07	.....	.....	17.64	16.38
25	.....	16.30	11.97	11.57	12.35	13.68	14.98	16.17	.....	17.32	17.74	15.90
Eom	17.62	16.23	11.53	10.10	12.63	13.85	15.26	16.35	.....	17.39	17.73	15.48
1965												
5	15.00	13.47	10.35	9.45	10.94	12.68	13.93	15.13	.....	.....	17.27	18.04
10	14.80	12.31	.....	9.22	11.35	12.88	14.08	15.27	15.50	.....	17.43	18.10
15	14.38	11.55	.....	9.38	11.57	12.95	14.31	15.44	15.42	.....	17.56	18.16
20	14.29	11.23	.....	9.87	11.90	13.20	11.55	15.50	15.04	16.82	17.75	16.95
25	13.50	.....	10.27	10.08	12.05	13.49	14.74	15.83	.....	16.92	17.93	17.01
Eom	13.28	11.46	9.32	10.48	12.43	13.72	14.95	.....	.....	17.12	18.03	17.09
1966												
5	15.74	15.62	14.28	14.93	11.94	13.01	14.61	15.55	15.82	16.09	16.78	16.97
10	15.23	15.15	14.50	15.09	12.07	13.27	14.73	15.74	15.97	16.12	16.82	15.97
15	15.18	14.23	14.63	14.54	12.33	13.67	14.76	15.68	16.12	16.23	16.87	15.84
20	15.26	14.06	14.75	14.32	12.24	13.88	14.92	15.13	16.17	16.35	16.95	15.78
25	15.37	14.25	14.82	14.12	12.30	14.14	15.14	.....	16.15	16.49	17.05	15.77
Eom	15.50	14.35	14.85	13.00	12.63	.....	15.38	.....	16.11	16.67	.....	15.58
1967												
5	15.56	15.60	15.18	13.01	13.52	13.17	14.56	.....	16.50	17.38	17.76	17.70
10	15.60	15.48	13.18	13.18	12.48	13.49	14.61	.....	16.65	17.43	17.81	17.64
15	15.64	15.45	11.80	13.38	11.75	13.68	14.69	.....	16.78	17.53	17.81	.....
20	15.75	15.39	12.28	13.62	11.90	13.94	14.86	.....	16.94	17.63	17.84	17.23
25	15.84	15.33	12.44	13.68	12.37	14.22	15.06	.....	17.28	17.69	17.88	16.54
Eom	15.84	15.31	12.77	13.83	12.80	14.46	.....	.....	17.32	17.78	17.86	16.45
1968												
5	16.41	14.97	15.62	10.67	12.30	10.95	12.84	13.57	15.37	16.80	17.45	17.72
10	16.40	14.97	15.72	11.85	12.68	11.40	12.94	13.71	15.66	16.85	17.55	17.73
15	16.86	15.12	15.10	11.69	12.67	11.90	13.10	13.95	15.95	16.88	17.65	17.74
20	16.38	15.25	14.77	11.78	12.59	12.32	13.13	14.30	16.21	16.96	17.75	17.75
25	15.68	15.43	12.85	11.94	12.14	12.47	13.30	14.64	16.41	17.11	17.84	17.56
Eom	15.29	15.50	11.97	12.15	10.87	12.70	13.49	15.09	16.22	17.31	17.80	17.30

h Tape measurement.

Fulton County

363024N0885217.1. Fulton Water Works. Norman and Water Sts., Fulton. Drilled unused artesian well in sand of Eocene Series, diam 8 in, depth 130 ft, length of casing unknown. Lsd 363.24 ft above msl. MP base of recorder shelter, 2.00 ft above lsd. Highest water level 3.54 below lsd, Apr. 4, 1968; lowest 13.58 below lsd, Nov. 21, 1947. Records available: 1945, 1947, 1950-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.58	....	5.64	5.46	5.70	6.39	7.24	7.75	7.76	6.91	7.29	6.65
10	6.77	....	5.00	5.46	5.77	6.62	7.05	7.64	7.81	7.00	7.18	6.49
15	6.70	....	5.30	5.50	5.78	6.74	7.16	7.48	7.73	6.96	7.41	6.36
20	6.23	....	5.28	5.43	6.21	6.68	7.29	7.48	7.54	7.10	7.06	6.49
25	6.34	....	5.49	5.39	6.38	7.03	7.22	7.56	7.48	7.09	6.84	6.26
Eom	....	6.30	5.78	5.42	6.12	6.98	7.49	7.67	6.88	7.20	7.15	6.56

36024N0885217.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.40	6.33	5.23	5.00	5.77	6.57	6.42	7.01	6.98	6.57	6.93	6.43
10	6.00	6.05	5.29	4.98	6.06	6.27	6.38	7.14	7.05	6.52	6.67	6.64
15	5.53	5.70	5.29	5.17	6.15	6.27	6.58	7.28	6.62	6.54	6.63	6.53
20	5.64	5.71	....	5.22	6.36	6.46	6.58	7.60	6.98	6.69	6.65	6.45
25	5.68	5.60	5.17	5.36	6.28	6.28	6.83	7.20	6.47	6.69	6.47	6.93
Eom	6.04	5.56	5.27	5.72	6.28	6.77	6.91	7.13	6.43	6.87	6.67	7.31
1966												
5	6.80	6.30	4.78	5.38	4.10	4.46	....	5.50	6.39	6.25	6.27	6.10
10	7.00	5.89	5.15	5.49	4.35	4.50	....	5.54	6.55	6.18	5.92	6.00
15	6.90	5.18	5.07	....	4.24	4.67	....	5.31	6.40	6.19	6.16	5.60
20	6.99	5.15	5.15	....	4.00	4.89	....	5.37	6.27	6.23	6.19	5.40
25	7.30	5.00	5.28	....	4.00	....	5.60	5.39	6.34	6.20	6.00	5.70
Eom	6.28	4.80	5.09	3.95	4.35	....	5.60	6.26	6.16	6.16	6.20	5.25
1967												
5	d5.38	d5.18	d5.01	d5.13	d5.18	d5.31	d5.80	d5.74	d5.85	d6.05	d5.86	d5.09
10	d5.58	d5.24	d4.70	d5.17	d4.93	d5.73	d5.43	d5.54	d5.90	d5.92	d5.75	d4.78
15	d5.90	d5.73	d4.83	d5.15	d4.46	d6.10	d5.17	d5.59	d6.00	d6.05	d5.62	d5.15
20	d5.72	d5.69	d4.73	d5.32	d4.70	d6.14	d5.60	d5.70	d6.07	d5.72	d5.68	d4.83
25	d5.64	d6.12	d4.95	d5.60	d4.87	d5.88	d5.76	d5.79	d5.98	d5.67	d5.54	d4.48
Eom	d5.37	d5.30	d5.07	d5.19	d5.25	d5.77	d5.67	d5.96	d5.86	d5.60	d5.32	d4.71
1968												
5	4.97	4.43	4.84	3.88	4.34	4.57	5.97	9.78	6.87	6.59	6.40	5.66
10	4.97	....	4.72	4.02	4.39	4.98	5.97	7.10	8.55	6.50	6.24	5.71
15	4.73	....	5.02	4.00	4.01	5.20	6.18	6.87	6.93	6.61	6.46	6.00
20	4.79	....	4.66	3.72	4.03	5.16	8.75	7.01	6.66	6.38	6.50	5.80
25	4.62	....	4.27	3.83	4.50	5.53	9.31	7.28	6.69	6.43	6.37	5.88
Eom	4.53	4.68	4.01	4.12	4.37	5.87	9.53	6.95	6.76	6.53	6.05	5.67

d Nearby well pumped recently.

Graves County

365210N0883913.1. J. Whittemore. Near Viola. Drilled unused artesian well in sand of Eocene age, diam 10 in, depth 106 ft, screened 85-105. Lsd 405.65 ft above msl. MP top of concrete flue block, 5.04 ft above lsd. Highest water level 12.92 below lsd, Apr. 3, 1968; lowest 19.24 below lsd, Jan. 10, 1957. Records available: 1951-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.19	17.51	17.60	16.47	16.50	17.22	17.88	18.24	18.45	18.41	18.55	18.35
10	18.36	18.23	16.10	16.50	16.61	17.36	17.80	18.23	18.43	18.48	18.37	18.08
15	18.26	18.00	15.98	16.50	16.88	17.38	18.04	18.30	18.58	18.20	18.55	.....
20	18.10	18.19	15.87	16.33	16.96	17.54	17.93	18.25	18.47	18.46	18.36	.....
25	18.11	18.00	16.19	16.27	17.12	17.78	17.95	18.36	18.51	18.42	18.08	.....
Eom	18.07	18.22	16.50	16.30	17.13	17.84	18.20	18.35	18.32	18.44	18.62	17.70
1965												
5	17.34	16.71	14.97	14.42	15.19	16.29	16.25	17.10	17.65	17.43	17.77	17.60
10	17.07	16.49	15.48	14.25	15.54	16.33	16.12	17.23	17.57	17.45	17.67	17.60
15	16.22	15.89	15.55	14.36	15.76	16.01	16.26	17.32	17.39	17.50	17.68	17.62
20	16.48	15.75	15.93	14.90	16.08	16.38	16.54	17.40	17.54	17.47	17.64	17.31
25	16.20	15.90	15.63	14.80	16.00	16.45	16.65	17.40	17.28	17.73	17.43	17.83
Eom	16.55	15.80	14.77	15.10	16.16	16.61	16.76	17.50	16.99	17.65	17.91	17.50
1966												
5	16.09	16.55	15.48	16.35	14.67	14.97	16.27	±6.83	17.10	17.63	17.59	17.40
10	15.99	15.87	15.92	16.55	15.14	15.26	16.57	16.83	17.25	17.52	17.42	17.20
15	15.72	15.51	15.76	16.16	14.95	15.44	16.64	16.98	17.26	17.47	17.62	16.70
20	16.23	15.82	16.05	15.79	14.45	15.76	16.58	16.98	17.20	17.67	17.53	16.40
25	16.33	15.44	16.20	15.22	14.48	16.01	16.76	17.00	17.35	17.59	17.40	.....
Eom	16.40	15.24	15.92	14.59	14.80	16.07	16.85	17.04	17.35	17.18	17.60	15.94
1967												
5	16.22	15.35	15.20	15.20	15.18	.....	.....	.....	16.14	16.29	16.24	15.30
10	16.31	15.41	14.75	15.58	15.08	.....	.....	.....	16.14	16.51	16.00	14.73
15	16.36	15.53	15.00	15.71	14.65	.....	.....	.....	16.12	16.45	15.97	15.33
20	16.39	15.93	14.75	15.75	14.45	.....	.....	.....	16.20	16.10	15.76	14.64
25	16.35	16.46	14.92	16.00	14.62	.....	.....	.....	16.25	15.80	15.70	14.26
Eom	15.90	15.83	15.30	15.38	.....	.....	.....	.....	16.26	15.75	15.82	14.42
1968												
5	14.98	14.32	14.68	13.35	14.25	13.80	15.23	15.38	.....	16.50	16.47	15.58
10	14.73	14.21	14.93	13.50	14.30	14.00	15.23	15.27	.....	16.61	16.47	15.82
15	14.82	14.60	14.98	13.76	13.75	14.38	15.55	15.50	.....	16.59	16.45	15.80
20	15.38	14.47	14.57	13.41	13.88	14.62	15.61	15.75	.....	16.57	16.85	15.68
25	24.67	15.12	13.88	13.64	13.99	14.60	15.70	.....	.....	16.57	16.72	15.27
Eom	14.75	14.80	13.45	13.80	13.80	15.08	15.48	15.92	16.52	16.62	16.62	15.14

Green County

371555N0853146.1. Paul Gardner. Greensburg. Drilled unused water-table well in limestone of Late Mississippian age, diam 6 in, depth 25 ft, cased to 10. 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: 1958-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	20.75	20.70	17.75	17.82	18.00	18.15	19.97	20.73	20.80	19.90	21.57	14.75
10	20.67	19.49	12.45	17.77	18.17	19.16	20.22	19.70	21.15	20.49	21.71	17.80
15	20.96	17.08	14.50	17.91	18.50	.....	20.03	20.67	21.30	20.74	21.83	17.02
20	17.30	17.39	17.57	17.98	19.61	.....	18.30	20.99	20.73	20.92	17.97	17.80
25	17.92	17.97	17.60	18.07	20.51	18.17	20.49	19.62	21.25	21.20	17.30	e15.50
Eom	19.25	18.12	17.90	17.74	17.92	19.85	20.06	20.67	18.20	21.45	17.87	17.52

1965

5	16.80	17.92	15.60	17.05	17.88	17.82	17.83	20.22	20.00	20.74	20.97	20.78
10	12.73	14.85	17.27	17.37	17.95	17.97	16.01	19.19	20.57	18.95	21.12	20.90
15	17.32	16.80	17.74	17.52	18.10	18.25	17.92	20.36	18.17	20.10	21.28	21.75
20	17.74	17.75	17.85	17.35	18.03	18.95	18.40	20.75	20.15	20.67	21.42	21.04
25	17.52	15.75	16.77	17.75	18.15	19.22	19.18	20.91	.....	20.41	20.78	21.03
Eom	17.71	17.02	15.20	17.67	18.48	17.15	19.56	20.87	20.50	20.86	19.08	21.39

1966

5	17.05	18.09	16.77	18.78	17.43	19.05	20.90	21.38	19.67	18.30	16.75	18.05
10	17.75	17.25	17.90	19.24	17.97	19.22	20.85	21.34	20.13	17.80	13.45	11.65
15	18.03	15.85	17.97	16.50	18.02	19.60	20.67	17.10	19.25	18.55	17.85	17.62
20	18.13	17.72	18.05	17.92	17.98	20.08	21.36	18.07	19.30	18.07	18.08	17.97
25	.....	17.97	18.18	16.25	18.04	20.37	21.40	18.53	20.00	18.45	18.17	18.08
Eom	18.90	17.95	18.42	14.45	18.52	20.72	21.15	19.92	19.44	19.27	17.97	16.90

1967

5	17.97	17.69	17.86	17.98	17.34	18.07	17.93	17.52	19.09	19.44	18.07	17.16
10	18.07	17.95	16.15	17.93	17.70	18.44	14.70	16.00	19.00	19.38	18.44	17.92
15	18.08	18.05	16.85	18.05	13.37	18.97	17.80	18.01	19.25	19.64	18.70	17.28
20	18.11	17.85	17.86	18.14	17.83	19.29	17.99	18.12	19.40	19.31	19.05	17.63
25	.....	17.99	17.89	18.03	17.84	19.00	17.65	18.32	19.40	17.99	17.99	17.25
Eom	17.74	17.29	17.85	17.76	18.01	17.88	16.00	18.69	18.88	19.38	14.89	17.93

1968

5	17.76	17.82	18.61	12.70	18.40	17.89	19.46	19.53	20.68	21.34	21.75	17.82
10	17.87	18.04	18.19	16.92	18.46	18.05	19.72	19.75	20.65	20.63	21.41	18.40
15	17.91	18.15	17.67	17.92	18.11	18.22	19.97	18.35	20.87	21.25	21.57	17.52
20	17.52	18.19	17.62	18.07	18.17	18.38	20.24	19.87	20.70	21.40	21.14	19.11
25	17.58	18.21	13.18	18.20	15.90	19.01	19.90	19.96	21.03	21.46	21.10	18.01
Eom	17.92	.....	17.61	18.25	17.00	19.28	18.66	20.74	21.20	21.64	18.29	17.96

e Estimated.

Greenup County

383854N0825155.1. U.S. Corps of Engineers. Huntington, West Virginia. Well located on a fill area about 1,000 ft south of Greenup Locks and Dam. Drilled unused water-table well in glacial sand and gravel of Quaternary age, diam 6 in, depth 77 ft, screened. Lsd about 547 ft above msl. MP top of casing, .50 ft above lsd. Highest water level 39.82 below lsd, May 30, 1968; lowest 50.51 below lsd, Nov. 8, 1968. Records available: 1967-68.

Water level at noon, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	49.82	48.55
10	49.80	47.95
15	49.85	47.32
20	50.00	48.37
25	49.80	e49.76
Eom	49.70	49.15	48.40

1968

5	48.75	43.33	49.40	44.30	48.83	42.37	48.74	49.60	.....	50.20	50.36	49.50
10	48.76	44.36	49.73	45.18	48.99	45.61	48.98	49.55	.....	50.34	50.34	49.10
15	49.15	47.35	47.40	47.26	48.80	45.67	49.20	49.30	.....	50.35	50.27	49.48
20	e49.12	e48.50	45.29	47.90	47.35	47.48	49.41	49.52	.....	50.30	50.19	49.77
25	e48.94	.....	44.07	48.20	44.45	47.92	49.42	e50.00	.....	50.24	50.19	49.43
Eom	47.60	49.09	44.71	48.42	40.03	48.51	49.55	.....	50.22	50.21	49.67	e49.00

e Estimated.

Harlan County

365157N0831921.1. J. D. White. Harlan. Drilled unused water-table well in Hance Formation of Early 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 17.18 below lsd, Apr. 1, 1965; lowest 32.29 below lsd, Oct. 17, 1961. Records available: 1951-68.

365157N0831921.1--Continued.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.88	28.03	25.85	23.25	22.85	24.20	25.18	25.89	25.51	25.83	25.15	24.83
10	28.96	27.97	25.10	22.63	22.93	24.27	25.30	25.16	25.54	25.50	25.10	24.23
15	28.75	27.70	24.83	22.50	23.30	24.45	25.75	25.55	25.87	25.13	25.50	24.00
20	28.32	27.03	23.75	22.60	23.48	24.70	25.65	25.47	25.93	25.20	25.25	23.40
25	28.30	26.68	23.13	22.54	23.70	24.94	25.75	25.43	26.15	25.15	.....	22.46
Eom	28.25	26.15	23.17	22.55	23.93	25.10	26.08	25.42	26.15	25.10	25.23	22.17
1965												
5	21.95	21.29	20.25	17.80	20.94	23.00	24.45	26.20	27.48	28.40	29.15	29.62
10	21.59	21.21	20.37	17.84	21.43	23.22	24.77	26.37	27.60	28.58	29.25	29.82
15	19.55	21.62	20.25	18.30	21.88	23.36	24.97	26.61	27.16	28.67	29.35	29.86
20	19.74	21.34	20.29	18.78	22.10	23.70	25.38	26.34	27.90	28.71	29.43	29.85
25	19.73	20.85	19.75	19.39	22.30	23.98	25.50	26.99	28.06	29.05	29.57	30.05
Eom	20.85	21.00	17.61	20.49	22.70	24.18	25.72	27.20	28.10	28.95	29.75	30.05
1966												
5	30.05	.....	30.64	30.80	30.58	30.00	29.86	.....	.....	30.12	.....	30.17
10	30.20	.....	30.70	30.88	30.68	30.00	29.99	.....	.....	30.10	.....	.....
15	30.17	.....	30.68	30.75	30.50	29.95	29.95	.....	.....	30.08	.....	.....
20	30.32	30.67	30.80	30.85	30.41	.....	29.97	.....	.....	30.26	30.30	29.90
25	31.32	30.63	30.82	30.85	30.25	.....	.....	.....	.....	30.18	30.25	30.00
Eom	30.53	30.50	30.85	30.75	30.16	29.97	.....	30.05	30.02	.....	30.24	29.74
1967												
5	29.79	28.15	25.61	22.79	.....	.....	.....	24.73	26.27	27.97	.....	29.26
10	29.53	27.77	24.66	22.97	.....	.....	23.75	24.87	26.52	27.60	.....	29.11
15	29.43	27.54	23.60	23.27	.....	.....	24.06	25.24	26.73	.....	.....	.....
20	29.28	27.10	23.34	23.60	.....	.....	24.32	25.30	.....	.....	.....	.....
25	29.07	27.04	22.84	23.99	23.06	.....	.....	25.74	.....	28.00	.....	e28.90
Eom	.....	26.34	23.00	.....	22.14	22.97	24.52	26.04	27.42	28.32	28.77	e28.95
1968												
5	29.13	26.36	25.80	23.20	20.62	22.46	.....	25.94	.....	28.17	28.47	e29.70
10	28.50	25.80	25.66	22.40	20.78	22.70	.....	26.00	.....	28.35	.....	.....
15	25.72	25.84	26.03	21.90	20.93	23.24	.....	26.39	.....	28.45	.....	.....
20	27.50	25.40	25.23	21.61	20.82	23.43	.....	26.65	.....	.....	.....	.....
25	26.77	25.87	24.84	21.43	21.72	23.54	25.84	26.75	27.81	.....	.....	.....
Eom	26.48	25.48	23.92	20.96	22.15	24.16	25.67	.....	28.08	29.03	29.67	.....

e Estimated.

Henderson County

375200N0873429.1. Audie Wilson. Henderson. Drilled unused artesian well in sandstone and shale of Carbon-dale 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, 1952. Records available: 1949-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	40.96	41.14	41.32	34.65	33.78	35.18	36.95	38.23	39.19	39.93	40.54	40.93
10	41.06	41.15	41.05	34.18	33.68	35.52	37.18	38.38	39.32	40.03	40.58	40.94
15	41.07	41.18	40.73	33.97	33.88	35.82	37.40	38.46	39.44	40.13	40.67	40.97
20	41.10	41.20	39.95	33.90	34.12	36.12	37.60	38.74	39.58	40.24	40.73	40.91
25	41.12	41.21	38.28	33.86	34.40	36.42	37.81	h38.88	39.74	40.32	40.80	40.91
Eom	41.13	41.26	35.90	33.81	34.82	36.69	38.02	39.05	39.83	40.41	40.90	40.86
1965												
5	40.82	40.03	e39.00	38.96	36.14	37.24	e38.45	e39.34	40.05	40.54	40.94	41.34
10	40.73	39.97	e38.81	37.65	36.14	37.46	e38.60	e39.50	40.16	40.58	41.01	41.39
15	40.66	39.82	e38.65	e37.25	36.20	37.68	e38.75	e39.65	40.23	40.66	41.06	41.43
20	e40.49	39.63	e38.49	36.89	36.43	37.91	e38.96	e39.75	40.30	40.70	41.10	41.44
25	e40.30	e39.40	38.35	36.54	36.68	38.09	e39.10	e39.87	40.34	40.75	41.20	41.50
Eom	40.16	e39.26	38.23	36.30	36.99	e38.30	e39.22	39.95	40.43	40.87	41.27	41.53
1966												
5	41.60	41.05	39.85	39.10	39.05	37.43	38.47	39.41	40.07	40.60	40.96	41.18
10	41.44	41.07	39.40	39.20	38.77	37.60	38.67	39.54	40.18	40.63	41.05	41.22
15	41.40	41.04	39.14	39.29	38.33	37.75	38.83	39.65	40.26	40.72	41.07	41.09
20	41.35	40.88	39.05	39.30	37.79	37.98	38.96	39.78	40.32	40.76	41.09	41.04
25	41.07	40.58	39.00	39.34	37.45	38.15	h39.15	39.84	40.34	40.82	41.10	41.02
Eom	41.06	40.33	38.99	39.26	37.39	38.32	39.29	39.99	40.56	40.89	41.13	40.77
1967												
5	40.60	40.74	40.84	37.20	36.87	35.34	36.70	38.02	39.01	39.79	40.37	40.72
10	40.56	40.74	40.75	36.78	36.87	35.21	36.96	38.21	39.16	39.91	40.45	40.64
15	40.55	40.75	40.49	36.62	36.71	35.48	37.18	38.37	39.29	40.00	40.54	40.60
20	40.56	40.80	40.03	36.63	36.45	35.78	37.42	38.54	39.42	40.10	40.59	40.47
25	40.63	40.83	39.35	36.75	35.97	36.12	37.61	38.68	39.55	40.20	40.66	40.34
Eom	40.70	40.83	38.36	36.79	35.37	36.10	37.87	38.89	39.68	40.28	40.74	40.19

375200N0873429.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	39.93	39.21	38.37	36.60	36.75	35.87	37.48	38.49	39.25	39.84	40.22
10	.....	39.74	39.30	37.75	36.75	36.02	35.15	37.67	38.62	39.38	39.91	40.24
15	.....	39.61	39.39	37.18	36.91	35.53	36.45	37.85	38.74	39.47	40.00	40.27
20	.....	39.41	39.34	36.70	37.10	35.28	36.70	38.02	38.91	39.56	40.08	40.29
25	40.08	39.24	39.19	36.50	37.12	35.30	36.96	37.19	39.04	39.67	40.13	40.33
Eom	40.07	39.19	38.83	36.47	37.16	35.59	37.25	38.33	39.14	39.76	40.21	40.35

e Estimated.

h Tape measurement.

Hopkins County

372428N0873729.1. 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 top of casing, 0.50 ft above lsd. Highest water level 0.67 below lsd, Apr. 3, 1968; lowest 16.48 below lsd, Dec. 26, 1952. Records available: 1952-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.47	10.85	....	7.29	6.20	7.16	8.96	10.04	10.46	10.38	10.33	10.34
10	10.46	10.85	....	5.83	6.01	7.53	9.18	10.21	10.47	10.28	10.34	10.27
15	10.50	10.96	....	5.17	5.10	7.90	9.40	10.86	10.46	10.26	10.36	.....
20	10.51	11.03	....	5.95	6.36	8.17	9.53	10.93	10.42	10.27	.....	.....
25	10.58	11.16	6.50	5.74	7.05	8.47	9.70	h10.50	10.45	10.29	10.33	.....
Eom	10.72	11.23	7.00	5.42	6.91	8.74	9.90	10.42	10.33	10.31	10.32	9.68

Com	10.12	11.23	1.00	3.42	6.51	8.11	9.80	10.42	10.50	10.52	10.52	9.50
1965												
5	8.40	....	1.77	1.77	4.40	7.43	8.70	9.77	10.38	10.30	10.28	10.17
10	6.15	....	2.25	2.20	5.19	7.64	8.84	9.86	10.37	10.22	10.28	10.17
15	5.18	....	3.02	1.40	5.75	7.78	9.03	10.03	10.28	10.22	10.25	10.13
20	4.65	....	2.87	2.33	6.27	8.04	9.22	10.15	10.33	10.19	10.24	10.15
25	....	2.49	2.60	3.45	6.73	8.30	9.86	10.28	10.26	10.17	10.19	10.18
Eom	....	1.73	2.00	3.18	7.12	8.54	9.60	10.35	10.25	10.23	10.22	10.27

Year	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
1966												
5	8.33	....	2.75	4.71	2.60	5.11	7.56	9.08	9.56	9.95	9.95	9.35
10	6.55	....	3.26	5.14	3.88	5.55	7.97	9.20	9.70	9.96	9.78	7.05
15	6.93	....	3.09	2.24	3.02	5.93	8.32	9.30	9.74	9.97	9.72	6.14
20	7.40	....	3.45	2.14	2.50	6.38	8.59	9.43	9.74	10.03	9.64	6.08
25	7.65	3.66	3.85	1.42	3.05	6.85	h8.78	9.63	9.82	10.07	9.53	6.41
Eom	e7.80	2.50	4.19	1.13	4.42	7.19	8.94	9.76	9.85	10.02	9.43	4.21

1967												
5	4.58	2.25	....	....	2.55	5.49	3.98	5.46	6.34	7.84	7.84	....
10	4.68	3.06	....	....	3.31	5.87	3.07	3.43	6.62	8.00	7.66	....
15	4.93	3.36	....	....	1.24	6.35	3.38	4.20	6.44	8.17	5.73	....
20	5.27	2.92	....	....	2.90	6.65	4.53	4.90	7.19	8.09	5.45	....
25	5.19	....	....	3.22	4.50	4.45	5.05	5.34	7.39	7.94	5.88	1.70
Eom	3.30	....	3.44	2.29	5.25	2.12	5.45	5.90	7.62	7.83	....	2.40

1968												
5	2.84	1.80	4.40	1.44	4.85	3.00	7.00	8.35	8.60	8.70	8.26	4.03
10	3.28	2.47	3.73	2.40	5.23	4.29	7.31	8.39	8.63	8.63	8.16	4.70
15	3.30	3.10	2.00	2.70	3.12	5.10	7.71	8.41	8.68	8.65	8.08	5.02
20	2.68	3.37	1.76	1.40	3.65	5.60	7.92	8.60	8.68	8.53	8.18	5.35
25	1.69	4.11	1.13	3.20	4.27	5.94	8.12	8.65	8.65	8.37	8.18	4.11
Eom	1.19	4.84	1.00	4.05	3.58	6.56	8.27	8.65	8.72	8.32	6.50	2.80

e Estimated.

h Tape measurement.

Jefferson County

380606N0855313.1. 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: 1945-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	39.54	39.44	39.50	36.85	35.50	35.65	36.76	37.85	38.67	39.12	39.44	39.90
10	39.63	39.50	h38.95	36.57	35.33	35.76	36.98	38.03	38.76	39.18	39.52	39.95
15	39.55	39.40	.....	36.29	35.23	35.94	37.16	38.20	38.87	39.19	39.62	39.98
20	39.48	39.52	.....	36.00	35.17	36.15	37.30	38.32	38.96	39.23	39.69	39.93
25	39.55	39.38	37.26	35.84	35.30	36.35	37.44	38.48	39.02	39.28	39.74	39.98
Eom	39.48	39.40	37.21	35.67	35.52	36.54	37.67	38.59	39.09	39.35	39.82	40.01

380606N0855313.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	39.89	39.34	38.53	37.82	36.80	37.07	38.10	38.86	39.60	39.87	40.14	40.33
10	39.85	39.11	38.58	37.78	36.68	37.24	38.23	38.95	39.72	39.91	40.18	40.39
15	39.67	39.14	38.40	37.49	36.66	37.39	38.35	39.04	39.81	39.96	40.25	40.43
20	39.60	39.07	38.27	37.52	36.72	37.54	38.49	39.16	39.85	40.01	40.30	40.44
25	39.52	h38.67	38.10	37.21	36.78	37.73	38.60	39.30	39.86	40.07	40.33	40.47
Eom	39.45	38.83	38.00	37.04	36.93	37.93	38.74	39.46	39.85	40.10	40.32	40.51
1966												
5	40.48	40.67	40.16	39.79	39.56	39.11	39.44	39.92	39.71	39.57	39.56	39.28
10	40.49	40.59	40.09	39.82	39.45	39.11	39.54	39.97	39.68	39.58	39.54	39.20
15	40.49	40.62	39.96	39.79	39.38	39.12	39.60	40.00	39.66	39.56	39.46	39.14
20	40.55	40.66	39.92	39.71	39.26	39.15	39.66	39.92	39.65	39.56	39.52	39.99
25	40.58	40.40	39.89	39.67	39.15	39.20	39.74	39.85	39.63	39.57	39.46	39.86
Eom	40.64	40.26	39.77	39.57	39.13	39.31	39.86	39.74	39.58	39.57	39.38	39.61
1967												
5	38.49	38.00	37.47	36.07	35.55	33.74	33.19	33.45	33.80	34.02	34.22	34.29
10	38.36	37.90	37.35	35.92	35.41	33.44	33.17	33.49	33.83	34.05	34.24	34.22
15	38.30	37.82	37.12	35.70	35.21	33.30	33.21	33.56	33.87	34.09	34.26	34.26
20	38.28	37.76	36.81	35.53	34.95	33.27	33.25	33.60	33.91	34.12	34.27	34.13
25	38.24	37.72	36.62	35.50	34.57	33.25	33.28	33.67	33.95	34.13	34.26	33.93
Eom	38.19	37.55	36.39	35.50	34.10	33.20	33.37	33.74	33.98	34.18	34.26	33.94
1968												
5	33.90	33.68	33.21	32.67	31.86	31.61	30.89	31.28	31.78	32.22	32.63	32.87
10	33.81	33.54	33.19	32.59	31.87	31.44	30.90	31.36	31.85	32.29	32.68	32.96
15	33.72	33.49	33.28	32.33	31.85	31.24	30.97	31.45	31.93	32.36	32.74	32.94
20	34.72	33.31	33.14	32.15	31.89	31.04	31.02	31.54	32.00	32.42	32.81	32.94
25	34.65	33.34	33.10	31.99	31.89	30.89	31.10	31.62	32.06	32.49	32.85	32.90
Eom	34.66	33.25	32.87	31.89	31.79	30.88	31.19	31.71	32.15	32.58	32.89	32.98

h Tape measurement.

380852N0855159.1. Mrs. Ethel Waller. Waller Lane. 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 ms1. MP 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: 1943-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1964	45.52	Mar. 29, 1965	45.64	June 24, 1966	45.30	Sept. 22, 1967	45.40
Feb. 24	45.72	Apr. 28	45.45	July 28	45.22	Oct. 20	45.36
Mar. 23	45.68	May 28	45.34	Sept. 12	45.18	Nov. 20	45.44
Apr. 24	45.44	June 28	45.24	23	45.19	Jan. 22, 1968	45.59
May 22	45.34	July 29	45.15	Oct. 24	45.33	Feb. 23	45.65
June 19	45.20	Aug. 30	45.20	Nov. 25	45.45	Mar. 22	45.59
July 20	45.04	Sept. 24	45.23	Dec. 27	45.59	Apr. 24	45.37
Aug. 21	44.94	Oct. 25	45.34	Jan. 26, 1967	45.65	May 24	45.20
Sept. 21	45.00	Nov. 26	45.39	Feb. 21	45.80	June 24	45.03
Oct. 12	45.05	Dec. 27	45.57	Mar. 23	45.92	July 26	44.88
23	45.10	Jan. 28, 1966	45.68	Apr. 20	45.97	Aug. 28	44.71
Nov. 20	45.20	Feb. 28	45.70	May 22	45.92	Sept. 23	44.62
Dec. 30	45.36	Mar. 25	45.82	June 23	45.77	Oct. 21	44.58
Jan. 22, 1965	45.47	Apr. 18	45.79	July 24	45.50	Nov. 21	44.59
Feb. 25	45.66	May 23	45.50	Aug. 22	45.49	Dec. 20	44.71

381638N0854158.1. 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 ms1. MP top of coupling, 0.91 ft above lsd. Highest water level 3.71 above lsd, Mar. 13, 1967; lowest 19.61 below lsd, Feb. 13, 1948. Records available: 1946-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-16.04	-15.51	-14.96	-13.16	-13.69	.....	e-15.56	-15.82	-15.87	-15.74	-15.86	-15.59
10	15.74	15.49	h7.98	12.75	14.36	.....	e15.60	15.90	15.74	15.74	15.89	15.49
15	15.74	15.44	.....	.....	14.89	.....	e15.64	15.97	15.89	15.71	15.92	15.26
20	15.76	15.39	.....	14.00	15.09	15.39	e15.67	16.03	15.96	15.72	15.82	15.36
25	15.59	15.36	.....	11.69	.....	15.49	15.82	15.90	15.79	15.82	15.59	15.54
Eom	15.53	15.59	.....	12.64	.....	e15.54	15.79	15.94	15.58	15.89	15.57	15.24
1965												
5	-14.92	-15.33	-13.91	-12.04	-14.04	-15.41	-15.81	-16.18	-15.92	-15.81	-15.85	-15.86
10	15.21	14.96	13.54	13.36	e14.37	.....	15.87	16.04	15.98	15.61	15.84	15.89
15	14.07	12.43	14.24	10.86	e14.62	.....	15.82	15.95	15.83	15.84	15.83	15.81
20	14.96	13.94	14.46	12.43	e14.87	.....	15.84	16.06	15.87	15.80	15.80	15.56
25	15.14	.....	14.69	13.59	e15.14	h15.49	15.82	16.02	15.72	15.87	15.84	15.81
Eom	14.69	14.41	10.45	12.49	15.42	15.80	16.18	15.98	15.69	15.82	15.73	15.80

381638N0854158.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-14.84	-15.83	-13.58	-15.36	-7.29	-15.10	-15.74	-15.91	-15.84	-15.79	-15.84	-15.79
10	14.36	15.02	14.03	15.38	10.56	15.32	15.73	15.97	.....	16.00	15.76	15.21
15	14.93	11.34	14.49	14.81	12.82	15.46	15.65	15.71	.....	15.89	15.62	12.24
20	15.24	6.99	14.81	14.84	13.60	e15.52	15.86	15.75	.....	15.89	15.75	13.95
25	15.39	e11.12	14.99	14.76	14.26	15.72	15.82	15.73	15.85	15.91	15.83	14.83
Eom	15.69	e12.43	15.24	13.09	14.79	15.66	15.94	15.75	15.85	15.87	15.89	15.01
1967												
5	j-15.16	j-15.24	j-15.44	j-11.97	j-14.27	j-13.74	j-15.36	j-15.67	j-15.87	j-15.98	j-15.74	j-15.41
10	j15.37	j15.34	.....	j13.04	j12.24	j14.39	j15.42	j15.71	j15.90	j15.91	j15.77	j15.34
15	j15.45	j15.46	j13.71	j14.02	j10.45	j14.79	j15.46	j15.79	j15.95	j16.01	j15.75	j15.27
20	j15.49	j15.44	.....	j14.33	j7.34	j14.99	j15.43	j15.81	j15.97	j16.03	j15.78	j15.35
25	j15.54	j15.44	j-6.59	j14.51	j10.06	j15.07	j15.57	j15.86	j16.05	j15.89	j15.86	.....
Eom	j15.49	j15.45	j10.88	j14.56	j12.40	j15.21	j15.60	j15.84	j16.03	j15.83	j15.73	.....
1968												
5	.....	-12.99	-15.43	-11.99	-14.96	-6.09	-14.94	-15.68	-15.92	-16.02	-15.91	.....
10	.....	13.44	15.44	10.99	15.05	11.29	15.21	15.65	15.91	15.97	15.91	.....
15	.....	14.47	e14.89	13.26	15.05	12.76	15.42	15.66	15.98	15.94	15.94	.....
20	.....	14.66	e13.59	13.97	15.05	13.79	15.49	15.75	15.97	15.88	15.95	-15.72
25	-15.40	15.22	11.39	14.44	13.14	14.67	15.60	15.80	15.97	15.94	.....	15.62
Eom	15.29	15.32	11.79	14.69	.....	.....	15.64	15.93	15.97	15.94	.....	15.40

e Estimated.

h Tape measurement.

j Affected by barometric pressure or other adverse conditions.

381503N0854533.1. Kentucky Hotel. Fifth 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 shelter floor, 22.86 ft below lsd. Highest water level 66.28 below lsd, Apr. 1, 1965; lowest 87.74 below lsd, Sept. 23, 1955. Records available: 1948-68. Well is in sub-basement of Kentucky Hotel.

Water level at noon, from recorder graph, 1964

Water level from moon from Redwood Graber 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	69.73	68.74	.....	66.96	70.19	72.46	e75.44	77.23	.....	.....	71.74	69.66
10	69.62	68.59	.....	68.23	69.83	73.09	75.69	76.99	.....	.....	71.46	69.40
15	69.39	68.38	67.54	68.41	69.91	73.76	75.93	77.41	.....	.....	71.40	69.21
20	69.26	68.27	67.70	69.00	70.21	74.31	76.21	77.53	h77.44	.....	70.96	68.96
25	69.08	68.09	68.71	69.58	72.01	74.86	.....	77.58	.....	h72.93	70.32	68.73
Eom	68.88	.....	68.35	69.72	72.51	75.11	77.03	.....	.....	71.92	69.97	68.63
1965												
5	68.43	67.44	66.77	66.29	69.96	71.96	75.23	75.01	77.51	74.61	72.79	70.44
10	68.34	67.32	66.72	68.61	71.45	73.86	75.11	76.36	77.22	74.11	72.54	70.53
15	68.06	67.27	66.60	68.81	72.05	73.10	75.63	76.54	77.66	73.71	72.11	71.60
20	67.91	67.13	66.61	69.09	72.99	72.99	75.68	76.81	77.81	73.89	71.65	71.54
25	67.74	.....	66.39	70.23	72.49	74.57	76.31	77.33	76.41	73.62	71.24	70.38
Eom	67.60	66.91	66.36	69.26	71.76	74.86	75.32	76.33	75.36	72.81	70.84	69.86
1966												
5	69.57	68.67	69.26	69.10	69.56	70.66	73.41	75.56	75.27	75.01	71.81	69.99
10	69.30	68.28	69.21	69.36	69.52	71.13	73.80	75.44	75.73	74.76	71.63	70.17
15	69.05	68.25	69.38	69.43	69.16	72.17	74.26	75.16	75.73	75.19	71.01	69.71
20	68.88	68.02	69.36	68.76	69.63	72.34	74.89	75.41	75.66	73.62	70.83	69.39
25	68.61	67.99	68.38	68.52	70.33	72.77	75.01	75.36	75.82	72.96	70.46	69.11
Eom	69.85	69.06	67.86	69.06	70.54	73.09	75.26	75.44	75.57	72.36	70.36	68.71
1967												
5	68.52	67.61	66.85	67.96	68.82	c70.16	.....	c75.06	c73.93	c74.01	d71.18	69.01
10	68.36	67.33	66.83	68.18	68.48	c71.06	.....	c74.11	c74.16	d73.01	70.56	68.85
15	68.61	67.16	67.51	68.61	68.55	c71.62	.....	c74.06	c74.41	d72.14	70.21	68.76
20	67.90	67.09	66.89	68.57	68.78	c72.11	.....	c74.11	c74.01	c73.05	69.89	68.67
25	67.99	66.97	67.11	68.18	68.91	c72.56	c73.56	c74.18	c73.34	c73.10	69.59	68.43
Eom	67.80	66.80	67.74	68.01	69.98	c72.68	c73.88	c74.24	c73.13	d71.66	69.82	68.15
1968												
5	67.98	67.29	66.30	66.86	68.75	69.26	71.96	73.19	73.32	.....	70.30	68.00
10	67.79	67.13	66.36	67.06	69.21	70.36	72.06	73.36	74.03	.....	69.70	67.23
15	67.61	66.98	66.29	67.20	69.86	70.98	72.36	73.49	73.24	.....	69.13	67.54
20	67.48	66.73	66.41	68.04	68.94	71.46	72.76	73.57	74.16	e72.50	68.76	67.11
25	67.40	66.55	66.36	67.61	69.11	71.89	73.11	73.83	74.27	71.61	68.47	e66.92
Eom	67.36	66.42	67.12	67.39	68.86	71.90	73.15	74.01	73.95	70.37	68.36	66.77

c Nearby well being pumped.

d Nearby well pumped recently.

e Estimated.

h Tape measurement.

381454N0854652.1. American Tobacco Co. Seventeenth 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 80.74 below lsd, Apr. 20, 1966. Records available: 1945, 1950-68.

381453N0854652.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1964	77.76	Apr. 28, 1965	79.59	July 28, 1966	78.11	Oct. 20, 1967	76.81
Feb. 24	77.94	May 28	79.74	Sept. 12	76.98	Nov. 20	76.76
Mar. 23	78.08	June 28	79.60	23	76.81	Jan. 22, 1968	75.69
Apr. 24	77.95	July 29	79.25	Oct. 24	76.51	Feb. 23	75.78
June 19	77.95	Aug. 30	79.32	Nov. 25	76.20	Mar. 22	75.65
July 20	76.97	Sept. 24	79.80	Dec. 27	75.97	Apr. 25	75.21
Aug. 21	76.92	Oct. 25	80.03	Jan. 26, 1967	76.50	May 24	75.27
Sept. 21	78.39	Nov. 26	80.09	Feb. 21	77.12	June 24	74.88
Oct. 13	78.85	Dec. 27	80.00	Mar. 24	77.44	July 26	73.64
23	79.04	Jan. 28, 1966	80.05	Apr. 20	77.51	Aug. 28	73.88
Nov. 20	79.35	Feb. 28	79.97	May 22	77.55	Sept. 23	73.68
Dec. 30	79.35	Mar. 25	79.84	June 23	77.74	Oct. 21	73.82
Jan. 22, 1965	79.35	Apr. 20	80.74	July 24	77.20	Nov. 21	73.95
Feb. 26	79.53	May 23	79.84	Aug. 22	75.71	Dec. 20	73.43
Mar. 29	79.40	June 24	79.37	Sept. 22	76.53		

381246N0854706.1. Joseph E. Seagram and Sons Co. Seventh St. Rd. at Wathen Lane. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 103 ft, screened. 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: 1943-68

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	69.16	68.95	69.20	67.91	67.65	67.40	68.17	67.85	66.57	67.77	66.57	65.53
10	69.20	68.93	67.91	67.95	67.59	67.17	68.00	67.25	67.16	67.25	66.13	65.58
15	69.32	68.85	68.42	67.94	67.40	67.73	68.18	65.55	67.40	67.15	65.90	65.95
20	69.33	69.10	68.25	67.85	67.37	67.50	68.05	63.50	67.55	67.10	65.87	65.70
25	69.10	69.17	68.17	67.87	68.17	67.36	67.97	62.48	67.29	67.04	65.67	66.38
Eom	69.03	69.23	68.08	67.79	67.40	68.20	67.78	64.55	67.67	66.81	65.58	67.13

1965

5	67.26	67.74	68.15	66.75	66.70	66.50	65.74	63.35	65.50	66.47	67.72	66.27
10	67.27	67.95	67.05	66.93	66.67	67.05	67.24	62.82	65.36	66.35	67.21	67.85
15	67.62	67.40	67.00	66.64	67.23	66.59	67.40	56.95	65.76	67.10	67.23	67.78
20	67.63	68.48	68.04	66.37	66.80	65.92	67.03	57.10	65.81	67.00	67.20	67.45
25	67.40	.....	67.55	65.57	67.14	66.70	66.76	62.92	66.50	67.07	66.87	66.64
Eom	67.19	67.18	67.40	65.81	65.82	66.81	65.55	63.65	66.69	67.15	67.47	67.65

1966

5	67.50	68.17	68.28	67.92	68.15	68.12	67.80	64.18	67.57	67.82	67.10	66.85
10	67.15	68.15	68.15	67.31	67.93	67.85	68.06	65.10	67.90	67.57	66.98	66.69
15	67.95	68.22	67.95	68.00	67.50	68.16	68.02	65.91	67.75	68.24	67.00	66.62
20	67.99	67.70	67.40	67.90	68.45	68.20	67.87	67.05	67.68	67.95	66.75	66.22
25	67.75	68.34	68.02	67.65	68.32	68.20	67.89	67.30	67.11	67.83	66.95	65.52
Eom	67.93	68.02	68.19	68.44	68.17	68.03	65.05	67.56	68.00	67.55	66.90	66.32

1967

5	65.94	66.92	64.50	66.90	65.62	65.18	65.66	63.52	64.40	65.17	64.79	65.57
10	65.72	65.86	65.52	65.40	65.52	65.70	65.33	62.56	63.71	65.24	65.90	64.90
15	64.70	65.60	65.35	65.88	65.15	65.91	65.90	62.60	65.01	64.45	65.80	66.07
20	65.88	65.03	65.66	65.75	65.40	65.63	66.22	61.82	64.80	65.79	65.42	64.30
25	65.65	65.56	66.21	65.31	65.75	64.65	65.61	63.10	64.65	65.85	65.85	62.65
Eom	65.57	65.35	66.13	64.05	65.65	65.81	65.37	64.12	65.00	65.75	66.05	63.05

1968

5	66.48	65.30	65.73	66.27	66.65	66.45	65.65	66.30	66.38	65.90	66.55	66.53
10	66.34	66.40	66.65	66.12	65.93	65.80	66.30	66.17	66.05	65.74	66.10	66.24
15	66.40	66.25	66.62	66.30	65.88	66.10	66.59	66.13	66.35	65.37	66.83	66.45
20	.....	65.95	66.95	66.58	65.80	66.96	66.86	66.00	66.20	66.35	66.70	65.22
25	66.25	66.05	66.50	66.57	67.03	66.50	66.65	66.25	66.85	66.10	66.96	66.27
Eom	66.14	66.20	66.50	65.70	65.90	65.35	66.42	66.54	66.70	66.00	66.27	66.95

c Nearby well being pumped.

d Nearby well pumped recently.

381034N0855026.1. 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: 1945-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.01	29.15	29.30	28.49	28.24	28.13	28.18	28.34	28.49	28.65	28.81	28.98
10	29.05	29.23	29.00	28.46	28.20	28.14	28.20	28.35	28.51	28.67	28.83	29.00
15	29.07	29.18	28.76	28.43	28.18	28.13	28.22	28.38	28.54	28.69	28.87	29.01
20	29.11	29.27	28.65	28.37	28.16	28.14	28.23	28.41	28.57	28.72	28.89	29.00
25	29.12	.....	28.61	28.31	28.16	28.16	28.25	28.43	28.61	28.75	28.90	29.03
Eom	29.14	29.31	28.55	28.28	28.14	28.17	28.31	28.47	28.63	28.78	28.96	29.07

381034N0855026.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.08	29.20	29.13	28.95	28.80	28.79	28.89	29.03	29.18	29.23	e29.31	29.41
10	29.11	29.23	29.14	28.90	28.79	28.80	28.91	29.05	29.20	29.24	e29.31	29.43
15	29.09	29.20	29.11	28.88	28.79	28.81	28.93	29.07	29.19	29.25	e29.32	29.46
20	29.14	29.18	29.11	28.86	28.79	28.83	28.96	29.10	29.20	29.26	e29.33	29.47
25	29.14	h29.22	29.06	28.81	28.79	28.85	28.98	29.12	29.20	29.28	e29.34	29.51
Fom	29.19	29.17	29.00	28.82	28.79	28.88	29.01	29.16	29.20	29.29	29.40	29.53
1966												
5	29.45	29.58	29.44	29.39	29.13	28.62	28.46	28.46	28.55	28.72	28.87	28.99
10	29.46	29.54	29.42	29.41	29.04	28.58	28.45	28.47	28.58	28.73	28.89	29.01
15	29.46	29.47	29.41	29.36	e28.93	28.54	28.44	28.50	28.61	28.76	28.91	29.03
20	29.50	29.48	29.42	29.37	e28.33	28.52	28.44	28.52	28.62	28.79	28.93	29.04
25	29.52	29.43	29.40	29.35	28.74	28.49	28.43	28.53	28.66	28.81	28.94	29.07
Fom	29.55	29.40	29.38	29.22	28.67	28.47	28.45	28.54	28.68	28.82	28.98	29.09
1967												
5	29.13	29.25	29.42	29.40	29.39	29.16	29.12	29.06	29.05	29.13	29.25	29.32
10	29.16	29.29	29.41	29.44	29.34	29.14	29.10	29.06	29.05	29.15	29.26	29.32
15	29.18	29.32	29.48	29.44	29.31	29.14	29.10	29.04	29.06	29.16	29.29	29.34
20	29.19	29.36	29.39	29.44	29.26	29.14	29.08	29.04	29.08	29.18	29.30	29.33
25	29.23	29.40	29.40	29.45	29.20	29.14	29.07	29.04	29.10	29.20	29.31	29.28
Fom	29.26	29.41	29.42	29.44	29.18	29.13	29.07	29.05	29.11	29.22	29.35	29.29
1968												
5	29.30	29.29	29.24	29.05	28.73	28.67	28.48	e28.48	28.48	28.59	28.70	28.82
10	29.30	29.27	29.27	28.94	28.70	28.55	28.47	e28.49	28.49	28.61	28.72	28.84
15	29.31	29.26	29.29	28.90	28.67	28.53	28.47	e28.49	28.51	28.63	28.73	28.86
20	29.33	29.25	29.28	28.83	28.66	28.56	28.47	e28.48	28.54	28.64	28.77	28.88
25	29.32	29.26	29.17	28.80	28.64	28.48	28.47	e28.47	28.55	28.65	28.80	28.89
Fom	29.33	29.26	29.12	28.74	28.61	28.49	e28.48	28.47	28.57	28.68	28.82	28.89

e Estimated.

h Tape measurement.

381315N0855026.1. National Carbide Corp. Bells Lane. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 108 ft, screened 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 87.29 below lsd, Nov. 13, 1964. Records available: 1956-68.

Water level at noon, from recorder graph, 1964

water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	83.02	82.36	80.70	74.36	74.14	74.90	76.93	80.50	85.16	86.60	83.79	85.40
10	82.85	82.17	79.63	74.21	74.07	75.16	77.11	79.68	85.00	86.70	87.35	84.78
15	82.76	81.97	80.48	74.09	74.15	75.38	77.20	83.65	.....	87.00	85.55	84.20
20	82.73	81.82	79.41	74.27	74.28	75.68	76.28	84.46	.....	86.25	85.65	83.73
25	82.63	81.71	77.42	74.38	74.32	76.01	77.75	84.70	86.74	86.15	85.75	83.20
Eom	82.56	81.63	75.53	74.26	74.60	76.50	80.45	85.30	85.20	86.20	86.07	82.94
1965												
5	82.49	80.44	78.14	77.10	75.70	77.80	79.24	79.81	.....	81.27	80.25	81.20
10	82.26	80.04	78.21	76.86	75.94	78.04	79.40	79.96	.....	81.64	80.39	81.10
15	81.69	79.75	77.86	76.53	76.24	78.32	79.52	80.20	.....	81.13	80.60	81.11
20	81.26	78.00	77.60	76.51	76.53	78.54	79.60	80.79	.....	80.80	80.80	81.27
25	80.76	h78.47	77.73	76.17	76.85	78.80	79.50	81.16	81.55	80.64	.....	81.64
Eom	80.60	78.35	77.34	75.75	77.40	79.03	79.65	80.15	80.90	80.39	81.18	81.71
1966												
5	81.74	80.10	78.29	78.55	79.05	77.50	78.36	79.24	79.82	81.15	81.86	81.20
10	81.77	80.43	77.89	78.71	78.64	77.70	78.60	79.30	79.86	81.34	81.96	81.22
15	81.24	80.38	77.90	78.95	78.00	77.75	78.85	79.44	80.11	81.40	81.75	80.76
20	80.75	79.71	77.86	79.00	77.67	77.75	79.06	79.55	80.50	81.50	81.70	80.24
25	80.35	79.21	78.02	79.25	77.50	77.92	79.10	79.66	80.70	81.59	81.57	79.92
Eom	80.14	78.61	78.30	79.26	77.46	78.14	79.18	79.81	80.90	81.70	81.40	79.93
1967												
5	c79.89	c79.75	c79.95	74.78	75.16	73.14	75.26	73.75	c77.70	c78.87	80.52	78.80
10	c79.75	c79.60	c79.84	74.86	75.30	73.52	75.53	c76.94	c77.75	c79.27	80.28	77.53
15	c80.06	c69.61	c79.70	74.76	75.03	73.55	75.87	c77.10	c77.65	c79.25	80.28	77.31
20	c79.92	c79.80	c78.01	74.80	74.51	73.76	76.16	c77.22	c77.92	79.88	80.03	77.05
25	c80.00	c79.93	76.43	75.08	73.73	74.40	73.36	c77.40	c78.20	80.26	78.92	.....
Eom	c79.96	c79.94	75.18	74.98	73.15	74.85	73.65	c77.66	c78.41	80.39	79.01	.....
1968												
5	c77.15	77.00	c76.78	c75.92	c75.68	c74.35	c73.22	c75.02	c76.63	c77.14	c77.03	c77.27
10	c77.19	c76.99	c77.08	c75.55	c75.68	c72.40	c73.40	c75.26	c76.68	c77.17	c77.01	c77.15
15	c77.35	c76.95	c77.16	c75.38	c75.69	c72.95	c73.67	c75.47	c76.75	c77.10	c76.91	c77.00
20	c77.29	c76.85	c77.17	c75.20	c75.75	c72.89	c74.05	c75.75	c76.75	c77.13	c77.11	c76.97
25	c77.33	c76.75	c76.90	c75.39	c75.51	c72.79	c74.39	c76.16	c77.00	c77.11	c77.11	c77.05
Eom	c77.10	c76.73	c76.26	c75.46	c75.24	c73.03	c74.75	c76.42	c77.08	c77.05	c77.21	c76.95

c Nearby well being pumped.

h Tape measurement.

381157N0855102.1. Rubber Reserve Co. Shanks Lane. Drilled observation water-table well in glacial sand and gravel, diam 6 in, depth 112 ft, length of casing unknown. 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: 1945-68.

381157N0855102.1--Continued.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	55.10	55.29	55.68	55.45	54.90	54.07	.....	53.52	53.66	54.04	54.42	54.75
10	55.15	55.36	55.76	55.40	54.77	53.97	.....	53.51	53.70	54.11	54.46	54.77
15	55.18	55.29	55.57	55.31	54.65	53.86	.....	53.55	53.78	54.20	54.52	54.79
20	55.25	55.44	55.69	55.20	54.51	53.76	53.52	53.51	53.82	54.23	54.56	54.88
25	55.25	55.45	55.46	55.13	54.35	.....	53.51	53.56	53.90	54.29	54.61	e54.91
Eom	55.29	55.49	55.55	55.03	54.21	.....	53.51	53.63	53.97	54.36	54.67	e54.95
1965												
5	e54.97	55.15	55.18	55.05	54.80	54.41	54.23	54.33	54.56	54.67	54.81	54.85
10	e55.00	55.21	55.27	.....	54.74	54.35	54.24	54.37	54.58	54.71	54.83	54.83
15	e55.03	55.19	.....	.....	54.68	54.31	54.24	54.39	54.62	54.72	54.82	54.83
20	e55.06	55.18	.....	.....	54.61	54.26	54.27	54.43	54.61	54.73	54.83	54.80
25	55.06	h55.36	.....	.....	54.55	54.25	54.29	54.46	54.63	54.75	54.85	54.82
Eom	55.12	55.24	55.10	54.85	54.48	54.25	54.30	54.50	54.63	54.79	54.87	54.75
1966												
5	54.68	54.64	54.53	54.28	54.11	53.83	53.52	.....	53.67	53.94	54.21	54.40
10	54.76	54.41	54.46	54.25	54.11	53.78	53.50	.....	53.71	53.99	54.27	54.45
15	54.71	54.56	54.43	54.21	54.06	53.71	53.50	.....	53.76	54.05	54.28	54.43
20	54.69	54.59	54.40	54.20	54.01	53.66	53.51	.....	53.79	54.06	54.31	54.44
25	54.69	54.51	54.34	54.18	53.96	53.61	53.51	.....	53.84	54.12	54.36	54.46
Eom	54.66	54.46	54.29	54.05	53.91	53.56	53.53	53.65	53.90	54.17	54.39	54.42
1967												
5	54.46	54.31	54.34	54.26	53.89	53.30	52.63	52.30	52.21	52.23	52.42	52.61
10	54.43	54.32	54.28	54.27	53.77	53.18	52.54	52.28	52.21	52.28	52.44	52.62
15	54.43	54.33	54.54	54.21	53.76	53.06	52.50	52.26	52.20	52.28	52.49	52.67
20	54.42	54.35	54.29	54.13	53.64	52.94	52.42	52.25	52.21	52.30	52.52	52.70
25	54.41	54.41	54.31	54.08	53.52	52.81	52.37	52.23	52.22	52.33	52.56	52.71
Eom	54.39	54.38	54.32	53.97	53.41	52.73	52.32	52.23	52.22	52.37	52.45	52.81
1968												
5	52.87	52.97	53.00	53.05	52.77	52.38	52.10	51.75	51.66	52.83	51.86	52.02
10	52.90	52.97	53.00	52.95	52.61	52.34	52.02	51.71	51.67	51.83	51.87	52.07
15	52.94	53.01	53.03	52.92	52.55	52.30	51.97	51.71	51.67	51.83	51.88	52.09
20	52.97	52.98	53.02	52.83	52.50	52.26	51.91	51.69	51.80	51.84	51.93	52.20
25	52.95	53.07	52.95	52.78	52.47	52.20	51.86	51.69	51.79	51.84	51.95	52.24
Eom	52.96	53.05	52.98	52.72	52.41	52.15	51.80	51.66	51.81	51.85	52.00	52.32

e Estimated.

h Tape measurement.

Johnson County

374610N0824530.1. Kentucky Water Co. Van Lear. Drilled unused artesian and water-table well in Breathitt Formation of Early and Middle Pennsylvanian age, diam 6 in, depth 115 ft, length of casing unknown. Lsd about 630 ft above msl. MP bottom of recording base, 3.42 ft above lsd. Highest water level 24.19 below lsd, Oct. 22, 1968; lowest 28.81 below lsd, Oct. 29, 1963. Records available: 1951-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	28.02	27.35	26.83	27.52	27.45	28.05	28.46	27.82	27.91	27.18	27.90	26.80
10	27.15	26.90	26.05	27.10	27.65	28.18	28.48	27.79	27.96	28.21	27.94	26.80
15	27.12	26.56	26.10	27.17	27.87	28.16	28.12	27.55	28.19	28.42	28.06	26.56
20	27.08	26.35	26.32	26.98	27.94	28.20	27.68	27.60	28.21	28.62	27.83	26.75
25	26.95	26.70	26.56	26.85	28.00	28.39	27.86	27.61	28.39	27.90	28.10	26.71
Eom	27.31	26.93	27.22	27.16	28.12	28.45	27.97	27.79	27.95	27.78	27.31	26.37
1965												
5	26.22	27.16	26.36	26.30	26.55	27.15	27.61	27.48	28.10	27.95	27.79	27.74
10	26.08	26.70	26.46	26.17	26.46	27.23	27.76	27.77	29.07	27.93	27.73	27.93
15	26.02	26.77	26.71	26.26	26.87	27.37	27.72	27.72	27.87	27.74	27.76	27.86
20	26.46	26.84	26.54	26.49	26.95	27.51	27.64	27.84	28.01	27.71	27.79	27.83
25	26.72	26.71	26.35	.....	26.90	27.88	27.10	27.71	28.03	27.82	27.91	27.89
Eom	26.86	26.68	25.90	26.23	27.23	27.70	27.19	27.88	27.95	27.63	27.91	27.85
1966												
5	27.49	27.73	26.34	27.43	25.91	27.85	28.35	26.95	27.42	.....	26.79	26.90
10	27.24	27.08	26.58	27.54	26.67	27.87	28.39	27.16	27.55	.....	26.58	26.38
15	28.28	26.18	26.84	26.46	27.01	27.95	27.54	26.99	27.26	.....	26.80	26.22
20	27.54	26.51	27.01	26.59	27.21	28.20	27.44	26.80	27.23	.....	27.00	26.39
25	27.60	26.62	27.24	26.70	27.39	28.30	27.77	.....	26.93	.....	27.13	26.74
Eom	27.90	26.65	27.24	25.95	27.66	28.22	27.20	27.01	26.54	.....	27.10	26.15
1967												
5	j26.37	j26.31	j26.49	j26.80	j26.92	j27.08	j27.45	j27.35	j28.02	j28.10	j27.33	j26.24
10	j26.69	j26.42	j25.80	j28.34	j26.85	j27.28	j26.91	j27.53	j27.94	j28.15	j27.25	j26.41
15	j26.75	j26.39	j26.01	j26.97	j25.98	j27.55	j26.58	j27.75	j28.03	j28.18	j27.43	j26.46
20	j26.90	j26.39	j26.10	j27.07	j25.93	j27.65	j27.07	j27.78	j28.06	j28.10	j27.56	j26.41
25	j26.90	j26.46	j26.45	j26.87	j26.46	j27.81	j27.25	j27.89	j28.18	j27.92	j27.25	j26.02
Eom	j26.30	j26.46	j26.80	j26.78	j26.91	j27.81	j27.20	j27.90	j28.13	j27.94	j26.79	j26.51

374610N0824530.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.65	26.90	27.46	25.81	27.20	26.63	27.45	26.98	.....	24.92	27.60	26.89
10	26.61	26.94	27.45	26.04	27.33	27.01	27.61	27.20	.....	24.68	27.60	26.93
15	26.68	27.18	26.40	26.45	27.32	27.11	27.56	26.56	.....	24.80	27.61	27.05
20	26.94	27.16	26.12	26.64	27.38	27.38	27.51	24.95	.....	24.40	27.60	27.18
25	26.64	27.46	25.95	26.97	27.51	27.43	27.82	26.55	.....	25.27	27.42	26.49
Eom	26.78	27.39	26.30	26.99	26.68	27.68	27.16	.....	25.00	27.52	27.46	.....

j Affected by barometric pressure or other adverse conditions.

374818N0824559.1. E. P. Welch. Thealka. Drilled unused water-table well in alluvium of Quaternary age, diam 18 in, depth 57.4 ft, screened. 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, 1960-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	44.83	43.50	45.53	46.20	46.92	48.96	48.04	49.31	.....	.....	45.40
10	.....	43.00	38.00	43.44	46.72	46.90	49.05	48.53	49.40	.....	.....	45.90
15	.....	42.05	42.44	45.80	47.20	47.90	48.40	48.00	49.56	.....	.....	43.42
20	.....	43.98	41.70	45.08	47.53	48.18	48.90	48.60	49.61	h46.85	.....	45.40
25	45.30	45.60	42.92	44.15	47.90	48.48	48.37	48.90	49.48	47.59	.....	45.93
Eom	46.00	45.10	45.68	45.23	48.10	48.70	48.38	49.20	48.35	48.10	45.89	44.45
1965												
5	44.58	46.00	43.90	41.50	45.18	47.49	48.22	48.71	49.00	48.80	48.80	48.92
10	43.28	44.88	44.25	38.62	45.88	48.03	48.42	48.96	49.20	48.80	49.10	49.10
15	41.35	45.38	45.00	42.45	46.19	48.30	48.00	49.06	48.98	48.82	49.22	49.20
20	43.98	45.99	43.40	42.20	46.27	48.46	48.10	49.27	49.20	48.93	49.25	49.24
25	44.20	46.25	43.90	43.30	46.73	48.70	48.00	48.28	48.92	48.68	49.25	49.16
Eom	45.45	44.00	30.95	43.45	47.38	48.78	48.23	48.63	48.81	48.30	48.94	49.17
1966												
5	48.60	48.98	44.10	47.60	40.20	48.40	49.35	46.62	47.91	41.50	45.07	44.80
10	48.13	47.60	45.64	47.92	44.50	48.62	49.09	.....	48.30	43.90	45.58	44.60
15	48.52	.....	46.10	52.90	45.95	48.80	44.68	.....	44.15	44.80	45.18	42.72
20	48.80	.....	47.22	45.58	46.82	48.69	48.00	.....	.....	44.32	45.87	44.84
25	48.95	46.42	47.58	45.40	47.44	48.97	48.44	.....	.....	44.39	46.38	45.78
Eom	49.10	46.56	47.25	42.01	48.04	49.28	46.00	47.18	40.92	44.90	45.00	35.70
1967												
5	j43.20	j44.80	j39.50	j45.22	j44.70	j41.23	j47.58	.....	.....	j48.83	.....	.....
10	j44.56	j45.60	.....	j46.05	j44.38	j44.50	j46.80	.....	.....	j49.00	.....	.....
15	j45.11	j45.21	.....	j46.38	j39.80	j46.18	j47.22	.....	.....	j48.92	.....	.....
20	j45.55	j45.05	.....	j46.00	j42.80	j47.00	j47.58	.....	.....	j48.70	.....	.....
25	j45.95	j43.20	j42.80	j44.73	j44.48	j47.50	.....	j48.13	.....	j48.58	.....	.....
Eom	j43.78	j44.25	j44.10	j42.20	j45.52	j47.60	j47.94	.....	j48.91	j48.23	j46.91	.....
1968												
5	j42.10	j45.58	j47.69	j39.61	j44.85	j43.65	j47.68	j47.92	.....	j48.83	j48.64	.....
10	.....	j46.12	j47.65	j42.82	j46.07	j45.73	j48.19	j47.98	.....	j48.80	j48.48	.....
15	.....	j46.76	.....	j44.23	j44.97	j45.47	j48.43	.....	.....	j48.98	j48.28	e47.62
20	.....	j47.11	.....	j45.23	j45.80	j46.68	j48.28	.....	.....	j48.55	j47.80	.....
25	.....	j47.50	.....	j45.90	j46.48	j47.38	j48.22	.....	.....	j48.47	.....	.....
Eom	j46.06	j47.64	j42.23	j44.60	j42.62	j47.67	j47.62	.....	j48.98	j48.70	j47.89	.....

e Estimated.

h Tape measurement.

j Affected by barometric pressure or other adverse conditions.

375052N0824844.1. Allen Construction Co. Winchester. Drilled unused artesian well in Lee Formation of Late Mississippian and Early Pennsylvanian age, diam 7 in, depth 585 ft, cased to 218. Lsd about 770 ft above msl. MP top of casing, at lsd. Highest water level 116.30 below lsd, Feb. 18, 1966; lowest 122.61 below lsd, Jan. 8, 1968. Records available: 1966-68. Recording gage installed Apr. 26, 1966.

Water level at noon, from recorder graph, 1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	d121.75	.....	.....	.....	121.76	.....	d122.16	.....
10	d121.76	.....	.....	.....	.....	.....	.....	.....
15	d121.58	.....	.....	.....	.....	d122.00	.....	.....
20	d121.88	.....	.....	.....	.....
25	d121.95	.....	.....	.....	.....
Eom	122.20	.....	.....	.....	121.96	.....	.....	.....	.....
1967												
5	d121.90	d122.08	d122.08	d122.18	d122.10
10	d122.03	d121.93	d122.16	d121.65
15	d121.98	d122.15	d122.12	d122.09
20	d121.97	d122.19	d122.14	d122.08
25	d122.10	.....	.....	d122.10	d122.05	d121.90	.....	d121.75
Eom	d122.06	.....	.....	d121.88	d122.06	d122.10	d122.14	d121.68	d121.88

375052N0824844.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	d122.28	d122.18	d121.78	d122.07	d122.00	.....	d121.98	d122.18	.....	d122.16	c121.87	d121.90
10	d122.17	d121.74	d121.68	d121.90	d121.94	.....	d121.94	d122.00	.....	d122.15	d121.84	d122.50
15	d121.66	d121.95	d122.30	d121.98	d121.75	.....	d122.16	d122.01	.....	d122.15	d122.05	d122.20
20	d122.17	d121.65	d121.93	d121.74	d121.85	.....	d122.10	d122.10	.....	d122.00	d122.20	d122.10
25	d121.91	d122.01	d121.97	d121.82	.....	d121.86	d122.16	.....	.....	121.96	c122.18	d122.31
Eom	d122.21	d121.77	d121.90	d121.75	.....	d122.08	d122.06	.....	d122.21	c122.09	c122.43	.....

c Nearby well being pumped.

d Nearby well pumped recently.

Kenton County

390028N0843337.1. Mrs. C. J. Harris. Covington. Dug unused water-table well in shaly limestone of Late 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: 1950-68. Measurement discontinued Dec. 31, 1968.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.16	29.35	26.72	21.60	25.78	28.10	28.30	29.20	29.77	30.14	30.22	30.04
10	30.14	28.96	16.85	23.81	26.25	28.23	28.45	29.34	29.88	30.16	30.20	29.85
15	30.13	28.60	21.75	26.14	26.61	28.37	28.47	29.43	29.95	30.18	30.20	28.87
20	30.07	27.65	24.86	20.65	27.02	27.98	28.63	29.52	30.00	30.14	30.17	28.35
25	29.82	27.00	24.84	23.34	27.42	27.80	28.83	29.53	30.05	30.17	30.17	28.14
Eom	29.55	26.94	26.10	23.86	27.83	28.10	29.06	29.67	30.10	30.20	30.15	25.93

1965												
5	24.67	26.35	20.95	26.00	26.18	28.65	29.53	29.18	29.27	26.55	26.57	28.64
10	25.93	22.14	23.50	22.50	26.45	28.91	29.60	29.24	29.20	25.10	27.07	28.90
15	25.98	23.35	25.52	22.68	26.95	28.98	29.63	29.31	27.85	26.18	27.70	28.97
20	26.24	25.50	24.78	25.06	27.52	29.16	29.55	29.37	25.70	26.67	28.04	29.15
25	25.41	23.82	26.00	25.20	27.98	29.33	29.45	29.42	26.08	24.98	28.38	29.27
Eom	25.68	23.60	24.76	25.27	28.36	29.46	29.32	29.50	26.58	28.19	28.58	29.42

1966												
5	23.40	28.10	30.39	.....	.....	.....	29.13	29.36	28.19	29.28	29.59	28.03
10	24.55	29.90	.....	.....	.....	.....	29.32	29.50	29.44	29.27	28.03	.....
15	25.90	28.17	.....	.....	.....	.....	29.40	29.34	29.46	29.35	.....	.....
20	26.45	30.04	.....	.....	.....	.....	29.32	.....	29.53	29.42	.....	.....
25	26.72	31.14	.....	.....	.....	.....	29.21	28.80	29.50	29.53	.....	.....
Eom	27.30	31.13	.....	.....	.....	28.87	29.25	28.88	29.39	29.60	.....	.....

1967												
5	26.10	24.35	26.59	26.28	21.70	27.06	29.16	29.34	.....	28.94	.....	25.85
10	26.50	25.58	22.23	26.39	22.30	.....	29.38	29.23	.....	28.78	.....	26.06
15	26.81	26.19	21.90	26.76	24.10	.....	29.47	29.30	.....	28.58	27.12	25.40
20	27.53	26.58	24.41	26.41	24.30	.....	29.63	.....	.....	28.42	26.82	25.68
25	27.89	27.00	25.15	26.00	26.14	28.65	29.64	29.40	.....	28.32	26.48	25.68
Eom	28.02	27.35	25.81	23.00	26.51	28.85	29.57	29.41	29.00	28.20	26.30	26.85

Eom	23.52	23.53	23.54	23.55	23.56	23.57	23.58	23.59	23.60	23.61	23.62	23.63
1968												
5	.....	23.27	25.41	19.54	25.44	.....	27.26	26.00	25.39	25.90	26.07	24.15
10	.....	24.76	25.49	23.74	25.65	.....	27.42	25.73	25.62	.....	27.01	24.66
15	25.97	25.35	25.51	24.67	22.67	.....	27.62	24.35	25.84	.....	27.01	24.54
20	25.95	25.43	23.95	24.85	.....	.....	27.68	24.19	25.89	.....	25.99	24.76
25	24.17	25.37	18.17	24.36	.....	26.68	27.65	24.76	25.93	25.94	25.92	23.20
Eom	23.57	25.36	22.40	24.69	.....	26.91	25.98	25.16	25.91	26.00	25.80	20.50

Laurel County

370757N0840450.1. J. R. Hale. London. Drilled unused water-table well in sandstone of Lee Formation of Late Mississippian and Early Pennsylvanian age, diam 12 in, depth 370 ft, length of casing unknown. Lsd about 1,190 ft above msl. MP base of recorder shelter, 3.30 ft above lsd. Highest water level 43.23 below lsd, May 27, 1968; lowest 225.00 below lsd, Oct. 25, 1947. Records available: 1947, 1950-62, 1965-68. Recording gage re-installed May 13, 1965.

Water level at noon, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	45.00	45.47	45.46	46.28	.....	.....	46.70
10	45.15	45.43	45.50	.....	.....	.....	47.03
15	44.50	45.07	45.35	45.65	.....	46.40	.....	46.83
20	44.56	45.14	45.45	45.68	.....	46.48	.....	46.75
25	44.80	45.25	45.33	45.96	46.10	.....	56.83	47.26
Eom	44.91	45.48	45.28	46.18	.....	.....	46.90	47.14

370757N0840450, 1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	47.00	47.23	46.12	46.10	46.08	46.35	46.70	46.95	46.46	46.05	46.15	h45.76
10	46.96	46.90	46.47	46.33	45.98	46.35	46.90	46.93	46.63	46.02	45.73	45.48
15	46.60	46.77	46.27	46.25	45.88	46.48	46.85	46.95	46.40	45.98	45.45	45.67
20	46.86	46.83	46.28	46.20	45.91	46.65	46.85	46.71	46.77	46.10	45.41	45.38
25	46.77	46.45	46.27	46.10	46.01	46.68	47.07	.....	46.77	46.07	45.80	45.50
Eom	47.18	46.24	46.03	.....	46.17	46.65	47.05	46.60	46.03	46.01	.....	45.30
1967												
5	45.40	45.07	44.95	44.63	44.55	.....	44.86	44.83	.....	.....	46.08	45.70
10	45.48	45.09	44.85	44.60	44.27	.....	44.55	44.85	.....	.....	46.07	45.34
15	45.40	45.18	44.70	44.70	44.22	.....	44.54	45.05	.....	.....	46.02	45.55
20	45.65	45.13	44.76	44.80	44.34	44.49	44.75	45.14	.....	.....	46.03	45.38
25	45.54	45.43	44.70	44.85	44.33	e44.57	44.72	45.32	.....	46.04	45.78	45.17
Eom	45.31	45.32	44.75	44.63	.....	44.67	44.71	45.90	45.64	46.18	45.70	45.23
1968												
5	45.33	45.08	45.15	43.68	43.44	43.33	44.23	44.68	.....	45.15	44.76	44.68
10	45.17	44.84	45.14	43.56	43.64	43.42	44.32	44.57	.....	44.80	44.82	44.98
15	44.88	45.01	45.35	43.59	43.55	43.64	44.56	44.60	.....	45.00	45.06	44.75
20	45.17	44.86	45.12	43.47	43.44	43.77	44.69	44.62	.....	44.80	45.12	44.60
25	.....	45.14	.....	43.49	43.48	.....	44.70	44.63	44.88	44.65	45.13	44.66
Eom	.....	45.04	43.85	43.43	43.37	44.06	44.65	.....	45.14	44.80	45.16	44.45

e Estimated.

h Tape measurement.

Letcher County

371033N0823743.1. Chesapeake & Ohio Ry. Co. Jenkins. Drilled unused water-table well in sandstone and shale of Breathitt Formation of Early and Middle Pennsylvanian age, diam 10 in, depth 146 ft, length of casing unknown. Lsd about 1,512 ft above msl. MP bottom edge of slot in casing, 4.00 ft below lsd. Highest water level 18.51 below lsd, Mar. 7, 1967; lowest 24.07 below lsd, Nov. 20, 1963. Records available: 1962-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	23.45	22.45	21.28	21.52	22.43	22.50	22.85	.....	.....	.....	22.30	21.93
10	21.95	22.35	20.50	21.68	22.50	22.20	22.67	.....	.....	.....	22.55	22.00
15	22.30	22.03	21.66	22.05	22.45	22.30	22.65	.....	.....	.....	22.50	21.60
20	22.20	21.35	21.70	21.65	22.70	22.37	22.25	.....	.....	22.09	22.35	21.25
25	21.90	21.70	21.73	21.95	22.75	22.68	22.50	.....	.....	22.44	.....	21.25
Eom	22.38	21.92	22.27	22.23	22.84	22.82	.....	.....	.....	22.28	.....	21.55
1965												
5	21.62	21.85	21.38	21.50	21.85	22.50	22.45	22.54	22.52	.....	.....	22.85
10	20.20	21.80	21.48	21.27	22.05	22.40	22.60	22.60	22.75	.....	.....	23.30
15	21.15	22.00	21.55	21.55	22.15	22.35	22.43	22.94	22.40	.....	.....	23.55
20	21.65	21.95	21.70	21.65	21.50	22.30	22.30	22.55	22.47	.....	.....	23.65
25	21.20	21.15	21.15	21.80	21.94	22.67	22.40	22.65	22.65	.....	23.10	23.80
Eom	21.90	21.39	20.88	21.68	22.08	22.64	22.40	22.37	22.15	.....	23.25	23.77
1966												
5	23.62	23.50	21.44	22.57	21.00	22.20	22.56	22.13	22.18	21.63	.....	.....
10	23.40	22.70	22.08	22.35	21.54	22.33	22.45	22.55	22.24	21.93	.....	21.08
15	23.45	22.06	22.13	21.19	21.65	22.30	21.78	21.95	21.78	21.94	.....	21.13
20	23.69	22.37	22.27	22.01	21.84	22.38	22.22	21.75	21.75	21.26	.....	21.33
25	23.75	22.25	22.10	21.82	22.13	22.55	22.28	.....	21.75	21.65	.....	.....
Eom	23.57	22.14	22.16	20.89	22.14	22.42	22.05	22.13	21.66	21.89	.....	.....
1967												
5	.....	21.47	21.30	j21.54	j21.43	21.29	j21.80	21.47	22.03	22.37	.....	21.46
10	.....	j21.32	20.35	j21.60	j21.35	j21.30	21.56	j22.10	j22.11	22.41	.....	j21.65
15	.....	j21.60	j20.15	21.49	j21.40	21.55	21.53	j22.24	22.54	22.33	.....	j21.97
20	.....	j21.20	j20.95	21.13	21.18	j21.55	21.25	j21.94	j22.40	.....	.....	j21.40
25	j21.72	21.14	21.25	21.53	.....	21.85	.....	21.97	22.46	22.15	.....	21.24
Eom	j21.15	j21.10	j21.57	21.08	j21.50	21.87	21.10	j21.76	22.47	.....	j21.70	21.46
1968												
5	j20.80	j19.42	j21.69	j20.68	j21.38	j21.75	j22.21	j21.83	.....	j22.30	j22.48	e21.50
10	j21.15	j19.54	j21.56	j20.87	j21.56	j21.94	j22.35	j22.16	.....	j22.25	j22.20	.....
15	j21.06	j19.67	j21.09	j21.14	j20.10	j22.10	j22.43	j21.17	.....	j22.43	j21.94	.....
20	j21.33	j19.80	j21.08	j21.38	j21.67	j22.24	j22.43	j21.42	.....	j21.93	j21.85	.....
25	j21.07	j19.79	j20.95	j21.53	j21.56	j22.17	j22.44	j21.96	j22.08	j22.24	j22.03	.....
Eom	j22.89	j21.80	j21.11	j20.10	j21.28	j22.28	j22.30	.....	j22.48	j22.25	.....	e21.90

e Estimated.

j Affected by barometric pressure or other adverse conditions.

370654N0824825.1. P. W. R. Ramsey. Whitesburg. Drilled unused water-table well in sandstone and shale of Breathitt Formation of Early and Middle Pennsylvanian age, diam 6 in, depth 53 ft, cased to 18. Lsd about 1,150 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 5.94 below lsd, Mar. 12, 1963; lowest 16.44 below lsd, Aug. 23, 1968. Records available: 1961-68. Recording gage installed Oct. 13, 1961.

370654N0824825.1--Continued.

Water level at noon, from recorder graph, 1961

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.49	13.00
10	13.47	12.45
15	13.47	13.38	12.20
20	13.43	13.45	11.45
25	13.62	13.02	11.85
Eom	13.60	13.03	12.00

1962

5	11.95	11.08	10.47	11.88	12.10	12.48	12.40	.....	12.42	13.28	13.32	11.95
10	11.09	11.10	10.56	11.80	12.25	12.85	12.24	.....	13.09	13.30	11.95	11.85
15	12.08	11.37	10.46	10.87	12.40	12.89	12.30	.....	13.18	13.25	12.45	11.95
20	12.16	11.66	11.25	11.40	12.60	.....	12.66	12.68	13.15	13.16	.....	12.00
25	11.30	11.20	11.47	11.65	12.65	12.82	12.68	12.84	13.15	13.10	.....	11.82
Eom	10.88	9.10	11.65	12.00	12.47	12.80	.....	13.02	13.13	13.20	11.93	11.40

1963

5	11.65	.....	9.90	11.37	12.54	13.94	13.92	13.46	13.42	13.66	13.83	13.45
10	11.83	.....	10.63	11.70	12.65	13.03	13.40	13.45	13.63	13.90	13.86	13.49
15	11.07	.....	9.50	12.00	12.64	13.15	13.50	13.42	13.74	13.85	13.93	13.43
20	11.61	.....	9.20	12.18	12.65	13.20	13.42	13.47	13.76	13.86	13.90	13.54
25	.....	.....	10.25	12.27	12.75	13.35	13.64	13.59	13.78	13.78	13.88	13.58
Eom	.....	11.68	11.00	12.30	12.95	13.30	13.15	13.66	13.60	13.83	13.35	13.63

1964

5	13.34	12.07	10.96	10.75	11.64	12.13	13.05	12.67	13.28	11.74	11.92	11.45
10	13.03	11.84	10.40	10.66	11.83	12.22	13.05	12.83	13.25	12.20	12.02	11.65
15	12.38	11.60	10.38	11.12	12.02	12.43	13.17	12.60	13.33	12.05	12.10	11.30
20	12.05	11.30	10.70	11.03	12.15	12.60	12.85	12.74	13.32	11.75	11.93	11.64
25	11.90	11.40	11.00	11.12	12.35	12.73	13.00	13.04	13.41	11.87	.....	11.63
Eom	12.15	11.60	11.30	11.47	12.47	12.94	12.77	13.09	12.15	11.67	11.65	11.47

1965

5	11.62	11.88	11.53	11.03	12.04	12.70	13.30	13.76	14.00	14.15	14.00	13.98
10	10.65	11.94	11.65	10.80	12.17	12.79	13.40	13.80	14.08	14.15	14.02	14.08
15	11.05	12.15	12.13	11.27	12.35	12.84	13.37	13.84	14.05	14.17	14.10	14.08
20	11.89	12.10	11.78	11.51	12.27	12.96	13.52	13.90	14.10	14.12	14.06	14.13
25	11.36	11.13	11.20	11.82	12.43	13.08	13.55	13.75	14.03	14.08	13.97	14.14
Eom	11.68	11.55	10.40	12.10	12.65	13.12	13.65	13.90	14.10	14.14	13.94	14.15

1966

5	14.00	14.03	12.28	12.97	11.28	12.74	13.03	12.85	12.30	11.68	11.55	11.95
10	13.95	13.44	12.68	13.12	11.70	12.78	13.10	12.89	12.42	11.88	11.63	11.75
15	13.95	12.78	12.71	12.12	11.94	12.86	13.04	12.75	12.15	12.09	11.76	11.65
20	14.08	12.95	12.93	12.60	12.20	12.90	13.14	12.47	12.25	11.70	12.04	11.85
25	14.00	12.83	12.85	12.30	12.45	13.05	13.20	.....	12.17	11.92	12.19	12.22
Eom	14.16	12.85	12.88	11.80	12.59	13.05	12.98	12.14	11.95	12.12	11.90	11.24

1967

5	11.74	11.86	12.00	d12.06	c12.25	d11.06	d12.90	11.62	.....	.....	.....	d12.45
10	11.90	12.04	c10.70	12.16	12.20	11.64	12.58	12.09	.....	.....	.....	12.40
15	12.03	12.03	10.40	12.33	12.23	12.15	.....	.....	.....	.....	.....	12.43
20	12.18	11.79	10.95	c12.22	11.93	d12.29	.....	.....	.....	.....	.....	11.96
25	d12.30	11.83	11.42	12.10	12.16	12.55	12.50	d12.24	.....	d13.39	.....	11.34
Eom	d11.73	11.95	d11.84	11.60	d12.40	12.74	11.55	c12.60	d12.99	.....	12.50	11.68

1968

5	11.15	c11.85	12.70	c11.98	12.18	12.40	d13.21	13.40	.....	13.71	13.88	13.37
10	d11.44	12.00	12.50	c11.65	c12.74	d12.75	d13.28	c13.65	.....	13.87	13.80	13.60
15	11.20	12.21	d11.59	11.80	d12.12	d12.95	c13.41	13.04	.....	d13.93	13.65	13.68
20	d11.50	12.35	d11.50	11.94	d12.65	d13.10	d13.38	c13.22	.....	13.65	13.50	13.76
25	d11.35	12.54	d11.35	d12.18	c12.70	13.05	c13.60	13.34	13.72	13.78	13.54	13.54
Eom	d11.78	12.58	11.54	11.76	12.18	13.29	13.54	.....	d14.25	d13.91	d13.70	.....

c Nearly well being pumped.

d Nearly well pumped recently.

Lincoln County

372641N0844229.1. W. Goebel Scott. Stanford. Dug unused water-table well in sandstone and shale of Borden Formation of Early and Late Mississippian age, diam 36 in, depth 15 ft, shored. Lsd about 985 ft above msl. MP base of recorder, 3.30 ft above lsd. Highest water level 0.98 above lsd, Apr. 3, 1968; lowest 11.21 below lsd, Nov. 19, 1964. Records available: 1953-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.33	8.80	3.10	5.98	6.39	8.79	9.10	9.27	10.53	10.85	11.13	.....
10	10.10	8.65	1.00	4.98	7.56	8.92	9.21	9.39	10.75	10.90	11.16	10.48
15	9.69	8.19	3.00	5.83	8.23	8.87	9.17	9.62	10.90	10.95	11.19	9.82
20	....	7.77	5.52	e6.75	8.50	8.90	9.17	9.82	11.00	11.01	.....	9.85
25	8.90	e7.85	5.26	6.37	8.70	9.03	9.18	10.06	11.07	11.05	.....	9.23
Eom	8.82	8.15	6.41	3.78	8.78	9.07	9.36	10.30	10.79	11.09	.....	9.03

372641N0844229.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.54	7.74	3.42	5.85	7.80	8.97	9.18	9.85	10.58	11.07	10.88	10.25
10	6.10	4.95	5.31	5.00	8.23	9.02	9.22	10.00	10.76	11.10	10.33	10.12
15	7.26	5.85	6.71	6.08	8.48	9.00	9.25	10.32	10.88	11.11	10.28	10.00
20	7.12	6.50	5.90	6.13	8.65	9.05	9.36	10.49	10.97	11.10	10.27	9.87
25	7.24	5.00	4.55	7.05	8.74	9.15	9.44	e10.65	10.93	11.05	10.70	9.83
Eom	7.45	5.63	3.95	7.23	8.86	....	9.36	10.80	11.00	10.44	10.48	9.83
1966												
5	9.40	9.09	5.87	8.45	....	8.96	9.31	10.13	10.19	9.65	9.00	....
10	9.14	8.07	7.25	8.62	....	9.00	9.45	10.44	10.53	9.48	8.49	5.00
15	9.12	5.12	7.51	6.40	....	9.08	9.40	10.00	10.72	9.35	8.64	7.74
20	9.16	5.85	7.88	7.48	....	9.17	9.55	9.86	10.34	9.28	8.90	8.21
25	....	7.57	8.16	....	h8.39	e9.24	9.80	....	10.00	9.25	8.99	8.64
Eom	9.15	7.63	8.23	....	8.85	9.25	10.05	h9.98	9.87	h9.22	8.95	7.25
1967												
5	8.00	6.36	7.20	7.78	5.26	4.80	8.69	8.77	9.23	9.22	8.29	7.29
10	8.37	7.44	5.44	8.37	6.30	7.99	5.73	8.92	9.22	9.21	8.70	8.00
15	8.44	8.02	5.50	8.57	2.68	8.79	7.15	8.02	9.31	9.29	8.88	7.50
20	8.53	8.29	7.16	8.72	6.31	8.80	8.59	9.05	9.38	9.23	8.97	6.73
25	....	8.06	7.15	8.51	7.92	7.75	8.79	9.13	9.41	8.93	8.41	6.49
Eom	7.02	7.05	6.45	7.23	8.42	8.49	8.50	9.15	9.17	8.97	8.02	8.01
1968												
5	6.75	7.00	8.60	3.60	7.85	7.25	9.05	9.17	....	....	9.47	8.48
10	7.70	7.80	8.61	5.15	8.29	8.43	9.07	9.20	....	....	9.54	8.43
15	7.84	8.33	5.94	7.17	7.45	8.76	8.97	9.18	....	9.50	9.63	9.02
20	7.60	8.36	6.20	6.00	8.17	8.85	9.13	9.14	....	9.42	9.46	9.03
25	6.64	....	3.72	7.80	8.45	8.74	9.17	9.25	9.72	9.38	9.38	8.50
Eom	7.40	8.62	5.37	8.23	8.85	9.02	9.16	....	....	9.46	8.80	8.30

e Estimated.

h Tape measurement.

372739N0844021.1. Omer Lewis. Stanford. Drilled unused water-table well in sandstone and shale of Borden Formation of Early and Late Mississippian age, diam 6 in, depth 33 ft, cased to 10. Lsd about 1,030 ft above msl. MP top edge of metal recorder shelter, 2.25 ft above lsd. Highest water level 6.20 below lsd, Dec. 18, 1961; lowest 9.83 below lsd, July 2, 1954. Records available: 1954-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.42	7.63	7.00	7.10	7.24	7.90	7.89	7.51	7.29	6.92	7.11	....
10	7.48	7.68	6.86	6.99	7.40	7.98	7.81	7.48	7.22	7.00	7.11	7.08
15	7.35	7.49	6.89	7.16	7.59	7.87	7.78	7.47	7.25	6.93	7.25	....
20	....	7.33	6.87	7.22	7.70	7.83	7.67	7.38	7.16	6.98	7.01	....
25	7.41	e7.26	6.86	7.23	h7.85	7.86	7.58	7.34	7.18	7.02	....	....
Eom	7.62	7.33	7.00	7.18	7.83	7.92	7.59	7.28	6.99	7.07	....	....
1965												
5	6.53	6.76	6.82	7.26	7.62	8.01	7.72	7.57	7.13	6.65	6.89	6.84
10	6.45	6.67	6.93	7.28	7.77	7.95	7.63	7.55	7.06	6.61	6.83	7.06
15	6.34	6.75	7.07	7.29	7.88	7.90	7.58	7.53	6.95	....	6.87	7.06
20	6.38	6.84	7.22	7.41	7.95	7.88	7.61	7.46	6.97	7.20	6.93	7.11
25	6.32	6.78	7.21	7.46	7.97	7.89	7.59	e7.35	6.76	7.01	6.90	7.18
Eom	6.49	6.98	7.23	7.59	8.00	....	7.70	7.26	6.72	6.86	6.94	7.36
1966												
5	7.27	7.62	7.21	7.97	7.53	8.61	8.97	8.75	8.03	7.60	7.27	....
10	7.15	7.39	7.45	8.20	7.82	8.62	9.03	8.71	8.08	7.48	....	6.87
15	7.18	7.34	7.45	8.31	8.03	8.71	8.91	8.40	8.07	7.43	....	6.91
20	7.38	7.33	7.61	8.20	8.16	8.85	8.85	8.21	8.04	7.46	....	6.86
25	....	7.30	7.80	....	8.26	8.96	8.96	....	8.73	7.39	....	7.01
Eom	7.58	7.32	7.86	8.10	8.49	8.95	8.87	h8.12	7.60	h7.32	....	....
1967												
5	....	j7.21	j7.53	j7.70	j7.78	j7.49	j7.89	j7.28	j7.17	j7.02	j7.07	j6.96
10	....	j7.21	j7.52	j7.89	j7.61	j7.42	j7.43	j7.23	j7.13	j6.95	j7.05	j6.75
15	....	j7.35	j7.51	j8.97	j7.50	j7.60	j7.26	j7.29	j7.16	j7.02	j7.07	j6.83
20	....	j7.51	j7.54	j8.26	j7.49	j7.72	j7.32	j7.28	j7.20	j7.05	j7.03	j6.71
25	e7.24	j7.71	j7.54	j8.33	j7.45	j7.85	j7.35	j7.30	j7.23	j6.95	j7.01	j6.55
Eom	j7.27	j7.60	j7.63	j8.05	j7.66	j7.88	j7.36	j7.16	j7.05	j6.96	j6.93	j6.67
1968												
5	j6.79	j7.00	j7.88	j7.64	j7.86	j8.00	j8.40	j8.57	....	j7.95	j7.74	j7.49
10	j6.77	j6.92	j7.88	j7.59	j7.95	j8.00	j8.45	j8.41	....	j7.84	j7.70	j7.60
15	j6.69	j7.13	j7.92	j7.45	j8.00	j7.98	j8.59	j8.27	....	j7.78	j7.67	j7.55
20	j6.85	j7.28	j7.71	j7.41	j8.06	j8.07	j8.59	j8.21	....	j7.70	j7.72	j7.50
25	j6.82	j7.64	j7.67	j7.54	j8.11	j8.21	j8.66	j8.19	j7.95	j7.79	j7.71	j7.59
Eom	j6.94	j7.67	j7.57	j7.67	j7.95	j8.31	j8.59	....	j7.96	j7.80	j7.67	e7.56

e Estimated.

h Tape measurement.

j Affected by barometric pressure or other adverse conditions.

Logan County

365108N0864559.1. 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: 1952-64. Recording gage removed; measurement discontinued May 25, 1964. Replaced by well 365C52N0865327.1.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.65	14.88	3.50	12.87	14.27	.....	.....	.....	.....	.....	.....	.....
10	15.20	14.38	2.80	11.71	15.63	.....	.....	.....	.....	.....	.....	.....
15	15.57	13.75	6.60	13.08	15.67	.....	.....	.....	.....	.....	.....	.....
20	12.70	13.00	9.20	14.19	15.68	.....	.....	.....	.....	.....	.....	.....
25	12.61	13.78	11.00	15.00	15.70	.....	.....	.....	.....	.....	.....	.....
Eom	14.13	14.58	12.90	14.69	.....	.....	.....	.....	.....	.....	.....	.....

365052N0865327.1. Charles Baird. Russellville. Drilled unused water-table well in limestone of Girkin Formation of Late Mississippian age, diam 8 in, depth 125 ft, cased to 10. Lsd about 580 ft above msl. MP base of recorder, 3.30 ft above lsd. Highest water level 1.22 above lsd, Apr. 4, 1968; lowest 45.60 below lsd, Nov. 20, 1965. Records available: 1964-68. Replaces well 365108N0864559.1.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.50	e11.75	8.85	6.65	13.75	3.50
10	13.90	e10.50	9.00	8.50	15.75	6.65
15	h9.99	13.95	e9.50	10.00	12.60	16.25	6.10
20	10.60	13.95	e8.25	10.25	9.23	9.05	7.25
25	11.75	e13.54	6.15	13.55	10.00	7.00	e6.50
Eom	12.00	e12.50	7.40	7.20	11.75	6.40	5.50

1965

5	6.20	7.90	5.30	5.50	8.60	10.80	6.20	8.29	8.36	19.20	27.50	10.00
10	3.77	6.80	6.40	5.90	9.15	10.60	6.30	9.01	8.60	17.06	27.30	13.00
15	5.70	5.38	6.70	6.57	9.75	11.20	6.84	9.05	8.15	22.16	33.00	11.00
20	6.28	6.79	6.20	6.20	9.45	15.70	7.70	8.92	8.38	27.95	45.05	11.50
25	....	4.80	6.40	7.50	9.70	8.00	7.60	9.38	8.64	.....	12.50	12.19
Eom	7.80	5.60	3.50	7.55	10.20	7.78	8.27	8.95	15.80	e39.00	10.80	13.50

1966

5	4.90	6.22	5.67	6.95	5.20	7.01	8.10	11.30	9.24	9.25	8.39	6.55
10	5.40	3.03	6.20	7.08	6.20	8.90	8.40	12.20	10.60	9.40	7.55	3.56
15	6.00	4.12	6.90	4.27	6.11	7.17	8.50	8.10	10.90	9.00	7.70	4.90
20	6.46	5.20	6.74	5.80	5.66	7.53	8.76	10.50	11.89	11.40	6.89	5.76
25	6.64	5.70	6.33	4.55	5.84	7.80	....	9.21	14.39	14.10	8.14	6.26
Eom	6.84	5.89	6.85	4.60	6.66	8.11	11.70	11.20	9.80	17.50	7.70	4.65

1967

5	d5.73	5.68	5.40	6.63	4.76	d6.75	4.24	6.82	7.94	b8.20	c8.41	5.05
10	6.17	6.06	3.72	6.50	5.53	7.00	d4.75	6.20	7.82	8.05	c9.15	5.89
15	d6.38	6.36	5.24	d7.04	2.14	d7.25	5.96	6.84	c8.95	8.21	b7.89	5.98
20	6.41	d5.90	5.84	7.00	4.75	d7.44	6.64	7.08	c10.00	7.92	7.81	5.99
25	6.58	6.12	6.07	5.54	d6.00	5.66	6.82	7.35	c8.40	c8.54	b7.68	5.50
Eom	d5.32	4.92	6.50	5.40	6.22	4.75	d6.27	b7.70	b7.84	c9.30	b6.41	6.30

1968

5	6.07	5.50	c7.10	2.00	6.88	4.86	7.58	7.20	d9.00	8.61	d10.60	c6.30
10	6.10	6.06	6.71	4.17	6.49	6.23	6.78	7.44	d8.50	7.91	c11.30	c8.40
15	6.27	6.45	d5.38	4.33	4.90	6.81	7.41	d7.20	c8.71	7.80	c12.40	c8.50
20	5.98	6.65	c6.00	5.80	5.72	6.98	7.90	c8.20	7.80	8.07	c14.30	c9.30
25	5.30	6.93	3.52	6.30	6.43	7.22	8.16	c9.20	8.21	8.22	c13.60	d7.00
Eom	5.93	6.96	4.60	6.59	4.80	7.40	d6.70	d8.60	8.47	d8.38	5.27	c7.28

- b Well pumped recently.
c Nearby well being pumped.
d Nearby well pumped recently.
e Estimated.

Lyon County

370303N0880911.1. Dept. of Highways. Lake City. Drilled unused water-table well in Warsaw Limestone of Late Mississippian age, diam 6 in, depth 99 ft, length of casing unknown. Lsd about 370 ft above msl. MP top of casing, 0.40 ft above lsd. Highest water level 7.37 below lsd, May 21, 1967; lowest 39.62 below lsd, Feb. 10, 1964. Records available: 1963-67. Recording gage installed Oct. 2, 1963. Measurement discontinued Dec. 31, 1967.

Water level at noon, from recorder graph, 1963

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	38.93	39.09	39.34
10	38.94	39.06	39.39
15	39.03	39.26	39.44
20	39.03	39.25	39.44
25	39.08	39.27	39.43
Eom	39.06	39.28	39.54

370303N0880911.1--Continued.

1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	39.55	39.50	34.10	35.40	36.40	37.37	.....	37.16	37.25	36.89	37.10	32.88
10	39.56	39.54	27.50	33.58	36.80	38.07	.....	37.13	37.18	37.15	37.21	35.74
15	39.55	39.35	29.90	.....	37.10	38.01	.....	37.18	37.20	37.11	37.30	33.50
20	39.40	39.43	29.28	.....	.....	38.20	.....	37.20	37.40	37.15	37.20	34.52
25	39.55	39.38	29.51	.....	.....	38.38	.....	37.19	37.21	37.00	36.97	34.28
Eom	39.56	39.54	32.00	34.90	37.71	.....	36.80	36.99	36.39	37.21	37.21	33.98
1965												
5	32.30	32.80	26.69	19.77	31.99	29.60	31.79	33.44	33.91	.....	28.25	25.60
10	30.24	30.31	27.30	20.32	32.60	28.30	31.64	33.91	34.43	.....	27.35	25.70
15	28.31	25.23	29.80	22.78	33.28	30.13	31.41	33.98	34.33	.....	26.80	25.27
20	.....	30.08	29.39	25.05	33.08	30.44	32.75	34.28	34.83	.....	26.40	24.98
25	.....	30.66	29.68	30.30	30.07	32.00	33.11	34.91	35.99	37.02	26.11	24.90
Eom	h32.01	28.49	21.13	30.09	30.46	32.51	33.59	34.83	36.20	32.30	25.92	24.61
1966												
5	e23.43	e20.40	16.05	15.97	9.96	10.52	11.71	12.94	13.46	.....	.....	15.16
10	e22.78	e19.50	16.44	15.60	10.70	10.70	11.95	12.80	13.71	.....	.....	14.52
15	e22.11	e18.70	16.21	14.25	10.71	10.70	12.15	12.85	13.78	.....	.....	14.70
20	e21.42	e17.80	16.30	13.70	9.63	10.96	12.30	12.82	13.83	.....	.....	.....
25	21.52	16.91	16.40	12.10	9.92	11.26	h12.47	13.33	13.99	14.83	15.04	15.12
Eom	e21.20	16.47	16.20	10.80	10.31	11.32	12.67	13.41	.....	14.77	15.26	14.17
1967												
5	.....	.....	.....	13.10	10.45	10.16	11.44	.....	.....	14.88	15.54	14.50
10	.....	14.39	.....	12.70	10.53	10.25	10.84	.....	.....	14.90	15.26	14.25
15	.....	14.49	.....	12.82	8.92	10.47	11.55	.....	14.78	.....	15.24	14.15
20	.....	.....	.....	12.10	7.42	10.64	11.85	.....	14.92	15.05	15.46	13.45
25	.....	.....	.....	11.93	7.94	10.97	.....	.....	15.10	15.00	15.37	13.50
Eom	14.17	.....	13.73	11.34	9.35	11.09	.....	.....	14.71	15.22	15.09	13.86

e Estimated.

h Tape measurement.

McCracken County

370142N0883131.1. Ashland Oil & Refining Co. Paducah. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age, diam 5 in, depth 227 ft, length of casing unknown. 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 79.77 below lsd, Aug. 21, 1968. Records available: 1951-68.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	76.60	.....	64.30	.....	77.86	78.41	78.44	78.19	78.39	77.40
10	.....	.....	.....	64.73	.....	.....	77.65	78.28	78.51	78.16	78.34	76.77
15	.....	.....	.....	.....	.....	.....	77.66	78.32	78.50	78.20	78.44	75.40
20	79.10	.....	.....	.....	.....	.....	77.67	78.04	78.25	78.39	78.21	74.86
25	79.19	.....	59.53	.....	.....	77.80	77.80	78.08	78.23	78.41	78.17	77.39
Eom	77.40	78.43	.....	64.68	.....	77.70	78.00	78.14	78.15	78.43	78.75	75.60
1965												
5	.....	74.95	70.55	62.01	67.12	76.60	77.41	78.04	78.80	.....	.....	.....
10	.....	76.30	69.13	62.65	71.15	77.25	77.37	78.14	78.27	.....	.....	.....
15	.....	68.23	69.55	62.96	73.94	77.35	77.49	78.22	78.26	.....	.....	.....
20	.....	68.12	71.32	63.26	76.28	77.08	77.71	78.08	.....	.....	.....	.....
25	.....	71.82	70.95	64.97	76.19	77.23	78.28	78.17	.....	.....	78.07	.....
Eom	74.90	72.86	64.00	67.15	76.45	77.63	78.03	78.50	.....	.....	78.15	.....
1966												
5	.....	78.37	.....	77.70	68.72	.....	.....	78.38	.....	.....	78.54	79.00
10	74.27	78.30	73.29	77.95	67.20	.....	.....	.....	.....	.....	78.24	78.70
15	75.21	71.65	.....	78.30	69.62	.....	79.03	.....	.....	.....	78.40	.....
20	77.35	68.24	.....	.....	70.38	.....	.....	.....	.....	.....	78.98	.....
25	77.54	67.86	77.34	.....	70.00	77.74	78.25	78.30	.....	78.54	78.50	.....
Eom	77.68	69.84	.....	73.50	.....	78.00	78.34	.....	.....	78.46	78.60	74.59
1967												
5	74.60	76.25	76.50	.....	72.20	.....	76.65	.....	78.33	78.49	78.87	.....
10	77.23	75.34	70.52	.....	71.64	.....	75.62	78.30	.....	.....	79.37	.....
15	78.12	.....	67.34	.....	68.75	.....	74.09	.....	.....	78.52	78.47	72.75
20	77.65	.....	65.44	.....	65.32	.....	.....	.....	.....	.....	78.15	70.85
25	77.87	76.40	63.72	.....	64.00	.....	.....	.....	78.41	78.48	78.10	68.46
Eom	77.85	75.55	.....	73.62	.....	77.10	77.69	78.26	78.35	78.53	78.54	68.50
1968												
5	70.93	70.30	77.26	65.54	76.67	65.97	77.91	78.95	79.49	79.06	79.05	78.63
10	70.84	68.19	77.38	64.76	77.21	65.14	77.97	79.50	79.25	78.98	78.95	79.15
15	70.10	69.35	.....	66.03	75.73	70.70	78.14	79.45	79.32	79.00	79.05	79.54
20	71.44	73.95	.....	.....	73.61	75.67	78.52	79.52	79.25	78.95	79.15	79.22
25	74.00	.....	.....	.....	73.95	76.20	78.90	79.47	79.25	79.02	78.81	79.31
Eom	77.81	76.97	66.62	75.28	68.30	77.54	78.85	79.57	79.06	79.10	79.08	.....

370848N0884624.1. 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 54.40 below lsd, Nov. 21, 1964. Records available: 1958-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	53.62	52.32	52.97	47.59	46.51	49.98	51.30	52.27	52.97	53.59	53.90	53.86
10	53.72	53.10	51.80	47.62	46.74	50.37	51.50	52.25	53.05	53.60	53.91	53.20
15	53.24	52.55	50.65	47.42	47.84	50.57	51.71	52.46	53.28	53.57	54.05	52.93
20	53.31	52.87	48.89	47.16	48.54	50.77	51.75	52.60	53.35	53.78	54.06	52.82
25	53.25	52.46	47.71	47.71	49.13	50.90	51.83	52.69	53.45	53.77	53.81	52.70
Eom	52.70	52.85	47.25	46.90	49.64	50.99	52.11	52.92	53.52	53.82	54.00	52.80

1965

5	52.33	51.40	49.61	46.92	46.17	49.41	50.65	51.49	52.22	51.76	52.59	52.84
10	52.27	51.75	49.67	46.27	46.68	49.47	50.64	51.71	52.30	52.02	52.71	52.97
15	51.30	50.93	49.35	45.93	47.26	49.64	50.75	51.79	52.20	52.13	52.58	53.11
20	51.44	49.84	49.75	46.10	47.95	49.88	50.95	51.98	52.20	52.27	52.75	52.94
25	51.40	50.35	49.28	45.82	48.40	50.20	51.20	52.00	52.17	52.44	52.82	53.53
Eom	51.67	50.26	48.20	46.33	48.92	50.50	51.12	52.13	51.70	52.55	53.05	53.13

1966

5	52.59	52.65	49.92	51.11	.....	48.83	50.35	51.37	51.87	52.25	52.70	52.30
10	52.32	52.43	50.03	51.26	.....	49.38	.....	51.37	51.92	52.44	52.70	52.30
15	51.74	51.90	49.99	51.21	47.71	49.49	.....	.....	52.15	52.47	52.36	51.50
20	52.14	51.03	50.41	50.81	47.73	49.75	.....	51.60	52.05	52.62	52.20	50.60
25	52.40	49.89	50.68	50.40	47.62	50.07	51.09	51.60	52.12	52.60	52.30	50.60
Eom	52.50	49.80	50.75	49.75	48.39	50.20	51.27	51.76	52.30	52.37	52.70	50.51

1967

5	50.72	50.65	50.41	47.35	47.97	46.91	47.85	48.50	49.84	50.65	.....	50.37
10	50.90	50.43	49.85	47.90	47.62	47.17	47.63	48.73	50.06	.....	50.75	49.38
15	51.27	50.47	49.13	48.15	.....	47.81	47.55	48.85	50.18	50.89	50.98	49.57
20	51.25	51.01	47.68	48.17	.....	47.90	47.80	49.20	50.28	.....	50.86	48.80
25	51.55	51.30	47.11	48.50	.....	48.05	48.23	49.40	50.51	.....	50.93	47.80
Eom	51.44	50.73	47.15	48.05	45.69	47.79	48.40	49.75	50.73	.....	50.85	47.12

1968

5	47.57	46.80	47.86	44.70	46.29	43.35	46.37	48.00	49.05	49.93	50.70	50.58
10	47.31	45.81	48.56	44.05	46.37	42.86	46.75	47.89	49.26	50.26	50.86	50.50
15	47.05	45.80	48.60	43.98	46.25	43.40	47.20	48.04	49.31	50.31	50.86	50.59
20	47.28	46.14	47.45	44.25	45.97	44.73	47.44	48.12	49.68	50.51	51.18	50.95
25	47.42	47.45	46.33	44.22	45.75	45.33	47.71	48.42	49.77	50.56	51.02	50.81
Eom	47.35	47.90	45.00	45.53	44.60	46.05	47.84	48.68	50.02	50.67	50.84	50.50

McCreary County

365138N0842641.1. Elmer Taylor. 4.5 mi northeast of Parkers Lake. Drilled unused water-table well in sandstone and shale of Lee Formation of Late Mississippian and Early Pennsylvanian age, diam 6 in, depth 45 ft, length of casing unknown. Lsd 1,176.54 ft above msl. MP top edge of tile casing, 0.90 ft above lsd. Highest water level 13.13 below lsd, Mar. 6, 1967; lowest 27.30 below lsd, Nov. 25, 1967. Records available: 1959-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	26.92	26.25	25.50	25.55	25.32	25.22	25.38	25.28	26.19	26.40	26.53	.....
10	27.00	26.17	25.15	25.50	25.20	25.05	25.32	25.80	26.23	26.55	26.35	26.32
15	26.73	23.75	25.10	25.47	25.35	24.90	25.63	25.94	26.50	26.18	26.60	26.15
20	26.65	26.18	25.28	25.27	25.35	25.25	25.56	25.90	26.50	26.43	26.15	26.14
25	26.30	.....	25.34	25.12	25.30	25.42	25.54	26.13	26.65	26.55	.....	25.50
Eom	26.65	.....	25.75	24.98	25.12	25.54	25.83	26.03	26.48	26.48	.....	26.08

1965

5	25.96	25.94	24.10	24.43	24.34	24.35	24.30	25.05	25.50	25.75	.....	26.13
10	21.40	25.14	24.86	24.20	24.33	24.30	24.30	24.82	25.50	25.58	26.13	26.50
15	25.40	25.10	25.00	24.00	24.37	24.15	24.35	25.04	25.28	25.86	26.04	26.34
20	25.65	25.23	25.08	24.40	24.37	24.27	24.65	25.00	25.67	25.88	26.09	26.22
25	25.30	24.45	21.75	24.25	24.29	24.30	24.43	25.05	25.53	26.13	26.02	26.35
Eom	25.60	22.50	23.60	24.51	24.30	24.45	24.44	25.30	25.43	.....	26.45	26.64

1966

5	26.46	26.30	25.44	25.60	25.48	25.23	24.67	25.16	25.05	25.24	25.50	25.40
10	26.78	26.40	26.25	25.80	25.34	24.94	25.12	25.19	25.30	25.12	24.55	.....
15	.....	26.51	25.79	25.25	25.15	25.06	24.80	25.26	24.88	25.20	25.49	.....
20	26.80	26.64	25.94	25.43	25.10	25.20	24.82	25.24	24.85	25.43	25.45	24.50
25	26.70	26.02	26.45	25.50	25.07	25.18	25.30	.....	25.10	25.30	25.25	.....
Eom	.....	25.68	25.40	.....	25.17	24.84	25.25	25.31	25.40	25.08	25.10	.....

1967

5	.....	24.44	24.13	23.98	24.08	23.93	23.98	23.79	24.20	24.33	25.09	24.31
10	.....	24.85	23.38	23.95	23.72	23.75	18.80	23.74	24.13	24.33	25.17	24.05
15	.....	24.75	23.15	23.95	16.50	23.79	23.27	23.97	24.17	24.85	24.95	25.06
20	.....	24.81	24.32	23.93	22.96	23.75	23.84	23.84	24.15	25.05	25.10	24.06
25	24.93	25.05	24.15	24.21	23.45	23.80	23.65	23.99	24.34	24.35	24.26	24.09
Eom	24.68	23.10	23.34	23.20	23.75	23.77	23.70	24.07	24.28	24.88	22.14	24.30

365138N0842641.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	24.29	23.94	23.25	22.26	23.39	23.74	.....	.....	25.54	25.48	25.58
10	24.15	23.89	23.80	23.66	23.48	23.40	23.68	.....	.....	25.44	25.51	.....
15	23.72	24.11	23.58	23.55	21.90	23.60	23.94	.....	.....	25.61	25.75	.....
20	24.22	23.68	23.54	23.46	23.35	23.60	23.87	.....	.....	25.47	25.95	25.95
25	23.91	24.21	23.40	23.28	23.48	23.40	23.96	.....	25.12	25.40	25.99	26.11
Eom	24.27	23.88	23.67	23.04	22.76	23.72	23.97	.....	25.48	25.70	26.18	25.95

Ohio County

372503N0865246.1. Leslie B. Wright. Beaver Dam. Drilled unused artesian well in Tradewater Formation of Middle Pennsylvanian age, diam 7 in, depth 298 ft, cased to 220. Lsd about 463 ft above msal. MP top of casing, 1.30 ft above lsd. Highest water level 91.86 below lsd, Dec. 28, 1968; lowest 158.39 below lsd, Sept. 8, 1966. Records available: 1956-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	150.55	150.35	151.76	152.40	152.66	152.45	153.45	154.07	154.79	155.28	155.58	156.12
10	150.86	150.95	151.99	152.68	152.60	152.93	153.45	154.11	154.72	155.46	155.45	156.25
15	150.90	150.58	152.28	152.80	152.85	152.86	153.73	154.33	155.00	154.95	155.84	156.50
20	150.50	151.40	152.00	152.58	152.84	153.10	153.67	154.41	155.04	155.00	155.55	156.44
25	150.70	151.46	152.10	152.46	152.88	153.40	153.70	154.64	155.27	155.40	155.42	155.75
Eom	150.83	151.95	152.50	152.40	152.95	153.53	154.06	154.67	155.20	155.42	156.40	156.65

1965

5	156.50	156.80	156.18	156.50	156.35	156.05	155.41	155.17	155.97	156.42	156.55	156.28
10	156.58	156.51	156.77	156.30	156.35	155.95	155.05	155.18	156.00	156.33	156.45	156.70
15	156.25	156.68	156.37	156.01	156.30	155.66	155.10	155.32	155.87	156.40	156.35	156.41
20	156.62	156.86	157.20	156.55	156.35	155.49	155.14	155.34	156.28	156.33	156.38	156.16
25	156.25	156.48	156.65	156.20	h156.16	155.50	154.95	h155.35	156.29	156.63	156.26	156.75
Eom	156.94	156.60	156.86	156.55	156.12	155.40	154.98	155.57	155.95	156.52	156.75	156.62

1966

5	156.60	157.00	156.37	156.55	156.87	156.48	156.43	157.35	157.86	158.27	158.06	157.47
10	156.89	156.34	157.10	156.85	156.97	156.50	156.70	157.44	158.05	158.10	157.65	157.40
15	156.45	155.90	156.65	156.84	156.66	156.50	156.78	157.68	157.93	158.00	158.00	157.60
20	156.95	157.28	156.90	156.76	156.60	156.69	157.03	157.81	157.57	158.30	157.85	157.36
25	156.83	156.50	156.97	156.86	156.55	156.68	h157.23	157.97	158.00	158.18	157.45	157.48
Eom	156.80	156.17	156.45	156.72	156.69	156.45	157.35	158.00	157.91	157.63	157.56	157.74

1967

5	j157.55	j157.10	j157.24	j154.10	j148.83	j142.20	j136.37	e130.97	j126.65	j122.40	j119.21	j115.99
10	j157.67	j157.30	j157.25	j153.42	j147.58	j141.05	j135.22	e130.25	j125.37	j121.78	j118.47	j114.95
15	j157.87	j157.20	j157.27	j152.53	j146.56	j140.10	j134.51	e129.50	j124.70	j121.25	j118.04	j114.27
20	j157.65	j157.02	j156.35	j151.60	j145.80	j139.00	j133.76	e128.80	j123.95	j120.75	j117.27	j114.49
25	j157.52	j158.37	j155.80	j150.83	j144.40	j138.24	j132.70	j128.05	j123.64	j120.05	j116.56	j113.76
Eom	j157.47	j157.76	e155.12	j149.53	j143.15	j137.10	e131.75	j127.36	j123.00	j119.37	j115.95	j113.50

1968

5	j113.92	j110.42	j107.50	j105.84	j103.68	j101.63	j100.11	j98.78	j97.49	j96.30	j94.78	j93.50
10	j112.79	j109.70	j107.20	j105.40	j103.35	j101.22	j99.72	j98.35	j97.22	j96.15	j94.59	j93.80
15	j112.11	j109.42	j107.40	j105.07	j102.85	j101.07	j99.70	j98.26	j97.05	j95.90	j94.30	j93.53
20	j111.54	j108.87	j107.77	j104.39	j102.64	j100.82	j99.39	j98.17	j96.96	j95.62	j94.50	j93.10
25	j111.05	j108.68	j106.60	j104.20	j102.30	j100.23	j99.19	j97.94	j96.65	j95.83	j94.27	j93.10
Eom	j110.80	j108.18	j105.80	j103.80	j101.91	j100.33	j98.94	j97.70	j96.60	j95.15	j94.30	j92.93

c Nearby well being pumped.

e Estimated.

h Tape measurement.

j Affected by barometric pressure or other adverse conditions.

Pulaski County

365945N0843635.1. Richard Bausch. Burnsides. Drilled unused water-table well in limestone of Fort Payne Formation of Early Mississippian age, diam 6 in, depth 146 ft, cased to 10. Lsd about 865 ft above msal. MP base of recorder, 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: 1952-68. Measurement discontinued Dec. 31, 1968.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	79.76	81.20	80.79	81.02	81.20	81.46	81.53	81.52	81.65	81.07	81.59	.....
10	79.88	80.85	80.68	80.59	81.30	81.46	81.50	81.55	81.65	81.29	81.59	81.12
15	80.29	80.67	80.60	80.72	81.33	81.39	81.18	81.63	81.67	81.51	81.55	81.03
20	.....	80.63	80.91	80.98	81.33	81.42	81.37	81.64	81.69	81.62	81.27	81.10
25	80.75	81.02	80.81	81.18	h81.40	81.44	81.35	81.65	81.67	81.62	.....	81.03
Eom	81.26	81.40	81.19	80.94	81.39	81.52	81.51	81.65	81.18	81.62	.....	81.09

365945N0843635, 1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	81.04	81.40	80.83	81.33	81.57	81.50	81.67	81.58	81.76	81.77	81.87	81.74
10	80.96	81.18	81.16	81.29	81.61	81.52	81.64	81.60	81.72	81.74	81.67	81.80
15	81.03	81.19	81.30	81.36	81.60	81.60	81.51	81.59	81.75	81.79	81.71	81.80
20	81.14	81.34	81.31	81.40	81.60	81.60	81.65	81.66	81.76	81.76	81.78	81.80
25	81.06	81.27	81.26	81.48	81.55	e81.68	81.65	81.69	81.72	81.68	81.71	81.82
Eom	81.30	81.24	81.08	81.53	81.55	.....	81.59	81.74	81.74	81.72	81.77	81.84
1966												
5	81.55	80.90	80.86	81.71	81.34	81.83	81.81	81.83	81.80	81.59	81.62	e81.70
10	81.57	81.00	81.40	81.71	81.52	81.83	81.83	81.83	81.84	81.69	81.56	81.58
15	81.61	80.97	81.51	81.30	81.50	81.83	81.84	81.80	81.61	81.74	81.63	81.57
20	e81.60	81.20	81.61	81.53	81.52	81.81	81.85	81.65	81.53	81.70	81.70	81.59
25	e81.58	81.36	81.70	.....	81.69	81.81	81.86	.....	81.58	81.66	81.75	81.69
Eom	81.44	81.36	81.70	81.56	81.80	81.81	81.87	h81.75	81.61	h81.75	81.65	81.56
1967												
5	81.59	81.54	81.49	81.34	81.21	81.58	81.78	81.78	81.90	81.82	81.44	81.35
10	81.66	81.54	81.31	81.36	81.32	81.65	81.68	81.86	81.90	81.85	81.65	81.50
15	81.68	81.61	81.30	81.38	81.40	81.71	81.64	81.90	81.91	81.87	81.73	81.72
20	81.70	81.65	81.50	81.41	81.42	81.73	81.79	81.90	81.92	81.84	81.67	81.51
25	81.67	81.56	81.57	81.42	81.55	81.76	81.85	81.93	81.90	81.85	81.53	81.45
Eom	81.56	81.55	81.42	81.33	81.60	81.80	81.90	81.88	81.67	81.76	81.52	81.55
1968												
5	81.40	81.57	81.52	81.22	81.25	81.32	81.56	81.67	.....	81.91	81.88	81.44
10	81.45	81.63	81.50	81.20	81.29	81.39	81.61	81.76	.....	81.86	81.76	81.53
15	81.38	81.60	81.31	81.28	81.22	81.43	81.68	81.80	.....	81.89	81.68	81.52
20	81.38	.....	81.34	81.27	81.27	81.43	81.73	81.83	.....	81.87	81.65	81.56
25	81.38	81.57	81.29	81.30	81.40	81.48	81.75	81.85	81.88	81.86	81.63	81.52
Eom	81.59	81.52	81.31	81.27	81.34	81.54	81.68	.....	81.89	81.88	81.52	e81.55

e Estimated.

h Tape measurement.

Spencer County

380356N0852530, 1. John Couch. Waterford. Formerly R. L. Workman. Plum Creek. Dug unused water-table well in Leipers Limestone of Late Ordovician age, diam 24 in, depth 14 ft, shored. Lsd about 538 ft above msl. MP base of recorder shelter, 2.20 ft above lsd. Highest water level 0.90 below lsd, Mar. 4, 1964; lowest 10.90 below lsd, Nov. 23, 1966. Records available: 1955-68. Measurement discontinued Dec. 31, 1968.

Water level at noon, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.97	9.17	2.85	8.23	7.50	9.69	9.95	10.15	.....	9.58	10.27	6.40
10	9.54	8.24	2.25	8.07	8.46	9.79	9.77	10.31	.....	9.79	10.32	7.80
15	9.56	7.60	6.50	7.87	9.20	9.84	9.59	10.43	.....	9.62	10.35	6.35
20	8.45	7.23	7.43	7.75	9.64	9.09	9.34	10.48	.....	10.05	10.12	7.62
25	8.03	8.05	7.59	7.45	9.74	9.69	9.68	10.50	.....	10.15	9.90	7.40
Eom	8.64	8.63	7.95	6.50	9.37	9.84	9.98	10.55	.....	10.22	9.00	7.49
1965												
5	7.65	8.08	4.83	7.66	8.17	8.85	9.78	10.27	10.38	9.67	9.32	9.50
10	6.02	5.20	7.29	7.42	8.30	8.72	9.20	10.39	10.43	8.03	9.57	9.59
15	7.03	6.86	7.92	7.70	8.32	8.76	9.63	10.46	8.08	8.98	9.60	9.58
20	7.73	7.82	7.10	7.31	8.33	8.92	9.73	10.50	8.23	9.55	9.62	9.58
25	7.17	4.35	7.55	7.85	8.72	10.03	9.94	10.51	9.42	7.10	9.58	9.57
Eom	7.72	6.00	5.85	8.04	8.77	9.99	10.11	10.55	9.62	8.52	9.57	9.58
1966												
5	6.25	9.52	7.72	9.14	6.22	9.59	9.99	10.51	10.58	10.67	10.87	10.81
10	7.00	8.00	7.95	9.48	7.58	9.63	10.09	10.60	10.61	10.71	10.87	8.75
15	7.96	5.85	8.32	6.70	7.85	9.71	10.15	10.54	10.62	10.74	10.88	8.56
20	8.60	7.52	8.93	8.00	7.53	9.78	10.25	10.52	10.64	10.77	10.89	8.71
25	9.10	7.91	8.70	4.50	8.22	9.88	10.37	10.50	10.66	10.80	10.89	9.33
Eom	9.40	8.00	8.67	4.72	9.44	9.97	10.46	h10.55	10.67	10.87	10.87	7.97
1967												
5	8.11	6.05	7.61	8.06	7.31	9.64	9.48	9.85	9.94	10.46	8.77	6.20
10	8.20	7.67	4.40	8.03	7.31	....	7.75	10.00	10.14	10.48	8.98	7.49
15	9.15	8.30	3.10	7.45	7.31	....	8.77	10.12	10.31	10.47	8.57	6.38
20	9.20	8.55	6.66	8.15	7.35	....	9.63	10.21	10.42	10.24	9.15	6.35
25	e9.49	8.00	6.87	7.50	8.97	....	9.55	10.30	10.45	9.82	9.42	6.35
Eom	8.44	7.75	7.65	7.33	9.62	9.85	9.63	9.68	10.43	9.59	7.99	7.44
1968												
5	8.28	7.18	9.54	4.00	9.55	6.95	10.04	10.02	10.48	10.59	10.76	9.70
10	8.68	7.80	9.52	7.34	9.55	9.45	10.17	10.23	10.45	.....	10.80	9.61
15	8.97	8.57	7.35	7.41	9.56	9.70	10.06	.....	10.51	10.61	10.83	9.62
20	8.78	8.95	7.32	7.74	9.57	9.79	10.05	.....	10.52	10.63	10.85	9.57
25	7.36	9.94	4.15	8.48	9.54	9.24	10.23	10.37	10.53	10.70	10.85	8.34
Eom	6.43	9.54	7.24	9.03	7.35	9.33	9.83	10.50	10.55	10.74	10.54	7.55

e Estimated.

h Tape measurement.

Taylor County

372353N0852226.1. E. F. Noe. Campbellville. 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 33.66 below lsd, Jan. 2, 1964. Records available: 1957-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	33.18	33.08	17.48	26.48	e27.51	29.68	30.04	31.46	32.29	32.66	33.11	24.90
10	33.00	33.11	11.00	26.90	27.57	29.94	30.30	31.59	32.35	32.80	33.16	28.28
15	33.28	32.33	.....	27.20	e28.05	28.68	30.69	31.76	32.51	32.80	33.27	19.00
20	33.00	31.60	.....	27.30	e28.52	29.65	30.86	31.90	32.61	32.95	33.02	23.87
25	33.00	31.31	21.30	27.58	28.94	29.97	31.02	31.93	32.70	32.99	33.17	e24.75
Eom	33.03	31.57	24.80	27.55	29.32	30.30	31.30	.....	32.21	33.07	33.10	17.85

1965

5	16.60	24.20	15.82	15.10	25.82	28.19	29.30	30.00	31.25	31.77	32.26	32.01
10	12.00	24.50	17.48	13.41	26.89	27.92	27.80	30.29	31.40	31.25	32.38	32.40
15	14.40	16.50	20.80	17.11	27.38	28.35	27.40	30.45	31.20	31.66	32.50	32.50
20	18.80	18.30	19.78	20.61	27.58	28.77	28.49	30.66	31.30	31.84	32.62	32.55
25	20.10	17.87	20.90	22.90	27.67	29.17	29.07	30.86	.....	31.99	32.57	32.74
Eom	21.80	17.96	21.10	24.47	27.93	29.42	29.58	31.06	31.61	32.10	31.65	32.81

1966

5	21.18	27.62	22.89	27.68	21.30	26.96	28.32	29.63	28.34	30.20	29.70	27.05
10	20.60	25.15	24.25	27.80	22.00	27.34	28.16	29.88	29.86	30.35	21.00	13.70
15	24.40	15.95	25.46	27.50	22.20	27.50	28.15	28.95	29.30	30.50	21.75	15.92
20	27.01	17.95	26.63	27.50	21.54	27.76	28.66	27.80	29.52	30.18	25.01	19.59
25	.....	21.48	27.00	27.51	.....	27.90	29.11	27.25	29.90	30.37	26.54	23.08
Eom	27.61	23.05	27.50	23.20	26.22	28.16	29.19	27.98	30.10	30.60	27.05	15.28

1967

5	j19.10	j23.21	j25.64	j23.30	j14.71	j23.38	j17.65	j15.85	j26.87	j28.16	j28.89	.....
10	j22.30	j24.47	j12.60	j25.20	j13.21	j25.15	j9.50	j15.90	j27.38	j28.53	j29.14	.....
15	j24.24	j25.84	j11.70	j26.30	.....	j26.49	j11.04	j18.05	j27.55	j28.87	j29.44	.....
20	j25.58	j26.66	j15.99	j26.96	.....	j27.11	j16.55	j20.30	j27.71	j29.07	j29.40	.....
25	j26.34	j26.92	j18.83	j25.74	j14.39	j27.30	j20.15	j23.92	j27.88	j28.71	j29.63	j17.43
Eom	j24.20	j26.56	j21.76	j24.70	j20.40	j26.31	j19.50	j25.97	j28.00	j29.18	.....	j22.20

1968

5	24.21	21.41	27.32	8.90	23.28	18.00	27.60	28.98	30.33	31.40	32.13	32.10
10	24.37	23.15	27.61	11.12	23.45	22.08	27.70	29.18	30.60	31.54	32.19	32.49
15	25.14	25.03	19.90	15.40	23.50	24.90	27.80	29.50	30.80	31.70	32.24	32.70
20	26.17	25.97	18.65	19.04	23.54	26.88	27.96	29.73	30.98	31.84	32.30	32.79
25	20.00	27.08	8.91	22.00	23.51	27.07	28.20	30.00	31.09	31.97	32.37	32.03
Eom	23.14	27.27	13.24	23.02	16.60	27.46	28.65	30.25	31.30	32.07	32.35	31.18

e Estimated.

j Affected by barometric pressure or other adverse conditions.

Trigg County

364051N0880041.1. Tennessee Valley Authority. Land between the lakes, National Recreation Area. Golden Pond. Drilled unused water-table well in St. Louis Limestone of Late Mississippian age, diam 6 in, depth 210 ft, reported cased to 230. Lsd about 520 ft above msl. MP top of casing, 1.80 ft above lsd. Highest water level 142.43 below lsd, May 29, 1968; lowest 152.36 below lsd, Jan. 18, 1967. Records available: 1966-68. Recording gage installed June 17, 1966.

Water level at noon, from recorder graph, 1966

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	148.06	148.56	.....	.....	150.60	.....
10	148.23	148.70	.....	.....	150.59	.....
15	148.20	148.88	.....	.....	150.65	.....
20	148.01	148.22	148.88	.....	150.30	150.76	.....
25	148.14	148.52	149.03	.....	.....	150.81	.....
Eom	147.98	148.59	.....	.....	150.44	150.89	.....

1967

5	151.64	149.55	149.18	148.66	148.24	147.12	147.55	147.17	148.02	148.50	149.45	149.10
10	151.82	149.48	148.85	148.75	147.61	146.98	147.42	147.24	148.02	148.64	149.32	148.55
15	151.72	149.59	148.73	148.62	147.22	147.19	147.52	147.45	148.07	148.73	149.43	149.00
20	151.00	149.92	148.57	148.65	146.90	147.20	147.66	147.46	148.15	148.87	149.42	148.25
25	151.88	149.91	148.57	148.90	146.80	147.40	147.57	147.69	148.34	148.87	149.41	147.62
Eom	149.87	149.80	148.74	148.35	146.93	147.29	147.01	147.89	148.43	148.97	149.44	147.89

1968

5	j148.30	j146.95	.....	j145.22	j144.08	j142.64	j143.32	j144.04	j144.74	j145.60	j146.25	.....
10	j148.00	j146.62	.....	j144.76	j144.32	j142.71	j143.29	j143.97	j144.83	j145.75	j146.30	.....
15	j147.90	j147.04	.....	j144.75	j143.35	j142.90	j143.61	j144.15	j144.95	j145.86	j146.35	.....
20	j148.05	j146.75	.....	j144.21	j142.90	j142.95	j143.64	j144.43	j145.22	j145.97	j146.90	.....
25	j147.17	j147.35	.....	j144.17	j142.91	j142.82	j143.75	j144.53	j145.23	j146.07	j147.00	.....
Eom	j147.32	.....	j145.78	j144.09	j142.65	j143.23	j143.80	j144.58	j145.54	j146.27	.....	j147.17

j Affected by barometric pressure or other adverse conditions.

Union County

373942N0875613.1. J. A. Schneider, Morganfield. Drilled unused artesian well in fault zone in rocks of Carbonate Formation of Middle Pennsylvanian age, diam 6 in, depth 59 ft, length of casing unknown. 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: 1951-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.95	15.66	13.40	8.48	8.15	10.35	12.50	13.87	14.92	15.24	15.72	14.40
10	15.95	15.66	10.40	7.90	8.25	10.33	12.68	14.13	15.14	15.31	15.73	13.87
15	15.92	15.40	8.97	8.00	8.60	11.26	12.92	14.40	15.35	15.37	15.77	12.67
20	15.85	15.26	8.22	7.95	8.99	11.54	13.09	14.65	15.30	15.51	15.71	12.45
25	15.78	15.13	8.94	7.23	9.05	12.07	13.34	h14.85	15.28	15.60	15.60	12.25
Eom	15.85	15.05	8.42	7.77	10.01	12.41	13.61	14.72	15.20	15.69	15.40	11.76

1965

5	11.12	9.43	5.91	5.36	6.38	10.23	11.48	12.68	13.30	11.84	11.30	11.30
10	10.66	8.03	5.87	5.42	6.93	10.32	11.08	13.11	13.33	11.40	11.85	11.66
15	10.18	7.11	6.15	5.40	7.51	9.46	11.18	13.40	11.70	11.36	11.32	11.28
20	10.05	7.18	6.36	5.28	e8.50	9.92	11.37	13.72	11.76	11.38	11.84	11.15
25	9.97	7.33	6.30	5.64	8.80	10.49	11.70	14.04	.....	11.58	11.75	11.25
Eom	9.35	7.05	5.61	5.89	9.64	11.05	12.73	14.03	11.60	11.63	11.55	11.18

1966

5	8.90	9.89	6.65	7.83	4.59	5.96	9.80	.....	.....	13.90	13.80	12.84
10	8.57	7.60	6.97	8.05	5.32	7.82	10.43	.....	.....	13.96	13.62	10.80
15	8.57	6.99	7.02	6.92	4.87	7.84	11.00	.....	.....	13.98	13.50	10.11
20	8.90	6.98	7.26	6.53	4.40	8.53	11.45	.....	.....	13.85	13.63	10.01
25	9.06	6.94	7.46	5.62	4.17	8.29	h11.71	.....	.....	13.80	13.26	10.20
Eom	9.25	6.77	7.53	4.75	5.25	9.05	.....	12.89	13.83	13.24	13.01	9.25

1967

5	9.41	8.02	7.68	7.33	6.15	7.48	9.33	10.06	12.39	13.41	11.57	8.50
10	9.39	8.25	6.80	7.65	6.48	8.07	8.92	10.50	12.15	13.47	11.31	8.21
15	9.50	8.49	6.65	7.67	5.65	8.76	9.08	10.66	12.90	13.52	10.40	7.56
20	9.59	8.69	6.78	7.93	5.85	9.08	9.67	11.27	13.13	12.18	10.30	7.19
25	9.58	8.85	7.26	7.65	6.44	9.05	9.78	11.65	13.18	12.05	10.27	6.80
Eom	8.87	8.04	7.15	6.89	7.15	8.99	9.81	12.01	13.26	11.80	9.82	7.85

1968

5	7.75	5.52	7.02	3.47	5.57	5.58	9.18	8.70	11.75	12.37	13.09	7.67
10	7.96	5.88	7.07	4.13	6.10	6.45	9.24	9.30	12.00	12.96	11.75	7.97
15	8.13	6.30	6.67	4.37	5.40	7.21	9.20	9.82	12.33	13.07	10.13	8.01
20	8.05	6.45	6.12	4.02	5.96	7.56	9.16	10.47	12.34	13.07	11.00	8.05
25	7.17	6.86	4.42	4.35	6.37	8.26	9.50	10.85	12.42	13.07	10.84	7.31
Eom	6.52	6.94	4.35	4.88	6.50	9.03	8.70	11.40	12.64	13.17	9.25	6.80

e Estimated.

h Tape measurement.

Wolfe County

374107N0832048.1. Mrs. Lexi Couch, Rosefork. Dug unused water-table well in mantle and Breathitt Formation of Early and 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 7.50 below lsd, Sept. 27, 1964. Records available: 1954-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.19	5.11	4.62	5.07	5.00	5.12	5.45	5.32	6.52	5.25	5.81	4.72
10	4.75	5.01	4.58	4.98	5.05	5.23	5.20	5.50	6.80	5.54	5.87	5.10
15	5.13	4.60	4.86	4.99	5.05	5.28	5.06	5.43	7.10	5.87	5.88	4.96
20	4.71	4.88	5.03	4.40	5.12	5.13	5.17	5.70	7.30	5.60	4.50	4.95
25	5.00	....	5.00	5.00	5.12	5.20	5.28	5.88	7.45	5.69	....	4.58
Eom	5.11	h5.10	5.06	4.95	5.09	5.30	5.41	6.23	5.54	5.75	....	4.97

1965

5	4.90	5.08	4.75	5.00	5.07	5.38	5.44	5.45	5.24	5.20	5.37	5.18
10	3.75	4.92	4.89	4.70	5.09	5.23	5.35	5.70	5.39	5.00	5.35	5.28
15	4.93	4.95	5.01	4.92	5.10	5.30	5.42	6.00	5.33	5.18	5.35	5.30
20	5.03	5.05	4.90	4.94	5.13	5.35	5.45	6.04	5.46	5.25	5.27	5.35
25	4.84	4.88	4.13	....	5.23	5.53	5.07	5.06	5.33	5.10	5.24	5.34
Eom	5.03	4.85	4.79	5.02	5.34	5.55	5.18	5.02	5.37	5.22	5.04	5.34

1966

5	4.90	5.21	4.67	4.98	4.74	5.18	5.85	5.17	5.08	4.92	4.87	....
10	4.95	4.30	4.92	5.91	4.84	5.23	5.25	5.12	5.21	5.10	4.85	3.25
15	5.06	4.80	4.94	4.68	4.83	5.36	5.07	4.77	5.00	5.17	4.97	4.97
20	5.15	4.91	4.97	4.86	4.86	5.35	5.17	5.06	4.77	5.14	5.05	5.01
25	5.20	4.93	4.95	....	4.92	5.64	5.30	....	4.99	5.15	5.05	5.04
Eom	5.23	4.94	4.94	3.80	5.03	5.90	5.26	5.12	4.87	4.64	4.88	....

374107N0832048.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	5.02	4.90	4.86	4.91	4.82	4.86	5.16	5.10	5.43	5.38	4.95	4.88
10	5.04	4.94	4.83	4.90	4.78	4.93	4.98	5.19	5.53	5.40	5.16	5.02
15	5.00	4.96	4.36	4.95	3.94	5.05	5.07	5.36	5.68	5.50	5.22	4.96
20	4.99	4.81	4.34	4.90	4.58	5.15	5.18	5.24	5.84	5.64	5.27	4.84
25	4.96	4.87	4.86	4.82	4.86	5.15	....	5.23	5.94	5.34	4.81	4.88
Eom	4.93	4.77	4.85	4.83	4.92	5.18	4.73	5.24	5.32	5.28	3.85	5.00
1968												
5	4.90	4.91	5.03	4.36	4.87	4.88	4.92	4.83	4.08	3.91	5.05	4.58
10	4.97	4.94	4.78	4.73	4.83	4.93	4.99	4.79	3.95	....	4.93	4.86
15	4.97	4.99	4.79	4.75	4.52	5.07	4.35	4.41	4.11	....	....	4.88
20	4.74	5.01	4.79	4.89	4.86	5.09	4.88	4.82	3.99	....	....	4.88
25	....	5.04	4.78	4.92	4.84	5.11	5.06	....	4.07	....	4.85	4.80
Eom	4.93	5.03	4.63	4.92	4.70	5.12	4.87	....	4.16	4.96	4.75	....

h Tape measurement.

j Affected by barometric pressure or other adverse conditions.

References

- Mull, D. S., and Pickering, R. J., 1968, Water resources of the Middlesboro area, Kentucky: Kentucky Geol. Survey Rept. Inv. 9, Ser. X.
- Whitesides, D. V., and Nichols, E. S., 1961, Water levels in observation wells in Jefferson County, Kentucky, 1935 through 1960: Kentucky Geol. Survey Inf. Circ. 6, Ser. X.
- _____, 1961, Water levels in observation wells in Kentucky excluding Jefferson County, 1948 through 1960: Kentucky Geol. Survey Inf. Circ. 7, Ser. X.

MARYLAND

The observation-well program in Maryland was continued during the period 1964 through 1968 in cooperation with the Maryland Geological Survey. Figure 6 shows the location of the twenty wells selected for inclusion in this report. Available for inspection at the Baltimore Field Headquarters are unpublished water-level measurements for the approximately one hundred other wells and springs that comprise the rest of the regular observation-well network.

Well-Numbering System

The digits preceding the letter "N" indicate the latitude of the well north of the equator. The digits between the "N" and the decimal point indicate the longitude west of the Greenwich meridian. Both latitude and longitude are determined to the nearest second. The digit following the decimal indicates the scheduling sequence in the 100-foot square formed by the seconds of latitude and longitude. This system was initiated in the 1963 report.

Local well numbers are also shown in order to insure the correct identification of a particular well and because the local well-numbering system is still used for convenient reference. In this 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. Measurements preceded by a plus sign (+) are above land surface.

City of Baltimore

391617N0763220.1. 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, cased to unknown depth. Lsd 32 ft above msl. MP top of casing, 1.8 ft above lsd (since Apr. 28, 1966). Highest water level 57.70 below lsd, Jan. 31, 1967; lowest 103.70 below lsd, Oct. 15, 1948. Records available: 1934, 1943-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1964	59.68	Feb. 1, 1965	69.58	Mar. 2, 1966	63.52	Aug. 9, 1967	59.99
Feb. 5	59.17	Mar. 9	61.53	Apr. 7	62.59	Sept. 12	66.10
Mar. 5	65.18	Apr. 1	64.14	28	62.06	Oct. 27	65.38
Apr. 6	66.35	May 3	64.88	June 15	60.97	Dec. 7	64.84
May 5	64.83	June 2	70.39	Aug. 4	63.73	Jan. 11, 1968	65.85
June 2	66.10	July 6	70.54	Sept. 16	63.89	Feb. 21	64.52
29	62.79	Aug. 2	70.71	Oct. 11	63.61	Apr. 10	61.16
Aug. 6	69.39	Sept. 13	70.47	Nov. 16	62.80	May 20	61.45
Sept. 4	70.02	29	70.38	Dec. 27	63.48	June 27	61.70
29	70.65	Nov. 2	65.72	Jan. 31, 1967	57.70	Aug. 13	71.45
Nov. 10	70.81	Dec. 7	64.83	Mar. 15	62.56	Sept. 27	68.47
Dec. 1	68.57	Jan. 5, 1966	64.27	Apr. 24	62.40	Nov. 6	67.60
Jan. 6, 1965	69.00	Feb. 9	63.87	June 21	62.40	Dec. 19	64.29

391431N0763423.1. 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 300, screened 300-325. Lsd 10 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: 1947-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1964	48.62	Nov. 10, 1964	33.57	Sept. 13, 1965	35.08	Aug. 4, 1966	37.81
Feb. 5	49.16	Dec. 1	35.44	29	35.32	Sept. 16	37.98
Mar. 5	48.27	Jan. 6, 1965	35.93	Nov. 2	34.66	Oct. 11	38.14
Apr. 6	49.69	Feb. 1	36.12	Dec. 7	38.89	Nov. 16	35.30
May 5	52.64	Mar. 9	34.67	Jan. 5, 1966	35.22	Dec. 29	35.88
June 2	45.46	Apr. 1	34.91	Feb. 9	36.60	Jan. 31, 1967	36.19
29	35.25	May 3	35.29	Mar. 2	34.58	Mar. 14	36.16
Aug. 6	34.27	June 2	35.59	Apr. 7	34.41	Apr. 24	37.52
Sept. 4	35.91	July 6	35.82	28	33.26	June 21	33.05
29	33.80	Aug. 3	35.15	June 15	34.55	Aug. 9	33.47

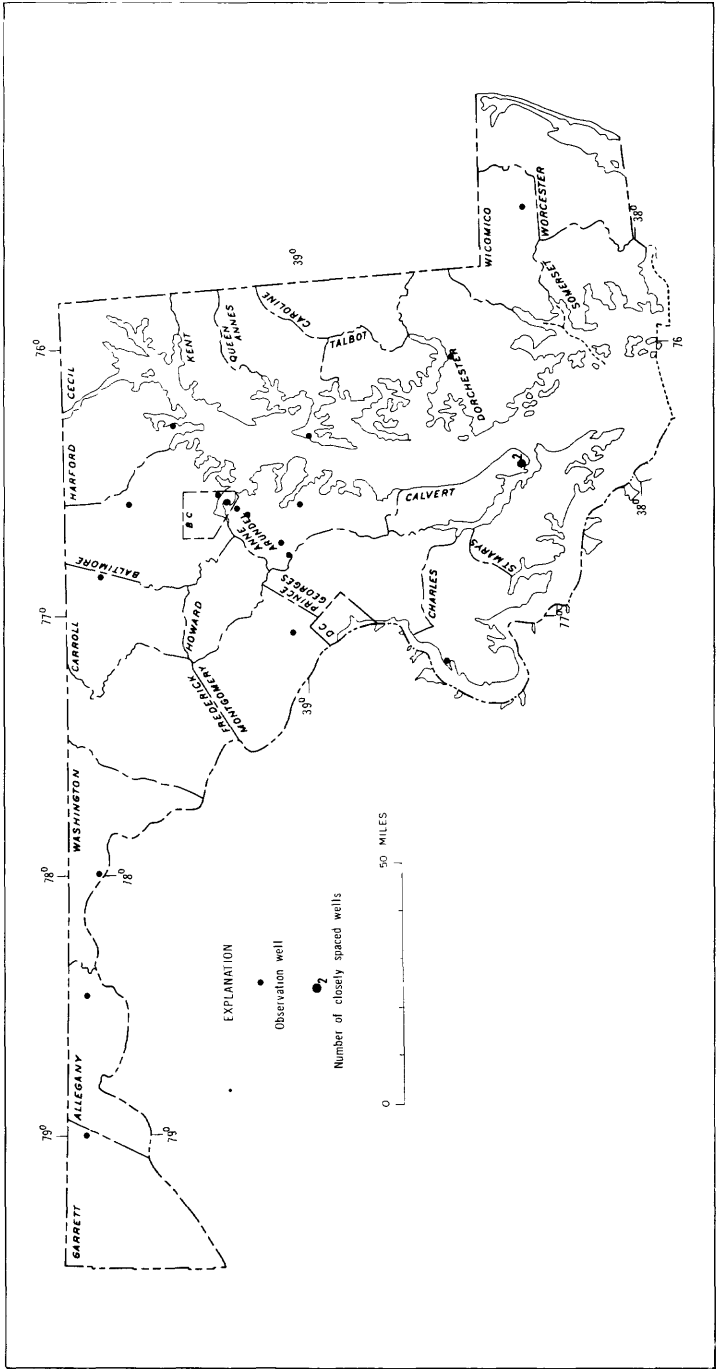


Figure 6. --Location of observation wells in Maryland, 1964-68.

391431N0763423.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 12, 1967	36.98	Jan. 11, 1968	37.73	May 20, 1968	34.72	Sept. 27, 1968	37.68
Oct. 27	36.28	Feb. 21	38.63	June 27	35.44	Nov. 6	36.15
Dec. 7	36.14	Apr. 10	36.28	Aug. 13	38.05	Dec. 19	36.20

Allegany County

394024N0782735.1. Local number All-Ah 1. Green Ridge State Forest. On Fifteenmile Creek. Drilled public-supply artesian well in sediments of the Jennings Formation of Late Devonian age, diam 8 in, depth 113 ft, cased to unknown depth. Lsd 720 ft above msl. MP top of casing, at lsd. Highest water level 2.18 below lsd, D:c. 30, 1950; lowest 22.80 below lsd, July 16, 1968. Records available: 1949-68.

Jan. 8, 1964	5.58	May 5, 1966	7.19	Apr. 20, 1967	15.80	Jan. 24, 1968	4.42
Apr. 2	a16.87	June 8	9.48	June 7	17.02	Mar. 7	b17.34
3	7.02	July 27	7.47	26	6.30	Apr. 29	15.70
July 8	6.32	Aug. 2	b14.50	July 12	e7.8	June 6	16.79
Oct. 14	7.70	Sept. 9	b15.30	19	16.86	July 16	ah22.80
Jan. 11, 1965	a15.18	Oct. 20	6.63	Aug. 28	18.47	17	19.75
Apr. 8	6.06	Dec. 7	11.69	Oct. 5	17.50	Aug. 22	19.55
July 14	a16.60	Jan. 19, 1967	14.68	Nov. 9	8.86	Oct. 4	8.03
Oct. 5	6.85	Mar. 3	13.30	Dec. 21	5.89	Dec. 20	17.55
Jan. 6, 1966	7.17						

a Well being pumped.

b Well pumped recently.

e Estimated.

h Tape measurement.

Anne Arundel County

391208N0763535.1. Local number AA-Ad 10. U.S. Army Reserve Center. Formerly General Services Administration. Curtis Bay. Drilled unused artesian well in sand of Patapsco Formation of Early Cretaceous age, diam 8 to 6 in, depth 109 ft, length of casing and screen unknown. Lsd 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, Apr. 21, 1944. Records available: 1944, 1946-68.

Jan. 3, 1964	33.53	Feb. 1, 1965	32.25	Mar. 2, 1966	35.06	Aug. 9, 1967	34.05
Feb. 5	33.46	Mar. 9	33.85	Apr. 7	34.95	Sept. 12	34.23
Mar. 5	33.40	Apr. 1	33.91	28	35.10	Oct. 27	34.25
Apr. 6	33.57	May 3	34.07	June 14	34.87	Dec. 7	34.26
May 5	32.52	June 2	34.17	Aug. 4	35.09	Jan. 11, 1968	34.58
June 2	32.17	July 6	34.26	Sept. 16	35.99	Feb. 21	34.53
29	32.37	Aug. 3	34.37	Oct. 11	35.16	Apr. 10	34.18
Aug. 6	32.54	Sept. 14	34.19	Nov. 16	35.03	May 20	34.10
Sept. 4	32.79	29	34.24	Dec. 29	34.65	June 27	34.10
29	32.96	Nov. 2	34.53	Feb. 1, 1967	34.92	Sept. 27	33.89
Nov. 10	33.06	Dec. 7	34.82	Mar. 14	34.30	Nov. 6	34.08
Dec. 1	32.81	Jan. 5, 1966	34.71	Apr. 24	34.58	Dec. 19	34.06
Jan. 6, 1965	32.57	Feb. 9	35.02	June 21	34.00		

391015N0763735.1. Local number AA-Ad 29. Anne Arundel County Dept. of Public Works. Formerly Anne Arundel 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, cased 0-395, 400-460, casing slotted 395-400, 460-500 (since Mar. 19, 1968). MP top of casing, 16.30 ft above lsd. Highest water level 14.15 above lsd, Sept. 1, 1952; lowest 16.8 below lsd, June 21, 1967. Records available: 1948-68. Recording gage removed Jan. 18, 1968.

Jan. 3, 1964	-2.55	Nov. 10, 1964	-4.65	Sept. 14, 1965	-8.54	Jan. 10, 1967	-8.19
Feb. 10	2.82	Dec. 1	-1.50	29	6.55	Mar. 1	9.68
Mar. 6	4.31	Jan. 6, 1965	+1.03	Nov. 2	5.70	Apr. 17	9.20
Apr. 6	2.18	Feb. 1	.18	Dec. 2	3.19	24	11.82
May 5	5.43	Mar. 9	+4.48	Jan. 4, 1966	2.46	May 3	13.35
June 2	11.12	Apr. 2	-6.76	Feb. 8	4.79	June 21	16.8
29	12.99	May 3	11.10	Mar. 2	2.08	Jan. 12, 1968	12.08
Aug. 6	15.04	June 2	11.96	Nov. 29	4.46	15	12.90
Sept. 29	14.82	July 7	16.60	Dec. 21	7.67	Feb. 20	13.64

390303N0764632.1. Local number AA-Ch 1. U.S. Army. Duvall Bridge Rd. Fort George G. Meade. Drilled unused artesian well in sand of Patuxent Formation of Early Cretaceous age, diam 6 in, depth 505 ft, cased to 485, screened 485-505. Lsd 126 ft above msl. MP hole in well cap, at lsd. Highest water level 40.60 below lsd, May 1, 1962; lowest 60.31 below lsd, Aug. 16, 1968. Records available: 1962-68. Recording gage removed for repair June 21, 1967; replaced June 23, 1967. Recorder and chart stolen (date unknown). Recording gage reinstalled Feb. 6, 1968.

Mar. 28, 1962	40.74	Dec. 11, 1962	41.49	June 4, 1963	41.70	Feb. 14, 1964	42.30
May 1	40.60	Jan. 14, 1963	41.54	July 17	42.41	Mar. 11	42.36
June 27	41.18	Feb. 14	41.28	Sept. 4	43.09	31	42.16
Aug. 2	41.58	Mar. 6	41.12	Oct. 14	43.20	May 7	42.04
Sept. 10	41.71	Apr. 3	41.28	Dec. 14	43.24	June 5	43.36
Oct. 10	41.82	May 1	41.52	Jan. 10, 1964	42.51	July 2	43.56

390303N0764632, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 13, 1964	43.70	Oct. 1, 1965	46.56	Dec. 15, 1966	50.25	Nov. 14, 1967	54.93
Aug. 11	43.90	27	47.08	Jan. 2, 1967	49.78	Jan. 4, 1968	55.45
Sept. 2	44.19	Dec. 2	46.96	3	49.81	Feb. 6	55.48
Oct. 2	44.44	Jan. 4, 1966	47.23	Feb. 2	48.92	26	55.83
Nov. 13	44.00	Feb. 8	47.27	16	48.76	Apr. 11	56.82
Dec. 3	43.70	Mar. 2	47.21	23	48.45	19	57.11
Jan. 8, 1965	43.36	Apr. 1	47.02	Mar. 14	48.01	30	57.40
Feb. 5	43.77	May 4	47.98	Apr. 4	48.37	May 8	57.88
Mar. 5	42.79	24	48.25	7	47.84	June 5	58.15
Apr. 7	42.90	June 2	48.46	May 12	48.50	July 15	58.79
May 7	43.27	July 2	49.72	June 21	51.78	Aug. 13	60.12
June 4	43.75	21	51.22	July 5	52.96	20	60.01
July 8	44.84	Sept. 27	52.32	Aug. 7	53.48	Sept. 2	59.88
Aug. 1	45.13	Oct. 18	51.47	Sept. 6	53.53	Oct. 16	59.24
Sept. 3	45.68	Nov. 26	50.51	Oct. 10	55.05	Nov. 26	58.28
6	45.84	Dec. 9	50.37				

390423N0764320.1. Local number AA-Cc 40. U. S. Army. Rifle Range Rd. Fort George G. Meade. Drilled unused artesian well in sand of Patapsco Formation of Early 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 49.22 below lsd, June 2, 1966. Records available: 1959-68.

Jan. 10, 1964	46.10	Feb. 5, 1965	46.00	Mar. 2, 1966	47.06	July 5, 1967	46.64
Feb. 14	44.66	Mar. 5	45.71	Apr. 1	47.24	Aug. 7	47.05
Mar. 11	44.50	Apr. 7	45.98	May 4	47.00	Sept. 6	46.56
31	44.91	May 7	45.61	June 2	49.22	Oct. 10	46.86
May 7	44.07	June 4	45.90	July 22	47.93	Nov. 14	46.78
June 5	44.55	July 8	46.33	Sept. 27	47.81	Jan. 4, 1968	46.41
July 2	44.60	Aug. 1	45.99	Oct. 18	48.01	Feb. 26	46.15
Aug. 11	45.17	Sept. 3	47.25	Nov. 26	47.23	Apr. 19	46.02
Sept. 2	45.94	Oct. 1	47.31	30	47.33	June 5	46.31
Oct. 2	45.38	27	47.66	Jan. 3, 1967	46.81	July 15	46.61
Nov. 13	46.25	Dec. 2	47.42	Feb. 16	46.80	Sept. 2	46.74
Dec. 3	45.89	Jan. 4, 1966	47.00	Apr. 4	46.58	Oct. 16	47.04
Jan. 8, 1965	45.17	Feb. 8	46.83	May 12	46.40	Nov. 26	46.71

390118N0763611.1. Local number AA-Cd 10. Crownsville State Hospital. Crownsville. Drilled unused artesian well in sand of Patapsco Formation of Early 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: 1949-68.

Mar. 10, 1964	112.92	June 3, 1965	113.23	May 4, 1966	113.98	Sept. 15, 1967	115.03
June 4	113.56	July 7	112.87	June 3	114.42	Oct. 9	114.87
Sept. 1	113.79	31	112.62	July 19	114.99	Nov. 16	114.78
Oct. 1	113.42	Sept. 2	113.02	Sept. 29	115.12	Jan. 4, 1968	115.53
Nov. 12	113.87	30	113.11	Oct. 17	114.99	Mar. 13	114.53
Dec. 2	113.29	Oct. 26	113.23	Nov. 18	114.71	Apr. 23	114.48
Jan. 7, 1965	113.05	Dec. 2	113.40	Jan. 3, 1967	114.37	June 3	114.35
Feb. 4	114.09	Jan. 4, 1966	115.65	Feb. 20	114.29	July 18	114.67
Mar. 4	113.62	Feb. 3	115.47	May 9	114.10	Sept. 2	115.43
Apr. 6	112.81	Mar. 2	114.36	June 14	114.78	Oct. 15	118.84
May 6	113.61	Apr. 1	114.10	July 26	115.05	Nov. 21	115.40

Baltimore County

393102N0763418.1. Local number Bal-Ce 21. Maryland National Guard. Jacksonville. Drilled unused water-table well in Wissahickon Formation (lower pelitic schist) of late Precambrian(?) age, diam 10 to 6 in, depth 350 ft, cased to 33. Lsd 536 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 13.81 below lsd, May 7, 1958; lowest 21.54 below lsd, Feb. 10, 1966. Records available: 1955-68.

Jan. 22, 1964	17.72	Mar. 10, 1965	16.93	Apr. 4, 1966	19.75	Sept. 11, 1967	14.57
Feb. 6	17.58	Apr. 2	16.48	26	19.40	Oct. 25	17.10
Mar. 2	17.46	May 4	16.32	June 14	18.73	Dec. 6	17.98
Apr. 1	15.84	June 1	17.83	July 19	19.56	Jan. 10, 1968	17.20
May 8	14.88	July 2	18.90	Sept. 12	21.21	Feb. 23	17.45
June 3	16.00	Aug. 2	19.28	Oct. 10	20.74	Apr. 5	17.76
30	17.40	Sept. 3	20.35	Nov. 18	19.98	May 21	17.65
Aug. 7	17.82	28	20.61	Dec. 28	19.69	June 26	17.30
Sept. 3	18.02	Oct. 29	20.98	Feb. 4, 1967	18.42	Aug. 12	18.65
Nov. 11	18.38	Dec. 6	21.17	Mar. 13	17.00	Sept. 27	19.70
Dec. 4	18.69	Jan. 4, 1966	21.36	Apr. 23	16.81	Nov. 8	19.52
Jan. 5, 1965	19.47	Feb. 10	21.54	June 20	17.92	Dec. 19	18.17
Feb. 2	18.53	Mar. 1	20.24	Aug. 7	17.10	31	18.30

Calvert County

381954N0762721.1. Local number Cal-Gd 5. Lord Calvert Yacht Club. 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, lowest 56.5 below lsd, Jan. 15, 1944. Records available: 1942, 1944, 1949-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1964	23.06	Dec. 3, 1965	23.29	Nov. 30, 1966	22.57	Nov. 21, 1967	24.23
Feb. 10	23.36	Jan. 4, 1966	21.88	Jan. 10, 1967	21.95	Jan. 11, 1968	23.44
May 6	22.09	Mar. 17	21.47	Mar. 2	22.09	Mar. 14	22.37
Aug. 11	21.91	Apr. 6	21.69	Apr. 4	22.14	Apr. 25	22.06
Nov. 12	22.17	27	22.17	May 10	22.03	June 11, 1968	22.48
Jan. 7	22.83	May 31	22.31	July 3	22.24	July 18	23.77
Apr. 6	21.04	July 21	22.50	24	23.38	Sept. 7	23.23
July 7	21.51	Sept. 16	22.75	Sept. 13	22.89	Oct. 21	24.26
Sept. 30	23.18	Oct. 20	21.09	Oct. 19	23.14	Dec. 3	24.13

381952N0762709.1. Local number Cal-Gd 6. Lord Calvert Yacht Club. Near Solomons. Drilled unused artesian well in Aquia Formation of Paleocene 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 ft above lsd. Highest water level 0.00 below lsd, 1942; lowest 58.9 below lsd, Jan. 13, 1944. Records available: 1942, 1944, 1949-68.

Jan. 6, 1964	36.38	Dec. 3, 1965	37.26	Jan. 10, 1967	33.92	Jan. 11, 1968	34.46
Feb. 10	36.60	Jan. 20, 1966	33.00	Mar. 2	34.46	Mar. 14	35.27
May 6	34.82	Apr. 6	32.01	Apr. 4	34.90	Apr. 25	34.49
Aug. 10	33.91	27	32.30	May 10	34.71	June 11	35.07
Nov. 12	35.00	May 31	32.58	July 3	35.55	July 18	36.60
Jan. 7, 1965	36.08	Aug. 2	33.75	24	35.97	Sept. 7	38.99
Apr. 6	34.87	Sept. 16	35.27	Sept. 13	35.86	Oct. 21	37.50
July 7	35.62	Oct. 20	34.96	Oct. 19	36.22	Dec. 3	37.44
Sept. 30	37.00	Nov. 30	34.45	Nov. 21	35.93		

Carroll County

393638N0765100.1. Local number Car-Bf-1. Town of Hampstead. Drilled unused water-table well in Wissahickon Formation (upper pelitic schist) of late Precambrian(?) 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 76.26 below lsd, Feb. 10, 1966. Records available: 1946-47, 1949-68.

Jan. 22, 1964	75.32	Mar. 10, 1965	70.66	Apr. 27, 1966	71.70	Sept. 13, 1967	60.90
Feb. 6	75.25	Apr. 2	68.59	June 17	69.81	Oct. 25	61.02
Mar. 2	75.09	May 4	66.03	July 19	70.59	Dec. 6	61.57
Apr. 1	74.69	June 1	64.90	Sept. 12	73.38	30	60.49
May 8	61.61	July 2	69.14	19	73.72	Jan. 10, 1968	60.75
June 3	62.71	Aug. 2	70.62	Oct. 10	74.33	Feb. 23	56.42
30	65.72	Sept. 3	72.28	Nov. 18	75.07	Apr. 5	60.30
Aug. 7	68.76	28	72.56	Dec. 19	75.41	May 21	53.40
Sept. 3	71.44	Oct. 29	74.14	29	75.41	June 26	64.35
Oct. 13	72.42	Dec. 6	75.10	Feb. 2, 1967	74.40	Aug. 12	68.00
Nov. 11	74.89	Jan. 4, 1966	75.77	Mar. 13	70.93	Sept. 27	69.69
Dec. 4	75.00	Feb. 10	76.26	Apr. 23	67.71	Nov. 25	71.64
Jan. 5, 1965	75.44	Mar. 3	74.10	June 20	68.03	Dec. 20	69.70
Feb. 2	74.86	Apr. 8	71.32	Aug. 7	67.21	31	69.52

Charles County

383422N0771146.1. Local number Ch-Cb 7. U.S. Navy. Naval Ordnance Station. Indian Head. Drilled unused artesian well in sand of Patapsco and Raritan Formations of Early 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 (since Aug. 1, 1965). Highest water level 57.35 below lsd, Apr. 18, 1952; lowest 88.58 below lsd, Oct. 22, 1968. Records available: 1953-68. Recording gage removed July 8, 1965

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	73.60	71.63	69.76	69.09	.....	66.23	67.82	.....	66.20	66.21	.....	64.53
10	72.82	.....	69.57	68.69	66.57	66.30	67.45	.....	66.02	65.72	.....	64.66
15	72.63	71.26	69.20	68.14	66.53	67.07	67.43	66.95	65.83	.....	65.30	65.42
20	71.97	70.98	69.45	67.87	66.51	67.54	67.86	66.75	65.62	.....	64.53	66.02
25	71.50	70.92	68.76	67.32	66.52	67.67	67.57	66.55	65.75	.....	64.93	64.88
Eom	71.72	70.60	68.98	66.57	66.30	67.56	67.54	66.30	65.64	.....	64.59	64.71

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1964	69.68	Sept. 2, 1964	66.27	Mar. 5, 1965	64.83	Sept. 3, 1965	65.42
31	68.98	Oct. 2	65.35	Apr. 7	65.70	Oct. 1	64.97
May 7	66.31	Nov. 13	65.20	May 7	65.60	27	65.23
June 5	66.19	Dec. 3	64.37	June 4	63.94	Dec. 3	63.97
July 1	67.66	Jan. 8, 1965	64.33	July 8	64.55	Jan. 5, 1966	71.85
Aug. 11	66.90	Feb. 5	66.82	Aug. 1	65.18	Feb. 4	68.69

383422N0771146.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 4, 1966	80.30	Nov. 21, 1966	81.63	Aug. 3, 1967	83.06	Apr. 19, 1968	87.21
Apr. 8	81.82	Jan. 12, 1967	80.24	Sept. 14	84.54	June 4	85.60
28	82.02	Feb. 27	82.69	Oct. 11	85.73	July 15	85.79
May 26	82.17	Apr. 7	81.68	Nov. 14	85.03	Sept. 5	87.23
July 18	80.86	May 12	79.43	Jan. 5, 1968	84.52	Oct. 22	88.58
Sept. 15	82.57	July 13	79.53	Mar. 4	87.57	Nov. 27	86.60
Oct. 20	81.79						

Dorchester County

383346N0760303.1. Local number Dor-Ce 21. Eastern Shore State Hospital. Near Cambridge. Drilled unused artesian well in sand of Piney Point Formation of late Eocene age, diam 8 to 4½ in, depth 368 ft, cased to 368. Lsd 12 ft above msl. MP top of casing, at lsd. Highest water level 14 below lsd, August 1914; lowest 137.49 below lsd, Feb. 8, 1962. Records available: 1914, 1952, 1956-68.

Jan. 21, 1964	89.26	Feb. 26, 1965	95.24	June 9, 1966	102.97	Aug. 2, 1967	102.27
Feb. 24	85.76	Mar. 26	98.55	July 22	100.48	Sept. 21	107.53
Apr. 1	89.87	Apr. 27	89.36	Aug. 4	103.54	Nov. 7	100.50
May 1	90.32	June 8	98.54	30	112.08	Dec. 4	98.94
June 6	94.12	July 8	94.68	Oct. 14	108.11	Jan. 3 1968	97.29
July 6	94.75	28	93.91	Nov. 15	103.90	Feb. 21	97.65
Aug. 4	87.53	Sept. 15	98.46	Dec. 13	100.68	Mar. 26	100.77
Sept. 9	94.05	Oct. 14	102.99	Jan. 3, 1967	95.07	Apr. 30	99.76
Oct. 14	93.88	Dec. 1	94.80	Feb. 2	102.33	June 5	102.73
Nov. 5	94.17	Jan. 4, 1966	95.45	Mar. 2	97.90	July 12	104.56
Dec. 9	91.20	Feb. 15	102.98	Apr. 10	100.31	Aug. 15	107.53
Jan. 4, 1965	90.72	Mar. 14	97.53	May 15	96.70	Oct. 8	109.46
Feb. 1	95.66	Apr. 27	101.24	June 22	104.24	Nov. 12	107.97
2	97.73						

c Nearly well being pumped.

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 Formation of Early Mississippian age, diam 8 in, depth 30 ft, cased to unknown depth. Lsd 2,530 ft above msl. MP top of casing, at lsd. Highest water level 5.71 below lsd, Jan. 19, 1950; lowest (corrected) 9.37 below lsd, Nov. 24, 1964. Records available: 1946-68.

Jan. 8, 1964	7.86	Oct. 4, 1965	8.93	Sept. 29, 1966	8.70	Sept. 13 1967	8.46
Mar. 17	7.50	18	8.88	Oct. 13	8.72	28	8.57
Apr. 2	7.59	Dec. 14	8.78	25	8.81	Oct. 12	8.67
7	7.35	Jan. 5, 1966	8.65	28	8.81	26	8.40
May 5	7.43	6	9.17	Nov. 18	8.68	Nov. 27	8.27
June 9	7.70	19	8.59	30	8.36	Dec. 26	7.95
July 10	8.00	Feb. 19	8.32	Dec. 21	8.22	Jan. 29, 1968	8.04
Aug. 24	8.61	Mar. 8	8.12	Jan. 3, 1967	8.20	Feb. 7	7.81
Oct. 14	8.76	Apr. 7	7.90	16	8.20	23	7.96
19	9.13	19	7.71	Feb. 1	8.01	Mar. 19	7.65
Nov. 24	9.37	May 1	7.49	27	7.95	25	7.71
Jan. 4, 1965	7.87	11	7.77	Mar. 14	7.45	Apr. 25	7.82
11	9.02	25	7.77	30	7.62	May 24	6.57
Feb. 11	7.51	31	7.80	Apr. 24	7.80	June 24	7.24
Apr. 8	7.77	June 10	7.86	May 4	7.70	July 16	7.33
13	7.52	30	8.06	29	7.58	24	7.37
May 12	7.62	July 11	8.12	June 26	7.78	Aug. 26	7.87
June 10	7.86	28	8.45	July 12	7.83	Sept. 24	8.10
July 1	8.13	Aug. 17	8.69	21	7.87	Oct. 25	8.19
14	8.35	30	8.79	Aug. 21	8.17	Nov. 25	7.76
Aug. 9	8.67	Sept. 6	8.88	28	8.24	Dec. 23	7.52
Sept. 6	8.78						

Harford County

392343N0761619.1. Local number Har-Ed 24. U.S. Army Edgewood Arsenal. Edgewood. Drilled unused artesian well in sand of Patapsco Formation of Early 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 38.40 below lsd, Apr. 23, 1967. Records available: 1944, 1949-68.

Jan. 22, 1964	28.53	Aug. 7, 1964	29.55	Mar. 10, 1965	30.47	Sept. 28, 1965	31.18
Feb. 6	28.44	Sept. 3	29.71	Apr. 2	30.04	Nov. 4	30.21
Mar. 2	28.38	Oct. 5	29.85	May 4	29.95	Dec. 6	29.74
Apr. 1	28.16	Nov. 11	30.02	28	30.21	Jan. 4, 1966	30.19
May 8	27.31	Dec. 4	30.13	July 2	30.42	Feb. 7	30.59
June 3	29.10	Jan. 5, 1965	29.91	30	30.53	Mar. 1	29.48
30	29.44	Feb. 2	30.22	Sept. 6	30.85	Apr. 4	30.01

392343N0761619.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 26, 1966	30.25	Nov. 16, 1966	27.66	Aug. 7, 1967	26.55	Apr. 5, 1968	15.45
June 14	29.59	Dec. 28	25.95	Sept. 13	25.49	June 26	10.98
July 18	30.05	Feb. 2, 1967	27.72	Oct. 25	27.19	Aug. 12	11.00
Sept. 12	29.94	Mar. 13	28.38	Dec. 5	24.22	Sept. 27	11.45
19	29.45	Apr. 23	38.40	Jan. 10, 1968	20.35	Nov. 8	10.75
Oct. 10	30.44	June 20	24.75	Feb. 23	15.35	Dec. 19	11.40

Montgomery County

390358N0770140.1. Local number Mont-Eg 1. Kay Construction Co. Dug unused water-table well in Wissahickon Formation (lower pelitic schist) of late Precambrian(?) age, diam unknown, depth 20 ft, cribbed with loose stones. Lsd 289 ft above msl. MP assumed reference plane, 24.65 ft below lsd. Highest water level 8.96 below lsd, Apr. 28, 1952; lowest 18.51 below lsd, Sept. 13, 1966. Records available: 1932-68.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.24	13.34	12.67	13.63	13.50	14.98	16.28	17.23	18.01	18.19	17.84	17.50
10	13.47	13.28	12.90	12.96	13.70	15.18	16.47	17.35	18.15	18.15	17.82	17.40
15	13.91	13.45	13.25	13.00	13.95	15.42	16.63	17.47	18.26	18.09	17.80	17.02
20	13.80	12.32	13.56	13.28	14.17	15.63	16.78	17.59	18.27	18.00	17.76	17.17
25	13.08	12.25	13.10	13.43	14.40	15.85	16.95	17.74	18.31	17.93	17.60	17.13
Eom	13.20	12.59	13.39	13.36	14.73	16.07	17.14	17.88	18.26	17.88	17.54	16.89

1965

5	16.90	16.18	13.15	13.52	14.46	15.34	16.38	17.27	17.96	18.04	17.43	17.30
10	16.63	15.37	13.68	13.64	14.59	15.51	16.56	17.44	18.01	17.50	17.40	17.30
15	16.65	15.52	13.78	13.80	14.77	15.70	16.64	17.61	17.99	17.64	17.38	17.28
20	16.61	15.43	13.80	14.00	14.92	15.82	16.77	17.79	18.01	17.59	17.36	17.28
25	16.16	15.27	13.96	14.17	15.06	16.01	16.90	17.89	18.02	17.53	17.35	17.27
Eom	16.18	15.33	13.45	14.30	15.21	16.17	17.11	17.91	18.04	17.47	17.33	17.26

1966

5	17.25	17.05	14.96	15.40	14.42	14.46	15.90	17.30	18.30	17.10	16.04	16.01
10	17.10	17.02	15.08	15.51	14.40	14.69	16.12	17.53	18.41	17.09	16.00	16.00
15	17.11	15.26	15.08	14.62	14.46	14.97	16.35	17.69	17.20	17.05	16.05	15.97
20	17.10	15.95	15.15	14.89	14.46	15.21	16.55	17.83	17.81	15.05	16.08	15.78
25	17.07	15.94	15.21	14.85	14.63	15.42	16.81	17.96	17.39	15.98	16.07	15.80
Eom	17.04	15.57	15.27	14.66	14.29	15.66	17.08	18.16	17.27	16.01	15.89	15.41

1967

5	15.31	14.70	14.38	13.46	14.71	15.00	15.94	15.94	15.40	16.76	.....	.....
10	14.98	14.76	12.74	13.68	14.23	15.13	16.08	16.27	15.64	16.87	.....	15.93
15	14.90	14.45	12.72	13.92	14.34	15.33	16.18	16.49	15.90	16.95	.....	15.34
20	14.86	14.54	12.88	14.19	14.51	15.52	16.30	16.60	16.16	16.95	.....	15.45
25	14.83	14.37	12.94	14.40	14.67	15.69	16.37	13.80	16.39	.....	.....	15.36
Eom	14.75	14.32	13.24	14.55	14.86	15.87	16.50	15.15	16.59	.....	.....	14.62

1968

5	14.77	14.36	15.10	13.60	14.96	.....	.....	.....	17.70	18.26	17.98	16.98
10	14.80	14.40	15.21	.....	15.12	.....	.....	.....	17.79	18.28	17.83	17.24
15	13.28	14.59	14.36	14.17	15.26	.....	.....	.....	17.83	18.27	17.56	16.88
20	14.01	14.69	13.07	14.39	15.37	15.00	.....	17.13	17.92	18.20	17.42	17.08
25	14.18	14.86	13.15	14.58	.....	15.26	.....	17.31	18.03	18.07	17.48	16.94
Eom	14.36	14.94	13.31	14.77	14.42	.....	16.38	17.54	18.15	18.04	17.44	16.98

Queen Annes County

385849N0761900.1. Local number QA-Eb 12. Stevensville Fire Dept. Stevensville. Drilled unused artesian well in Aquia Formation of Paleocene age, diam 3 in, depth 206 ft, length of casing unknown. 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: 1953-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	1.48	Apr. 2, 1965	3.19	May 22, 1966	3.36	Aug. 4, 1967	3.50
Feb. 5	1.68	May 18	3.18	June 10	3.54	Sept. 2	3.62
Mar. 3	1.72	June 7	3.40	Aug. 2	3.96	21	3.43
Apr. 9	1.52	July 8	3.46	29	4.26	Nov. 7	3.39
May 6	1.78	30	3.61	Oct. 13	4.00	Dec. 4	3.72
June 11	3.22	Sept. 8	3.64	Nov. 14	3.83	Jan. 3, 1968	3.54
30	3.58	Oct. 1	3.38	Dec. 13	3.71	Feb. 23	3.92
Aug. 7	3.39	Nov. 5	3.26	Jan. 3, 1967	3.90	Mar. 26	3.60
Sept. 2	3.55	Dec. 2	3.71	Feb. 2	3.74	Apr. 30	3.19
Oct. 7	3.53	Jan. 5, 1966	3.96	28	3.93	June 4	3.12
Nov. 13	3.34	Feb. 15	3.75	Apr. 11	3.33	July 12	3.52
Dec. 2	3.48	Mar. 15	3.50	May 15	3.14	Aug. 15	3.70
Jan. 8, 1965	3.50	Apr. 9	3.52	June 21	3.50	Sept. 30	3.77
Feb. 4	3.51	28	3.40	Aug. 3	3.68	Nov. 12	3.17
Mar. 18	3.23						

Washington County

393638N0780013.1. Local number Wa-Be 2. 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. Ls1 470 ft above msl. MP top of stone sill, 0.8 ft above lsd. Highest water level 18.24 below lsd, Apr. 1, 1953; lowest 36.92 below lsd, Jan. 11, 1965. Records available: 1949-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1964	36.59	May 5, 1966	30.35	June 7, 1967	29.85	Feb. 20, 1968	25.60
Apr. 2	24.72	June 8	30.96	26	31.43	Mar. 6	28.40
July 8	32.42	July 27	34.15	July 19	32.90	Apr. 16	28.36
Oct. 14	35.90	Sept. 9	35.41	Aug. 28	32.32	June 5	32.37
Jan. 11, 1965	36.92	Dec. 7	35.72	Oct. 3	33.68	July 10	33.75
Apr. 8	33.38	Jan. 19, 1967	34.12	Nov. 8	32.60	Aug. 19	34.61
July 14	33.71	Mar. 3	31.80	Dec. 20	27.75	Oct. 3	35.45
Oct. 4	35.78	Apr. 20	28.41	Jan. 23, 1968	25.41	Nov. 13	35.83
Jan. 6, 1966	36.18						

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, 2.0 ft above lsd. Highest water level 1.90 below lsd, May 7, 1958; lowest 13.44 (erroneously reported 11.55) below lsd, Sept. 18, 1947. Records available: 1942, 1947-68. Recording cage removed Aug. 20, 1968.

Jan. 21, 1964	4.17	June 3, 1965	7.94	Oct. 18, 1966	9.83	Oct. 3, 1967	7.33
Feb. 25	4.72	July 1	8.17	Nov. 2	9.78	Nov. 3	8.12
Mar. 30	5.04	Aug. 1	8.34	9	9.85	Dec. 5	7.03
Apr. 27	5.43	Sept. 2	6.89	18	9.90	Jan. 4, 1968	5.48
May 28	7.15	Oct. 2	6.09	Dec. 12	10.04	Feb. 6	5.73
July 6	8.43	Nov. 1	7.77	14	10.04	20	6.62
Aug. 3	8.90	Dec. 1	8.44	Jan. 4, 1967	8.83	Mar. 21	4.00
Sept. 9	9.63	Jan. 6, 1966	8.80	6	8.84	29	5.19
28	9.88	Feb. 15	6.10	Feb. 3	8.46	Apr. 16	6.69
Oct. 26	9.28	Mar. 17	6.74	Mar. 4	6.46	May 1	7.08
Dec. 1	9.27	Apr. 25	7.39	Apr. 2	6.82	7	7.37
Jan. 4, 1965	8.32	May 27	7.10	28	7.79	June 1	7.60
Feb. 1	6.94	June 7	6.73	May 31	7.58	July 11	5.83
Mar. 1	7.03	Aug. 1	8.37	June 29	8.19	Aug. 16	8.18
Apr. 1	6.13	Sept. 2	9.28	July 20	8.60	Oct. 7	9.17
May 3	6.84	Oct. 3	9.60	Sept. 3	5.34	Nov. 15	9.23

Reference

Bennett, R. R., and Meyer, R. R., 1952, Geology and ground-water resources of the Baltimore area: Maryland Dept. of Geology, Mines and Water Resources Bull. 4, p. 448-547. (Except for isolated cases of reported water levels, all measurements in this report were published in Water-Supply Papers 987, 1017, and 1024.)

MISSISSIPPI

The observation-well program was continued in Mississippi during 1964 through 1968 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. 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: 1961-68

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1964	87.76	Apr. 8, 1965	75.46	July 14, 1966	84.65	Oct. 19, 1967	96.20
May 20	74.72	July 12	71.64	Oct. 13	89.50	Jan. 18, 1968	80.90
July 20	83.57	Sept. 29	80.74	Jan. 10, 1967	84.56	May 1	79.95
Oct. 19	85.20	Jan. 11, 1966	75.05	Apr. 11	87.10	Aug. 21	92.62
Jan. 19, 1965	77.55	Mar. 17	77.70	July 26	86.90	Oct. 31	90.10

Alcorn County

345456N0893130.1. Local number G57. Drilled unused artesian well in rocks of Paleozoic age, diam 12 in, depth 453 ft, cased to 410. Lsd about 460 ft above msl. MP top of steel casing, 1.00 ft above lsd. Highest water level 100.9 below lsd, Oct. 17, 1962; lowest 155.6 below lsd Sept. 25, 1968. Records available: 1962-68. Affected by nearby pumping. Aug. 13, 1962, 101.29; Sept. 7, 102.71; Oct. 17, 100.90; Jan. 10, 1963, 103.30; Apr. 10, 108.28; July 16, 108.85; Oct. 16, 118.70 (not previously published).

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	118.0	118.8	.....	115.4	117.4	113.2	122.0	123.1	.....	120.1	122.3
10	.....	116.3	119.0	.....	115.2	117.1	113.2	119.8	121.9	.....	119.0	122.2
15	118.6	116.6	120.2	.....	113.7	116.3	114.6	119.8	121.6	122.8	119.8	121.8
20	118.3	119.4	121.9	.....	114.6	119.5	118.1	120.2	122.0	120.7	122.0	122.5
25	119.0	120.4	121.9	117.0	114.1	122.0	121.4	119.9	.....	120.6	121.3	121.0
Eom	118.9	121.4	120.2	115.8	115.2	118.0	120.5	118.9	.....	121.5	118.7	.....
1965												
5	.....	119.9	122.7	e123.6	124.2	128.2	.....	127.9	132.2	127.3	129.7	133.8
10	.....	121.6	123.0	125.4	124.2	128.2	.....	127.4	129.2	126.5	128.9	133.4
15	121.9	120.4	122.6	124.7	125.2	128.8	.....	128.0	127.2	127.6	131.8	131.0
20	121.2	122.9	125.0	124.8	126.6	126.2	.....	131.2	127.3	125.7	125.3	127.1
25	118.9	122.8	124.6	124.8	127.0	.....	e125.3	129.7	128.5	125.7	134.2	125.4
Eom	119.6	122.5	124.4	124.3	125.7	.....	126.7	129.9	126.6	128.5	130.0	126.8
1966												
5	125.2	132.7	133.8	134.4	137.8	138.4	.....	.....	.....	143.5	.....	143.0
10	.....	131.0	134.0	134.6	138.0	140.6	.....	.....	145.4	145.4	.....	.....
15	.....	129.7	135.8	137.9	135.9	139.9	132.2	.....	144.4	146.2	.....	.....
20	.....	128.5	135.3	137.3	138.2	138.9	130.3	.....	144.2	143.4	.....	.....
25	.....	132.0	135.2	137.1	138.9	.....	137.7	.....	142.2	.....	.....	.....
Eom	.....	132.6	135.0	.....	137.2	.....	142.2	.....	145.9	.....	.....	.....

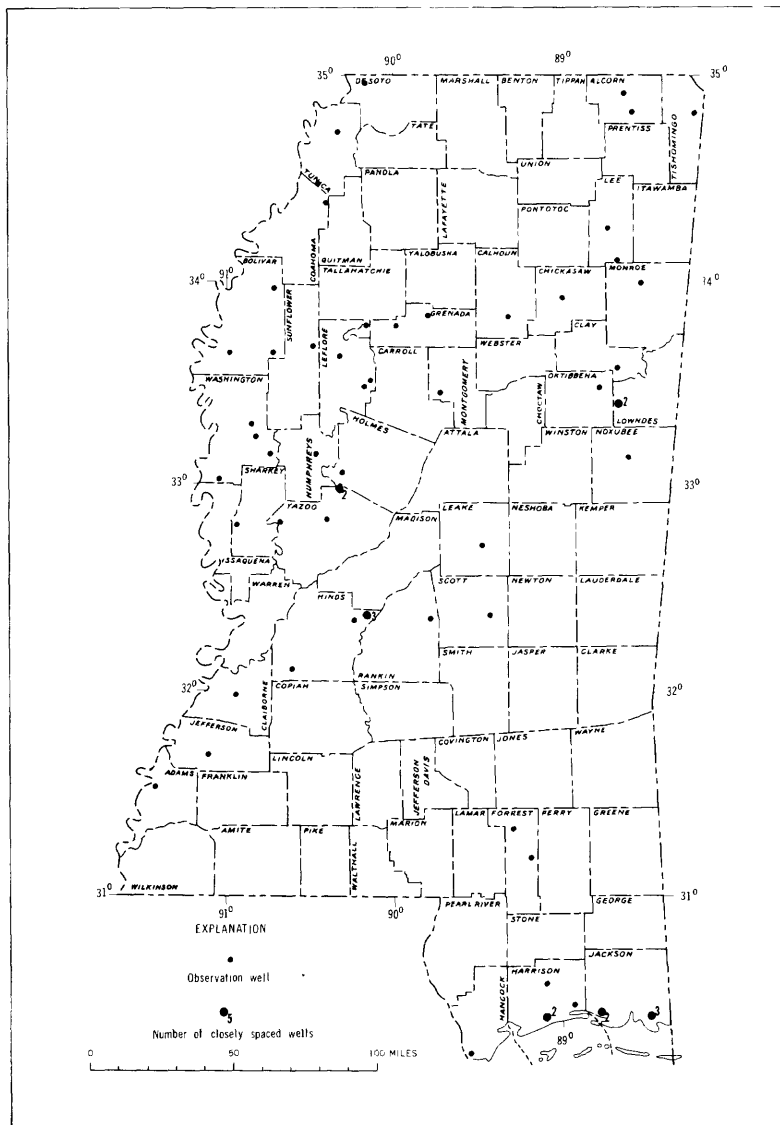


Figure 7.--Location of observation wells in Mississippi, 1964-68.

345456N0883130.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	144.5	144.2	139.4	.....	.....	.....	.....	.....	.....
10	145.6	144.0	142.7	e140.7	.....	.....	.....	.....	e147.1	.....
15	145.7	145.7	.....	140.4	.....	.....	.....	.....	.....	.....
20	144.0	.....	145.6	146.0	143.3	144.2	.....	.....	.....	.....	.....	.....
25	144.2	143.5	140.9	.....	e138.0	.....	e146.2	.....	.....	.....
Eom	145.3	143.3	142.2	.....	.....	.....	146.0	.....	.....	.....
1968												
5	148.2	.....	.....	.....	.....	.....
10	e149.0	.....	.....	.....	e146.2	147.1	.....	.....	.....	.....	.....
15	148.9	148.8	.....	.....	.....	.....	.....
20	150.8	150.7	153.1	.....	.....	.....	.....
25	e147.0	.....	151.8	152.9	.....	155.6	.....	.....	.....
Eom	153.1	.....	.....	154.2	.....	.....	.....

e Estimated.

344642N0883405.1. Local number K11. C. B. Curlee. 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 98.75 below lsd, Apr. 24, 1968. Records available: 1961-68. Apr. 20, 1964, 93.14; Apr. 7, 1965, 94.30; Apr. 26, 1966, 95.50; Apr. 17, 1967, 97.35; Apr. 24, 1968, 98.75.

Bolivar County

335652N0904610.1. Local number D117. Drilled unused 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 lsd (since Mar. 29, 1965). Highest water level 20.6 above lsd, June 1, 1939; lowest 8.74 below lsd, Oct. 20, 1966. Records available: 1939-46, 1948, 1950-67. No measurement made in 1968.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 16, 1964	3.50	Oct. 14, 1965	5.77	Apr. 6, 1966	6.55	Apr. 5, 1967	7.69
Oct. 6	4.99	Jan. 26, 1966	6.97	Oct. 20	8.74	Oct. 26	6.75
Mar. 29, 1965	4.49						

333939N0905403.1. Local number O10. Driven unused water-table well in alluvium of Pleistocene age, diam 1½ in, depth 32 ft, cased to 23, screened 28-32. Lsd 131.04 above msl. MP top of 1½-in 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, 1965-66. No measurement made in 1964, 1967 or 1968. Affected by seasonal irrigation pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1965	16.71	July 27, 1965	19.01	Jan. 26, 1966	16.58	July 12, 1966	18.32
Mar. 2	15.48	Oct. 15	18.04	Apr. 6	15.63	Oct. 20	18.35

333959N0904350.1. Local number Q150. Jones Bayou Gin Association. 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 20.10 above lsd, May 30, 1939; lowest 3.20 below lsd, Oct. 19, 1968. Records available: 1939-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 16, 1964	+3.50	Mar. 29, 1965	+3.85	Apr. 6, 1966	+3.55	Apr. 5, 1967	+3.10
Oct. 6	3.80	Oct. 13	4.15	Oct. 20	3.35	Oct. 19	-3.20

Calhoun County

335119N091823.1. Local number K101. 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 art vent in north side of pumpbase, 1.30 ft above lsd. Highest water level 42.75 below lsd, Mar. 14, 1957; lowest 57.80 below lsd, Apr. 25, 1967. Records available: 1955-67. No measurement made in 1968. Affected by pumping. Apr. 21, 1964, 47.30; Apr. 7, 1965, 48.08; Apr. 26, 1966, 50.92; Apr. 25, 1967, 57.80 (well pumped recently).

Chickasaw County

335140N0890050.1. Local number K37. J. D. McAlpin. 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 64.45 below lsd, Apr. 25, 1967. Records available: 1958-68. July 8, 1964, 63.10; Apr. 7, 1965, 61.63; Apr. 26, 1966, 63.39; Apr. 25, 1967, 64.45; May 2, 1968, 63.45.

Claiborne County

315718N0905915.1. Local number L5. Town of Port Gibson. 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 76.67 below lsd, Apr. 22, 1963; lowest 106.90 below lsd, Sept. 14, 1963. Records available: 1961-68. Affected by nearby pumping.

315718N0905915.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1964	90.87	Apr. 8, 1965	85.57	July 14	92.85	Nov. 8, 1967	93.30
May 20	90.57	July 12	85.70	Oct. 17	90.60	Jan. 18, 1968	85.90
July 20	91.47	Sept. 28	87.34	Jan. 10, 1967	85.80	May 1	90.52
Oct. 19	89.05	Jan. 11, 1966	85.24	Apr. 11	90.10	Aug. 21	86.80
Jan. 19, 1965	86.42	Apr. 27	91.20	July 31	95.00	Oct. 31	94.65

Clay County

333722N0883828.1. Local number H50. City of West Point. Drilled unused artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 4 in, depth 802 ft, cased to 782. Lsd about 240 ft above msl. MP top of 2-in nipple in well head, 2.00 ft above lsd. Highest water level 31.23 below lsd, Oct. 30, 1963; lowest 37.65 below lsd, May 2, 1968. Records available: 1963-68. Affected by nearby pumping. No measurement made in 1964. Oct. 30, 1963, 31.23; Apr. 5, 1965, 32.62; Apr. 27, 1966, 32.77; Apr. 21, 1967, 36.30; May 2, 1968, 37.65.

Coahoma County

342400N0903220.1 (revised). Local number C111. Norfleet & Wilsford. Drilled domestic artesian well in sand of Wilcox Formation of early Eocene age, diam 3 to 2 in, depth 1,837 ft, screened 1,796-1,837. 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 12.5 above lsd, Apr. 5, 1967. Records available: 1940-68. Apr. 16, 1964, +17.3; Mar. 31, 1965, +16.1; Apr. 7, 1966, +14.5; Apr. 5, 1967, +12.5; May 7, 1968, +13.0

De Soto County

345736N0901023.1. Local number A103. H. P. Sullivan. 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 20.34 below lsd, Mar. 31, 1965. Records available: 1939, 1955-68. Apr. 16, 1964, 18.46; Mar. 31, 1965, 20.34; Apr. 7, 1966, 19.60; Apr. 5, 1967, 17.20; May 7, 1968, 15.85.

Forrest County

311930N0891730.1. Local number D130. City of Hattiesburg. Community Center Bldg. 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 12.21 below lsd, Apr. 5, 1968. Records available: 1940-54, 1956-68.

Jan. 17, 1964	8.00	July 20, 1964	7.41	Feb. 24, 1965	7.19	Mar. 23, 1966	9.34
Feb. 17	7.34	Aug. 24	7.05	Apr. 27	7.27	May 17	9.42
Mar. 23	7.03	Sept. 29	7.43	May 26	9.22	Apr. 21, 1967	10.99
Apr. 30	6.47	Oct. 27	7.51	June 29	8.83	Apr. 5, 1968	12.21
June 19	7.80	Jan. 28, 1965	7.21	Dec. 22	10.75		

311137N0891105.1. Local number G116. U.S. Government-Mississippi National Guard, Camp Shelby. Drilled observation artesian well in sand of Hattiesburg Formation of middle and early Miocene age, diam 4 to 3 in depth 392 ft, screened 382-392. Lsd 258.44 ft above msl. MP top of 4-in flange, 2.00 ft above lsd. Highest water level 122.08 below lsd, Apr. 2, 1954; lowest 136.9 below lsd, June 15, 1967. Records available: 1943-45, 1954-68. Recording gage removed May 31, 1968. Occasional pumping nearby.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	129.0	128.5	128.1	127.8	127.5	128.0	130.0	130.0	.....	128.8	129.2	128.6
10	128.8	128.6	128.2	127.6	127.6	128.2	130.6	129.7	.....	.....	129.0	128.5
15	128.8	128.5	127.9	127.7	127.7	128.8	130.0	129.9	.....	.....	129.1	128.3
20	128.8	128.5	127.9	127.5	127.7	129.8	130.0	.....	.....	128.8	129.0	128.3
25	128.6	128.4	127.9	.....	128.0	129.3	130.6	.....	.....	128.8	128.8	.....
Eom	128.6	128.1	127.9	127.4	127.9	129.7	130.6	.....	.....	129.1	128.6	.....
1965												
5	.....	128.2	127.6	.....	128.5	129.1	130.8	130.8	129.7	129.6	129.7	130.0
10	.....	127.9	127.7	.....	128.5	129.5	131.5	130.4	129.6	129.6	129.7	130.2
15	.....	127.8	127.7	128.0	.....	130.0	.....	.....	129.5	129.6	129.7	130.0
20	128.5	127.6	127.9	128.1	128.7	130.5	.....	.....	129.6	129.7	129.5	129.9
25	127.9	127.8	127.8	128.2	128.7	.....	.....	.....	129.7	129.6	130.0	129.6
Eom	128.0	127.6	.....	128.5	128.6	130.3	135.1	129.9	129.6	129.7	130.1	129.6
1966												
5	129.3	129.3	128.5	128.4	128.6	129.2	131.8	.....	131.9	131.4	.....	130.9
10	129.5	129.0	128.5	128.4	128.7	130.3	132.2	.....	131.2	131.4	.....	130.8
15	129.3	128.5	128.3	128.6	128.6	132.0	131.3	133.5	131.2	131.1	131.0	130.3
20	129.3	128.4	129.3	128.5	128.6	131.1	132.6	132.9	131.1	130.5	131.1	130.2
25	129.3	128.7	129.3	128.6	128.8	131.0	132.7	131.3	131.4	.....	130.9	130.4
Eom	129.2	128.3	129.2	128.6	128.5	133.5	.....	131.5	132.8	.....	130.8	130.2

311137N0891105.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	130.1	130.6	131.1	131.0	131.1	132.8	134.1	.....	131.8	131.5	e131.8	e131.6
10	130.2	130.7	131.4	130.8	130.8	134.8	133.7	133.3	131.6	131.5	131.5	131.2
15	130.5	130.9	130.7	131.0	130.8	136.9	132.5	135.1	131.5	131.4	131.5	131.4
20	130.4	130.8	130.7	131.0	131.0	132.7	134.6	133.7	132.2	131.3	131.4	131.2
25	130.7	131.5	130.8	131.2	130.8	133.6	134.4	133.0	131.5	131.5	131.4	131.0
Eom	130.6	131.0	131.0	131.1	131.1	136.4	.....	132.1	131.5	131.2	131.7	131.0
1968												
5	131.0	130.9	131.2	131.2	131.1	.....	.....	.....	.....	.....	.....	.....
10	130.9	131.2	131.1	131.2	131.6	.....	.....	.....	.....	.....	.....	.....
15	130.7	131.1	131.4	131.0	131.3	.....	.....	.....	.....	.....	.....	.....
20	130.9	131.5	131.2	131.2	131.3	.....	.....	.....	.....	.....	.....	.....
25	131.0	131.0	131.1	131.1	131.4	.....	.....	.....	.....	.....	.....	.....
Eom	130.9	131.1	131.2	131.1	132.1	.....	.....	.....	.....	.....	.....	.....
e Estimated.												

e Estimated.

Grenada County

335016N0894718.1. Local number B103. U.S. Government. Grenada Reservoir. 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, 1954-68. Affected by stage of Grenada Reservoir; well is 0.5 mile below dam.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.4	16.5	12.9	....	3.3	4.5	6.4	8.8	11.8	14.5	15.6	18.2
10	18.0	16.7	11.8	....	3.4	4.8	6.7	9.3	12.5	14.7	16.0	18.7
15	17.3	16.8	9.7	....	3.4	5.2	7.0	9.6	13.2	14.6	16.6	18.9
20	17.1	15.8	9.1	5.0	3.8	5.5	7.4	9.9	13.9	14.8	17.2	18.4
25	17.1	15.5	8.8	4.5	4.0	5.9	7.9	10.4	14.3	15.0	17.7	18.2
Eom	16.7	15.5	....	3.5	4.2	6.2	8.5	11.1	14.6	15.2	18.0	18.0
1965												
5	18.1	18.5	11.2	8.5	9.2	10.2	....	14.4	15.5	17.3	20.4	20.6
10	18.2	17.8	10.9	8.0	9.5	10.3	....	14.5	15.6	18.0	20.5	20.6
15	18.2	14.8	10.3	8.0	9.8	10.5	12.5	14.6	15.7	19.0	20.6	20.7
20	18.3	13.9	10.4	8.3	9.8	10.8	13.0	14.9	16.0	19.5	20.5	20.6
25	18.3	13.0	10.2	8.5	10.0	11.1	13.6	15.0	16.0	19.9	20.6	20.6
Eom	18.3	12.2	9.1	8.9	10.0	....	14.0	15.3	16.5	20.2	20.5	20.7
1966												
5	20.7	20.5	11.5	12.3	11.4	10.5	12.2	13.8	15.5	16.8	....	....
10	20.7	19.1	11.4	12.5	11.3	10.6	12.5	14.3	15.7	....	....	....
15	20.6	14.3	11.4	12.7	11.2	10.9	12.9	14.5	15.9	....	....	....
20	....	12.6	11.7	12.6	11.0	11.3	13.0	14.8	16.0	....	....	....
25	20.7	11.8	12.0	12.0	10.3	11.8	13.3	15.0	16.3	....	....	....
Eom	20.7	11.5	12.1	11.8	10.3	12.0	13.6	15.3	16.5	....	....	....
1967												
5	16.8	....	....	....	....	e13.8	....	....	....	16.2	18.9	18.8
10	....	....	....	....	....	....	....	e12.9	....	16.4	19.1	18.7
15	....	....	17.8	....	....	....	....	e13.6	....	16.6	19.3	18.3
20	....	....	....	....	....	....	....	....	....	16.8	19.2	....
25	....	....	....	....	....	....	....	....	....	17.1	19.3	....
Eom	....	....	....	....	....	....	....	....	15.2	17.6	19.3	....
1968												
5	....	6.1	7.7	7.4	6.1	....	....	8.2	10.4	10.8	12.7	14.9
10	....	6.4	7.9	7.3	e6.0	....	....	8.5	10.6	11.1	13.2	14.8
15	....	6.6	7.9	6.7	....	....	....	8.8	10.7	11.4	15.0	14.7
20	....	6.8	7.7	6.1	....	....	....	....	10.7	11.6	15.2	14.6
25	....	7.2	7.9	5.9	....	....	7.6	9.8	10.5	12.0	15.5	14.3
Eom	6.1	7.4	7.4	6.0	....	....	7.9	10.2	10.6	12.4	15.6	13.3

e Estimated.

334556N0895845.1. Local number F112. Holcomb School. 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 8.8 above lsd, Oct. 13, 1965. Records available: 1939-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 14, 1964	+15.2	Oct. 13, 1965	+8.8	Apr. 6, 1967	+9.9	May 6, 1968	+9.2
Oct. 7	12.2	Apr. 7, 1966	9.2	Oct. 27	9.2	Dec. 13	8.9
Mar. 30, 1965	9.4	Oct. 20	10.5				

Hancock County

301610N0893321.1. Local number L73. State Highway Dept. Magnolia Memorial Roadside Park. 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 4.0 above lsd, Nov. 22, 1968. Records available: 1956-64, 1966-68. No measurement made in 1965. Well is under highway with offset pipe running to drinking fountain.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 18, 1964	+5.9	Mar. 30, 1966	+5.1	Jan. 10, 1968	+4.3	Aug. 7, 1968	+4.1
July 21	5.7	July 6	4.6	Apr. 11	4.3	Nov. 22	4.0
Jan. 7, 1966	6.2	Jan. 12, 1967	4.2				

Harrison County

303110N0890702.1. Local number G121. U.S. Fish and Wildlife Service. 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 3-in casing, 0.40 ft above lsd. Highest water level 10.0 below lsd, Apr. 14, 1939; lowest 40.49 below lsd, Nov. 21, 1968. Records available: 1939, 1954-68. Affected by nearby pumping.

May 22, 1964	32.42	Mar. 31, 1966	33.22	Apr. 6, 1967	35.87	Apr. 11, 1968	37.55
Oct. 20	32.70	Oct. 7	36.61	Oct. 3	37.10	Nov. 21	40.49
Jan. 13, 1965	33.12						

302200N0890533.1. Local number L154. U.S. Post Office Dept. Gulfport. Drilled unused artesian well in Pascagoula Formation of late Miocene age, diam 3 in, depth 1,262 ft, screened 1,232-1,262. Lsd 19.62 ft above msl. MP top of 3-in casing tee, 1.70 ft above lsd. Highest water level 27.1 above lsd, Jan. 31, 1940; lowest 4.32 below lsd, Aug. 7, 1968. Records available: 1939-50, 1954-68.

Jan. 22, 1964	+2.30	Apr. 13, 1965	-1.85	July 6, 1966	-1.81	Oct. 3, 1967	-3.12
May 22	2.00	July 7	1.38	29	1.90	Jan. 9, 1968	2.44
July 14	+1.00	Sept. 30	1.36	Oct. 7	2.19	Apr. 10	3.69
Oct. 21	-0.63	Jan. 4, 1966	1.62	Jan. 11, 1967	2.29	Aug. 7	4.32
Jan. 20, 1965	1.01	Mar. 31	1.66	Apr. 14	1.32	Nov. 22	3.96

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 casing tee, 2.00 ft above lsd. Highest water level 38.0 above lsd, Mar. 16, 1939; lowest 6.0 above lsd, Aug. 7, 1968. Records available: 1939, 1956-68.

Jan. 22, 1964	+18.0	Apr. 13, 1965	+12.1	July 6, 1966	+11.0	Jan. 9, 1968	+12.5
May 22	20.5	July 7	9.1	Oct. 7	11.0	Apr. 10	13.0
July 14	13.0	Sept. 30	9.0	Jan. 11, 1967	13.0	Aug. 7	6.0
Oct. 20	14.5	Jan. 4, 1966	14.0	Apr. 19	13.0	Nov. 22	7.0
Jan. 20, 1965	15.5	Mar. 31	14.0	Oct. 3	10.7		

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 48.7 below lsd, Aug. 13, 1968. Records available: 1903, 1945-46, 1954-68. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	16.6	....	16.4	18.4	30.0	26.8	24.9	27.5	25.5	22.4	17.0
10	....	14.3	....	16.6	17.9	30.8	27.4	24.8	27.5	23.5	20.0	16.6
15	....	14.6	....	16.6	19.3	32.9	25.2	25.1	26.1	22.0	20.3	14.6
20	....	15.6	....	16.5	27.8	30.2	24.3	25.6	26.0	21.6	21.6	15.0
25	18.8	....	....	18.4	27.0	27.7	25.4	24.7	25.0	21.5	19.8	15.4
Eom	18.6	....	16.0	17.5	27.6	25.6	23.9	25.3	25.7	23.0	18.5	14.7
1965												
5	15.0	14.1	....	14.1	29.61	....	e31.48	30.89	28.03	28.31	27.7	....
10	15.4	....	....	17.4	....	....	29.74	29.67	....	27.13	26.6	....
15	14.9	....	....	20.58	....	....	29.74	30.28	....	27.8	26.0	....
20	14.6	....	13.5	20.58	....	....	29.77	....	....	27.7	25.9	....
25	14.6	....	14.6	....	....	....	29.58	28.30	28.88	27.4	25.0	....
Eom	15.2	....	14.4	27.30	....	....	29.83	....	27.89	27.5	....	....
1966												
5	20.4	20.4	20.8	22.9	27.0	29.8	38.5	37.4	32.2	30.7	28.4	28.1
10	19.7	20.4	21.2	23.8	26.5	35.5	36.7	34.3	32.6	30.0	28.3	27.0
15	19.3	19.8	19.7	27.2	27.5	....	40.1	34.3	30.8	30.0	27.7	25.3
20	20.0	21.6	20.3	23.2	28.2	....	37.7	33.2	31.7	30.4	28.3	25.0
25	18.8	20.7	20.9	23.6	27.8	....	35.3	32.4	32.9	29.6	28.5	25.2
Eom	20.3	20.2	20.5	25.3	27.4	....	e35.8	31.7	32.1	29.4	28.0	24.4
1967												
5	21.9	20.3	22.8	e28.5	....	....	e38.4	36.0	31.6	30.3	26.3	24.8
10	23.1	20.5	22.6	28.4	....	....	37.4	35.0	31.0	30.5	28.0	23.6
15	20.3	21.8	....	28.9	....	....	37.1	35.7	29.9	30.0	26.1	24.1
20	21.0	21.1	....	30.2	....	....	37.2	34.8	30.2	29.4	25.2	24.0
25	21.5	22.2	....	29.8	....	....	37.1	33.5	30.6	29.4	24.6	23.4
Eom	21.7	22.6	....	....	....	....	37.2	31.8	31.6	27.6	25.0	....

302355N0885403, 1--Continued.

1968											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	e23.8	....	23.5	27.8	....	39.7	44.5	44.8	40.6	40.4	3f.5
10	23.1	....	24.0	28.6	....	40.6	43.7	46.5	39.1	38.6	....
15	23.3	25.7	24.4	28.5	36.3	40.7	43.0	45.9	38.7	37.4	....
20	24.6	24.6	26.0	30.7	36.0	42.9	44.3	....	39.1	37.2	....
25	....	23.7	25.0	....	35.9	41.3	....	43.2	38.4	36.6	32.6
Eom	....	24.2	25.5	30.6	35.2	....	....	42.4	38.5	36.3	....

e Estimated.

Hinds County

321945N0901522.1. Local number G125. Country Club of Jackson. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 6 in, depth 852 ft, cased to 802. Lsd 372 ft above msl. MP top of 4-in coupling, 0.5 ft above lsd. Highest water level 160.0 below lsd, 1928; lowest 262.20 below lsd, Aug. 26, 1968. Records available: 1928, 1944-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1964	243.35	Jan. 4, 1966	248.77	July 29, 1966	255.82	Oct. 31, 1937	258.47
Apr. 30	244.36	Feb. 2	250.10	Aug. 29	255.95	Jan. 26, 1938	256.70
July 28	248.89	Mar. 4	250.68	Sept. 30	254.05	Apr. 22	255.70
Oct. 8	248.59	Apr. 1	252.05	Oct. 28	254.26	Aug. 26	262.20
Jan. 5, 1965	245.85	May 3	251.62	Feb. 3, 1967	255.20	Sept. 26	261.00
Apr. 15	246.17	June 29	251.69	Apr. 28	255.72	Nov. 19	261.70
June 29	251.69	July 1	253.95	July 31	257.66	Dec. 23	261.85
Oct. 8	252.33						

322138N0901300.1. Local number H92. Mississippi Power & Light Co. Drilled unused artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 2 in, depth 1,486 ft, screened 1,444-1,486. Lsd about 345 ft above msl. MP top of 2-in casing, 1.40 ft above lsd. Highest water level 69.63 below lsd, Feb. 13, 1957; lowest 79.73 below lsd, July 31, 1967. Records available: 1956-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1964	74.20	Jan. 4, 1966	75.73	Feb. 1, 1967	76.39	Mar. 5, 1968	76.99
Apr. 30	73.99	Apr. 5	76.38	Apr. 19	76.52	Apr. 16	76.77
June 29, 1965	75.33	July 6	76.00	July 31	79.73	Aug. 2	76.86
Oct. 8	75.43	Oct. 31	76.46	Nov. 8	77.15		

322241N0900737.1. Local number H160. Colonial Country Club. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 6 in, reported depth 773 ft, cased to 634. Lsd about 305 ft above msl. MP top of steel casing (since Jan. 31, 1967), at lsd. Highest water level 136.73 below lsd, Mar. 30, 1954; lowest 176.3 below lsd, Apr. 1, 1966. Records available: 1954-68. Recording gage removed Jan. 5, 1966. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	160.8	160.0	159.0	159.8	160.8	163.0	164.2	165.5	166.3	166.8	....	164.5
10	....	160.1	158.5	160.0	161.6	163.8	164.3	165.9	166.7	167.4	....	164.2
15	....	159.8	158.7	160.0	162.1	163.6	164.4	....	166.8	166.8	....	164.1
20	160.3	159.8	158.8	160.1	163.5	163.9	164.6	....	166.2	166.2	....	164.0
25	160.2	159.2	158.5	160.4	162.9	164.5	165.5	165.8	166.3	166.0	....	163.8
Eom	160.2	159.7	159.8	160.7	163.1	164.3	165.6	166.1	166.9	165.6	....	163.8

1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	163.2	162.8	162.2	162.0	165.6	166.8	167.9	....	....	169.6	169.0	167.7
10	163.1	....	162.4	162.5	....	167.3	168.4	....	....	169.1	168.5	167.9
15	162.8	....	162.5	162.9	165.7	166.5	168.8	....	....	169.0	168.1	167.3
20	163.0	....	162.6	163.6	166.2	166.4	....	....	....	169.1	168.1	....
25	162.7	162.0	162.3	164.0	165.8	167.3	....	....	....	169.1	168.5	167.9
Eom	162.8	162.4	162.2	165.8	165.8	167.4	....	....	169.5	169.0	168.1	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1966	166.5	Apr. 1, 1966	176.3	July 11, 1966	161.4	Apr. 19, 1967	175.3
Feb. 2	166.2	May 3	167.7	Aug. 29	172.0	Apr. 11, 1968	175.1
Mar. 1	166.6	31	171.4	Jan. 31, 1967	170.7	Aug. 2	176.0

321812N0901136.1. Local number N139. Mississippi Cotton Oil Co. Jackson. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 10 to 6 in, depth 734 ft, cased to 694. Lsd 282.1 ft above msl. MP top of recorder-house floor, 1.30 ft above lsd. Highest water level 113.1 below lsd, Feb. 25, 1965; lowest 168.98 below lsd, Sept. 30, 1955. Records available: 1944, 1954-65. Measurement discontinued.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	120.0	120.5	116.6	116.2	119.5	122.6	123.7	123.1	123.6	....	118.5	113.9
10	....	120.0	116.4	116.4	120.3	123.0	123.7	122.6	122.3	121.1	117.8	113.5
15	....	119.3	116.3	115.9	121.0	123.6	123.6	122.8	121.9	120.7	117.1	113.6
20	119.8	118.8	116.2	116.7	121.6	123.9	123.7	122.8	122.2	120.5	117.1	114.1
25	120.1	117.9	116.1	118.3	121.9	123.9	123.8	123.4	....	119.2	115.7	114.6
Eom	120.3	117.5	115.9	119.0	122.5	123.5	123.9	123.9	....	118.3	114.6	114.6

321812N0901136, 1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	114.7	.....	113.6	116.2	120.4	123.5	123.9	.....	.....	.....	.....	.....
10	114.7	.....	114.0	117.5	121.0	123.6	123.7	.....	.....	.....	.....	.....
15	114.8	.....	114.6	118.7	121.8	124.9	123.6	.....	.....	.....	.....	.....
20	114.8	.....	115.1	119.4	122.4	124.3	.....	.....	.....	.....	.....	.....
25	.....	113.1	115.5	120.2	122.6	124.5	.....	.....	.....	.....	.....	.....
Eom	.....	113.4	116.0	120.5	122.3	124.4	.....	.....	.....	.....	.....	.....

320620N0903700, 1. Local number S3. Town of Utica. Drilled unused artesian well in sand of Cockfield Formation of Claiborne Group of middle Eocene age, diam 10 in, depth 1,310 ft, screened 1,240-1,310. Lsd about 308 ft above msl. MP top of 10-in casing, 1.40 ft above lsd. Highest water level 179.65 below lsd, Feb. 27, 1958; lowest 187.64 below lsd, Nov. 19, 1968. Records available: 1956-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1964	182.79	Jan. 5, 1966	184.36	July 31, 1967	186.10	May 1, 1968	186.64
Apr. 30	182.62	Mar. 17	184.36	Nov. 8	186.72	Aug. 23	187.29
Apr. 14, 1965	184.13	Oct. 17	185.45	Jan. 18, 1968	186.55	Nov. 19	187.64
Oct. 11	184.74	Apr. 11, 1967	185.70				

Holmes County

330448N0901922, 1. Local number P159. M. L. Smith. 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 100.7 above lsd, Apr. 4, 1967. Records available: 1939-68.

Jan. 8, 1964	+110.7	July 20, 1965	+103.7	Oct. 21, 1966	+102.0	Jan. 30, 1968	+103.7
July 7	105.7	Oct. 13	101.5	Apr. 4, 1967	100.7	Apr. 16	105.2
Oct. 6	104.7	Jan. 25, 1966	107.0	Aug. 3	105.2	July 18	103.7
Jan. 6, 1965	102.7	Apr. 6	104.0	Oct. 26	101.7	Oct. 15	101.2
Apr. 1	107.7	July 13	103.7				

Humphreys County

331151N0902902, 1. Local number C110. Wister Henry. 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 74.0 above lsd, Oct. 15, 1968. Records available: 1939-41, 1944-68.

Apr. 15, 1964	+81.5	Oct. 15, 1965	+76.8	Apr. 27, 1967	+77.5	Apr. 16, 1968	+74.5
Oct. 6	80.4	Apr. 6, 1966	80.5	Oct. 26	77.5	Oct. 15	74.0
Mar. 29, 1965	77.7	Oct. 21	78.5				

Jackson County

302455N0884935, 1. Local number N48. Louisville & Nashville RR. Drilled unused artesian well in sand of Graham Ferry Formation of Pliocene age (previously reported 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 north-west side of pump, 0.80 above lsd. Highest water level 30.0 above lsd, 1928; lowest 22.82 below lsd, Apr. 6, 1967. Records available: 1928, 1939, 1958-63, 1965-68. No measurement made in 1964. July 7, 1965, 16.60; Jan. 4, 1966, 15.62; Mar. 31, 18.65; Apr. 6, 1967, 22.82; Apr. 9, 1968, 17.07.

302357N0884738, 1. Local number N73. Magnolia State Park. 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 22 ft above msl. MP top of 4-in casing, 1.00 ft above lsd. Highest water level 12.0 above lsd, Apr. 8, 1938; lowest 13.26 below lsd, Apr. 6, 1967. Records available: 1938, 1956-68. Apr. 21, 1964, 6.98; July 14, 8.72; Apr. 13, 1965, 8.79; Mar. 31, 1966, 9.79; Apr. 6, 1967, 13.26; Apr. 9, 1968, 11.55.

302451N0883259, 1. Local number P45. Central Artesian Well Co. 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 38.03 below lsd, Apr. 9, 1968. Records available: 1919, 1958-68. Jan. 21, 1964, 22.80; Apr. 12, 1965, 26.32; Apr. 1, 1966, 28.19; Apr. 6, 1967, 33.23; Apr. 9, 1968, 38.03.

302028N0882940, 1. Local number Q106. U.S. Geol. Survey. 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 105.09 below lsd, Oct. 4, 1967. Records available: 1959-68. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	83.2	82.9	81.4	82.9	....	83.4	85.6	82.2	85.7	84.1	84.9	86.1
10	83.1	82.5	80.3	85.0	81.8	84.2	83.4	85.8	84.7	83.3	86.9	86.0
15	85.3	79.4	82.3	84.5	83.6	83.2	81.8	80.8	87.5	82.5	84.9	86.6
20	....	79.8	83.8	83.5	82.8	83.9	81.5	82.9	85.2	....	87.6	85.7
25	82.5	81.4	....	....	86.4	83.5	80.9	84.8	....	86.6	84.5	82.9
Eom	84.3	82.5	83.5	....	84.9	85.6	83.0	87.0	84.4	87.5	83.8	83.2

302028N0882940.1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	81.5	84.9	84.2	84.0	85.0	....	....	....	....	85.5	....
10	84.6	83.0	84.6	82.0	85.4	88.8	....	....	....	85.8	....
15	85.0	81.4	83.5	83.7	86.1	85.9	....	....	....	85.6	....
20	84.5	82.1	82.5	86.6	86.8	85.6	....	....	....	89.5	....
25	83.6	84.2	82.1	86.4	86.1	....	....	....	87.2	86.7	....
Eom	84.9	86.7	82.6	87.4	89.2	....	....	....	86.3	....	....
1966											
5	87.9	....	81.0	e82.2	79.7	81.6	83.0	86.9	....	76.5	80.4
10	....	....	80.8	....	81.0	82.0	85.0	86.1	....	76.4	76.5
15	....	....	80.2	....	81.4	....	87.7	83.8	74.7	72.0	78.4
20	....	....	....	81.0	81.1	84.4	89.8	81.6	75.2	71.8	79.1
25	....	....	....	79.9	81.5	80.0	87.8	80.4	71.8	74.0	....
Eom	....	....	....	81.2	....	82.9	87.1	79.8	77.0	77.8	76.2
1967											
5	75.9	76.0	80.8	98.5	85.4	....	87.8	....	....	....	90.7
10	77.7	77.2	81.5	86.8	86.5	....	85.9	....	....	....	88.9
15	80.7	76.9	84.0	87.2	89.2	....	85.1	....	....	....	90.7
20	79.9	78.2	84.2	88.8	89.3	....	88.0	....	....	....	90.0
25	79.5	78.2	82.9	87.2	88.9	....	89.7	....	....	....	88.2
Eom	79.5	80.9	82.9	88.2	88.5	88.5	90.4	....	....	....	90.7
1968											
5	88.0	87.3	84.3	86.3	90.4	....	....	85.7	83.0	83.3	78.6
10	86.2	90.7	....	84.8	....	....	86.0	82.5	83.0	....	78.1
15	....	84.5	85.9	85.9	....	....	....	82.4	85.0	....	76.6
20	....	83.2	81.1	86.7	....	....	....	84.6	....	....	77.4
25	....	87.8	....	85.7	....	86.0	86.1	83.4	....	....	77.4
Eom	89.9	88.9	....	88.0	....	83.3	....	82.9	....	80.6	75.6

e Estimated.

302132N0882938.1. Local number Q112. Jackson County Board of Supervisors. 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: 1960-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 21, 1964	10.58	Jan. 5, 1966	10.52	July 28, 1966	10.75	Oct. 4, 1967	11.42
July 15	11.31	28	10.57	Oct. 7	10.50	Jan. 9, 1968	10.78
Oct. 21	10.98	Mar. 3	10.45	Jan. 11, 1967	10.57	Apr. 9	10.71
Jan. 21, 1965	10.79	Apr. 1	10.38	Apr. 5	10.38	Aug. 7	11.63
Apr. 13	10.42	July 8	10.66	July 6	11.06	Nov. 22	11.30
July 7	10.89						

Jefferson County

314240N0910340.1. Local number H3. Town of Fayette. 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 137.45 below lsd, July 12, 1965. Records available: 1961-68. Affected by nearby pumping.

Jan. 28, 1964	124.14	Apr. 8, 1965	123.62	July 14, 1966	127.79	Oct. 19, 1967	129.30
May 20	124.00	July 12	137.45	Oct. 13	125.70	Jan. 18, 1968	127.80
July 20	125.18	Sept. 28	124.57	Jan. 10, 1967	126.43	May 1	135.82
Oct. 19	128.48	Jan. 11, 1966	123.80	Apr. 11	128.40	Aug. 21	126.15
Jan. 19, 1965	123.38	Mar. 17	123.61	July 25	125.20	Oct. 31	126.35

Leake County

324420N0892950.1. Local number L1. Carthage & Canton RR. 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 29.83 below lsd, Nov. 5, 1968. Records available: 1957-63, 1965, 1968. No measurement made in 1964, 1966, or 1967. Apr. 5, 1965, 23.61; Nov. 5, 1968, 29.83.

Lee County

341351N0884210.1 (revised). Local number L101. U.S. Fish and Wildlife Service. Tupelo Fish Hatchery. Drilled hatchery-supply artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 15 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, 1950-68. Affected by pumping.

Apr. 20, 1964	b144.70	Oct. 20, 1965	b161.15	Apr. 19, 1967	132.85	Apr. 25, 1938	b154.00
Oct. 13	b140.27	Apr. 26, 1966	129.69	Oct. 18	b147.00	Dec. 16	b160.70
Apr. 7, 1965	b134.45	Sept. 7	128.00				

b Well pumped recently.

340525N0883717.1. Local number O14. Town of Nettleton. Drilled unused artesian well in sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age, diam 8 in, depth 612 ft, cased to 587. Lsd about 260 ft above msl. MP hole in well base, 0.7 ft above lsd. Highest water level 22.40 below lsd, July 15, 1940; lowest 40.90 below lsd, Apr. 30, 1968. Records available: 1940, 1962-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 15, 1940	22.40	Apr. 11, 1963	34.00	Apr. 22, 1964	34.50	Apr. 15, 1967	40.00
Sept. 21, 1962	34.41	July 16	34.34	Apr. 6, 1965	35.67	Apr. 30, 1968	40.90
Oct. 19	34.63	Oct. 15	35.26	Apr. 26, 1966	37.90		

Leflore County

338823N0902051.1. Local number D160. Mrs. D. B. Jameson. 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 30.00 above lsd, 1919; lowest 0.78 below lsd, Oct. 14, 1968. Records available: 1919, 1938-68.

Apr. 14, 1964	+2.00	Oct. 14, 1965	+0.81	Oct. 20, 1966	-0.10	Apr. 17, 1968	-0.60
Oct. 7	2.50	Apr. 7, 1966	+4.48	Apr. 5, 1967	.51	Oct. 14	.78
Mar. 30, 1965	3.05						

333151N0900856.1. Local number L136. A. P. Haynes. 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 2.10 above lsd, Oct. 25, 1967. Records available: 1938-68. No measurement made in 1968.

Apr. 14, 1964	+13.4	Mar. 30, 1965	+9.3	Apr. 7, 1966	+9.0	Apr. 5, 1967	+2.65
Oct. 7	8.7	Oct. 13	11.0	Oct. 20	2.7	Oct. 25	2.10

333100N0901058.1. Local number L152. City of Greenwood. 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 1-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, 1954-68. Affected by nearby pumping.

Apr. 14, 1964	1.19	Oct. 13, 1965	-3.07	Apr. 5, 1967	10.28	Apr. 17, 1968	3.56
Oct. 7	2.59	Apr. 7, 1966	3.00	Oct. 25	7.10	Oct. 15	5.09
Mar. 30, 1965	-5.91	Oct. 20	10.39				

Lowndes County

332343N0882620.1. Local number L12. Lowndes County Board of Supervisors. Drilled unused artesian well in sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age, diam 4 in, depth 500 ft, cased to 400. Lsd about 160 ft above msl. MP top of steel casing, 2.7 ft above lsd. Highest water level 16.5 above lsd, June 10, 1940; lowest 11.24 below lsd, Oct. 25, 1960. Records available: 1940, 1960-68. No measurement made in 1967.

June 10, 1940	+16.5	July 18, 1961	-10.41	Apr. 12, 1963	-4.60	Jan. 12, 1965	-5.76
Mar. 9, 1960	-6.28	Oct. 17	8.52	July 15	5.80	Apr. 5	3.19
May 26	7.54	Jan. 22, 1962	1.04	Oct. 17	7.12	July 28	1.72
July 18	9.61	Apr. 10	.71	Jan. 14, 1964	4.40	Oct. 18	-1.99
Oct. 25	11.24	July 17	3.30	Apr. 24	1.73	Apr. 27, 1966	+1.12
Jan. 17, 1961	10.70	Oct. 16	4.59	July 9	4.61	May 2, 1968	-4.35
Apr. 11	8.27	Jan. 8, 1963	3.94	Oct. 12	6.75		

332517N0882356.1. Local number L22. Hooker Chemical Co. Drilled artesian well in sand of Coker Formation of Tuscaloosa Group of Late Cretaceous age, diam 4 in, depth 1,180 ft. Lsd about 175 ft above msl. MP top of 4-in elbow at well head, 2.60 ft above lsd. Highest water level 44.9 above lsd, Apr. 12, 1961; lowest 12.6 above lsd, May 2, 1968. Records available: 1960-68. No measurement made in 1966.

May 25, 1960	+44.3	July 19, 1961	+43.5	Oct. 16, 1962	+34.6	Apr. 24, 1964	+26.0
Oct. 25	43.4	Oct. 17	35.0	Jan. 8, 1963	33.6	Apr. 5, 1965	25.9
Jan. 17, 1961	43.4	Jan. 23, 1962	35.8	Apr. 12	34.6	Oct. 19	14.9
Mar. 10	42.4	Apr. 10	36.7	July 15	34.2	Apr. 20, 1967	13.6
Apr. 12	44.9	July 17	35.6	Oct. 17	32.2	May 2, 1968	12.6

Monroe County

335930N0883000.1. Local number C101. Town of Amory. Drilled unused artesian well in sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age, diam 8 in, reported depth 240 ft, cased to 240. Lsd about 240 ft above msl. MP top of recorder-house floor, 2.10 ft above lsd. Highest water level 1.05 above lsd, Mar. 23, 24, 1955; lowest 33.0 below lsd, May 5, 1968. Records available: 1954-68. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	...	7.5	7.2	...	10.0	7.7	...	...	...	...	9.7
10	...	7.7	7.3	...	7.2	...	8.3	...	...	...	...
15	7.3	7.3	7.1	...	7.3	...	8.6	...	...	9.0	...
20	7.9	7.4	7.1	...	7.2	...	8.3	...	...	17.1	...
25	7.5	7.4	...	7.1	7.5	...	8.5	...	...	10.0	...
End	7.6	7.5	...	9.3	8.1	...	...	...	...	9.4	...

335930N0883000.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	10.2	...	...	...	...	...	...	...	...
15	...	...	...	17.6	...	...	...	...	...	...	...	...
20	8.2	...	...	10.9	...	...	...	...	...	16.4	...	...
25	8.6	...	...	8.8	...	...	...	...	...	12.3	...	...
Eom	9.0	...	...	...	...	...	...	...	...	12.3	...	...
1966												
5	15.2	...	...	...	...	...	...	...	...	...	...	16.7
10	...	...	e24.71	...	...	...	...	...	e20.4	...	19.0	20.5
15	...	...	...	...	...	...	e27.88	...	...	...	16.9	20.3
20	...	...	...	...	...	...	...	...	...	...	16.2	20.9
25	...	...	...	e22.49	...	...	...	...	...	...	16.4	...
Eom	e24.61	...	...	...	...	...	...	...	...	e19.4	16.4	20.0
1967												
5	19.2	...	21.8	22.0	22.8	19.5	...	23.3	23.0	22.8	...	...
10	20.5	22.8	21.8	21.6	21.5	...	17.5	...	22.5	23.3	...	...
15	19.4	21.8	...	22.4	21.1	21.1	17.1	...	23.0	22.7	...	...
20	20.1	21.8	...	24.5	21.1	17.0	18.1	e24.8	22.5	22.7	...	...
25	...	21.3	...	24.7	24.6	24.6	15.9	23.2	22.9	...	...	...
Eom	...	23.2	24.3	22.5	22.7	16.6	23.4	23.2	23.0	...	...	...
1968												
5	...	...	...	23.9	33.0	...	...	16.5	16.7	...	...	...
10	...	23.8	...	22.1	31.0	...	...	21.1	16.9	...	...	...
15	...	24.4	...	22.5	29.0	...	e25.4	25.8	...	...	...	...
20	...	...	...	23.5	26.7	...	17.2	26.9	...	...	...	...
25	...	...	...	22.0	...	...	25.6	26.2	...	...	...	...
Eom	...	...	24.4	32.0	...	...	22.0	17.2	...	...	...	...
e Estimated.												

e Estimated.

Montgomery County

332910N0894320.1. Local number F2. Town of Winona. 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 ms1. MP top of steel base, 1.70 ft above lsd. Highest water level 94.7 below lsd, Apr. 19, 1959; lowest 111.6 below lsd, Oct. 25, 1967. Records available: 1939, 1958-68. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	99.1	99.2	99.0	99.4	....	....	102.2	101.7	100.5	99.7	99.2
10	99.6	99.2	99.0	99.0	99.7	....	101.7	101.7	101.8	100.5	99.6	99.0
15	99.4	99.3	98.6	98.7	....	....	101.3	101.3	101.9	99.7	99.5	99.3
20	99.3	99.2	99.1	99.6	....	....	101.6	101.5	101.2	99.7	99.4	99.0
25	99.4	99.5	99.0	99.0	....	....	102.1	101.1	101.5	100.0	99.6	99.2
Eom	99.3	99.1	98.9	99.3	....	....	101.9	101.3	100.7	100.1	99.0	99.2
1965												
5	98.9	99.2	98.5	99.6	99.8	101.5	....	102.0	101.8	101.2	....	....
10	98.9	98.5	99.3	100.4	100.5	101.4	....	102.2	102.0	101.1	....	....
15	98.9	98.7	99.1	100.4	101.1	102.2	....	102.2	102.0	....	....	....
20	99.3	98.8	100.0	99.4	101.7	....	....	102.0	101.2	....	....	....
25	98.4	98.4	99.9	99.5	101.0	....	....	102.2	102.1	....	....	....
Eom	98.6	99.0	99.8	99.2	101.1	....	101.3	102.0	101.6	....	....	....
1966												
5	....	101.2	100.4	100.8	101.0	102.5	....	....	....	....	102.6	102.1
10	....	101.1	100.5	100.5	101.1	....	....	....	....	109.5	102.4	102.5
15	e108.2	100.4	100.4	101.0	100.7	....	....	....	....	....	103.0	102.5
20	....	100.2	100.3	100.9	101.5	....	....	....	....	....	103.8	102.0
25	....	100.0	101.7	100.2	101.3	....	....	....	....	102.0	102.4	102.4
Eom	100.4	100.0	100.4	100.8	101.9	....	....	....	e101.4	103.4	103.0	102.6
1967												
5	102.3	102.6	101.9	103.0	103.5	103.3	....	....	....	....	102.8	....
10	102.7	102.9	102.4	103.0	103.0	....	....	....	....	....	....	103.4
15	102.2	102.7	102.2	103.4	103.0	....	....	....	....	....	....	102.7
20	102.7	102.9	101.6	103.0	....	....	....	....	....	....	....	103.3
25	102.8	103.3	102.2	103.0	....	....	....	....	....	111.6	....	102.6
Eom	103.0	103.3	102.5	103.5	....	....	....	....	....	103.3	103.0	103.3
1968												
5	103.2	102.2	....	....	....	....	....	....	....	....	....	....
10	102.3	102.2	....	....	....	....	....	....	....	....	....	....
15	102.9	102.0	....	....	....	....	....	....	....	....	....	....
20	....	....	....	102.6	....	....	....	....	....	....	....	....
25	....	....	....	102.1	....	....	....	....	....	....	....	....
Eom	102.1	....	....	102.9	....	....	....	....	....	....	....	....
e Estimated.												

e Estimated.

Noxubee County

330650N0883410.1. Local number H115. Borden Food Products Co. Drilled industrial artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 10 in, depth 1, 807 ft, cased to 1,767. Lsd about 185 ft above msl. MP top of $\frac{1}{4}$ -in gate valve on discharge pipe, 3.00 ft above lsd. Highest water level 33.2 above lsd, Feb. 3, 1955; lowest 17.4 above lsd, May 21, 1968. Records available: 1955-56, 1958-68. No measurement made in 1964. Apr. 5, 1965, +22.4; Apr. 27, 1966, +22.0; Apr. 20, 1967, +19.5; May 21, 1968, +17.4.

Oktibbeha County

332710N0884717.1. Local number G102. Mississippi State University. 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 197.67 below lsd, May 2, 1968. Records available: 1940-48, 1954-68. Jan. 14, 1964, 192.62; Apr. 21, 192.39; Apr. 5, 1965, 193.87; Apr. 27, 1966, 194.91; Apr. 20, 1967, 196.07; May 2, 1968, 197.67.

Rankin County

321846N0894751.1. Local number J110. Town of Pelahatchie. Drilled unused artesian well in sand of Cockfield Formation of Late Cretaceous age, diam 8 in, depth 563 ft, screened 503-563. 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 112.6 below lsd, Jan. 17, 1967. Records available: 1955-68.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	104.5	103.9	104.0	103.6	104.0	104.2	104.2	104.5	104.6	104.6	104.5	.....
10	104.4	104.1	104.0	104.0	104.0	104.3	104.2	104.5	104.6	104.5	104.5	.....
15	104.4	104.0	103.8	104.0	104.1	104.4	104.3	104.5	104.6	104.0	104.5	.....
20	104.4	104.1	103.9	.....	104.2	104.4	104.4	104.5	104.6	104.5	104.4	.....
25	104.1	104.0	103.9	.....	104.2	104.4	104.4	104.5	104.6	104.5	104.2	.....
Eom	104.1	104.1	104.0	103.8	104.2	104.4	104.5	104.5	104.6	104.5	104.2	.....
1965												
5	.....	103.9	.....	.....	104.5	104.6	104.8	104.8	105.0	105.0	105.1	105.2
10	.....	104.2	.....	.....	104.5	104.6	105.0	104.7	105.1	104.9	105.5	105.2
15	.....	104.0	.....	104.3	104.6	104.7	104.8	104.8	104.9	104.9	105.2	105.3
20	104.3	104.1	.....	104.4	104.6	104.8	104.8	104.8	.....	105.0	105.1	105.4
25	104.2	104.1	.....	104.4	104.6	104.8	104.8	104.9	.....	105.0	105.1	105.0
Eom	104.2	.....	.....	104.5	104.7	104.8	104.7	105.0	.....	105.0	105.1	105.0
1966												
5	105.1	104.8	110.0	105.3	105.1	105.1	105.2	105.5	105.6	105.7	105.9	105.7
10	.....	.....	107.8	105.4	105.1	105.1	105.3	105.5	105.6	105.7	105.7	105.7
15	.....	.....	106.1	105.3	105.1	105.2	105.4	105.5	105.7	105.8	105.9	105.7
20	.....	.....	105.8	105.2	104.9	105.2	105.4	105.6	105.7	105.8	105.8	105.6
25	106.4	.....	105.6	104.9	105.3	105.3	105.5	105.5	105.7	105.8	105.7	105.7
Eom	104.6	111.1	105.4	105.0	105.1	105.3	105.5	105.6	105.6	105.9	105.8	105.5
1967												
5	105.6	105.6	105.6	105.8	106.6	106.2	106.6	106.4	108.5	106.7	106.7	106.8
10	105.7	105.6	105.7	105.8	106.7	106.3	106.5	106.5	108.3	106.7	106.7	106.5
15	105.5	105.6	105.7	106.7	106.7	106.4	106.2	106.6	106.5	106.8	106.7	106.6
20	105.8	105.6	.....	106.8	106.8	106.4	106.3	106.6	106.5	106.7	106.8	106.5
25	105.7	105.7	105.7	106.8	106.8	106.6	106.3	108.3	106.6	106.7	106.7	106.5
Eom	105.7	105.7	105.7	106.8	106.8	106.6	106.4	108.4	106.6	106.6	106.7	106.5
1968												
5	106.5	105.8	105.8	105.9	106.3	106.6	106.9	107.1	107.3	107.6	107.6	108.4
10	106.4	105.8	105.6	105.8	106.4	106.7	107.0	107.1	107.4	107.6	107.5	108.5
15	106.4	105.8	105.9	106.0	106.3	106.8	106.9	107.1	107.4	107.7	107.5	108.5
20	106.5	105.7	105.9	106.2	106.4	106.8	107.0	107.2	107.4	107.6	107.6	108.4
25	105.7	105.8	105.9	106.2	106.4	106.8	106.9	107.2	107.5	107.5	107.6	108.3
Eom	105.8	105.8	105.9	106.3	106.5	107.0	107.0	107.3	107.6	107.5	107.5	108.2

Scott County

322148N0892832.1. Local number L1. Town of Forest. 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 145.4 below lsd, Apr. 28, 1967. Records available: 1957-68. Affected by nearby pumping.

Highest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	126.6	126.4	125.0	132.0	127.2	125.9	126.4	129.2	126.2	125.8	.....
10	.....	126.7	129.8	127.2	127.4	131.6	125.8	127.4	127.4	126.9	125.6	.....
15	.....	131.8	126.2	123.3	127.4	133.6	125.8	128.4	125.6	124.2	125.8	.....
20	.....	126.2	126.9	124.4	133.0	131.1	125.4	127.0	126.3	125.1	127.2	.....
25	126.2	125.6	131.6	129.9	128.6	130.0	126.4	127.2	129.0	126.6	124.4	.....
Eom	126.4	125.9	125.1	128.0	127.8	129.7	129.3	128.0	125.2	125.0	.....	.....

322148N0892832.1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	.....	122.4	.....	.....	.....	.....	e130.4	.....	.....	129.1	.....
10	.....	124.8	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	123.6	.....	e126.8	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	123.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	125.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1966											
5	.....	.....	.....	.....	127.4	130.0	127.1	131.2	131.6	132.7	133.1 128.5
10	.....	.....	.....	.....	129.3	131.9	131.3	128.9	130.8	128.7	133.4 128.5
15	.....	.....	.....	.....	129.4	127.8	131.2	130.8	130.9	130.9	131.7 132.1
20	.....	.....	.....	128.2	127.1	131.2	128.9	131.5	132.3	131.5	128.2 131.5
25	e128.0	.....	.....	126.6	130.4	131.3	131.4	129.1	129.1	131.6	130.9 128.5
Eom	.....	.....	.....	129.3	127.0	127.7	131.6	130.9	130.5	131.1	132.5 132.2
1967											
5	130.8	133.0	127.7	131.1	142.4	.....	.....	.....	.....	138.0	137.4 140.3
10	128.4	135.2	131.6	130.0	142.0	.....	.....	.....	.....	.....	140.7 136.2
15	e133.1	135.3	131.4	138.6	142.0	.....	e140.0	.....	e137.6	.....	139.0 138.0
20	132.7	135.4	128.7	139.5	142.5	e136.6	.....	e137.4	.....	.....	140.7 138.6
25	133.1	135.1	134.0	137.2	141.2	.....	.....	.....	.....	138.8	140.2 136.8
Eom	129.4	133.4	131.4	140.2	143.2	.....	136.2	.....	.....	137.4	141.0
1968											
5	137.7	134.9	136.0	134.2	131.1	135.3	133.9	138.8	.....	.....	134.9 134.0
10	135.2	134.6	134.0	132.8	135.6	132.0	136.0	141.0	.....	.....	133.6 134.7
15	134.8	135.0	134.6	130.4	133.5	137.4	134.0	140.8	e139.6	e138.0	134.8 133.4
20	133.4	134.0	134.7	132.4	131.0	136.4	139.4	139.2	.....	133.1	134.8 135.6
25	137.2	132.6	130.4	134.4	133.8	132.2	140.0	137.6	138.0	135.4	133.7 130.3
Eom	134.8	135.6	131.8	132.0	135.0	132.9	139.8	.....	136.2	135.5	134.7 130.8

e Estimated.

Sharkey County

324832N0905537.1. Local number G143. Town of Cary. Drilled unused artesian well in Sparta Sand of middle Eocene age, diam 2½ in, depth 747 ft, cased to 707. Lsd about 100 ft above msl. MP top of 2½-in tee, 3.00 ft below lsd. Highest water level 21.6 above lsd, Feb. 10, 1939; lowest 11.90 below lsd, Oct. 26, 1967. Records available: 1939-40, 1955-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 15, 1964	6.20	Oct. 15, 1965	9.50	Apr. 4, 1967	10.49	Apr. 16, 1968	11.68
Oct. 6	10.18	Apr. 6, 1966	9.05	Oct. 26	11.90	Oct. 15	11.49
Mar. 29, 1965	7.50	Oct. 20	11.61				

Sunflower County

333927N0903122.1. Local number H160. E. L. Coleman. 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 9.0 above lsd, Oct. 27, 1967. Records available: 1940-68.

Apr. 14, 1964	+14.2	Oct. 14, 1965	+13.1	Oct. 20, 1966	+10.2	Oct. 27, 1967	+9.0
Oct. 7	13.0	Apr. 7, 1966	14.5	Apr. 5, 1967	10.5	Oct. 14, 1968	10.5
Mar. 30, 1965	13.1						

Tallahatchie County

334715N0901011.1. Local number S1. Mrs. Maude Phelan. Driven domestic water-table well in alluvium of Pleistocene age, diam 1½ 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: 1954-66. No measurement made in 1964. Measurement discontinued November 1966. Jan. 7, 1965, 11.74; Mar. 10, 9.81; July 22, 12.25; Oct. 14, 14.92; Jan. 26, 1966, 17.32; Apr. 7, 13.83; Oct. 23, 15.79.

Tishomingo County

344834N0881116.1. Local number F1. H. M. Biggs. 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 8-in casing, 2.00 ft above lsd. Highest water level 35.4 below lsd, June 11, 1968; lowest 65.1 below lsd, Jan. 18, 1967. Records available: 1956, 1958-68. Recording gage removed Dec. 30, 1966. Affected by nearby pumping.

344834N0881116.1--Continued.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	59.4	58.5	57.2	55.4	55.6	56.4	....	....	....	55.0	52.8
10	....	59.1	56.5	52.0	53.1	57.5	54.8	....	....	....	55.5	52.0
15	61.8	59.6	54.2	49.9	54.7	56.1	....	....	....	55.0	57.2	57.6
20	59.0	51.9	57.8	55.1	54.6	59.1	....	....	....	55.4	....	....
25	59.8	58.2	57.6	55.0	54.6	57.0	....	....	....	55.2	....	....
Eom	60.0	60.8	57.1	54.8	55.6	56.2	....	....	....	55.4	....	....

1965											
5	....	41.6	....	....	51.0	42.0	....	43.9	43.9	44.3	....
10	....	46.3	52.0	52.0	57.1	44.0	....	44.7	43.7	44.3	....
15	41.6	47.2	....	47.8	52.4	44.4	....	44.5	43.8	44.1	....
20	43.4	51.6	53.6	51.7	52.1	45.8	....	43.9	44.4	43.7	....
25	43.3	45.2	52.6	55.2	51.2	43.6	....	44.6	44.9	44.3	....
Eom	42.6	52.8	....	51.7	47.0	42.4	41.8	44.0	45.9	....	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1966	51.2	Sept. 5, 1966	62.9	Mar. 7, 1967	38.3	July 24, 1967	38.5
Apr. 26	54.7	Oct. 25	63.0	Apr. 17	38.3	Sept. 22	38.4
May 7	48.9	Dec. 5	64.6	May 29	37.7	June 11, 1968	35.4
July 12	60.0	Jan. 18, 1967	65.1				

Tunica County

344117N0902223.1. Local number D101. Jacks and Garrott. 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 3.6 above lsd, Apr. 7, 1966. Records available: 1954-66. Measurement discontinued. Apr. 16, 1964, +7.5; Mar. 31, 1965, +5.4; Apr. 7, 1966, +3.6.

343117N0902530.1. Local number J101. L. D. Powell. 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 15.5 above lsd, Apr. 5, 1967. Records available: 1954-67. No measurement made in 1968. Apr. 16, 1964, +18.4; Mar. 31, 1965, +16.8; Apr. 7, 1966, 16.2; Apr. 5, 1967, +15.5.

Washington County

331808N0905329.1. Local number H101. J. A. Aldridge. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 in, depth 1,903 ft, cased to 1,895. 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 37.8 above lsd, Oct. 15, 1968. Records available: 1954-68.

Apr. 15, 1964	+42.3	Oct. 13, 1965	+42.4	Apr. 4, 1967	+39.8	Apr. 16, 1968	+40.8
Oct. 6	44.0	Apr. 6, 1966	42.3	Oct. 26	41.3	Oct. 15	37.8
Mar. 29, 1965	40.8	Oct. 21	39.8				

331248N0905209.1. Local number L165. W. D. Atterbury. 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 24.0 above lsd, Oct. 15, 1965. Records available: 1939-67. Measurement discontinued. Apr. 15, 1964, +50.0; Oct. 6, +48.5; Mar. 29, 1965, +46.0; Oct. 15, +24.0; Apr. 6, 1966, +25.0; Oct. 22, +50.0; Apr. 4, 1967, +24.7.

330937N0904515.1. Local number Q4. J. K. Greer. 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 15-in 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, 1965, 1966. No measurement made in 1964; measurement discontinued. Jan. 6, 1965, 13.22; July 20, 22.70; Jan. 25, 1966, 23.87; Apr. 6, 22.67.

330227N0905920.1. Local number S4. Agricultural Chemical Corp. Drilled unused water-table well in alluvium of Pleistocene age, diam 12 in, depth 105 ft, screened 80-105. Lsd 111.24 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: 1954-68.

Highest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.6	13.4	11.8	12.0	10.2	12.1	13.7	15.6	18.7	13.9	14.9	13.4
10	13.6	13.6	11.7	11.5	10.5	12.4	14.0	16.8	19.0	14.1	15.0	13.7
15	13.4	13.2	11.3	10.9	10.9	14.6	15.5	18.2	18.2	14.2	15.1	12.5
20	13.5	12.9	11.4	11.0	11.6	15.3	17.6	17.4	17.4	14.5	15.1	12.2
25	13.2	13.0	11.5	10.4	11.8	15.8	18.4	15.0	18.3	14.6	15.1	12.0
Eom	13.3	13.2	11.8	10.0	12.1	14.5	18.2	15.6	17.8	14.7	13.6	12.5

325016N0902516, 1--Continued.

1966											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	....	....	....	e18.7	17.4	....	....	....	18.5	18.5	18.4
10	....	....	....	17.6	18.3	....	e25.2	....	19.0	18.3	18.6
15	....	....	....	17.7	18.5	....	....	....	18.4	e18.9	18.4
20	....	....	....	17.6	18.5	....	....	....	18.6	17.4	....
25	14.5	....	....	17.5	....	....	....	....	17.8	17.6	....
Eom	....	....	....	17.6	....	....	....	....	18.6	17.9	....
1967											
5	18.5	19.1	18.6	21.6	20.0	19.7	19.8	17.0	17.5	....	....
10	19.0	18.5	19.4	21.2	20.4	20.0	19.0	17.3	16.1	....	....
15	18.5	19.1	18.9	20.0	20.5	20.9	19.0	16.3	15.9	....	16.9
20	20.1	18.9	21.8	20.9	18.8	21.8	19.0	17.1	15.9	....	12.9
25	18.6	19.1	20.8	20.3	20.2	21.9	19.3	16.3	16.7	....	12.5
Eom	18.4	18.4	21.6	20.1	20.0	21.0	19.7	17.1	16.9	....	....
1968											
5	....	....	....	....	....	....	....	....	11.7	....	9.6
10	....	....	....	....	....	....	....	....	11.9	....	9.9
15	....	....	e13.0	....	....	....	....	....	10.7	14.0	9.7
20	....	....	....	....	....	e15.6	....	....	10.6	....	9.9
25	....	....	....	....	e13.8	....	....	e14.3	10.8	....	8.6
Eom	e9.5	....	....	....	....	....	....	11.4	10.1	....	9.5

e Estimated.

324936N0904230, 1. Local number J128. Holly Bluff Consolidated School. 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 4.2 below lsd. Oct. 26, 1967. Records available: 1939, 1954-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 15, 1964	+2.5	Oct. 13, 1965	-0.6	Apr. 4, 1967	-2.9	Apr. 16, 1968	-4.0
Oct. 6	+1.2	Apr. 6, 1966	.9	Oct. 26	4.2	Oct. 15	3.6
Mar. 29, 1965	-2.0						

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NORTH CAROLINA

The observation-well program in North Carolina, begun in 1941, was continued during the period 1964 through 1968 in cooperation with the North Carolina Department of Water and Air Resources and the U.S. National Park Service. Figure 8 shows the location of observation wells included in this report.

Well-Numbering System

In previous ground-water level reports the wells were numbered by counties.

The observation wells in this report are designated by the abbreviation of North Carolina and by serial numbers given in the order of their addition to the observation well network in the State. This system supersedes the one previously used and the two systems are not related. For example, Local number 11 in Water-Supply Paper 1803 is a different well than Local number NC-11 in this report.

Well Descriptions and Water-Level Measurements

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

Beaufort County

351932N0764900, 1. Local number NC-13. North Carolina Phosphate Co. No. 1. Near Aurora. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 4 in, depth 186 ft, cased to 186. Lsd 10 ft above msl. MP top of recorder shelf, 0.30 ft above lsd. Highest water level 1.38 below lsd, Apr. 9, 1965; lowest 61.65 below lsd, Sept. 26, 1968. Records available: 1964-68. Recording gage installed June 16 1964.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.08	....	....	3.59	2.61	2.55
10	3.08	....	....	3.22	2.56	2.78
15	2.96	2.75	2.63
20	3.08	....	3.43	5.27	2.75	2.54	2.61
25	3.08	3.38	3.35	5.35	2.77	2.38	2.41
Eom	3.08	....	....	4.73	2.73	2.41	2.49

1965

5	2.44	2.18	1.44	1.67	2.07	2.60	6.39	33.35	44.25	....	52.87	55.29
10	2.32	1.93	1.56	1.50	2.97	2.71	9.21	....	....	....	54.73	55.29
15	2.32	1.82	1.63	1.75	2.92	2.83	16.15	35.29	....	....	55.65	....
20	2.21	1.74	1.53	1.74	2.70	3.15	....	36.37	....	51.67	55.37	....
25	2.16	1.39	1.61	1.76	2.56	4.19	....	37.57	....	51.74	55.33	....
Eom	1.97	1.77	1.64	1.92	2.47	4.99	27.37	41.18	....	52.16	55.33	....

1966

5	....	....	56.13	....	55.45	....	....	58.56	59.46	60.36	....	....
10	....	....	....	....	54.28	....	....	59.02	58.99	60.41	....	....
15	....	....	....	....	53.45	....	....	59.44	59.89	60.40	....	....
20	....	....	....	....	55.57	....	....	59.46	58.22	59.59	....	....
25	....	....	....	54.08	55.44	....	....	59.46	60.17	....	....	....
Eom	....	....	....	54.68	....	....	59.29	59.46	60.24	....	....	....

1967

5	....	....	....	54.07	53.58	54.19	53.16	51.03	48.59	49.60	49.44	51.69
10	....	....	....	53.60	53.85	54.40	53.08	50.64	48.01	48.50	49.67	52.04
15	....	....	....	53.60	53.92	53.89	53.03	49.97	....	49.78	50.38	55.11
20	....	....	....	....	56.25	52.11	53.08	49.36	47.65	49.87	50.70	56.52
25	....	....	....	....	57.12	52.16	51.98	49.00	50.01	49.39	50.67	56.15
Eom	....	....	....	54.52	53.59	55.27	52.89	51.29	48.65	49.84	49.13	51.96

1968

5	56.16	57.83	58.65	58.18	57.13	57.38	58.28	60.31	61.11	....	....	....
10	56.11	....	58.52	58.08	57.68	57.29	60.21	60.03	60.97	....	....	....
15	55.98	....	58.34	57.69	57.76	57.64	58.36	60.33	61.43	....	....	....
20	56.08	58.80	58.48	57.76	57.74	57.41	59.45	61.71	61.57	....	....	....
25	55.99	58.41	58.38	57.72	58.06	57.45	60.18	60.96	61.61	....	....	....
Eom	56.69	58.34	58.24	57.02	57.66	57.73	60.43	60.98	59.88	....	....	....

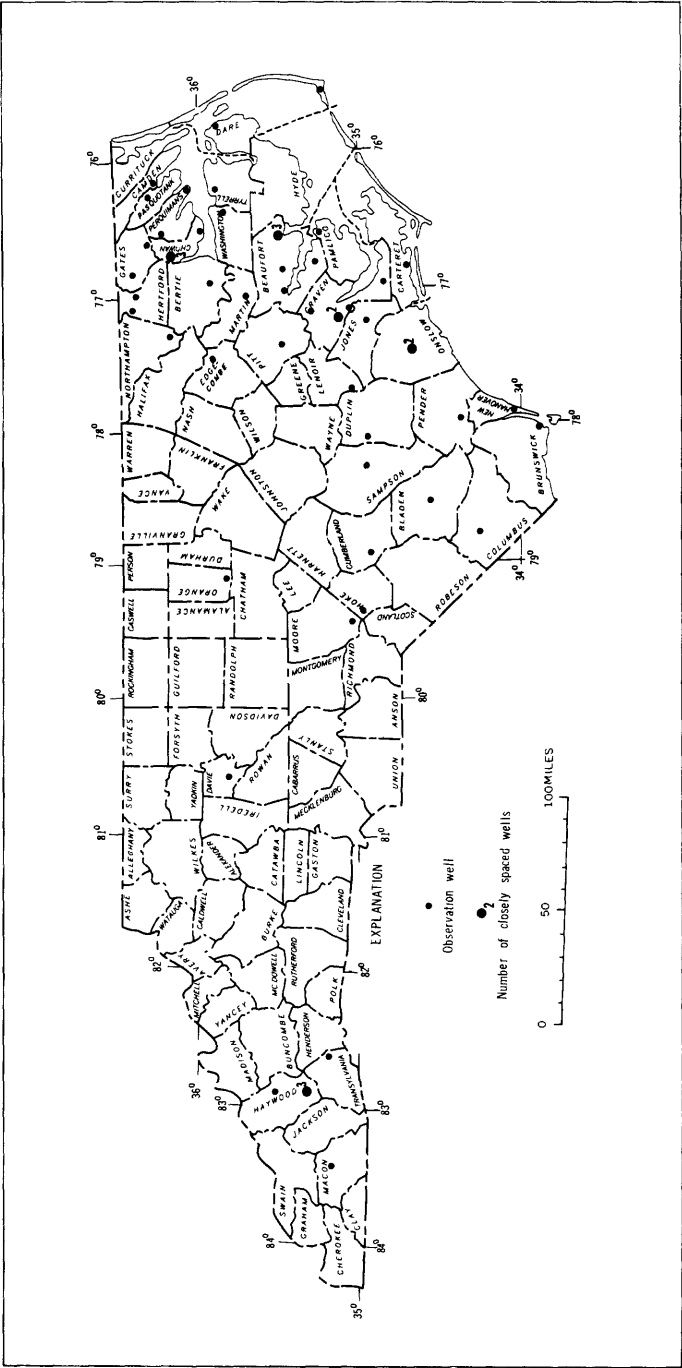


Figure 8. --Location of observation wells in North Carolina, 1964-68.

353314N0770410.1 (corrected). Local number NC-14. City of Washington. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 8 in, depth 158 ft, gravel-walled to 90. Lsd 9.42 ft above msl. MP top of casing, at lsd. Highest water level 1.02 above lsd, Apr. 10, 1964; lowest 15.58 below lsd, Sept. 26, 1968. Records available: 1948-61, 1963-68. Recording gage installed Dec. 17, 1964. Jan. 15, 1964, 7.12; June 12, 7.89; Nov. 19, 8.36.

Mean water level for the day, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	8.90	....	....	....	8.33	7.90	7.83	8.08	8.86	9.28	9.66
10	8.41	8.76	....	....	....	8.93	7.30	8.16	8.55	8.48	9.24	10.16
15	8.79	8.27	....	....	....	8.47	8.32	7.89	8.63	8.84	9.10	10.08
20	8.84	8.30	....	....	8.59	7.68	8.21	8.76	8.31	8.84	9.28	9.95
25	8.89	8.40	....	....	8.86	8.41	7.85	8.24	8.72	8.86	8.81	9.67
Eom	8.59	8.30	....	....	8.77	8.42	7.25	8.52	8.63	8.60	9.37	9.81
1966												
5	10.19	9.57	8.39	9.27	9.73	8.84	9.55	8.13	7.63	8.19	8.66	10.02
10	10.01	9.48	8.80	9.19	9.43	9.20	9.91	8.09	6.96	8.32	9.84	10.25
15	9.95	9.31	8.89	9.31	9.08	9.32	9.79	7.97	7.87	9.09	9.85	10.23
20	10.06	8.66	8.63	9.59	9.31	9.33	9.55	7.77	7.79	9.50	8.88	10.09
25	9.75	9.08	9.10	9.79	9.06	9.40	9.40	7.52	7.13	9.41	8.86	9.08
Eom	9.52	8.35	9.27	9.70	8.84	9.51	8.19	7.53	8.20	8.65	10.08	8.78
1967												
5	....	10.38	10.31	12.26	12.43	11.80	12.00	12.55	9.29	12.88	10.56	9.37
10	....	12.74	11.77	11.04	12.46	12.36	12.01	12.42	9.28	12.62	12.90	8.15
15	....	11.97	12.23	12.27	11.30	13.00	13.07	11.77	11.80	9.75	12.64	10.10
20	....	10.44	10.99	12.14	12.29	12.62	13.12	10.66	12.42	13.05	10.55	10.46
25	....	10.80	11.65	12.23	12.46	10.96	12.93	12.43	11.75	13.42	9.44	7.41
Eom	11.57	11.37	12.43	10.66	12.18	12.90	11.07	12.41	11.95	12.68	....	6.95
1968												
5	10.19	9.87	12.70	13.05	9.06	12.93	9.21	12.92	13.90	9.79	12.43	....
10	9.44	11.38	9.91	12.88	13.01	11.08	12.96	14.34	....	13.88	9.01	....
15	8.58	12.10	12.88	10.38	12.67	11.21	12.21	13.59	9.17	13.51	12.75	....
20	9.43	12.52	12.78	11.30	11.61	12.71	10.53	14.34	14.56	9.52	10.69	....
25	10.36	9.16	10.33	12.42	11.22	13.10	13.87	10.55	15.09	12.26	7.51	....
Eom	11.36	12.17	8.65	12.03	11.34	9.75	14.25	11.08	11.68	13.70	....	....

353227N0763740.1. Local number NC-15. City of Belhaven. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 4 in, depth 260 ft (previously reported 290 ft), cased to 260. Lsd 3.50 ft above msl. MP top of recorder shelf, 4.67 ft above lsd. Highest water level 0.25 below lsd, July 24, 1965; lowest 14.87 below lsd, Oct. 4, 1968. Records available: 1965-68. Daily tape-down measurements from June 15 to Sept. 30, 1968.

Mean water level for the day, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	2.75	2.76	2.91	0.88	1.47	....	3.75	6.94	....	....
10	....	....	2.87	2.66	3.17	.59	.67	....	4.62	....	....	....
15	....	....	2.75	2.77	3.69	.95	.62	1.53	4.97	....	....	....
20	....	2.96	2.98	2.91	.96	2.10	.48	2.39	5.73	....	....	10.54
25	....	3.70	2.86	2.77	.90	....	.39	3.01	6.10	....	....	10.88
Eom	....	2.82	2.82	2.86	1.22	.77	....	3.69	6.73	....	....	11.21
1966												
5	11.25	12.19	....	11.57	11.36	11.35	11.87	12.77	12.64	13.21	13.56	13.68
10	11.41	12.69	....	11.71	11.33	11.20	12.22	12.82	12.93	13.14	13.62	13.45
15	11.28	....	11.43	11.74	11.03	11.31	12.47	12.71	12.69	13.30	13.80	13.39
20	11.78	....	11.61	11.88	11.04	11.28	12.47	12.82	12.76	13.55	13.61	13.02
25	11.77	....	11.65	11.77	10.92	11.57	....	12.80	12.92	13.43	13.40	13.25
Eom	11.78	....	11.50	11.36	10.97	11.78	12.77	12.61	18.08	13.34	13.40	13.19
1967												
5	13.05	12.63	....	12.63	12.71	12.97	13.78	14.05	13.75	13.48	13.60	13.49
10	12.95	12.48	12.85	12.67	12.71	13.05	13.81	14.04	13.55	13.41	13.74	13.26
15	....	12.70	12.63	12.70	12.64	13.16	13.89	13.70	13.37	13.56	13.70	13.27
20	....	....	12.91	12.62	12.92	13.21	14.04	13.89	13.40	13.66	13.75	13.35
25	....	....	12.65	12.67	12.67	13.43	14.14	13.91	13.45	13.53	13.49	13.27
Eom	12.84	....	12.69	12.58	12.77	13.62	14.07	13.86	13.45	13.63	....	13.20
1968												
5	13.48	13.35	13.59	13.81	13.47	13.54	13.84	14.04	14.23	14.68	14.33	14.22
10	13.47	13.12	13.55	13.73	13.74	13.53	13.87	14.08	....	14.56	14.19	14.45
15	13.34	13.34	13.84	13.58	13.39	....	13.90	14.05	14.31	14.64	14.47	14.13
20	13.45	13.55	13.61	13.61	13.64	....	13.78	14.14	14.37	14.36	14.43	13.97
25	13.23	13.61	13.73	13.60	13.68	13.73	13.97	14.13	14.37	14.30	14.39	14.05
Eom	13.39	13.32	13.71	13.45	13.55	13.82	13.86	14.07	14.58	14.60	14.41	13.95

353052N0770022.1. Local number NC-49. Moose Club. Near Washington. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 4 in, depth 185 ft, cased to 123. Lsd 12.95 ft above msl. MP safety wire on recorder shelf, 0.50 ft above lsd. Highest water level 5.22 below lsd, Mar. 17, 1968; lowest 9.27 below lsd, Oct. 6, 1968. Records available: 1965-68.

353052N0770022,1--Continued.

Mean water level for the day, from recorder graph, 1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	....	....	....	....	....	....	....	....	....	....	....
10	....	....	....	....	....	....	....	....	....	....	....
15	....	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	....	....	7.98
Eom	....	....	....	....	....	....	....	....	....	....	8.19
1966											
5	8.11	7.10	6.23	6.97	7.07	6.80	7.85	7.43	6.86	7.50	7.94 8.22
10	7.67	6.95	6.35	7.07	7.21	7.07	8.05	7.25	7.17	7.64	7.96 8.19
15	7.48	6.83	6.45	7.02	7.00	7.18	8.08	6.98	7.19	7.71	7.98 7.29
20	7.65	6.69	6.72	7.24	6.87	7.04	7.82	6.96	6.96	8.05	8.16 7.53
25	7.20	6.69	7.04	7.46	6.52	7.44	7.78	6.59	7.30	8.05	8.05 7.81
Eom	7.38	6.48	6.83	7.08	6.42	7.59	7.68	6.58	7.38	7.92	8.22 7.59
1967											
5	7.41	7.15	7.06	7.38	7.60	8.13	9.00	7.60	7.24	7.68	7.94 6.34
10	6.97	6.61	7.11	7.50	8.04	8.48	8.90	7.49	7.15	7.59	8.06 6.24
15	6.92	6.79	7.10	7.61	8.02	8.61	8.55	6.63	6.81	7.65	8.17 5.99
20	6.85	6.76	7.17	7.55	8.38	8.61	7.63	6.96	7.00	7.86	8.31 6.07
25	7.05	7.34	7.09	7.76	7.92	8.94	7.92	7.00	7.39	7.83	7.87 5.98
Eom	7.13	7.03	7.18	7.75	8.18	8.95	7.47	7.18	7.59	7.88	7.10 5.75
1968											
5	5.99	5.83	6.16	7.09	6.99	6.73	7.78	8.31	....	9.11	8.62 8.61
10	5.96	5.86	6.19	6.86	7.22	6.92	7.34	8.18	....	8.87	8.47 8.64
15	5.51	6.10	5.42	6.90	6.91	6.62	7.28	8.20	8.62	8.95	8.37 8.68
20	5.55	6.16	6.22	6.93	7.20	6.85	7.53	8.15	8.86	8.67	8.49 8.51
25	5.56	6.28	6.68	6.87	7.51	7.21	7.86	8.51	8.74	8.38	8.56 8.61
Eom	5.75	6.00	6.93	6.78	6.72	7.65	7.74	....	9.02	8.73	8.53 8.47

353112N0764828.1. Local number NC-57. Jack Oden. Near Bath. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 3 in, depth 55 ft, cased to 55. Lsd 4.70 ft above msl. MP top of recorder shelf, 2.20 ft above lsd. Highest water level 5.03 below lsd, May 25, 1966; lowest 9.64 below lsd, Oct. 12, 15, 16, 1968. Records available: 1965-68.

Mean water level for the day, from recorder graph, 1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	....	....	....	....	....	....	....	....	....	....	....
10	....	....	....	....	....	....	....	....	....	....	....
15	....	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	....	....	....
Eom	....	....	....	....	....	....	....	....	....	....	8.17
1966											
5	8.29	7.73	6.35	6.87	7.14	6.58	7.78	8.18	7.32	8.01	8.91 9.01
10	8.38	7.71	6.83	6.99	7.01	6.48	8.18	8.10	7.63	8.12	8.84 8.83
15	8.23	7.51	6.72	7.06	6.84	6.87	8.24	7.79	7.61	8.32	8.96 8.67
20	8.37	7.22	6.78	7.16	6.49	7.09	8.17	7.48	7.63	8.43	9.01 8.31
25	8.18	6.81	6.87	7.11	6.04	7.33	8.40	7.36	7.83	8.53	8.84 8.34
Eom	7.77	6.70	6.74	7.11	6.38	7.57	8.25	7.28	7.86	8.67	8.81 8.22
1967											
5	7.86	....	6.71	6.69	7.09	7.96	....	8.87	7.69	7.59	8.02 7.90
10	7.62	....	6.84	6.68	7.11	8.09	....	8.65	7.33	7.61	8.13 7.58
15	7.42	....	6.66	6.71	7.15	8.34	....	8.32	7.32	7.85	8.10 7.35
20	7.42	6.68	6.89	6.84	7.43	8.55	....	8.12	7.25	7.92	8.26 7.44
25	....	6.81	6.74	7.02	7.53	....	9.27	7.86	7.29	7.84	8.05 7.38
Eom	....	6.66	6.77	6.98	7.77	....	9.02	7.70	7.45	8.02	8.20 7.33
1968											
5	7.47	7.15	7.53	7.29	7.38	7.30	7.92	8.24	....	9.53	9.30 8.79
10	7.36	7.04	7.46	7.32	7.63	7.26	7.95	8.22	....	9.59	9.18 9.02
15	6.91	7.29	7.59	7.19	7.54	7.40	8.02	8.30	8.99	9.62	9.29 8.65
20	7.11	7.35	7.17	7.26	7.48	7.36	7.93	....	9.14	9.32	9.18 8.65
25	6.94	7.58	7.28	7.28	7.64	7.45	7.98	....	9.17	9.24	9.04 8.77
Eom	7.09	7.38	7.26	7.29	7.35	7.70	8.09	....	9.37	9.49	9.08 8.73

353343N0763718.1. Local number NC-75. Younce Farm. Belhaven. Drilled observation well in Yorktown Formation of late Miocene age, diam 2 in, depth 145 ft, cased to 120. Lsd 38 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 1.39 below lsd, Jan. 14, 15, 1968; lowest 4.37 below lsd, Sept. 13, 14, 1968. Records available: 1967-68.

Mean water level for the day, from recorder graph, 1967											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	3.01	3.21 2.33
10	3.17	3.26 2.11
15	3.00	3.34 1.84
20	2.95	3.50 1.83
25	2.99	3.46 1.80
Eom	2.77	3.20	.... 1.71

353343N0763718.1--Continued.

Day	1968											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	1.69	1.90	2.07	2.20	2.22	2.23	3.45	3.61	4.21	....	....	3.01
10	1.69	1.92	2.08	2.22	2.42	2.23	3.63	3.88	....	....	....	3.01
15	1.39	2.05	2.04	2.14	2.38	2.37	3.16	3.91	4.30	....	3.06	2.86
20	1.60	2.14	1.76	2.19	2.27	....	2.96	3.76	....	....	3.01	2.86
25	1.65	2.27	1.86	2.22	2.59	3.03	3.08	3.92	....	....	3.01	2.88
Fom	1.81	2.13	2.06	2.17	2.35	3.21	3.35	4.15	....	....	3.01	10.84

Bertie County

355930N0765700.1. Local number NC-32. Town of Windsor. Drilled unused artesian well in sand of Black Creek Formation of Late Cretaceous age, diam 8 in, depth 350 ft, gravel-walled. Lsd 28.28 ft above ms¹. MP top of casing, 140 ft above lsd (since Dec. 17, 1964). Highest water level 16.22 below lsd, Aug. 14, 1958; lowest 29.68 below lsd, Jan. 18, 1968. Records available: 1955-68. Recording gage installed Dec. 17, 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	23.20	July 17, 1964	22.64	Dec. 24, 1964	22.16	Dec. 28, 1964	21.74
Feb. 27	24.69	Aug. 8	22.02	25	22.11	29	21.74
Mar. 27	24.18	Oct. 25	21.42	26	21.99	30	21.74
Apr. 27	28.12	Dec. 23	22.18	27	21.81	31	21.82
May 28	23.69						

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	21.81	21.27	21.58	20.77	20.70	21.17	20.72	20.52	20.90	....	....	....
10	21.84	21.30	21.36	20.70	21.01	20.78	20.82	20.89	21.00	....	....	....
15	22.12	21.59	21.27	20.71	21.12	20.50	21.02	21.09	21.01	....	....	....
20	22.08	21.85	20.99	20.94	21.14	20.61	21.06	21.09	....	....	....	....
25	21.75	22.09	20.91	20.91	21.21	20.77	21.07	20.89	....	....	....	....
Fom	21.36	22.19	20.83	20.64	21.14	20.74	20.33	20.87	....	....	....	....

1966

5	....	....	....	25.61	23.96	23.32	23.36	22.93	22.22	22.09	22.20	21.67
10	....	....	....	25.17	23.92	23.43	23.84	22.51	22.39	22.22	22.05	21.71
15	....	....	25.11	24.67	23.95	23.20	23.96	22.33	22.27	....	22.05	21.54
20	....	....	25.53	24.52	23.83	23.06	23.68	22.40	22.07	22.30	21.91	21.43
25	....	....	25.84	24.19	23.63	23.08	23.85	22.31	22.15	22.14	21.72	21.53
Fom	....	....	26.05	24.07	23.35	23.28	23.76	22.30	21.84	22.09	21.60	21.67

1967

5	21.53	21.47	21.66	21.62	21.77	21.57	21.73	21.80	22.04	22.34	....	23.11
10	21.40	21.40	21.70	21.74	21.58	21.81	21.51	21.78	21.88	22.27	....	23.17
15	21.30	21.62	21.53	21.83	21.75	22.22	21.49	21.76	21.98	22.17	....	23.18
20	21.33	21.53	21.70	21.94	21.83	21.98	21.16	21.91	22.00	21.86	....	23.20
25	21.13	21.61	21.62	21.85	21.63	21.99	21.31	21.33	22.28	21.72	....	23.56
Fom	21.51	21.58	21.58	21.79	21.55	21.95	21.52	21.69	22.31	....	....	23.90

1968

5	24.21	27.24	25.74	24.58	....	25.35	....	25.87	....	25.97	25.68	25.28
10	24.39	26.48	25.36	24.19	24.88	25.19	26.67	25.84	25.98	25.55	25.81	25.26
15	25.40	26.08	....	24.13	24.47	....	26.46	....	26.39	25.61	25.32	24.79
20	28.88	25.90	25.07	24.04	24.03	....	27.28	....	26.09	25.10	25.07	24.79
25	26.76	26.18	25.19	23.78	23.94	....	26.71	....	25.89	25.47	25.04	25.22
Fom	27.64	25.96	24.93	23.73	26.29	....	25.58	....	26.05	25.93	25.61	25.16

Bladen County

343722N0783715.1. Local number NC-53. City of Elizabethtown. Drilled unused artesian well in Black Creek Formation of Late Cretaceous age, diam 10 in, depth 213 ft, cased to 204. Lsd 130 ft above ms¹. MP bottom of wooden shelter, 1.00 ft above lsd. Highest water level 42.71 below lsd, Dec. 20, 21, 1965; lowest 51.68 below lsd, Oct. 19, 1968. Records available: 1965-68. Measurement discontinued.

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5
10
15
20	42.71
25	42.77
Fom	42.86

1966

5	42.93	43.37	43.75	44.46	....	44.79	45.25	45.76	46.26	46.67	47.14	47.62
10	43.00	43.45	43.82	44.50	....	44.86	45.33	45.84	46.34	46.74	47.23	47.70
15	43.07	43.51	43.89	44.61	....	44.94	45.41	46.00	46.41	46.81	47.31	47.78
20	43.15	43.58	43.96	....	....	45.02	45.50	46.08	46.49	46.88	47.39	47.86
25	43.22	43.65	44.30	....	....	45.09	45.59	46.16	46.58	46.97	47.47	47.93
Fom	43.30	43.69	44.39	....	....	45.17	45.69	46.26	46.65	47.06	47.54	48.01

343722N0783715.1--Continued.

1967											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	48.08	48.46	48.70	49.13	49.52	49.74	49.15	48.67	49.05	49.42	49.84 49.98
10	48.14	48.39	48.76	49.20	.....	49.79	49.19	.....	49.11	49.48	49.89 50.02
15	48.20	48.44	48.83	49.26	.....	49.85	48.98	48.79	49.16	49.55	49.96 50.06
20	48.26	48.50	48.89	49.33	49.72	49.76	49.02	48.84	49.22	49.62	50.02 50.10
25	48.33	48.58	48.99	49.41	49.62	49.65	49.02	48.90	49.28	49.69	49.98 50.07
Eom	48.40	48.62	49.07	49.46	49.68	49.67	48.63	48.98	49.35	49.77	50.00 50.12
1968											
5	50.15	50.25	50.51	.....	.....	50.63	50.84	50.97	51.23	51.54	51.64 51.34
10	50.19	50.30	.....	.....	.....	50.68	50.88	50.98	51.28	51.59	51.40 51.37
15	50.11	50.34	.....	.....	50.46	50.71	50.92	51.03	51.33	51.63	51.16 51.42
20	50.14	50.38	.....	.....	50.51	50.74	50.89	51.08	51.39	51.62	51.20 51.47
25	50.17	50.42	.....	.....	50.54	50.77	50.92	51.13	51.43	51.55	51.24 51.52
Eom	50.22	50.46	.....	.....	50.59	50.81	50.92	51.18	51.49	51.60	51.29 51.56

Brunswick County

335535N0780110.1. Local number NC-22. Town of Southport. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 8 in, depth 163 ft, cased to 60. Lsd 20.5 ft above msl. MP top of casing, 0.70 ft above lsd (since Dec. 22, 1964). Highest water level 15.14 below lsd, Mar. 29, 1965; lowest 28.43 below lsd, Aug. 16, 1968. Records available: 1963-68. Recording gage installed Dec. 22, 1964. Jan. 17, 1964, 21.40; July 28, 26.23; Oct. 7, 21.72; Dec. 22, 18.39.

Mean water level for the day, from recorder graph, 1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	.....	.....	18.23	17.23	16.26	16.42	16.67	16.95	16.55	17.99	18.85 17.69
10	.....	16.15	15.72	15.69	16.81	16.74	17.17	19.26	17.90	16.40	16.32 18.13
15	.....	15.85	15.65	15.57	16.38	20.23	17.02	17.18	16.70	16.59	16.23 17.95
20	.....	15.65	15.47	15.61	18.42	16.34	17.36	21.11	20.46	16.32	16.44 18.36
25	.....	15.68	15.31	15.62	16.78	20.46	17.52	16.85	16.78	18.34	16.47 17.65
Eom	.....	15.75	15.57	19.04	16.40	16.77	17.09	17.04	16.62	.....	16.89 18.01
1966											
5	17.87	17.93	17.10	18.58	18.23	17.68	17.53	.....	18.08	.....	16.76 16.74
10	19.80	17.62	17.17	17.13	18.11	19.45	.....	.....	.....	16.97	16.74 16.63
15	17.67	17.72	17.12	17.37	17.87	17.42	.....	.....	.....	17.93	16.65 16.65
20	17.80	17.46	16.69	18.31	18.55	18.48	.....	.....	.....	16.81	16.88 20.32
25	17.64	17.16	20.56	21.62	17.37	17.57	.....	16.71	.....	16.75	16.43 16.52
Eom	17.66	19.94	16.85	18.26	17.22	17.49	.....	16.91	.....	16.73	16.56 16.65
1967											
5	16.43	16.13	16.18	16.26	16.54	17.02	17.84	16.68	19.80	16.30	16.66 16.81
10	16.27	15.72	16.16	16.53	16.52	16.93	16.50	16.45	15.91	16.46	16.94 16.72
15	16.03	15.92	16.02	16.96	16.73	17.11	16.74	16.06	15.82	16.54	16.73 18.50
20	.....	18.53	16.18	17.08	18.26	16.75	16.56	16.19	16.08	16.86	16.91 16.73
25	16.32	15.96	16.15	17.00	16.88	17.12	16.84	16.25	17.68	16.55	16.83 16.46
Eom	16.30	16.47	19.69	16.64	18.46	18.05	16.66	16.16	16.65	16.93	16.86 16.33
1968											
5	16.52	16.71	17.01	17.33	18.11	18.90	15.88	19.20	19.67	19.81	18.87 18.62
10	16.60	16.56	16.57	17.24	17.67	17.78	17.75	19.65	19.20	19.52	18.57 18.07
15	16.60	16.92	16.92	17.18	17.24	18.82	17.64	19.34	19.59	19.63	18.82 18.34
20	16.71	16.65	16.78	17.39	17.47	18.64	17.40	22.61	19.60	19.02	18.44 17.69
25	16.31	17.25	16.99	17.08	17.88	18.35	17.56	19.98	19.59	18.69	18.54 18.68
Eom	16.71	16.50	17.32	17.04	17.64	19.41	21.24	19.14	19.78	19.02	18.49 18.48

Camden County

362045N0760913.1. Local number NC-28. E. A. Harris. Belcross. Jetted unused artesian well in Yorktown Formation of late Miocene age, diam 1 1/4 in, depth 88 ft, cased to 88. Lsd 8 ft above msl. MP top of casing, 2.35 ft above lsd (since July 7, 1968). Highest water level 0.46 below lsd, Feb. 25, 1965; lowest 4.16 below lsd, July 9, 1968. Records available: 1961-68. Recording gage installed Dec. 10, 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1964	0.88	July 6, 1964	3.15	Nov. 24, 1964	2.20	Dec. 25, 1964	1.44
Apr. 23	.82	Aug. 6	3.76	Dec. 20	1.48	31	1.19
June 18	1.88	Oct. 1	.70				

Mean water level for the day, from recorder graph, 1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	0.54	0.55	0.82	1.65	1.52	0.98	1.92	2.59	2.59 3.50
10	0.58	.54	.55	1.08	1.76	1.52	1.00	2.22	2.59	2.59 3.55
1549	.54	.55	1.12	1.84	1.48	1.20	2.24	2.59	2.59 3.57
2047	.55	.60	1.33	1.61	1.16	1.42	2.44	2.59	2.59 3.57
2547	.55	.77	1.52	1.52	1.25	1.59	2.57	2.59	2.59 3.58
Eom54	.55	.81	1.61	1.52	1.16	1.75	2.57	2.59	2.59 3.59

362045N0760913.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.60	2.37	1.43	1.43	1.71	1.10	1.43	2.27	1.71	1.96	2.20	....
10	3.59	2.15	1.43	1.43	1.59	1.17	1.70	2.27	1.73	1.95	....	....
15	3.58	1.74	1.43	1.43	1.47	1.31	2.08	2.27	1.78	1.96	....	....
20	3.55	1.49	1.43	1.46	1.44	1.23	2.25	2.27	1.87	2.00	....	2.82
25	3.29	1.44	1.43	1.47	1.44	1.24	2.27	2.23	1.92	2.11	....	2.50
Eom	2.66	1.44	1.43	1.48	1.15	1.32	2.27	1.74	1.96	2.15	....	2.19
1967												
5	1.97	1.14	0.96	1.36	2.15	2.94	3.36	1.81	....	0.96	1.72	1.87
10	1.73	1.13	1.03	1.45	2.18	3.11	3.29	....	....	1.07	1.82	1.71
15	1.51	1.12	1.05	1.55	2.36	3.14	2.94	....	1.01	1.25	1.87	1.40
20	1.41	.99	1.25	1.67	2.58	3.15	2.45	....	.89	1.44	1.94	1.17
25	1.24	.92	1.26	1.80	2.68	3.26	2.06	....	.90	1.58	1.97	1.04
Eom	....	.93	1.31	2.00	2.82	3.39	1.83	....	.85	1.69	1.98	.88
1968												
5	0.78	0.72	0.91	0.82	1.05	1.77	....	2.51	3.54	3.75	2.75	1.76
10	.74	.77	.94	.83	1.24	1.86	3.59	2.73	3.52	3.78	2.56	1.76
15	.58	.83	.87	.82	1.42	2.00	3.15	2.73	3.51	3.79	2.27	1.74
20	.59	.79	.70	.84	1.57	2.20	2.78	2.79	3.57	3.50	1.99	1.67
25	.59	.85	.64	.87	1.76	....	2.60	2.97	3.63	3.14	1.90	1.57
Eom	.68	.90	.72	.95	1.74	....	2.46	3.32	3.70	2.80	1.80	1.46

Carteret County

344332N0764631.1. Local number NC-67. Camp Glen Industrial Education Center. Morehead City. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 8 in, depth 235 ft, cased to 235. Lsd 22 ft above msl. MP top of resorder shelf, 3.20 ft above lsd. Highest water level 16.88 below lsd. May 23-25, 1967; lowest 20.12 below lsd, Aug. 5, 1968. Records available: 1967-68.

Mean water level for the day, from recorder graph, 1967													
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
5	.....	.....	.....	.....	.....	17.69	18.60	18.87	18.44	.....	.....	17.76
10	.....	.....	.....	.....	.....	17.83	18.59	18.78	18.17	.....	17.96	17.94
15	.....	.....	.....	.....	.....	17.95	18.57	18.41	17.88	.....	17.83	17.80
20	.....	.....	.....	.....	.....	18.02	18.61	18.67	18.04	.....	17.95	17.66
25	.....	.....	.....	.....	.....	17.34	18.51	18.76	18.86	18.07	17.81	17.58
Eom	17.61	18.28	18.61	18.64	18.02	17.94	17.42
1968													
5	17.77	17.43	17.48	17.92	17.75	18.45	19.39	19.68	19.18	18.75	17.86	17.97	
10	17.87	17.07	17.40	17.77	18.11	18.74	.....	19.61	18.98	18.47	17.73	18.45
15	17.40	17.45	17.80	17.56	18.00	18.91	.....	19.55	18.95	18.58	18.30	17.91
20	17.74	17.41	17.54	17.69	18.25	19.10	.....	19.58	19.02	18.18	18.14	18.25
25	17.15	17.27	17.78	17.65	18.66	19.14	.....	19.67	18.89	18.04	18.29	18.03
Eom	17.44	17.05	17.78	17.60	18.25	19.37	19.28	18.99	18.95	18.34	18.28	18.10	

Chowan County

361842N0763640.1. Local number NC-31. U.S. Geol. Survey. Near Gliden. Drilled observation artesian well in Beaufort Formation of Paleocene age, diam 2 in, depth 242 ft, cased to 232, screened 232-242. Lsd 37.50 ft above msl. MP top of casing, 2.05 ft above lsd (since Dec. 18, 1964). Highest water level 15.12 below lsd, Feb. 25, 1965; lowest 16.10 below lsd, Aug. 26, 1964. Records available: 1962-68. Recording gage installed Dec. 18, 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1964	15.45	Apr. 28, 1964	15.56	Aug. 26, 1964	16.10	Nov. 24, 1964	15.84
Feb. 29	15.53	May 27	15.70	Sept. 25	15.99	Dec. 22	15.38
Mar. 30	15.50	July 28	16.03	Oct. 26	15.74		

Mean water level for the day, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.31	15.31	15.19	15.35	15.35	15.48	15.48	15.46	15.53	15.63	15.64	15.65
10	15.32	15.29	15.23	15.33	15.38	15.49	15.48	15.42	15.60	15.52	15.64	15.65
15	15.34	15.27	15.28	15.35	15.42	15.47	15.48	15.44	15.58	15.61	15.64	15.62
20	15.29	15.27	15.30	15.39	15.44	15.46	15.47	15.45	15.60	15.62	15.64	15.63
25	15.26	15.14	15.31	15.42	15.49	15.46	15.47	15.49	15.58	15.62	15.64	15.63
Eom	15.25	15.27	15.34	15.30	15.47	15.48	15.46	15.51	15.61	15.63	15.64	15.64
1966												
5	15.64	15.56	15.40	15.44	15.54	15.53	15.56	15.76	.....	.....	.....	.....
10	15.64	15.54	15.46	15.48	15.52	15.53	15.65	15.62	.....	.....	.....	.....
15	15.64	15.49	15.45	15.51	15.51	15.55	15.67	15.58	.....	.....	.....	.....
20	15.64	15.48	15.45	15.54	15.53	15.44	15.70	.....	.....	.....	.....	15.47
25	15.63	15.47	15.45	15.55	15.50	15.50	15.83	.....	.....	.....	.....	15.46
Eom	15.56	15.47	15.44	15.56	15.42	15.53	15.81	.....	.....	.....	.....	15.45

361842N0763640, 1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	15.44	.....	.....	.....	15.51	15.57	15.59	15.47	15.55	.....	15.86	15.84
10	15.44	.....	.....	.....	15.45	15.58	15.58	15.59	15.49	.....	15.92	15.79
15	15.41	.....	.....	.....	15.46	15.64	15.47	15.50	15.94	.....	15.91	15.78
20	15.42	.....	.....	.....	15.51	15.55	15.43	15.52	15.95	15.87	15.93	15.82
25	15.41	.....	.....	.....	15.50	15.60	15.43	15.44	15.93	15.84	15.80	15.76
Eom	.....	.....	.....	.....	15.52	15.59	15.47	15.47	16.00	15.89	15.84	15.78
1968												
5	15.80	15.81	15.92	15.31	15.30	.....	15.59	15.64	15.86	15.83	15.68	15.62
10	15.77	15.73	15.92	15.31	15.41	.....	15.54	15.65	15.78	15.77	15.67	15.73
15	15.61	15.89	15.98	15.27	15.40	.....	15.49	15.68	15.82	15.79	15.66	15.60
20	15.76	15.88	15.24	15.32	15.34	.....	15.44	15.71	15.76	15.62	15.65	15.63
25	15.71	15.94	15.30	15.29	15.45	.....	15.52	15.75	15.76	15.63	.....	15.66
Eom	15.80	15.87	15.32	15.29	15.31	15.57	15.57	15.85	15.81	15.70	15.71	15.67

361427N0763930, 1. Local number NC-58. Formerly 2. Chowan County High School. Near Icaria. Drilled unused artesian well in sand of Paleocene age, diam 8 in, depth 320 ft, cased to 320. Lsd 26.58 ft above msl. MP top of recorder staff, 0.70 ft below lsd. Highest water level 7.91 below lsd, Mar. 13, 1957; lowest 10.56 below lsd, Dec. 26, 30, 1968. Records available: 1955-68.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	9.46	9.22	9.16	9.24	9.39	9.51	9.66	9.75	9.65	9.65	9.57
10	....	9.44	9.15	9.23	9.21	9.37	9.53	9.72	9.85	9.71	9.66	9.74
15	....	9.43	9.10	9.19	9.17	9.36	9.65	9.80	9.68	....	9.77	9.66
20	....	9.25	....	9.23	9.17	9.45	9.76	9.81	9.78	....	9.60	9.65
25	9.36	9.38	9.13	9.26	9.20	9.39	....	9.90	9.88	9.87	9.56	9.68
Eom	9.52	9.28	9.14	9.14	9.36	9.52	9.75	9.76	9.90	9.58	9.56	....
1965												
5	9.47	9.54	9.13	....	9.26	9.42	9.45	....	....	....	....	....
10	9.43	9.45	9.27	....	9.30	9.38	....	....	....	....	....	....
15	9.52	9.38	9.32	....	9.35	9.30	....	....	....	....	....	....
20	9.43	9.41	9.22	....	9.39	9.25	....	....	....	....	....	....
25	9.37	9.14	9.29	....	9.42	9.34	....	....	....	....	....	....
Eom	9.40	9.33	....	9.21	9.34	9.39	....	....	....	....	....	....
1966												
5	....	....	....	....	....	9.19	9.20	9.30	9.68	9.36	9.70	9.79
10	....	....	....	....	....	9.16	9.32	9.44	9.81	9.38	9.62	9.71
15	....	....	....	....	....	9.23	9.34	9.66	9.28	9.51	9.71	9.67
20	....	....	....	....	....	9.14	9.34	9.66	9.31	9.52	9.75	9.55
25	....	....	....	....	....	9.17	9.46	9.57	9.39	9.54	9.66	9.63
Eom	....	....	....	....	9.11	9.17	9.37	9.64	9.32	9.58	9.64	9.62
1967												
5	9.57	9.49	9.39	9.45	9.52	9.61	9.89	9.84	....	9.48	9.46	9.46
10	9.52	9.40	9.48	9.41	9.46	9.61	9.86	....	....	9.41	9.46	....
15	9.50	9.44	9.36	9.43	9.42	9.67	9.78	....	9.53	9.50	9.46	....
20	9.60	9.39	9.56	9.50	9.52	9.58	9.72	....	9.55	9.57	9.46	....
25	9.56	9.43	9.46	9.55	9.49	9.62	9.72	....	9.60	9.52	9.42	....
Eom	9.58	9.36	9.53	9.51	9.55	9.88	9.73	....	9.47	9.46	9.48	....
1968												
5	....	....	....	....	9.59	9.69	9.85	9.89	10.21	10.43	10.36	10.34
10	....	....	....	....	9.64	9.69	9.82	9.89	10.09	10.40	10.30	10.54
15	....	....	....	....	9.61	9.69	9.66	9.97	10.22	10.42	10.37	10.36
20	....	....	....	9.60	9.69	9.69	9.58	10.00	10.30	10.37	10.38	10.41
25	....	....	....	9.53	9.61	....	....	10.04	10.30	10.36	10.38	10.51
Eom	....	....	....	9.65	9.69	9.83	9.79	10.18	10.38	10.43	10.50	10.47

360110N0763310, 1. Local number NC-70. Formerly 1. Edenton Air Base. Near Edenton. Drilled unused water-table well in Yorktown Formation of late Miocene age, diam 6 in, depth 40 ft, cased to 30. Lsd 10.51 ft above msl. MP top of recorder shelf, 1.79 ft above lsd. Highest water level 2.23 below lsd, Mar. 23, 1968; lowest 22.40 below lsd, June 22, 1955. Records available: 1955-68. Measurement discontinued Dec. 20, 1968.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	5.83	....	6.75	....	6.38	....	6.30
10	....	....	....	....	....	5.75	....	6.90	....	6.08	....	6.68
15	....	....	....	....	....	6.03	6.83	....	....	....	....	6.56
20	....	....	....	....	....	....	6.72	....	....	....	....	7.22
25	5.53	....	2.91	....	5.43	....	6.63	6.84	7.00	6.05	6.14	....
Eom	....	4.02	3.92	....	5.71	....	6.75	7.20	6.81	....	6.27	....
1965												
5	5.93	5.52	3.87	3.65	....	5.51	....	....	5.94	....	....	....
10	5.70	5.04	3.92	3.63	....	5.49	....	5.06	6.25	....	....	....
15	5.90	4.70	4.13	3.83	....	5.35	....	5.32	6.20	....	....	....
20	....	4.15	4.15	4.07	5.14	....	....	5.51	....	....	....	....
25	....	3.79	....	4.30	5.26	....	....	5.70	....	....	....	....
Eom	5.41	4.35	3.63	4.34	5.36	....	....	5.85	....	....	....	....

360110N0763310.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	5.65	....	....	....	....	....	....	8.08	....
10	....	....	....	5.83	....	....	....	....	....	....	7.89	....
15	....	....	5.52	5.89	....	....	....	....	....	....	8.12	6.58
20	....	....	5.44	....	....	....	....	....	....	7.59	8.22	6.34
25	....	....	5.57	....	....	....	....	....	....	7.64	7.97	6.85
Eom	....	....	5.51	....	....	....	....	....	....	7.79	....	6.88
1967												
5	6.34	5.42	3.95	4.99	5.30	6.28	7.51	7.08	4.33	4.94	5.62	....
10	6.20	5.17	4.70	4.79	6.05	6.50	7.71	6.07	4.27	5.03	5.76	5.59
15	6.17	4.71	4.24	4.66	5.29	6.64	7.34	5.66	3.94	5.44	5.65	5.24
20	5.94	4.41	4.68	5.16	5.71	6.32	7.31	5.47	4.24	5.42	5.88	5.28
25	5.64	4.14	4.65	5.34	5.76	7.45	6.93	4.43	4.56	5.28	5.71	4.84
Eom	....	4.14	4.85	....	6.49	7.42	7.09	4.51	4.78	5.58	....	4.52
1968												
5	4.51	3.80	4.00	2.98	3.37	....	5.11	5.96	6.28	6.81	....	....
10	4.17	3.49	3.87	2.93	3.89	....	5.20	5.99	6.21	6.81	....	....
15	3.79	3.78	....	2.54	3.88	....	5.19	5.99	6.41	6.83	....	....
20	3.39	3.87	2.54	2.88	3.83	4.20	5.09	6.00	6.52	6.51	....	....
25	3.30	4.23	2.62	3.06	4.23	4.29	5.26	6.01	6.49	....	....	....
Eom	3.69	3.99	2.79	3.08	....	4.79	5.52	6.23	6.71	....	....	....

361350N0763927.1. Local number NC-78. R. H. Hollowell. Near Tyner. Dug unused water-table well in sand of post-Miocene age, diam 36 in, depth 8 ft, lined with concrete. Lsd 30 ft above msl. MP top of recorder shelf, 2.35 ft above lsd. Highest water level 0.02 above lsd, Mar. 4, 1966; lowest 6.60 below lsd, Jan. 5, 1966. Records available: 1962-68.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	1.28	1.53	1.24	2.12	3.30	4.01	3.50	1.43	1.67	0.46	2.56	3.45
10	.77	1.11	1.64	1.12	3.73	4.35	2.77	2.02	2.90	1.40	2.80	3.40
15	1.14	1.04	.48	1.10	1.97	3.69	4.13	3.57	1.12	1.93	3.42	3.51
20	1.13	1.09	1.17	1.87	2.75	4.42	4.25	3.22	1.83	.96	3.55	2.51
25	.68	1.40	1.38	2.48	3.39	2.35	4.19	4.14	2.73	1.60	3.00	2.05
Eom	1.50	.79	1.72	2.92	3.92	3.92	4.78	2.65	2.63	2.14	2.70	1.18
1965												
5	1.56	1.15	0.62	1.86	2.60	3.89	3.67	1.49	4.12	3.85	....	....
10	1.75	1.04	1.38	1.87	3.28	2.57	3.51	2.67	4.56	1.45	....	....
15	2.02	.54	1.82	2.34	3.33	1.20	3.23	3.56	2.90	2.30	....	6.24
20	.98	1.34	.87	2.72	3.90	1.30	2.82	4.04	1.74	3.28	....	6.35
25	.96	1.10	.80	2.45	4.15	2.38	3.99	2.78	1.48	3.93	....	6.46
Eom	1.36	1.44	1.41	1.63	2.87	3.28	1.05	3.80	3.15	4.28	....	6.52
1966												
5	6.55	0.74	0.53	2.16	1.37	1.95	3.19	2.19	2.36	1.62	4.74	5.95
10	4.41	.79	....	2.90	2.13	2.48	3.95	.93	3.33	2.44	4.96	6.10
15	4.37	.74	1.61	2.97	2.08	2.82	4.30	2.02	1.20	3.16	5.19	2.43
20	4.27	.72	1.42	3.58	2.83	.88	4.73	1.21	1.21	3.68	5.40	3.65
25	1.12	.52	1.70	3.68	.78	1.90	5.00	1.30	2.02	4.11	5.70	2.08
Eom	1.10	.65	2.24	4.10	.96	1.83	3.19	1.35	1.19	4.47	5.83	1.36
1967												
5	1.00	1.99	1.48	2.56	4.54	5.45	4.66	2.75	2.18	2.94	3.67	0.97
10	.66	.64	1.69	2.90	4.47	5.73	4.29	3.48	.63	2.35	4.17	1.09
15	1.04	1.23	1.93	3.41	4.84	5.97	1.76	1.14	.29	2.94	4.52	.97
20	.84	.90	2.50	3.83	4.92	4.16	.88	1.55	.48	3.47	4.86	1.10
25	....	1.23	1.53	4.05	4.57	5.10	1.96	.55	1.35	2.35	1.30	.78
Eom	1.73	1.02	2.13	4.15	5.19	5.42	1.62	1.34	1.99	3.18	1.73	.90
1968												
5	0.85	1.49	1.35	1.49	1.20	2.01	4.14	2.91	5.42	6.24	4.70	1.50
10	.59	1.59	1.65	.98	2.20	2.78	4.31	3.65	4.20	5.38	1.70	1.67
15	.60	1.93	.96	1.23	1.78	2.72	1.31	3.91	4.78	5.81	1.41	1.10
20	1.10	2.13	.79	1.81	1.69	2.40	.80	3.62	5.37	1.16	1.40	1.67
25	1.17	2.42	1.37	1.01	2.81	3.52	1.99	4.43	5.76	3.09	1.72	1.07
Eom	1.40	1.75	1.87	1.35	1.18	4.12	1.58	5.07	6.03	4.28	2.58	1.35

Columbus County

341843N0784940.1. Local number NC-23. Felton I. Granger. Chadbourn. Drilled unused artesian well in Peedee Formation of Late Cretaceous age, diam 6 in, depth 106 ft, cased to 77. Lsd 101 ft above msl. MP top of casing, 1.05 ft above lsd. Highest water level 21.79 below lsd, Mar. 25, 1965; lowest 28.44 below lsd, Oct. 15, 1968. Records available: 1965-68.

341843N0784940.1--Continued.

Mean water level for the day, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	22.28	22.92	21.90	21.94	22.05	22.76	22.64	22.75	.....	.....	.....	24.31
10	22.31	22.84	21.94	21.89	22.23	22.74	22.67	.....	.....	.....	.....	24.41
15	22.34	22.77	21.92	21.95	22.39	22.72	22.59	.....	.....	.....	.....	24.49
20	22.74	22.80	21.85	21.93	22.58	22.70	22.63	.....	.....	.....	.....	24.54
25	22.82	22.78	21.81	21.96	22.63	22.73	22.66	.....	.....	.....	.....	24.55
Eom	22.81	22.79	21.91	21.96	22.68	22.57	22.68	.....	.....	.....	.....	24.63
1966												
5	24.58	24.50	23.83	23.69	23.95	23.76	24.18	24.54	24.94	25.10	25.43	25.54
10	24.60	24.48	23.89	23.74	23.98	23.49	24.42	24.20	25.07	25.07	25.40	25.56
15	24.51	24.29	23.74	23.69	24.01	23.53	24.63	24.46	25.00	25.13	25.41	.....
20	24.60	24.22	23.74	23.75	24.09	23.76	24.58	24.76	24.92	25.30	25.47	25.41
25	24.37	24.10	23.79	23.85	23.98	23.97	24.64	24.83	25.05	25.34	25.47	25.42
Eom	24.36	23.97	23.74	23.80	23.95	24.10	24.56	24.83	25.08	25.41	25.45	25.37
1967												
5	25.09	24.81	24.61	24.48	25.21	25.64	25.87	.....	25.76	.....	25.90	25.81
10	25.01	24.59	24.57	24.62	25.30	25.74	25.88	.....	25.55	.....	25.92	25.75
15	24.96	24.59	24.48	24.80	25.41	25.86	25.78	.....	25.60	.....	25.98	25.65
20	25.00	24.47	24.48	24.91	25.61	25.80	25.70	25.69	25.60	.....	26.06	25.65
25	24.96	24.57	24.43	25.05	25.46	25.96	.....	25.68	25.66	.....	25.87	25.51
Eom	24.89	24.64	24.46	25.15	25.63	25.84	.....	25.71	25.66	25.84	25.86	25.73
1968												
5	25.29	24.74	24.69	24.63	24.90	26.21	27.01	.....	28.19	28.34	28.00	27.99
10	25.21	24.62	24.77	24.53	25.08	26.22	26.82	.....	28.07	28.28	27.96	28.03
15	25.17	24.61	24.73	24.51	25.22	26.44	26.74	.....	27.74	28.43	27.99	27.97
20	25.17	24.68	24.55	24.57	25.34	26.61	26.75	.....	27.60	28.24	28.08	27.68
25	25.03	24.68	24.54	24.66	25.71	26.77	26.91	27.84	27.79	28.14	28.20	27.51
Eom	24.84	24.63	24.58	24.74	25.97	26.91	.....	27.34	28.18	28.14	28.18	27.40

Craven County

352309N0771029.1. Local number NC-16. W. L. Elkes. Near Wilmar. Drilled observation artesian well in Peedee Formation of Late Cretaceous age, diam 2 in, depth 320 ft, cased to 300. Lsd 49 ft above msl. MP top of casing, 0.30 ft above lsd (since Feb. 19, 1965). Highest water level 15.01 below lsd, Aug. 23, 1966; lowest 18.04 below lsd, several times, December 1968. Records available: 1962-68. Recording gage installed Feb. 19, 1965.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1964	15.87	May 29, 1964	15.92	July 27, 1964	16.23	Oct. 6, 1964	15.93
Mar. 27	15.83	June 30	16.21	Aug. 27	16.20	Nov. 19	16.12
May 6	15.85						

Mean water level for the day, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	16.33	16.05	.....	.....	16.39	16.22	16.21	16.42	16.51	16.73	16.76
10	16.31	16.27	16.13	.....	.....	16.35	16.16	16.26	16.44	16.46	16.73	16.78
15	16.34	16.21	16.22	.....	.....	16.18	16.16	16.28	16.44	16.52	16.73	16.78
20	16.31	16.21	16.21	.....	16.36	16.17	16.18	16.31	16.49	16.56	16.72	16.78
25	16.21	15.99	.....	.....	16.35	16.21	16.24	16.36	16.48	16.58	16.71	16.86
Eom	16.18	16.21	.....	.....	16.35	16.26	16.16	16.42	16.50	16.68	16.71	16.92
1966												
5	16.97	14.06	.....	16.49	17.08	17.13	16.83	17.19	.....	16.85	17.14	17.27
10	16.91	.....	.....	16.48	17.24	16.87	16.77	17.19	16.88	16.88	17.10	17.18
15	14.14	.....	16.76	16.48	17.18	16.86	16.75	17.23	16.77	17.00	17.15	17.13
20	14.08	.....	16.51	16.47	17.23	16.96	16.80	15.28	16.75	16.96	17.18	17.03
25	14.08	.....	16.49	17.01	17.27	16.89	16.76	.....	16.81	17.02	17.16	17.09
Eom	14.16	.....	16.49	17.04	17.27	16.86	16.78	.....	16.78	17.06	17.08	17.09
1967												
5	16.94	17.07	17.08	17.00	17.24	17.31	17.49	17.25	17.45	17.48	17.53	17.47
10	16.97	16.97	17.18	16.97	17.16	17.34	17.47	17.26	17.25	17.41	17.63	17.43
15	16.91	17.09	16.87	17.16	17.16	17.38	17.35	17.27	17.34	17.50	17.56	17.44
20	17.11	17.08	17.06	17.17	17.26	17.38	17.26	17.32	17.33	17.52	17.62	17.47
25	17.08	17.09	16.96	17.23	17.23	17.43	17.28	17.34	17.39	17.48	17.36	17.46
Eom	17.12	17.05	17.02	17.19	17.26	17.45	17.17	17.36	17.42	17.58	17.43	17.45
1968												
5	17.47	17.45	17.33	17.27	17.15	17.20	17.56	17.48	17.62	17.88	17.77	17.81
10	17.47	17.33	17.31	17.25	17.34	17.27	17.49	17.45	17.54	17.86	17.70	18.02
15	17.24	17.40	17.40	17.19	17.24	17.36	17.41	17.43	17.62	17.90	17.82	17.68
20	17.46	17.33	17.22	17.23	17.22	17.37	.....	17.47	17.72	17.63	17.82	17.93
25	17.34	17.36	17.26	17.14	17.36	17.42	.....	17.51	17.74	17.67	17.84	17.99
Eom	17.47	17.24	17.26	17.11	17.24	17.54	.....	17.62	17.80	17.84	17.92	18.02

351049N0771755.1. Local number NC-44. City of New Bern. Cove City. Drilled observation artesian well in Black Creek Formation of Late Cretaceous age, diam 2 in, depth 854 ft, multi-screened 705-715, 781-786, 828-833. Lsd 36.73 ft above msl. MP top of recorder shelf, 1.24 ft above lsd. Highest water level 6.01 below lsd, Aug. 25, 1965; lowest 31.95 below lsd, Aug. 22, 1968. Records available: 1965-68.

351049N0771755.1--Continued.

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	7.18	6.91	7.16	7.02	7.05	6.18	6.45	6.66	6.66
10	6.90	6.93	7.17	6.98	7.09	6.25	6.39	6.66	6.66
15	7.18	6.88	6.96	6.99	6.96	7.10	6.28	6.51	6.66	6.66
20	7.57	6.86	7.02	7.04	6.99	7.15	6.37	6.55	6.66	6.92
25	6.84	7.11	7.05	7.06	6.01	6.37	6.55	6.66	7.00
Eom	7.64	6.87	7.08	7.03	7.01	6.17	6.42	6.64	6.72	7.00

1966

5	7.01	....	....	....	....	....	....	8.33	8.42	9.78	9.52	9.62
10	7.01	7.06	....	....	....	....	....	8.33	9.78	9.78	8.68	9.59
15	7.00	6.79	....	....	....	....	....	8.30	10.12	9.78	8.68	9.11
20	....	6.79	....	....	....	....	....	8.25	9.78	12.21	8.68	9.02
25	....	6.79	....	....	....	....	....	8.28	9.78	11.43	8.68	....
Eom	....	6.74	....	....	....	....	8.26	8.35	9.78	9.81	9.51	....

1967

5	....	9.04	9.07	9.41	....	....	11.26	11.24	11.30	11.75	11.95	11.99
10	....	8.95	9.12	9.40	....	....	11.26	11.32	11.30	11.76	12.00	11.97
15	....	9.04	....	....	....	....	11.20	11.29	11.73	11.76	12.01	12.04
20	....	9.05	9.17	....	....	....	11.20	11.30	11.73	11.90	12.01	12.11
25	....	9.06	9.15	....	....	11.22	11.20	11.30	11.74	11.96	11.99	12.18
Eom	9.04	9.06	9.24	....	....	11.24	11.22	11.30	11.74	11.95	11.99	12.22

1968

5	12.27	12.71	13.15	13.32	13.83	13.95	24.84	26.68	29.36	29.22	28.93	29.61
10	12.34	12.72	13.22	13.32	14.11	14.82	25.39	28.39	28.03	28.82	....	30.07
15	12.23	12.84	13.23	13.37	13.89	15.49	24.78	26.95	28.51	28.93	29.21	29.34
20	12.47	12.89	13.22	13.46	14.76	....	25.67	27.71	28.81	28.34	30.41	29.94
25	12.46	12.97	13.24	13.68	14.33	....	26.32	28.76	28.34	28.91	30.56	29.80
Eom	12.64	....	13.29	14.08	13.94	24.99	27.13	27.67	29.42	29.25	29.39	30.04

350455N0771050.1. Local number NC-45. O. D. Simmons. Near Tuscarora. Drilled observation water-table well in Castle Hayne Limestone of middle and late Eocene age, diam 6 in, depth 47 ft, cased to 47. Lsd 55 ft above msl. MP top of recorder shelf, 0.90 ft above lsd. Highest water level 3.10 below lsd, Feb. 19, 1966; lowest 13.04 below lsd, Oct. 16, 1968. Records available: 1964-68.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.95	3.96	3.76	5.16	....
10	7.17	4.48	3.62	5.44	....
15	5.02	3.44	3.98	5.76	....
20	5.11	3.82	4.35	5.93	....
25	4.84	4.32	4.59	5.86	....
Eom	6.57	4.38	4.74	4.92	5.75	....

1965

5	....	....	....	....	....	8.01	6.83	5.18	6.58	8.86	9.85	10.42
10	....	....	....	....	....	8.42	4.76	5.61	7.04	8.48	10.06	10.65
15	....	....	....	....	....	8.41	4.12	4.81	7.42	....	10.26	10.78
20	....	....	....	....	7.11	7.77	4.16	3.24	7.86	....	10.44	11.00
25	....	....	....	....	7.34	8.11	4.78	5.92	8.18	....	10.23	11.12
Eom	....	....	....	....	7.56	6.78	4.65	6.16	8.48	9.57	10.32	11.35

1966

5	11.45	5.44	3.85	5.15	5.92	5.25	5.88	4.78	4.99	5.56	7.22	8.46
10	11.17	5.63	4.26	5.43	6.26	5.85	5.71	4.82	5.64	5.92	7.28	7.78
15	11.09	5.44	4.35	5.58	6.43	5.29	6.11	4.15	5.79	6.41	7.58	8.26
20	10.39	4.82	4.16	5.85	6.71	4.36	4.38	4.06	5.60	6.45	7.83	8.11
25	7.71	4.67	4.54	6.06	5.84	4.65	4.36	4.02	5.00	6.75	7.99	8.07
Eom	5.60	4.65	4.83	5.93	4.76	5.29	4.80	4.42	5.36	7.40	8.26	6.78

1967

5	5.31	5.49	4.74	6.09	....	....	9.21	....	....	6.09	7.88	7.39
10	5.03	4.09	5.03	6.36	....	....	8.82	....	....	6.44	8.11	6.33
15	4.79	4.18	....	6.43	....	....	....	....	4.20	6.67	8.34	3.96
20	4.85	4.36	5.37	....	....	....	....	....	4.79	6.97	8.63	4.07
25	....	4.52	5.56	....	....	9.12	....	....	5.34	7.16	8.44	4.04
Eom	5.34	4.52	5.87	....	....	9.21	....	....	5.73	7.58	7.95	3.43

1968

5	3.43	3.49	3.44	4.00	4.15	5.04	10.25	11.14	....	12.69	12.50	12.32
10	3.15	3.62	3.65	4.06	4.57	5.60	10.38	....	....	12.85	12.75	12.37
15	2.46	3.85	3.14	3.90	4.82	6.23	10.06	....	....	13.01	12.11	12.29
20	2.89	3.99	3.02	4.18	5.12	6.66	10.10	....	11.99	12.65	12.04	12.33
25	3.07	4.22	3.36	4.27	5.68	9.13	10.51	....	12.21	12.15	12.11	12.47
Eom	3.34	3.76	3.71	3.91	4.49	9.76	10.90	....	12.47	12.38	12.33	12.47

350904N0771306.1. Local number NC-48. International Paper Company. Tuscarora. Drilled observation artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 2 in, depth 460 ft, cased to 460. Lsd 38 ft above msl. MP top of casing, 2.60 ft above lsd. Highest water level 0.55 above lsd, June 24, 1963; lowest 2.31 below lsd, Oct. 16, 1968. Records available: 1962-68. Recording gage installed Aug. 21, 1955.

350904N0771306.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 27, 1964	-0.22	May 28, 1964	-0.36	July 27, 1964	-0.65	Oct. 6, 1964	+0.01
Apr. 30	.22	June 30	.55	Aug. 26	-.46	Nov. 27	-.56

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	0.84	0.72
1083	.80
1583	.72
2082	.75
2573	.77
Eom	0.79	.71	.89

1966

5	0.86	0.63	0.88	1.07	1.28	1.27	1.20	1.33	1.30	1.33	1.54	1.53
10	.85	.73	1.16	1.14	1.20	....	1.24	1.31	1.37	1.36	1.63	1.53
15	.73	.66	1.05	1.19	1.18	....	1.26	1.31	1.27	1.47	1.53	....
20	.78	.63	1.07	1.25	1.17	1.21	1.33	1.31	1.26	1.44	1.53	....
25	.70	.57	1.10	1.24	1.12	1.21	1.34	1.30	1.31	1.48	1.53	....
Eom	.60	.51	1.02	1.26	1.13	1.15	1.32	1.30	1.30	1.50	1.52	....

1967

5	....	1.40	1.39	1.55	1.59	1.60	1.71	1.64	....	1.68	1.75	1.81
10	....	1.25	1.49	1.54	1.53	1.62	1.69	....	....	1.64	1.85	1.68
15	....	1.38	....	1.55	1.52	1.66	1.59	....	1.72	1.73	1.83	1.68
20	....	1.36	1.58	1.57	1.59	1.64	1.58	....	1.72	1.73	1.83	1.68
25	....	1.37	1.51	1.54	1.54	1.68	1.58	....	1.70	1.73	1.82	1.68
Eom	1.43	1.36	1.58	1.59	1.56	1.69	1.59	....	1.61	1.81	1.82	1.68

1968

5	1.68	1.67	1.67	1.81	1.67	1.78	2.08	2.09	2.12	2.23	2.19	2.14
10	1.68	1.67	1.68	1.80	1.81	1.81	2.03	2.08	2.05	2.24	2.19	2.16
15	1.67	1.67	1.67	1.75	1.77	1.83	2.02	2.06	2.07	2.31	2.16	2.14
20	1.67	1.67	1.76	1.77	1.72	1.92	2.02	2.08	2.14	2.08	2.15	2.15
25	1.67	1.68	1.77	1.71	1.81	1.97	2.07	2.09	2.15	2.09	2.15	2.15
Eom	1.68	1.68	1.80	1.66	1.72	2.02	2.07	2.11	2.20	2.17	2.16	2.16

345417N0765340.1. Local number NC-64. Cherry Point U.S. Marine Corps Building 164, Favelock. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 4 in, depth 122 ft, cased to 94. Lsd 25.11 ft above msl. MP top of casing, at lsd. Highest water level 18.14 below lsd, Jan. 25, 1968; lowest 21.63 below lsd, Aug. 27, 1968. Records available: 1967-68.

Mean water level for the day, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	20.33	19.94	18.92	19.05	18.88	19.25
10	19.74	19.91	18.51	19.10	19.31	19.12
15	20.53	19.13	18.86	18.79	19.21	19.49
20	19.98	20.29	19.12	19.19	19.20	19.26	19.32
25	20.22	20.16	19.64	19.03	19.31	19.02	18.44
Eom	20.57	19.57	19.68	19.14	19.43	19.16	18.38

1968

5	19.02	18.66	18.78	19.29	19.26	20.15	20.93	20.49	20.73	....	....	....
10	18.94	18.67	18.74	....	20.01	19.89	20.68	20.54	20.33	....	19.68	....
15	18.43	19.01	19.39	....	19.93	20.18	20.75	20.80	20.49	....	19.86	....
20	18.72	18.82	19.08	....	19.95	20.33	20.77	20.74	....	....	19.81	....
25	18.24	18.59	19.26	....	20.66	20.83	21.15	21.31	....	....	19.44	....
Eom	18.61	18.85	18.71	....	19.41	20.89	20.78	21.10	....	....	....	....

Cumberland County

345803N0785649.1. Local number NC-84. Robert Deaver. Hope Mills. Drilled unused artesian well in slate of Paleozoic age, diam 8 in, depth 509 ft, cased to 238. Lsd 110 ft above msl. MP top of recorder shelf, 2.00 ft above lsd. Highest water level 57.56 below lsd, Mar. 12, 1968; lowest 92.03 below lsd, June 3, 1967. Records available: 1966-68.

Mean water level for the day, from recorder graph, 1966

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	82.66	84.51	....	81.16	....	85.00	82.97	83.33
10	82.37	84.50	....	81.43	84.35	84.39	82.97	82.82
15	83.31	85.65	....	81.76	85.17	83.58	82.98	83.32
20	83.71	85.45	....	82.17	85.57	83.35	82.44	83.57
25	82.40	85.84	83.69	82.29	83.73
Eom	82.34	....	....	....	83.21	85.14	83.06	83.94	83.87

345803N0785649.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	83.40	85.81	86.49	87.47	89.63	91.65	88.10	80.66	78.89	70.79	74.76	76.00
10	83.89	85.86	86.76	88.01	89.71	90.37	87.51	80.10	78.49	70.78	75.29	76.00
15	84.44	85.46	86.78	88.67	89.60	90.18	87.12	79.65	77.31	72.31	75.55	76.14
20	85.07	85.68	87.12	89.30	89.66	90.14	86.21	79.34	76.11	73.33	75.76	76.24
25	85.39	86.06	87.17	89.82	90.31	89.46	85.20	79.01	74.40	73.13	75.68	76.14
Eom	85.71	86.16	87.34	89.77	91.62	88.67	82.21	78.61	72.50	74.07	75.81	74.47
1968												
5	76.38	.....	58.70	65.13	69.61	73.75	74.81	.....	.....	.....	.....	74.19
10	74.30	.....	57.72	65.63	.....	73.75	74.73	.....	.....	.....	69.82	74.85
15	.....	.....	58.69	66.49	.....	73.90	73.89	.....	.....	.....	71.13	75.19
20	.....	.....	60.42	67.49	71.93	74.16	72.03	.....	.....	.....	72.19	75.54
25	.....	60.60	62.39	68.34	72.61	74.38	70.23	.....	.....	.....	72.93	75.92
Eom	.....	59.60	64.18	69.02	73.38	74.69	.....	.....	.....	.....	73.72	76.49

Dare County

351428N0753509.1. Local number NC-4. National Park Service. Frisco Campground. Drilled observation well in sand of Holocene age, diam 2 in, depth 66 ft, cased to 63. Lsd 3.52 ft above msl. MP top of recorder shelf, 5.63 ft above lsd. Highest water level 3.28 below MP, Sept. 13, 14, 1964; lowest 6.70 below MP, Jan. 5, 1966. Records available: 1964-68. Water levels are reported in feet below measuring point.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	4.54	3.79	3.50	4.15	4.61
10	.....	.....	.....	.....	.....	.....	.....	4.88	3.81	3.65	4.2 ³	4.42
15	.....	.....	.....	.....	.....	.....	.....	4.76	3.42	3.83	.....	4.47
20	.....	.....	.....	.....	.....	.....	.....	4.71	3.64	3.75	4.47	4.59
25	.....	.....	.....	.....	.....	.....	.....	5.08	3.77	3.91	4.64	4.72
Eom	.....	.....	.....	.....	.....	.....	.....	3.82	4.06	4.00	4.77	.....
1965												
5	.....	5.21	4.28	4.96	5.66	6.38	5.20	.....	4.88	5.83	6.18	6.69
10	5.04	4.65	4.36	5.24	5.78	6.50	4.50	.....	5.15	5.58	6.27	6.73
15	5.10	4.25	4.61	5.36	5.96	5.68	4.77	.....	5.35	5.74	6.33	6.37
20	5.15	4.18	4.59	5.41	6.06	5.00	5.19	.....	5.54	5.81	6.46	6.37
25	4.99	4.21	4.73	5.51	6.22	5.38	.....	.....	5.75	5.96	6.53	6.49
Eom	5.12	4.26	4.74	5.52	6.26	5.59	.....	4.73	5.73	6.07	6.60	6.61
1966												
5	6.69	4.42	3.87	.....	.....	4.39	4.48	.....	.....	.....	.....	.....
10	6.26	4.55	4.03	.....	.....	4.63	4.51	.....	.....	.....	.....	5.76
15	6.31	4.50	.....	.....	.....	3.70	.....	.....	6.08	.....	.....	4.96
20	6.12	4.18	.....	.....	.....	3.70	.....	.....	.....	.....	.....	4.76
25	5.60	4.28	.....	.....	.....	5.17	4.15	.....	.....	.....	.....	4.91
Eom	4.43	4.28	.....	.....	4.12	4.37	.....	.....	.....	.....	.....	4.27
1967												
5	4.02	4.53	4.54	5.27	5.83	5.06	5.80	4.92	4.57	4.13	4.75	4.74
10	4.01	3.95	4.65	5.39	5.96	5.34	3.99	4.34	3.92	4.10	4.95	4.79
15	3.99	4.00	4.71	5.48	6.01	5.53	4.08	3.81	4.14	4.37	5.11	4.53
20	4.04	4.12	4.86	5.55	6.14	5.58	4.15	4.14	4.12	4.10	5.28	4.74
25	4.14	4.24	4.91	5.68	5.03	5.80	4.39	4.14	4.37	4.33	4.69	4.80
Eom	4.38	.....	5.11	5.77	4.95	5.99	4.65	4.34	3.86	4.60	4.93	4.47
1968												
5	4.49	4.34	4.43	4.91	4.68	5.38	5.83	5.10	6.03	5.49	4.25	4.56
10	4.29	3.89	4.59	4.60	4.97	5.57	4.81	5.38	4.74	5.17	4.02	4.78
15	3.68	4.13	4.43	4.68	5.18	5.70	4.47	5.37	4.54	4.99	3.98	4.66
20	3.85	4.30	4.32	4.98	5.32	5.65	4.82	5.64	4.84	4.02	4.20	4.96
25	3.97	4.37	4.52	4.92	5.52	5.72	5.05	5.87	5.09	3.98	4.34	4.88
Eom	4.18	4.24	4.81	4.87	5.17	5.88	4.68	6.12	5.30	4.30	4.55	5.08

355609N0754248.1. Local number NC-11. National Park Service. Fort Raleigh. Drilled observation well in sand of Holocene age, diam 1 1/4 in, depth 36 ft, cased to 33. Lsd 2.65 ft above ms1. MP top of recorder shelf, 14.67 ft above lsd. Highest water level 12.18 below MP, June 22-26, 1966; lowest 15.72 below MP, Dec. 17-20, 1965. Records available: 1964-68. Water levels are reported in feet below measuring point.

[illegible]

355609N0754248.1--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	14.64	14.95	14.43	14.37	14.62	14.99	14.37	13.63	14.48	15.16	15.42	15.61
10	14.72	14.93	.....	14.30	14.68	15.06	14.42	13.59	14.64	15.12	15.48	15.67
15	14.77	14.94	14.41	14.29	14.73	15.07	14.25	13.83	14.74	15.14	15.54	15.71
20	14.82	14.64	14.41	14.29	14.80	14.41	14.15	14.02	14.84	15.21	15.56	.....
25	14.87	14.46	14.41	14.37	14.88	14.23	14.21	14.19	14.96	15.26	15.57	.....
Eom	14.92	14.45	14.41	14.53	.....	14.23	13.97	14.35	15.04	15.32	15.58	.....
1966												
5	.....	.....	13.67	13.88	14.53	12.48	12.71	14.09	.....	14.25	13.52	13.57
10	.....	15.07	13.37	13.98	14.60	12.54	12.98	.....	.....	14.22	13.38	12.72
15	.....	15.02	.....	14.08	14.68	12.74	13.26	.....	13.70	13.95	13.22	12.69
20	.....	14.98	13.48	14.22	14.73	12.76	13.48	.....	.....	13.80	13.10	12.69
25	.....	14.70	13.66	14.33	14.38	12.18	13.74	.....	14.09	13.73	12.96	12.68
Eom	.....	14.53	13.76	14.41	13.51	12.47	13.98	.....	14.12	13.66	12.89	12.68
1967												
5	12.82	13.34	13.72	.....	.....	.....	.....	.....	13.03	13.04	.....	.....
10	12.95	13.28	13.68	.....	.....	.....	.....	.....	13.20	13.15	.....	14.42
15	13.16	13.57	13.55	.....	.....	.....	.....	.....	13.21	13.27	.....	13.94
20	13.29	13.70	13.45	.....	.....	.....	.....	.....	12.80	.....	.....	13.71
25	13.34	13.72	13.35	.....	.....	.....	.....	.....	12.73	.....	.....	13.67
Eom	13.34	13.72	.....	.....	.....	.....	.....	12.84	12.92	.....	14.38	13.58
1968												
5	13.38	.....	13.69	13.61	14.12	14.51	14.83	14.90	15.52	15.28	14.69	13.95
10	13.34	.....	13.73	13.74	14.18	14.54	14.95	15.02	15.52	15.33	14.69	14.08
15	13.18	.....	13.71	13.83	14.23	14.59	14.92	15.10	15.52	15.50	14.04	14.07
20	.....	13.37	13.43	13.95	14.31	14.62	14.81	15.17	15.20	15.42	13.77	14.31
25	.....	13.49	13.34	14.02	14.37	14.70	14.79	15.26	15.20	14.87	13.74	14.42
Eom	.....	13.60	13.36	14.07	14.41	14.75	14.82	15.44	15.23	14.71	13.86	14.50

Davie County

355339N0803326.1, Local number NC-110. Formerly 1. Kurfee Well. Near Mocksville. Dug unused water-table well in weathered granite of Paleozoic age, 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: 1932-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	21.67	Oct. 27, 1964	18.95	Aug. 11, 1965	19.40	July 12, 1966	20.20
15	22.26	31	19.07	17	19.59	22	20.59
21	21.81	Nov. 10	19.37	Sept. 1	20.04	31	20.89
Feb. 1	20.85	18	19.61	8	20.25	Aug. 6	21.05
4	20.80	24	19.86	18	20.59	17	21.18
11	20.33	30	19.43	25	20.80	31	21.64
18	18.75	Dec. 8	19.36	30	20.77	Sept. 7	21.81
29	19.19	15	19.36	Oct. 5	20.77	15	21.93
Mar. 4	18.88	22	19.32	16	20.76	22	21.73
10	18.61	31	18.13	22	20.74	30	22.14
17	18.41	Jan. 6, 1965	18.27	29	21.08	Oct. 12	22.47
24	18.38	12	18.38	31	21.12	21	22.72
31	18.35	20	18.47	Nov. 8	21.23	26	22.80
Apr. 7	16.25	26	18.11	17	21.35	Nov. 10	23.10
14	17.71	Feb. 1	18.10	23	21.52	15	23.38
21	17.80	9	17.58	30	21.67	22	23.64
May 13	18.22	16	17.55	Dec. 7	21.75	30	23.74
26	18.71	23	17.49	14	21.85	Dec. 6	23.83
31	18.85	Mar. 3	16.62	23	22.13	14	23.43
June 3	18.77	9	16.51	31	22.23	Jan. 10, 1967	23.42
9	19.02	16	16.81	Jan. 4, 1966	22.34	20	23.58
16	19.30	23	15.86	12	22.48	27	22.42
23	19.52	31	15.87	25	22.49	31	23.15
30	19.68	Apr. 6	16.13	31	22.34	Feb. 8	23.02
July 7	19.92	13	16.37	Mar. 9	17.90	14	22.97
15	20.19	20	16.63	15	18.07	24	22.16
23	19.92	30	16.95	23	18.21	28	21.92
31	19.84	May 11	17.15	31	18.30	Mar. 7	21.55
Aug. 5	19.72	18	17.35	Apr. 6	18.53	15	21.40
11	19.82	25	17.62	19	18.88	23	21.36
26	19.78	31	17.83	30	19.14	31	21.39
31	19.78	June 8	18.13	May 11	19.45	Apr. 6	21.35
Sept. 8	19.14	15	18.29	19	19.57	14	21.49
15	20.35	30	18.41	26	19.73	20	21.57
21	20.52	July 6	18.57	31	19.09	27	21.58
30	20.80	13	18.65	June 7	19.13	30	21.69
Oct. 6	19.92	20	18.80	21	19.55	May 9	21.70
13	19.98	31	19.06	30	19.81	17	21.96
21	18.78	Aug. 5	19.23	July 5	19.96	24	22.02

355339N0803326, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 31, 1967	22.06	Oct. 26, 1967	25.10	Mar. 21, 1968	19.63	Aug. 22, 1968	22.10
June 8	22.07	31	25.17	30	19.70	31	22.41
13	22.15	Nov. 8	25.27	Apr. 5	19.68	Sept. 6	22.40
22	22.36	16	25.36	13	19.71	12	22.49
30	22.66	24	25.45	18	19.79	20	23.40
July 6	22.86	30	25.56	25	19.74	25	23.62
12	22.96	Dec. 7	25.58	30	19.70	30	23.82
19	23.39	14	23.83	May 9	19.96	Oct. 3	23.95
27	23.61	20	23.27	24	20.23	10	24.16
31	23.69	30	21.63	31	20.35	16	24.33
Aug. 16	24.07	Jan. 5, 1968	23.63	June 6	20.54	24	24.33
25	24.12	19	21.61	13	20.46	31	24.71
31	24.30	24	20.94	21	20.45	Nov. 8	24.89
Sept. 6	27.44	31	20.72	30	20.62	15	24.60
15	24.45	Feb. 8	20.52	July 7	20.75	22	24.04
19	24.56	15	20.54	12	20.92	30	24.19
30	24.60	21	20.55	20	21.08	Dec. 6	24.21
Oct. 5	24.80	29	20.70	26	21.29	12	24.24
12	24.91	Mar. 7	20.93	31	21.48	24	24.15
20	25.02	14	20.45	Aug. 8	21.71	31	24.19

Duplin County

350030N0780600, 1. Local number NC-69. Old City Well. Warsaw. Drilled unused water-table well in Black Creek Formation of Late Cretaceous age, diam 8 in, depth 103 ft, cased to 103. Lsd 145 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 43.69 below lsd, Feb. 23, 1967; lowest 49.89 below lsd, Aug. 23, 1968. Records available: 1963-64, 1967-68. Recording gage installed January 1967. No measurement made in 1965 or 1966. July 15, 1964, 45.92; Oct. 13, 47.02.

Mean water level for the day, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	44.12	44.21	44.62	44.67	44.96	45.16	45.86	46.12	46.48	45.44	45.21
10	.....	43.86	44.34	45.41	44.58	45.30	45.98	46.53	45.33	46.32	45.41	45.20
15	44.10	44.07	44.17	45.02	45.40	46.33	45.32	46.44	46.01	45.35	45.55	45.16
20	44.19	43.90	44.28	44.85	46.12	46.14	46.48	45.58	46.51	54.48	45.44	45.41
25	44.17	44.10	44.31	44.69	44.31	45.12	46.40	46.71	45.73	45.85	45.35	45.13
Eom	44.15	44.46	44.41	44.53	45.06	46.32	46.04	46.83	45.57	45.37	45.30	45.01

1968

5	45.02	44.58	44.50	44.45	44.81	45.93	44.89	46.30	47.74	47.18	46.71	46.23
10	44.95	44.56	44.51	44.66	45.28	45.54	46.02	46.68	46.93	47.59	46.03	45.91
15	44.92	44.68	44.50	44.38	45.52	45.16	46.12	47.13	47.05	47.59	45.99	45.97
20	44.86	44.54	44.41	44.74	45.38	46.11	45.58	47.24	47.71	46.51	46.02	45.95
25	44.68	44.54	44.35	44.58	45.25	45.96	46.36	46.00	47.87	46.95	46.56	45.96
Eom	44.65	44.49	44.52	44.51	45.73	45.12	46.75	46.95	47.32	46.56	45.94	45.83

Edgecombe County

355818N0772645, 1. Local number NC-72. John Lane. Speed. Drilled domestic artesian well in sand of Tuscaloosa Formation of Late Cretaceous age, diam 4 in, depth 100 ft, cased to 95. Lsd 54.51 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 0.17 below lsd, Sept. 27, 1955; lowest 12.18 below lsd, June 11, 1953. Records available: 1946-65, 1967-68. Recording gage installed Apr. 26, 1967. No measurement made in 1966.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1964	2.58	Aug. 3, 1964	4.55	Oct. 1, 1964	4.13	Apr. 6, 1965	1.74
July 6	4.08	Sept. 3	4.87	Nov. 24	2.77	May 5	2.15

Mean water level for the day, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	3.25	3.91	4.14	4.04	....	2.81	3.14	3.10
10	3.33	4.12	4.06	....	....	2.82	3.26	2.96
15	3.37	4.40	4.00	....	2.55	2.92	3.24	2.82
20	3.51	4.15	4.03	....	2.53	2.97	3.41	2.79
25	3.55	4.17	4.12	....	2.58	2.98	3.23	2.57
Eom	3.26	3.69	4.21	4.10	....	2.68	3.09	3.18	2.46

1968

5	2.44	2.23	2.43	2.49	2.66	3.05	3.46	4.07	4.84	5.65	6.26	5.27
10	2.32	2.23	2.52	2.45	3.09	3.13	3.47	4.25	4.98	5.64	5.80	5.21
15	1.96	2.38	2.52	2.34	2.94	3.10	3.43	4.28	5.09	5.82	5.65	5.12
20	2.07	2.39	2.36	2.44	2.98	....	3.56	4.38	5.28	5.66	5.44	4.98
25	2.09	2.47	3.32	2.52	3.00	3.31	3.63	4.43	5.38	5.70	5.39	4.99
Eom	2.16	2.42	2.56	2.54	3.06	3.35	3.83	4.64	5.57	5.78	5.33	4.95

Gates County

362044N0763623.1. Local number NC-30. Mrs. T. W. Blanchard. Hobbssville. Drilled unused artesian well in Beaufort Formation of Paleocene age, diam 4 in, depth 494 ft, cased to 494. Lsd 38.16 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 18.40 below lsd, Mar. 8, 1962; lowest 20.66 below lsd, Oct. 5, 1968. Records available: 1961-68. Recording gage installed Dec. 18, 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1964	19.61	Apr. 28, 1964	19.70	Aug. 25, 1964	20.29	Nov. 24, 1964	20.10
Feb. 29	19.68	May 27	19.87	Sept. 25	20.18	Dec. 22	19.77
Mar. 30	19.68	July 28	20.25	Oct. 26	19.97		

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	19.23	19.23	19.03	19.24	19.27	19.48	19.39	19.38	19.57	19.63	19.71	.....
10	19.20	19.19	19.13	19.19	19.28	19.48	19.41	19.38	19.61	19.47	19.69	.....
15	19.24	19.15	19.19	19.21	19.35	19.43	19.34	19.45	19.51	19.57	19.69	.....
20	19.17	19.15	19.18	19.27	19.46	19.33	19.34	19.49	19.58	19.59	19.68	.....
25	19.13	19.02	19.18	19.26	19.48	19.32	19.39	19.47	19.51	19.62	19.69	.....
Eom	19.11	19.17	19.24	19.20	19.42	19.35	19.33	19.55	19.58	19.65	19.69	.....

1966

5	19.65	19.76	19.50	19.32	19.56	19.55	19.59	19.73	19.65	19.74	19.97	20.01
10	19.76	19.73	19.56	19.55	19.55	19.52	19.70	19.65	19.78	19.76	19.92	19.93
15	19.68	19.66	19.53	19.55	19.50	19.54	19.73	19.67	19.69	19.85	19.97	.....
20	19.68	19.70	19.52	19.60	19.54	19.45	19.76	19.67	19.71	19.85	20.00	.....
25	19.67	19.64	19.39	19.56	19.47	19.52	18.89	19.54	19.77	19.88	19.94	.....
Eom	19.76	19.46	19.42	19.62	19.43	19.54	19.81	19.62	19.71	19.90	19.85	.....

1967

5	.....	19.72	19.72	19.61	19.96	20.02	20.04	19.94	.....	19.94	20.03	20.05
10	19.68	19.65	19.80	19.64	19.81	20.03	20.02	.....	.....	19.97	19.98	19.89
15	19.63	19.69	19.72	19.66	19.92	20.07	19.90	.....	19.90	19.87	20.03	19.91
20	19.63	19.67	19.67	19.66	19.92	20.01	19.90	.....	19.90	19.70	19.99	19.89
25	19.63	19.67	19.57	19.65	19.92	20.04	19.90	.....	19.91	20.03	20.15	19.96
Eom	19.75	19.68	19.65	19.67	19.96	20.05	19.90	.....	19.99	20.00	20.04	19.89

1968

5	19.91	19.89	19.90	.....	.....	.....	20.03	20.10	20.54	20.64	20.43	20.37
10	19.88	19.83	19.89	.....	.....	.....	20.00	20.11	20.46	20.52	20.33	20.41
15	19.71	19.89	19.99	.....	.....	.....	19.89	20.11	20.52	20.55	20.37	20.37
20	19.87	19.86	19.86	.....	.....	.....	19.87	20.18	20.57	20.40	20.33	20.37
25	19.81	19.92	.....	.....	.....	.....	19.95	20.22	20.56	20.40	20.33	20.37
Eom	19.89	19.85	.....	.....	.....	20.03	20.03	20.52	20.61	20.49	20.41	20.37

362751N0764847.1. Local number NC-54. Town of Roduco. Drilled unused artesian well in Beaufort Formation of Paleocene age, diam 4 in, depth 231 ft, cased to 217. Lsd 37.30 ft above msl. MP top of recorder shelf, 1.80 ft above lsd. Highest water level 12.84 below lsd, Mar. 5, 1966; lowest 14.87 below lsd, Dec. 29, 1967. Records available: 1965-68.

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.13
10	13.19
15	13.12
20	13.19
25	13.16
Eom	13.24	13.25

1966

5	13.21	13.11	12.88	13.17	13.30	13.41	.....	.....	.....	.....	13.82	13.80
10	13.26	13.11	13.16	13.31	13.31	13.30	.....	.....	.....	.....	13.66	13.73
15	13.16	13.08	13.13	13.33	13.20	13.37	.....	.....	13.54	.....	13.91	.....
20	13.20	13.13	13.14	13.36	13.28	13.27	.....	.....	.....	13.55	13.74	13.59
25	13.16	12.97	13.15	13.28	13.31	.....	.....	.....	.....	13.67	13.69	13.68
Eom	13.06	12.96	13.25	13.30	13.20	.....	.....	.....	.....	13.60	13.60	13.64

1967

5	13.57	13.59	13.55	13.66	13.82	14.04	13.87	13.91	13.71	13.63	13.66	13.60
10	13.41	13.40	13.63	13.67	13.79	14.03	13.87	13.79	13.75	13.60	13.68	13.50
15	13.40	13.54	13.53	13.67	13.78	14.13	13.76	13.64	13.67	13.65	13.67	13.47
20	13.53	13.48	13.65	13.70	13.92	13.96	13.77	13.61	13.63	13.68	13.69	13.54
25	13.56	13.50	13.59	13.80	13.87	13.92	13.85	13.52	13.62	13.68	13.62	13.44
Eom	13.54	13.55	13.70	13.71	13.95	13.89	13.86	13.57	13.60	13.67	13.62	14.14

1968

5	13.70	13.49	13.40	13.38	13.34	13.40	13.65	13.54	13.77	13.88	13.76	13.64
10	13.55	13.37	13.43	13.36	13.47	13.40	13.61	13.59	13.67	13.86	13.68	13.85
15	13.48	13.44	13.51	13.42	13.48	13.45	13.56	13.57	13.74	13.89	13.68	13.73
20	13.55	13.42	13.34	13.48	13.41	13.41	13.40	13.61	13.79	13.71	13.69	13.75
25	13.47	13.44	13.37	13.32	13.56	13.51	13.46	13.66	13.76	13.69	13.66	13.69
Eom	13.50	13.35	13.39	13.33	.....	13.59	13.51	13.72	13.84	13.78	13.75	13.64

Haywood County

352508N0825525.1. Local number NC-42. Champion Paper & Fiber Co., Number 3. Near Logans. Dug observation water-table well in phyllitic rock of the Snowbird Group of Precambrian age, diam 24 in, depth 23 ft, cased to 23. Lsd 3,040.3 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 7.66 below lsd, Mar. 13, 1963; lowest 18.63 below lsd, Jan. 20-25, 1956. Records available: 1955-68.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	17.91	14.49	12.72	12.03	12.55	14.05	15.46	16.35	15.59	11.72	13.46	14.50
10	17.64	14.29	12.09	10.07	12.62	14.31	15.67	16.45	15.84	12.68	13.89	14.45
15	17.21	14.27	11.35	11.09	12.80	14.55	15.87	16.55	16.10	12.92	14.13	14.33
20	17.19	13.21	11.47	11.53	13.06	14.82	16.02	16.58	16.26	12.17	14.31	14.17
25	15.72	13.18	11.90	12.13	13.36	15.04	16.06	16.67	16.39	12.57	14.47	13.66
Eom	14.59	13.49	11.54	12.42	13.76	15.28	16.27	16.20	16.48	13.09	14.54	11.87
1965												
5	12.10	12.46	12.41	11.12	13.10	14.30	15.31	16.28	17.01	17.33	17.60	17.71
10	12.39	12.48	12.57	11.57	13.27	14.49	15.49	16.42	17.14	17.39	17.64	17.76
15	12.26	12.31	12.71	11.92	13.49	14.64	15.66	16.56	17.25	17.48	17.65	17.80
20	12.45	12.29	12.90	12.29	13.74	14.81	15.81	16.68	17.34	17.54	17.69	17.84
25	12.41	12.32	12.92	12.59	13.96	14.98	15.97	16.77	17.40	17.47	17.63	.....
Eom	12.36	12.43	10.34	12.92	14.17	15.16	16.13	16.88	17.40	17.55	17.64	.....
1966												
5	17.98	17.96	12.13	14.44	15.04	15.14	15.87	16.86	17.13	17.29	16.21	.....
10	17.91	17.95	12.57	14.70	14.78	15.18	16.04	16.78	17.23	.....	16.04	15.25
15	17.96	15.86	12.91	14.91	14.61	15.30	16.17	16.85	17.27	.....	15.72	15.15
20	17.96	14.60	13.40	15.10	14.66	15.43	16.28	16.94	17.24	.....	15.20	.....
25	17.98	14.16	13.80	15.21	14.82	15.58	16.41	16.99	17.27	.....	14.86	.....
Eom	18.01	14.11	14.13	15.31	15.08	15.74	16.59	17.06	17.29	.....	14.84	.....
1967												
5	.....	12.62	14.34	12.83	14.33	10.56	13.36	13.15	13.80	14.34	15.42	15.05
10	.....	12.80	11.60	13.08	14.38	11.49	10.82	13.51	13.67	14.53	15.48	14.66
15	.....	13.06	11.89	13.34	14.35	11.78	11.52	13.89	13.56	14.79	15.50	14.13
20	.....	10.66	11.89	13.63	14.31	12.26	11.97	14.17	13.73	14.97	15.55	13.60
25	12.71	10.82	12.18	13.90	14.12	12.66	12.35	13.54	13.93	15.13	15.50	11.82
Eom	12.55	11.16	12.58	14.11	14.13	12.99	12.80	13.57	14.13	15.35	12.23	12.05
1968												
5	12.29	12.57	.....	11.90	12.91	14.10	13.62	15.17	16.05	16.63	16.91	16.88
10	11.47	12.64	.....	11.40	13.18	13.06	13.91	15.34	16.15	16.70	16.94	16.95
15	10.99	12.85	.....	11.61	13.38	13.06	14.23	15.51	16.26	16.78	16.99	16.94
20	11.61	13.00	.....	11.99	13.56	12.93	14.46	15.66	16.36	16.78	16.87	16.90
25	11.95	13.31	.....	12.32	13.76	13.04	14.71	15.80	16.45	16.81	16.76	16.60
Eom	12.39	13.41	.....	12.61	13.93	13.35	14.97	15.96	16.55	16.89	16.85	16.30

352419N0825416.1. Local number NC-41. Champion Paper & Fiber Co., Number 2. Near Bethel. Dug observation water-table well in phyllitic rock of the Snowbird Group of Precambrian age, diam 12 in, depth 24 ft, cased to 24. Lsd 3,080 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 8.53 below lsd, Apr. 16, 1956, Mar. 27, 1965; lowest 13.94 below lsd, Jan. 19, 20, 1966. Records available: 1955-68.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	13.67	12.25	10.98	11.11	11.05	11.61	11.94	12.23	11.40	7.71	11.45	11.63
10	13.00	11.97	10.85	9.30	11.13	11.67	12.02	12.30	11.64	10.24	11.57	11.70
15	13.06	11.85	10.35	10.32	11.25	11.76	12.09	12.36	11.85	10.96	.....	11.61
20	13.10	11.33	10.39	10.81	11.37	11.83	12.13	12.23	11.98	10.39	.....	11.59
25	12.50	11.60	10.96	11.06	11.43	11.88	12.11	12.33	12.15	10.94	.....	11.24
Eom	12.22	11.77	10.58	11.13	11.53	11.92	12.14	11.38	11.89	11.29	.....	10.64
1965												
5	11.14	11.37	11.11	10.38	11.37	11.75	12.07	12.53	12.98	13.02	13.41	13.57
10	11.33	11.30	11.27	10.71	11.44	11.81	12.15	12.60	12.07	13.15	13.45	13.64
15	11.25	10.85	11.37	10.88	11.53	11.86	12.19	12.69	13.09	13.23	13.49	13.68
20	11.43	11.06	11.40	11.10	11.63	11.88	12.26	12.78	13.14	13.28	13.54	13.72
25	11.27	11.12	11.33	11.20	11.58	11.95	12.34	12.81	13.04	13.30	13.46	13.76
Eom	11.25	11.12	9.65	11.28	11.67	12.01	12.43	12.89	13.19	13.35	13.52	13.83
1966												
5	13.87	13.74	11.31	12.28	12.34	12.73	13.05	13.50	13.75	13.54	12.23	12.52
10	13.88	13.56	11.41	12.37	12.38	12.78	13.14	13.53	13.81	13.62	12.26	12.48
15	13.91	11.26	11.72	12.48	12.43	12.86	13.22	13.55	13.67	13.69	11.90	12.33
20	13.94	10.94	11.92	12.51	12.53	12.93	13.29	13.63	13.61	13.18	12.03	12.32
25	.....	11.64	12.06	12.52	12.58	13.00	13.38	13.66	13.63	13.27	12.23	12.39
Eom	.....	11.82	12.17	12.46	12.62	13.05	13.41	13.68	13.66	12.99	12.38	11.93
1967												
5	11.90	11.84	11.42	11.84	12.44	10.38	12.08	11.85	11.60	12.08	12.37	12.03
10	11.36	11.96	10.85	11.94	12.42	10.89	11.12	11.93	11.33	12.16	12.45	12.00
15	11.50	12.08	11.12	12.04	12.50	11.47	11.30	12.03	11.44	12.26	12.51	11.76
20	11.80	10.43	11.38	12.16	12.59	11.73	11.51	12.11	11.66	12.33	12.58	11.65
25	11.98	10.53	11.58	12.27	12.45	11.89	11.63	11.34	11.84	12.38	12.32	10.86
Eom	11.79	10.96	11.75	12.36	12.55	11.99	11.76	11.41	11.97	12.48	12.27	11.37

352419N0825416.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.45	11.59	12.07	10.95	11.68	12.18	12.13	12.59	12.98	13.41	13.62	13.31
10	10.90	11.65	12.12	10.67	11.80	11.41	.....	12.66	13.06	13.49	13.65	13.38
15	10.68	.....	11.01	11.12	11.85	11.54	.....	12.75	13.13	13.53	13.66	13.30
20	11.19	.....	11.27	11.34	11.92	11.72	.....	12.82	13.20	13.24	13.19	13.34
25	11.38	.....	11.29	11.49	12.03	11.85	.....	12.88	13.26	13.42	13.32	12.99
Eom	11.55	.....	11.46	11.60	12.11	.....	.....	12.97	13.33	13.56	13.41	12.73

352315N0844844.1. Local number NC-40. Champion Paper & Fiber Co., Number 1. Near Cruso. Dug observation water-table well in phyllitic rock of the Snowbird Group of Precambrian age, diam 12 in, depth 19 ft, cased to 19. Lsd 3,148.26 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 1.99 below lsd, Mar. 12, 1968; lowest 6.27 below lsd, Nov. 1, 1963. Records available: 1955-68.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.10	4.97	3.48	3.55	2.97	3.82	4.44	4.86	4.88	3.33	4.60	4.17
10	4.68	4.81	3.88	3.05	3.09	3.96	4.49	5.04	5.24	4.55	.....	4.37
15	5.24	4.78	3.91	2.93	3.19	4.10	4.58	5.08	5.38	4.72	.....	4.22
20	5.43	4.61	4.28	2.95	3.34	4.23	4.40	4.92	5.47	4.47	.....	4.31
25	4.18	4.78	4.10	3.04	3.49	4.26	4.54	5.13	5.55	4.61	.....	3.86
Eom	4.88	4.80	3.64	2.85	3.67	4.39	4.67	3.62	4.10	4.62	.....	4.10

1965												
5	4.18	4.17	3.43	3.40	3.85	4.25	4.50	4.93	5.36	4.58	5.35	5.44
10	4.12	3.71	3.46	3.38	3.93	4.28	4.57	5.05	5.45	4.90	5.38	5.48
15	4.10	3.87	3.44	3.45	4.02	4.07	4.63	5.07	5.17	5.16	5.39	5.49
20	4.13	3.96	3.45	3.55	4.02	4.24	4.53	5.12	5.35	5.24	5.42	5.51
25	3.86	3.20	3.40	3.65	3.92	4.29	4.71	5.08	4.38	5.14	5.33	5.53
Eom	4.06	3.64	3.23	3.70	4.16	4.40	4.78	5.25	4.96	5.28	5.38	5.55

1966												
5	5.42	5.46	3.10	3.86	4.01	4.25	4.40	4.63	5.38	....	4.58	....
10	5.29	4.51	3.33	4.00	4.22	4.25	4.57	4.85	5.44	5.42	4.76	4.50
15	5.25	3.79	3.36	4.12	4.26	4.35	4.64	4.97	4.46	5.52	4.70	4.66
20	5.51	4.11	3.45	4.22	4.27	4.42	4.68	5.12	4.70	4.60	4.88	4.72
25	5.51	4.09	3.57	4.20	4.20	4.49	4.82	5.19	5.12	5.05	4.93	4.62
Eom	5.54	3.62	3.72	3.33	4.06	4.55	4.75	5.29	5.30	5.08	4.92	4.38

1967												
5	4.56	4.33	4.28	4.22	4.58	3.04	4.08	4.32	4.46	4.58	4.41	4.41
10	4.28	4.33	4.07	4.29	4.50	4.08	3.72	4.45	3.91	4.54	4.62	4.06
15	4.45	4.34	4.13	4.35	4.63	4.08	4.06	4.54	4.37	4.61	4.69	4.24
20	4.46	3.98	4.16	4.43	4.73	3.95	4.23	4.57	4.50	4.46	4.73	....
25	....	4.20	4.16	4.49	4.52	3.94	4.33	3.72	4.54	4.51	4.41	....
Eom	4.26	4.26	4.16	4.52	4.76	4.02	4.33	4.32	4.53	4.63	4.62	....

1968												
5	3.89	3.89	4.19	3.67	4.11	4.43	4.52	4.63	5.17	5.50	5.40	4.94
10	3.74	3.96	4.20	3.89	4.20	3.89	4.57	4.65	5.29	5.41	5.44	5.20
15	3.79	4.02	3.80	3.95	4.04	4.23	4.49	4.85	5.38	5.48	5.38	5.22
20	3.67	4.07	3.94	4.01	4.23	4.36	4.60	4.97	4.81	4.20	4.86	5.29
25	3.75	4.13	3.94	4.06	4.35	4.36	4.72	5.04	5.22	5.04	5.23	4.93
Eom	3.83	4.16	3.97	4.09	4.28	4.48	4.80	5.21	5.40	5.36	5.15	4.82

353443N0825625.1. Local number NC-112. M. H. Kirkpatrick. Near Ironduff. Dug domestic and stock well in biotite gneiss of Paleozoic age, diam 24 in, depth 15 ft, lined with tile. Lsd 2,510 ft above msl. MP top of tile pipe, 0.50 ft above lsd. Highest water level 5.55 below lsd, Mar. 18, Apr. 16, July 20, 1963; lowest 10.39 below lsd, July 2, 1962. Records available: 1961-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1964	6.65	July 21, 1964	6.65	Feb. 23, 1965	6.60	Oct. 5, 1965	7.20
18	6.55	27	6.95	Mar. 7	6.55	13	7.15
28	6.60	Aug. 8	6.90	25	6.55	21	7.10
Feb. 17	6.55	17	6.85	Apr. 7	6.60	26	7.25
29	6.65	25	6.95	19	6.90	Nov. 5	7.30
Mar. 9	6.70	Sept. 1	6.80	27	6.65	17	7.15
20	6.70	10	6.90	May 10	6.90	29	7.30
25	6.55	24	7.10	24	6.50	Dec. 8	7.30
Apr. 6	6.55	30	6.85	June 2	6.90	27	7.50
13	6.60	Oct. 5	6.60	14	6.65	Jan. 3, 1966	7.20
22	7.00	12	6.95	22	7.00	11	7.50
30	6.70	22	6.90	30	7.00	17	7.10
May 7	7.05	Nov. 7	7.10	July 3	7.10	24	7.05
13	7.00	16	7.30	15	7.10	Feb. 2	7.00
21	7.10	25	7.15	Aug. 2	7.20	8	6.90
June 3	7.20	Dec. 2	7.00	11	7.25	14	6.60
9	7.05	18	6.90	23	7.40	28	6.65
17	7.20	Jan. 9, 1965	6.75	Sept. 2	7.00	Mar. 8	6.70
23	7.15	21	6.60	15	7.15	14	6.90
30	8.20	24	6.75	21	7.05	22	7.00
July 13	6.70	Feb. 8	6.55	30	7.00	20	7.05

353443N0825625.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 7, 1966	7.15	Jan. 4, 1967	7.20	Sept. 6, 1967	6.90	May 28, 1968	7.00
11	7.10	9	6.85	14	7.20	29	6.90
18	7.20	16	7.25	Oct. 3	7.30	June 3	6.70
25	7.00	24	7.25	9	7.15	11	6.65
May 4	6.70	30	7.30	16	7.40	24	7.00
10	7.10	Feb. 7	7.40	24	7.05	July 1	7.20
18	7.25	19	6.90	30	7.15	8	7.30
26	6.90	28	6.85	Nov. 9	7.40	15	7.10
30	6.85	Mar. 3	7.20	14	7.30	23	7.30
June 15	7.20	9	6.80	20	7.40	29	7.40
21	7.25	11	7.25	29	7.45	Aug. 13	7.20
27	7.30	17	6.60	Dec. 11	7.20	19	7.15
July 11	7.30	30	6.85	21	6.90	26	7.25
18	7.50	Apr. 3	7.50	26	6.80	Sept. 3	7.25
25	7.40	20	7.50	Jan. 2, 1968	6.90	10	7.30
Aug. 1	7.30	25	7.05	11	6.60	17	7.50
11	6.65	May 11	6.95	19	6.80	23	7.50
15	6.90	19	6.90	23	6.65	Oct. 1	7.40
23	6.85	30	7.05	Feb. 2	7.00	9	7.50
Sept. 5	6.90	June 7	6.80	12	7.10	14	7.50
21	6.80	12	6.70	19	7.20	21	7.40
26	6.80	19	6.70	26	7.40	29	7.45
Oct. 8	6.85	30	7.50	Mar. 8	7.40	Nov. 4	7.40
17	7.00	July 6	6.80	20	6.90	13	7.00
24	6.80	14	6.80	30	7.40	19	6.90
31	7.20	19	6.55	Apr. 4	6.90	26	6.85
Nov. 8	7.10	24	6.70	11	6.85	Dec. 2	6.90
21	6.90	Aug. 1	6.55	14	6.80	12	7.20
30	6.95	8	6.70	20	7.10	17	7.20
Dec. 5	6.75	14	6.90	May 2	6.90	23	7.00
21	6.80	21	6.80	7	7.10	30	6.90
28	6.90	28	6.65	13	7.20		

Hertford County

362642N0770515.1. Local number NC-81. Town of Murfreesboro. Drilled public-supply (standby) artesian well in Black Creek Formation of Cretaceous age, diam 3 in, depth 215 ft, cased to 215. Lsd 10 ft above msl. MP top of casing, 6.45 ft above lsd. Highest water level 1.80 above lsd, Oct. 5, 1968; lowest 6.26 above lsd, Apr. 8, 1964. Records available: 1964-68.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	+5.30	+6.10	+5.68	+5.23	+4.45	....	....	....	....	+4.22
10	....	....	5.59	6.04	5.56	5.02	3.76	....	....	....	....	4.01
15	....	....	....	6.05	5.29	4.95	4.68	....	....	+6.03	....	3.50
20	....	....	....	5.97	5.44	5.30	3.45	....	....	....	....	4.12
25	....	....	....	5.69	4.78	4.90	4.08	....	....	....	+3.00	4.46
Eom	....	+4.74	6.09	5.79	4.94	4.68	4.73	....	....	....	4.89	4.65
1965												
5	+4.35	+3.75	+4.00	+3.97	+4.75	....	....	....	+4.54	+3.80	+3.21	+4.15
10	4.25	3.77	3.96	3.98	4.72	....	....	+4.58	4.20	....	3.75	3.98
15	4.05	4.02	3.98	4.62	....	....	....	4.34	4.21	....	3.94	4.07
20	4.05	3.90	4.00	....	....	....	....	4.31	4.22	....	3.92	4.35
25	4.47	3.87	4.00	....	....	....	....	4.53	3.25	....	4.87	4.43
Eom	4.10	4.08	3.83	4.79	....	....	....	4.52	2.89	4.05	4.12	....
1966												
5	....	....	....	....	....	....	....	....	....	....	....	....
10	....	+4.04	....	....	....	....	....	....	....	....	....	....
15	....	4.11	....	....	....	....	....	....	....	....	....	....
20	....	4.28	....	....	....	....	....	....	....	....	....	....
25	....	4.30	....	....	....	....	....	....	....	....	....	....
Eom	....	4.50	....	....	....	....	....	....	....	....	....	....
1967												
5	....	....	....	....	....	....	+3.47	....	....	+3.40	+2.26	+3.14
10	....	....	....	....	....	....	+3.23	3.48	....	3.29	2.28	3.24
15	....	....	....	....	....	....	3.30	3.63	+2.96	3.34	2.35	3.25
20	....	....	....	....	....	....	3.14	3.66	3.03	....	2.40	3.20
25	....	....	....	....	....	....	2.96	3.87	3.14	2.54	2.67	3.49
Eom	....	....	....	....	....	....	3.40	....	3.40	2.48	2.91	3.50

362642N0770515.1--Continued.

1968											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	+3.60	....	+3.49	+3.37	+3.11	+3.23	+2.82	+2.62	+2.08	+1.82	+2.02 +2.21
10	3.66	....	3.45	3.32	2.96	3.14	2.87	2.40	2.22	1.97	1.96 2.08
15	3.88	+3.48	3.30	3.35	3.08	3.11	2.88	2.55	2.10	1.97	2.13 2.17
20	3.65	3.45	3.58	3.35	3.25	3.12	2.80	....	1.94	2.07	2.14 2.14
25	3.64	3.37	3.52	3.38	3.16	2.99	2.74	....	1.95	2.07	2.18 2.22
Eom	....	3.48	3.39	3.23	3.35	2.87	2.74	....	1.99	1.98	2.18

362351N076554.1. Local number NC-82. Town of Winton. Drilled unused artesian well in sand of Black Creek Formation of Cretaceous age, diam 8 in, depth 291 ft, cased to 237 ft. Lsd 41.70 ft above msl. MP top of recorder shelf, 0.70 ft above lsd. Highest water level 27.58 below lsd, Sept. 17, 1967; lowest 29.14 below lsd, Dec. 9, 1968. Records available: 1966-68.

Mean water level for the day, from recorder graph, 1966

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	28.81 28.90
10	28.75 28.78
15	28.83 28.78
20	28.75	28.85 28.72
25	28.78	28.76 28.78
Eom	28.83	28.75 28.74

1967											
5	28.76	28.66	28.66	28.65	28.73	28.70	28.65	28.63	27.82	27.68	28.76 28.72
10	28.64	28.65	28.68	28.62	28.75	28.70	28.62	28.57	27.91	27.65	28.75 28.65
15	28.62	28.60	28.71	28.65	28.68	28.74	28.55	28.54	27.66	27.74	28.78 28.66
20	28.70	28.63	28.72	28.76	28.68	28.70	28.58	28.42	27.61	28.71	28.77 28.68
25	28.64	28.78	28.65	28.74	28.87	20.60	28.58	28.18	27.65	28.72	28.70 28.66
Eom	28.67	28.67	28.64	28.67	28.65	28.66	28.61	28.00	27.69	28.76	28.75 28.62

1968											
5	28.65	28.59	28.58	28.47	28.46	28.54	28.63	28.68	28.78	....	28.89 28.96
10	28.70	28.55	28.54	28.48	28.51	28.47	28.57	28.68	....	....	28.88 29.10
15	28.53	28.57	28.56	28.45	28.54	28.54	28.60	28.70	....	....	28.92 29.01
20	28.57	28.56	28.52	28.55	28.54	28.57	28.58	28.77	....	....	28.99 28.95
25	28.64	28.72	28.52	28.42	28.54	28.62	28.59	28.75	....	....	28.98 29.03
Eom	28.58	28.50	28.48	28.48	28.48	28.63	28.60	28.80	....	28.94	29.01 29.01

Hoke County

350340N0792125.1. Local number NC-35. North Carolina Tuberculosis Sanitarium. McCoin. Drilled unused artesian well in Tuscaloosa Formation of Late Cretaceous age, diam 24 in, depth 309 ft, gravel-walled. Lsd 355 ft above msl. MP top of recorder shelf, 1.40 ft above lsd. Highest water level 2.14 below lsd, Apr. 16, 1965; lowest 8.27 below lsd, Oct. 14, 1968. Records available: 1965-68

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	2.85	3.78	3.61	2.60	....	....	....
10	2.98	3.81	3.56	2.78	....	....	....
15	2.20	3.16	3.79	3.46	2.94	....	....	....
20	2.36	3.30	3.50	3.18	3.12	....	....	....
25	2.56	3.55	3.59	3.16	3.18	....	....	....
Eom	2.68	3.64	3.46	2.42	3.31	....	....	....

1966											
5	....	4.60	3.33	4.37	4.97	4.90	5.31	5.62	5.86	6.07	6.49 6.74
10	4.76	4.58	3.30	4.50	5.06	4.98	5.40	5.65	5.95	6.11	6.53 6.75
15	4.73	4.68	3.46	4.60	5.12	5.02	5.44	5.67	5.98	6.18	6.57 6.78
20	4.72	4.57	3.66	4.73	5.12	5.11	5.48	5.71	5.97	6.35	6.60 6.45
25	4.64	4.43	4.09	4.82	5.02	5.22	5.56	5.74	6.02	6.36	6.64 6.44
Eom	4.63	4.27	4.21	4.88	4.82	5.30	5.61	5.81	6.04	6.45	6.68 6.43

1967											
5	6.33	6.41	6.09	6.46	6.92	7.16	7.38	7.27	6.75	6.92	7.29 7.50
10	6.28	6.34	6.21	6.50	....	7.22	7.36	7.27	6.66	6.98	7.40 7.51
15	6.25	6.28	6.22	6.55	6.69	7.29	7.32	7.01	6.57	7.05	7.47 7.50
20	6.27	6.18	6.31	6.66	7.05	7.32	7.31	7.04	6.64	7.09	7.51 7.52
25	6.30	6.07	6.35	6.83	7.05	7.36	7.23	6.80	6.76	7.11	7.49 7.49
Eom	6.37	6.01	6.42	6.88	7.11	7.36	7.25	6.66	6.84	7.22	7.52 7.41

1968											
5	7.39	....	7.04	7.13	7.44	7.51	7.75	7.75	7.97	8.25	8.06 7.87
10	7.27	....	7.06	7.18	7.45	7.50	7.72	7.80	8.01	8.24	8.09 7.93
15	7.76	....	7.12	7.21	7.42	7.56	7.76	7.83	8.05	8.26	7.88
20	6.46	....	7.08	7.27	7.44	7.65	7.72	7.84	8.12	7.81	7.84
25	6.56	....	7.12	7.33	7.47	7.74	7.75	7.87	8.16	7.87	7.85
Eom	6.64	6.96	7.11	7.34	7.48	7.80	7.70	7.92	8.20	8.01	7.91

Jones County

350103N0771506.1. Local number NC-73. Oak Grove Marine Air Station. Near Pollocksville. Driven water-table well in Castle Hayne Limestone Formation of middle and late Eocene age, diam 8 in, depth 18 ft, cased to 18. Lsd 11.31 ft above msl. MP top of recorder shelf, 3.40 ft above lsd. Highest water level 7.00 below lsd, Jan. 25, 1968; lowest 9.95 below lsd, Dec. 30, 1968. Records available: 1967-68.

Mean water level for the day, from recorder graph, 1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	8.72	9.09	8.96	8.31	8.02	8.65	.....
10	.....	.....	.....	.....	.....	8.72	9.12	9.01	8.25	8.12	8.74	9.20
15	.....	.....	.....	.....	.....	8.79	9.21	8.62	7.78	8.20	8.86	9.03
20	.....	.....	.....	.....	9.14	.....	8.77	8.41	7.63	8.30	8.97	9.06
25	.....	.....	.....	.....	8.99	8.97	8.63	8.40	7.73	8.44	9.07	9.10
Eom	.....	.....	.....	.....	8.93	9.01	8.84	8.30	7.86	8.59	.....	8.96
1968												
5	8.83	7.33	8.28	7.91	8.49	8.65	9.18	9.38	9.19	9.47	9.54	9.69
10	8.80	7.48	8.40	8.08	8.59	8.71	9.20	9.45	9.18	9.47	9.52	9.76
15	8.14	7.67	.....	8.19	8.70	8.78	9.23	9.36	9.27	9.46	9.49	9.82
20	7.29	7.88	7.69	8.28	8.82	8.89	9.26	9.37	9.27	9.42	9.57	9.88
25	7.01	8.05	7.48	8.32	8.91	8.95	9.32	9.44	9.25	9.30	9.62	9.92
Eom	7.16	8.15	7.74	8.37	8.74	9.08	9.33	9.26	9.33	9.45	9.68	9.94

Lenoir County

350306N0774442.1. Local number NC-51. Pink Hill School. Pink Hill. Drilled unused water-table well in Peedee Formation of Late Cretaceous age, diam 4 in, depth 151 ft, cased to 151. Lsd 134 ft above msl. MP top of recorder shelf, 0.50 ft above lsd. Highest water level 52.27 below lsd, Apr. 1, 1966; lowest 57.82 below lsd, June 15, 1967. Records available: 1963-68. Recording gage installed Dec. 20, 1965. July 15, 1964, 53.42.

Mean water level for the day, from recorder graph, 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.00
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.92
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.95
1966												
5	53.91	53.56	52.69	52.40	52.57	52.64	52.80	.....	.....	55.42	54.09	55.82
10	53.84	53.45	52.80	52.46	52.57	52.62	52.94	.....	55.66	55.46	53.96	55.82
15	53.70	53.27	52.54	52.49	52.60	52.70	53.05	.....	55.32	55.99	53.95	.....
20	53.72	53.16	52.47	52.55	52.60	52.64	52.94	.....	55.10	54.49	54.01	54.17
25	53.59	53.00	52.45	52.54	52.55	52.71	53.10	.....	55.43	54.06	54.06	54.06
Eom	54.16	52.93	52.36	52.55	52.54	52.74	52.98	.....	55.47	55.35	55.05	53.96
1967												
5	55.03	54.56	54.31	55.48	53.65	54.00	54.50	53.86	54.04	53.78	53.75	53.71
10	54.93	54.62	53.33	.....	53.47	54.79	54.14	55.31	53.62	53.86	53.85	53.81
15	53.98	54.77	53.85	53.39	53.54	56.39	53.95	54.79	53.65	53.74	53.79	53.58
20	53.73	53.51	54.81	54.58	55.67	.....	55.05	53.91	54.95	53.71	53.84	53.59
25	53.54	53.29	53.48	55.11	55.20	54.22	54.32	53.74	54.91	53.78	53.68	53.50
Eom	54.45	53.13	54.41	54.89	55.27	55.66	53.87	54.98	53.96	53.74	53.70	53.44
1968												
5	53.70	53.09	52.90	54.16	52.86	53.27	54.05	55.87	.....	.....	.....	.....
10	53.33	.....	52.90	54.64	53.52	54.44	55.16	54.42	.....	.....	.....	.....
15	54.37	.....	52.88	53.23	53.01	55.22	54.19	.....	.....	.....	.....	.....
20	54.76	.....	52.77	52.97	53.03	55.37	54.00	.....	.....	.....	.....	.....
25	53.44	52.88	52.76	52.86	53.75	54.48	54.01	.....	.....	.....	.....	.....
Eom	53.18	52.83	52.72	52.81	53.24	54.12	55.21	.....	.....	.....	.....	.....

Macon County

351516N0832437.1. Local number NC-117. Claude Leatherman. Wests Mill. Dug domestic water-table well in biotite gneiss of Paleozoic age, diam 2½ ft, depth 63 ft, lined with tile. Lsd 2,060 ft above msl. MP lip of concrete well top, 0.25 ft above lsd. Highest water level 38.96 below lsd, Sept. 17, 1962; lowest 59.98 below lsd, Mar. 9, 1964. Records available: 1961-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	57.98	Mar. 16, 1964	59.39	May 25	52.35	Aug. 10, 1964	50.13
13	58.83	23	59.11	June 1	51.52	17	50.42
20	58.37	30	58.79	8	51.87	24	49.96
28	59.47	Apr. 6	56.95	15	51.55	28	50.71
Feb. 3	59.04	13	56.81	22	51.77	Sept. 14	50.37
9	58.60	20	56.10	29	51.31	21	50.25
17	58.50	27	55.39	July 6	50.10	Oct. 5	49.42
24	59.11	May 4	55.48	13	49.89	12	50.71
Mar. 2	59.33	11	53.90	27	50.41	19	50.74
9	59.98	18	52.65	Aug. 3	51.27	26	50.40

351516N0832437.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 2	50.58	Nov. 15, 1965	53.28	July 25, 1966	58.70	Mar. 27, 1967	58.66
9	51.59	22	53.86	Aug. 1	57.01	Apr. 3	57.36
16	50.85	29	53.62	8	56.76	10	57.87
23	50.09	Dec. 6	54.43	15	56.23	18	57.49
30	49.95	13	53.88	22	56.70	24	57.92
Dec. 9	49.84	20	54.77	29	57.48	May 1	57.71
14	49.90	27	54.44	Sept. 5	58.22	9	55.81
21	50.05	Jan. 3, 1966	55.21	12	58.42	15	56.27
28	50.37	10	55.22	20	57.77	22	56.82
Jan. 4, 1965	50.82	17	55.34	26	57.52	29	56.63
11	50.23	24	55.78	Oct. 3	57.22	June 5	56.65
31	47.57	Feb. 7	56.27	10	57.83	12	56.94
June 7	47.62	14	55.99	17	57.64	19	55.66
14	48.24	21	56.48	24	58.86	26	55.96
21	48.53	28	56.38	31	58.40	July 3	54.93
28	48.57	Mar. 7	56.83	Nov. 7	58.21	10	55.70
July 4	48.11	15	56.36	14	59.16	18	54.48
12	49.97	21	56.76	21	57.60	31	55.22
19	49.27	28	56.79	28	59.04	Sept. 12	49.92
26	49.31	Apr. 4	56.54	Dec. 5	59.32	Oct. 5	49.33
Aug. 2	50.10	11	56.98	12	58.25	10	49.28
9	49.16	18	56.39	19	58.71	Dec. 5	48.57
17	49.91	25	57.74	26	59.86	Jan. 18, 1968	47.46
24	50.77	May 2	57.23	Jan. 1, 1967	58.99	Feb. 26	46.51
30	51.01	9	57.72	9	59.16	Mar. 15	46.40
Sept. 6	51.00	16	58.24	16	58.84	Apr. 25	46.19
13	51.02	23	56.51	24	59.18	May 29	45.74
20	51.19	30	56.43	30	58.66	June 21	46.62
27	51.35	June 6	57.63	Feb. 6	59.15	July 24	47.48
Oct. 4	51.99	13	56.74	20	57.79	Aug. 29	48.60
11	51.56	20	57.31	27	57.94	Sept. 27	49.70
18	53.21	27	57.89	Mar. 6	58.81	Oct. 23	50.41
25	53.04	July 4	57.66	14	57.83	Nov. 20	50.61
Nov. 1	53.66	11	57.63	20	58.09	Dec. 30	53.31
8	52.95	18	57.78				

Martin County

355734N0771800.1. Local number NC-43. Martin County Board of Education. West Martin School, Oak City. Drilled unused artesian well in Black Creek Formation of Late Cretaceous age, diam 4 in, depth 88 ft, cased to 88. Lsd 81.66 ft above msl. MP top of casing, 0.10 ft above lsd. Highest water level 11.67 below lsd. June 8, 1961; lowest 19.32 below lsd, Nov. 8, 9, 1968. Records available: 1959-68.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	14.52	.....	.....	13.61	.....	16.55	17.08	.....	.....	.....	13.83
10	13.89	14.67	.....	.....	13.85	.....	16.77	16.90	.....	.....	.....	13.92
15	14.24	14.76	13.60	.....	14.12	15.60	17.03	16.80	.....	.....	.....	13.95
20	14.50	14.91	13.47	.....	.....	15.91	17.20	16.78	.....	.....	.....	14.05
25	14.57	14.90	13.41	13.17	.....	16.11	17.15	16.82	.....	.....	.....	.....
Eom	14.62	.....	13.48	13.37	.....	16.34	17.13	.....	.....	.....	13.77	.....
1965												
5	.....	.....	12.69	.....	13.85	15.11	13.29	13.41	15.01	16.22	16.97	17.54
10	.....	12.85	.....	.....	13.99	15.28	13.52	13.29	15.36	16.28	17.11	17.67
15	.....	12.00	.....	.....	14.21	14.73	13.72	13.48	15.55	16.38	17.24	17.60
20	.....	12.53	.....	.....	14.41	13.83	14.00	13.85	15.72	16.51	17.34	17.66
25	.....	12.57	.....	.....	14.63	13.46	14.32	14.21	15.87	16.65	17.39	17.73
Eom	.....	.....	.....	.....	14.87	13.25	13.97	14.65	16.03	16.81	17.48	17.84
1966												
5	17.91	15.70	12.60	13.52	14.41	13.57	14.50	16.62	14.74	15.07	15.67	16.52
10	17.82	15.24	12.62	13.73	14.35	13.64	14.86	16.71	14.89	14.94	15.81	16.61
15	17.76	14.41	12.74	13.91	14.21	13.84	15.21	16.34	15.12	14.97	15.97	16.53
20	17.65	13.70	12.92	14.11	14.00	13.93	15.58	15.90	15.25	15.08	16.14	16.06
25	17.25	13.20	13.13	14.22	13.85	14.04	16.00	15.51	15.34	15.27	16.27	15.78
Eom	16.20	12.97	13.33	14.36	13.66	14.23	16.37	14.90	15.32	15.46	16.35	15.35
1967												
5	14.82	13.27	12.89	13.85	14.63	15.48	16.22	16.10	13.47	13.84	14.77	14.56
10	14.20	13.22	13.11	14.02	14.69	15.65	16.23	16.27	13.60	14.02	14.88	14.20
15	13.51	13.06	13.25	14.20	14.86	15.85	16.27	15.30	.....	14.33	14.99	13.92
20	13.19	12.96	13.45	14.37	15.07	15.96	16.26	14.70	13.19	14.33	15.14	13.74
25	13.05	12.81	13.53	14.53	15.20	16.07	16.19	13.88	13.37	14.46	15.14	13.51
Eom	.....	12.80	13.71	14.58	15.36	16.21	16.12	13.47	13.60	14.66	14.90	13.14

355734N0771800.1--Continued.

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.95	12.90	.....	13.41	13.82	14.14	14.76	15.74	17.39	18.93	19.21	18.58
10	12.90	13.06	.....	13.35	14.06	14.15	14.98	16.07	17.88	19.00	19.23	18.60
15	12.67	13.27	.....	13.27	14.25	14.17	15.04	16.39	18.13	19.13	18.99	18.50
20	12.57	13.46	13.42	13.36	14.32	14.18	15.02	16.71	.....	19.11	18.75	18.47
25	12.57	.....	13.21	13.49	14.36	14.33	15.10	17.01	18.54	19.06	18.65	18.45
Eom	12.76	.....	13.29	13.63	14.25	14.55	15.42	17.39	18.75	19.15	18.65	18.37

Moore County

350636N0792836.1. Local number NC-122. 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 at ove 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: 1944-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1964	46.15	June 21, 1965	33.33	Aug. 22, 1966	42.22	Nov. 6, 1967	33.75
13	38.74	27	33.56	29	42.47	13	32.94
20	36.62	July 5	33.58	Sept. 5	42.71	20	33.44
27	35.86	12	33.61	12	42.95	27	32.44
Feb. 3	34.32	19	33.64	19	43.37	Dec. 4	33.25
10	34.55	25	33.71	26	43.44	11	33.41
17	34.15	Aug. 2	33.67	Oct. 3	43.62	18	33.43
24	33.62	9	33.72	10	43.79	25	33.84
Mar. 2	33.98	16	33.82	17	43.95	Jan. 1, 1968	33.09
9	34.01	23	33.79	24	44.11	8	33.59
16	32.25	30	33.85	31	44.24	15	33.35
23	33.42	Sept. 6	33.82	Nov. 7	44.41	27	31.83
30	33.74	13	33.85	14	44.57	29	32.02
Apr. 6	33.91	20	34.01	21	44.63	Feb. 5	33.28
13	33.28	27	33.98	28	44.67	12	33.41
20	33.61	Oct. 4	33.96	Dec. 5	44.83	19	33.73
27	33.77	11	34.01	12	44.93	26	33.98
May 4	33.74	18	33.99	19	45.09	Mar. 4	34.04
11	33.81	25	34.01	26	44.90	11	34.08
18	33.82	Nov. 1	33.96	Jan. 2, 1967	35.09	18	33.66
25	33.92	8	34.11	9	33.63	25	33.18
June 1	33.93	15	34.13	16	33.58	Apr. 1	33.44
8	33.83	22	34.15	23	33.83	8	33.94
15	34.08	29	34.22	30	33.87	15	34.22
22	34.40	Dec. 6	34.27	Feb. 7	33.83	22	34.62
29	34.07	13	34.32	13	33.11	29	35.23
July 6	34.32	20	34.73	20	33.34	May 6	35.47
13	34.38	27	34.33	27	33.32	13	38.08
20	34.09	Jan. 3, 1966	34.35	Mar. 13	34.03	20	39.31
27	34.11	10	34.45	20	33.12	27	40.92
Aug. 3	34.18	17	34.44	27	33.70	June 3	42.22
10	34.29	24	34.58	Apr. 3	33.79	10	43.18
17	34.27	31	34.75	10	33.55	17	34.92
24	34.30	Feb. 7	34.83	17	34.32	24	44.53
31	34.09	14	34.62	24	35.33	July 1	44.99
Sept. 7	33.45	21	33.76	May 1	33.94	8	45.42
14	33.65	27	33.49	8	35.12	15	45.83
21	33.64	Mar. 7	32.34	15	37.43	22	46.02
28	33.62	13	33.62	22	39.22	29	46.01
Oct. 5	33.53	21	34.12	29	40.88	Aug. 5	46.17
12	33.41	28	34.35	June 5	42.42	11	46.26
19	33.40	Apr. 4	34.49	12	42.61	19	46.34
Feb. 8, 1965	33.51	11	34.56	19	44.53	26	46.43
15	33.15	18	34.61	26	45.22	Sept. 2	46.46
22	33.18	25	34.70	July 3	45.77	9	46.57
Mar. 1	33.48	May 2	34.77	10	46.21	16	46.61
8	32.91	9	34.93	17	46.58	23	46.71
15	33.35	16	35.13	31	46.98	30	46.81
22	33.07	23	35.50	Aug. 7	47.13	Oct. 7	46.88
29	32.95	30	36.01	14	46.67	14	46.90
Apr. 5	33.21	June 6	36.24	21	46.67	20	32.04
12	33.33	13	36.99	28	32.01	Nov. 4	35.18
19	33.63	20	37.77	Sept. 4	33.87	11	34.04
26	33.09	26	38.42	11	33.41	18	33.55
May 3	33.32	July 4	39.04	18	33.77	25	34.13
9	33.33	11	39.65	25	34.31	Dec. 2	45.97
17	33.63	18	40.33	Oct. 2	34.85	9	33.53
23	33.39	25	40.89	9	36.18	16	33.63
31	33.42	Aug. 1	41.36	16	33.29	23	33.43
June 7	33.49	8	41.69	23	32.79	30	33.43
14	33.52	15	41.96	30	32.71		

New Hanover County

341000N0775242.1. Local number NC-20. Walter J. Hodder. Near Wilmington. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, and Peedee Formation of Late Cretaceous age, diam 4 in, depth 173 ft, cased to 173. Lsd 21.30 ft above msl. MP top of recorder shelf, 0.06 ft above lsd (since Dec. 17, 1964). Highest water level 9.42 below lsd, June 10, 1966; lowest 16.53 below lsd, Oct. 2, 3, 1968. Records available: 1963-68. Recording gage installed Dec. 17, 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 13, 1964	10.05	Apr. 21, 1964	10.57	June 20, 1964	12.00	Aug. 20, 1964	10.47
23	10.10	May 26	11.41	July 21	11.41	Sept. 21	10.07

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	12.39	11.44	11.30	12.23	.....	.....	.....	11.55	12.23	12.45	13.66
10	11.97	12.25	11.54	11.31	12.66	.....	.....	.....	11.53	12.25	12.38	13.87
15	12.04	12.08	11.54	11.49	12.66	.....	.....	.....	11.66	12.41	12.27	13.81
20	12.05	11.79	11.05	11.58	.....	.....	.....	.....	11.88	12.34	12.35	13.69
25	12.12	11.47	11.15	11.76	.....	.....	.....	11.53	11.90	12.23	.....	13.76
Eom	12.17	11.78	11.30	11.77	.....	.....	.....	11.62	11.95	12.30	.....	13.98

1966

5	13.97	13.33	12.53	13.06	13.86	13.37	.....	.....	.....	.....	11.44	12.15
10	13.90	13.34	12.76	13.26	13.98	13.40	.....	.....	.....	.....	11.52	12.16
15	13.65	13.22	12.58	13.44	13.98	.....	.....	.....	.....	11.18	11.65	12.01
20	13.73	13.09	12.52	13.68	13.92	.....	.....	.....	.....	11.33	11.85	11.84
25	13.64	.....	12.66	14.08	.....	.....	.....	.....	.....	11.59	11.78	11.93
Eom	13.35	.....	12.77	14.06	.....	.....	.....	.....	.....	11.25	11.92	12.02

1967

5	11.48	11.50	11.72	12.88	13.28	13.01	13.13	12.88	12.58	13.52	13.43	12.97
10	11.19	10.71	11.87	13.08	.....	12.90	12.73	13.32	12.67	13.60	13.30	12.88
15	11.02	10.71	11.89	13.38	13.13	13.02	12.72	12.47	12.44	13.43	13.56	12.78
20	11.13	11.21	12.13	13.71	14.13	12.62	12.53	12.60	12.72	13.34	13.56	12.74
25	11.28	11.42	12.11	13.99	13.04	13.32	12.90	12.72	13.33	13.43	13.26	12.54
Eom	11.45	11.46	12.44	13.27	13.48	13.03	12.75	12.57	13.18	13.65	13.05	12.31

1968

5	12.27	11.71	11.95	13.42	13.50	14.08	15.48	12.73	14.37	16.22	13.66	12.15
10	12.54	11.60	12.05	13.54	13.95	13.67	13.83	12.73	13.76	15.33	12.91	12.44
15	11.89	11.78	12.26	13.27	13.47	13.44	12.73	12.73	14.20	14.89	12.60	12.27
20	11.89	11.93	12.07	13.48	13.51	13.87	12.73	12.72	14.59	13.71	12.40	12.43
25	11.64	12.03	12.95	13.12	14.22	14.60	12.73	12.72	15.35	13.44	12.38	12.54
Eom	11.67	11.78	13.16	12.97	13.78	15.63	12.73	13.47	15.88	13.53	12.45	12.55

Northampton County

361608N0771626.1. Local number NC-27. Formerly 1. Boomer Ice Co. Rich Square. Drilled unused artesian well in sand of Tuscaloosa Formation of Late Cretaceous age, diam 10 in, depth 88 ft, cased to 73. Lsd 74.44 ft above msl. MP top of casing, 1.70 ft above lsd (since Dec. 17, 1964). Highest water level 4.86 below lsd, Feb. 25, 1960; lowest 14.36 below lsd, Jan. 4, 1967. Records available: 1958-68. Recording gage installed Dec. 17, 1964.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	12.86	Aug. 25, 1964	12.14	Dec. 21, 1964	10.86	Dec. 27, 1964	9.10
Feb. 27	10.57	Oct. 8	7.35	22	10.74	28	8.34
Mar. 27	10.34	27	8.57	23	10.59	29	8.05
Apr. 27	10.10	Nov. 25	10.25	24	10.53	30	7.85
May 28	11.66	Dec. 19	11.06	25	10.59	31	7.92
July 17	12.42	20	10.86	26	10.53		

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	8.21	8.94	7.33	7.58	9.70	11.27	10.02	9.14	11.41	12.09	12.65	12.99
10	8.58	8.15	7.61	7.93	10.00	11.38	10.21	9.72	11.65	12.18	12.73	13.16
15	9.16	7.17	8.16	8.36	10.39	10.13	10.21	10.30	11.72	12.35	12.78	13.19
20	9.42	6.67	8.27	8.98	10.66	7.91	9.80	10.85	11.84	12.42	12.87	13.22
25	8.84	7.35	7.88	9.35	10.89	8.85	10.24	11.08	11.92	12.51	12.96	13.29
Eom	8.78	7.40	7.11	9.38	11.13	9.50	10.48	11.30	12.02	12.55	13.02	13.33

1966

5	13.37	13.60	10.61	11.35	11.58	11.88	11.91	12.62	12.56	13.03	13.67	14.09
10	13.47	13.33	10.90	11.49	11.69	11.98	12.14	12.63	12.68	13.22	13.64	14.10
15	13.48	13.11	10.87	11.61	11.71	12.14	12.25	12.65	12.84	13.23	13.78	14.10
20	13.61	12.77	10.99	11.72	11.78	11.56	12.32	12.38	12.88	13.29	13.82	14.10
25	13.55	12.05	11.14	11.73	11.88	11.63	12.47	12.47	12.97	13.37	13.90	14.10
Eom	13.62	11.84	11.09	11.90	11.84	11.75	12.58	12.47	13.06	13.53	13.94	14.10

1967

5	13.98	12.96	12.02	12.13	12.67	13.07	13.45	13.64	12.82	12.94	13.31	.....
10	13.35	12.86	12.15	12.12	12.77	13.18	13.44	13.65	12.79	13.04	13.45	13.18
15	13.28	12.65	12.08	12.25	12.82	13.25	13.54	13.60	12.66	13.02	13.34	13.09
20	13.13	12.34	12.12	12.41	12.92	13.25	13.44	13.57	12.89	13.11	13.55	13.15
25	13.00	12.19	12.05	12.49	12.94	13.30	13.56	12.83	12.91	13.21	13.51	12.49
Eom	.....	12.02	12.10	12.52	13.03	13.32	13.55	12.79	12.95	13.29	13.51	12.14

361608N0771626.1--Continued.

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.22	10.58	11.00	9.75	9.62	10.84	10.52	11.25	12.05	12.82	13.19	13.22
10	11.92	10.49	10.99	9.23	10.13	10.82	10.43	11.40	12.16	12.86	13.23	13.26
15	10.46	10.68	10.94	9.08	10.42	10.40	10.58	11.54	12.33	12.93	13.15	13.34
20	10.30	10.74	9.20	9.52	10.67	10.23	10.58	11.62	12.50	12.99	13.19	13.27
25	10.37	11.18	9.44	9.27	11.00	10.46	10.80	11.76	12.56	13.02	13.17	13.37
Eom	10.66	11.07	9.60	9.04	10.58	10.80	11.04	11.91	12.71	13.21	13.27	13.21

Onslow County

344425N0772725.1. Local number NC-52. Camp Geiger, U.S. Marine Corps. Near Jacksonville. Drilled unused water-table well in Castle Hayne Limestone of middle and late Eocene age, diam 18 in, depth 70 ft, cased to 23. Lsd 24.45 ft above msl. MP top of recorder shelf, 1.90 ft above lsd (since Dec. 21, 1965). Highest water level 2.75 below lsd, Aug. 17, 1966; lowest 10.44 below lsd, Jan. 3, 1966. Records available: 1963-68. Recording gage installed Dec. 21, 1965. Jan. 16, 1964, 4.06; July 14, 6.20; Sept. 17, 4.42; Oct. 14, 4.62.

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5
10
15
20	10.11
25	10.04
Eom	10.07

1966

5	9.85	6.15	3.50	5.90	6.91	5.85	5.20	3.85	5.26	5.27	7.17	8.68
10	10.10	6.35	4.45	6.13	7.26	6.19	5.85	4.05	5.68	.....	7.48	8.90
15	9.81	5.80	4.71	6.32	7.13	5.41	6.29	3.22	5.63	6.12	7.79	8.99
20	9.53	4.94	4.43	6.70	7.04	4.39	5.47	3.82	5.35	6.62	8.06	8.93
25	6.98	5.05	5.21	6.71	6.20	5.09	6.03	4.34	4.52	6.80	8.15	9.15
Eom	5.96	3.90	5.50	6.81	5.60	5.42	5.14	4.68	5.01	6.94	8.59	8.21

1967

5	6.66	6.77	5.86	7.42	8.42	9.14	9.01	4.69	5.59	6.15	8.03	8.17
10	6.12	4.20	6.20	7.59	8.59	9.09	8.67	5.37	3.87	6.54	8.10	8.08
15	5.65	4.63	6.40	7.72	8.51	9.12	7.14	3.46	4.32	6.89	8.26	6.39
20	5.68	4.85	6.78	8.22	8.71	9.22	4.91	4.44	5.05	7.17	8.41	6.76
25	6.14	5.38	7.09	8.53	8.70	8.75	4.76	4.25	5.64	7.15	8.33	6.60
Eom	6.50	5.44	7.43	8.31	8.96	8.71	4.11	5.00	6.02	7.65	8.12	5.53

1968

5	5.46	5.13	5.64	6.53	7.56	8.26	9.02	7.20	8.42	8.54	8.74	8.11
10	4.91	5.38	5.88	6.73	7.74	8.33	8.35	7.41	6.86	8.68	8.28	8.40
15	3.22	5.79	5.70	6.57	7.91	8.54	6.84	7.75	7.12	8.87	6.60	8.31
20	4.12	6.05	5.38	6.91	8.23	8.50	7.16	7.73	7.61	8.37	7.19	8.19
25	4.04	6.37	5.75	7.17	8.47	8.51	7.35	8.01	7.95	8.18	7.55	8.31
Eom	4.79	5.93	6.23	7.25	8.40	8.94	6.82	8.40	8.36	8.76	8.01	8.01

344525N0772545.1. Local number NC-85. Carolina Power & Light Company. Jacksonville. Drilled unused water-table well in Castle Hayne Limestone of middle and late Eocene age, diam 8 in, depth 106 ft, cased to 106. Lsd 20 ft above msl. MP top of casing, 3.20 ft above lsd. Highest water level 6.86 below lsd, June 10, 1964; lowest 19.28 below lsd, June 29, 30, 1968. Records available: 1963-68.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	9.38	9.31	9.11	9.19	7.24	.....	.....	.....	.....	.....	.....
10	.....	9.34	9.44	8.93	9.75	6.86	.....	.....	.....	.....	.....	.....
15	.....	9.12	9.20	8.94	10.72	7.50	16.64	.....	.....	11.30	.....	.....
20	10.02	9.49	9.27	9.25	9.77	8.17	15.47	.....	.....	.....	.....	.....
25	9.54	9.29	9.19	9.29	7.95	8.80	14.93	.....	.....	.....	.....	.....
Eom	9.40	9.28	8.96	9.38	8.44	8.77	14.95	.....	.....	.....	.....	.....

1965

5	.....	.....	10.65	10.03	14.03	14.80	.....	.....	17.72	16.80	15.70	13.50
10	.....	10.25	10.08	11.00	14.05	14.55	.....	.....	17.84	15.58	14.95	14.92
15	.....	10.50	10.15	11.40	15.28	.....	.....	.....	17.05	15.70	14.90	13.28
20	.....	10.17	10.40	12.05	14.45	.....	.....	.....	16.76	15.13	15.05	12.95
25	.....	10.20	10.16	11.90	14.57	.....	.....	15.99	17.02	14.65	14.40	11.56
Eom	.....	10.40	10.03	12.50	15.17	.....	.....	17.84	16.50	14.50	13.90	12.60

1966

5	12.22	13.23	11.50	10.86	13.02	13.13	13.29	14.81	.....	.....	12.55	.....
10	12.30	12.93	11.58	11.95	13.17	14.07	13.35	14.08	.....	12.64	.....	.....
15	12.05	13.45	11.35	11.98	12.92	13.65	14.69	13.20	.....	12.62	.....	.....
20	12.66	12.60	11.50	13.05	13.12	13.15	14.28	13.52	.....	12.74	.....	.....
25	12.48	12.00	11.10	14.12	13.18	13.14	14.60	.....	.....	12.78	.....	11.50
Eom	12.48	11.71	10.13	13.10	13.14	13.50	14.95	.....	.....	12.68	.....	11.41

344525N0772545.1--Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	11.43	11.02	11.14	12.56	13.22	13.54	14.34	16.90	15.88	17.33	15.24	14.13
10	11.86	10.85	10.96	13.19	13.09	14.55	15.19	16.48	16.45	17.15	15.16	14.13
15	11.60	10.95	11.11	13.98	12.96	14.58	15.67	15.70	16.55	16.52	15.32	15.24
20	12.19	10.85	11.33	13.98	14.52	15.22	15.90	15.74	16.56	16.43	15.38	14.20
25	11.79	11.32	11.89	14.33	13.70	15.87	16.42	16.74	17.28	16.45	14.51	13.21
Eom	11.26	11.16	11.96	13.21	13.84	14.68	16.26	16.12	17.41	15.68	14.12	13.53
1968												
5	13.18	11.73	11.59	12.09	13.12	15.53	.....	15.41	16.44	16.75	16.30	14.06
10	13.62	12.06	11.72	12.23	13.40	15.72	.....	15.28	16.95	16.84	16.42	13.90
15	12.67	11.70	11.93	12.26	13.50	16.74	.....	15.45	16.38	17.18	15.63	13.45
20	12.68	12.15	11.86	14.25	13.44	17.33	16.02	15.46	16.37	17.40	15.26	13.33
25	12.12	11.67	12.40	13.71	15.88	18.92	15.63	14.77	16.15	16.71	14.20	12.67
Eom	12.11	11.47	12.15	12.92	14.42	19.06	14.34	16.03	16.07	16.71	14.21	12.32

Orange County

355522N0790430.1. Local number NC-126. Formerly 1. McCauley. Chi Psi Fraternity. Chapel Hill. Dug unused water-table well in granite of Paleozoic age, 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: 1938-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1964	41.96	Jan. 19, 1965	42.04	Feb. 7, 1966	43.30	Mar. 20, 1967	44.54
13	41.72	25	41.98	14	43.19	28	44.47
20	41.64	Feb. 1	42.02	21	43.06	Apr. 3	44.45
27	41.57	8	41.70	28	42.82	10	44.44
Feb. 3	41.52	15	41.63	Mar. 7	42.26	17	44.45
10	41.19	23	41.43	14	41.97	24	44.33
17	41.03	Mar. 1	41.25	21	41.79	May 1	44.26
24	40.66	10	40.81	28	41.64	8	44.21
Mar. 2	40.41	15	40.73	Apr. 5	41.55	15	44.16
9	40.16	22	40.37	12	41.51	22	44.10
16	40.02	29	39.99	18	41.49	30	44.02
23	39.83	Apr. 5	39.60	25	41.33	June 5	44.00
31	39.50	12	39.54	May 2	41.28	12	43.96
Apr. 6	39.34	20	39.51	9	41.01	19	43.93
13	39.02	26	39.39	16	40.94	26	43.96
20	38.75	May 3	39.40	30	40.77	July 3	43.97
27	38.54	10	39.37	June 6	40.74	17	44.15
May 4	38.44	17	39.40	13	40.76	24	44.23
11	37.35	24	39.50	20	40.77	31	44.33
18	38.37	31	39.56	July 4	40.82	Aug. 7	44.45
25	38.34	June 7	39.69	11	40.79	14	44.57
June 1	38.41	14	39.58	18	41.13	21	44.69
8	38.48	21	39.53	25	41.30	Sept. 5	44.67
15	38.64	28	39.58	Aug. 1	41.47	11	44.72
22	38.82	July 5	39.55	8	41.61	18	44.76
29	39.02	12	39.60	22	41.98	25	44.84
July 6	39.17	19	39.58	29	42.18	Oct. 2	44.90
13	39.31	Aug. 2	39.66	Sept. 6	42.38	9	44.96
20	39.52	9	39.79	12	42.58	16	45.05
27	39.70	16	39.87	19	42.85	23	44.11
Aug. 3	39.82	23	40.03	26	42.92	Nov. 6	45.27
10	40.04	30	40.21	Oct. 3	43.10	14	45.34
17	40.10	Sept. 1	40.36	10	43.23	20	45.14
24	40.25	13	40.48	17	42.39	27	45.48
31	40.48	20	40.68	24	43.52	Dec. 4	45.55
Sept. 8	40.73	27	40.87	31	43.62	11	45.55
14	40.81	Oct. 4	41.04	Nov. 7	43.76	18	45.63
21	40.98	11	41.21	21	43.98	Jan. 2, 1968	45.42
28	41.11	18	41.40	28	44.03	8	45.40
Oct. 5	41.11	25	41.57	Dec. 5	44.19	15	45.05
12	41.23	Nov. 1	41.72	12	44.29	22	44.96
19	41.25	15	42.02	19	44.36	29	44.87
26	41.38	22	42.10	Jan. 3, 1967	44.53	Feb. 5	44.78
Nov. 2	41.43	29	42.29	9	44.61	12	44.69
16	41.60	Dec. 6	42.39	16	44.66	19	44.65
23	41.77	13	42.50	23	44.71	26	44.63
30	41.73	20	42.65	30	44.78	Mar. 4	45.61
Dec. 8	41.85	28	42.82	Feb. 6	44.83	11	44.20
14	41.93	Jan. 4, 1966	42.97	13	44.81	18	44.37
21	41.97	10	43.03	20	44.66	25	44.29
28	41.95	17	43.13	27	44.59	Apr. 1	44.20
Jan. 4, 1965	41.99	24	43.17	Mar. 6	44.54	8	44.14
11	41.99	31	43.26	13	44.55	16	44.10

355522N0790430.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 22, 1968	44.07	July 1, 1968	43.99	Sept. 3, 1968	44.94	Nov. 4, 1968	46.20
May 6	44.06	8	44.05	9	45.08	18	46.32
13	44.04	15	44.05	16	45.27	25	46.34
20	44.03	22	44.13	23	45.46	Dec. 2	46.41
27	43.98	29	44.21	30	45.63	9	46.47
June 3	43.95	Aug. 5	44.32	Oct. 7	45.77	16	46.55
10	43.95	12	44.46	14	45.91	23	46.58
17	43.91	19	44.60	21	45.98	30	46.61
24	43.93	26	44.74	29	46.11		

Pamlico County

351523N0763359.1. Local number NC-46. L. T. Sadler. Hobucken. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam $1\frac{1}{2}$ in, depth 219 ft, cased to 200. Lsd 4 ft above msl. MP top of recorder shelf, 3.20 ft above lsd. Highest water level 0.10 below lsd, Oct. 11, 1965; lowest 3.81 below lsd, Dec. 11-14, 1968. Records available: 1965-68.

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	0.25	0.72	....
10	0.31	.07	.74	....
1529	.25	.75	....
2026	.21	.94	1.46
2525	.24	....	1.60
Eom25	.27	....	....

1966

5	1.73	....	2.13	2.39	2.65	2.64	2.70	....	....	3.04	....	....
10	1.72	2.22	2.33	2.48	2.65	2.71	2.72	....	3.15	3.06	....	....
15	1.72	2.23	2.25	2.51	2.65	2.65	....	....	3.01	3.16	....	....
20	1.73	2.16	2.33	2.60	2.65	2.61	....	....	2.96	3.17	....	....
25	1.75	2.15	2.38	2.68	2.46	2.64	....	....	3.02	3.31	....	....
Eom	1.77	2.12	2.38	2.66	2.44	2.67	....	....	3.04	3.30	....	....

1967

5	....	3.52	3.53	3.25	3.31	3.22	3.41	3.50	3.31	....	3.20	3.26
10	....	3.33	3.53	3.25	3.37	3.28	3.41	3.44	3.20	....	3.31	3.32
15	....	3.41	....	3.37	3.35	3.32	3.42	3.21	....	....	3.29	3.29
20	....	3.46	....	3.36	3.44	3.38	3.33	3.29	3.02	3.21	3.36	3.37
25	....	3.52	....	3.36	3.13	3.40	3.39	3.31	....	3.29	3.19	3.35
Eom	3.52	3.51	3.24	3.33	3.12	3.36	3.45	3.32	....	3.31	3.28	3.24

1968

5	3.32	3.30	3.19	3.46	3.30	3.52	3.72	3.48	3.34	3.65	3.64	3.68
10	3.38	3.16	3.20	3.46	3.46	3.55	3.62	3.49	3.34	3.66	3.36	3.79
15	3.19	3.31	3.29	3.37	3.45	3.56	3.61	3.49	3.34	3.66	3.61	3.73
20	3.36	3.15	3.32	3.35	3.48	3.54	3.64	3.49	3.58	3.63	3.61	3.78
25	3.17	3.13	3.45	3.25	3.61	3.63	3.72	3.50	3.58	3.63	3.64	3.75
Eom	3.32	3.13	3.45	3.18	3.42	3.67	3.55	3.45	3.58	3.64	3.70	3.75

Pasquotank County

361833N0761730.1. Local number NC-86. Formerly 31T. C. T. Winslow. Elizabeth City. Dug unused water-table well in sands of post-Miocene age, diam 18 in, depth 8 ft, lined with tile. Lsd 12.53 ft above msl. MP top of recorder shelf, 2.70 ft above lsd. Highest water level 1.70 above lsd, Feb. 26, 1968; lowest 8.00 below lsd, Dec. 21, 1943. Records available: 1935-68.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	+0.31	....	-0.69	+0.87	-3.59	-4.28	-4.91	+0.79	+0.33	-1.55	-1.40
10	-0.17	....	-0.99	+1.02	....	3.86	4.40	-4.96	-.77	-.57	1.82	1.75
15	+1.13	-.30	....	-.17	-1.99	2.94	4.62	....	-.60	-1.17	2.18	1.79
20	....	-.01	-.27	....	....	3.74	4.70	....	+1.81	+0.05	2.28	1.50
25	-.12	....	+0.04	-1.09	2.57	2.52	....	....	.55	-.88	1.77	1.37
Eom	-.21	+24	....	+52	3.29	3.58	....	....	.03	1.36	1.35	.07

1965

5	-0.87	-0.23	+0.20	-1.20	-1.44	-1.46	+0.20	-0.69	-3.33	....	....	....
10	1.04	+0.07	-.66	1.28	.60	1.92	-.24	1.48	3.87	....	....	....
15	1.28	+25	-1.16	1.58	1.56	.92	+0.07	2.15	3.92	....	....	-5.30
20	-.12	-.51	+12	1.85	2.08	.72	-.79	2.72	4.32	....	-4.86	5.33
25	+11	.05	+10	.50	2.47	.05	-1.61	1.62	4.35	....	....	5.34
Eom	-.45	-.85	-.83	....	.18	-.93	+1.10	2.83	....	....	....	5.47

361833N0761730.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-5.50	-0.95	-0.58	-2.11	-1.33	-1.55	-2.75	....	-2.03	-1.76	-4.10	-4.59
10	5.32	.08	.98	2.40	....	1.54	3.63	-3.41	.85	2.28	4.16	4.64
15	5.38	.44	1.22	2.65	....	1.99	4.16	2.58	2.95	2.29	4.39	1.82
20	5.12	....	1.05	2.97	....	.23	4.46	-.80	3.32	2.76	4.53	1.89
25	3.78	....	1.40	2.92	1.26	1.56	4.76	+20	3.28	3.10	4.53	1.61
Eom	1.75	....	1.73	3.27	.29	2.14	....	-1.23	1.58	3.63	4.31	.79
1967												
5	-0.16	-1.25	....	-2.26	-4.04	....	-4.30	-2.39	-1.43	-2.02	-3.91	-0.68
10	+.03	+.13	....	2.41	4.07	....	2.40	.90	+.07	2.34	4.14	....
15	-.08	-.60	....	2.73	4.11	....	-.17	.22	-.82	2.63	4.22	....
20	.04	+.01	-2.02	3.11	4.37	....	+.02	.95	+.11	2.87	4.41	....
25	.80	-.87	1.57	....	4.44	-4.55	-1.14	+.13	-1.39	3.11	3.70	....
Eom	.97	....	2.06	....	4.58	4.70	1.55	-1.23	1.64	3.70	3.40	....
1968												
5	-0.08	+1.06	+1.17	-1.08	-1.38	-1.94	-3.15	-3.40	-5.00	-5.24	-2.36	-0.56
10	.08	....	1.42	.34	2.00	2.45	3.10	4.04	4.67	5.09	-1.13	-.90
15	-.18	1.13	.20	.48	2.32	2.10	1.68	4.43	4.89	5.22	+.01	+.21
20	+.32	1.32	+.19	1.28	2.46	2.01	1.87	4.63	5.00	.06	0.00	.95
25	.51	1.61	-.89	.05	2.98	2.80	2.68	4.76	5.08	1.24	-.52	.94
Eom	.96	1.20	1.41	1.05	1.31	3.64	3.09	4.90	5.17	1.99	1.17	.54

Pender County

342500N0775530.1. Local number NC-26. Arvida Farms. Rocky Point. Drilled unused artesian well in Peedee Formation of Late Cretaceous age, diam 6 in, depth 141 ft, cased to 141. Lsd 25 ft above msl. MP top of wooden platform, 1.00 ft above lsd. Highest water level 0.97 below lsd, May 14, 15, 1966; lowest 6 25 below lsd, May 5, 1966. Records available: 1964-68.

Mean water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	....	....	....	....	....	....	....
10	....	....	....	....	....	....	....	....	....	....	....	....
15	....	....	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	....	....	....	2.92
Eom	....	....	....	....	....	....	....	....	....	....	....	2.41
1965												
5	2.45	2.68	2.23	2.55	3.14	2.89	2.45	2.43	....	....	....	3.28
10	2.55	2.51	2.29	2.67	3.33	2.99	2.40	2.65	....	....	....	3.35
15	2.65	2.39	2.43	2.82	3.32	2.66	2.18	2.80	....	....	....	3.35
20	2.68	2.15	2.30	2.90	3.35	2.21	2.20	2.56	....	....	....	3.35
25	2.69	2.24	2.22	2.99	3.33	2.46	2.52	2.43	....	....	....	3.41
Eom	2.71	2.35	2.36	3.03	2.97	2.64	2.27	....	....	....	....	3.43
1966												
5	3.43	2.18	2.02	2.71	5.40	2.64	2.92	....	....	....	3.03	3.26
10	3.07	2.36	2.15	2.82	6.09	2.80	2.93	....	....	....	3.05	3.28
15	2.95	2.42	2.34	2.92	.97	2.36	....	....	....	2.64	3.08	....
20	2.69	2.24	2.24	3.02	....	2.45	....	....	....	2.75	3.11	....
25	2.41	2.25	2.42	3.11	....	2.61	....	....	....	2.86	3.15	....
Eom	2.10	2.33	2.59	3.18	....	2.77	....	....	....	2.96	3.17	....
1967												
5	....	2.32	2.07	2.59	2.76	3.05	2.70	2.29	1.66	2.45	2.87	2.39
10	....	1.74	....	2.65	....	3.08	2.57	2.31	1.84	2.54	2.97	2.33
15	....	1.51	....	2.72	2.76	3.20	2.49	....	1.69	2.64	3.01	2.26
20	....	1.59	2.43	2.76	2.89	3.21	1.92	....	1.94	2.70	3.09	2.28
25	....	1.67	2.49	2.84	2.97	3.04	1.99	1.67	2.18	2.75	3.04	....
Eom	2.25	1.85	2.55	2.78	2.95	3.09	2.20	1.78	2.32	2.83	2.57	....
1968												
5	1.89	2.11	2.25	2.41	2.51	2.91	3.54	1.61	2.36	2.81	2.05	1.93
10	1.94	2.23	2.28	2.44	2.64	2.98	3.60	1.92	2.45	2.84	1.64	1.91
15	1.52	2.35	2.28	2.17	2.74	2.84	2.21	1.77	2.34	2.87	1.43	2.01
20	1.64	2.43	2.14	2.23	2.84	2.79	1.59	1.83	2.44	2.57	1.59	2.05
25	1.82	2.47	2.19	2.33	2.99	2.92	1.54	2.00	2.58	1.95	1.84	2.04
Eom	1.96	2.41	2.32	2.41	2.90	3.21	1.58	2.20	2.71	2.02	1.99	1.94

Perquimans County

360546N0762017.1. Local number NC-33. Harveys Point Defense Base. Harveys Neck. Drilled unused artesian well in Yorktown Formation of late Miocene age, diam 8 in, depth 66 ft, cased to 66. Lsd 3 30 ft above msl. MP top of casing, at lsd. Highest water level 1.58 below lsd, Mar. 18, 1968; lowest 17.70 below lsd June 26, 1968. Records available: 1961-68. Recording gage installed Dec. 17, 1964. Jan. 15, 1964, 2.68; July 6, 2.32; Aug. 3, 4.42.

360546N0762017, 1---Continued.

Mean water level for the day, from recorder graph, 1965

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	4.93	7.10	6.56	4.86	8.13	8.89	....	....
10	....	....	....	....	4.98	6.93	6.89	5.60	9.13	8.62	....	....
15	....	....	....	....	5.53	6.11	6.75	6.55	8.57	9.44	....	6.17
20	....	....	....	....	5.99	4.76	6.65	7.84	8.57	8.81	....	6.10
25	....	....	....	....	6.44	6.14	7.23	7.39	8.83	8.95	....	6.08
Eom	....	....	....	4.34	6.27	6.11	3.95	7.77	9.00	9.03	....	6.09
1966												
5	6.07	....	....	5.46	6.24	3.83	6.87	8.80	7.13	4.45	5.72	5.54
10	5.68	....	3.46	5.72	5.98	5.15	7.73	8.05	7.62	4.65	6.18	5.66
15	....	....	3.95	6.92	4.66	5.53	8.61	7.63	4.38	5.04	5.66	....
20	....	....	4.56	6.09	5.94	5.32	8.88	7.91	8.68	5.22	5.75	7.75
25	....	....	4.30	6.18	3.72	5.94	9.21	7.67	4.90	5.31	5.69	7.63
Eom	....	....	5.10	6.43	2.41	6.52	8.95	6.74	4.49	5.46	5.81	7.08
1967												
5	6.59	5.67	3.99	4.96	6.40	7.77	8.33	5.88	....	....	....	....
10	5.02	3.74	4.69	5.01	6.85	7.95	7.96	6.38	....	....	....	5.31
15	4.46	3.67	4.76	5.36	6.89	8.15	6.74	2.87	3.72	....	....	3.39
20	4.55	3.38	4.59	6.88	7.26	8.13	4.17	3.99	3.49	....	....	3.94
25	4.76	3.33	4.31	6.00	7.35	8.41	4.26	....	8.12	....	....	2.98
Eom	....	3.74	5.03	6.17	7.62	9.91	5.15	....	....	....	....	7.72
1968												
5	3.34	3.58	3.18	3.84	4.14	....	6.77	11.75	9.52	....	6.87	6.03
10	2.60	2.77	3.59	2.99	4.81	....	9.14	7.98	....	....	6.72	....
15	1.70	3.21	....	2.96	4.75	....	6.29	8.79	....	....	6.81	5.94
20	2.36	3.57	1.75	3.71	5.10	....	7.01	8.75	....	....	5.76	6.34
25	2.75	4.01	2.57	3.34	6.44	5.81	7.24	8.25	....	....	5.87	6.02
Eom	3.19	3.76	3.30	3.64	....	6.48	7.55	8.54	....	6.81	6.21	5.63

361720N0763359.1. Local number NC-87. Clarence Chapell. Near Belvidere. Drilled unused artesian well in Beaufort Formation of Paleocene age, diam 4 to 2 in, depth 410 ft, cased to 306. Lsd 50.02 ft above msl. MP top of recorder shelf, 2.00 ft above lsd. Highest water level 29.05 below lsd, July 27, 1962; lowest 34.18 below lsd, May 28, 1968. Records available: 1962-68.

Mean water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	31.37	....	....	....	31.52	31.64	31.80	31.65	....	31.53	31.49
10	....	31.33	....	....	....	31.50	31.68	31.79	....	....	31.54	31.51
15	....	31.39	....	....	....	31.50	31.76	31.81	....	....	31.64	31.56
20	....	....	31.37	....	....	31.62	31.78	31.78	....	....	31.50	31.60
25	....	31.35	....	....	....	31.58	31.75	31.84	31.68	....	31.47	31.51
Eom	31.44	31.31	31.44	....	31.50	31.67	31.82	31.70	31.65	31.55	31.50	31.42
1965												
5	....	31.53	31.27	31.47	31.58	31.74	....	....	....	....	....	....
10	....	31.47	31.37	31.43	31.59	31.69	....	....	....	....	....	....
15	....	31.40	31.44	31.47	31.65	....	....	....	....	....	....	33.78
20	....	31.39	31.40	31.50	31.68	....	....	....	....	....	....	33.79
25	....	31.23	31.41	31.53	31.72	....	....	....	....	....	....	33.77
Eom	31.40	31.42	31.48	31.52	31.64	....	....	....	....	31.92	31.87	33.82
1966												
5	33.82	33.62	33.29	33.60	33.66	33.73	33.56	....	....	....	31.99	32.01
10	33.84	33.69	33.54	33.68	33.66	33.70	33.33	....	....	....	31.94	31.93
15	33.77	33.64	33.54	33.67	33.59	33.61	....	....	....	....	32.00	....
20	33.81	33.62	33.55	33.73	33.63	34.02	....	....	....	31.86	32.01	32.04
25	33.77	33.44	33.59	33.69	33.80	33.88	....	....	....	31.89	31.94	32.01
Eom	33.59	33.48	33.54	33.74	34.04	33.70	....	....	....	31.92	31.87	....
1967												
5	....	31.76	....	33.57	33.76	33.84	33.86	33.70	....	31.97	32.04	31.98
10	....	....	....	33.56	33.72	33.83	33.82	....	....	31.94	32.10	31.93
15	....	....	....	....	33.69	33.91	33.69	....	31.81	32.05	32.04	31.89
20	....	....	32.27	....	33.77	33.80	33.67	....	31.82	32.05	32.10	32.02
25	....	....	33.54	....	33.75	33.83	33.64	....	31.92	31.98	31.92	31.90
Eom	....	....	33.61	....	33.77	33.85	33.65	....	31.96	32.05	31.98	31.92
1968												
5	31.95	31.96	31.92	31.94	31.89	32.04	32.24	32.23	....	....	....	....
10	31.90	31.85	31.92	31.95	32.04	32.06	32.19	32.27	....	....	....	....
15	31.65	31.90	32.04	31.90	32.04	32.08	31.99	32.31	....	....	....	....
20	31.80	31.87	31.82	31.95	31.99	32.10	31.98	32.36	....	....	....	....
25	31.82	31.97	31.88	31.91	32.11	32.13	32.09	32.40	....	....	....	....
Eom	31.94	31.85	31.94	31.94	31.95	32.22	32.16	....	....	....	....	....

Pitt County

353230N0772235.1. Local number NC-63. Bethel Water-Treatment Plant. Bethel. Drilled unused artesian well in Black Creek Formation of Late Cretaceous age, diam 8 in, depth 208 ft, cased to 155. Lsd 65 ft above msl. MP top of recorder shelf, 2.40 ft above lsd. Highest water level 6.89 below lsd, Jan. 15, 1968; lowest 13.41 below lsd, Oct. 12, 1968. Records available: 1967-68.

353230N0772235.1--Continued.

Mean water level for the day, from recorder graph, 1967											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	10.58	10.87	11.46	12.15	12.06	8.75	9.57	10.80
10	.....	.....	.....	10.67	10.85	11.54	12.17	11.87	8.72	9.84	10.88
15	.....	.....	.....	10.79	10.85	11.65	12.21	10.60	7.92	10.21	10.94
20	.....	.....	.....	10.91	11.08	11.80	11.98	10.36	8.38	10.39	11.15
25	.....	.....	.....	11.03	11.09	11.91	11.94	8.04	9.02	10.22	11.03
Fom	.....	.....	.....	10.53	10.76	11.39	12.01	12.00	8.27	9.41	10.45
1968											
5	8.44	8.63	9.87	8.98	9.79	10.09	11.11	11.42	12.18	12.97	13.27
10	8.14	8.62	9.91	8.72	9.96	10.19	11.12	11.53	12.26	13.02	13.33
15	6.94	9.08	10.20	8.50	10.15	10.62	10.91	11.71	12.44	13.35	13.08
20	7.40	9.21	8.73	8.94	10.26	10.64	10.92	11.78	12.59	13.24	13.04
25	7.76	9.83	8.69	9.23	10.48	10.83	10.95	11.82	12.68	13.16	13.00
Fom	8.32	9.61	8.76	9.38	10.05	10.98	11.25	12.04	12.84	13.26	13.06

Sampson County

350030N0781940.1. Local number NC-24. City of Clinton. Drilled unused artesian well in Tuscaloosa Formation of Late Cretaceous age, diam 6 in, depth 325 ft, multi-screened. Lsd 157.5 ft above msl. MP top of casing, 0.55 ft above lsd. Highest water level 17.83 below lsd, Oct. 13, 1964; lowest 28.36 below lsd, Aug. 23, 1968. Records available: 1963-68. Recording gage installed Jan. 21, 1965. July 30, 1964, 19.22; Oct. 13, 17.83.

Mean water level for the day, from recorder graph, 1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	25.11	23.80	23.42	24.61	24.99	24.38	23.77	24.57	25.79	26.27
10	.....	24.92	23.79	23.79	24.85	25.01	24.46	23.89	25.28	25.42	26.28
15	.....	24.74	23.73	23.51	24.44	24.74	24.36	24.01	25.00	25.98	26.55
20	.....	24.51	23.49	24.04	24.97	24.30	24.02	24.27	25.40	26.10	26.54
25	24.76	24.33	23.36	23.68	24.94	24.61	24.01	24.18	25.35	25.84	26.32
Fom	24.93	24.39	23.39	23.80	24.63	24.36	23.69	24.98	25.17	26.03	26.39
1966											
5	26.61	26.26	.....	.....	.....	23.86	24.40	.....	.....	.....	24.53
10	26.66	26.07	.....	.....	.....	24.15	24.74	.....	.....	23.89	24.66
15	26.56	25.93	.....	.....	.....	24.07	25.24	.....	.....	24.55	24.69
20	26.63	25.74	.....	.....	.....	24.01	24.59	.....	.....	24.32	24.76
25	26.42	25.68	.....	.....	.....	24.59	24.71	.....	.....	24.57	24.86
Fom	26.35	25.66	.....	.....	.....	24.33	24.85	.....	.....	24.42	24.96
1967											
5	24.89	24.28	23.57	24.70	24.20	.....	.....	24.82	24.55	24.25	24.76
10	24.54	24.04	23.60	24.71	24.32	.....	.....	24.80	24.33	24.24	24.97
15	24.33	23.91	23.47	24.27	24.26	.....	24.88	24.57	24.13	24.39	25.00
20	24.31	23.85	23.77	24.17	.....	.....	25.02	24.68	24.16	24.47	25.22
25	24.16	23.88	23.71	24.24	.....	.....	24.98	24.57	24.16	24.48	24.94
Fom	24.32	23.78	24.10	24.16	.....	.....	24.69	24.59	24.16	24.69	25.09
1968											
5	24.99	23.94	24.13	23.87	24.21	25.08	25.81	26.10	26.92	27.34	.....
10	24.85	23.93	24.11	23.77	24.29	24.84	25.68	26.37	26.84	26.73	26.41
15	24.43	24.03	24.15	23.82	24.89	24.96	25.62	26.14	26.78	26.76	26.40
20	24.23	24.18	23.81	23.92	24.82	25.01	25.60	26.63	27.34	26.41	26.45
25	24.11	24.19	23.85	24.00	25.02	25.37	25.70	26.85	27.05	26.41	26.48
Fom	23.77	24.07	23.89	24.10	25.03	25.56	26.06	26.19	26.74	.....	26.46

Transylvania County

351808N0823743.1. Local number NC-127. Formerly I. C. F. Baldwin, Blantyre. Dug unused water-table well in granite of Paleozoic age, 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: 1932-68.

Mean water level for the day, from nonrecording gage, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	36.58	36.15	36.01	32.36	30.55	29.07	29.65	31.20	32.04	31.20	31.32
10	36.49	36.12	35.72	32.04	30.22	28.99	29.91	31.41	32.13	32.05	31.14
15	36.48	36.15	35.67	31.72	29.95	29.00	30.27	31.58	32.16	32.10	31.07
20	36.37	36.11	35.62	31.43	29.67	29.10	30.33	31.72	32.24	31.97	30.87
25	36.23	36.09	35.59	31.13	29.41	29.23	30.65	31.88	32.30	31.80	.....
Fom	36.19	36.08	32.58	30.78	29.17	29.47	31.02	31.83	32.10	31.55	30.76
1965											
5	30.49	29.96	29.19	28.33	27.57	27.82	27.98	28.76	29.80	30.69	31.40
10	30.33	29.80	29.12	28.14	27.54	27.86	28.02	28.92	29.93	30.81	31.43
15	30.26	29.76	28.98	27.96	27.67	27.86	28.10	29.11	30.05	30.99	31.53
20	30.17	29.63	28.83	.....	27.58	28.00	28.25	29.25	30.29	31.08	31.59
25	30.05	29.30	28.61	27.71	27.62	28.01	28.37	29.41	30.37	31.18	31.71
Fom	29.95	29.43	28.49	27.61	27.71	28.01	28.54	29.65	30.50	31.30	31.80

351808N0823743.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	32.49	33.00	32.30	30.93	30.61	30.43	30.49	31.67	32.85	33.31	33.20	32.21
10	32.56	33.05	32.27	30.81	30.59	30.37	30.63	31.92	33.02	33.31	33.16	32.00
15	32.62	32.73	31.98	30.71	30.56	30.37	30.78	32.17	33.05	33.35	32.91	31.86
20	32.75	32.92	31.71	30.66	30.52	30.39	30.95	32.39	33.13	33.24	32.71	31.70
25	32.82	32.82	31.45	30.60	30.47	30.40	31.19	32.55	33.23	33.30	32.52	31.64
Eom	32.91	32.75	31.11	30.50	30.42	30.42	31.44	32.75	33.25	33.28	32.30	31.54
1967												
5	31.46	30.93	30.56	30.24	30.74	31.70	32.30	32.68	32.76	32.06	32.33	32.23
10	31.35	30.86	30.55	30.23	30.85	31.95	32.37	32.73	32.58	32.04	32.37	32.14
15	31.26	30.79	30.44	30.27	31.05	32.09	32.45	32.78	32.49	32.14	32.28	32.21
20	31.26	30.73	30.41	30.30	31.29	32.15	32.65	32.82	32.26	32.18	32.26	32.09
25	31.13	30.67	30.33	30.44	31.48	32.21	32.58	32.64	32.15	32.23	32.22	31.97
Eom	31.04	.....	30.31	30.56	31.71	32.26	32.64	32.77	32.06	32.34	32.23	31.83
1968												
5	31.66	30.34	29.53	29.33	29.20	29.72	30.32	31.41	32.57	33.60	34.20	34.10
10	31.44	30.06	29.46	29.30	29.29	29.78	30.48	31.57	32.71	33.75	34.23	34.08
15	31.17	29.98	29.38	29.20	29.32	29.93	30.66	31.78	32.94	33.91	34.30	33.91
20	31.01	29.73	29.42	29.17	29.37	29.99	30.83	31.98	33.12	33.80	34.26	33.83
25	30.73	29.65	29.45	29.12	29.52	30.06	31.04	32.15	33.27	34.02	34.26	33.70
Eom	30.55	29.53	29.37	29.12	29.61	30.20	31.24	32.35	33.45	34.18	34.22	33.57

Tyrrell County

355545N0761430.1. Local number NC-71. Columbia. Drilled unused artesian well in Yorktown Formation of late Miocene age, diam 2 in, depth 128 ft, cased to 128. Lsd 3 ft above msl. MP top of recorder shelf, 0.70 ft above lsd. Highest water level 1.27 below lsd, Aug. 12, 13, 20-29, 1967; lowest 5.49 below lsd, Oct. 15, 1968. Records available: 1967-68.

Mean water level for the day, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	....	....	....	....	2.77	2.60	2.76	2.81	2.68
10	....	....	....	....	....	....	....	2.71	2.34	2.64	2.94	2.63
15	....	....	....	....	....	....	....	2.45	2.60	2.69	3.01	2.57
20	....	....	....	....	....	....	2.88	2.13	2.51	2.81	3.10	2.49
25	....	....	....	....	....	....	2.87	1.46	2.65	2.84	2.92	2.55
Eom	....	....	....	....	....	....	2.59	2.52	2.59	2.99	2.84	2.47
1968												
5	2.58	2.57	2.58	2.68	2.39	2.61	3.30	3.11	....	....	3.50	3.24
10	2.64	2.47	2.52	2.58	2.57	2.70	3.28	3.28	....	....	3.26	3.35
15	2.44	2.64	2.58	2.58	2.62	2.80	3.10	3.31	....	5.03	3.32	....
20	2.50	2.62	2.48	2.53	2.58	2.81	3.02	3.32	....	3.72	3.28	....
25	2.43	2.73	2.52	2.48	2.76	2.90	3.15	3.47	....	3.71	3.28	....
Eom	2.61	2.59	2.60	2.48	2.46	2.96	3.04	....	....	3.62	3.27	....

Washington County

354834N0762550.1. Local number NC-65. M. V. Cahoon Farm. Near Creswell. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 2 in, depth 249 ft, cased to 249. Lsd 6 ft above msl. MP top of recorder shelf, 0.60 ft above lsd. Highest water level 0.88 below lsd, Mar. 15, 1967; lowest 2.22 below lsd, Oct. 15, 1967. Records available: 1967-68.

Mean water level for the day, from recorder graph, 1967

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	....	....	1.16	1.31	1.31	1.40	1.21	1.32	1.47	1.46	1.54
10	....	....	1.13	1.08	1.18	1.27	1.27	1.15	1.20	1.47	1.57	1.45
15	....	....	.93	1.11	1.14	1.34	1.17	1.16	1.28	1.53	1.43	1.44
20	....	....	1.25	1.19	1.27	1.30	1.20	1.16	1.29	1.49	1.55	1.51
25	....	....	1.14	1.27	1.23	1.32	1.16	1.24	1.34	1.39	1.32	1.46
Eom	....	....	1.26	1.22	1.24	1.34	1.17	1.21	1.35	1.52	1.48	1.47
1968												
5	1.53	1.51	1.41	1.49	1.37	1.53	1.78	1.77	1.96	....	1.93	....
10	1.49	1.26	1.39	1.49	1.60	1.50	1.72	1.73	1.84	....	1.84	....
15	1.15	....	1.71	1.36	1.51	1.62	1.64	1.83	....	2.20	2.04	....
20	1.44	....	1.45	1.45	1.43	1.57	1.58	1.84	....	1.88	1.97	....
25	1.28	1.43	1.51	1.39	1.62	1.58	1.68	1.83	1.85	1.94
Eom	1.49	1.29	1.50	1.36	1.43	1.74	1.75	1.94	2.11	2.11

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SOUTH CAROLINA

The observation-well program in South Carolina was continued during the period 1964 through 1968 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 numbered according to their latitude-longitude location, as explained elsewhere in this publication. Local well numbers are also given; 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 89.85 below lsd, Mar. 15, 1968; lowest 99.43 below lsd, Mar. 4, 1958. Records available: 1952-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	91.90	91.51	92.28	92.71	.....	91.72	91.74	91.52	91.46
10	.....	.....	.....	91.44	90.94	92.27	.....	.....	91.80	91.67	91.67	91.66
15	.....	.....	.....	90.78	91.27	92.14	.....	92.28	91.87	91.54	91.68	91.64
20	.....	.....	.....	91.89	91.79	92.26	.....	92.31	91.87	.....	91.47	91.58
25	.....	.....	.....	92.17	92.05	.....	.....	92.37	91.97	91.39	91.50	91.25
Eom	.....	.....	91.89	92.08	92.18	92.33	.....	.....	91.96	91.49	91.64	.....
1965												
5	.....	.....	90.87	90.38	90.47	90.72	90.60	90.57	90.74	90.86	91.06	91.00
10	91.20	91.52	91.09	90.20	.....	90.66	90.60	90.52	.....	90.69	91.16	91.10
15	91.29	91.48	91.09	90.43	90.55	90.43	90.54	90.54	90.65	90.90	91.00	90.95
20	.....	91.17	90.96	.....	.....	90.34	90.64	90.58	90.84	90.93	90.90	91.02
25	91.15	91.08	90.67	90.52	90.67	.....	90.62	90.63	90.72	91.03	91.01	91.11
Eom	91.37	91.19	90.42	90.50	90.68	90.57	90.57	90.77	91.80	91.07	.....	.....
1966												
5	91.27	91.18	90.33	90.41	90.98	90.83	90.80	90.97	90.97	91.28	91.53	91.69
10	.....	91.18	90.36	.....	90.82	90.59	91.06	91.09	91.22	91.29	91.36	91.44
15	90.98	91.16	89.92	.....	90.74	90.73	91.86	91.10	91.05	91.43	.....	.....
20	91.13	90.98	.....	90.87	.....	.....	91.15	91.16	91.00	.....	91.48	91.35
25	91.09	90.76	.....	90.83	90.83	90.88	91.63	91.17	91.23	.....	91.46	91.44
Eom	91.25	.....	.....	90.89	90.80	90.86	91.03	91.18	91.16	91.33	91.46	91.90
1967												
5	91.63	91.59	91.61	91.61	91.85	91.75	.....	91.76	91.54	.....	.....	.....
10	91.87	.....	91.89	.....	91.98	91.35	91.81	91.78	91.51	.....	91.81	.....
15	91.48	91.72	91.51	91.73	91.78	91.80	91.65	91.87	.....	.....	.....	91.63
20	92.04	.....	.....	.....	92.03	91.64	91.88	91.79	91.68	91.78	.....	.....
25	91.77	.....	91.48	.....	91.78	91.59	91.82	.....	.....	.....	.....	.....
Eom	91.73	.....	.....	91.87	91.72	.....	.....	91.41	91.63	.....	.....	91.55
1968												
5	91.27	91.18	90.33	90.41	90.98	90.83	90.80	90.97	90.97	91.28	91.53	91.69
10	.....	91.18	90.36	.....	90.82	90.59	91.06	91.09	91.22	91.29	91.36	91.44
15	90.98	91.16	89.92	.....	90.74	90.73	91.86	91.10	91.05	91.43	.....	.....
20	91.13	90.98	.....	90.87	.....	.....	91.15	91.16	91.00	.....	91.48	91.35
25	91.09	90.76	.....	90.83	90.83	90.88	91.63	91.17	91.23	.....	91.46	91.44
Eom	91.25	90.71	.....	90.89	90.80	90.86	91.03	91.18	91.16	91.33	91.46	91.90

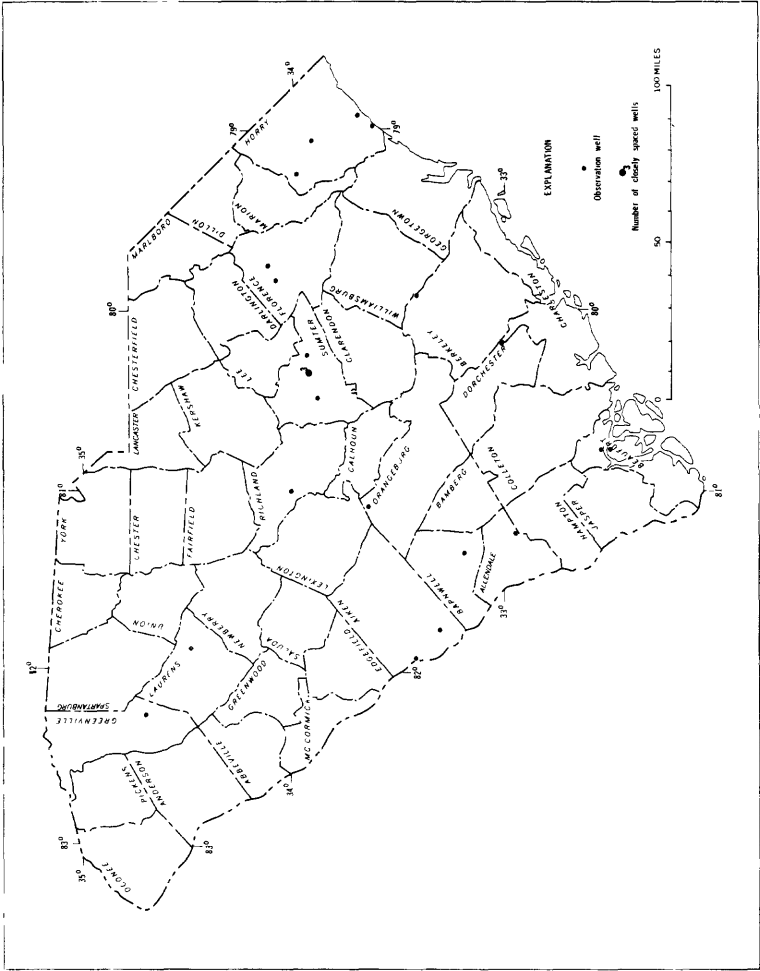


Figure 9.--Location of observation wells in South Carolina, 1964-68.

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 144.82 below lsd, Feb. 23, 1966; lowest 159.22 below lsd, May 29, 1957. Records available: 1955-68.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	.....	.....	.....	150.49	150.68	150.52	149.46	150.22	148.88	148.62
10	.....	.....	.....	.....	150.33	150.56	150.52	149.79	149.69	149.23	148.41
15	.....	.....	.....	.....	150.88	150.85	150.27	150.50	149.60	149.54	148.05
20	.....	.....	.....	.....	150.48	150.62	150.71	150.15	149.49	149.45	148.87
25	.....	.....	.....	.....	150.74	150.22	150.82	149.14	149.66	149.55	148.98
Eom	.....	.....	.....	.....	150.59	150.49	150.71	149.24	149.74	149.31	148.74
1965											
5	147.40	147.32	146.54	146.29	.....	.....	.....	145.45	145.49	145.24	145.20
10	147.36	147.09	146.55	146.18	.....	.....	.....	145.40	145.33	145.22	145.31
15	147.56	146.91	146.35	146.29	.....	.....	145.72	145.56	145.41	145.10	145.23
20	147.56	146.79	146.49	.....	.....	.....	145.50	145.34	145.48	145.26	145.20
25	147.01	146.60	146.34	.....	.....	.....	145.58	145.34	145.36	145.11	145.36
Eom	146.87	146.67	146.35	.....	.....	.....	145.49	145.47	145.28	145.22	.....
1966											
5	.....	.....	145.36	.....	145.28	145.60	145.55	146.02	146.28	145.07	145.17
10	.....	.....	145.69	.....	144.98	145.58	145.79	145.95	146.20	145.11	145.12
15	.....	.....	145.15	.....	145.38	145.28	145.94	146.12	145.11	145.16	146.23
20	.....	144.88	145.14	.....	145.10	145.68	146.01	146.42	145.18	145.18	146.08
25	.....	144.96	145.28	.....	145.10	145.86	146.12	146.43	145.17	145.13	145.87
Eom	.....	.....	.....	.....	145.14	145.96	146.92	146.26	145.09	145.07	.....
1967											
5	.....	146.29	146.34	146.91	146.93	.....	.....	147.57	.....	.....	.....
10	.....	146.44	.....	146.79	146.87	.....	.....	147.61	.....	.....	.....
15	.....	146.47	147.05	146.96	146.80	.....	.....	147.58	.....	.....	.....
20	.....	146.30	147.15	147.00	147.03	.....	.....	147.44	.....	.....	.....
25	.....	146.47	146.98	146.93	.....	.....	147.05	.....	.....	.....	.....
Eom	.....	146.30	147.18	146.92	.....	.....	147.25	.....	.....	.....	.....
1968											
5	.....	.....	h150.14	149.89	149.88	150.14	150.27	150.71	149.74	150.80	150.52
10	.....	.....	150.22	149.82	150.10	149.84	150.22	150.90	149.77	150.70	150.67
15	h149.73	150.05	h150.52	149.88	150.12	150.01	150.26	150.92	149.88	150.66	151.13
20	.....	150.31	150.07	150.07	150.04	149.94	150.30	150.84	149.80	150.55	151.10
25	.....	.....	149.99	150.00	150.20	149.91	150.54	.....	149.60	150.54	150.92
Eom	.....	.....	149.97	149.92	150.09	150.28	150.69	149.88	150.49	150.90	150.71

h Tape measurement.

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 22.4 above lsd, Dec. 30, 1965. Records available: 1946-61, 1963-68. No measurement made in 1966, 1967 or 1968. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1964	+28.2	June 27, 1964	+27.6	Oct. 24, 1964	+27.1	May 28, 1965	+27.6
Mar. 19	27.9	July 25	27.6	Dec. 30	27.6	July 2	26.5
Apr. 24	27.1	Aug. 17	27.6	Jan. 29, 1965	28.5	Aug. 20	26.8
May 29	27.1	Sept. 26	27.1	May 8	26.2	Dec. 30	22.4

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 22.93 below lsd, May 27, 1960; lowest 58.79 below lsd, Jan. 20, 1953. Records available: 1948-68. Affected by pumping.

Jan. 24, 1964	33.94	May 8, 1965	23.40	June 3, 1966	27.60	Oct. 4, 1967	32.87
Feb. 22	32.75	28	25.12	27	26.86	Nov. 9	33.04
Mar. 19	30.68	July 2	26.55	Aug. 6	26.88	Dec. 13	33.49
Apr. 25	28.79	Aug. 20	28.01	Sept. 10	27.14	28	33.57
May 29	38.76	Sept. 24	28.96	Oct. 29	29.23	Mar. 1, 1968	33.47
June 27	30.21	Nov. 5	29.46	Nov. 30	29.30	Apr. 5	33.54
July 25	28.73	Dec. 4	29.70	Dec. 30	29.33	June 6	38.36
Aug. 17	28.41	30	30.29	Jan. 27, 1967	29.72	Aug. 8	38.15
Sept. 26	29.44	Jan. 29, 1966	29.23	Mar. 2	31.24	Sept. 11	36.79
Oct. 24	26.20	Mar. 6	28.72	July 12	30.79	Nov. 14	38.93
Dec. 30	25.71	Apr. 2	29.36	Aug. 2	31.28	Dec. 13	38.42
Jan. 29, 1965	25.95	30	28.10				

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 6.51 below lsd, Aug. 10, 1965; lowest 21.44 below lsd, Aug. 22, 1956. Records available: 1955-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	12.21	15.48	9.75	10.30	.....	.....	16.93	13.70	.....	.....	.....	9.99
10	11.84	15.33	14.39	14.17	15.64	17.20	16.57	14.28	.....	.....	.....	14.59
15	14.06	15.37	14.52	14.53	16.03	17.40	16.13	14.53	.....	.....	.....	15.08
20	14.92	13.43	15.10	15.20	17.09	17.35	14.52	10.96	.....	.....	15.23	15.79
25	15.08	14.74	.....	15.19	17.08	17.52	13.78	10.23	.....	.....	14.98	14.85
Eom	15.43	18.19	.....	15.73	12.12	17.43	12.18	.....	.....	.....	10.36	15.08

1965

5	14.30	9.94	7.81	7.06	8.22	8.87	7.67	7.31	7.75	8.26	8.40	8.04
10	15.47	.....	.....	7.21	8.67	8.70	7.60	6.58	8.06	7.82	8.34	8.30
15	15.94	.....	.....	7.38	8.82	7.67	7.69	6.81	8.36	8.34	7.83	8.32
20	11.22	.....	.....	7.82	8.97	7.43	6.95	7.16	8.30	8.02	7.90	7.97
25	9.87	.....	.....	7.74	9.40	8.00	7.17	7.39	8.12	8.01	7.84	7.96
Eom	.....	.....	.....	7.90	8.66	7.92	7.14	7.68	8.11	8.03	8.03	8.22

1966

5	8.29	7.99	6.81	8.78	....	7.24	7.17	7.45	8.22	....	9.84	....
10	8.36	7.93	7.14	7.67	....	7.22	7.43	7.05	8.42	....	9.77	9.88
15	8.10	....	7.10	7.86	....	7.30	7.60	7.25	8.50	9.30	9.73	10.02
20	7.88	7.34	7.14	8.34	....	7.15	7.52	7.58	8.55	9.38	9.78	9.88
25	7.73	7.67	7.49	8.74	....	7.50	7.96	7.78	8.80	9.47	9.84	9.88
Eom	7.71	....	7.56	8.65	....	7.60	7.79	8.04	8.95	9.56	11.12	9.87

1967

5	10.14	8.45	8.44	....	9.76	8.75	9.54	8.37	7.99	8.81	9.49	11.03
10	8.70	8.25	8.45	9.26	9.88	8.82	8.68	8.47	8.00	8.80	9.54	9.71
15	8.35	8.03	8.30	9.35	9.87	8.85	8.05	7.75	8.24	8.96	9.63	9.70
20	8.29	8.03	8.51	9.60	9.83	8.99	7.78	7.89	8.50	9.17	9.70	10.80
25	8.32	8.20	8.55	9.38	9.05	9.23	8.00	8.24	8.75	....	9.75	9.60
Eom	9.82	8.17	8.74	9.43	9.05	9.30	8.21	8.30	8.62	9.40	9.75	9.44

1968

5	....	....	....	10.60	10.50	10.54	9.11	9.20	9.29	10.05	9.02	8.34
10	....	....	....	10.60	10.83	9.27	9.11	9.40	9.15	10.15	8.76	....
15	....	....	....	10.69	10.95	8.85	8.70	9.60	9.18	10.25	8.57	8.30
20	....	....	....	11.62	10.97	9.07	8.90	9.78	9.50	9.05	8.57	8.44
25	....	....	....	....	10.94	.....	9.17	9.88	9.60	9.80	8.57	8.50
Eom	....	....	....	11.22	10.56	9.28	9.40	9.71	9.85	8.87	8.79	8.46

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 13.01 below MP, Dec. 5, 1967. Records available: 1957-68.

Lowest water level for the day, below MP, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	10.68	10.03	9.79	10.49	9.33	10.62	10.64	9.80	9.54	9.55	.....	10.09
10	10.46	10.36	10.09	10.39	9.88	10.47	10.36	9.84	9.15	9.33	10.14	10.16
15	10.09	10.15	9.94	10.12	10.25	10.81	10.24	10.07	9.30	9.59	10.48	10.11
20	9.82	10.07	9.98	10.37	10.50	10.78	9.65	10.00	9.50	9.38	.....	10.06
25	9.78	9.93	....	10.45	10.65	11.02	9.64	10.16	9.58	9.59	10.12	10.05
Eom	9.96	9.76	....	10.31	10.48	10.67	9.68	9.30	10.04	9.82	10.37	10.35

1965

5	10.40	10.70	9.58	9.44	10.49	10.77	10.78	10.20	10.50	10.60	10.51	.....
10	10.57	.....	....	9.82	10.55	11.02	11.06	10.37	10.51	10.84	10.41	10.71
15	10.50	.....	....	9.75	10.54	10.73	10.94	10.39	10.64	10.72	10.10	10.62
20	10.40	.....	....	10.18	10.92	10.40	10.08	10.54	10.82	10.09	10.30	10.25
25	10.85	.....	....	10.35	10.98	10.83	9.95	10.58	10.56	10.28	10.25	10.67
Eom	10.82	.....	....	10.12	10.78	10.66	9.82	10.50	10.43	10.40	10.78	10.57

1966

5	10.60	10.17	9.42	10.25	10.46	9.92	10.00	10.45	10.56	.....	11.61	.....
10	10.20	9.95	9.60	10.41	10.71	9.83	10.55	10.07	.....	10.94	11.30	11.27
15	9.97	....	9.80	10.55	10.67	9.83	10.63	10.02	10.47	10.80	11.17	11.51
20	10.06	9.78	9.91	10.55	10.47	9.74	.....	10.15	10.51	11.32	11.42	11.35
25	9.89	9.85	10.20	10.88	9.31	9.92	10.26	10.42	11.07	11.24	11.10	11.63
Eom	10.13	....	10.30	10.77	9.42	10.15	10.60	10.27	11.10	11.07	11.78	11.67

1967

5	10.79	10.43	10.67	.....	10.75	10.55	11.40	10.42	9.95	10.45	11.05	13.01
10	10.49	9.98	10.76	10.30	11.10	10.64	10.75	12.35	10.11	10.48	11.32	11.15
15	10.22	10.10	10.69	10.72	10.98	10.47	10.64	9.73	10.14	10.65	11.10	11.38
20	10.11	10.30	10.63	10.72	11.09	10.72	10.20	10.00	10.40	10.95	11.35	11.35
25	10.42	10.60	10.50	10.70	10.48	11.10	10.30	10.45	10.70	10.95	11.37	11.17
Eom	10.47	10.51	10.45	10.69	10.75	10.90	10.67	10.65	10.80	10.91	11.14	11.00

330105N0801035.1--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	23.83	.....	.....	h23.86	.....	.....	24.17	.....	.....	.....	.....	24.33
10	23.79	.....	.....	h23.79	.....	23.88	24.08	24.40	h24.45	h24.49	.....	24.45
15	23.71	.....	.....	23.78	.....	23.81	24.02	24.34	.....	.....	.....	24.44
20	23.78	.....	.....	23.78	.....	23.87	24.07	.....	.....	.....	.....	24.48
25	23.73	.....	.....	23.79	.....	23.97	24.19	.....	.....	.....	24.40	24.53
Eom	.....	.....	.....	23.74	.....	24.11	24.26	.....	.....	.....	24.46	24.55

h Tape measurement.

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 above lsd. Highest water level 32.11 below lsd, Sept. 1, 1956; lowest 52.08 below lsd, Dec. 20, 1957. Records available: 1956-68. Affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	39.34	July 28, 1965	34.87	Sept. 30, 1966	32.88	Nov. 7, 1967	37.31
Feb. 21	37.41	Sept. 25	34.66	Oct. 28	35.08	Dec. 12	37.44
Mar. 18	37.36	Nov. 5	35.30	Nov. 30	35.25	28	37.35
Apr. 24	35.97	Dec. 3	35.56	Dec. 30	36.68	Jan. 29, 1968	39.19
May 28	37.48	30	38.31	Jan. 27, 1967	36.76	Feb. 29	38.91
June 26	45.94	Jan. 29, 1966	38.21	Mar. 1	36.50	Mar. 4	38.78
July 24	36.99	Mar. 5	37.03	27	36.21	June 5	37.75
Aug. 27	36.07	Apr. 2	35.31	May 3	36.98	Aug. 7	36.67
Sept. 25	40.63	30	35.44	June 1	37.00	Sept. 10	36.99
Oct. 23	40.67	June 4	38.59	July 11	37.63	Oct. 10	37.45
Dec. 8	40.94	28	35.00	Aug. 1	33.14	Nov. 14	39.45
Mar. 26, 1965	40.13	Aug. 5	35.45	31	36.68	Dec. 12	37.41
May 28	40.14	Sept. 10	35.16	Oct. 3	38.76		

341155N0794620.1. Local number FLO-3. City of Florence. Drilled unused artesian well in sand 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 117.40 below lsd, Apr. 28, 1964; lowest 170.40 below lsd, June 21, 1964. Records available: 1960-64. Recorder damaged by vandals, and removed from well on June 26, 1964; well capped by owner in August. Measurement discontinued. Affected by pumping. Additional 1963 measurements inadvertently omitted in WSP-1803.

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

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	139.50	128.40	119.95	122.00	.....	151.20	147.20	147.40
10	143.65	142.20	121.80	146.60	h149.04	150.25	146.00	142.50
15	139.70	126.50	141.70	119.60	.....	151.90	150.10	146.40
20	142.75	142.30	142.00	143.40	.....	152.65	149.30	141.40
25	142.50	144.65	123.20	144.85	.....	152.60	148.75	145.70
Eom	119.90	145.00	.....	139.40	140.80	120.40	144.00	.....	151.55	148.00	147.05	129.00

1964											
5	121.00	.....	.....	.....	140.30	167.95	.....	.....	.....	.....	.....
10	140.28	.....	.....	.....	126.90	168.27	.....	.....	.....	.....	.....
15	146.73	.....	.....	.....	141.67	169.50	.....	.....	.....	.....	.....
20	143.10	.....	144.25	.....	143.70	170.38	.....	.....	.....	.....	.....
25	.....	.....	.....	141.80	145.23	.....	.....	.....	.....	.....	.....
Eom	.....	.....	.....	141.18	162.40	.....	.....	.....	.....	.....	.....

h Tape measurement.

Greenville County

344210N0821210.1. Local number GRV-1. Town of Fountain Inn. Drilled unused water-table well in granite or gneiss, diam 6 in, depth 60 ft. Lsd about 800 ft above msl. MP top of casing, at lsd. Highest water level 4.18 below lsd, Apr. 8, 1964; lowest 6.94 below lsd, Nov. 20, 1963. Records available: 1962-68.

Lowest water level for the day, from recorder graph, 1964

Lowest water level on the day, from 1964 to 1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	....	6.13	5.41	5.20	....	....	5.17	5.38	5.20	5.80	....	5.52
10	....	6.10	5.60	4.74	....	....	5.17	....	5.44	4.82	....	....
15	....	6.05	5.07	4.81	....	4.91	....	....	5.59	5.20	....	5.61
20	....	5.62	5.23	4.87	....	5.04	....	5.55	5.74	....	5.64	5.67
25	....	5.77	....	....	....	5.12	5.16	5.67	5.75	....	5.33	5.53
Eom	6.09	5.89	....	....	....	5.10	5.35	5.72	5.85	....	5.40	5.37
1965												
5	5.50	5.42	4.83	4.60	4.65	5.00	5.13	5.50	5.77	....	....	6.33
10	5.49	5.08	5.10	4.55	4.73	5.02	5.18	5.55	....	....	6.34	....
15	5.55	5.22	5.08	....	4.86	4.63	5.17	5.48	5.89	6.09	6.24	6.44
20	5.56	5.20	4.87	4.68	....	4.81	5.34	5.63	5.99	6.18	6.37	6.44
25	5.43	5.01	4.53	4.72	4.86	....	5.30	5.58	6.00	6.30	6.13	6.44
Eom	5.37	5.06	4.63	....	5.01	5.11	5.40	5.74	....	6.29	6.36	6.49

344210N0821210.1--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	6.57	6.20	5.40	5.86	5.87	6.13	6.18	6.18	6.05	....	5.77	6.14
10	6.47	6.18	5.73	5.96	6.03	6.14	6.31	5.83	6.10	4.93	....	6.02
15	....	5.80	5.78	5.92	5.98	6.22	....	5.92	5.94	6.05	5.80	....
20	....	5.79	5.85	5.94	6.02	6.23	6.36	6.07	5.48	....	5.92	....
25	....	5.76	5.92	5.87	6.01	6.31	6.44	6.18	5.77	5.91	5.82	....
Eom	6.34	5.82	5.84	....	....	6.06	6.51	5.90	....	5.81	....	5.62
1967												
5	....	5.71	5.57	5.61	....	....	5.92	6.03	6.07	6.23	6.26	6.12
10	....	5.61	....	5.61	5.68	5.66	5.82	6.06	6.00	6.30	6.41	6.26
15	5.58	5.64	5.47	5.63	....	5.83	5.65	6.16	6.11	6.41	6.60	5.88
20	5.68	5.39	5.52	....	....	5.87	5.83	6.20	6.14	6.40	....	6.09
25	5.78	5.52	5.56	5.75	....	....	5.90	5.60	6.23	....	....	6.05
Eom	5.70	5.48	5.58	5.68	....	5.80	5.95	5.94	6.27	6.39	....	....
1968												
5	5.92	5.67	5.77	5.80	6.09	6.11	5.93	5.97	6.25	6.43	6.54	6.64
10	....	5.64	5.78	5.86	6.08	5.53	5.90	6.01	6.20	6.40	6.56	6.47
15	5.60	5.71	5.59	5.82	5.84	....	5.65	6.10	h6.23	6.47	6.50	....
20	5.56	5.66	....	5.86	5.92	....	5.77	6.12	6.33	6.42	6.76	6.63
25	5.55	5.80	5.76	5.89	6.04	5.82	5.85	6.18	6.27	6.48	6.67	6.56
Eom	5.73	5.70	5.77	5.90	6.05	5.93	5.91	6.25	6.34	6.57	6.44	....

h Tape measurement.

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. Original MP was end of 1½-in elbow, 3.50 ft above lsd; MP changed May 1965 to top of reducer, 2.30 ft above lsd; MP changed Sept. 1966 to top of pipe at U.S. Geol. Survey connection, 2.30 ft above lsd; MP changed in Sept. 1966 to top of 2-in pipe, 1.90 ft above lsd. Highest water level 10.7 above lsd, Feb. 8, 1947; lowest 2.18 below lsd, Nov. 14, 1968. Records available: 1947-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	+4.7	Dec. 30, 1964	+3.8	Sept. 30, 1966	-1.20	Oct. 3, 1967	+0.11
Feb. 21	4.7	Jan. 30, 1965	4.2	Nov. 30	+8.2	Dec. 12	.50
Mar. 18	4.6	Feb. 26	4.3	Dec. 30	1.03	28	.47
Apr. 24	4.6	May 7	4.4	Mar. 1, 1967	1.27	Feb. 29, 1968	.23
May 28	4.2	28	4.5	27	1.20	June 5	2.02
June 26	4.4	July 2	4.5	May 3	.87	Aug. 7	1.82
July 24	4.5	28	4.4	June 1	.98	Sept. 10	2.09
Aug. 27	4.3	Aug. 20	4.4	July 11	.48	Oct. 10	1.95
Sept. 25	4.3	Sept. 24	2.8	Aug. 1	.79	Nov. 14	2.18
Oct. 23	4.4	Apr. 30, 1966	2.3	31	.63	Dec. 12	2.13
Dec. 4	3.9	June 3	+2.3				

334040N0785410.1. Local number HO-3. Town of Myrtle Beach. Drilled unused artesian 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, 1.97 ft above lsd. Highest water level 7.02 below lsd, Aug. 31, 1967; lowest 17.79 below lsd, Aug. 26, 1952. Records available: 1945-68.

Jan. 23, 1964	c12.98	Mar. 26, 1965	c9.57	June 3, 1966	c11.93	Aug. 1, 1967	7.36
Feb. 21	c11.47	May 7	c11.04	28	c12.73	31	7.02
Mar. 18	10.92	28	c11.96	Aug. 5	c11.97	Oct. 3	10.84
Apr. 24	c11.96	July 2	c12.90	Sept. 10	12.81	Nov. 8	12.70
May 28	c11.28	28	c13.13	30	13.45	Dec. 12	13.40
June 26	c12.99	Aug. 20	c13.38	Oct. 28	13.61	28	12.89
July 24	c11.18	Sept. 24	14.03	Nov. 30	c14.81	Jan. 29, 1968	12.80
Aug. 27	12.41	Nov. 5	c14.93	Dec. 29	14.99	Feb. 29	12.45
Sept. 25	7.19	Dec. 3	c11.68	Jan. 27, 1967	12.61	Apr. 4	13.06
Oct. 23	11.55	30	c15.43	Mar. 2	12.87	June 5	13.15
Dec. 4	c11.78	Jan. 29, 1966	c16.27	27	13.17	Sept. 10	12.18
30	c11.54	Mar. 5	c16.02	May 3	c14.15	Oct. 10	13.73
Jan. 30, 1965	c12.23	Apr. 2	c12.20	June 1	c14.53	Nov. 14	13.54
Feb. 26	10.60	30	c12.85	July 11	8.45	Dec. 12	13.62

c Nearby well 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, 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 52.40 below lsd, Aug. 15, 1968. Records available: 1956-68. Affected by distant pumping.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	40.90	39.55	....	39.30	40.42	....	44.71	....	....	....	....	....
10	40.74	....	39.72	....	....	....	....	....	....	....	....	....
15	....	....	39.76	....	....	....	....	....	....	....	....	....
20	....	....	39.96	....	....	....	....	....	....	....	....	....
25	40.53	39.70	39.60	39.63	....	....	46.69	....	h41.90	40.23	....	....
Eom	39.74	39.44	39.56	40.10	....	44.71	45.12	....	....	40.16	....	34.48

334035N0785430, 1--Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	35.94	36.35	33.53	36.64	.....	42.93	43.11	44.67	43.52	42.39	.....
10	36.38	36.15	33.79	36.66	40.76	44.40	42.38	43.63	43.15	41.33	35.72
15	35.33	36.01	33.73	.....	40.80	40.19	41.31	43.80	44.03	39.36	35.19
20	34.66	33.12	33.40	.....	40.78	39.34	41.18	43.98	.....	38.02	35.15
25	34.55	36.28	33.40	.....	43.60	40.29	41.66	43.41	42.63	37.50	36.27
Eom	35.99	34.03	36.96	.....	40.26	.....	43.55	43.69	41.72	.....	36.82
1966											
5	36.45	41.67	37.65	39.35	43.61	46.75	43.82	.....	.....	46.65	40.56
10	37.10	41.56	38.13	41.25	43.65	47.42	44.27	.....	.....	46.45	40.87
15	37.25	41.30	37.80	.....	46.65	43.14	43.92	.....	44.86	46.20	39.73
20	37.35	41.73	35.57	.....	45.77	43.49	44.43	.....	43.92	45.66	41.74
25	38.80	42.30	.....	.....	45.30	43.86	44.00	.....	43.94	44.85	.....
Eom	40.66	42.98	.....	.....	45.40	44.07	43.82	.....	43.16	.....	41.12
1967											
5	43.49	43.47	36.71	.....	27.46	33.50	.....	26.95	27.10	24.60	.....
10	42.55	43.37	.....	.....	32.26	34.20	.....	27.10	26.88	24.70	.....
15	43.51	43.32	.....	.....	33.48	33.00	38.80	27.12	26.77	26.05	31.39
20	43.48	45.12	.....	.....	33.64	.....	37.00	28.00	26.81	29.35	32.12
25	43.76	44.51	.....	.....	34.50	.....	35.45	28.27	27.09	29.24	33.62
Eom	43.23	44.35	.....	.....	34.70	34.00	35.70	27.90	.....	29.79	.....
1968											
5	32.54	37.45	37.21	37.20	37.15	.....	48.20	.....	.....	43.69	40.80
10	32.61	37.68	37.24	37.20	38.05	43.35	.....	51.10	h42.73	h42.68	40.80
15	32.42	37.89	37.44	39.65	38.10	43.90	.....	52.40	40.52	42.29	38.89
20	35.74	37.70	37.33	36.50	.....	44.20	.....	.....	42.89	41.69	39.00
25	36.38	38.22	36.90	37.15	.....	44.68	.....	.....	43.80	41.24	39.21
Eom	36.64	37.60	37.12	36.50	.....	45.70	.....	.....	43.74	40.99	39.37

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1965	34.88	Nov. 5, 1965	38.34	Sept. 30, 1966	43.28	June 1, 1967	34.10
Feb. 26	36.35	Dec. 3	35.88	Oct. 28	44.57	July 11	33.87
Mar. 26	32.92	29	37.15	Nov. 30	42.10	Jan. 29, 1968	36.28
May 7	36.15	Mar. 5, 1966	37.60	Dec. 29	43.17	Apr. 4	36.91
28	44.21	Apr. 2	40.31	Jan. 27, 1967	43.61	Aug. 7	49.96
July 2	40.68	30	44.98	Mar. 2	43.70	Sept. 10	42.73
28	41.18	June 28	43.65	27	29.53	Oct. 10	42.68
Aug. 20	42.40	Aug. 5	44.35	May 3	33.65	Nov. 14	39.78
Sept. 24	43.03	Sept. 10	42.72				

335955N0791220, 1. Local number HO-5. Daten 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 33.16 below lsd, Apr. 24, 1964; lowest 37.77 below lsd, Dec. 30, 1966. Records available: 1960-68.

Jan. 23, 1964	35.61	Mar. 26, 1965	33.54	June 28, 1966	34.60	Oct. 3, 1967	35.79
Feb. 21	34.83	May 7	33.62	Aug. 5	35.36	Dec. 12	36.13
Mar. 18	34.35	28	33.66	Nov. 30	35.15	28	35.83
Apr. 24	33.16	July 2	33.88	Dec. 30	37.77	Jan. 29, 1968	35.37
May 28	34.46	28	33.90	Jan. 27, 1967	34.09	Feb. 29	34.42
June 26	34.76	Aug. 20	34.02	Mar. 1	36.10	Apr. 4	34.19
July 24	34.58	Sept. 24	34.23	27	35.57	June 5	35.15
Aug. 27	34.55	Nov. 5	35.50	May 3	35.74	Aug. 7	35.50
Sept. 25	34.56	Jan. 29, 1966	35.30	June 1	36.22	Sept. 10	35.37
Oct. 23	33.91	Mar. 5	34.39	July 11	36.57	Oct. 10	36.02
Dec. 30	33.97	Apr. 30	33.97	Aug. 1	36.37	Nov. 14	35.69
Jan. 30, 1965	33.52	June 4	34.76	31	35.72	Dec. 12	35.19
Feb. 26	33.75						

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 8-in casing, 1.25 ft above lsd; 0.95 ft above lsd (since Nov. 24, 1967). Highest water level 1.85 below lsd, Apr. 2, 1964; lowest 7.55 below lsd, Nov. 18, 1963. Records available: 1962-68. No measurement made in 1965 or 1966.

Jan. 21, 1964	3.97	July 20, 1964	3.91	Nov. 19, 1964	3.62	June 25, 1968	2.44
Apr. 2	1.85	Aug. 18	3.43	Nov. 24, 1967	5.38	Sept. 4	4.55
June 10	3.73	Sept. 17	3.50	May 9, 1968	3.52	Dec. 5	3.95

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 30.47 below lsd, May 8, 1965; lowest 51.97 below lsd, Nov. 9, 1963. Records available: 1946-68. Affected by pumping.

333655N0310605.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1964	37.35	May 8, 1965	30.47	June 27, 1966	34.70	Nov. 9, 1937	37.23
Feb. 22	36.43	July 2	31.63	Aug. 6	35.10	Dec. 13	37.55
Mar. 19	36.13	Aug. 20	32.11	Sept. 10	34.30	29	39.94
Apr. 25	34.38	Sept. 24	32.10	Oct. 29	35.84	Mar. 1, 1938	39.69
May 29	33.66	Nov. 5	32.80	Nov. 30	35.37	Apr. 5	39.87
June 27	33.22	Dec. 4	33.30	Dec. 30	35.23	June 6	39.20
July 25	33.43	30	33.99	Jan. 27, 1967	35.35	Aug. 8	39.12
Aug. 17	32.57	Jan. 29, 1966	33.71	Mar. 2	37.17	Sept. 11	38.95
Sept. 26	32.60	Mar. 6	33.25	July 12	37.45	Oct. 11	39.15
Oct. 24	30.54	Apr. 2	34.05	Aug. 2	37.39	Nov. 14	40.89
Dec. 30	30.95	30	34.20	Oct. 4	36.71	Dec. 13	40.95
Jan. 29, 1965	31.37	June 3	34.55				

Richland County

340335N0805835.1. Local number RIC-1. Shakespeare Mfg. Co. Near Columbia. Drilled unused water-table well in sands of Late Cretaceous age, diam 6 in, depth 245 ft, cased to 233, screened 98-105. Lsd about 390 ft above msl. MP top of casing, 0.55 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, 1957-68. Recording gage installed June 8, 1966

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	80.37	79.82	.....	76.94	.....	75.69	75.45	.....	.....	72.24	.....
10	80.36	79.63	78.33	76.64	75.85	75.76	75.38	75.12	74.52	71.81	.....
15	79.28	79.51	78.01	76.52	.....	75.89	75.40	.....	74.12	.....	70.80
20	79.24	.....	77.74	76.25	75.79	75.69	75.34	.....	.....	71.26	.....
25	79.17	77.41	76.08	75.85	.....	.....	75.08	73.42	.....	.....
Eom	80.55	.....	78.89	77.10	75.99	75.84	.....	.....	.....	72.64	71.03	.....

1965

5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	72.59	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	71.19	.....	.....	.....	72.41	.....	.....	72.57	72.69	72.94	.....	.....
25	.....	.....	72.44	72.51	.....	.....	72.46	.....	.....	73.14	.....	.....
Eom	.....	.....	.....	72.52	72.42	.....	.....	.....	.....	73.09	.....	.....

1966

5	.....	.....	.....	.....	.....	.....	76.53	76.62	76.95	77.85	73.46	.....
10	.....	.....	.....	.....	76.35	76.30	.....	77.26	77.77	78.53	78.99	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	78.03	.....	79.22	.....
20	.....	.....	.....	.....	.....	.....	76.95	.....	78.25	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	76.99	.....	78.25	78.67	.....	.....
Eom	.....	.....	.....	.....	.....	.....	76.91	77.74	.....	.....	.....	.....

1967

5	.....	.....	.....	81.02	.....	.....	81.43	80.90	80.25	79.02	.....	78.39
10	.....	.....	.....	81.01	.....	81.49	81.32	80.82	.....	78.81	78.27	78.27
15	.....	.....	80.85	81.06	.....	.....	81.27	80.80	79.65	.....	.....	78.32
20	.....	.....	.....	.....	81.59	81.40	.....	80.68	79.54	78.70	78.29	78.34
25	.....	.....	80.85	.....	81.61	81.37	81.03	80.63	79.38	78.45	78.37	78.22
Eom	.....	.....	80.96	.....	81.62	81.36	80.96	80.40	79.24	78.41	78.35	78.38

1968

5	.....	78.39	.....	78.95	.....	79.92	h79.17	79.25	80.06	80.19	80.28	80.30
10	.....	78.10	.....	78.85	79.49	79.86	79.54	79.54	79.89	80.29	80.20	.....
15	.....	78.25	79.01	78.90	.....	79.88	79.91	79.80	79.87	80.39	80.40	80.33
20	78.42	.....	.....	78.94	79.48	79.95	79.65	80.01	79.26	80.20	80.35	80.66
25	.....	.....	.....	78.97	79.62	79.89	79.75	79.80	79.25	80.41	80.27	.....
Eom	78.37	.....	.....	78.92	h79.90	79.84	79.49	79.81	80.27	80.46	80.25	80.72

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1966	74.41	May 4, 1966	76.23	July 3, 1967	81.34	Jan. 16, 1968	78.48
12	73.30	11	75.45	10	81.31	30	78.27
19	72.59	18	76.39	17	81.25	Feb. 7	78.08
26	72.58	July 15	76.61	24	81.00	Mar. 11	79.12
Feb. 2	74.47	21	76.66	31	80.93	Apr. 2	79.03
9	73.58	Aug. 1	76.63	Aug. 4	80.90	May 8	79.03
16	73.20	Jan. 5, 1967	79.65	11	80.77	17	79.27
23	73.70	Feb. 21	80.34	18	80.71	31	79.90
Mar. 2	72.23	28	80.39	25	80.59	July 5	79.17
10	72.31	June 19	81.35	Sept. 1	80.41	Aug. 19	80.05
18	76.11	26	81.39	11	79.84	Sept. 3	79.91
25	75.23						

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, 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, 1951-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	9.51	May 28, 1965	9.96	June 28, 1966	8.59	Oct. 3, 1967	13.91
Feb. 21	7.92	July 2	7.66	Aug. 5	6.32	Nov. 7	14.29
Mar. 18	8.22	Aug. 28	8.81	Sept. 10	11.68	Dec. 12	14.56
Apr. 24	8.35	Aug. 20	8.90	Oct. 28	12.51	28	14.62
May 28	9.04	Sept. 25	10.10	Nov. 30	13.30	Jan. 25, 1968	13.51
June 26	10.53	Nov. 5	11.22	Dec. 30	13.76	Feb. 25	14.29
July 24	10.64	Dec. 3	11.79	Jan. 27, 1967	12.82	Apr. 4	14.06
Aug. 27	10.64	30	12.45	Mar. 27	12.89	June 5	14.39
Sept. 25	8.93	Jan. 29, 1966	12.10	May 3	13.52	Aug. 7	13.30
Oct. 23	6.97	Mar. 5	10.80	June 1	11.89	Sept. 10	14.02
Jan. 30, 1965	10.43	Apr. 2	9.15	July 11	12.51	Oct. 10	14.45
Mar. 26	6.89	30	10.93	Aug. 1	13.07	Nov. 14	14.76
May 7	8.77	June 8	6.67	31	13.55	Dec. 12	14.86

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 6.26 below lsd, Mar. 26, 1965; lowest 34.66 below lsd, Dec. 29, 1955. Records available: 1946-68. Affected by pumping.

Jan. 23, 1964	13.76	May 7, 1965	8.67	June 28, 1966	9.00	Aug. 31, 1967	13.78
Feb. 21	10.35	28	10.05	Aug. 5	11.60	Oct. 3	14.32
Mar. 18	8.07	July 2	7.00	Sept. 10	12.55	Nov. 7	14.93
Apr. 24	7.69	28	7.71	30	12.50	Dec. 12	15.03
May 28	9.06	Aug. 20	8.58	Oct. 28	13.16	28	14.93
June 26	9.07	Sept. 25	10.88	Nov. 30	13.60	Jan. 29, 1968	13.87
July 24	9.68	Nov. 5	12.73	Dec. 30	14.01	Feb. 29	15.91
Aug. 27	10.25	Dec. 3	12.99	Jan. 27, 1967	12.10	Apr. 2	16.55
Sept. 25	9.99	30	13.61	Mar. 1	12.49	June 5	14.02
Oct. 23	6.32	Jan. 29, 1966	13.74	27	11.60	Aug. 7	14.23
Dec. 8	8.70	Mar. 5	6.76	May 3	13.95	Sept. 10	14.20
Jan. 30, 1965	9.64	Apr. 2	8.05	June 1	11.47	Oct. 10	14.92
Feb. 26	7.78	30	9.18	July 11	12.98	Nov. 14	15.02
Mar. 26	6.26	June 4	10.09	Aug. 1	13.55	Dec. 17	14.85

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. Highest water level 28.75 below lsd, Mar. 1, 1960; lowest 77.89 below lsd, Aug. 7, 1968. Records available: 1947-68. Affected by pumping.

Feb. 21, 1964	58.50	Dec. 30, 1965	65.20	June 1, 1967	68.90	Mar. 2, 1968	76.62
Mar. 18	58.77	Apr. 2, 1966	64.83	July 11	69.53	June 5	73.50
Apr. 24	71.18	Aug. 5	68.40	Aug. 31	70.26	Aug. 7	77.89
July 24	68.11	Sept. 10	70.60	Oct. 3	74.94	Sept. 10	71.64
Sept. 25	73.68	30	69.04	Nov. 7	73.07	Oct. 10	74.36
Feb. 26, 1965	55.14	Mar. 1, 1967	66.03	Dec. 28	71.84	Nov. 14	58.41
Aug. 20	70.34	27	64.62	Feb. 29, 1968	72.83	Dec. 12	63.04
Dec. 3	64.90						

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. Highest water level 27.99 below lsd, Mar. 1, 1960; lowest 88.06 below lsd, Sept. 10, 1968. Records available: 1948-52, 1955-68. Affected by pumping.

Jan. 23, 1964	60.42	July 28, 1965	64.74	Sept. 10, 1966	68.59	Oct. 3, 1967	76.79
Feb. 21	60.49	Aug. 20	55.56	30	80.86	Nov. 7	80.86
Mar. 18	60.82	Sept. 25	59.41	Oct. 28	64.41	Dec. 2	74.46
July 24	60.99	Nov. 5	68.28	Nov. 30	60.91	28	70.93
Aug. 27	65.28	Dec. 3	57.91	Dec. 30	62.60	Jan. 29, 1968	70.25
Sept. 25	66.32	30	53.50	Jan. 27, 1967	59.77	Feb. 29	74.98
Oct. 23	60.55	Jan. 29, 1966	52.90	Mar. 1	71.99	Apr. 2	72.93
Dec. 8	56.99	Mar. 5	51.13	27	70.90	June 5	74.61
Jan. 30, 1965	52.29	Apr. 2	43.92	May 3	68.36	Aug. 7	87.64
Feb. 26	62.30	30	45.45	June 1	72.50	Sept. 10	88.06
Mar. 26	52.73	June 4	69.48	July 11	74.06	Oct. 10	84.72
May 7	68.06	28	74.72	Aug. 1	77.48	Nov. 14	83.92
May 28	63.97	Aug. 5	76.64	31	77.78	Dec. 12	78.79
July 2	49.48						

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. Highest water level 8.4 above lsd, Apr. 5, 1950; lowest 11.25 below lsd, Jan. 29, 1966. Records available: 1948-68.

335745N0801455.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	4.75	Mar. 26, 1965	3.91	June 4, 1966	6.23	Aug. 1, 1967	7.83
Feb. 21	3.75	May 7	4.80	28	5.51	31	7.47
Mar. 18	4.18	28	5.76	Aug. 5	6.59	Oct. 3	8.22
Apr. 24	4.82	July 2	4.43	Sept. 10	5.99	Nov. 7	9.84
May 28	5.90	28	5.20	30	6.32	Dec. 12	9.91
June 26	6.89	Aug. 20	6.05	Oct. 28	7.46	28	9.59
July 24	7.15	Sept. 25	7.80	Nov. 30	7.38	Jan. 29, 1968	6.37
Aug. 27	6.61	Nov. 5	9.74	Dec. 30	9.23	Feb. 29	6.72
Sept. 25	5.07	Dec. 3	10.22	Jan. 27, 1967	6.04	Apr. 2	6.90
Oct. 23	3.87	30	10.75	Mar. 1	5.87	June 5	7.55
Dec. 8	5.56	Jan. 29, 1966	11.25	27	6.36	Aug. 7	7.74
31	5.87	Mar. 5	9.94	May 3	7.59	Sept. 10	9.91
Jan. 30, 1965	5.88	Apr. 2	5.40	June 1	6.58	Oct. 10	10.84
Feb. 26	4.63	30	6.55	July 11	5.75	Nov. 14	10.07

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TENNESSEE

The observation-well program in Tennessee was continued during the period 1964 through 1968 in cooperation with the Tennessee Department of Conservation, Division of Water Resources, and with the Memphis Light, Gas, and Water Division. Figure 10 shows the location of observation wells included in this report.

Well-Numbering System

Each well is identified by means of (1) a code number that is based on the universal system of latitude and longitude, and (2) a local number that is provided for continuity with older reports and for other uses as dictated by local needs. In Tennessee all code numbers have been determined to the nearest second. Some of these have been revised from the previous report because of availability of better maps. The local well number is made up of three items: (1) a two-letter county abbreviation, followed by a colon; (2) a letter designating the $7\frac{1}{2}$ -minute quadrangle in which the well is located (arranged alphabetically, omitting "I," beginning with "A" in the southwest corner of the county and proceeding from west to east, in tiers from south to north, to the northeast corner), followed by a dash; and (3) a serial number designating the sequence number that the wells in that quadrangle was inventoried. Thus Br:E-1 is the first well of "E" quadrangle of Bradley County.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

Bradley County

350503N0845050.1. Local number Br:E-1. Formerly 6:182-1. F. G. Trehwitt. Near Cleveland. Dug unused water-table well in Conasauga Shale, Middle and Late Cambrian, diam 36 in, depth 25 ft. Lsd 850 ft above msl. MP top of front shelter panel, 1.50 ft above lsd. Highest water level 7.38 below lsd, Dec. 19, 1967; lowest 24.97 below lsd, Dec. 7-8, 1954; Records available: 1950-55, 1964-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	9.46	16.10	18.79	20.17	21.16	22.23	22.80	23.02
10	.....	.....	.....	.....	11.10	16.59	19.06	20.38	21.34	22.27	22.84	22.94
15	.....	.....	.....	.....	12.77	17.06	19.35	20.61	21.52	22.34	22.94	22.73
20	.....	.....	.....	.....	10.56	13.81	17.55	19.52	20.62	21.72	22.50	23.03
25	.....	.....	.....	.....	12.09	14.68	18.05	19.63	20.79	21.83	22.56	23.05
Eom	.....	.....	.....	.....	9.99	15.50	18.46	19.97	20.99	22.12	22.69	23.07
1965												
5	21.51	19.68	15.11	10.49	14.84	17.48	.....	19.84	20.81	21.47	22.17	22.53
10	21.34	18.03	14.32	10.91	15.42	17.44	.....	19.97	20.94	21.56	22.25	22.61
15	20.75	17.18	14.42	12.25	15.99	17.62	19.01	20.14	21.03	21.68	22.35	22.66
20	20.54	16.84	13.90	13.27	16.47	17.78	19.29	20.28	21.15	21.81	22.39	22.72
25	20.41	16.67	12.92	13.69	16.54	18.08	19.49	20.46	21.25	21.92	22.43	22.80
Eom	20.22	16.48	10.20	14.39	17.05	18.36	19.62	20.61	21.36	22.05	22.49	22.88
1966												
5	22.91	e21.30	15.30	16.27	13.70	16.60	18.88	20.51	21.56	22.20	21.68	20.45
10	22.69	21.03	15.38	16.50	14.21	17.04	19.24	.....	21.74	22.30	21.48	20.20
15	22.54	19.16	15.44	16.75	14.77	17.50	19.51	.....	21.88	22.40	20.92	e19.74
20	22.30	17.62	15.94	17.04	15.15	17.91	19.75	e21.00	21.99	22.22	20.68	.....
25	22.00	17.08	16.16	17.01	15.48	18.31	20.02	.....	22.02	22.04	20.63	.....
Eom	21.68	16.62	15.90	16.10	16.14	18.62	20.29	.....	22.10	21.87	20.50	.....
1967												
5	.....	16.86	14.14	16.13	17.84	15.49	18.26	17.50	17.59	19.03	16.90	14.82
10	18.95	16.70	13.77	16.52	17.38	15.94	16.08	17.83	17.90	18.97	16.87	14.61
15	18.50	16.51	14.18	16.90	16.22	16.50	16.05	18.20	18.19	18.98	17.10	13.61
20	18.24	15.84	14.65	17.30	15.28	17.02	16.52	18.45	18.50	19.02	17.35	8.04
25	18.02	14.61	15.20	17.68	14.12	17.55	16.92	18.51	18.79	18.90	16.29	10.50
Eom	17.05	14.36	15.87	17.57	14.82	17.89	17.19	17.33	18.92	18.70	15.94	10.89
1968												
5	10.27	11.06	14.87	13.05	14.57	15.82	18.12	19.72	21.05	22.10	22.82	23.25
10	12.12	12.06	15.01	12.59	14.92	16.18	18.40	19.91	21.22	22.25	22.90	23.28
15	11.48	12.94	14.20	12.68	14.85	16.64	18.71	20.17	21.42	22.41	22.98	23.32
20	10.34	13.59	13.58	12.68	15.25	16.99	18.95	20.38	21.62	e22.49	22.06	23.37
25	10.80	14.20	12.84	13.42	15.20	17.33	19.20	20.59	21.81	e22.60	22.12	23.37
Eom	10.42	14.54	12.94	14.03	15.54	17.79	19.50	20.85	21.96	e22.73	22.19	23.17
e Estimated.												

e Estimated.

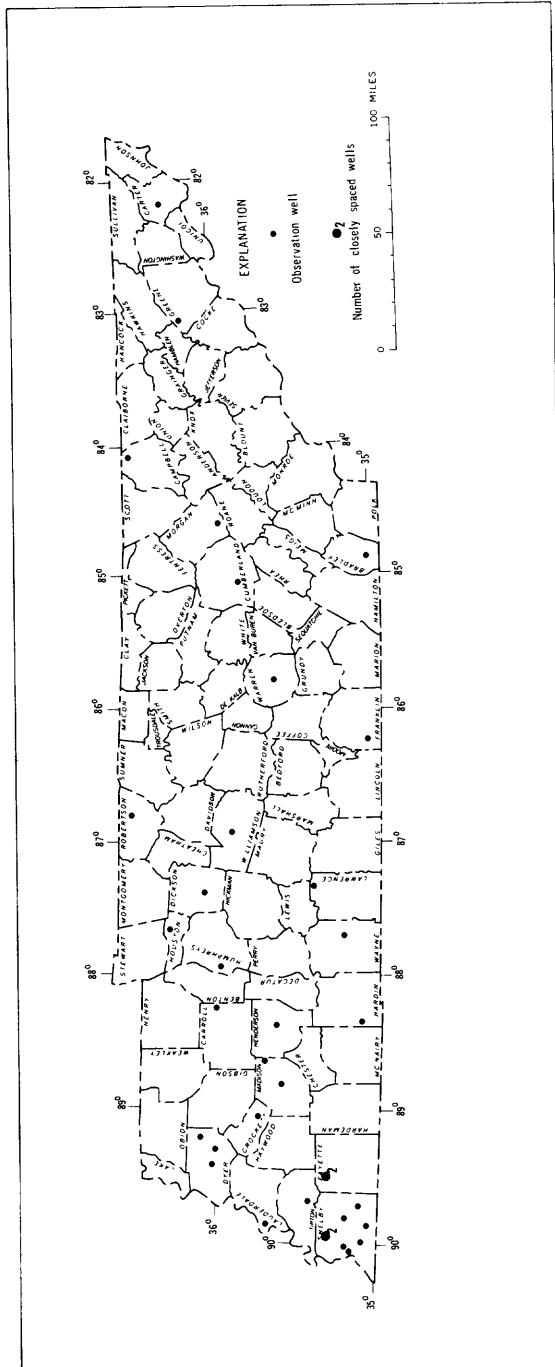


Figure 10. --Location of observation wells in Tennessee, 1964-68.

Campbell County

363436N0840748.1. Local number CbO-6. Jellico Waterworks. Drilled unused 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 1949-66. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	78.90	76.42	75.15	75.28	75.43	75.47	76.45	77.20	77.93	77.73	78.01	77.33
10	77.38	76.24	75.05	74.78	.....	75.70	76.59	77.20	78.07	77.63	77.90	77.31
15	76.61	76.05	75.04	74.93	.....	.....	76.83	e77.30	78.30	77.60	77.95	76.98
20	76.51	74.76	74.87	75.16	.....	.....	76.96	e77.35	78.36	77.70	77.78	76.90
25	76.40	75.16	75.12	75.11	76.02	.....	.....	77.53	78.51	77.81	77.52	76.66
Eom	76.44	75.49	75.21	.....	75.58	76.26	77.20	77.73	78.21	77.93	77.50	75.19
1965												
5	75.22	76.09	75.54	74.66	76.13	78.72	79.77	79.63	80.34	80.60	79.38	80.50
10	75.45	76.00	75.50	74.34	77.75	78.82	79.58	79.55	80.48	80.03	79.32	80.68
15	74.62	75.94	75.86	75.04	78.37	78.96	79.85	79.97	80.47	79.63	79.59	80.54
20	75.44	75.96	75.91	75.38	78.37	79.18	80.15	80.26	80.75	79.48	80.04	80.51
25	75.58	75.96	75.84	75.62	78.45	79.50	79.75	.....	80.63	79.51	80.37	80.75
Eom	75.82	75.90	73.58	75.61	78.38	79.61	79.36	.....	80.56	79.40	80.65	80.56
1966												
5	80.54	80.37	75.69	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	80.40	80.11	75.81	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	80.27	78.57	75.82	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	80.39	76.82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	80.32	76.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	80.33	76.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Carroll County

360245N0881415.1. Local number CrP-2. City of Bruceton. Drilled standby artesian well in Coffee Sand, diam 6 in, depth 299 ft, cased to 259, screened 259-299. Lsd 422 ft above msl. MP base of pump, 1.50 ft above lsd. Highest water level 29.55 below lsd, Mar. 21, 1962; lowest 50.86 below lsd, Mar. 8, 1966. Records available: 1962-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1962	29.80	July 17, 1963	38.93	Aug. 23, 1965	46.68	Aug. 14, 1967	46.02
Mar. 21	29.55	Aug. 6	42.73	Sept. 27	45.06	Sept. 22	46.91
Apr. 18	29.56	Oct. 2	44.88	Oct. 6	47.86	Oct. 23	44.70
May 18	29.64	Dec. 5	47.41	Nov. 16	48.43	Nov. 6	46.69
June 14	29.91	Jan. 15, 1964	43.75	Dec. 6	45.96	Dec. 6	42.72
July 12	29.91	Mar. 11	41.72	Jan. 17, 1966	46.62	Jan. 8, 1968	44.24
Aug. 21	30.38	May 14	40.25	Feb. 8	47.40	Feb. 9	44.74
Sept. 26	31.73	Aug. 11	41.92	Mar. 8	50.86	Mar. 8	47.24
Oct. 24	30.33	Oct. 15	47.47	May 6	48.62	Apr. 5	46.78
Nov. 19	30.42	Nov. 12	46.50	June 10	49.98	May 2	45.37
Dec. 18	30.43	Jan. 12, 1965	42.95	Sept. 15	44.51	June 5	43.44
Jan. 7, 1963	30.34	Feb. 8	44.58	Nov. 3	49.86	July 5	44.10
Feb. 8	30.37	Mar. 9	44.48	Feb. 3, 1967	48.07	Aug. 6	43.41
Mar. 5	29.86	Apr. 13	43.09	Mar. 6	46.91	Sept. 6	42.37
Apr. 9	30.26	May 11	42.68	Apr. 3	49.85	Oct. 7	41.22
May 6	30.20	June 15	43.05	May 5	47.45	Nov. 5	40.62
June 7	31.64	July 6	42.30	June 6	47.11	Dec. 3	40.21

Carter County

361738N0821329.1. Local number CtH-1. Gap Creek Community, Near Elizabethton. Dug unused water table well in Honaker Dolomite, diam 24 in, depth 31 ft. Lsd 1,820 ft above msl. MP top of concrete tile 2.50 ft above lsd. Highest water level 3.26 below lsd, Apr. 9, 1965; lowest 23.75 below lsd, Jan. 15, 1966. Records available: 1964-68.

Lowest water level for the day, from recorder graph 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	13.56	14.47	17.05	18.81	18.56	17.67	15.72	14.96
10	.....	.....	.....	.....	13.79	14.79	17.54	19.29	19.05	16.91	16.27	15.05
15	.....	.....	.....	.....	10.12	13.98	15.19	17.02	19.73	19.60	18.15	e13.65
20	.....	.....	.....	.....	12.70	e14.40	15.62	17.45	19.58	19.74	12.50	14.39
25	.....	.....	.....	.....	12.04	14.59	16.08	17.69	17.33	19.74	14.84	13.89
Eom	.....	.....	.....	.....	13.22	13.75	16.59	18.38	18.17	19.73	15.16	e14.15
1965												
5	12.99	14.34	.....	8.46	10.16	14.07	15.07	15.90	17.36	16.28	20.10	21.78
10	14.14	10.47	13.66	3.84	11.67	13.52	15.54	16.05	18.05	16.22	20.52	22.07
15	13.04	12.37	14.25	5.84	13.02	13.28	15.20	16.66	18.55	17.45	20.90	22.38
20	13.72	13.64	12.69	6.65	13.55	14.11	15.06	17.21	19.02	18.36	21.27	22.67
25	11.92	13.84	13.81	8.80	13.54	14.52	15.63	17.71	18.90	18.90	21.40	22.97
Eom	13.20	e13.92	5.58	7.69	13.85	14.74	15.20	16.51	19.02	19.58	21.46	23.39
1966												
5	23.64	22.91	7.65	15.95	7.48	15.11	16.82	13.15	11.53	9.34	8.92	10.51
10	23.52	20.58	14.15	16.44	12.63	15.15	15.62	14.85	14.05	13.03	12.30	12.98
15	23.75	8.20	14.76	14.46	12.95	15.47	14.27	5.50	11.58	14.11	8.77	6.49
20	22.92	13.40	15.10	15.20	13.71	15.47	14.72	6.41	11.82	5.41	12.74	8.97
25	22.98	14.28	15.32	13.28	14.18	15.91	14.80	6.63	11.57	7.53	13.94	9.46
Eom	23.22	14.33	15.58	11.34	14.70	16.37	8.38	11.29	7.21	10.97	6.02	6.80

361738N0821329.1. --Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	9.04	12.70	9.29	13.19	13.84	6.35	13.89	13.00	15.28	15.71	15.31	14.30
10	8.70	13.34	6.48	13.80	12.52	9.05	13.88	14.34	15.33	16.21	16.01	15.10
15	9.95	13.70	6.80	13.90	13.20	10.58	13.21	14.71	15.99	16.79	16.64	15.30
20	12.05	5.55	8.95	14.10	11.72	11.85	14.19	15.23	16.44	15.62	17.18	9.62
25	13.49	6.41	10.50	13.80	9.72	13.18	14.53	15.32	15.99	14.47	13.50	9.36
Eom	9.89	7.67	12.07	13.32	7.16	13.50	13.48	14.81	14.63	15.13	14.98	11.77
1968												
5	6.05	11.95	14.72	5.98	11.79	14.62	16.29	15.29	17.83	19.76	18.46	17.28
10	6.60	13.39	14.97	8.28	13.46	14.90	16.68	16.03	18.15	18.25	18.65	18.72
15	4.93	13.80	7.42	9.54	13.61	15.07	17.07	15.09	18.51	18.74	18.02	18.68
20	8.81	13.90	10.00	11.10	13.92	15.21	17.43	15.96	18.91	14.90	17.74	19.16
25	9.95	14.24	7.94	8.98	14.34	15.50	14.89	16.70	19.36	16.50	18.28	18.33
Eom	10.29	14.64	11.24	9.67	14.13	15.90	15.02	17.35	19.81	17.89	18.66	15.04

e Estimated.

e Estimated.

Crockett County

354253N0890513.1. Local number Ck:B-5. Winter Garden Freezer Co. Bells. Drilled unused artesian well in sand of Claiborne Group, diam 10 to 6 in, depth 537 ft, cased to 523, screened 523 to 537. Lsd 350 ft above msl. MP top of casing, 1.10 ft above lsd. Highest water level 38.98 below lsd, Apr. 10, 1965; lowest 42.96 below lsd, Oct. 10, 1967. Records available: 1961-68.

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

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	40.71	40.88	.....	41.51	.....	42.18	42.24	42.03
10	.....	.....	.....	.....	40.54	40.54	.....	.....	.....	42.23	42.19	41.78
15	.....	.....	.....	.....	40.82	40.73	.....	.....	.....	42.36	42.19	41.06
20	.....	.....	.....	.....	40.84	41.10	.....	.....	.....	42.31	42.09	.....
25	.....	.....	.....	.....	40.60	41.22	.....	.....	.....	42.44	41.74	.....
Eom	.....	.....	.....	.....	40.98	.....	41.38	41.87	42.21	42.36	42.04	.....
1962												
5	.....	40.63	39.38	39.97	39.33	40.65	41.41	41.72	41.93	41.72	41.91	41.92
10	.....	40.73	39.67	40.11	40.09	40.91	41.39	41.86	41.97	e41.90	41.86	42.02
15	.....	40.67	40.00	39.44	40.49	40.86	41.52	41.95	41.99	41.78	41.82	41.75
20	40.68	40.59	40.02	39.93	40.53	41.36	41.62	41.98	42.00	41.79	41.84	41.77
25	39.59	39.92	39.92	40.16	40.71	41.17	41.64	42.02	41.80	41.90	42.06	41.59
Eom	39.94	39.41	39.75	40.24	40.81	41.23	41.65	42.00	41.97	41.80	41.94	41.29
1963												
5	41.18	41.00	40.76	40.87	40.86	.....	41.62	42.02	42.25	42.54	42.50	42.34
10	41.30	41.07	39.92	40.68	41.07	.....	41.64	42.11	42.30	42.52	42.54	42.37
15	41.20	41.07	40.03	40.98	41.23	.....	41.66	42.22	42.34	42.56	42.60	42.28
20	41.21	40.96	39.68	40.94	41.42	41.32	41.76	42.21	42.31	42.55	42.44	42.36
25	41.12	40.98	40.34	41.08	41.38	41.50	41.88	42.28	42.40	42.58	42.46	42.25
Eom	41.04	41.06	40.75	40.70	.....	41.58	41.90	42.16	42.50	42.62	42.30	42.26
1964												
5	42.26	.....	.....	40.63	40.35	.....	41.91	41.86	42.11	42.06	42.29	.....
10	42.17	.....	.....	40.16	40.98	.....	41.74	41.59	42.15	42.22	42.26	.....
15	41.83	.....	.....	40.21	41.04	.....	41.24	41.87	42.25	42.20	42.34	.....
20	41.86	.....	40.84	40.66	41.29	41.61	41.69	41.42	42.23	42.33	e42.10	40.89
25	.....	.....	40.94	40.53	41.42	41.83	41.57	41.80	42.34	42.28	.....	40.88
Eom	.....	.....	41.06	40.16	41.49	41.86	41.55	42.00	41.81	42.18	.....	41.06
1965												
5	40.50	41.19	39.65	.....	40.34	40.98	40.98	41.59	41.84	41.79	41.85	41.69
10	40.52	40.82	40.40	.....	40.58	41.00	41.16	41.45	41.84	41.74	41.83	41.72
15	40.00	39.76	40.48	.....	40.66	40.73	41.22	41.60	41.66	41.84	41.78	41.60
20	40.70	40.14	40.43	40.00	40.78	40.56	41.38	.....	41.82	41.82	41.81	41.54
25	40.75	40.39	40.28	40.11	40.75	41.00	41.45	41.73	41.69	e41.84	41.62	41.74
Eom	41.01	40.00	39.45	40.37	40.72	41.10	41.39	41.76	41.70	41.87	41.80	41.56
1966												
5	41.20	41.20	40.11	.....	39.71	40.99	41.53	.....	42.41	42.60	42.49	42.31
10	41.36	41.07	40.41	.....	40.44	41.02	41.68	42.15	42.48	42.59	42.37	42.15
15	41.30	40.07	40.45	40.84	40.30	41.22	41.73	42.03	42.54	42.63	42.36	42.05
20	41.32	40.37	40.60	40.83	39.77	41.44	41.82	42.19	42.41	42.60	42.41	42.06
25	41.25	40.51	.....	40.52	40.07	41.53	41.97	42.25	42.46	42.53	e42.40	e41.80
Eom	41.23	40.49	.....	40.32	40.87	41.60	e42.00	42.28	42.47	42.39	42.44	41.46
1967												
5	41.87	.....	41.31	41.51	41.20	41.25	41.97	.....	42.67	42.83	42.60	41.45
10	41.92	.....	40.67	e41.60	41.46	41.56	41.31	.....	42.63	42.96	42.44	41.52
15	41.80	.....	40.80	.....	41.46	41.81	e41.76	e42.40	42.71	42.84	42.37	41.26
20	41.86	e41.76	41.20	.....	40.13	41.94	.....	42.34	42.78	42.48	42.25	41.28
25	41.82	41.90	41.14	.....	40.69	42.02	.....	42.43	42.80	42.54	42.27	.....
Eom	e41.60	41.53	41.32	41.29	41.18	42.03	.....	42.61	42.83	42.51	e42.24	.....
1968												
5	.....	.....	.....	.....	40.86	41.04	.....	42.12	42.34	41.95	41.93	.....
10	.....	h41.10	.....	39.82	40.91	41.28	.....	42.18	42.37	41.76	41.96	.....
15	h40.66	41.24	.....	40.26	40.82	41.36	.....	42.35	42.36	41.84	41.95	.....
20	.....	.....	40.78	40.53	39.92	.....	.....	42.26	41.67	41.93	41.94	41.77
25	.....	.....	40.04	40.74	40.48	.....	41.97	42.40	41.83	41.97	41.88	41.30
Eom	.....	.....	.....	40.61	41.07	.....	42.05	42.42	41.92	42.08	.....	41.22

e Estimated.

h Tape measurement.

Cumberland County

354922N0850535.1. Local number Cu:C-1. Hubert Roy. Near Lantana. Drilled unused artesian well in rocks of Pennsylvanian age, diam 6 in, depth 69 ft, cased to 69. Lsd 1,970 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 13.61 below lsd, Jan. 12, 1968; lowest 24.92 below lsd, Nov. 16, 1968. Records available 1964-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.49	24.27	20.15
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.58	24.38	19.45
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.57	24.54	17.78
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.81	24.51	17.90
25	.....	.....	.....	.....	.....	.....	.....	.....	23.38	23.93	23.67	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	23.47	24.12	22.28	.....
1965												
5	.....	18.83	.....	15.05	19.47	20.47	18.80	19.04	21.52	17.81	21.23	19.35
10	e17.20	e17.25	.....	13.95	20.06	20.55	18.76	19.52	21.88	18.23	21.59	19.76
15	.....	.....	.....	16.33	20.73	20.61	17.99	20.12	20.93	18.94	21.90	20.00
20	17.55	.....	15.95	e17.25	20.80	20.23	18.83	20.77	19.14	19.44	22.14	20.22
25	17.32	.....	16.52	.....	20.74	20.40	19.18	20.88	19.22	20.15	21.28	20.69
Eom	19.01	.....	14.17	.....	20.31	20.63	17.81	21.09	19.29	20.76	19.53	20.79
1966												
5	19.18	18.64	.....	19.02	.....	19.15	21.45	21.16	19.38	19.39	19.12	18.07
10	17.45	e17.00	16.17	19.56	.....	19.65	19.05	21.37	20.36	19.78	e17.00	17.00
15	17.67	.....	17.21	18.99	17.86	20.27	e19.00	19.40	20.19	19.98	.....	.....
20	17.95	.....	e17.00	18.82	17.12	20.79	.....	17.78	19.72	18.30	e16.90	e16.90
25	18.50	.....	17.65	18.98	17.13	21.25	20.51	17.22	18.82	17.94	17.68	17.83
Eom	19.01	.....	18.30	17.18	18.38	21.52	21.13	18.60	18.99	18.65	18.06	e16.80
1967												
5	e16.70	16.38	14.99	18.26	18.44	18.35	17.22	16.46	19.36	21.68	e20.2	15.97
10	17.58	17.10	14.43	19.04	16.50	18.17	14.68	17.82	19.90	21.89	e19.6	16.41
15	17.77	17.08	16.35	19.66	15.80	19.04	14.42	18.80	20.41	22.20	e19.0	15.47
20	17.71	16.85	17.38	20.08	15.46	19.81	16.67	19.52	e20.90	21.90	19.51	14.57
25	17.53	15.70	17.12	20.44	16.83	20.23	17.88	20.09	21.45	21.45	19.74	14.50
Eom	15.79	15.83	17.95	19.47	18.30	18.57	15.28	18.98	21.61	20.91	18.58	15.70
1968												
5	14.26	17.89	20.57	14.49	19.00	19.11	21.68	22.46	23.31	24.40	24.73	23.29
10	14.40	18.21	20.68	14.36	19.54	19.70	21.83	22.67	23.49	24.39	24.85	22.38
15	14.73	18.93	17.23	15.39	19.95	20.40	22.11	22.80	23.81	24.40	24.84	22.19
20	15.74	19.32	16.65	16.81	19.55	20.81	21.71	22.70	23.89	24.55	24.77	22.42
25	16.47	20.01	15.21	18.15	19.75	21.26	21.91	22.89	23.94	24.54	24.54	20.79
Eom	17.47	20.27	16.70	18.75	19.00	21.64	22.24	23.18	24.32	24.71	24.42	18.60

e Estimated.

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, cased to 22. Lsd 755 ft above msl. MP top casing, at lsd. Highest water level 8.78 below lsd, Apr. 11, 1962; lowest 33.78 below lsd, Sept. 11-12, 1964. Records available: 1960-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.44	30.04	20.40	23.88	24.76	32.51	33.36	33.61	33.60	32.41	32.74	18.90
10	26.03	29.08	17.57	23.00	26.50	33.05	33.47	33.22	33.72	32.86	32.75	25.46
15	25.62	25.42	17.86	22.38	28.12	33.25	33.00	33.18	33.75	32.95	32.67	23.00
20	22.60	22.84	23.23	25.31	30.53	33.28	33.19	32.11	32.22	32.77	30.28	25.57
25	24.94	26.32	24.60	25.91	32.04	33.30	33.23	33.40	33.11	32.84	30.90	26.81
Eom	28.74	27.78	25.85	25.13	31.97	33.53	33.49	33.24	29.97	32.49	28.73	24.19
1965												
5	25.19	30.33	21.90	20.00	29.98	29.81	.....	32.47	32.32	31.79	32.26	31.90
10	26.50	27.80	24.27	22.30	31.33	30.82	.....	32.42	32.42	31.66	e32.00	31.93
15	22.60	22.30	26.22	22.87	30.59	31.26	.....	32.51	31.72	32.00	.....	31.42
20	25.20	25.48	23.72	23.40	31.13	e31.35	.....	32.47	32.10	32.10	.....	31.56
25	26.78	20.65	25.43	25.50	27.67	.....	.....	32.47	31.53	32.02	31.72	31.48
Eom	29.37	22.73	19.80	27.92	29.48	.....	32.21	32.44	31.91	32.21	31.81	31.57
1966												
5	30.4	30.8	26.0	32.0	24.4	e28.1	32.2	31.5	32.2	.....	e30.5	e31.0
10	31.2	30.8	29.1	31.9	29.0	32.0	31.9	32.8	32.2	.....	.....	19.0
15	31.2	22.8	30.9	31.6	29.5	32.0	32.4	29.4	31.9	.....	.....	25.0
20	31.5	26.6	31.8	31.9	25.4	32.2	31.6	29.8	31.8	.....	.....	28.9
25	31.4	29.7	31.8	31.5	e27.3	32.2	32.2	29.5	31.8	e31.2	.....	31.0
Eom	31.3	30.5	32.0	22.9	e27.8	31.9	30.8	31.8	e31.2	.....	.....	23.2

360429N0872336.2. --Continued.

1967												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	27.38	28.59	26.79	32.45	29.00	32.00	31.96	31.90	32.30	31.72	.....	27.92
10	29.50	30.30	21.40	32.55	29.35	32.50	29.83	28.78	31.67	31.79	.....	30.55
15	30.27	31.70	25.40	32.40	17.17	32.66	30.24	31.48	e31.92	31.87	h31.02	26.68
20	31.37	31.76	29.10	32.65	24.75	32.38	32.13	32.00	.....	31.13	31.20	25.08
25	31.58	30.80	.....	32.41	28.78	32.21	32.20	32.14	h32.03	30.98	31.23	24.18
Eom	29.08	31.18	.....	32.01	30.97	31.84	31.92	32.22	31.51	e31.02	30.39	29.05
1968												
5	23.88	23.80	.....	19.30	31.20	29.25	32.76	32.98	e32.50	32.53	32.30	.....
10	23.40	27.65	.....	.....	32.10	31.40	32.89	33.02	32.85	31.94	32.73	.....
15	24.20	31.05	.....	.....	29.00	31.40	33.06	31.98	33.09	32.42	32.96	.....
20	24.75	.....	.....	.....	25.60	32.10	33.10	e32.50	31.97	32.32	32.32	.....
25	23.80	.....	.....	29.25	29.35	32.62	33.22	.....	32.91	32.43	32.20	30.08
Eom	26.40	.....	.....	29.80	29.70	32.70	32.60	.....	33.05	32.61	.....	28.12
e Estimated.												
h Tape measurement.												

e Estimated.

h Tape measurement.

Dyer County

360200N0892801.1. Local number Dy:H-1. U.S. Geological Survey. Finley. 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. Highest water level 3.69 below lsd, Feb. 28, 1962; lowest 18.93 below lsd, Jan. 18-21, 1957. Records available: 1955-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	18.58	18.55	17.74	14.12	.....	13.00	14.77	14.98	.....	.....	15.82	12.85
10	18.61	18.50	15.62	12.37	.....	13.38	14.99	.....	.....	.....	15.93	12.03
15	18.57	18.47	14.92	12.36	.....	13.76	15.06	.....	.....	14.87	15.90	10.02
20	18.57	18.36	14.78	.....	11.78	14.00	15.16	.....	.....	15.16	15.12	.....
25	18.55	18.31	14.73	.....	12.29	14.45	15.34	.....	.....	15.29	14.08	.....
Eom	18.54	18.30	14.70	.....	12.74	14.69	14.58	.....	.....	15.45	13.93	.....
1965												
5	10.54	9.22	7.00	.....	7.90	10.62	11.95	13.64	15.25	13.58	15.80	13.52
10	7.84	6.60	5.48	.....	8.66	10.86	12.14	13.83	15.34	13.89	15.48	13.66
15	7.22	6.08	6.16	5.98	9.20	10.78	12.39	14.04	13.82	14.20	15.48	13.50
20	7.58	6.98	.....	6.60	9.79	10.86	12.74	14.40	13.76	14.43	15.55	13.40
25	8.22	7.06	.....	7.16	10.05	11.24	13.00	14.68	13.21	14.74	14.38	13.68
Eom	8.57	7.29	.....	7.10	10.14	11.64	13.26	15.42	13.26	15.03	13.70	13.62
1966												
5	10.90	10.76	7.75	10.94	9.35	10.10	12.39	13.70	13.92	14.95	15.72	16.02
10	10.14	9.82	8.24	11.33	9.73	10.66	12.10	13.97	14.19	15.09	15.74	15.70
15	10.24	7.35	8.68	11.56	9.93	10.97	12.40	14.11	14.42	15.26	15.72	14.76
20	10.67	7.46	9.15	11.78	9.16	11.42	12.70	13.13	14.52	15.40	15.80	14.61
25	10.89	7.64	9.74	11.54	9.14	11.85	12.97	13.28	14.64	15.47	15.85	14.82
Eom	11.17	7.72	10.17	9.94	9.56	12.24	13.27	13.60	14.82	15.57	15.96	12.70
1967												
5	12.44	11.12	.....	10.18	10.19	9.20	11.68	.....	.....	14.24	.....	.....
10	12.40	11.08	7.94	10.67	9.91	9.73	10.68	.....	.....	14.50	.....	.....
15	12.44	11.50	8.72	10.81	6.70	10.31	9.86	h11.17	.....	14.64	h15.08	.....
20	12.48	11.60	9.00	10.97	6.83	10.83	.....	11.80	13.58	14.50	.....	h12.19
25	12.54	11.73	9.35	11.31	7.48	11.38	.....	12.26	13.86	14.57	.....	.....
Eom	11.76	.....	9.87	11.21	8.82	11.63	.....	.....	14.08	14.73	.....	.....
1968												
5	.....	6.53	9.46	4.45	8.19	9.06	11.52	13.52	14.90	15.46	16.03	14.31
10	.....	7.08	9.91	5.05	8.75	9.71	11.85	13.75	15.07	15.53	16.13	14.15
15	.....	7.79	9.70	5.89	7.77	10.28	12.23	14.01	15.20	15.61	16.20	14.23
20	10.13	8.25	9.36	6.44	6.93	10.68	12.59	14.31	15.10	15.76	16.35	14.22
25	7.98	8.84	6.23	6.64	7.62	10.98	12.89	14.57	15.26	15.86	16.41	.....
Eom	7.88	9.14	5.61	7.37	8.54	11.18	13.24	14.82	15.28	16.00	15.49	.....

h Tape measurement.

360147N0892307.1. Local number Dy:H-7. City of Dyersburg. Drilled unused artesian well in sand of Claiborne Group, 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 below lsd, Apr. 19, 1962; lowest -17.1 below lsd, Aug. 10, 1956. Records available: 1954-69.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	-2.02	-2.16	-1.28	-2.12	-1.18	-3.76	-4.55	-4.25	-4.57	-4.01	-2.67	-1.37
10	2.60	1.95	+0.72	0.22	1.24	.....	5.22	4.74	4.51	3.91	e3.55	0.18
15	2.08	1.98	0.36	1.18	1.01	.....	4.43	4.92	4.28	4.03	2.30	+0.22
20	1.74	1.82	-1.52	1.04	1.58	4.40	4.56	4.18	4.24	3.97	2.18	-0.36
25	2.05	1.66	2.46	1.27	1.76	5.06	5.06	3.98	4.41	2.27	1.53	.....
Eom	2.03	2.21	2.25	0.80	2.85	4.87	4.73	4.07	3.69	e3.90	1.36	.....

360147N0892307.1.---Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	-2.42	.....	-0.56	-3.04	e-3.92	-2.87	-4.10	-2.84	-3.25	e-3.70	e-3.20
10	.....	0.93	.....	1.17	3.04	e3.82	3.30	3.63	4.34	.....	e3.92	.....
15	-0.16	0.31	-2.20	1.90	3.08	e3.42	3.30	4.34	2.38	.....	e3.50	.....
20	0.59	1.42	2.74	2.38	3.24	e3.25	3.63	.....	2.35	.....	3.41	.....
25	0.71	.....	2.19	2.77	e3.42	3.27	4.00	5.00	3.35	e2.75	2.80	.....
Eom	e1.04	.....	0.55	1.22	2.72	3.81	3.92	4.36	4.86	e4.00	.....	.....
1966												
5	.....	e-3.00	.....	.....	-2.60	.....	-4.10	-5.51	e-5.25	.....	.....	-4.30
10	.....	e2.40	.....	.....	2.82	.....	4.12	5.87	.....	.....	.....	4.60
15	.....	.....	.....	-3.90	2.70	.....	5.54	4.83	.....	.....	.....	5.09
20	-2.59	.....	.....	e3.00	2.56	.....	5.32	5.01	.....	-5.18	.....	4.56
25	2.62	.....	.....	2.91	2.40	.....	5.25	4.76	.....	e4.50	.....	4.02
Eom	e2.80	.....	.....	e3.35	e2.50	-4.82	5.40	5.12	.....	.....	-4.63	3.87
1967												
5	-4.11	-3.98	-3.55	-4.45	-4.09	-4.05	-4.84	-6.35	-5.78	-5.95	-5.15	-4.73
10	4.68	4.76	2.80	4.14	3.46	4.86	3.63	6.23	5.33	5.72	5.16	4.65
15	4.23	4.49	3.15	4.10	1.69	5.65	5.07	5.06	5.80	5.32	4.90	5.16
20	e4.80	3.60	3.00	e4.55	2.12	6.30	5.80	5.46	6.09	5.54	5.04	4.15
25	4.61	4.23	4.07	h4.01	3.30	.....	5.99	6.80	5.27	5.10	5.00	3.90
Eom	4.58	4.13	4.35	3.95	4.19	5.58	5.32	5.31	5.49	5.10	4.90	3.23
1968												
5	-3.44	-3.32	-4.01	-2.53	-4.24	-4.11	.....	-6.05	.....	-7.65	.....	-5.09
10	4.54	3.96	4.10	2.74	4.23	5.34	.....	7.51	h-5.80	6.33	.....	5.14
15	3.87	4.07	4.95	.....	3.56	.....	.....	6.74	6.06	6.34	-5.99	5.14
20	4.62	4.07	.....	.....	4.05	.....	.....	6.70	6.99	7.81	6.29	.....
25	4.29	4.17	.....	4.29	3.63	.....	.....	.....	6.09	.....	5.94	.....
Eom	3.95	4.05	2.75	4.03	4.20	.....	-5.82	.....	5.95	.....	5.61	.....

e Estimated.

h Tape measurement.

360649N0891539.1 (revised). Local number Dy:J-4. City of Newbern. Drilled unused artesian well in sand of Jackson (?) Formation, diam 8 in, depth 260 ft, cased to 234, screened 234-260. Lad 375 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 75.30 below lsd, July 5, 1962; lowest 80.97 below lsd, Dec. 14, 1967. Records available: 1959-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	78.12	78.37	78.65	78.52	78.81	78.76	.....	79.34	79.49	79.58	79.64	79.76
10	78.17	78.56	78.63	78.80	78.69	78.85	.....	79.26	79.49	.....	79.53	79.62
15	78.49	78.48	78.68	78.83	78.88	78.87	79.04	.....	79.48	79.30	79.74	79.74
20	78.46	78.65	78.68	78.60	78.90	78.93	79.05	79.33	79.47	79.48	79.58	79.71
25	78.40	78.51	78.46	78.49	78.81	79.05	79.09	79.44	79.56	79.49	79.36	79.21
Eom	78.43	78.77	78.71	78.67	78.72	78.97	79.26	79.47	79.43	79.56	79.90	79.79
1965												
5	79.72	79.76	79.04	78.88	78.81	78.84	78.80	.....	79.20	79.29	79.42	79.40
10	79.70	79.39	79.37	78.85	78.84	78.85	78.85	.....	79.29	e79.20	79.32	79.56
15	79.58	79.56	79.26	78.75	78.78	.....	78.96	.....	79.29	.....	79.38	79.66
20	79.52	79.37	79.53	78.97	78.81	78.83	78.99	.....	79.37	.....	79.38	79.34
25	79.33	79.35	79.04	78.77	78.85	78.86	78.94	79.19	79.29	.....	79.37	79.69
Eom	79.55	79.24	79.15	79.01	78.79	78.94	e79.08	79.18	79.09	79.44	79.65	79.47
1966												
5	79.56	79.70	79.21	.....	79.34	79.03	79.15	79.39	79.47	79.71	79.70	79.79
10	79.63	79.32	79.56	.....	79.29	79.11	79.26	79.36	79.53	79.59	79.72	79.97
15	79.34	79.61	79.15	79.40	79.09	79.08	79.36	79.30	79.40	79.60	79.91	80.02
20	79.56	79.70	79.31	79.26	79.15	79.25	79.35	79.39	79.32	79.76	79.80	79.87
25	79.54	79.32	.....	79.25	79.12	79.31	79.40	79.39	79.45	79.95	79.70	80.02
Eom	79.59	79.13	.....	79.32	79.19	79.17	79.34	79.45	79.43	79.58	79.87	79.83
1967												
5	80.02	79.74	79.76	79.83	79.72	.....	79.57	80.13	80.18	80.50	e80.61	80.46
10	80.10	79.76	80.01	79.96	79.67	.....	79.55	79.92	79.98	80.82	e80.46	80.36
15	80.01	79.80	79.98	79.79	79.77	.....	79.64	79.91	80.12	80.42	e80.47	80.86
20	80.01	e79.70	80.08	e79.80	79.82	.....	79.84	79.90	80.23	80.56	e80.37	80.59
25	79.88	80.29	79.89	h79.71	.....	.....	79.83	80.09	80.35	80.37	e80.26	80.44
Eom	79.94	80.01	79.79	79.70	.....	79.55	79.75	80.12	80.34	80.29	80.36	80.49
1968												
5	80.73	80.67	80.48	80.38	79.99	79.92	79.94	80.09	80.18	80.27	80.29	80.49
10	80.53	80.45	80.35	80.28	79.94	79.95	79.90	80.00	80.22	80.24	80.27	80.53
15	80.48	80.56	80.69	80.15	79.83	80.01	80.10	80.09	80.23	80.25	80.25	80.58
20	80.70	80.32	.....	79.90	79.96	79.91	80.02	80.38	80.31	80.34	80.57	80.41
25	80.45	80.58	.....	80.10	79.92	79.75	80.04	80.23	80.32	80.31	80.47	80.46
Eom	80.66	80.52	80.20	80.02	79.91	79.88	79.94	80.22	80.33	80.46	80.57	80.84

e Estimated.

h Tape measurement.

Fayette County

352226N0893301.1 (revised). Local number Fa:R-1 (corrected). Tennessee Division of Geology and U. S. Geological Survey. Near Braden. Drilled observation artesian well in sand of Wilcox Group, 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, 1964; lowest 75.31 below lsd, Oct. 20, 1966. Records available: 1949-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	74.08	74.05	74.04	73.88	73.83	73.93	.....	74.42	74.59	74.78	74.87	74.80
10	74.08	74.17	74.00	74.06	73.86	74.00	.....	74.41	74.60	74.81	74.80	74.71
15	74.07	74.03	74.06	74.03	73.88	74.02	.....	74.44	74.72	74.73	74.91	74.73
20	74.06	74.10	74.02	73.94	73.94	74.04	.....	74.42	74.74	74.83	74.92	74.78
25	74.10	74.08	74.04	73.78	73.94	74.12	.....	74.49	74.79	74.85	74.72	74.51
Eom	74.13	74.17	74.12	73.80	73.92	.....	74.36	74.56	.....	74.81	74.99	74.72

1965

5	74.68	74.78	74.38	74.45	74.54	74.58	74.62	74.96	75.12	74.94	.....	.....
10	74.65	74.56	74.57	74.43	74.57	74.58	74.65	74.93	75.08	74.92	.....	.....
15	74.62	74.64	74.55	74.44	74.54	74.48	74.72	75.06	74.86	74.95	e75.05	.....
20	74.66	74.58	74.72	74.50	74.55	74.58	74.78	75.02	75.00	74.98	.....	.....
25	74.51	74.58	74.51	74.45	74.58	74.60	74.82	75.06	74.89	e75.00	.....	75.15
Eom	74.66	74.45	74.56	74.60	74.56	74.68	74.85	75.07	74.79	.....	.....	75.04

1966

5	74.90	74.94	74.57	74.63	74.65	74.59	74.68	74.88	75.04	75.26	.....	.....
10	75.04	74.62	74.80	74.64	74.62	74.58	74.71	74.94	75.16	75.27	.....	.....
15	74.89	74.72	74.63	74.72	74.51	74.63	74.75	74.92	75.16	75.27	.....	.....
20	74.98	74.79	74.67	74.60	74.46	74.68	74.78	74.94	75.10	75.31	.....	.....
25	74.87	74.65	74.72	74.57	74.44	74.74	74.85	75.03	75.19	e75.25	.....	.....
Eom	74.93	74.55	74.51	74.59	74.58	74.70	74.91	75.04	75.21	.....	.....	.....

1967

5	.....	.....	74.30	74.32	74.12	.....	.....	.....	74.34	74.40	74.45	74.06
10	.....	.....	74.38	74.30	74.00	.....	.....	.....	74.33	74.40	74.35	73.96
15	.....	.....	74.30	74.24	74.08	.....	.....	.....	74.34	74.42	74.36	73.94
20	.....	.....	74.47	74.20	74.07	74.16	.....	74.18	74.33	74.38	74.22	74.17
25	.....	74.70	74.27	74.20	.....	.....	.....	74.24	74.36	74.36	74.43	74.02
Eom	.....	74.47	74.34	74.08	.....	.....	.....	74.36	74.40	74.29	74.30	74.03

1968

5	74.00	73.66	.....	.....	e73.20	73.12	73.36	73.54	73.77	73.74	73.76	73.72
10	73.83	73.66	.....	.....	73.12	73.18	73.34	73.48	73.76	73.80	73.90	73.63
15	73.84	73.73	.....	.....	72.94	73.24	73.40	73.54	73.60	73.67	73.89	73.68
20	73.85	73.66	.....	.....	73.10	73.24	73.42	73.64	73.63	73.70	73.80	e73.70
25	73.64	73.66	.....	.....	73.04	73.20	73.44	73.65	73.70	73.73	73.93	e73.65
Eom	73.70	.....	.....	.....	73.11	73.31	73.45	73.70	73.66	73.82	73.86	373.60

e Estimated.

352226N0893301.2 (revised). Local number Fa:R-2 (corrected). Tennessee Division of Geology and U. S. Geological Survey. Near Braden. Drilled observation artesian well in sand of Claiborne Group, 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 42.12 below lsd, Nov. 30, 1967. Records available: 1949-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	41.60	41.27	41.56	41.33	41.11	41.31	.....	41.55	41.71	41.81	41.85	41.81
10	41.60	41.66	41.44	41.37	41.13	41.39	.....	41.55	41.72	41.82	41.80	41.65
15	41.59	41.56	41.47	41.35	41.23	41.44	.....	41.58	41.81	41.75	41.87	41.66
20	41.56	41.61	41.36	41.23	41.26	41.45	.....	41.56	41.80	41.85	41.87	41.64
25	41.54	41.53	41.31	41.08	41.27	41.53	.....	41.61	41.82	41.85	41.69	41.41
Eom	41.52	41.62	41.45	41.04	41.27	.....	41.51	41.68	41.69	41.81	41.92	41.64

1965

5	41.59	41.57	41.05	40.87	.....	40.99	41.05	41.28	41.44	41.48	41.68	.....
10	41.52	41.35	41.22	40.75	.....	41.03	41.10	41.32	41.50	41.51	41.68	.....
15	41.48	41.38	41.15	40.79	40.92	40.97	41.13	41.35	41.40	41.51	41.64	.....
20	41.42	41.28	41.32	40.91	40.96	41.00	41.19	41.36	41.50	41.53	.....	e41.75
25	e41.30	41.25	41.07	e40.80	40.98	41.03	41.20	41.40	41.37	41.56	.....	41.80
Eom	41.44	41.22	41.09	.....	40.97	41.06	41.20	41.46	41.49	41.66	.....	41.73

1966

5	41.77	.....	.....	e41.50	41.51	41.31	41.33	41.58	41.75	41.89	.....	.....
10	41.79	.....	.....	41.52	41.37	41.24	41.40	41.63	41.82	e41.90	.....	.....
15	41.70	.....	.....	41.56	41.33	41.30	41.44	41.62	41.84	e41.92	.....	.....
20	41.82	.....	.....	41.51	41.27	41.33	41.48	41.66	41.82	41.91	.....	.....
25	e41.76	.....	.....	41.45	41.20	41.33	41.54	41.72	41.86	e41.94	.....	.....
Eom	.....	.....	.....	41.50	41.28	41.36	41.60	41.73	41.87	41.89	.....	41.84

1967

5	41.86	41.80	.....	41.70	41.61	.....	41.55	41.56	41.70	e41.85	42.06	42.04
10	41.86	.....	.....	41.64	41.43	.....	41.50	41.60	41.64	41.98	42.01	41.90
15	41.86	.....	.....	41.60	41.51	.....	41.56	41.64	41.74	41.93	42.03	41.98
20	41.93	e41.80	e41.70	41.68	41.59	41.52	41.60	41.60	41.74	41.98	42.00	41.87
25	41.84	e42.00	41.64	41.64	41.50	41.58	41.48	41.64	e41.79	41.94	41.96	42.02
Eom	41.84	.....	41.70	41.70	41.51	41.50	41.52	41.66	.....	41.96	42.12	41.88

352226N0893301.2 (revised). --Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	41.94	41.58	41.65	41.18	41.10	41.00	41.21	41.40	41.59	41.66	41.74	e41.60
10	41.94	41.55	41.71	41.13	41.10	41.04	41.20	41.38	41.61	.....	41.90	e41.60
15	41.66	41.55	41.60	41.06	40.98	41.08	41.26	41.45	41.67	.....	e41.80	e41.60
20	41.70	41.57	41.51	41.07	40.99	41.08	41.30	41.53	41.55	.....	e41.75	e41.60
25	41.57	41.66	41.45	41.07	40.96	41.09	41.32	41.54	41.68	.....	e41.70	e41.60
Eom	41.72	41.59	41.50	41.07	41.00	41.16	41.37	41.59	41.65	e41.81	e41.70	41.60

e Estimated.

Franklin County

350312N0861557.1. Local number Fr:F-1. City of Huntland. Drilled unused artesian well in Fort Payne Chert, diam 6 in, depth 100 ft, cased to 70 ft. Lsd 920 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 24.55 below lsd, May 11, 1964; lowest 46.28 below lsd, Dec. 25, 1965. Records available: 1962-68.

Lowest water level for the day, from recorder graph, 1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	42.83	43.65	44.53	42.98
10	43.05	43.96	44.33	42.61
15	43.16	44.12	44.26	43.30
20	43.52	44.14	43.85	42.88
25	42.45	43.50	44.84	43.73	42.70
Eom	42.66	43.77	44.01	43.22	42.38

1963												
5	.....	40.46	38.17	30.59	35.31	35.97	37.67	35.94	38.42	41.94	42.93	44.16
10	.....	39.23	37.69	31.03	35.05	36.08	38.15	35.65	39.20	42.13	43.14	44.34
15	41.42	39.32	36.10	32.18	35.43	36.63	38.27	35.80	40.10	42.46	43.81	44.77
20	41.00	38.70	33.20	32.94	35.85	36.99	37.90	36.17	40.34	42.46	43.68	43.20
25	41.27	38.57	31.76	34.00	36.66	37.24	37.45	36.76	41.08	42.65	43.93	43.07
Eom	40.88	38.46	30.60	34.67	36.90	37.59	36.48	37.78	41.47	42.90	43.82	43.44

1964												
5	42.83	39.70	37.53	28.76	25.45	31.68	.....	38.87	39.96	41.85	40.99	39.76
10	42.56	39.80	36.31	27.81	25.87	.....	.....	39.07	40.08	41.75	40.78	39.50
15	41.96	39.70	35.09	26.66	25.44	.....	37.62	39.47	40.75	41.50	41.08	39.61
20	41.38	39.31	33.12	25.80	26.62	.....	37.67	39.68	41.09	41.50	41.38	39.26
25	41.18	38.48	31.54	25.67	25.16	.....	37.98	40.02	41.60	41.08	40.68	38.10
Eom	40.56	38.23	29.36	25.62	29.99	.....	38.70	39.91	41.60	41.04	40.68	38.31

1965												
5	38.02	37.03	34.70	32.56	32.88	38.44	40.61	e42.30	.....	e44.37	45.39	e45.80
10	37.72	36.96	35.49	30.78	33.68	39.01	41.04	.....	.....	.....	45.33	e46.10
15	37.12	36.98	35.64	29.89	.....	38.88	.....	.....	.....	.....	e45.60	.....
20	36.74	35.70	36.06	30.44	.....	39.32	.....	.....	.....	.....	.....	.....
25	36.24	e35.10	35.62	30.87	.....	39.66	.....	.....	.....	.....	.....	e46.28
Eom	e36.36	34.97	34.68	32.16	.....	40.23	.....	.....	.....	e45.30	.....	e46.20

1966												
5	45.85	45.22	41.97	41.56	42.16	.....	42.39	43.49	44.24	45.44	45.72	45.20
10	45.75	44.74	42.25	.....	41.27	40.63	42.77	43.46	44.59	45.41	45.48	44.98
15	45.40	44.70	.....	.....	40.94	41.00	42.84	43.66	44.58	45.51	45.54	44.94
20	.....	43.76	.....	.....	.....	41.50	43.01	43.82	44.67	45.62	45.29	45.00
25	45.48	.....	.....	.....	.....	41.91	43.42	43.95	44.99	45.34	45.25	44.67
Eom	e45.55	.....	41.08	.....	.....	42.05	43.72	44.18	44.97	45.27	44.83	44.54

1967												
5	44.52	43.59	41.54	40.87	41.86	38.73	39.78	.....	37.64	37.92	39.43	38.63
10	44.50	.....	41.53	40.87	41.75	37.96	39.75	.....	37.48	37.80	39.10	37.47
15	.....	43.36	40.72	40.88	41.07	38.03	39.46	.....	37.35	38.43	38.92	37.65
20	.....	42.85	40.40	40.94	40.84	38.45	38.90	.....	37.19	39.13	38.89	.....
25	.....	42.76	40.44	41.20	40.73	38.96	37.59	37.90	37.33	39.19	39.02	35.74
Eom	43.80	42.08	40.82	41.75	39.67	39.37	.....	37.83	37.69	39.25	39.02	33.78

1968												
5	33.06	31.06	35.82	36.51	36.42	37.20	39.57	41.87	42.93	44.01	44.74	45.56
10	32.58	31.56	36.16	36.22	37.13	37.12	40.00	41.90	42.93	44.17	44.95	45.85
15	31.22	32.74	37.36	35.68	37.29	37.60	40.58	42.27	43.15	44.35	45.22	45.78
20	30.01	33.42	37.19	35.40	37.69	37.94	40.82	42.56	43.48	44.48	45.51	45.69
25	29.54	34.32	37.59	35.63	37.48	38.36	41.18	42.64	43.47	44.72	45.52	45.59
Eom	30.24	35.12	36.75	36.07	37.46	39.14	41.53	42.74	43.94	45.02	45.73	45.57

e Estimated.

Greene County

361402N0830354.1. Local number Gr:J-2. Mrs. John Phillips. Near Bulls Gap. Drilled unused well in Sevier Shale, Middle Ordovician, diam 5 in, depth 76 ft. Lsd 1,230 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 34.30 below lsd, Apr. 1-2, 1965; lowest 46.12 below lsd, Jan. 4, 1966. Records available: 1964-66. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	45.7	44.8	43.8
10	45.7	45.3	43.4
15	45.7	45.3	42.8
20	45.2	45.3	42.0
25	45.6	45.0	45.0	40.9
Eom	45.9	44.8	44.5	40.4

361402N0830354.1. --Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	39.8	38.2	37.1	34.7	38.8	42.2	43.6	44.0	44.7	45.2	45.8
10	39.2	38.3	36.4	35.0	39.5	42.5	43.8	43.9	44.8	45.4	45.8
15	38.3	37.4	35.7	35.4	40.3	42.7	43.7	44.0	45.0	45.4	45.8
20	38.3	36.8	36.6	36.4	40.9	43.0	43.8	44.2	45.1	45.5	46.0
25	37.9	37.0	36.4	37.1	41.3	43.2	43.9	44.3	45.1	45.7	45.8
Eom	37.3	37.5	35.0	38.0	41.8	43.4	e43.9	44.5	45.0	45.6	45.9
1966											
5	46.0	43.3	37.8	40.9	37.4	....	....	....	....	....	....
10	45.7	42.2	37.5	41.2	e36.0	....	....	....	....	....	....
15	45.4	40.6	38.2	41.4	....	....	....	....	....	....	....
20	45.0	38.5	39.0	41.2	....	....	....	....	....	....	....
25	44.4	37.7	39.7	41.0	....	....	....	....	....	....	....
Eom	43.9	37.8	40.0	40.8	....	....	....	....	....	....	....

e Estimated.

Hardin County

350820N0882123.1. Local number Hd:K-5. National Park Service. Shiloh Military Park. Dug unused water-table well in Coffee Sand, Cretaceous, diam 30 in, depth 51 ft. Lsd \$75 ft above msl. MP top of concrete tile, 1.00 ft above lsd. Highest water level 45.04 below lsd, June 26, 1965; lowest 48.60 below lsd, Apr. 15, 1937. Records available: 1964-68.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	....	....	....	....	....	....	....	....	....	....	47.63
10	....	....	....	....	....	....	....	....	....	....	47.37
15	....	....	....	....	....	....	....	....	....	....	47.43
20	....	....	....	....	....	....	....	....	....	....	47.49
25	....	....	....	....	....	....	....	....	....	....	47.52
Eom	....	....	....	....	....	....	....	....	....	....	47.58
1965											
5	47.85	48.17	47.94	47.13	45.61	45.12	45.32	45.64	45.97	46.25	46.65
10	....	48.12	47.93	46.99	45.40	45.12	45.34	45.67	46.02	46.31	46.69
15	....	48.11	47.88	46.77	45.27	45.13	45.44	45.73	45.98	46.41	46.74
20	....	48.07	47.81	46.49	45.17	45.19	45.49	45.77	46.07	46.43	46.80
25	....	48.07	47.67	46.15	45.10	45.24	45.53	45.83	46.13	46.52	46.86
Eom	48.19	47.99	47.27	45.87	45.08	45.29	45.57	45.90	46.17	46.59	46.95
1966											
5	47.33	47.64	47.87	48.08	48.23	48.29	48.24	48.16	48.19	48.22	48.29
10	47.41	47.89	47.90	48.10	48.25	48.29	48.23	48.16	48.18	48.24	48.30
15	47.45	47.74	47.94	48.13	48.25	48.29	48.21	48.16	48.18	48.25	48.31
20	47.50	47.78	47.97	48.18	48.26	48.28	48.20	48.16	48.19	48.26	48.32
25	47.55	47.80	48.00	48.18	48.28	48.27	48.20	48.17	48.20	48.27	48.32
Eom	47.59	47.85	48.04	48.21	48.29	48.27	48.17	48.17	48.21	48.28	48.33
1967											
5	48.38	48.41	48.41	....	48.32	48.15	47.98	47.82	47.82	47.87	47.97
10	48.38	48.42	48.45	e48.45	48.25	48.12	47.94	47.82	47.82	47.88	48.00
15	48.40	48.48	....	48.60	48.26	48.08	47.91	47.84	47.83	47.90	48.02
20	48.39	48.46	....	....	48.23	48.04	47.89	47.83	47.83	47.91	48.04
25	48.40	48.47	....	....	48.21	48.01	47.86	47.82	47.84	47.92	48.05
Eom	48.41	48.48	....	....	48.18	47.98	47.84	47.82	47.85	47.93	48.08
1968											
5	h48.12	....	47.66	47.44	46.91	46.33	46.31	46.54	46.81	....	47.40
10	....	47.86	47.65	47.37	46.77	46.28	46.32	46.57	46.85	47.16	46.47
15	....	47.82	47.59	47.36	46.64	46.27	46.37	46.63	46.89	47.20	46.50
20	....	47.79	47.55	47.27	46.54	46.27	46.40	46.69	....	47.24	46.57
25	....	47.76	47.48	47.19	46.45	46.26	46.44	46.70	....	47.24	46.62
Eom	....	47.75	47.49	47.04	46.38	46.30	46.50	46.79	....	47.36	46.67

e Estimated.

h Tape measurement.

Henderson County

353821N0882339.1. Local number He:J-5. City of Lexington. Drilled unused artesian well in Coffee Sand, Cretaceous, diam 8 to 6 in, depth 491 ft, cased to 412, screened 412-433 and 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 79.91 below lsd, Nov. 13, 1968. Records available: 1957-68.

Lowest water level for the day, from recorder graph, 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	79.20	79.05	78.87	78.65	....	78.59	78.72	78.75	78.78	78.82	78.92
10	79.13	79.05	78.77	78.69	....	78.65	78.68	78.75	78.81	78.86	78.88
15	79.11	78.97	78.79	....	78.56	78.62	78.62	78.73	78.82	78.84	78.96
20	79.05	78.97	78.73	....	78.60	78.64	78.64	78.66	78.88	78.93	78.91
25	79.04	78.95	78.80	....	78.64	78.70	78.62	78.75	78.95	78.96	78.76
Eom	79.09	79.00	78.85	....	78.63	78.78	78.73	78.72	78.72	78.92	78.89

353821N0882339.1.--Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	78.66	78.74	78.38	78.32	78.52	78.65	78.76	79.07	79.18	79.26	79.56	79.45
10	78.58	78.58	78.49	78.34	78.56	78.66	78.82	79.03	79.17	79.24	79.51	79.52
15	78.59	78.57	78.48	78.38	78.59	78.63	78.86	79.05	79.10	79.30	79.52	79.41
20	78.63	78.56	78.56	78.38	78.62	78.72	78.94	79.04	79.20	79.30	79.51	79.41
25	78.56	78.44	78.47	78.38	78.62	78.77	78.92	e79.12	79.20	79.40	79.41	79.48
Eom	78.65	78.49	78.40	78.52	78.62	78.85	78.95	79.14	79.17	79.52	79.53	79.50
1966												
5	79.45	.....	79.18	79.29	79.24	79.28	79.32	79.57	79.68	79.73	.....	.....
10	79.45	.....	79.30	79.34	79.26	79.18	79.33	79.58	79.74	79.70	.....	.....
15	79.39	.....	79.22	79.34	79.21	79.24	79.41	79.60	79.68	79.73	.....	.....
20	.....	79.32	79.28	79.32	79.14	79.35	79.42	79.60	79.68	h79.74	.....	.....
25	.....	79.25	79.32	79.32	79.11	79.43	79.53	79.69	79.72	.....	.....	e79.60
Eom	.....	79.25	79.22	79.23	79.25	79.43	79.52	79.69	79.68	.....	e79.70	.....
1967												
5	.....	79.50	79.45	79.48	79.46	.....	79.20	79.37	79.84	79.79	79.78	79.66
10	.....	79.49	79.41	79.49	79.43	.....	79.23	.....	79.80	79.75	79.76	79.48
15	.....	79.53	79.39	79.48	79.25	.....	79.35	.....	79.82	79.82	79.75	79.61
20	e79.60	79.53	79.49	79.51	79.35	.....	79.31	h79.70	79.83	79.73	79.76	79.51
25	79.57	79.66	79.44	79.51	.....	h79.40	79.30	79.73	79.74	79.67	79.69	79.44
Eom	79.51	79.51	79.49	79.43	.....	79.33	79.37	79.80	79.73	79.67	79.75	79.50
1968												
5	79.49	79.33	79.38	79.12	78.98	79.19	79.48	79.66	79.87	.....	79.81	79.55
10	79.36	79.30	79.29	79.14	79.02	79.24	79.50	79.68	79.80	.....	79.82	79.63
15	79.36	79.35	79.34	79.14	78.99	79.33	79.54	79.78	79.78	.....	79.86	79.61
20	79.40	79.35	79.23	79.14	79.06	79.33	79.51	79.82	79.90	.....	79.89	79.58
25	79.33	79.37	79.16	78.76	79.10	79.33	79.59	79.84	79.74	e79.84	79.85	79.58
Eom	79.38	79.32	79.15	78.81	79.15	79.41	79.63	79.83	79.73	79.87	79.62	79.60

e Estimated.

h Tape measurement.

Houston County

361930N0874223.1. Local number Hu:G-5. O. S. Luton. Near Erin. Drilled unused water-table well in Fort Payne Chert, diam 6 in, depth 240 ft. Lsd 650 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 112.42 below lsd, Apr. 4, 6, 1968; lowest 128.36 below lsd, Dec. 12, 1966. Records available: 1963-68.

Lowest water level for the day, from recorder graph, 1963												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	119.30	120.86	121.58	123.58	125.00	.....	125.38	126.48	127.52
10	.....	.....	.....	119.55	120.55	121.93	123.94	125.16	124.52	125.54	126.70	127.67
15	.....	.....	122.15	119.90	120.43	122.26	124.08	.....	.....	125.75	126.90	127.79
20	.....	.....	120.28	120.32	120.60	122.70	124.32	.....	.....	125.91	127.06	127.84
25	.....	.....	119.80	120.78	120.81	123.00	124.60	.....	.....	126.13	127.17	127.92
Eom	.....	.....	119.29	121.04	121.26	123.36	124.81	.....	.....	126.36	127.40	128.18
1964												
5	128.24	124.72	121.08	117.21	.....	.....	121.58	e124.24	125.49	126.75	127.72	127.48
10	128.07	124.28	120.66	117.42	.....	.....	122.04	e124.40	125.70	126.90	127.80	.....
15	127.12	123.52	117.23	117.37	116.70	119.60	122.61	e124.55	125.94	126.99	128.03	.....
20	126.52	122.86	116.56	117.14	117.03	120.12	122.92	124.72	126.14	127.22	128.21	124.46
25	126.15	122.08	116.40	117.35	117.57	120.59	123.35	124.96	126.36	127.36	128.14	123.79
Eom	125.16	122.00	116.62	117.31	.....	121.06	e123.80	125.24	126.48	127.60	128.34	122.92
1965												
5	.....	.....	.....	e113.70	114.31	118.56	120.93	123.00	.....	125.57	126.66	127.52
10	.....	.....	.....	.....	115.14	119.00	121.34	.....	124.67	125.76	126.80	127.59
15	.....	.....	115.29	112.78	116.08	119.42	121.72	.....	124.81	125.93	126.87	127.72
20	.....	117.88	115.35	112.89	116.82	119.84	122.01	.....	125.09	126.21	127.04	127.78
25	.....	117.74	115.26	113.02	117.40	120.22	122.54	.....	125.22	126.32	127.14	127.97
Eom	.....	117.33	.....	113.58	118.06	120.65	122.66	.....	125.41	126.49	127.37	127.98
1966												
5	127.69	126.62	.....	127.01	.....	.....	121.53	123.90	.....	.....	127.69	128.10
10	126.98	.....	.....	127.33	.....	119.61	122.04	124.61	.....	.....	127.75	128.36
15	126.52	.....	.....	127.56	119.67	119.95	122.47	e125.15	.....	.....	127.78	127.28
20	126.50	.....	126.08	127.62	.....	120.36	122.82	.....	.....	.....	127.90	127.07
25	126.57	.....	126.32	.....	.....	120.79	123.23	.....	.....	e127.25	127.97	127.09
Eom	126.58	.....	126.54	.....	.....	121.10	123.62	.....	.....	127.60	128.03	126.56
1967												
5	125.83	124.31	122.82	120.76	122.79	120.55	122.97	124.09	124.30	125.66	127.01	127.63
10	125.49	123.78	120.90	121.08	e122.40	120.88	122.94	124.10	124.48	125.91	127.13	127.24
15	125.35	123.81	119.78	121.35	121.44	121.28	123.07	123.76	124.75	126.11	127.34	126.10
20	125.30	123.79	119.75	121.84	120.48	121.76	123.38	123.70	124.99	126.38	127.44	125.26
25	125.44	123.90	119.94	122.27	120.07	122.20	123.56	123.84	125.20	126.53	127.64	123.92
Eom	124.93	123.52	120.30	122.74	120.30	122.59	123.84	124.10	125.44	126.79	127.85	123.25
1968												
5	123.02	117.52	119.63	113.74	114.64	115.17	118.41	120.83	122.77	124.26	125.32	124.63
10	122.24	116.91	120.29	112.90	115.45	115.47	118.84	121.08	123.03	124.46	125.04	124.15
15	121.34	117.32	120.07	112.58	116.07	116.02	119.24	121.37	123.28	124.61	125.11	124.06
20	120.58	117.93	119.27	112.77	.....	116.74	119.69	121.78	123.59	124.84	125.43	123.93
25	119.22	120.69	.....	113.16	.....	117.30	120.07	122.13	123.80	124.96	125.58	123.62
Eom	118.45	119.23	115.29	113.76	115.24	117.91	120.43	122.45	124.07	125.24	125.27	122.80

e Estimated.

Humphreys County

360020N0875733.1. Local number Hs:H-1. A. M. Powers. Near New Johnsonville. Drilled unosed artesian well in Camden Chert, Early Devonian, diam 8 in, depth 187 ft, cased to 187 ft. Lsd 470 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 86.13 below lsd, Apr. 8, 1965; lowest 90.20 below lsd, Nov. 25, 1968. Records available: 1962-68.

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

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	87.02	87.26	87.68	87.06	87.34	87.61	87.71	87.73	87.88	87.79
10	87.32	87.45	86.66	87.13	87.45	87.72	87.77	87.83	87.86	87.90
15	87.78	87.24	86.80	86.77	87.12	87.55	87.77	87.73	87.76	87.84	87.82
20	87.86	87.35	87.35	86.83	87.18	87.60	87.82	87.78	87.73	87.82	87.83
25	87.25	87.03	87.42	86.95	87.23	87.57	87.83	87.74	87.85	87.88	.....
Eom	87.18	87.37	87.30	87.07	87.30	87.62	87.82	87.73	87.76	87.81	87.81

1963

5	87.83	87.83	87.34	87.32	87.35	87.44	87.58	87.83	87.86	87.97	87.98	87.96
10	87.77	87.81	87.45	87.36	87.31	87.54	87.66	87.85	87.92	88.01	87.96	88.02
15	87.94	87.79	87.32	87.44	87.37	87.63	87.62	87.89	87.93	88.02	88.09	88.02
20	87.85	87.63	87.07	87.48	87.53	87.51	87.64	87.92	87.91	88.06	88.00	87.92
25	87.95	87.69	87.11	87.56	87.54	87.61	87.76	87.94	88.01	87.97	87.95	87.91
Eom	87.87	87.69	87.22	87.42	87.38	87.56	87.76	87.81	87.91	88.00	87.94	88.08

1964

5	87.98	87.51	87.05	87.34	87.06	.....	.....	.....	88.06	88.16	.....	.....
10	87.72	87.61	86.82	87.37	87.19	.....	.....	.....	88.08	88.13	.....	.....
15	87.70	87.46	86.92	87.32	87.12	.....	.....	.....	88.03	88.19	.....	.....
20	87.72	87.34	86.81	87.32	87.23	87.76	87.93	87.93	88.14	87.95	.....	.....
25	87.65	87.28	86.82	87.23	87.35	.....	87.97	88.15	88.14	87.76	.....	.....
Eom	87.60	87.38	87.28	87.19	87.45	.....	.....	88.00	87.97	88.13	87.88	.....

1965

5	.....	87.31	86.57	86.28	.....	.....	.....	87.70	87.91	88.03	88.12	88.04
10	.....	87.16	86.81	.....	.....	.....	.....	87.73	87.91	88.04	.....	88.13
15	.....	86.89	86.89	.....	e87.90	.....	.....	87.76	87.83	88.08	.....	88.05
20	87.09	86.95	86.97	.....	.....	.....	.....	87.83	87.92	88.06	.....	88.04
25	87.11	86.90	86.85	.....	.....	e88.35	.....	87.92	87.93	88.17	88.04	88.15
Eom	87.23	86.80	86.41	.....	.....	.....	e87.62	87.89	87.94	88.12	88.12	88.09

1966

5	88.00	87.98	87.56	87.65	87.04	87.34	87.67	87.98	88.08	88.09	88.10	88.09
10	87.96	87.69	87.50	87.67	87.21	87.38	87.74	87.99	88.12	88.07	88.00	87.88
15	87.89	87.54	87.53	87.65	87.22	87.45	87.81	87.87	88.11	88.11	88.03	87.79
20	87.98	87.66	87.53	87.64	87.06	87.58	87.82	87.87	88.06	88.11	88.02	87.76
25	87.98	87.62	87.56	87.48	87.11	87.63	87.93	87.98	88.13	88.10	88.01	87.87
Eom	88.00	87.65	87.54	87.36	87.33	87.65	87.96	88.01	88.04	88.09	88.06	e87.65

1967

5	.....	.....	e87.40	87.52	.....	.....	.....	.....	88.06	h87.93	87.46	.....
10	.....	87.59	.....	87.57	.....	.....	e87.63	.....	88.07	87.91	87.36	.....
15	.....	87.67	.....	e87.55	e86.80	e87.57	e87.60	.....	88.09	87.87	87.39	.....
20	.....	87.68	.....	.....	.....	.....	h87.66	.....	h87.98	88.06	87.87	87.25
25	.....	e87.70	.....	.....	.....	.....	.....	.....	88.03	87.92	87.83	87.04
Eom	.....	e87.80	.....	e87.35	.....	.....	.....	.....	88.05	87.88	87.84	87.13

1968

5	87.07	.....	87.13	86.44	86.72	86.75	87.22	87.56	87.85	87.88	87.67	89.85
10	86.90	86.94	87.15	86.37	86.70	86.82	87.24	87.55	87.82	87.73	89.26	89.95
15	.....	86.94	87.05	86.46	86.69	86.94	87.33	87.63	87.84	87.77	89.91	89.94
20	.....	87.05	86.93	86.51	86.60	86.98	87.39	87.76	87.78	87.65	90.17	89.95
25	.....	87.02	86.61	86.59	86.69	87.02	87.44	87.80	87.79	87.70	90.20	89.84
Eom	.....	87.18	86.72	86.61	86.73	87.13	87.47	87.82	87.91	87.74	89.74	89.77

e Estimated.

h Tape measurement.

Lauderdale County

353839N0894935.1. Local number Ld:P-4. Tennessee Division of Geology and U. S. Geological Survey. Near Fort Pillow. Drilled observation artesian well in sand of Claiborne Group, diam 8 to 6 to 3 in, depth 879, cased to 869, screened 869-879. Lsd 437.05 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 191.92 below lsd, June 4, 1968; lowest 196.38 below lsd, Dec. 3, 1966. Records available: 1966-68.

Lowest water level for the day, from recorder graph, 1966

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	193.22	.....	.....	.....	.....	195.85	196.28	196.26
10	192.78	.....	.....	.....	.....	195.90	196.13	196.11
15	194.62	192.98	e194.19	.....	.....	196.05	196.18	195.82
20	194.38	193.29	.....	.....	.....	196.14	196.05	195.14
25	194.02	.....	.....	.....	.....	195.65	196.12	196.13
Eom	193.63	.....	.....	.....	.....	195.72	196.13	195.41

1967

5	195.59	195.55	195.23	194.55	194.25	194.50	194.00	194.37	195.10	195.41	195.54	195.39
10	195.75	195.30	195.15	194.52	194.19	194.52	193.78	194.42	195.11	195.49	195.24	194.75
15	195.83	195.32	194.05	194.68	193.53	194.65	193.89	194.54	195.18	195.50	195.32	194.84
20	195.92	195.49	193.62	194.69	192.67	194.54	194.13	194.70	195.21	195.45	195.43	194.55
25	195.91	195.66	193.56	194.59	192.82	194.25	194.40	194.88	195.29	195.43	195.47	195.00
Eom	195.80	195.45	194.04	194.43	193.76	194.07	194.44	195.01	195.34	195.45	195.58	194.82

353839N0894935.1.--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	194.50	194.17	194.80	192.66	193.77	.....	.....	.....	195.30	195.73	195.95	195.55
10	194.60	193.41	194.80	192.50	193.80	.....	.....	.....	195.45	195.74	195.98	195.60
15	194.50	193.66	194.81	192.75	193.59	.....	.....	.....	195.55	195.83	196.03	195.66
20	194.24	194.04	194.31	193.46	193.23	.....	.....	.....	195.50	195.87	196.15	195.81
25	194.54	194.46	193.25	193.59	193.30	.....	.....	.....	195.57	195.88	196.02	195.89
Eom	194.62	194.64	192.88	193.67	192.55	.....	.....	h195.04	195.71	195.95	195.98	195.70
h Tape measurement.												

h Tape measurement.

Lawrence County

352611N0871845.1. Local number Ln:R-14. City of Summertown. Drilled unused artesian well in Fort Payne Chert, diam 6 in, depth 136 ft, cased to 116, screened 116-136. Lsd 1,014.9 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 26.84 below lsd, Apr. 6, 1964; lowest 44.51 below lsd, Nov. 9, 1966. Records available: 1964-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	33.23	28.64	.....	34.12	40.40	40.83	40.42	40.83	41.11	e35.50
10	.....	.....	.....	29.38	30.74	.....	40.57	e40.97	40.81	40.90	41.27	36.35
15	.....	36.74	.....	32.70	33.39	.....	39.92	40.87	41.19	40.68	41.41	34.32
20	.....	34.74	.....	.....	33.94	.....	39.92	40.58	40.85	40.20	.....	34.64
25	.....	35.36	.....	.....	36.82	.....	40.16	40.59	41.62	40.42	.....	33.97
Eom	.....	35.48	33.60	.....	37.51	.....	40.52	40.17	41.24	40.77	37.34	33.90
1965												
5	34.20	37.43	33.97	30.36	36.27	39.25	39.89	41.52	42.81	42.18	43.05	42.72
10	33.80	36.71	34.30	30.86	37.15	39.47	40.12	41.47	43.07	42.16	43.22	42.99
15	33.11	34.38	34.91	33.20	37.64	39.52	40.36	41.62	42.52	42.27	43.29	42.77
20	34.49	35.31	.....	34.69	e38.00	39.22	40.62	42.46	42.80	42.30	43.23	43.00
25	35.23	35.24	.....	35.57	39.72	39.80	40.79	42.38	42.64	42.67	43.05	43.02
Eom	36.19	34.20	30.60	35.66	38.88	40.03	41.03	43.40	42.70	42.68	43.05	42.91
1966												
5	41.9	41.1	36.9	39.2	36.5	.....	40.2	41.7	42.0	42.9	42.8	43.1
10	41.5	40.6	37.4	40.1	37.5	38.4	40.4	41.9	42.3	42.8	44.1	41.6
15	41.1	38.0	37.4	39.9	37.6	38.9	41.0	41.9	42.5	42.9	42.7	41.1
20	41.5	38.0	38.7	40.1	36.4	39.4	41.0	41.4	42.6	42.9	42.6	41.3
25	41.3	38.2	38.5	40.4	....	39.8	41.5	41.7	42.4	42.8	42.7	41.3
Eom	41.6	38.2	38.9	e39.0	....	40.1	41.8	41.9	42.7	42.8	43.0	39.0
1967												
5	39.47	38.09	37.29	38.47	38.37	37.66	e39.50	36.82	37.70	39.63	40.40	37.65
10	39.30	38.50	35.16	38.67	38.50	38.09	37.17	36.62	37.96	40.58	40.48	37.56
15	38.73	38.81	36.12	39.17	35.52	38.76	36.92	37.17	38.61	39.90	40.78	36.30
20	39.02	38.63	36.76	39.34	35.57	39.11	37.67	37.22	38.84	40.35	40.87	.....
25	39.25	38.05	37.28	39.71	36.48	39.22	36.82	37.81	39.00	40.43	40.00	.....
Eom	38.17	37.65	38.25	38.96	36.94	e39.50	36.48	37.22	39.35	40.46	39.50	.....
1968												
5	.....	33.06	37.47	33.09	35.61	36.83	39.63	41.22	42.45	43.06	43.54	43.18
10	.....	33.73	37.92	32.41	36.41	37.45	39.84	41.48	42.58	42.79	43.64	43.19
15	.....	34.75	36.42	33.43	36.65	38.44	40.41	41.31	42.96	42.57	43.84	43.18
20	.....	35.53	36.61	34.42	34.69	38.47	40.78	41.67	42.81	42.68	43.90	43.51
25	.....	36.38	33.96	36.02	35.50	38.62	40.76	41.92	42.77	42.87	43.99	42.34
Eom	34.33	36.93	33.56	35.59	36.18	39.15	41.05	42.31	43.02	43.59	43.39	41.60
e Estimated.												

e Estimated.

Madison County

353726N0884836.1. Local number Md:G-45. Piggly Wiggly Company. Jackson. Drilled unused artesian well in sand of Wilcox Group, 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 73.73 below lsd, Sept. 22, 1967. Records available: 1958-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	68.03	68.15	68.37	68.38	.....	.....	69.17	70.07	70.58	70.47	69.99	70.30
10	68.11	68.42	68.46	68.47	.....	.....	69.33	70.20	70.60	70.39	69.90	70.05
15	68.06	68.29	68.42	68.63	68.49	.....	69.49	70.33	70.59	70.28	69.89	70.21
20	68.18	68.30	68.45	68.64	68.54	69.12	69.45	70.38	70.68	70.22	70.45	70.30
25	68.14	68.22	68.45	.....	68.73	69.22	69.49	70.34	70.69	70.06	70.60	70.29
Eom	68.21	68.28	68.40	.....	.....	69.26	69.86	70.44	70.40	70.07	70.50	70.19
1965												
5	70.03	69.84	69.57	69.23	68.92	.....	e69.65	.....	.....	.....	.....	69.26
10	70.17	69.81	69.58	69.15	68.97	69.53	.....	.....	.....	.....	.....	69.23
15	70.03	69.82	69.53	69.22	69.19	69.60	.....	.....	.....	.....	e69.25	69.16
20	70.05	69.68	69.51	69.13	69.55	69.61	.....	.....	.....	.....	69.28	69.08
25	69.93	69.82	69.37	69.02	69.44	69.73	.....	e70.15	.....	e69.55	69.36	69.15
Eom	69.90	69.55	69.31	68.96	69.82	69.80	.....	.....	.....	e69.50	69.34	68.97

353726N0884836.1. --Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	68.94	68.92	68.95	69.02	.....	.....	70.92	e71.65	71.99	.....	72.10	e71.50
10	69.16	68.95	68.88	69.08	.....	70.50	71.07	.....	e72.05	.....	71.93	.....
15	68.98	68.96	68.86	e69.12	.....	70.50	71.16	.....	.....	e72.00	71.75	.....
20	68.94	68.97	68.88	.....	.....	70.57	71.26	e71.70	72.13	e71.95	71.67	.....
25	69.03	68.87	68.90	.....	.....	70.64	71.34	71.87	71.96	.....	71.62	e71.35
Eom	68.90	68.98	68.87	.....	.....	70.74	71.51	71.89	.....	.....	71.61	71.44

1967												
5	71.46	71.51	.....	.....	71.80	72.43	72.71	73.23	73.44	73.63	72.88	72.89
10	71.50	71.55	.....	.....	71.90	72.65	72.62	73.34	73.58	73.55	72.89	72.83
15	71.53	71.63	e71.70	.....	72.31	72.57	72.82	73.37	73.64	73.44	72.79	72.93
20	e71.46	71.59	71.56	.....	72.44	72.50	72.85	73.41	73.72	73.17	72.62	72.78
25	71.45	71.66	71.67	71.70	72.40	h72.47	73.02	73.47	73.70	72.99	72.63	72.81
Eom	71.47	e71.50	e71.65	71.69	72.64	72.52	73.10	73.58	73.66	72.85	72.62	72.77

1968												
5	72.72	72.17	72.05	72.17	71.98	72.95	72.13	72.78	72.97	72.41	72.29	.....
10	72.62	72.13	72.15	72.03	71.86	72.69	72.30	72.92	73.02	72.42	72.26	.....
15	72.67	72.11	72.12	72.06	71.98	72.45	72.41	73.00	72.85	72.38	72.22	.....
20	72.23	72.15	72.06	72.00	72.41	72.49	72.48	72.98	72.73	72.33	72.30	72.32
25	72.24	72.15	72.05	71.99	72.66	72.33	72.30	73.07	72.54	72.49	.....	.....
Eom	72.21	72.22	72.10	71.89	72.85	72.24	72.48	73.02	72.48	72.36	.....	.....

e Estimated.

h Tape measurement.

354226N0883747.1. Local number Md:N-1. Tennessee Division of Geology and U.S. Geol. Survey. Near Claybrook. Drilled observation artesian well in McNairy Sand Member of Ripley Formation, diam 6 to 4 in, 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: 1949-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	128.97	128.80	128.74	128.53	128.44	128.67	128.91	128.99	128.87	128.88	128.94	128.75
10	128.87	128.83	128.57	128.60	128.48	128.77	128.89	128.89	128.90	128.90	128.91	128.68
15	128.85	128.77	128.62	128.60	128.50	128.67	128.88	128.88	128.90	128.87	128.96	128.63
20	128.84	128.77	128.51	128.55	128.57	128.76	128.86	128.75	128.95	128.93	128.90	128.59
25	128.79	128.76	128.62	128.43	128.63	128.85	128.84	128.83	129.01	128.95	128.77	128.39
Eom	128.86	128.80	128.68	128.42	128.64	128.90	128.93	128.81	128.81	128.91	128.90	128.56

1965												
5	128.51	128.48	128.01	127.89	127.97	127.98	127.96	128.28	128.48	128.47	128.65	128.51
10	128.41	128.28	128.12	127.86	128.01	127.94	127.97	128.18	128.47	128.43	128.59	128.61
15	128.38	128.26	128.11	127.83	128.00	127.76	128.04	128.26	128.30	128.49	128.60	128.46
20	128.41	128.25	128.20	127.91	128.03	127.89	128.10	128.30	128.41	128.49	128.57	128.47
25	128.31	128.15	128.07	127.89	128.02	127.93	128.15	128.39	128.41	128.58	128.47	128.55
Eom	128.38	128.12	127.99	128.00	127.98	128.01	128.19	128.43	128.37	128.66	128.58	128.54

1966												
5	128.49	128.41	e128.15	128.19	128.20	128.26	128.38	128.66	128.78	e128.92	e128.98	128.96
10	128.47	128.27	128.23	128.24	128.23	128.23	128.46	128.67	128.86	128.93	128.89	128.84
15	128.38	128.22	128.17	128.28	128.15	128.26	128.52	128.62	128.85	e128.90	128.98	128.83
20	128.43	128.27	128.22	128.27	128.07	128.37	128.55	128.68	128.83	128.97	e128.96	128.75
25	128.37	128.19	128.21	128.23	128.10	128.45	128.66	128.73	128.89	128.96	e128.93	128.80
Eom	128.38	128.12	128.10	128.22	128.26	128.42	128.65	128.77	128.86	128.96	128.93	e128.70

1967												
5	128.72	128.56	128.51	128.58	128.58	128.41	128.61	128.63	128.87	128.93	128.92	.....
10	128.68	128.55	128.44	128.59	128.52	128.43	128.47	128.63	128.82	129.02	128.91	e128.77
15	128.74	128.59	128.58	128.56	128.36	128.53	128.55	.....	128.86	128.99	128.88	.....
20	e128.73	128.61	128.57	128.60	128.30	128.60	128.67	128.74	128.88	128.87	128.88	128.60
25	128.69	128.72	128.56	128.64	128.35	128.68	128.59	128.75	128.88	128.85	.....	128.61
Eom	128.59	128.57	128.60	128.56	128.36	128.60	128.61	128.82	128.92	128.83	e128.77	128.61

1968												
5	.....	128.35	128.41	128.03	128.09	128.10	128.33	128.48	128.66	.....	.....	.....
10	.....	128.31	128.30	128.03	128.07	128.15	128.41	128.47	128.70	.....	.....	.....
15	h128.51	128.39	128.34	127.99	127.98	128.24	.....	128.48	128.72	.....	128.62	.....
20	128.49	128.32	128.26	127.96	127.95	128.25	.....	128.53	128.54	.....	128.65	128.27
25	128.41	128.35	128.15	128.03	127.97	128.23	128.44	128.60	.....	128.65	128.63	128.25
Eom	128.42	128.35	128.14	128.01	128.04	128.25	128.44	128.66	.....	.....	128.38	128.23

Morgan County

355949N0843620.1. Local number Mg:B-1. Leon Mitchell. Near Oakdale. Drilled unused well in rocks of Pennsylvanian age, diam 6 in, depth 103 ft, cased to 30. Lsd 1,110 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 44.40 below lsd, Jan. 14, 1968; lowest 47.90 below lsd, Nov. 22, 1964. Records available: 1964-68.

Lowest water level for the day, from recorder graph 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	47.6	47.6	47.4
10	47.6	47.5	47.5
15	47.3	47.7	47.4
20	47.6	47.4	47.2
25	47.6	47.6	47.2	46.8
Eom	47.5	47.5	47.5	47.0

355949N0843620.1. --Continued.

1965											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	46.8	....	46.4	e45.92	46.58	46.85	46.57	46.62	46.85	....	47.0 46.8
10	46.6	46.9	46.6	e45.75	46.66	46.83	46.56	46.52	e46.8	....	46.8 47.1
15	46.6	47.0	46.5	45.80	46.76	46.64	46.49	46.58	46.9	46.9	46.9 46.8
20	46.7	46.7	46.80	46.23	46.77	46.65	46.59	46.59	e46.8	46.8	46.8 46.7
25	46.6	46.8	46.38	46.25	46.83	46.52	46.54	46.62	e46.7	47.0	46.8 47.1
Eom	46.7	46.8	46.29	46.65	46.80	46.54	46.48	46.76	e46.6	46.9	47.1 e47.0
1966											
5	47.0	47.1	46.1	46.6	46.3	46.5	46.6	46.8	46.6	46.7	46.5 46.5
10	47.0	46.7	46.4	46.8	46.1	46.3	46.8	46.9	46.8	46.5	46.3 46.2
15	46.6	46.7	46.1	46.8	46.0	46.5	46.7	46.9	46.6	46.5	e46.4 46.3
20	46.9	46.4	46.3	46.8	46.2	46.7	46.7	46.9	46.5	46.6	e46.1 45.9
25	46.8	45.9	46.5	46.5	46.2	46.7	46.9	46.8	46.7	46.4	.... 46.2
Eom	47.0	46.1	46.3	46.4	46.4	46.6	46.8	46.8	46.5	46.2	46.3 e46.3
1967											
5	46.0	45.8	45.7	45.8	46.3	46.2	46.5	45.9	46.2	46.3	45.9 45.9
10	46.2	45.8	45.8	45.9	46.3	46.1	46.2	45.9	46.2	46.3	45.7 45.3
15	46.0	46.1	45.8	46.0	46.4	46.2	45.9	46.1	46.2	46.3	45.7 45.6
20	46.2	46.2	45.8	46.2	46.2	46.2	45.9	46.0	46.2	46.3	45.7 45.4
25	46.0	46.2	45.8	46.4	46.0	46.4	45.8	46.2	46.3	45.9	45.8 44.9
Eom	45.9	46.1	46.0	46.2	46.0	46.3	45.9	46.2	46.3	45.9	45.9 45.0
1968											
5	45.2	45.9	46.4	45.8	45.7	46.0	46.3	46.7	46.6	46.7	46.5 46.7
10	44.9	45.6	46.4	45.6	45.8	45.9	46.3	46.5	46.6	46.7	46.6 46.8
15	44.8	46.0	46.8	45.3	45.8	46.1	46.5	46.7	46.7	46.7	46.8 46.7
20	45.2	46.0	46.2	45.3	45.9	46.0	46.4	46.7	46.7	46.6	46.9 46.7
25	45.2	46.4	46.1	45.4	46.0	46.1	46.5	46.6	46.5	46.6	46.8 46.8
Eom	45.7	46.3	45.7	45.5	46.0	46.3	46.6	46.6	46.8	46.8	46.9 46.9

e Estimated.

h Tape measurement.

Robertson County

363602N0864254.1. Local number Rb:M-2. City of Orlinda. Drilled unused artesian well in Fort Payne Chert, diam 10 in, depth 300 ft, cased to 20. Lsd 720 ft above msl. MP top of casing, 0.66 ft above lsd. Highest water level 0.17 below lsd, Apr. 4, 1968; lowest 25.26 below lsd, Nov. 15, 1964. Records available: 1962-68.

Lowest water level for the day, from recorder graph 1962											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	....	....	....	....	....	....	19.46	21.48	18.22	21.96	18.69
10	....	....	....	....	....	....	19.09	21.26	19.68	20.13	19.44
15	....	....	....	....	....	....	19.55	21.14	15.64	17.00	20.06
20	....	....	....	....	....	....	20.78	21.72	17.73	16.20	20.23
25	....	....	....	....	....	....	19.37	21.34	22.13	20.12	16.75 17.57
Eom	....	....	....	....	....	....	19.52	21.61	22.08	21.37	17.85 12.90
1963											
5	13.13	11.37	....	8.43	9.66	16.06	19.13	20.53	....	....	22.89 22.42
10	13.75	....	....	9.19	....	16.68	19.59	21.09	....	....	23.18 21.62
15	14.50	....	....	10.40	....	16.59	18.55	19.40	....	....	23.35 21.96
20	15.28	....	4.78	11.37	....	16.69	19.00	....	....	....	23.43 e22.15
25	15.80	....	6.79	12.23	13.84	17.67	19.87	....	....	20.74	23.07
Eom	15.58	....	7.39	13.50	15.12	18.33	20.00	....	....	22.27	22.07 21.88
1964											
5	18.80	....	....	8.79	10.93	17.18	20.60	22.20	....	23.68	24.92
10	12.80	....	....	8.05	12.19	18.25	21.14	22.26	....	24.35	25.00
15	....	12.44	....	8.16	13.36	19.24	20.90	....	....	24.79	25.26
20	....	9.70	....	9.48	14.60	20.25	20.42	e22.50	....	24.87	22.04
25	10.10	10.42	....	9.92	15.70	20.75	21.24	21.70	....	24.69	21.50
Eom	....	10.91	9.97	9.67	16.32	20.81	21.57	e22.40	23.24	25.02	.... ....
1965											
5	8.10	8.77	e5.80	....	....	11.42	e9.25	17.46	e21.85	....	.... ....
10	8.64	....	....	....	....	12.20	....	18.39	e22.20	e22.60	.... ....
15	e4.30	....	....	....	11.60	11.34	....	19.55	e22.60	....	.... e22.80
20	....	....	....	....	11.88	11.62	....	e20.23	e22.70	....	.... 22.72
25	....	e5.30	....	....	11.82	12.30	14.65	e20.75	....	....	.... 23.03
Eom	8.23	6.00	....	....	12.52	13.77	16.43	e21.35	....	....	.... 15.46
1966											
5	....	....	8.00	....	....	11.18	18.92	21.14	18.52	....	.... ....
10	....	....	8.67	....	....	9.97	19.89	21.72	20.86	....	.... ....
15	....	6.16	9.44	e9.50	....	11.49	20.32	....	21.41	....	.... ....
20	....	7.38	e9.80	....	....	12.88	21.08	....	20.86	....	.... 8.19
25	....	8.26	e10.00	....	....	15.06	21.56	....	e21.40	....	.... 9.10
Eom	....	8.85	....	....	....	17.24	21.12	16.52	....	e22.00	.... 6.95
1967											
5	7.42	7.60	6.78	9.78	6.70	10.70	17.99	....	17.93	h19.47	.... ....
10	8.12	8.68	5.08	10.90	8.05	12.38	12.20	....	18.94	....	.... h10.92
15	8.42	9.68	6.19	12.06	e2.70	14.28	13.52	h10.49	19.89	....	.... ....
20	8.91	9.80	6.99	13.55	....	16.18	e15.93	11.62	20.37	....	.... ....
25	e9.50	8.69	7.50	12.25	7.94	17.57	....	13.22	....	....	.... ....
Eom	7.69	6.57	8.70	8.80	9.33	17.88	....	16.08	....	....	.... ....

363602N0864254.1.--Continued.

1968												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	h6.45	11.28	2.50	10.65	8.90	16.18	19.00	21.60	22.33	23.04	12.97
10	7.37	11.60	4.50	11.52	10.19	17.20	20.29	22.15	20.36	22.59	14.46
15	8.28	6.83	5.94	11.28	11.26	18.55	19.15	22.33	21.37	22.55	15.65
20	9.06	6.97	7.10	7.62	12.45	19.05	19.65	21.25	22.12	22.87	16.14
25	h6.14	9.88	2.74	8.22	7.88	13.82	19.20	20.56	21.70	22.73	22.63	12.95
Eom	10.57	e5.33	9.30	7.66	14.20	17.25	21.34	22.54	23.18	12.91	9.87
e Estimated.												
h Tape measurement.												

Shelby County

350515N0895536.1. Local number Sh:K-75. Memphis Light, Gas, and Water Division. Willowview Avenue and Getwell Road (corrected). 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 e46.60 below lsd, Feb. 5, 1967. Records available: 1948-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	44.28	44.26	45.00	44.52	.....	44.87	45.08	45.23	45.33	.....	45.64	.....
10	44.56	44.80	44.96	44.64	e44.94	44.99	45.27	45.17	45.43	45.57	45.59	.....
15	44.42	44.71	44.92	44.91	44.88	44.98	45.15	45.15	45.43	45.54	.....	e45.75
20	44.68	44.86	44.88	44.77	44.88	45.01	45.06	44.97	45.32	45.58	.....	45.59
25	44.63	44.65	44.84	44.80	44.91	45.07	45.11	45.21	45.50	45.58	.....	45.85
Eom	44.48	44.85	44.50	44.88	44.68	45.02	45.22	45.31	45.41	45.59	.....	45.67
1965												
5	.....	45.62	.....	.....	.....	44.83	e44.00	44.08	43.79	43.63	44.12	44.41
10	.....	45.77	e45.50	e45.20	e44.80	44.88	.....	43.90	43.63	43.77	44.26	44.49
15	45.74	e45.70	.....	.....	.....	44.71	.....	43.81	43.65	43.92	44.22	44.58
20	45.73	.....	.....	.....	.....	44.80	.....	43.94	43.64	44.01	44.28	44.52
25	45.74	.....	.....	.....	.....	44.34	.....	43.94	43.59	44.18	44.35	45.04
Eom	45.83	.....	.....	e45.00	h44.62	44.30	44.01	43.79	43.87	44.15	44.50	44.53
1966												
5	.....	45.07	45.40	.....	45.54	45.56	.....	45.91	46.08	46.25	.....	46.18
10	.....	45.16	45.24	.....	45.77	45.76	.....	45.98	46.01	46.27	.....	46.06
15	.....	45.40	45.30	.....	45.64	45.68	.....	45.92	46.03	46.01	.....	.....
20	.....	45.41	45.39	.....	45.69	45.99	.....	46.04	46.31	45.91	.....	.....
25	.....	45.16	45.57	.....	45.70	45.84	.....	45.97	46.00	45.94	.....	.....
Eom	.....	45.42	45.42	.....	.....	45.88	.....	46.02	46.24	46.04	.....	46.13
1967												
5	46.05	e46.60	45.51	45.45	45.57	45.43	45.45	45.41	45.44	45.70	45.50	45.39
10	46.07	.....	45.52	45.51	45.57	45.42	45.36	45.44	45.44	45.65	45.32	45.27
15	46.00	.....	45.84	45.48	45.70	45.50	.....	45.41	45.35	45.55	45.54	.....
20	.....	.....	45.33	45.36	45.60	45.68	.....	45.42	45.49	45.52	45.36	.....
25	.....	.....	45.49	45.49	45.51	45.60	.....	45.45	45.64	45.62	45.50	.....
Eom	45.99	45.62	45.57	45.42	45.54	45.55	45.42	45.50	45.70	45.48	45.61	45.19

1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	45.17	45.01	44.86	44.90	44.45	44.41	44.38	44.66	44.91	44.85	45.53	45.88
10	45.12	45.24	45.06	44.62	44.34	44.34	44.30	44.78	44.80	45.07	45.63	45.79
15	45.25	45.26	45.05	44.57	44.36	44.40	44.45	44.82	44.65	45.15	45.42	45.99
20	45.24	45.02	44.87	44.52	44.47	44.36	44.60	44.96	44.69	45.26	45.76	46.18
25	45.30	45.35	44.89	44.54	44.46	44.52	44.43	45.00	44.74	45.39	45.78	46.08
Eom	45.18	45.09	44.95	44.43	44.42	44.42	44.60	44.88	44.98	45.52	45.74	46.27

e Estimated.

h Tape measurement.

351435N0900052.1. Local number Sh:O-1. Memphis Light, Gas, and Water Division. O. K. Robertson Rd., Frayser. Drilled observation artesian well in sand of Claiborne Group, 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 53.59 below lsd, Sept. 2, 1965. Records available: 1940-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	50.32	49.70	48.94	44.90	43.67	47.44	50.36	51.17	52.58	52.96	52.18	50.56
10	50.30	49.90	48.58	45.38	44.22	47.96	50.74	51.69	52.63	49.99	52.01	50.57
15	50.16	49.87	47.70	44.74	45.05	48.62	50.70	52.05	53.08	50.48	52.02	50.67
20	49.88	49.64	46.61	44.83	45.79	.....	50.64	51.67	53.04	50.88	51.88	50.63
25	49.79	49.38	e46.20	45.11	46.73	.....	51.24	52.07	53.18	52.00	51.23	50.32
Eom	49.97	49.44	45.00	44.82	47.40	49.92	51.36	52.20	53.00	52.05	51.22	49.95
1965												
5	49.42	49.21	48.09	46.56	46.23	49.16	51.62	e52.20	53.58	51.09	51.97	51.65
10	48.86	48.62	47.86	45.92	46.60	49.48	51.32	e52.50	52.91	51.37	51.92	51.63
15	48.92	48.10	47.46	45.38	47.33	49.80	51.46	e52.80	52.72	51.39	52.02	51.71
20	48.94	47.50	47.99	45.15	45.74	50.23	51.72	.....	53.03	51.53	51.97	52.01
25	49.28	47.83	47.85	45.11	48.20	50.66	52.20	.....	52.32	51.84	51.93	51.78
Eom	49.33	48.12	47.63	46.08	48.98	.....	51.91	53.53	51.71	51.97	51.76	50.92

351435N0900052.1.--Continued.

1966												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	50.31	50.40	48.54	48.94	46.90	47.12	50.43	51.56	52.13	51.51	51.43	50.94
10	49.57	50.38	49.00	48.62	.....	48.08	50.46	51.73	51.80	51.00	51.18	50.97
15	49.32	50.07	48.89	48.14	.....	48.66	50.86	51.78	51.72	51.38	51.36	50.50
20	49.79	48.74	49.25	47.93	.....	49.26	50.91	51.86	51.38	51.42	51.24	49.76
25	50.05	48.28	49.34	47.62	.....	49.55	51.12	51.80	51.40	51.37	51.36	e49.40
Eom	49.95	48.14	49.01	47.18	.....	50.20	e51.26	51.94	51.58	51.41	50.83	49.26
1967												
5	48.94	50.11	46.60	.....	.....	45.70	47.83	49.13	50.61	50.93	50.75	.....
10	49.04	49.73	46.98	.....	.....	46.31	47.26	49.32	50.31	50.92	50.45	.....
15	49.65	49.69	47.37	.....	.....	e46.50	47.18	49.71	50.47	51.09	50.01	.....
20	.....	49.82	.....	.....	.....	47.19	47.19	49.96	50.80	51.13	49.96	.....
25	.....	50.10	.....	.....	.....	47.60	47.77	50.33	51.11	50.95	.....	.....
Eom	50.30	46.28	.....	.....	45.12	47.78	48.90	50.45	50.89	50.93	.....	.....
1968												
5	.....	.....	.....	.....	.....	47.50	e50.50	51.76	51.91	51.29	50.12	50.62
10	.....	.....	.....	.....	.....	47.68	e50.80	51.76	51.38	51.16	51.98	50.77
15	.....	.....	.....	.....	.....	48.65	e51.00	51.34	50.62	51.46	51.58	50.88
20	.....	.....	.....	.....	.....	49.69	e51.20	51.70	50.36	51.85	51.72	51.07
25	.....	.....	.....	.....	.....	53.06	e51.40	51.84	50.90	52.12	51.32	50.96
Eom	.....	.....	.....	.....	.....	50.40	51.73	51.82	51.22	52.07	50.95	50.32
e Estimated.												

e Estimated.

350924N0900234.1. Local number Sh:O-124. Memphis Light, Gas, and Water Division. Fifth St. and Sycamore Ave. Unused work shaft connected to artesian wells in sand of Claiborne Group, diam 30 in, depth 98, 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 to Aug. 1, 1954. Records available: 1927-33, 1936-68.

Lowest water level for the day, from recorder graph, 1964

Lowest water level for the day, from Recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	69.8	68.7	67.0	65.4	66.2	69.3	72.4	73.0	e73.0	71.9	71.8	69.3
10	69.8	68.8	66.2	66.8	....	70.9	72.5	73.0	72.9	71.8	71.5	68.6
15	69.3	68.4	65.3	65.9	67.3	72.3	72.5	73.1	73.0	71.8	....	68.2
20	69.4	67.9	64.8	65.6	68.5	71.9	72.7	73.0	73.0	71.8	71.5	68.2
25	70.0	67.2	64.2	67.0	69.5	71.9	72.7	73.2	72.9	71.8	....	67.6
Eom	69.4	67.4	63.9	66.3	69.6	72.2	72.9	73.0	....	71.8	e63.4	66.3
1965												
5	65.3	67.8	....	64.3	....	70.3	71.8	73.0	72.9	71.8	h71.6	69.6
10	65.6	67.0	e65.5	65.3	e68.4	71.0	71.8	72.9	72.7	71.8	71.3	69.9
15	65.6	67.5	....	64.6	69.5	71.3	72.2	73.0	72.3	71.8	71.1	69.7
20	67.1	66.3	....	64.7	69.5	....	72.5	72.9	72.2	71.8	71.0	70.0
25	67.1	h65.5	h65.3	....	69.8	71.9	73.0	73.0	72.1	71.8	70.7	69.9
Eom	67.6	....	64.3	65.4	69.8	71.8	73.1	73.0	e71.8	e71.8	63.5	....
1966												
5	....	69.1	65.6	67.5	66.9	69.1	72.0	72.8	71.7	71.7	71.7	70.7
10	66.9	68.8	65.6	67.5	66.6	....	72.1	72.5	71.7	71.7	71.6	71.1
15	66.8	68.6	65.5	67.0	66.9	....	72.5	72.3	....	71.7	71.4	70.9
20	67.2	67.5	66.6	66.9	66.9	....	73.1	72.0	....	....	71.5	69.5
25	67.4	66.3	66.7	67.3	67.2	....	73.2	71.8	....	h71.7	71.2	69.4
Eom	67.3	65.4	66.7	67.2	68.0	72.1	e72.9	71.8	71.8	71.7	70.6	68.9
1967												
5	68.04	....	68.36	....	....	e69.50	....	....	....	71.36	69.28	66.02
10	....	....	....	....	....	....	....	....	....	71.23	68.12	67.15
15	....	....	....	....	....	....	....	....	....	71.06	68.01	67.48
20	....	....	....	....	....	....	....	....	....	70.74	68.02	67.36
25	....	....	....	....	....	....	....	....	....	69.57	67.35	66.25
Eom	69.42	68.41	66.43	66.41	66.67	69.51	71.67	71.69	71.64	69.57	66.40	65.03
1968												
5	65.55	66.43	67.61	....	....	....	71.32	71.74	71.48	71.05	71.09	69.08
10	66.40	66.50	68.54	....	....	....	71.57	71.62	71.22	71.23	70.81	69.28
15	66.89	65.21	67.50	....	68.55	....	71.16	71.72	71.29	70.81	70.71	69.29
20	67.73	66.07	67.24	....	68.55	....	70.95	71.72	71.01	70.61	70.53	69.29
25	67.46	66.75	e66.75	....	68.50	....	71.18	71.71	70.99	70.58	70.01	69.28
Eom	67.27	67.02	66.08	67.80	68.42	71.54	71.69	71.63	71.06	71.02	68.95	68.66

e Estimated.

h Tape measurement.

351321N0895359.1. Local number Sh:P-1. Memphis Light, Gas, and Water Division. Raleigh. Drilled observation artesian well in sand of Claiborne Group, 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 108.42 below lsd, Aug. 31, 1968. Records available: 1940-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	102.36	102.35	101.97	100.78	99.92	101.42	103.17	103.48	104.32	104.96	104.29	e103.60
10	102.35	102.39	101.90	100.58	99.95	101.57	103.45	103.55	104.48	104.64	.....	103.47
15	102.42	102.32	102.13	100.36	100.23	101.96	103.62	103.70	104.73	104.14	e104.00	103.46
20	102.47	102.40	101.96	100.23	100.79	102.30	103.85	103.68	104.74	104.17	.....	103.59
25	102.31	102.36	101.69	99.96	101.10	102.67	103.97	103.64	104.94	e104.10	e103.80	103.49
Eom	102.51	102.43	101.65	100.01	101.34	103.05	103.92	103.98	104.82	.....	.....	103.30

351321N0895359.1. --Continued.

1965												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	103.24	103.45	102.62	102.44	102.41	103.51	104.85	105.26	105.60	105.07	105.22	104.86
10	103.19	103.29	102.97	102.44	102.52	103.91	104.87	104.97	105.53	104.98	105.19	104.89
15	103.10	102.50	102.82	102.40	102.52	103.99	105.02	105.32	105.28	105.06	105.17	104.78
20	103.32	102.64	103.04	102.35	102.52	104.32	105.37	105.53	105.47	105.03	e105.00	104.73
25	103.22	102.52	102.78	102.17	102.90	104.61	105.78	105.66	105.22	105.19	105.05	104.89
Eom	103.18	102.54	102.47	102.35	103.24	104.83	105.46	105.49	105.13	105.38	105.03	104.22
1966												
5	104.08	104.03	103.75	103.58	103.11	102.94	104.99	105.22	105.32	104.48	104.83	104.79
10	104.14	103.96	103.90	103.52	103.10	103.30	105.08	105.27	105.29	104.64	104.72	104.85
15	103.88	103.87	103.86	103.41	103.06	103.68	105.57	105.10	105.24	104.66	104.84	104.84
20	104.03	.....	103.94	103.32	102.85	104.34	105.52	105.18	104.97	e104.70	104.94	104.54
25	103.96	.....	103.74	103.20	102.85	104.97	105.36	105.24	e104.92	e104.84	105.10	104.16
Eom	103.86	.....	103.54	103.16	102.82	105.26	e105.44	105.34	104.95	104.94	104.86	103.58
1967												
5	103.57	104.33	103.72	103.25	102.96	103.41	104.20	104.46	.....	105.41	105.87	104.50
10	103.72	104.38	103.63	103.51	102.84	103.58	103.84	104.59	.....	105.69	105.71	104.26
15	103.72	104.27	104.06	103.38	102.73	104.08	104.10	105.02	.....	105.83	105.31	104.40
20	104.00	104.23	103.96	103.44	102.79	104.38	104.35	105.19	.....	105.70	105.37	104.20
25	103.88	104.62	103.82	103.35	102.75	104.28	104.68	e105.32	.....	105.73	105.12	104.02
Eom	104.21	104.21	103.31	102.96	103.07	104.29	104.35	105.36	105.41	105.78	104.70	103.70
1968												
5	103.74	104.20	104.16	103.76	104.31	104.97	106.25	107.53	108.12	106.22	105.44	106.43
10	103.62	104.17	104.00	103.66	104.36	105.40	106.42	107.68	107.17	106.00	106.10	106.62
15	104.06	104.12	104.03	103.58	104.29	105.73	106.82	107.38	106.50	106.35	106.49	106.39
20	104.37	104.06	104.03	103.68	104.55	106.13	107.16	107.07	105.98	106.29	106.71	.....
25	104.14	103.98	103.79	103.87	104.72	106.34	107.40	107.99	106.11	105.90	106.77	.....
Eom	104.18	103.96	104.09	104.12	104.70	106.10	107.48	108.42	106.32	105.65	106.68	105.60

e Estimated.

350736N0895932.1. Local number Sh:P-76. Memphis Light, Gas, and Water Division. Central Avenue and Tanglewood Street. Drilled unused artesian well in sand of Claiborne Group, diam 12 in, depth 488 ft, cased to 428, screened 428-458. 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 136.90 below lsd, Aug. 31, 1968. Records available: 1928-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	125.0	123.6	122.8	121.3	121.4	128.7	128.7	128.9	130.2	e128.2	127.7	126.8
10	124.8	124.3	123.0	121.6	.....	129.6	129.6	129.7	129.6	129.0	127.4	126.6
15	124.8	124.3	122.7	120.6	127.2	129.2	129.2	130.0	130.3	128.5	127.9	125.6
20	124.2	123.4	122.5	121.3	127.6	128.9	128.9	129.3	130.0	127.9	128.0	125.8
25	124.8	123.1	122.0	121.6	124.0	129.3	129.3	128.5	130.2	127.8	127.7	124.9
Eom	124.9	123.4	e121.0	121.6	129.8	129.8	128.5	129.1	129.0	127.9	126.0	125.4
1965												
5	123.7	125.7	124.8	123.6	125.4	129.1	131.0	132.0	133.3	130.7	130.0	127.8
10	124.4	124.7	123.6	124.6	126.8	130.2	131.3	131.9	132.4	.....	130.2	128.3
15	124.7	124.6	124.0	124.8	127.2	130.1	131.9	133.0	132.4	131.4	128.8	127.3
20	124.8	124.4	124.5	123.7	127.3	130.7	132.5	134.0	132.8	130.7	129.0	127.6
25	124.2	123.6	124.1	125.1	127.9	131.1	132.1	133.1	133.0	130.7	129.1	127.0
Eom	124.8	124.2	124.1	125.1	127.2	130.7	131.7	133.5	132.5	130.6	.....	126.2
1966												
5	126.1	128.4	126.3	126.0	126.8	129.3	132.4	135.0	133.8	131.0	.....	.....
10	125.5	127.4	126.2	126.8	127.0	130.8	133.0	134.2	133.3	131.2	.....	.....
15	126.3	127.3	126.3	126.9	127.0	130.4	135.2	134.2	133.3	132.0	.....	.....
20	.....	126.0	126.4	126.7	127.8	131.8	e135.55	134.6	131.5	131.3	.....	.....
25	.....	126.2	127.2	126.6	128.1	133.1	134.4	134.2	132.0	130.9	.....	.....
Eom	.....	126.0	127.2	127.2	127.4	134.0	.....	134.1	132.9	130.3	.....	128.6
1967												
5	.....	128.16	127.12	128.34	127.72	127.15	129.27	131.14	130.79	130.75	130.05	127.39
10	.....	127.27	127.13	128.24	126.63	129.11	129.40	132.57	131.80	131.09	129.44	127.11
15	.....	128.15	.....	128.83	126.00	130.07	130.58	132.94	132.05	131.04	128.20	127.07
20	.....	128.23	.....	128.52	126.97	131.04	130.88	133.36	131.36	130.93	128.04	126.94
25	.....	127.34	.....	127.54	126.61	131.44	130.22	133.34	131.76	130.77	126.62	126.42
Eom	.....	127.35	127.80	127.55	127.73	131.37	130.40	134.34	131.35	129.66	126.99	125.90
1968												
5	126.96	126.92	127.16	126.37	128.10	131.15	133.67	134.42	134.16	133.52	132.80	132.89
10	127.15	127.09	127.95	127.05	128.64	131.20	132.96	e135.60	133.28	132.97	122.68	129.15
15	128.40	127.37	.....	125.57	128.07	132.73	133.79	135.16	133.30	132.75	122.08	129.67
20	129.24	126.45	.....	126.64	129.22	133.40	135.37	135.06	132.67	133.50	121.72	129.99
25	128.63	127.69	.....	127.19	129.58	133.31	135.62	e136.10	133.50	133.77	121.11	128.90
Eom	128.24	127.82	126.11	126.57	129.60	133.47	134.70	136.90	132.83	132.69	130.47	127.93
e Estimated.												

e Estimated.

350900N0894822.1 (revised). Local number ShQ-1. Memphis Light, Gas, and Water Division. Cordova. Drilled observation artesian well in sand of Claiborne Group, 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 95.78 below lsd, Dec. 10, 1968. Records available: 1940-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	90.21	90.35	90.36	90.56	90.45	90.74	91.10	91.37	91.61	91.76	91.90	91.85
10	90.28	90.39	90.33	90.72	90.48	90.84	91.14	91.41	91.67	91.76	91.86	91.78
15	90.32	90.41	90.48	90.64	90.55	90.92	91.23	91.46	91.73	91.75	91.92	91.84
20	90.18	90.44	90.40	90.52	90.57	90.94	91.24	91.47	91.69	91.84	91.87	91.83
25	90.20	90.51	90.49	90.44	90.61	91.05	91.28	91.55	91.77	91.89	91.75	91.66
Eom	90.37	90.51	90.71	90.41	90.68	91.13	91.36	91.54	91.68	91.85	91.97	91.85
1965												
5	91.84	91.84	91.53	91.44	91.72	91.94	92.20	92.50	92.65	92.68	92.82	92.87
10	91.76	91.64	91.59	91.39	91.77	92.01	92.24	92.46	92.69	92.60	92.75	92.91
15	91.76	91.78	91.61	91.47	91.82	92.01	92.31	92.52	92.60	92.70	92.80	92.78
20	91.66	91.72	91.76	91.49	91.87	92.11	92.34	92.53	92.74	92.74	92.85	92.93
25	93.54	91.60	e91.82	91.56	91.93	92.14	92.37	92.58	92.75	92.74	92.84	92.87
Eom	91.64	91.67	91.57	91.71	91.87	92.22	92.44	92.64	92.58	92.82	92.91	92.91
1966												
5	92.89	.....	92.79	93.08	93.19	93.18	93.43	93.76	93.88	93.98	94.12	94.20
10	92.91	.....	92.91	93.15	93.02	93.17	93.49	93.80	93.96	93.93	94.01	94.09
15	92.83	.....	.....	93.17	93.03	93.22	93.55	93.79	93.89	93.96	94.19	94.17
20	92.95	.....	.....	93.07	92.98	93.28	93.68	93.80	93.92	94.02	94.15	94.05
25	92.84	.....	.....	93.10	93.03	93.35	93.77	93.85	93.95	94.06	94.10	94.15
Eom	.....	.....	92.91	93.12	93.13	93.39	93.76	93.87	93.93	94.05	94.07	94.05
1967												
5	94.09	94.15	94.10	94.22	94.22	94.25	94.45	94.41	94.61	94.70	94.93	94.83
10	94.19	94.13	94.25	94.18	94.12	94.26	94.34	94.41	94.53	94.66	94.44	94.76
15	.....	94.17	94.27	94.18	94.16	94.32	94.35	94.47	94.57	94.76	94.93	94.91
20	.....	94.19	94.16	94.28	94.19	94.37	94.40	94.40	94.61	94.79	94.93	94.75
25	.....	94.36	94.13	94.29	94.21	94.42	94.39	94.52	94.65	94.76	94.72	.....
Eom	94.10	94.09	94.19	94.19	94.15	94.43	94.40	94.57	94.66	94.78	94.75	.....
1968												
5	.....	.....	94.58	.....	94.40	94.50	95.02	95.26	95.48	95.61	95.21	95.58
10	.....	.....	.....	.....	94.39	94.60	94.98	95.28	95.47	95.48	95.30	95.78
15	.....	.....	.....	.....	94.35	94.73	95.05	95.30	95.55	95.52	95.50	95.66
20	.....	.....	.....	.....	94.37	94.83	95.09	95.35	95.50	95.47	95.66	95.53
25	.....	.....	.....	.....	94.38	94.90	95.15	95.42	95.52	95.33	95.65	95.70
Eom	94.57	.....	.....	94.36	94.44	94.93	95.20	95.47	95.54	95.30	95.68	95.66
e Estimated.												

e Estimated.

352110N0895702.1. Local number ShU-1. T. D. Ervin. Sloanville. Drilled unused artesian well in sand of Wilcox Group, 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 56.82 below lsd, Nov. 21, 1964. Records available: 1946-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	55.36	54.70	54.89	54.07	.....	.....	.....	.....	.....	e56.20	56.54	56.29
10	55.33	54.92	54.59	53.92	.....	.....	.....	e55.75	.....	56.32	56.56	56.02
15	55.11	54.77	54.16	53.97	.....	54.92	.....	55.68	.....	56.22	.....	55.89
20	54.92	54.88	53.70	53.84	54.75	55.14	.....	55.55	.....	56.45	56.77	56.24
25	54.91	54.68	54.01	53.88	54.73	55.26	.....	55.74	.....	56.46	56.34	55.52
Eom	54.89	54.88	53.80	53.94	54.89	55.43	.....	.....	.....	56.50	56.63	56.10
1965												
5	55.91	.....	55.75	.....	55.30	55.66	56.08	.....	.....	56.16	56.48	55.89
10	55.80	.....	.....	.....	55.38	55.66	56.06	.....	.....	56.28	56.28	55.97
15	55.83	55.87	h56.60	54.86	55.52	55.48	56.18	.....	56.06	56.37	56.22	55.78
20	55.65	55.55	.....	54.97	55.65	55.69	56.30	.....	56.25	56.48	56.13	55.76
25	55.83	55.56	.....	54.82	55.68	55.83	56.45	.....	56.22	56.58	55.98	55.92
Eom	e55.94	55.76	.....	55.15	55.72	56.09	56.41	.....	56.01	56.52	56.18	55.66
1966												
5	55.38	55.62	55.71	55.21	55.00	55.46	55.94	56.61	56.55	55.96	55.52	54.52
10	55.11	55.27	55.16	55.24	54.87	55.62	56.14	56.67	56.59	55.86	55.24	54.81
15	55.28	55.20	55.24	55.26	54.71	55.59	56.24	56.64	56.40	55.85	55.29	54.49
20	55.16	55.31	55.07	55.15	54.86	55.52	56.28	56.61	56.17	55.85	55.09	54.00
25	55.33	55.74	55.22	55.12	54.94	55.72	56.45	56.70	56.13	55.68	54.92	53.95
Eom	55.48	55.95	55.02	54.95	55.30	55.85	56.62	56.63	55.99	55.50	54.86	53.56
1967												
5	53.40	53.22	53.19	52.68	53.05	52.87	53.24	.....	53.92	53.81	53.46	.....
10	53.35	53.14	53.33	52.91	52.95	52.96	53.22	.....	53.90	53.74	53.11	.....
15	53.27	53.33	53.23	53.05	52.92	53.09	53.44	.....	53.88	53.69	53.12	.....
20	53.36	53.43	52.81	53.18	52.75	53.07	53.63	53.59	53.81	53.63	53.11	.....
25	53.29	53.78	52.72	53.26	52.56	53.12	53.76	53.74	53.76	53.47	53.23	.....
Eom	53.32	53.51	52.68	52.98	52.43	53.06	.....	53.92	53.83	53.35	52.96	.....
1968												
5	53.56	53.52	53.71	51.44	51.56	51.88	51.52	52.40	53.08	53.71	.....	.....
10	53.48	53.26	53.58	51.39	51.50	52.04	51.56	52.46	53.05	.....	.....	.....
15	53.53	53.28	53.63	51.25	51.56	51.92	51.70	52.45	52.90	.....	.....	.....
20	53.62	53.30	53.21	52.21	51.49	51.70	51.83	52.75	52.58	.....	.....	.....
25	53.56	53.66	52.88	51.92	51.57	51.40	52.07	52.72	52.59	.....	.....	.....
Eom	53.65	53.76	51.69	51.72	51.56	51.32	52.25	52.92	52.73	.....	.....	.....

e Estimated.

h Tape measurement.

352110N0895703.1. Local number Sh:U-2. T. D. Ervin. Sloanville. Drilled unused artesian well in sand of Claiborne Group, 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 above lsd. Highest water level 39.55 below lsd, June 29, 1953; lowest 54.15 below lsd, Nov. 22, 1964. Records available: 1953-68.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	52.69	52.56	52.44	50.65	50.06	51.04	51.93	52.76	53.41	53.96	53.95	53.68
10	52.65	52.65	52.17	50.79	49.95	51.20	52.16	52.89	53.52	53.86	53.95	53.53
15	52.72	52.58	51.87	50.72	50.07	51.41	52.40	53.04	53.72	53.55	54.04	53.40
20	52.73	52.65	51.46	e50.60	50.44	51.50	52.35	52.98	53.76	53.68	53.92	53.40
25	52.68	52.57	51.24	50.37	50.75	51.68	52.46	53.08	53.87	53.78	53.85	53.06
Eom	52.73	52.63	51.02	50.31	50.96	51.79	52.74	53.25	53.84	53.82	53.96	53.37
1965												
5	53.29	52.95	51.79	51.24	50.59	51.69	52.55	53.24	53.91	53.21	53.77	53.91
10	53.06	52.73	51.94	50.89	50.69	51.89	52.62	53.28	53.88	53.21	53.68	53.97
15	52.85	52.48	51.77	50.57	50.87	51.88	52.73	53.47	53.57	53.32	53.72	53.85
20	52.79	52.13	51.89	50.50	51.07	52.05	52.85	53.58	53.73	53.42	53.76	53.89
25	52.66	51.82	51.70	50.35	51.29	52.17	53.03	53.70	53.55	53.62	53.75	54.00
Eom	52.87	51.76	51.55	50.49	51.47	52.41	53.11	53.80	53.27	53.70	53.96	53.87
1966												
5	53.71	53.59	52.38	52.72	51.83	51.28	52.53	53.10	53.52	53.60	53.79	53.78
10	53.43	53.38	.....	52.70	51.66	51.62	52.75	53.22	53.69	53.50	53.67	53.66
15	53.12	53.36	.....	52.61	51.32	51.83	52.89	53.19	53.65	53.56	53.76	53.62
20	53.22	53.02	.....	52.45	51.12	52.31	52.92	53.25	53.41	53.68	53.72	53.22
25	53.30	52.63	.....	52.16	51.14	52.24	52.94	53.37	53.48	53.68	53.69	53.13
Eom	53.45	52.40	52.63	51.98	51.18	52.40	53.07	53.44	53.48	53.69	53.74	52.84
1967												
5	53.03	53.08	52.75	51.63	51.82	52.12	51.88	.....	53.04	53.46	53.66	53.20
10	53.13	53.01	52.70	51.68	52.00	51.84	51.67	.....	53.05	53.57	53.48	52.80
15	53.04	53.03	52.62	51.69	52.01	51.70	51.74	.....	53.14	53.60	53.37	52.86
20	53.13	53.02	.....	51.78	52.02	51.82	51.78	52.72	53.25	53.56	53.39	52.63
25	53.00	53.22	52.02	51.79	52.19	51.94	.....	52.94	53.42	53.55	53.29	52.49
Eom	53.15	53.04	51.73	51.82	52.37	51.86	.....	53.01	53.44	53.54	53.28	52.28
1968												
5	52.19	52.28	52.36	51.34	51.26	51.40	51.98	52.89	53.29	53.77	53.49	53.28
10	52.14	52.01	52.43	51.42	51.27	51.50	52.04	52.74	53.43	53.62	53.41	53.43
15	52.23	51.87	52.56	51.51	51.20	51.32	52.24	52.69	53.53	53.64	53.48	53.48
20	52.34	51.79	52.36	51.51	51.20	51.14	52.35	52.76	53.60	53.64	53.70	53.46
25	52.30	52.03	51.95	51.21	51.14	51.44	52.58	52.80	53.63	53.60	53.59	53.62
Eom	52.37	52.22	51.40	51.14	51.10	51.84	52.75	53.02	53.78	53.59	53.56	53.57
e Estimated.												

e Estimated.

Tipton County

352642N0894722.1. Local number Tp:E-3. Charles Smith. Crosstown. Drilled unused artesian well in sand of Claiborne Group, 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 199.98 below lsd, Oct. 13, 1966. Records available: 1959-68. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	198.41	.....	.....	197.36	.....	.....	.....	.....	198.87	199.06	199.22	198.91
10	198.40	.....	198.25	.....	.....	.....	.....	.....	198.88	199.13	199.28	e198.62
15	198.39	.....	198.14	.....	.....	.....	.....	.....	198.98	199.03	199.10	198.63
20	198.22	.....	197.98	.....	.....	.....	.....	.....	198.83	198.97	199.33	e198.52
25	198.21	.....	197.76	.....	.....	.....	.....	.....	199.10	199.13	e199.00	.....
Eom	.....	.....	197.65	.....	.....	.....	.....	198.70	198.85	199.21	199.01	198.58
1965												
5	198.50	198.26	e197.60	e197.24	197.16	197.33	197.76	198.27	198.68	.....	.....	.....
10	198.51	198.25	197.68	197.26	197.11	197.42	197.74	198.18	198.80	.....	.....	.....
15	198.57	198.22	197.61	197.19	197.07	197.27	e197.90	198.48	198.76	e198.80	e199.20	e199.00
20	198.30	197.99	197.90	e197.16	197.30	197.30	e198.00	198.50	198.44	.....	.....	.....
25	198.05	e197.70	197.62	197.02	197.22	197.49	198.10	198.70	198.73	.....	.....	.....
Eom	198.30	197.53	197.40	197.04	197.28	197.80	198.28	198.69	.....	.....	.....	h199.06
1966												
5	198.94	198.67	197.90	198.32	198.17	197.96	198.09	199.44	.....	199.74	199.21	199.55
10	198.72	198.46	198.22	198.57	198.16	197.88	198.58	e199.60	.....	199.84	199.14	199.35
15	198.70	198.55	198.17	198.51	197.79	197.95	198.86	e199.80	.....	199.66	.....	199.15
20	198.71	198.46	198.28	198.42	197.61	198.11	198.87	.....	e199.90	199.72	.....	198.86
25	198.56	198.20	198.43	198.15	197.55	198.28	199.06	.....	e199.75	199.50	e199.40	198.81
Eom	198.66	198.02	198.14	198.10	197.70	198.14	199.22	.....	199.66	199.35	199.57	198.62
1967												
5	.....	.....	.....	198.56	.....	.....	.....	.....	199.18	199.22	199.06	198.88
10	.....	.....	.....	198.63	.....	.....	.....	.....	198.86	199.23	199.31	198.88
15	.....	.....	.....	.....	.....	.....	.....	.....	199.21	199.16	199.04	198.79
20	.....	.....	.....	.....	.....	198.10	.....	198.43	199.08	199.32	199.07	198.40
25	.....	.....	198.48	.....	.....	198.23	.....	198.67	198.98	199.13	198.81	198.59
Eom	.....	.....	.....	.....	.....	198.50	.....	199.13	199.12	198.92	199.06	198.48
1968												
5	198.24	.....	.....	197.60	197.50	197.63	.....	.....	.....	.....	.....	.....
10	198.07	.....	.....	197.60	197.60	197.48	.....	.....	.....	.....	.....	.....
15	197.96	.....	.....	197.32	197.63	197.45	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	197.36	197.60	197.32	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	197.36	197.70	197.34	.....	.....	.....	.....	.....	.....
Eom	.....	.....	.....	197.86	197.44	197.60	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Warren County

354223N0854733.1. Formerly Wt:F-1. Bybee Branch Church. Near McMinnville. Drilled unused artesian well in Fort Payne Chert, Early Mississippian, diam 6 in, depth 200 ft. Lad 1,030 ft above msl. MP top of casing, 0.50 ft above lsd. Highest water level 47.18 below lsd, Apr. 8, 1965; lowest 50.28 below lsd, Dec. 23, 1965. Records available: 1964-66. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.08	48.72	48.22
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.95	48.80	48.28
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.97	49.08	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.03	48.98	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	50.08	49.21	48.70	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	49.82	48.71	48.42	.....
1965												
5	.....	.....	48.22	47.34	48.61	.....	.....	47.92	48.92	h49.60	50.06	49.95
10	.....	.....	48.24	47.20	.....	.....	48.34	48.10	e49.00	e49.65	50.03	50.09
15	47.70	.....	48.29	47.58	.....	h47.92	48.24	48.28	.....	e49.80	50.11	50.00
20	.....	48.04	48.26	48.02	.....	.....	48.40	48.39	.....	49.84	50.12	50.09
25	.....	48.27	48.12	48.26	.....	.....	48.53	48.50	.....	49.97	49.98	50.18
Eom	.....	48.32	47.40	48.49	.....	.....	48.14	48.75	.....	50.00	49.94	50.18
1966												
5	50.02	48.83	47.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	e49.45	48.35	47.54	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	e49.20	48.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	49.37	47.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	49.25	47.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	49.10	47.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
e Estimated.												
h Tape measurement.												

e Estimated.

h Tape measurement.

Wayne County

351302N0874323.1. Local number Wn:G-1. Ralph Hughes. Near Collinwood. Drilled unused water-table well in Fort Payne Chert, Early Mississippian, diam 6 in, depth 455 ft, cased to 205. Lad 1,080 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 177.47 below lsd, May 26, 1968; lowest 184.68 below lsd, Dec. 18, 1964. Records available: 1962-68.

Lowest water level for the day, from recorder graph, 1962												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.10	181.14
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.29	181.72
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.09	181.66
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	180.72	181.13	181.54
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.16	181.77	181.98
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	180.90	181.61	182.07
1963												
5	181.89	182.38	181.93	182.07	181.98	181.75	181.95	182.32	182.43	183.04	182.95	183.41
10	181.68	182.16	182.25	181.87	181.90	181.61	181.88	.....	182.39	182.81	182.93	183.49
15	182.26	182.43	182.32	182.04	181.75	181.55	181.78	.....	182.71	183.05	183.57	.....
20	181.90	182.15	182.14	181.91	181.89	181.79	182.10	.....	182.50	.....	183.41	.....
25	182.60	182.30	182.36	182.27	182.03	182.04	182.05	.....	182.68	182.87	183.32	.....
Eom	182.16	182.27	.....	181.90	181.64	181.73	182.11	.....	182.74	183.03	183.68	.....
1964												
5	.....	184.06	.....	.....	182.78	182.29	182.49	182.78	183.11	183.56	183.94	184.28
10	.....	183.64	.....	183.72	182.82	182.55	182.60	182.69	182.96	183.55	183.77	184.04
15	.....	184.10	183.89	183.79	182.81	182.29	182.56	182.61	183.10	183.30	184.04	184.16
20	183.78	.....	183.70	183.23	182.55	182.42	182.59	182.81	183.31	183.70	184.14	184.35
25	.....	.....	183.70	183.02	182.60	182.59	182.60	183.02	183.43	183.81	183.65	183.23
Eom	184.44	.....	.....	182.82	182.31	182.55	182.56	182.87	183.30	183.73	184.31	184.12
1965												
5	184.04	183.56	182.70	181.67	180.86	180.68	180.75	181.16	181.62	181.99	182.54	182.79
10	183.57	183.08	182.30	181.07	180.64	180.81	180.87	181.34	181.68	182.08	182.60	183.14
15	183.41	183.14	182.00	180.90	180.77	180.59	181.00	181.40	181.53	182.16	182.52	182.60
20	183.55	183.20	182.52	181.03	180.67	180.73	180.90	181.19	181.94	182.17	182.46	182.83
25	182.93	e182.81	181.72	180.59	180.59	180.82	181.11	181.59	181.90	182.53	182.59	183.33
Eom	.....	.....	181.96	181.17	180.90	181.13	181.10	181.50	e182.00	182.44	182.86	e183.00
1966												
5	183.3	184.0	183.5	183.3	184.1	e183.7	e183.1	.....	183.7	.....	e184.0	.....
10	183.5	183.3	184.1	183.7	183.7	.....	.....	.....	e183.9	e184.0	e184.1	.....
15	183.0	183.6	183.5	183.5	183.6	183.4	.....	e183.2	.....	.....	184.3	.....
20	183.6	183.9	183.8	183.7	183.9	.....	183.2	183.8	.....	.....	184.4	e184.0
25	183.4	183.5	183.8	.....	183.5	.....	e183.2	183.9	.....	.....	184.3	184.3
Eom	183.5	183.5	183.5	183.9	183.7	e183.0	e183.0	184.0	.....	.....	184.6	.....
1967												
5	184.25	.....	183.02	182.64	182.64	.....	182.18	182.28	181.75	181.47	182.07	181.96
10	184.46	183.63	183.33	182.69	182.54	.....	182.10	181.89	181.93	181.47	181.82	181.18
15	183.84	183.62	183.39	182.61	182.27	181.84	182.14	181.91	181.72	181.40	181.95	181.81
20	184.18	183.73	182.97	182.56	182.34	182.06	182.43	182.10	e181.63	181.70	181.98	181.62
25	184.11	184.16	182.99	182.93	182.38	182.04	182.02	182.62	181.72	181.58	181.33	.....
Eom	183.66	183.65	182.97	182.43	.....	181.80	181.98	181.52	181.58	181.64	182.05	.....

351302N0874323.1. --Continued.

1968											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	180.02	179.55	179.22	178.39	178.14	178.72	179.28	179.64	180.13	180.52
10	.....	179.73	179.58	179.20	178.62	178.53	178.87	179.09	179.48	180.20	180.50
15	.....	179.94	180.09	179.10	178.45	178.45	178.80	179.03	179.56	180.21	180.69
20	.....	179.43	179.62	178.55	178.22	178.43	178.84	179.45	179.93	180.47	181.28
25	180.24	179.97	179.64	178.62	178.22	178.53	179.10	179.50	179.95	180.45	180.92
Eom	180.24	179.73	179.30	178.63	178.22	178.66	178.93	179.43	180.14	180.54	181.13

e Estimated.

Williamson County

355505N0865411.1. Local number Wm:M-1. Tennessee Division of Geology and U.S. Geol. Survey. Near Franklin. Drilled observation artesian well in Knox Dolomite, diam 6 in, depth 1,160 ft, cased to 473. Lsd 712 ft above msl. MP top of casing, 2.80 ft above lsd. Highest water level 84.21 below lsd, Mar. 10, 1952; lowest 114.81 below lsd, Jan. 31, 1950. Records available: 1950-68.

Lowest water level for the day, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
5	.....	85.41	85.30	85.57	85.49	85.48	85.60	85.57	85.57	85.64	85.70
10	85.61	85.46	85.44	85.64	85.54	85.56	85.54	85.49	85.56	85.67	85.54
15	85.65	85.38	85.50	85.70	85.61	85.50	85.62	85.54	85.63	85.51	85.64
20	85.35	85.41	85.22	85.56	85.61	85.60	85.60	85.46	85.63	85.62	85.62
25	85.37	85.46	85.45	85.39	85.62	85.67	85.49	85.58	85.69	85.72	85.35
Eom	85.59	85.58	85.76	85.39	85.49	85.69	85.57	85.49	85.58	85.62	85.74

1965

5	85.62	85.88	.....	85.64	85.74	85.72	85.63	85.73	85.81	85.78	85.98
10	85.60	85.61	85.69	85.58	85.74	85.74	85.56	.....	85.74	85.69	.....
15	85.64	85.68	85.67	85.59	85.75	85.52	85.62	e85.60	85.59	85.75	85.87
20	85.60	85.63	85.88	85.72	85.71	85.68	85.64	e85.70	85.87	85.73	85.73
25	e85.45	85.33	85.61	85.64	85.76	85.70	85.63	.....	85.74	85.82	85.69
Eom	85.58	85.55	.....	85.80	85.77	85.77	85.63	85.71	85.70	86.00	85.99

1966

5	e85.97	86.08	85.71	85.77	e85.95	86.12	85.90	85.90	e86.15	86.00	.....
10	86.01	85.70	86.11	.....	86.04	85.91	85.99	85.95	86.15	86.01	.....
15	85.74	85.87	85.80	.....	85.95	86.03	85.97	86.00	85.86	85.95	e86.22
20	85.94	86.10	85.94	.....	85.95	86.12	85.89	85.94	86.06	86.03	.....
25	85.89	85.82	86.00	.....	85.86	86.06	86.10	86.11	85.99	86.17	e85.90
Eom	85.96	85.67	85.59	.....	85.95	85.98	86.04	e86.05	85.80	86.20	86.01

1967

5	86.16	86.09	85.92	86.34	86.45	86.37	86.39	86.28	86.33	86.25	86.44
10	86.38	86.03	86.15	86.30	86.26	86.26	e86.29	86.24	86.13	86.34	86.41
15	86.21	86.17	.....	86.29	86.16	86.28	.....	86.38	86.32	86.35	86.27
20	86.32	86.14	.....	86.29	86.32	86.28	86.44	86.45	86.22	86.41	86.38
25	86.19	86.53	86.31	86.46	86.29	86.31	86.31	86.22	86.19	86.27	86.03
Eom	86.09	86.20	86.43	86.29	86.12	86.21	86.19	86.23	86.35	e86.42	86.49

1968

5	86.55	86.43	86.35	86.41	86.26	86.15	86.39	86.43	86.29	86.39	86.11
10	86.45	86.29	86.23	e86.40	86.34	86.22	86.26	86.20	86.15	86.21	86.06
15	86.41	86.44	86.53	.....	86.15	86.28	86.35	86.25	86.25	86.31	86.23
20	86.55	86.24	86.29	86.25	86.17	86.26	86.34	86.40	86.29	86.25	86.40
25	86.28	86.41	86.41	86.26	86.24	86.15	86.35	86.33	86.24	86.17	86.31
Eom	86.49	86.22	86.22	86.22	86.19	86.32	86.26	86.33	86.45	86.28	86.38

e Estimated.

VIRGINIA

The observation-well program in Virginia was continued during the period 1964 through 1968. Observation wells were measured by paid observers except in Fairfax County, Virginia. Beginning 1967 the cooperative water resources program was begun between the U.S. Geol. Survey and the Virginia Division of Water Resources. Figure 11 shows the location of the observation wells reported on here.

Well-Numbering System

Observation wells in Virginia are numbered using a number and a letter followed by a number. The first number and letter designate the 15-minute map of the well in that quadrangle. The quadrangles are numbered on the "Index to Topographic Mapping" starting at the west of the State numbering eastward 1 through 69. The quadrangles are lettered from south to north omitting letters I and O. Thus a well number 55B-35 is located quadrangle 55B and is the 35th well located in the quadrangle. This numbering system supercedes previous ones but the old numbers are also given.

Well Descriptions and Water-Level Measurements

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

City of Colonial Heights

(Formerly published as Chesterfield County)

371644N0772446.1. Local number 51G1. (Formerly 36). Johnson and Swearingen. Pilcher well, Matoaka Manor. Drilled unused water-table well in 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. Note.--Water levels published in WSP 1833 represent depths below MP. Highest water level 11.13 below lsd, Jan. 18, 1960; lowest 19.09 below lsd, Jan. 14, 1942. Records available: 1939-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	17.72	July 19, 1965	16.25	Jan. 16, 1967	14.75	Dec. 28, 1967	16.90
Feb. 17	13.78	Aug. 30	16.98	Feb. 28	13.59	Feb. 2, 1968	15.21
Mar. 30	14.37	Oct. 11	17.47	Mar. 29	14.13	27	15.63
May 11	14.88	Nov. 29	18.06	Apr. 6	14.25	Mar. 27	14.30
June 15	15.69	Jan. 10, 1966	18.47	17	14.49	Apr. 25	14.50
July 20	15.94	Feb. 23	17.29	26	14.70	May 27	15.21
Aug. 31	14.24	Apr. 6	16.24	May 25	15.22	June 25	15.22
Oct. 12	15.76	May 17	16.13	June 29	15.91	July 25	15.65
Nov. 16	15.88	June 22	16.32	July 28	16.27	Aug. 28	16.45
Dec. 21	16.22	Aug. 8	16.30	Aug. 31	16.03	Sept. 27	17.01
Feb. 1, 1965	15.64	Sept. 27	17.37	Oct. 2	16.40	Oct. 29	17.52
Mar. 15	15.73	Oct. 31	15.43	31	16.97	Nov. 26	17.62
Apr. 26	17.10	Dec. 5	15.92	Nov. 29	17.31	Dec. 26	17.82
June 7	15.64						

City of Franklin

(Formerly published as Southampton County)

364047N0765524.1. Well number 55B22. (Formerly 205). City of Franklin. Fifth 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 169.8 below lsd, Nov. 18, 1967. Records available: 1942-68. Water level affected by local pumpage.

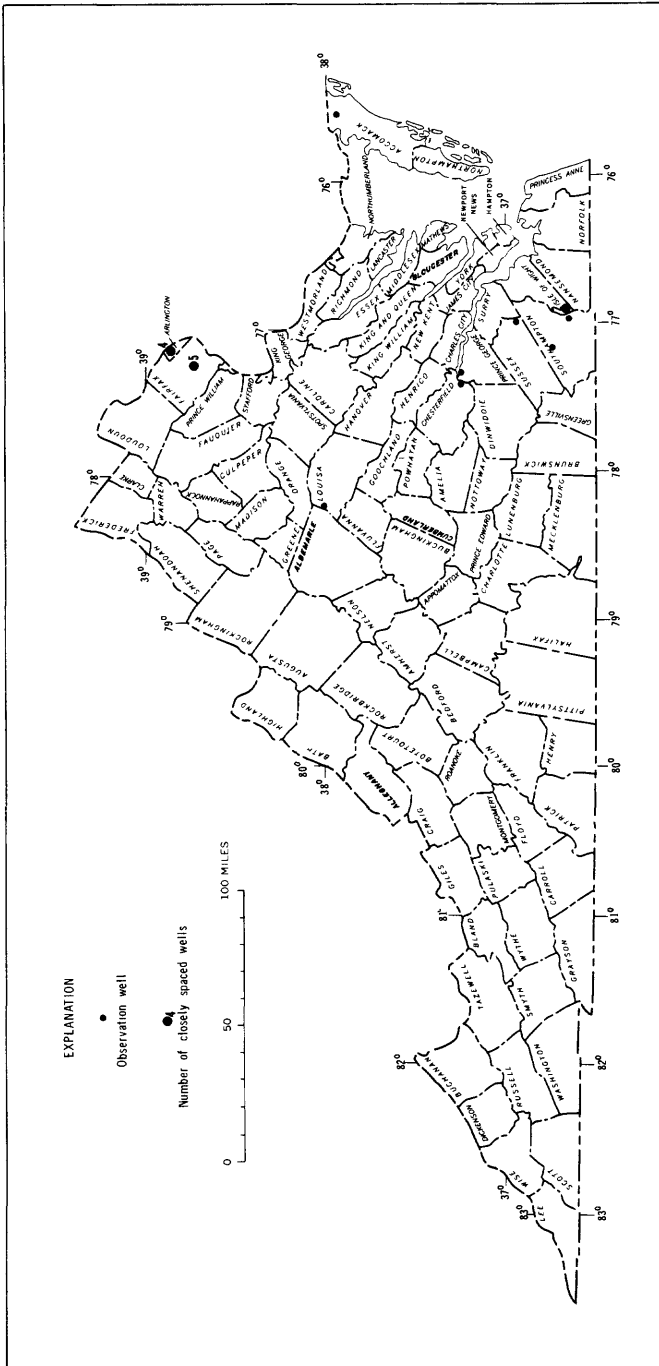


Figure 11.--Location of observation wells in Virginia, 1964-68.

364047N0765524.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1964	95.9	Mar. 13, 1965	110.9	Aug. 6, 1966	119.5	Oct. 28, 1967	156.8
11	98.5	20	110.8	13	121.2	Nov. 4	156.0
18	105.9	27	110.8	20	123.5	11	160.3
25	103.8	Apr. 3	111.9	27	123.5	18	169.8
Feb. 1	105.8	10	111.5	Sept. 3	127.0	25	158.0
8	104.5	17	109.5	10	122.8	Dec. 2	157.5
15	108.9	24	112.0	17	125.9	9	156.2
22	105.9	May 1	112.0	24	126.8	16	150.5
29	108.6	8	113.5	Oct. 1	127.1	22	157.0
Mar. 7	105.9	15	114.8	8	127.8	30	148.5
14	109.0	22	115.6	15	127.1	Jan. 6, 1968	150.3
21	109.5	29	116.1	22	132.7	13	154.5
28	107.8	June 5	114.8	29	128.0	20	156.0
Apr. 4	109.0	12	114.8	Nov. 5	133.0	27	155.5
11	110.5	19	114.7	12	134.2	Feb. 3	155.3
18	105.7	26	114.9	19	134.5	10	146.3
25	109.7	July 3	116.0	26	132.5	17	157.0
May 2	108.0	10	115.2	Dec. 3	131.8	24	158.5
9	110.5	17	116.4	10	131.8	Mar. 2	158.8
16	108.7	24	115.5	17	131.9	9	161.5
23	107.7	31	116.2	24	134.0	16	158.0
30	110.9	Aug. 7	118.5	31	130.8	23	153.5
June 6	108.1	14	118.0	Jan. 7, 1967	135.8	30	153.3
13	106.8	21	117.0	14	133.2	Apr. 6	158.2
20	111.2	28	116.1	28	134.0	13	153.5
27	108.0	Sept. 4	116.5	Feb. 4	135.0	20	153.0
July 4	109.0	11	114.8	11	135.5	27	159.0
11	104.2	18	118.8	18	134.5	May 4	157.5
18	105.7	25	120.5	25	134.5	11	160.0
25	109.5	Oct. 2	119.3	Mar. 4	133.0	18	161.5
Aug. 1	107.3	9	117.8	11	130.9	25	158.9
8	106.5	16	116.8	18	135.3	June 1	162.8
15	110.7	23	116.8	25	136.5	8	160.5
22	111.0	30	117.0	Apr. 1	136.5	15	165.5
29	111.3	Nov. 6	116.5	8	134.7	22	165.8
Sept. 5	113.5	13	116.8	15	138.0	29	165.9
12	110.9	20	118.5	22	137.2	July 6	160.0
19	111.6	27	117.5	29	138.5	13	167.0
26	110.3	Dec. 4	117.5	May 6	140.5	20	167.8
Oct. 3	108.9	11	117.3	13	138.5	27	168.5
10	111.3	18	117.3	20	138.9	Aug. 3	166.3
17	107.3	25	106.4	27	139.2	10	168.5
24	112.9	Jan. 1, 1966	109.3	June 3	139.2	17	165.5
31	109.7	8	109.2	10	142.8	24	163.9
Nov. 7	111.3	15	117.1	17	147.8	31	168.5
14	111.5	22	116.0	24	148.2	Sept. 7	157.5
21	112.0	29	116.1	July 1	150.2	14	163.5
28	110.8	Feb. 12	116.2	8	140.0	21	162.5
Dec. 5	110.2	19	116.7	15	143.8	28	160.5
12	110.3	26	115.8	22	147.3	Oct. 5	163.5
19	110.8	Mar. 5	115.3	29	150.5	12	161.5
26	107.5	12	115.9	Aug. 5	151.3	19	165.2
Jan. 2, 1965	106.5	19	116.2	12	150.5	26	163.3
9	109.0	26	115.8	19	151.5	Nov. 2	164.5
16	108.3	May 7	118.5	26	150.2	9	163.0
23	109.8	14	118.5	Sept. 2	150.5	16	162.5
30	108.7	21	118.5	9	144.8	23	162.8
Feb. 6	111.3	28	118.3	16	149.2	30	160.0
13	110.6	June 4	118.5	23	159.5	Dec. 7	160.0
20	111.5	11	117.5	Oct. 7	149.2	14	158.9
27	111.0	18	117.5	14	151.5	21	162.0
Mar. 6	111.2	25	119.8	21	154.8	28	150.0

City of Hopewell

(Formerly published as Prince George County)

371800N0771600.1. Local number 52G1 (Formerly 13). Old Dominion Water Corp. Hopewell. 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 1939-68.

371900N0771600.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1964	42.15	Mar. 12, 1965	38.87	Oct. 21, 1966	38.58	Dec. 1, 1967	40.12
10	36.52	19	38.46	28	41.13	8	39.46
17	43.59	26	40.60	Nov. 4	41.41	15	37.84
31	43.18	Apr. 2	40.63	11	41.47	22	39.93
Feb. 7	39.66	9	38.82	18	41.60	29	36.64
14	42.51	16	38.63	25	41.48	Jan. 5, 1968	39.85
21	41.01	23	39.02	2	41.39	12	40.40
28	42.19	30	38.96	9	41.43	19	38.98
Mar. 6	40.54	May 7	39.43	16	41.48	26	39.92
13	42.23	14	39.99	23	41.28	Feb. 2	39.92
20	42.10	21	40.58	30	35.50	9	39.19
27	42.34	28	40.81	Jan. 6, 1967	40.30	16	39.90
Apr. 3	42.00	June 4	41.02	13	41.07	23	39.96
10	41.20	11	41.05	20	41.42	Mar. 1	39.80
17	41.71	18	40.34	27	41.06	8	40.35
24	41.54	25	40.77	Feb. 3	41.24	15	36.00
May 1	35.26	July 2	42.25	10	41.14	22	39.12
15	41.03	9	42.43	17	41.20	29	39.90
22	42.61	16	42.32	24	39.49	Apr. 5	39.95
29	42.66	23	42.78	Mar. 4	40.91	12	39.60
June 5	42.88	30	42.79	10	41.14	19	39.66
12	42.90	Aug. 6	42.97	17	40.95	26	39.48
19	42.96	13	43.00	24	41.60	May 3	39.48
27	43.12	Sept. 17	42.83	31	41.10	10	39.88
July 3	42.96	24	42.66	Apr. 7	40.70	17	39.56
10	42.96	Oct. 1	42.54	14	40.99	24	39.74
20	36.63	8	42.31	21	40.82	31	37.44
24	40.73	15	42.76	28	40.86	June 7	37.04
31	40.30	22	42.39	May 5	41.00	14	39.20
Aug. 7	40.34	Nov. 5	42.82	12	40.64	21	37.37
17	42.46	12	42.63	19	40.86	28	39.18
21	42.85	19	42.44	26	41.57	July 5	39.59
28	42.22	25	42.61	June 2	40.79	12	39.66
Sept. 4	41.61	Jan. 7, 1966	38.30	9	40.68	19	39.65
11	42.86	May 6	41.31	16	40.60	26	39.73
19	42.48	13	42.19	23	40.46	Aug. 2	39.76
Oct. 3	42.56	20	42.04	30	40.52	9	39.68
9	41.62	27	41.80	July 7	40.69	16	39.76
16	42.44	June 3	40.90	14	40.38	23	39.09
23	42.34	10	41.84	21	40.52	30	39.75
30	41.84	17	41.98	28	40.15	Sept. 6	39.56
Nov. 6	41.13	24	41.98	Aug. 4	40.65	13	39.54
13	40.39	July 1	42.06	11	40.63	20	38.68
20	39.84	8	41.92	18	40.36	27	39.47
27	38.09	15	41.02	25	27.11	Oct. 4	39.64
Dec. 4	39.40	22	42.11	Sept. 1	35.76	11	39.44
11	39.26	29	41.89	8	39.91	18	38.88
18	39.55	Aug. 5	33.97	15	39.91	25	39.17
24	39.81	12	41.31	22	39.02	Nov. 1	39.60
Jan. 4, 1965	39.55	19	41.79	29	39.74	8	39.51
8	39.63	26	42.58	Oct. 6	40.09	15	38.95
15	39.74	Sept. 2	41.71	13	40.20	22	39.31
22	39.80	9	41.91	20	39.92	29	39.07
29	39.36	16	42.06	27	40.08	Dec. 6	40.02
Feb. 5	39.83	23	37.06	Nov. 3	39.74	13	39.92
12	39.36	30	37.54	10	40.06	20	39.84
19	39.19	Oct. 7	40.62	17	40.38	27	39.81
26	38.93	14	41.59	24	40.14		
Mar. 5	33.76						

Accomack County

375600N0752900.2. Local number 67M2. (Formerly 8a). U.S. Naval Air Station well B31. Vallops 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 22.31 below lsd, Jan. 20, 1967. Records available: 1963-68.

375500N0752800, 2--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1964	19.36	Sept. 17, 1964	19.10	Apr. 8, 1966	21.25	Oct. 25, 1966	21.81
26	19.10	25	19.16	22	21.35	Nov. 3	21.79
Mar. 12	18.76	29	19.13	May 5	21.43	18	21.70
18	18.61	Oct. 10	19.17	20	21.73	Dec. 20	21.61
Apr. 8	18.21	15	19.11	June 1	21.44	Jan. 11, 1967	22.09
28	18.03	28	19.10	7	21.71	20	22.31
May 6	18.21	Nov. 6	19.08	16	21.73	Mar. 3	21.98
14	17.98	Dec. 1	19.29	28	21.51	May 19	21.82
June 2	18.06	Jan. 27, 1965	19.95	July 7	21.31	June 6	21.83
10	18.10	Feb. 11	19.90	19	21.60	Aug. 22	21.79
26	18.35	Mar. 3	19.61	27	21.71	Sept. 13	21.99
July 9	18.76	Apr. 20	19.37	Aug. 2	21.71	Nov. 6	21.98
24	18.71	May 12	19.25	Sept. 8	21.71	Mar. 18, 1968	21.67
29	18.85	June 30	19.56	14	21.23	May 7	21.17
Aug. 20	18.86	July 15	19.58	28	21.66	Aug. 8	21.22
28	19.23	26	19.71	Oct. 7	21.55	16	21.48
Sept. 2	19.10	Sept. 16	20.52	19	21.91	Sept. 30	21.40
9	19.06	Mar. 28, 1966	21.29				

Arlington County

355346N0770737.1. 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: 1931-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	26.83	June 1, 1965	26.18	Aug. 30, 1966	29.73	Oct. 26, 1967	26.61
28	25.38	29	26.74	Sept. 14	30.22	Nov. 27	27.62
Apr. 2	24.15	July 30	27.48	30	29.73	Dec. 26	27.40
May 1	22.80	Aug. 31	28.25	Nov. 1	28.66	Jan. 26, 1968	26.40
June 1	22.11	Sept. 30	28.97	30	28.80	Feb. 26	26.36
29	23.12	Nov. 1	29.48	Dec. 30	29.13	Mar. 27	25.90
July 31	24.43	Dec. 1	30.07	Jan. 31, 1967	28.32	Apr. 26	25.74
Sept. 2	25.78	29	30.59	Feb. 27	27.81	May 27	26.43
Oct. 1	26.95	Feb. 6, 1966	31.68	Mar. 31	26.47	June 26	25.90
29	27.68	28	30.59	Apr. 28	25.90	July 26	25.90
Nov. 30	28.49	Apr. 1	29.88	June 1	25.92	Aug. 26	26.51
Dec. 30	29.14	26	29.85	26	26.21	Sept. 25	27.27
Feb. 1, 1965	28.95	May 4	29.60	July 26	26.39	Oct. 25	28.11
Mar. 1	28.17	June 1	28.60	Aug. 28	25.55	Nov. 27	28.68
31	26.89	29	28.38	Sept. 27	25.69	Dec. 30	28.96
Apr. 30	25.91	Aug. 1	28.86				

385346N0770519.1. Local number 2. Grace Jones. 1918 N. Wayne St. Arlington. Dug unused water-table well in terrace gravels of Holocene age, diam 25 in, depth 28 ft. Lsd 235 ft above msl. MP top of terra cotta casing, 1.43 ft above lsd. Highest water level 15.85 below lsd, May 20, 1933; lowest 25.42 below lsd, Mar. 21, 28, 1931. Records available: 1928-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	20.77	June 1, 1965	21.77	Aug. 30, 1966	23.02	Oct. 26, 1967	21.02
28	19.37	29	22.26	Sept. 14	23.23	Nov. 27	21.97
Apr. 2	19.48	July 30	22.82	30	22.97	Dec. 26	20.91
May 1	18.52	Aug. 31	23.39	Nov. 1	21.99	Jan. 26, 1968	20.07
June 1	18.86	Sept. 30	23.79	30	22.42	Feb. 26	20.50
29	20.30	Nov. 1	24.09	Dec. 30	22.01	Mar. 26	19.59
July 31	21.13	Dec. 1	24.40	Jan. 31, 1967	21.74	Apr. 29	20.04
Sept. 2	21.79	29	24.64	Feb. 27	21.11	May 27	20.66
Oct. 1	22.07	Feb. 21	24.00	Mar. 31	19.46	June 26	19.08
29	22.78	28	23.75	Apr. 28	19.80	July 26	19.72
Nov. 30	23.06	Apr. 1	22.78	June 1	20.18	Aug. 26	20.79
Dec. 30	23.83	26	22.66	June 26	20.72	Sept. 25	21.57
Feb. 1	23.62	June 1	21.60	July 26	21.12	Oct. 26	22.09
Mar. 1	22.91	29	21.75	Aug. 28	18.77	Nov. 27	22.40
31	21.47	Aug. 1	22.39	Sept. 27	20.16	Dec. 30	22.62
Apr. 30	21.10						

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 dry, Aug.-Nov. 1966. Records available: 1958-67. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	36.30	Dec. 30, 1964	39.66	Nov. 1, 1965	40.40	Aug. 30, 1966	f
28	34.40	Feb. 1, 1965	39.00	Dec. 1	40.72	Sept. 30	f
Apr. 2	33.59	Mar. 1	37.81	29	40.82	Nov. 1	f
May 1	32.41	31	35.78	Feb. 21, 1966	40.26	30	f
June 1	32.38	Apr. 30	34.85	28	39.90	Dec. 30	37.47
29	33.25	June 1	34.87	Apr. 1	38.18	Feb. 1	36.48
July 29	34.88	29	35.46	May 4	36.48	27	35.66
Sept. 2	36.55	July 30	36.77	June 1	35.47	Mar. 31	34.02
Oct. 1	36.95	Aug. 31	38.37	29	37.28	Apr. 2 ⁸	35.10
29	38.97	Sept. 30	39.70	Aug. 1	37.30	June 1	33.43
Nov. 30	39.59						

f Dry

385253N0770423.1. Local number 4. U.S. Dept. of Defense. Arlington National Cemetery. Dug unused water-table well in terrace gravels of Holocene 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 44.90 below lsd, Mar. 4, 1966. Records available: 1958-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	44.00	Apr. 30, 1965	44.02	Aug. 1, 1966	44.53	Oct. 27, 1967	42.94
28	43.57	June 1	43.88	30	44.40	Nov. 2 ⁸	43.14
Apr. 2	43.10	29	43.88	Oct. 4	43.88	Dec. 2 ⁸	43.27
May 1	42.78	July 30	43.94	Nov. 1	43.59	Jan. 2 ⁸	43.15
June 1	42.42	Aug. 31	44.07	30	43.40	Feb. 2 ⁸	42.89
29	42.44	Sept. 30	44.23	Dec. 30	43.40	Mar. 27	42.83
July 31	42.75	Nov. 1	44.36	Feb. 1	43.47	Apr. 2 ⁸	42.72
Sept. 2	43.03	Dec. 1	44.46	27	43.45	May 3 ¹	42.70
Oct. 1	43.32	29	44.56	Mar. 31	43.30	June 2 ⁸	42.80
29	43.52	Feb. 21	44.80	Apr. 28	43.07	July 2 ⁸	42.46
Nov. 30	43.74	28	44.80	June 5	42.84	Aug. 2 ⁸	42.58
Dec. 30	43.95	Apr. 1	44.88	26	42.80	Sept. 2 ⁸	42.68
Feb. 4, 1965	44.20	May 4	44.90	July 26	42.85	Oct. 2 ⁸	42.94
Mar. 1	44.28	June 1	44.73	Aug. 28	43.12	Nov. 27	43.20
31	44.23	29	44.58	Sept. 27	43.04		

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 Formation, late Precambrian (?) age, diam 4 ft, depth 24 ft. Lsd 400 ft above msl. MP top of wood recorder platform, 5.05 ft above lsd. Highest water level 9.63 below lsd, Apr. 30, 1952; lowest 23.58 below lsd, Dec. 26, 1931. Records available: 1931-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	14.94	June 1, 1965	14.81	Aug. 30, 1966	18.73	Oct. 26, 1967	16.67
28	13.48	29	15.77	Sept. 30	18.20	Nov. 27	17.07
Apr. 2	12.83	July 30	16.63	Nov. 1	17.05	Dec. 26	15.66
May 1	12.13	Aug. 31	17.43	30	16.90	Jan. 26, 1968	14.80
June 1	13.04	Sept. 30	18.06	Dec. 30	16.90	Feb. 26	14.89
29	14.37	Nov. 1	18.48	31	16.58	Mar. 27	13.82
July 31	15.62	Dec. 1	18.90	Jan. 31, 1967	15.83	Apr. 26	14.38
Sept. 2	12.79	29	19.24	Feb. 27	15.23	May 29	13.96
Oct. 1	17.29	Feb. 4, 1966	19.75	Mar. 31	14.18	June 26	14.28
29	17.75	28	18.03	Apr. 28	14.43	July 26	15.21
Nov. 30	18.07	Apr. 1	17.45	June 1	14.54	Aug. 27	15.88
Dec. 30	17.70	26	16.97	26	15.45	Sept. 25	16.55
Feb. 1, 1965	16.63	May 4	16.26	July 26	16.10	Oct. 25	17.13
Mar. 1	15.95	June 1	16.23	Aug. 28	14.71	Nov. 26	16.42
31	14.36	29	16.78	Sept. 26	16.00	Dec. 30	16.45
Apr. 30	14.11	Aug. 1	17.73				

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, many days in 1964-65. Records available: 1954-65. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	27.12	May 1, 1964	22.05	July 31, 1964	26.64	Nov. 30, 1964	f
28	25.09	June 2	21.46	Sept. 2	29.40	Dec. 30	f
Apr. 2	23.39	29	23.80	Oct. 29	f	Feb. 1, 1965	f

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. Highest water level 14.93 below lsd, May 1, 1962; lowest 27.57 below lsd, Nov. 30, 1964. Records available: 1957-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	22.81	Apr. 30, 1965	22.87	Aug. 30, 1966	26.08	Nov. 27, 1967	23.65
28	21.38	June 1	22.23	Sept. 30	26.86	Dec. 26	23.06
Apr. 2	20.05	29	22.67	Nov. 1	26.39	Jan. 26, 1968	21.66
May 1	18.57	July 30	23.73	30	25.68	Feb. 26	20.90
June 2	17.80	Aug. 31	25.03	Dec. 30	25.23	Mar. 27	20.15
29	19.27	Sept. 30	25.79	Jan. 31, 1967	24.49	Apr. 29	19.53
July 31	21.17	Nov. 1	26.33	Feb. 27	23.76	May 29	19.30
Sept. 2	23.03	Dec. 1	26.61	Mar. 31	22.60	June 26	19.08
Oct. 1	24.33	29	26.84	Apr. 28	21.79	July 26	19.39
29	25.05	Feb. 28, 1966	26.69	June 1	21.08	Aug. 27	20.98
Nov. 30	27.57	Apr. 1	25.34	26	21.86	Sept. 26	21.97
Dec. 30	25.97	May 4	24.36	Aug. 28	22.45	Oct. 26	22.92
Feb. 4, 1965	26.11	June 1	23.44	Sept. 26	22.61	Nov. 26	23.38
Mar. 1	25.43	29	23.22	Oct. 26	23.23	Dec. 30	23.31
31	24.22	Aug. 1	24.82				

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: 1957-64. Feb. 3, 29.35; 28, 28.00; Apr. 2, 26.99; May 1, 26.04; June 2, 26.52; 29, 28.18; July 31, 30.13; Sept. 2, 1964, 33.27. Measurement discontinued.

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: 1957-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1964	45.30	Apr. 30, 1965	45.20	Oct. 3, 1966	45.47	Nov. 27, 1967	45.40
28	44.79	June 1	45.37	Nov. 1	45.37	Dec. 26	45.34
Apr. 2	44.93	29	45.39	Dec. 1	45.28	Jan. 29, 1968	45.22
May 1	44.80	July 30	45.51	30	45.16	Feb. 26	45.25
June 2	45.07	Aug. 31	45.48	Jan. 31, 1967	45.12	Mar. 25	45.19
29	45.22	Sept. 30	45.57	Feb. 27	45.00	Apr. 29	45.07
July 31	45.38	Nov. 1	45.60	Mar. 31	45.01	May 29	45.16
Sept. 2	45.46	Dec. 1	45.52	Apr. 28	45.15	June 28	45.05
Oct. 1	45.40	29	45.52	June 1	45.12	July 29	45.33
29	45.42	Apr. 1, 1966	45.26	26	45.17	Aug. 26	45.31
Nov. 30	45.40	May 4	45.28	July 26	45.21	Sept. 25	45.32
Dec. 30	45.32	June 1	45.45	Aug. 30	45.17	Oct. 30	45.41
Feb. 4, 1965	45.45	29	45.45	Sept. 26	45.41	Nov. 27	45.38
Mar. 1	45.41	Aug. 1	45.64	Oct. 26	45.52	Dec. 30	45.40
	45.19	31	45.78				

Isle of Wight County

364009N0765433.1. Local number 161. Union-Camp Corp. Formerly Union Bag-Camp Paper Co., Franklin. Drilled observation artesian well in sand of Potomac Group of Early and Late Cretaceous age, diam 6 in, depth 605 ft, cased with steel. Lsd 58.4 ft above msl. MP top of casing, 10.50 ft above lsd. Highest water level 7.10 above lsd, Nov. 27, 1941; lowest below 123.50 below lsd, Nov. 23, 1959. Records available: 1941-60. Obstruction at 123.50 ft; water level below 123.50 ft. Water level affected by local pumpage. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1959	99.12	May 18, 1959	107.60	Sept. 28, 1959	114.90	Feb. 8, 1960	117.28
12	100.10	25	107.36	Oct. 5	114.35	15	115.04
19	94.68	June 1	103.62	12	114.80	22	117.90
26	100.90	8	106.70	19	114.22	29	113.05
Feb. 2	101.80	15	107.48	26	110.56	Mar. 7	111.50
9	100.58	22	108.84	Nov. 2	113.18	14	114.20
16	101.68	29	109.64	9	115.92	21	114.48
23	102.10	July 6	109.86	16	117.10	28	110.87
Mar. 2	100.70	14	99.25	23	123.50	Apr. 1	88.50
9	104.12	20	100.52	30	116.34	4	79.40
16	102.95	27	100.05	Dec. 7	117.78	11	106.19
23	105.55	Aug. 3	100.40	14	123.50	18	112.00
30	105.96	10	100.55	21	123.50	25	114.68
Apr. 6	99.90	17	99.70	28	92.26	May 2	113.04
13	105.25	24	99.05	Jan. 4, 1960	114.56	9	110.58
20	103.72	31	100.80	11	123.50	16	113.44
27	104.35	Sept. 8	97.30	18	123.50	23	114.40
May 4	102.90	14	108.50	25	115.39	30	114.98
11	105.70	21	112.45	Feb. 1	115.85		

364059N0765449.1. Local number 55B16. Union-Camp Corp. Franklin. Lumberyard well. Drilled observation well in sand of Potomac Group of Early and Late Cretaceous age, diam 6 in, depth 305 ft, cased with steel. Lsd 25 ft above msl. MP top edge of recorder platform 3.2 ft above lsd. Highest water level 96.30 below lsd, Dec. 27, 1960; lowest 132.3 below lsd, Dec. 2, 1965. Records available 1960-66. Measurement begin June, 1960, to continue record of abandoned local number 161, 1 mi to south. Water level affected by local pumpage.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1960	115.88	Oct. 17, 1961	103.87	Apr. 24, 1963	105.6	Oct. 21, 1964	113.97
13	116.59	24	106.56	30	105.4	28	116.02
20	117.35	31	106.82	May 7	106.9	Nov. 3	113.26
27	118.39	Nov. 7	104.45	14	108.0	10	113.46
July 4	119.66	14	107.16	22	107.0	17	113.66
11	111.78	21	105.47	28	107.3	25	115.08
16	115.10	28	105.32	June 4	110.1	Dec. 1	114.48
22	117.21	Dec. 5	103.46	12	107.5	9	112.20
25	117.72	10	104.80	20	108.0	17	118.02
Aug. 1	118.20	19	104.76	27	106.0	23	117.39
8	118.96	22	102.35	July 3	107.39	30	109.40
15	119.13	31	100.58	10	100.83	Jan. 4, 1965	112.10
22	114.00	Jan. 2, 1962	102.14	17	104.24	11	113.15
29	117.25	9	102.79	24	105.60	18	112.98
Sept. 6	109.30	15	102.34	31	106.90	25	113.61
12	106.65	23	103.84	Aug. 7	106.40	Feb. 1	114.30
19	111.19	30	103.07	14	109.08	8	114.80
26	114.06	Feb. 8	104.7	21	109.16	15	115.37
Oct. 3	116.00	13	106.1	28	110.12	22	115.80
10	116.00	20	104.3	Sept. 3	104.19	Mar. 9	115.28
17	116.07	26	103.6	10	101.52	16	114.97
24	116.69	Mar. 6	102.67	16	105.31	23	115.58
31	100.28	13	103.84	24	109.36	30	115.88
Nov. 8	108.72	20	102.38	30	108.05	Apr. 6	116.40
15	113.30	27	102.30	Oct. 8	109.17	13	115.50
22	112.17	Apr. 5	103.04	14	109.27	21	115.50
29	112.37	11	101.50	22	110.00	29	116.40
Dec. 6	114.23	17	103.65	28	109.90	May 4	117.39
13	113.83	24	104.16	Nov. 5	111.10	11	117.95
20	106.25	30	102.33	11	110.17	18	119.34
27	96.30	May 1	103.45	19	109.40	25	120.50
Jan. 3, 1961	106.55	8	104.60	26	110.26	June 1	119.85
10	106.60	15	104.14	Jan. 7, 1964	106.53	8	119.60
17	104.97	23	105.22	13	107.20	15	119.89
24	105.76	June 8	106.60	21	110.66	22	119.70
31	107.50	12	106.88	27	109.65	29	119.70
Feb. 6	110.14	19	105.14	Feb. 3	110.43	Aug. 4	121.40
13	105.97	26	104.27	11	110.03	11	121.55
20	106.99	July 3	104.85	17	111.95	19	121.75
26	102.76	10	104.47	25	110.47	27	120.80
Mar. 3	104.05	17	105.07	Mar. 2	112.70	Sept. 7	114.10
10	102.27	24	104.09	10	110.05	14	119.11
16	102.16	31	103.65	24	113.09	21	120.80
23	100.90	Aug. 1	104.75	31	111.87	30	123.49
31	105.40	7	106.14	Apr. 7	112.45	Oct. 5	122.59
Apr. 11	105.00	14	105.99	13	114.16	12	120.85
17	101.13	21	103.70	21	113.84	19	121.69
25	99.19	28	106.35	28	112.05	25	121.30
May 2	100.11	Sept. 7	103.55	May 4	112.86	Nov. 2	120.50
9	99.80	11	105.40	12	114.57	9	121.31
14	101.10	18	106.69	19	112.53	16	120.90
22	101.35	26	106.05	26	113.60	24	121.52
29	99.89	Dec. 4	105.50	June 2	112.95	Dec. 2	132.3
June 6	100.78	12	106.95	9	112.81	10	131.05
13	102.56	18	107.79	16	114.87	20	121.95
20	104.75	31	97.22	22	115.20	28	115.25
28	100.33	Jan. 3, 1963	100.8	30	113.67	Jan. 6, 1966	115.70
July 3	104.23	10	103.1	July 7	110.07	14	120.10
11	100.27	17	104.0	13	110.07	19	120.90
18	100.20	23	104.5	21	113.58	27	119.85
25	100.52	29	104.1	27	114.52	Feb. 3	120.71
Aug. 2	103.19	Feb. 4	105.80	Aug. 4	112.40	9	121.00
8	103.80	11	104.66	11	116.11	18	120.92
16	102.67	18	105.99	18	117.10	25	120.00
22	104.90	26	105.75	25	116.80	Mar. 2	120.12
29	102.43	Mar. 5	105.5	Sept. 1	117.00	8	120.60
Sept. 1	105.13	12	104.4	8	114.49	16	120.53
5	100.45	19	105.4	15	113.00	24	120.41
12	102.18	26	104.4	23	116.26	Apr. 1	120.10
19	103.22	Apr. 2	105.1	30	112.87	14	120.20
27	102.36	9	105.5	Oct. 7	113.71	20	120.17
Oct. 3	105.75	16	105.2	14	111.77	27	121.80
10	104.30						

Louisa County

380217N0781337.1. Local number 45N1. (Formerly 1). Tyler well. Near Theima, 3 mi southwest of Boswells Tavern on Tyler property near State Route 640. Drilled observation water-table well in Wisconsin Formation of late Precambrian (?) 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 34.24 below lsd, Oct. 15, 1966. Records available: 1952-68.

Water level at noon, from recorder graph, 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	30.82	27.75	24.82	23.69	22.98	23.48	25.37	27.43	29.28	e30.9	31.57	31.82
10	30.07	27.23	24.47	23.58	22.78	23.64	25.69	27.74	29.57	e31.0	31.65	31.83
15	29.67	.....	24.25	23.45	22.89	23.95	26.13	28.05	29.87	e31.1	31.73	31.75
20	29.27	26.04	24.10	23.36	22.84	24.32	26.40	28.33	30.16	e31.2	31.79	31.63
25	28.80	25.56	23.86	23.25	22.97	24.66	26.73	28.63	30.44	e31.4	31.85	31.52
Eom	28.23	25.28	23.61	23.07	23.22	25.06	27.14	28.97	30.68	e31.5	31.83	30.84
1965												
5	30.52	.....	.....	24.02	23.34	24.03	e25.33	26.98	.....	30.20	31.55	32.28
10	30.24	.....	.....	25.57	23.86	23.22	e25.64	27.20	.....	30.39	31.72	32.37
15	29.82	.....	.....	25.27	23.60	23.37	24.50	25.82	27.48	.....	30.61	31.87
20	29.48	.....	.....	24.95	23.50	23.47	24.63	26.19	27.78	.....	30.81	31.99
25	29.13	.....	.....	24.69	23.44	23.47	24.90	26.35	28.13	.....	30.99	32.62
Eom	28.67	e26.60	24.30	23.30	23.75	25.02	26.58	28.45	e29.9	31.24	32.20	32.72
1966												
5	32.85	33.37	31.78	30.44	.....	29.58	30.05	32.03	33.75	34.18	33.84	33.60
10	32.93	33.44	31.55	30.38	.....	29.52	30.34	32.39	33.86	34.20	33.77	33.58
15	33.01	33.02	31.25	30.32	.....	29.53	30.64	32.73	33.95	34.24	33.70	33.58
20	33.09	32.82	31.02	30.32	.....	29.61	30.91	33.04	34.06	34.18	33.66	33.56
25	33.18	32.59	30.82	30.27	29.72	29.67	31.24	33.33	34.11	34.04	33.63	33.48
Eom	33.30	31.95	30.54	30.26	29.64	29.85	31.70	33.65	34.15	33.92	33.58	33.40
1967												
5	33.27	31.66	30.33	28.06	27.05	26.76	27.45	28.75	29.89	30.94	31.99	32.72
10	33.12	31.40	30.03	27.74	26.90	26.70	27.58	28.94	30.09	31.09	32.11	32.73
15	32.90	31.21	29.45	27.53	26.82	26.84	27.82	29.24	30.26	31.31	32.23	32.22
20	32.72	30.97	29.22	27.44	26.73	26.91	28.06	29.42	30.44	31.49	32.39	31.96
25	32.49	30.74	28.88	27.35	26.71	27.05	28.21	29.65	30.63	31.64	32.49	31.68
Eom	31.94	30.52	28.50	27.06	26.64	27.22	28.55	29.79	30.79	31.81	32.64	31.0
1968												
5	30.7	28.70	27.66	26.66	26.32	.....	.....	.....	.....	.....	.....	.....
10	30.4	28.36	27.55	26.62	26.35	.....	.....	.....	.....	.....	.....	.....
15	30.0	28.17	27.61	26.39	26.40	.....	.....	.....	.....	.....	.....	.....
20	29.5	27.95	27.18	26.40	26.48	.....	.....	.....	.....	.....	.....	.....
25	29.2	27.88	27.13	26.32	26.72	.....	.....	.....	.....	.....	.....	.....
Eom	28.9	27.73	26.85	26.22	26.60	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Southampton County

364706N0770723.1. Well number 54C1. (Formerly 29). Norfolk and Western Railway. Formerly Virginian Railway. Sebrrell. Drilled unused artesian well in sand and gravel of pre-Miocene age, diam 10 in, depth 344 ft, cased with steel. Lsd 58.4 ft above msl. MP top of casing, at lsd. Highest water level 15.00 ft below lsd, 1907; lowest 58.22 below lsd, July 21, 1964. Records available: 1907, 1938, 1940-46, 1948-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	55.82	Apr. 27, 1965	57.97	Aug. 9, 1966	55.7	Nov. 8, 1967	71.13
Feb. 18	54.98	June 8	57.76	Sept. 28	62.30	Dec. 19	71.63
Mar. 31	55.89	July 20	58.00	Oct. 31	63.37	Jan. 29, 1968	72.09
May 13	56.40	Aug. 31	58.60	Dec. 5	64.48	Mar. 11	72.47
June 16	57.18	Oct. 12	60.09	Jan. 17, 1967	65.30	May 1	72.97
July 21	58.22	Nov. 30	59.70	Feb. 28	65.16	June 3	73.43
Sept. 2	56.94	Jan. 11, 1966	60.07	Apr. 12	66.65	July 17	74.18
Oct. 13	56.88	Feb. 23	59.99	May 23	67.32	Aug. 5	74.68
Nov. 17	57.28	Apr. 5	59.96	July 6	68.44	Sept. 5	75.33
Dec. 22	57.10	May 18	60.07	Aug. 10	68.91	Oct. 7	75.43
Mar. 16, 1965	57.17	June 21	60.14	Oct. 5	70.30	Nov. 12	75.98

Sussex County

365806N0765922.1. 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 1.0 ft above lsd. Highest water level 63.55 below lsd, Apr. 16, 1940; lowest 93.57 below lsd, June 30, 1964. Records available: 1938, 1940-64. Measurement discontinued.

365806N0765922, 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	90.45	Apr. 13, 1964	90.32	July 7, 1964	92.85	Sept. 29, 1964	91.55
15	89.81	20	90.50	16	92.10	Oct. 12	91.22
22	90.07	27	90.63	20	91.73	20	91.12
27	89.98	May 5	90.71	27	91.80	26	91.18
Feb. 3	90.06	12	91.45	Aug. 4	92.52	Nov. 4	91.13
18	89.76	18	90.92	11	91.73	10	91.63
25	89.58	25	91.44	17	92.42	18	91.39
Mar. 2	89.75	June 1	91.12	26	92.66	23	91.62
11	90.28	8	91.45	31	92.36	Dec. 2	91.98
17	90.70	16	92.26	Sept. 8	92.53	7	91.90
23	90.10	24	92.18	15	91.62	14	92.32
31	90.63	30	93.57	21	91.77	22	91.89
Aug. 6	90.33						

WEST VIRGINIA

The observation-well program was continued during the period 1964 through 1968 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 and the magisterial districts have been numbered in a general southward direction. Wells within the magisterial districts 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, unless otherwise indicated.

Barbour County

391435N0800157.1. Local number 14-1-1. West Virginia Dept. of Natural Resources. Pleasant Creek. 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: 1953-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1964	29.10	Sept. 16, 1964	25.70	May 21, 1965	34.10	Feb. 21, 1966	24.60
9	28.20	23	20.10	28	36.30	28	20.10
16	30.20	30	21.50	June 4	38.60	Mar. 5	27.40
24	24.00	Oct. 8	24.60	11	37.10	12	36.60
30	27.90	15	26.90	18	38.80	19	38.20
Feb. 6	33.50	22	22.10	25	34.20	26	36.90
13	30.00	29	24.90	July 1	36.20	Apr. 2	33.10
20	32.30	Nov. 2	36.60	8	33.30	9	30.00
27	33.00	9	32.00	15	28.90	16	23.50
Mar. 3	30.30	16	33.90	22	27.50	23	16.90
10	29.40	23	26.10	29	28.50	30	18.40
17	33.90	30	23.90	Aug. 6	28.10	May 7	17.10
23	33.60	Dec. 3	21.70	13	27.10	14	34.40
30	32.70	10	25.00	20	25.30	21	30.30
Apr. 9	31.50	17	22.80	27	26.80	28	36.50
16	32.80	24	15.60	Sept. 5	26.50	June 6	30.20
23	34.30	31	7.10	12	28.20	13	30.20
30	36.30	Jan. 3, 1965	11.20	19	21.60	20	27.30
May 1	32.10	10	10.90	26	24.60	27	18.00
8	36.50	17	11.10	Oct. 3	24.10	July 2	19.40
15	35.10	24	19.10	10	22.00	5	21.20
22	37.60	31	17.20	17	19.90	18	23.00
29	34.50	Feb. 6	25.20	24	25.10	25	22.40
June 5	36.40	13	24.20	31	21.70	30	16.80
12	34.40	20	28.10	Nov. 7	22.10	Aug. 6	23.10
19	34.20	27	30.80	14	19.80	15	18.60
26	29.10	Mar. 3	24.90	21	19.80	20	21.90
July 3	31.60	10	28.70	28	17.80	27	21.10
10	30.50	17	29.60	Dec. 6	17.70	Sept. 3	22.00
17	25.10	24	25.10	13	21.10	10	23.20
23	26.90	31	27.30	20	18.10	17	20.10
30	23.50	Apr. 3	31.10	27	16.60	24	17.70
Aug. 6	24.50	10	29.20	Jan. 5, 1966	16.50	Oct. 4	21.30
13	26.20	17	30.10	12	17.10	11	16.80
20	26.60	24	28.60	19	19.50	18	16.80
27	24.70	30	26.00	26	17.20	25	19.30
Sept. 2	27.30	May 7	35.90	Feb. 7	25.90	Nov. 1	17.40
9	26.90	14	40.50	14	22.00	8	17.50

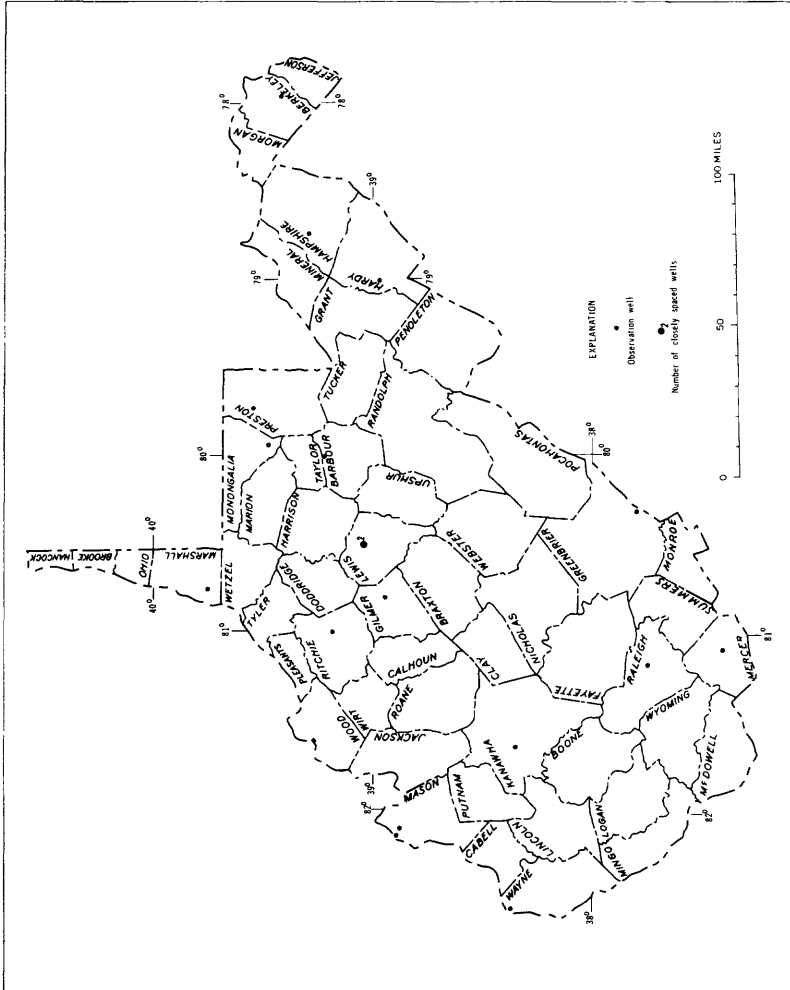


Figure 12. ---Location of observation wells in West Virginia, 1964-68.

391435N0800157.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 15, 1966	11.40	May 30, 1967	13.90	Dec. 11, 1967	25.10	June 22, 1968	20.30
22	8.40	June 6	15.30	17	27.50	29	14.70
29	5.40	13	15.30	24	20.10	July 6	18.60
Dec. 6	6.10	20	10.20	31	17.70	13	13.60
13	6.80	27	14.10	Jan. 7, 1968	15.30	20	15.60
20	6.00	July 3	15.10	14	17.10	27	15.70
27	6.20	10	16.20	21	15.80	Aug. 3	14.10
Jan. 3, 1967	6.20	17	15.00	28	8.60	10	16.10
10	7.70	24	15.50	Feb. 4	11.30	17	14.20
17	8.40	31	12.80	11	16.30	24	25.90
24	13.90	Aug. 7	26.40	18	21.40	31	20.20
31	14.80	14	18.10	25	38.90	Sept. 7	18.70
Feb. 7	15.80	21	18.00	Mar. 3	39.40	14	13.70
14	16.20	28	20.30	10	34.70	21	16.30
21	16.40	Sept. 4	18.30	17	34.20	28	21.30
28	21.30	11	19.70	24	44.80	Oct. 5	17.50
Mar. 7	13.90	18	19.80	31	41.70	12	12.40
14	16.80	25	20.30	Apr. 7	36.80	19	12.90
21	16.80	Oct. 2	18.10	14	36.70	26	11.60
28	25.50	9	21.20	21	41.40	Nov. 2	12.80
Apr. 4	30.50	16	21.90	28	36.90	9	10.80
11	26.70	23	13.00	May 5	34.20	16	5.80
18	22.80	30	13.30	12	18.20	23	8.60
25	25.50	Nov. 6	13.90	19	15.10	30	7.60
May 2	23.30	13	21.40	26	12.90	Dec. 7	10.50
9	15.40	20	26.70	June 4	17.30	14	6.00
16	9.00	27	22.70	11	18.30	21	5.80
23	10.10	Dec. 4	21.80	18	15.60		

Berkeley County

392725N0775824.1. Local number 20-5-7. Martinsburg Mills, Inc. Formerly Interwoven Stocking Co. Martinsburg. Drilled unused artesian(?) 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 64.20 below lsd, Nov. 27, 1966. Records available: 1956-68.

Lowest water level for the day, from recorder graph 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	50.20	37.55	36.64	33.38	38.57	.....	41.82	46.43	.....	55.27	.....
10	.....	.....	36.24	36.07	34.76	39.96	.....	42.93	48.03	51.22	55.81	56.28
15	.....	46.48	34.24	34.10	35.60	39.20	39.57	43.97	48.84	52.40	56.08	56.33
20	.....	.....	34.50	34.75	36.89	.....	40.83	44.16	49.58	52.68	56.55	56.94
25	48.63	.....	34.85	34.48	37.77	39.24	41.11	45.28	50.19	54.32	55.96	.....
Eom	49.00	.....	35.95	32.20	38.27	39.61	41.87	46.05	48.74	.....	.....	56.99
1965												
5	57.30	56.19	.....	36.50	39.41	41.00	43.46	48.48	.....	.....	.....	.....
10	.....	51.38	39.50	37.02	38.15	.....	44.10	.....	.....	.....	.....	.....
15	.....	.....	39.58	37.84	38.73	.....	44.30	.....	.....	.....	.....	.....
20	56.97	50.94	38.31	38.38	39.53	41.50	45.22	.....	.....	.....	.....	.....
25	.....	.....	37.65	38.55	39.95	41.86	46.35	.....	.....	.....	.....	.....
Eom	.....	.....	35.55	39.40	40.65	42.45	47.05	.....	.....	.....	.....	.....
1966												
5	.....	.....	.....	.....	.....	54.05	56.92	58.61	62.24	56.67	60.60	59.85
10	.....	.....	.....	.....	.....	54.62	.....	59.20	62.84	57.60	61.58	61.38
15	.....	.....	.....	.....	.....	55.54	57.13	59.14	53.80	58.00	62.06	59.70
20	.....	.....	.....	.....	52.22	56.18	47.41	59.70	56.83	57.30	63.10	60.43
25	.....	.....	.....	.....	52.80	56.70	57.87	59.95	56.40	59.02	63.80	60.75
Eom	.....	.....	.....	.....	.....	53.20	56.36	58.45	60.90	60.15	57.27	58.53
1967												
5	58.66	56.16	54.05	37.83	38.75	38.36	.....	33.57	34.27	38.57	41.17	.....
10	58.40	55.91	43.38	37.41	37.14	38.80	39.85	33.76	35.42	39.38	42.19	.....
15	58.39	55.28	43.62	37.66	36.86	39.30	35.83	35.24	36.20	40.10	43.29	.....
20	.....	55.05	40.67	37.66	36.94	39.60	37.00	36.35	37.08	39.87	44.29	.....
25	58.50	54.48	39.34	37.92	37.36	38.88	37.39	34.30	37.82	41.28	.....	.....
Eom	55.90	.....	38.40	38.16	37.76	40.60	37.96	32.74	37.35	40.41	.....	.....
1968												
5	42.22	35.00	36.88	33.15	36.68	34.57	38.13	42.30	46.90	51.59	55.37	53.85
10	42.39	35.43	37.04	33.61	37.02	35.80	38.86	42.86	46.62	52.39	54.94	54.67
15	.....	35.85	33.71	34.76	37.43	35.60	39.50	43.36	.....	53.64	50.80	.....
20	36.03	36.26	30.28	35.28	37.95	36.53	39.93	43.06	47.94	51.65	50.97	55.55
25	34.76	36.67	29.99	35.04	36.93	37.34	40.40	.....	49.20	53.10	52.87	55.50
Eom	35.03	37.01	31.87	35.68	32.91	37.67	41.82	45.93	50.54	54.56	54.19	55.75

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. 23, 1958; lowest 18.75 below lsd, Nov. 30, 1953. Records available: 1953-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1964	18.02	Apr. 4, 1965	15.84	July 18, 1966	18.18	Oct. 2, 1967	17.91
12	17.26	11	16.13	25	18.19	9	17.91
19	16.22	18	15.83	22	18.09	16	17.93
26	16.53	25	15.90	Aug. 1	18.25	23	18.00
Feb. 2	16.60	May 2	15.57	8	18.19	30	17.96
9	16.91	9	16.17	15	18.13	Nov. 6	17.71
16	16.26	16	16.59	22	18.09	13	17.73
23	15.76	23	16.94	29	18.08	20	17.87
Mar. 1	16.04	30	17.18	Sept. 5	18.16	27	17.78
8	15.67	June 6	17.48	12	18.21	Dec. 4	17.33
15	15.71	13	17.60	19	18.16	11	17.18
22	15.94	20	17.79	26	18.11	18	17.19
29	16.22	27	17.95	Oct. 3	17.92	27	16.95
Apr. 5	16.59	July 4	18.01	10	17.89	Jan. 2, 1968	16.91
12	16.38	11	17.96	17	17.86	8	16.50
19	16.59	18	17.84	24	17.82	15	16.40
26	16.01	25	17.92	31	17.98	22	15.50
May 3	16.46	Aug. 1	18.03	Nov. 7	18.08	29	15.99
10	16.86	8	18.15	14	18.04	Feb. 5	16.06
17	17.24	15	18.18	21	18.12	12	16.51
24	17.53	22	18.27	28	18.22	19	17.14
31	17.74	29	18.34	Dec. 5	18.00	26	17.52
June 7	17.88	Sept. 5	18.39	12	17.88	Mar. 4	17.73
14	18.01	12	18.44	19	17.78	11	17.72
21	18.07	19	18.33	28	17.87	18	16.01
28	18.10	26	18.28	Jan. 2, 1967	17.82	25	16.08
July 5	18.10	Oct. 3	18.19	9	17.95	Apr. 1	16.37
12	18.15	10	18.10	16	18.08	8	16.20
19	18.14	17	17.99	23	18.16	15	16.47
26	18.22	24	18.04	30	18.20	22	16.85
Aug. 2	18.25	31	18.08	Feb. 6	18.08	29	17.14
9	18.01	Nov. 7	18.22	13	17.67	May 6	17.33
16	17.85	14	18.32	20	17.46	13	17.45
23	17.83	21	18.35	27	16.99	20	17.13
30	17.78	28	18.42	Mar. 8	14.95	27	15.87
Sept. 6	17.79	Dec. 5	18.40	13	15.54	June 3	15.87
13	17.90	12	18.47	20	15.70	10	16.41
20	18.10	19	18.58	27	16.04	17	16.92
27	18.19	26	18.62	Apr. 3	16.57	24	17.23
Oct. 4	17.86	Jan. 2, 1966	18.66	10	16.79	July 1	17.33
11	17.78	9	18.32	17	16.97	8	17.54
18	17.84	16	18.25	24	17.08	15	17.75
25	18.01	23	18.30	May 1	17.20	22	17.85
Nov. 1	18.13	Feb. 13	17.31	8	15.96	29	17.73
8	18.32	20	16.46	15	15.07	Aug. 5	17.75
15	18.44	27	16.96	22	15.54	12	17.31
22	18.38	Mar. 6	16.75	29	16.16	19	17.27
29	18.07	13	17.10	June 5	16.65	26	17.39
Dec. 6	17.88	20	17.39	12	17.13	Sept. 3	17.66
13	17.88	27	17.62	19	17.36	9	17.72
20	17.56	Apr. 3	17.69	26	17.62	16	17.62
27	17.46	10	17.80	July 3	17.73	23	17.67
Jan. 3, 1965	17.16	17	17.40	10	17.75	30	17.72
10	17.08	24	17.33	17	17.83	Oct. 7	17.70
17	16.03	May 1	17.33	24	17.88	14	17.67
24	16.22	8	15.83	31	17.98	21	17.72
31	16.36	15	16.47	Aug. 7	17.63	28	17.74
Feb. 7	16.80	22	16.90	14	17.65	Nov. 4	17.86
14	16.47	29	17.28	21	17.48	18	17.63
21	16.78	June 5	17.58	28	17.40	25	17.50
28	16.84	12	17.89	Sept. 4	17.45	Dec. 2	17.54
Mar. 7	16.87	19	18.05	11	17.58	9	17.38
14	16.86	26	18.18	18	17.78	17	17.53
21	16.64	July 6	18.28	25	17.92	30	17.37
28	15.57	11	18.31				

Greenbrier County

374804N0801740.1. Local number 45-8-2. U. S. Fish & Wildlife Service. Fish Culture Sta. White Sulphur Springs. Drilled unused artesian(?) well in Marcellus and Hamilton Formations of 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 7.77 below lsd, Sept. 28, Oct. 5, 1968. Records available: 1953-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1964	4.68	Apr. 24, 1965	4.97	July 24, 1966	5.62	Oct. 7, 1967	5.43
11	4.27	May 2	4.99	30	5.14	14	5.47
18	4.73	9	4.68	Aug. 6	5.60	22	4.89
25	3.47	15	5.07	13	5.14	Nov. 4	5.10
Feb. 1	4.43	22	5.18	20	5.02	11	5.60
8	4.31	29	4.26	27	5.41	18	5.35
15	4.43	June 5	5.52	Sept. 3	5.41	25	5.02
22	4.45	12	5.43	10	5.64	Dec. 2	4.81
29	4.56	19	5.35	17	4.97	9	4.85
Mar. 7	4.27	27	5.53	24	4.93	23	4.74
14	4.47	July 3	5.48	Oct. 1	4.99	30	5.02
21	4.43	10	5.32	8	5.05	Jan. 6, 1968	5.83
28	5.14	17	5.26	15	5.22	13	6.06
Apr. 4	4.35	24	5.51	22	4.93	20	6.08
11	3.77	31	5.60	29	5.18	26	5.93
18	3.64	Aug. 7	5.64	Nov. 5	4.99	Feb. 3	4.52
25	4.33	14	5.57	12	4.99	10	4.85
May 2	4.35	21	5.57	20	5.16	17	5.24
9	4.56	28	5.49	26	5.18	24	5.56
16	4.64	Sept. 4	5.80	Dec. 3	4.99	Mar. 2	5.52
23	4.72	11	5.82	10	5.05	9	6.43
30	4.72	18	5.49	17	4.99	16	4.89
July 4	5.99	25	5.49	24	4.97	23	4.81
11	6.14	Oct. 2	5.08	31	4.99	30	5.00
18	5.87	9	5.00	Jan. 7, 1967	4.49	Apr. 6	4.89
25	5.74	16	5.39	21	5.02	13	4.97
Aug. 1	5.66	23	5.18	28	4.64	20	5.00
8	5.80	30	5.31	Feb. 4	5.06	27	5.00
15	5.74	Nov. 6	5.45	11	5.12	May 4	4.87
22	5.84	13	5.45	18	4.68	11	4.89
29	5.95	20	5.50	25	4.89	17	4.77
Sept. 5	5.71	27	5.37	Mar. 4	4.60	26	4.81
12	5.85	Dec. 4	5.44	11	4.93	June 1	4.81
19	5.04	12	5.49	18	4.14	8	4.93
26	5.04	18	5.51	25	4.39	15	5.02
Oct. 3	4.45	25	5.51	Apr. 1	4.60	22	4.56
10	4.60	Jan. 1, 1966	5.52	8	5.27	29	5.81
17	4.83	15	5.30	15	5.16	July 6	5.97
24	5.16	22	5.45	22	5.29	13	6.27
31	5.49	29	5.41	29	4.80	20	6.45
Nov. 7	5.60	Feb. 5	5.41	May 6	5.08	27	7.06
14	5.64	12	4.53	13	5.03	Aug. 3	7.16
21	5.17	19	5.10	20	4.78	10	7.16
28	4.81	26	5.35	27	5.10	17	7.18
Dec. 5	4.66	Mar. 5	4.64	June 3	4.93	24	7.41
12	4.16	12	4.41	10	5.14	31	7.02
19	5.02	19	5.16	17	5.27	Sept. 7	7.14
26	4.97	26	5.10	24	5.29	14	6.85
Jan. 2	4.87	Apr. 2	5.20	July 1	5.33	21	7.48
9	4.97	9	5.18	8	5.45	28	7.77
17	4.87	16	5.01	15	5.43	Oct. 5	7.77
23	4.95	23	5.05	22	5.33	12	7.37
30	4.83	30	4.76	29	5.52	19	5.48
Feb. 6	5.39	May 7	4.85	Aug. 5	5.31	26	6.43
13	5.02	14	5.14	12	5.52	Nov. 2	6.85
20	5.22	21	5.18	19	5.56	9	6.60
27	4.99	28	4.80	26	5.02	16	5.18
Mar. 7	4.60	June 4	5.10	Sept. 2	5.39	24	4.60
14	4.22	12	5.18	9	5.60	30	5.43
20	3.78	18	5.22	16	5.66	Dec. 7	5.47
27	3.22	25	5.49	21	5.68	14	5.85
Apr. 3	4.81	July 2	5.64	28	5.02	21	7.60
10	4.60	9	5.54	30	5.27	28	5.31
17	4.64	16	5.64				

Hampshire County

391900N0784130.1. Local number 23-6-1. State Road Commission. Shanks Roadside Park near Romney.. Drilled public-supply well in sandstone and shale of the Catskill Formation, diam 6 in, depth 51 ft, cased. Lsd about 1,150 ft above msl. MP is edge of hole in pump base at Lsd. Highest water level 4.16 below lsd, Feb. 11, 1957; lowest 14.53 below lsd, Sept. 3, 1957. Records available: 1955-59; 1966-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 26, 1966	11.00	Mar. 31, 1967	9.62	Nov. 3, 1967	9.74	May 31, 1968	3.52
Sept. 2	10.50	Apr. 7	10.37	10	9.67	June 7	8.32
9	11.00	14	8.74	17	9.64	14	9.26
16	10.00	21	8.88	24	9.29	21	10.66
23	10.00	28	8.37	Dec. 1	8.44	28	9.22
30	9.50	May 5	8.64	8	5.46	July 5	9.75
Oct. 7	9.00	12	5.24	15	5.77	12	10.17
14	10.00	19	5.48	22	7.65	19	9.87
21	9.50	26	6.39	29	8.36	26	9.96
28	9.40	June 2	7.68	Jan. 5, 1968	9.05	Aug. 2	9.84
Nov. 4	9.30	9	9.44	12	8.86	9	10.19
11	9.30	16	9.87	19	8.87	16	10.07
18	9.00	23	9.64	26	6.09	23	10.75
25	9.00	30	9.47	Feb. 2	4.35	30	10.79
Dec. 2	9.00	July 7	9.13	9	6.87	Sept. 6	10.17
9	9.00	14	9.02	16	8.57	18	10.22
16	9.00	21	9.44	23	9.14	20	10.65
23	9.00	28	9.65	Mar. 1	9.24	27	10.88
30	8.80	Aug. 4	9.62	8	8.06	Oct. 4	11.39
Jan. 6, 1967	8.70	11	9.82	15	4.59	11	10.07
13	8.48	18	10.03	22	5.31	18	10.09
21	8.47	25	9.37	29	6.38	25	9.89
27	9.18	Sept. 1	9.46	Apr. 5	7.88	Nov. 1	9.88
Feb. 3	7.28	8	9.88	12	8.86	8	9.38
10	6.88	15	9.37	19	9.08	15	9.14
17	6.64	22	10.13	26	9.16	22	9.46
24	7.57	29	9.69	May 3	9.32	29	9.58
Mar. 3	8.78	Oct. 6	10.10	10	9.39	Dec. 6	9.64
10	6.10	13	10.00	17	9.37	13	9.87
17	6.88	20	9.58	24	5.83	27	9.44
24	6.84	27	9.48				

Hardy County

390308N0790012.1. Local number 25-3-9. Village of Fisher. Behind John Deere Store. Unused artesian well in Mahantango Formation of Devonian age, diam 6 in, depth 200+ ft, cased. Lsd about 825 ft above msl. MP is about 1.5 ft above lsd. Highest water level 11.17 below lsd, Mar. 24, 1968; lowest 16.59 below lsd, Aug. 18. 31, Sept. 7, 1966. Records available: 1966-68.

Aug. 18, 1966	16.59	Apr. 12, 1967	13.83	Feb. 11, 1968	11.37	July 27, 1968	15.11
23	16.43	May 2	14.30	18	12.51	Aug. 4	15.25
31	16.59	9	13.49	25	12.84	12	15.24
Sept. 7	16.59	14	13.48	Mar. 3	12.83	18	15.39
14	16.26	June 26	16.58	10	12.59	25	15.55
21	15.90	July 25	14.26	17	11.96	Sept. 1	15.70
28	15.56	Aug. 24	14.73	24	11.17	8	15.81
Oct. 7	15.08	Sept. 22	14.69	31	11.77	18	15.89
14	15.62	Oct. 25	14.74	Apr. 7	12.31	23	15.96
21	15.60	Nov. 6	14.50	15	12.71	30	16.21
28	15.72	12	14.62	22	13.13	Oct. 6	16.27
Jan. 10, 1967	15.74	20	14.86	29	13.38	15	16.39
17	15.74	26	14.94	May 6	13.80	24	16.16
23	15.81	Dec. 3	13.54	13	13.92	30	16.36
30	15.25	10	12.52	20	13.93	Nov. 4	16.35
Feb. 7	15.61	19	13.07	31	14.04	15	15.91
14	15.47	23	12.78	June 8	13.58	23	15.84
21	15.29	30	13.59	15	13.88	28	15.84
Mar. 7	15.21	Jan. 7, 1968	13.49	24	14.15	Dec. 6	16.08
14	13.69	13	13.51	30	14.44	13	16.04
21	12.67	20	13.44	July 6	14.65	20	16.14
28	12.88	28	12.00	14	14.94	30	16.30
Apr. 4	13.37	Feb. 4	11.84	20	15.09		

Kanawha County

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 below lsd. Highest water level 26.76 below lsd, Mar. 20, 1963; lowest 43.44 below lsd, Sept. 6, 1945. Records available: 1941-68.

382055N0813753.1--Continued.

Lowest water level for the day, from recorder graph 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	29.41	29.02	28.82	28.75	28.80	29.08	29.25	29.39	29.46	29.54	.....	29.63
10	29.37	29.11	28.19	28.74	28.84	29.14	29.30	29.36	29.45	29.57	.....	29.66
15	29.22	29.19	28.54	28.79	28.95	29.11	29.37	29.43	29.53	.....	.....	29.63
20	29.23	29.08	28.38	28.76	28.97	29.17	29.28	29.41	29.54	.....	.....	29.56
25	29.10	29.08	28.61	28.63	29.00	29.27	29.30	29.44	29.60	.....	.....	29.57
Fom	29.07	29.23	28.77	28.75	29.02	29.25	29.34	29.46	29.56	.....	.....	.....
1965												
5	.....	29.21	29.06	28.77	28.70	29.11	29.27	29.47	29.55	29.64	29.70	29.67
10	.....	29.00	29.19	28.86	28.76	29.16	29.33	29.51	29.55	29.63	29.67	29.75
15	.....	29.22	29.33	.....	28.85	29.26	29.42	29.45	29.53	29.65	29.70	29.73
20	.....	29.20	29.24	28.70	29.00	29.29	29.43	29.50	29.55	29.60	29.65	29.70
25	.....	29.23	29.10	28.65	29.00	29.30	29.40	29.45	29.60	29.70	29.65	29.80
Fom	29.12	29.19	28.46	28.65	29.05	29.33	29.43	29.45	29.53	29.64	29.76	29.73
1966												
5	29.84	29.98	29.44	29.65	28.94	29.60	29.73	29.90	29.94	30.03	.....	29.94
10	29.80	29.90	29.60	29.75	29.20	29.65	29.82	29.92	29.98	29.95	.....	29.71
15	29.80	29.85	29.48	29.60	29.37	29.67	29.81	29.91	30.01	30.03	.....	29.90
20	29.90	29.55	29.61	29.60	29.45	29.73	29.85	29.95	29.93	30.07	.....	.....
25	29.90	29.50	29.65	29.60	29.49	29.76	29.85	29.95	29.99	30.04	29.85	.....
Fom	29.94	29.60	29.60	29.47	29.57	29.75	29.92	29.97	30.04	30.03	30.09	.....
1967												
5	.....	30.26	31.00	30.79	30.43	29.81	29.82	29.64	29.67	29.80	29.80	29.76
10	.....	30.38	30.05	30.89	30.08	29.84	29.72	29.64	29.67	29.67	29.69	29.73
15	.....	30.56	30.04	30.78	29.88	29.83	29.70	29.67	29.73	29.89	29.80	29.72
20	29.85	30.75	30.00	30.80	29.75	29.80	29.71	29.65	29.74	29.83	29.67	.....
25	30.02	30.95	30.25	30.65	29.87	29.85	29.61	29.66	29.75	29.76	29.84	.....
Fom	30.15	31.00	30.73	30.43	29.95	29.78	29.62	29.64	29.68	29.80	29.78	.....
1968												
5	.....	.....	.....	.....	.....	.....	.....	29.32	29.30	29.35	29.35	.....
10	.....	.....	.....	.....	.....	.....	.....	29.22	29.25	29.31	29.37	.....
15	.....	.....	.....	.....	.....	.....	.....	29.24	29.34	29.35	29.27	.....
20	.....	.....	.....	.....	.....	.....	29.33	29.24	29.43	29.29	29.30	.....
25	.....	.....	.....	.....	.....	.....	29.27	29.22	29.35	29.28	29.31	.....
Fom	.....	.....	.....	.....	.....	.....	29.31	29.24	29.33	29.41	.....	.....

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 14.40 below lsd, Feb. 14, 1966; lowest 23.85 below lsd, Oct. 14, 1963. Records available: 1961-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1964	21.49	Sept. 7, 1964	23.43	May 24, 1965	22.72	Jan. 31, 1966	23.13
13	20.90	14	23.43	31	22.95	Feb. 7	23.00
26	21.43	21	23.40	June 7	22.95	14	14.40
27	20.90	28	23.43	14	23.10	21	21.51
Feb. 3	22.20	Oct. 5	22.53	21	23.27	28	21.92
10	21.48	12	23.20	28	23.34	Mar. 7	21.56
17	19.03	19	23.20	July 5	23.26	14	22.15
24	20.82	26	23.25	12	22.80	21	22.53
Mar. 2	20.46	Nov. 9	23.22	19	23.12	28	22.13
9	19.22	16	23.19	26	23.24	Apr. 4	22.35
16	20.47	23	22.35	Aug. 2	23.25	11	22.12
23	21.02	30	22.05	9	23.36	18	20.67
30	21.95	Dec. 7	20.62	16	23.37	25	21.69
Apr. 6	20.23	14	19.72	23	23.42	May 2	13.45
13	21.96	28	21.26	30	23.49	9	21.70
20	18.79	Jan. 4, 1965	18.66	Sept. 7	23.40	16	21.90
27	21.55	12	19.55	13	23.70	23	22.27
May 4	22.20	18	20.88	20	23.40	30	22.78
11	22.82	25	18.07	27	23.32	June 4	23.10
18	22.77	Feb. 1	21.44	Oct. 4	23.25	13	23.11
25	23.28	8	16.67	11	23.30	20	23.21
June 1	23.34	15	21.20	25	23.27	27	23.29
8	23.13	22	22.12	Nov. 1	22.87	July 4	23.32
15	23.20	Mar. 1	20.46	8	22.96	11	23.35
22	21.41	8	20.27	15	23.04	18	23.24
29	22.95	15	21.33	22	22.88	25	23.35
July 6	22.90	22	20.96	29	22.75	Aug. 1	23.37
13	22.88	29	18.84	Dec. 6	22.96	28	23.32
20	22.96	Apr. 6	21.00	13	23.00	Sept. 7	23.32
27	23.12	12	16.15	25	23.05	12	23.38
Aug. 3	22.78	19	20.00	29	23.16	15	23.35
10	22.85	26	15.43	Jan. 3, 1966	22.05	26	23.16
17	22.85	May 3	21.14	10	21.78	Oct. 3	22.45
24	22.65	10	21.94	17	22.80	10	22.66
31	22.64	17	22.60	24	23.00	17	23.10

390553N0802808. 1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 24, 1966	23.16	June 12, 1967	22.00	Dec. 26, 1967	20.82	July 8, 1968	23.15
31	23.03	19	23.12	Jan. 2, 1968	20.80	15	23.28
Nov. 7	23.01	26	23.11	14	21.57	22	23.15
14	22.17	July 3	23.11	22	19.66	29	22.77
21	22.15	10	23.00	29	20.72	Aug. 5	22.63
28	22.13	17	23.00	Feb. 5	20.58	12	22.63
Dec. 12	21.07	24	22.75	12	20.62	19	22.72
19	21.76	31	22.46	19	22.52	26	22.92
26	21.72	Aug. 7	22.90	26	22.68	Sept. 2	23.05
Jan. 3, 1967	21.53	14	22.83	Mar. 4	22.58	9	22.95
16	21.49	28	22.42	11	20.28	16	23.00
23	22.48	Sept. 4	22.83	18	17.62	23	23.12
30	22.27	11	22.50	25	19.71	30	23.10
Feb. 6	20.60	18	23.27	Apr. 1	21.19	Oct. 7	22.77
13	20.57	25	23.27	8	20.02	15	23.00
20	21.23	Oct. 2	22.06	15	21.29	21	22.65
27	21.20	9	22.30	22	22.07	28	22.78
Mar. 13	20.66	16	22.81	29	22.18	Nov. 4	22.96
27	21.02	23	21.77	May 6	21.85	11	21.85
Apr. 10	20.77	30	21.76	13	21.84	18	21.69
17	21.04	Nov. 6	21.67	20	20.18	25	21.71
24	21.06	13	21.65	27	17.62	Dec. 2	21.66
May 1	21.36	20	22.79	June 10	22.44	9	21.78
15	19.00	27	20.55	17	23.05	16	22.18
22	19.93	Dec. 4	14.59	24	23.00	23	20.04
29	20.28	11	20.47	July 1	23.00	30	20.70
June 6	21.97						

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 14.05 below lsd, Dec. 4, 1967; lowest 23.95 below lsd, Sept. 18, 1961. Records available: 1961-68.

Jan. 6, 1964	21.40	Nov. 9, 1964	23.12	Sept. 13, 1965	23.70	July 18, 1966	23.25
13	20.78	16	23.03	20	23.30	25	23.34
26	21.33	23	22.24	27	23.24	Aug. 1	23.36
27	20.80	30	21.95	Oct. 4	23.25	23	23.25
Feb. 3	22.00	Dec. 7	20.47	11	23.15	Sept. 7	23.21
10	21.90	14	19.76	25	23.18	12	23.22
17	19.00	28	21.13	Nov. 1	22.74	19	23.22
24	20.84	Jan. 4, 1965	18.90	8	22.78	26	23.04
Mar. 2	20.45	12	19.42	15	22.94	Oct. 3	23.30
9	19.05	18	20.82	22	22.74	10	22.56
16	20.28	25	18.00	29	22.64	17	23.04
23	20.90	Feb. 1	21.35	Dec. 6	22.90	24	23.15
30	21.79	8	16.60	13	22.85	31	22.95
Apr. 6	20.07	15	21.12	25	22.94	Nov. 7	22.94
13	21.05	22	22.03	29	23.08	14	22.08
20	18.70	Mar. 1	20.35	Jan. 3, 1966	21.96	21	22.07
27	21.49	8	20.16	10	21.68	28	22.05
May 4	22.10	15	21.25	17	22.70	Dec. 12	20.94
11	22.76	22	20.86	24	23.00	19	21.67
18	22.73	29	18.51	31	23.02	26	21.65
25	23.20	Apr. 6	20.87	Feb. 7	23.87	Jan. 3	21.44
June 1	23.22	12	16.06	14	14.39	16	21.39
8	22.45	19	19.95	21	21.42	23	22.38
15	23.11	26	15.36	28	21.85	30	22.38
22	21.27	May 3	21.03	Mar. 7	21.45	Feb. 6	20.51
29	22.86	10	21.85	14	22.06	13	20.49
July 6	22.80	17	22.48	21	22.42	20	21.13
13	22.80	24	22.64	28	22.05	27	21.09
20	22.90	31	22.88	Apr. 4	22.42	Mar. 13	20.61
27	23.03	June 7	22.95	11	22.00	20	.....
Aug. 3	22.72	14	23.05	18	20.67	27	21.00
10	22.72	21	23.17	25	21.97	Apr. 10	20.73
17	22.70	28	23.27	May 2	13.64	17	21.54
24	22.56	July 5	23.17	9	21.70	24	21.56
31	22.58	12	22.74	16	21.81	May 1	21.95
Sept. 7	23.32	19	23.04	23	22.15	15	19.02
14	23.32	26	23.15	30	22.70	22	19.83
21	23.32	Aug. 2	23.12	June 4	23.00	29	20.21
28	23.36	9	23.26	13	23.00	June 6	21.94
Oct. 5	22.42	16	23.28	20	23.10	12	21.99
12	23.10	23	23.34	27	23.20	19	23.10
19	23.12	30	23.42	July 4	23.32	26	23.10
26	23.17	Sept. 7	23.32	11	23.24	July 3	23.13

390553N0802808.2--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 10, 1967	22.99	Nov. 27, 1967	20.42	Apr. 22, 1968	21.98	Sept. 2, 1968	22.96
17	22.99	Dec. 4	14.05	29	22.10	9	22.80
24	22.38	11	20.28	May 6	21.70	16	22.29
31	21.46	26	20.70	13	21.70	23	23.08
Aug. 7	22.35	Jan. 2, 1968	20.67	20	20.03	30	23.06
14	22.80	14	21.51	27	17.76	Oct. 7	22.70
28	22.36	22	19.50	June 10	22.43	15	22.92
Sept. 4	22.76	29	20.66	17	22.96	21	22.55
11	21.55	Feb. 5	20.50	24	22.92	28	22.66
18	23.15	12	20.53	July 1	22.90	Nov. 4	22.89
25	23.18	19	22.45	8	23.00	11	21.80
Oct. 2	22.00	26	22.58	15	23.22	18	21.62
9	22.12	Mar. 4	22.44	22	23.16	25	21.66
16	22.70	11	20.15	29	22.70	Dec. 2	21.66
23	21.62	18	17.44	Aug. 5	22.56	9	21.67
30	21.66	25	19.58	12	22.57	16	22.13
Nov. 6	21.52	Apr. 1	21.14	19	22.62	23	19.87
13	21.50	8	19.97	26	22.77	30	20.59
20	22.68	15	21.21				

Marshall County

395608N0804523.1. Local number 4-3-8. Triangle Conduit & Cable Co. U.S. Highway 250, Glen Dale (previously reported as one word). Drilled unused water-table well in Pleistocene 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, 22, 1957. Records available: 1950-65; 1967-68.

Lowest water level for the day, from recorder graph 1964												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	73.33	71.84	72.75	64.21	63.95	67.40	.....	.....	71.11	72.15	72.88	73.30
10	73.07	72.06	69.15	63.79	64.50	68.07	.....	70.40	71.13	72.14	72.88	73.02
15	72.72	72.25	57.65	64.00	65.40	68.50	.....	70.66	71.36	72.38	72.94	72.66
20	72.85	72.44	60.40	64.50	65.93	68.98	.....	70.85	71.65	72.52	73.21	72.22
25	72.87	72.84	62.20	64.05	66.10	69.17	69.64	71.01	71.88	72.65	73.27	72.24
Eom	71.94	72.77	63.75	63.98	66.59	69.25	70.21	70.94	71.94	72.79	73.15	71.70
1965												
5	71.07	69.70	68.97	67.99	68.35	68.89	71.00	71.70	.....	.....	.....	.....
10	70.62	69.83	68.32	68.18	68.67	70.14	70.42	71.84	.....	.....	.....	.....
15	70.16	68.68	68.20	67.84	68.87	70.39	70.18	.....	.....	.....	.....	.....
20	70.67	68.63	68.65	67.82	69.15	70.65	70.75	.....	.....	.....	.....	.....
25	70.70	69.19	68.85	67.93	69.46	70.96	71.10	.....	.....	.....	.....	.....
Eom	69.24	69.08	68.44	68.08	68.68	71.15	71.54	.....	.....	.....	.....	.....
1967												
5	.....	.....	.....	.....	.....	66.73	.....	69.36	71.50	71.88	72.13	70.77
10	71.80	.....	.....	67.80	.....	67.18	66.97	69.68	71.50	71.92	72.24	70.46
15	.....	.....	.....	.....	66.60	67.54	.....	70.04	71.89	72.07	72.33	70.35
20	.....	72.13	68.04	.....	.....	.....	.....	70.50	72.11	72.27	72.25	.....
25	.....	.....	.....	68.50	66.15	.....	68.22	70.77	71.86	72.11	71.81	.....
Eom	.....	.....	.....	.....	.....	.....	68.62	71.05	72.08	72.13	71.32	.....
1968												
5	.....	68.74	68.48	67.25	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	67.72	68.60	67.42	.....	.....	.....	.....	.....	71.26	.....	.....
15	71.26	67.47	68.42	67.85	.....	.....	68.77	.....	.....	.....	.....	.....
20	.....	67.90	67.59	.....	70.30	.....	.....	.....	.....	.....	.....	.....
25	71.29	68.02	67.02	.....	.....	.....	.....	.....	.....	.....	71.85	.....
Eom	70.43	68.25	66.92	.....	68.06	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 19, 1968	68.40	Sept. 23, 1968	70.30	Nov. 4, 1968	72.80	Dec. 2, 1968	71.24
26	68.47	Oct. 2	70.85	12	72.69	9	70.95
Sept. 3	69.35	10	71.26	18	72.51	16	71.60
9	69.60	18	71.53	21	72.10	23	71.80
16	68.43	22	72.53	25	71.85	30	70.77

Mason County

385450N0820646.1. Local number 38-3-53. West Virginia University. Ohio Valley Agr. Exp't. Sta. West Virginia Rte. 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 of east side of pump housing above hole, 1.40 ft above lsd. Highest water level 36.72 below lsd, May 27, 1963; lowest 41.99 below lsd, Mar. 3, 1967. Records available: 1958-68.

385450N0820646.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1964	39.76	May 3, 1965	40.91	Nov. 15, 1966	41.55	Dec. 15, 1967	39.78
13	39.86	10	40.77	22	41.69	22	39.88
20	39.95	17	40.66	29	41.64	29	39.96
27	40.03	24	40.54	Dec. 6	41.68	Jan. 5, 1968	40.05
Feb. 3	40.12	July 22	40.21	12	41.78	12	40.11
10	40.20	30	40.22	21	41.75	19	40.20
17	40.28	Sept. 25	40.60	Jan. 3, 1967	41.79	26	40.37
24	40.36	Nov. 16	40.99	10	41.83	Feb. 2	40.80
Mar. 2	40.41	24	41.10	13	41.83	9	40.35
10	40.53	29	41.10	20	41.91	16	40.38
23	39.91	Dec. 6	41.16	27	41.87	23	40.40
30	39.63	14	41.23	Feb. 3	41.90	Mar. 1	40.43
Apr. 6	39.46	21	41.27	10	41.92	8	40.49
13	39.37	27	41.31	17	41.35	15	40.55
May 18	39.25	Jan. 4, 1966	41.35	24	41.98	22	40.54
25	39.30	10	41.42	Mar. 3	41.99	29	40.60
June 1	39.34	18	41.49	10	41.96	Apr. 5	40.57
8	39.38	31	41.58	17	41.62	12	40.49
15	39.44	Feb. 8	41.64	24	41.24	19	40.41
22	39.48	15	41.67	31	40.88	26	40.40
29	39.53	21	41.59	Apr. 7	40.59	May 3	40.38
July 13	39.63	Mar. 9	41.34	14	40.28	10	40.44
22	39.77	14	41.30	21	40.05	17	40.39
Aug. 3	39.82	21	41.24	28	40.01	24	40.34
10	39.91	28	41.26	May 5	39.70	31	40.29
17	40.02	Apr. 4	41.26	12	39.52	June 7	40.19
31	40.13	11	41.32	19	39.30	14	40.02
Sept. 8	40.22	18	41.36	26	39.08	21	39.77
15	40.28	25	41.36	June 2	38.95	28	39.37
22	40.34	May 2	41.34	9	38.63	July 5	39.22
29	40.43	10	41.40	16	38.50	12	39.20
Oct. 5	40.49	16	41.15	23	38.24	19	39.08
14	40.56	23	41.00	30	38.31	26	39.04
19	40.63	June 1	40.86	July 7	38.21	Aug. 2	39.06
28	40.70	6	40.83	14	38.18	9	39.05
Nov. 2	40.76	14	40.75	21	38.15	16	39.09
9	41.81	21	40.72	28	38.16	23	39.10
16	40.87	28	40.71	Aug. 4	38.18	30	39.15
23	40.93	July 5	40.68	11	38.21	Sept. 6	39.24
30	41.01	12	40.67	18	38.35	13	39.49
Dec. 7	41.06	19	40.68	25	38.40	20	39.36
14	41.11	26	40.71	Sept. 1	38.48	27	39.40
21	41.15	Aug. 11	40.83	8	38.55	Oct. 4	39.46
28	41.24	17	40.88	15	38.63	11	39.52
Jan. 4, 1965	41.27	22	40.91	22	38.70	18	39.57
11	41.31	29	40.95	29	38.78	25	39.67
18	41.35	Sept. 6	41.02	Oct. 6	38.87	Nov. 1	39.74
25	41.35	14	41.07	13	38.90	8	39.82
Feb. 3	41.40	20	41.10	20	39.05	15	39.86
8	41.40	26	41.14	27	39.10	22	39.95
15	41.42	Oct. 3	41.19	Nov. 3	39.23	29	40.04
22	41.42	10	41.25	10	39.31	Dec. 6	40.09
Mar. 1	41.43	17	41.31	17	39.37	13	40.14
8	41.44	24	41.36	Dec. 1	39.64	20	40.22
15	41.43	31	41.43	8	39.71	27	40.24
22	41.40	Nov. 7	41.57				

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 26.20 below lsd, Jan. 1, 1966. Records available: Nov. 13, 1959-1968.

Lowest water level for the day, from recorder graph 1964

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	.....	25.73	.....	.....	.....	.....	.....	.....	.....	.....	25.93	25.84
10	25.67	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.95	25.82
15	25.63	.....	.....	.....	.....	.....	.....	.....	.....	25.80	25.96	25.80
20	25.63	.....	.....	.....	.....	.....	.....	.....	.....	25.83	25.97	25.78
25	25.67	.....	.....	.....	.....	.....	.....	.....	.....	25.87	25.92	25.78
Eom	25.72	.....	.....	.....	.....	.....	.....	.....	.....	25.89	25.84	25.74
1965												
5	25.75	25.76	25.59	25.43	25.06	25.11	.....	25.51	25.60	25.64	25.91	25.98
10	25.68	25.70	25.59	25.34	25.06	25.13	.....	25.44	25.65	25.62	25.93	26.05
15	.....	25.72	25.61	25.26	25.06	25.16	.....	25.53	25.54	25.66	25.93	26.03
20	25.70	25.69	25.53	25.17	25.07	25.23	25.41	25.53	25.60	25.85	.....	26.04
25	25.72	25.62	25.53	.....	25.11	25.28	25.42	25.56	25.58	25.81	25.97	26.06
Eom	25.73	25.62	25.45	25.06	25.13	.....	25.45	25.61	25.61	25.82	25.98	26.06

385451N0820620, 1--Continued.

1966											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	25.96	25.87	25.64	25.62	25.36	25.29	25.42	.....	25.77	25.72	25.79
10	25.95	25.89	25.67	25.65	25.34	25.32	.....	.....	25.83	25.73	25.73
15	25.95	25.77	25.65	25.59	25.30	25.35	.....	25.60	25.82	25.78	.....
20	25.96	25.73	25.65	25.62	25.30	25.35	.....	25.67	25.70	25.78	25.79
25	25.89	25.70	25.64	25.60	25.30	25.41	.....	25.67	25.70	25.80	25.81
Eom	25.84	25.68	25.65	25.50	25.27	25.43	.....	25.74	25.69	25.73	25.80
1967											
5	25.81	25.82	25.77	25.10	24.86	24.73	24.87	25.15	25.41	25.60	25.64
10	25.84	25.81	25.60	24.98	24.73	24.77	24.93	25.21	25.45	25.55	25.64
15	25.84	25.82	25.46	24.91	24.66	24.81	24.98	25.28	25.50	25.60	25.67
20	25.88	25.82	25.37	24.88	24.62	24.85	25.05	25.32	25.54	25.60	25.65
25	25.89	25.80	25.29	24.85	24.63	24.91	25.08	25.34	25.57	25.62	25.64
Eom	25.84	25.77	25.17	24.85	24.65	24.92	25.15	25.36	25.55	25.66	25.65
1968											
5	25.59	.....	25.53	.....	25.17	24.63	.....	25.02	25.21	25.54	.....
10	25.62	.....	25.54	25.20	25.09	.....	.....	25.01	25.24	25.53	.....
15	25.48	.....	25.48	25.19	25.06	.....	.....	24.98	25.29	25.55	.....
20	25.62	.....	25.43	25.19	.....	.....	.....	25.00	25.30	25.51	.....
25	25.53	.....	25.33	25.15	.....	24.66	.....	25.05	.....	25.54	.....
Eom	25.52	.....	25.30	25.16	.....	24.70	.....	25.16	.....	25.57	.....

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 2.73 below lsd, June 28, 1967; lowest 77.37 below lsd, Oct. 6, 1965. Records available: 1960-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1, 1964	45.06	Nov. 18, 1964	45.60	Oct. 13, 1965	69.09	Aug. 31, 1966	43.47
8	45.06	25	45.36	20	63.16	Sept. 7	43.50
15	45.05	Dec. 2	45.56	27	57.33	14	43.54
22	44.43	9	45.18	Nov. 3	49.69	21	43.54
29	41.10	16	44.62	10	47.14	Oct. 5	42.18
Feb. 5	39.58	23	45.09	17	46.06	12	42.20
12	39.27	30	44.54	24	45.37	15	42.34
19	38.55	Jan. 6, 1965	44.44	Dec. 1	44.12	26	42.34
26	38.14	13	43.13	8	44.19	Nov. 2	42.35
Mar. 4	37.20	20	42.26	15	44.25	9	42.35
11	35.49	27	41.10	22	44.25	16	42.47
18	29.24	Feb. 3	39.46	29	44.20	23	41.10
25	25.14	10	35.08	Jan. 5, 1966	45.06	30	41.14
Apr. 1	23.53	17	34.26	12	45.65	Dec. 7	37.41
8	20.27	24	32.10	19	44.08	14	33.06
15	17.50	Mar. 3	32.35	26	44.60	21	32.28
22	16.07	10	32.29	Feb. 2	44.60	28	31.16
29	16.19	17	31.51	9	43.68	Jan. 4, 1967	29.62
May 6	15.19	24	31.39	16	43.16	11	28.46
13	18.06	31	27.52	23	42.37	18	27.49
20	20.69	Apr. 7	20.95	Mar. 2	42.29	Feb. 22	21.60
27	21.26	14	20.27	9	41.20	Mar. 1	20.55
June 3	22.61	21	27.49	16	41.34	8	19.04
10	23.48	28	16.21	23	41.34	15	19.50
17	26.20	May 5	16.49	30	40.03	22	19.56
24	27.39	12	16.52	Apr. 6	40.45	29	19.16
July 1	28.57	19	17.30	13	40.10	Apr. 5	18.76
8	29.57	26	18.59	20	41.40	12	18.40
15	36.39	June 2	19.10	27	39.49	19	18.42
22	40.67	9	21.43	May 4	37.26	26	18.40
29	43.10	16	21.06	11	35.08	May 3	18.36
Aug. 5	44.43	23	22.54	18	35.56	10	18.36
12	44.94	30	26.24	25	35.56	17	18.34
19	45.27	July 7	29.41	June 1	37.18	24	24.21
26	44.67	14	31.06	8	39.77	31	21.16
Sept. 2	44.70	21	35.46	15	41.34	June 7	21.20
9	45.66	Aug. 4	43.37	22	42.10	14	20.14
16	44.27	11	44.54	29	43.63	21	20.20
23	45.39	18	48.50	July 6	43.60	28	2.73
30	45.53	25	51.27	13	43.26	July 5	5.38
Oct. 7	44.40	Sept. 4	63.62	20	43.08	12	5.26
14	44.55	8	67.43	27	43.16	19	5.66
21	45.62	15	69.52	Aug. 3	43.24	26	5.95
28	45.40	22	73.49	10	43.40	Aug. 2	5.95
Nov. 4	45.60	29	73.33	17	43.42	9	5.91
11	45.60	Oct. 6	77.37	24	43.40	16	5.93

372149N0810550.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 23, 1967	5.93	Dec. 27, 1967	3.30	May 1, 1968	j	Aug. 28, 1968	5.14
30	5.65	Jan. 3, 1968	3.32	8	j	Sept. 4	6.47
Sept. 6	5.64	10	3.32	15	j	11	8.16
13	5.64	17	3.36	22	j	18	11.38
20	5.67	24	j	29	j	25	12.56
27	5.66	31	j	June 5	j	Oct. 2	13.06
Oct. 4	5.70	Feb. 7	j	12	j	9	14.26
11	5.70	14	j	19	j	16	15.67
18	5.68	21	j	26	j	23	15.02
25	5.70	28	j	July 3	3.64	30	16.58
Nov. 1	5.68	Mar. 6	j	10	3.40	Nov. 6	16.52
8	4.14	13	j	17	4.08	13	16.24
15	4.60	20	j	24	4.05	20	11.45
22	4.63	27	j	31	4.01	27	7.09
29	4.63	Apr. 2	j	Aug. 7	3.97	Dec. 4	6.30
Dec. 6	3.03	10	j	14	3.93	11	6.36
13	3.25	17	j	21	3.91	18	6.40
20	3.30	24	j				

j Well overflowing.

Monongalia County

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 above lsd. Highest water level 40.95 below lsd, Jan. 4, 1960; lowest 78.55 below lsd, Nov. 25, 1968. Records available: 1953-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1964	48.97	Apr. 21, 1965	50.75	July 29, 1966	76.22	Oct. 25, 1967	75.00
Feb. 25	49.96	May 27	64.05	Aug. 29	76.63	Nov. 28	59.76
Mar. 25	50.43	June 29	67.14	Oct. 3	76.63	Dec. 21	59.13
Apr. 22	50.13	July 27	69.16	28	77.07	Jan. 22, 1968	58.98
May 26	61.73	Aug. 25	69.21	Nov. 29	76.13	Feb. 26	71.39
July 9	68.72	Sept. 23	69.02	Dec. 21	67.31	Mar. 27	61.67
Aug. 11	68.96	Oct. 11	69.75	Jan. 23, 1967	76.76	Apr. 24	62.26
Sept. 4	69.19	Nov. 23	69.00	Feb. 26	62.74	May 20	61.09
25	69.21	Dec. 9	66.70	Mar. 27	61.09	June 25	72.69
Oct. 6	68.75	Feb. 10, 1966	54.84	Apr. 26	61.60	July 22	74.66
Nov. 10	69.14	Mar. 9	60.15	May 24	61.10	Aug. 27	77.39
Dec. 12	52.86	28	58.02	June 26	69.76	Sept. 26	73.81
Jan. 5, 1965	49.53	May 3	58.00	July 21	74.77	Oct. 29	78.24
Feb. 12	50.60	June 3	68.68	Aug. 25	76.87	Nov. 25	78.55
Mar. 24	50.29	July 1	75.99	Sept. 22	77.14	Dec. 26	63.94

Preston County

393306N0794745.1. Local number 11-3-8. G. E. Lemmons. East Depot St., Masontown. Drilled unused (previously reported as domestic well) 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: 1941-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1964	98.44	Apr. 21, 1965	63.74	July 1, 1966	78.16	Nov. 28, 1967	68.19
Feb. 25	96.43	May 27	65.82	28	80.19	Dec. 21	65.62
Mar. 25	95.10	June 24	66.89	Oct. 28	77.34	Jan. 22, 1968	63.03
Apr. 20	94.70	July 27	67.05	Dec. 21	66.28	Feb.	.....
May 26	94.57	Aug. 25	68.12	Jan. 23, 1967	68.42	Mar. 27	66.01
July 2	98.99	Sept. 23	66.92	Feb. 26	66.29	Apr. 24	66.19
25	96.27	Oct. 11	66.47	Mar. 27	64.67	May 20	65.72
Aug. 13	96.25	Nov. 23	66.49	Apr. 26	66.90	June 23	66.96
Sept. 4	96.17	Dec. 9	66.80	May 24	65.58	July 23	66.71
Oct. 6	97.20	Feb. 10, 1966	64.01	June 26	66.64	Aug. 27	67.02
Nov. 5	81.77	Mar. 9	62.47	July 21	67.06	Sept. 25	66.55
Dec. 7	94.02	28	63.17	Aug. 25	66.76	Oct. 29	68.48
Jan. 5, 1965	81.77	May 3	65.05	Sept. 22	67.02	Nov. 25	65.92
Feb. 12	65.16	June 3	72.79	Oct. 25	66.30	Dec. 26	65.91
Mar. 24	64.75						

Raleigh County

374607N0811222.1. Local number 43-3-8. Raleigh Bottling & Ice Co. Mahscott. 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 15.03 below lsd, Mar. 8, 1967; lowest 37.13 below lsd, Dec. 15, 1965. Records available: 1959-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1964	22.69	Apr. 7, 1965	18.22	July 13, 1966	25.36	Oct. 18, 1967	23.58
9	21.89	14	18.36	20	27.17	25	22.54
15	20.24	21	18.51	27	28.23	Nov. 1	21.63
22	19.81	28	18.31	Aug. 3	29.08	8	21.75
29	18.97	May 5	18.71	10	29.63	15	21.03
Feb. 5	18.61	12	19.70	17	30.16	29	20.37
12	18.52	19	19.82	24	29.86	Dec. 6	18.37
20	18.11	26	20.41	31	28.84	13	18.11
27	18.16	June 2	21.27	Sept. 7	28.81	20	17.96
Mar. 4	17.22	9	22.04	14	28.86	27	17.46
11	16.46	16	22.94	21	26.81	Jan. 3, 1968	17.44
18	16.28	23	22.52	28	24.61	10	17.35
25	16.36	30	24.38	Oct. 5	22.58	17	17.79
Apr. 1	17.24	July 7	24.67	12	21.38	24	17.08
8	16.88	14	24.57	19	21.25	31	15.93
15	17.33	21	26.00	26	20.81	Feb. 7	15.63
22	16.84	28	26.99	Nov. 2	20.59	14	16.26
29	16.96	Aug. 4	22.26	9	19.85	21	16.63
May 6	17.36	11	28.56	16	19.35	28	17.56
13	17.78	18	28.91	23	19.21	Mar. 6	18.11
20	18.86	25	30.44	30	19.09	13	17.53
27	19.82	Sept. 1	30.01	Dec. 7	18.58	20	18.42
June 3	20.79	8	31.82	14	17.91	27	16.58
10	21.21	15	32.57	21	17.68	Apr. 3	16.38
17	22.07	22	33.16	28	17.18	10	16.36
24	23.26	29	33.71	Jan. 4, 1967	17.00	17	16.65
July 1	24.26	Oct. 6	34.17	11	16.82	24	17.10
8	25.86	13	34.39	18	17.25	May 1	17.00
16	26.69	20	34.71	25	17.09	8	17.36
22	27.73	27	35.62	Feb. 1	17.29	15	17.57
29	28.28	Nov. 3	34.56	8	17.18	22	17.92
Aug. 5	28.46	10	35.94	15	17.39	29	16.66
12	28.72	17	36.00	22	17.09	June 5	17.41
19	28.33	24	36.22	Mar. 1	17.07	12	17.61
27	28.57	Dec. 1	36.28	8	15.03	19	18.08
Sept. 3	30.63	8	36.61	15	15.21	26	18.65
10	31.41	15	37.13	22	15.36	July 3	19.95
16	29.83	22	37.10	29	16.24	10	20.51
23	32.84	29	37.06	Apr. 5	16.77	17	21.86
Oct. 30	24.18	Jan. 5, 1966	37.06	12	17.52	24	22.05
7	25.48	12	36.72	19	17.81	31	21.84
15	26.36	19	36.37	26	17.82	Aug. 7	22.28
22	25.84	26	36.00	May 3	17.80	14	22.18
28	25.46	Feb. 2	34.67	10	17.28	21	21.55
Nov. 5	24.16	9	34.57	17	15.85	28	21.88
12	24.04	16	31.81	24	16.47	Sept. 4	21.97
18	24.46	23	28.59	31	16.77	11	23.09
25	24.57	Mar. 2	26.08	June 7	16.89	18	23.38
Dec. 3	23.12	9	23.48	14	17.56	25	23.86
10	22.52	16	21.67	21	18.31	Oct. 2	24.95
17	21.42	23	20.69	28	18.91	9	25.36
23	20.60	30	20.11	July 5	18.60	15	26.02
30	20.29	Apr. 6	20.09	12	18.30	23	26.73
Jan. 6, 1965	19.57	13	19.81	19	18.49	30	26.92
13	19.09	20	18.95	26	18.59	Nov. 6	27.00
20	19.36	27	18.32	Aug. 2	18.68	13	25.13
27	19.56	May 4	17.36	9	19.00	20	22.56
Feb. 5	19.81	11	17.42	16	19.81	27	21.85
11	19.26	18	17.61	23	20.30	Dec. 4	20.48
17	19.27	25	18.25	30	20.03	11	19.88
24	19.59	June 1	19.03	Sept. 6	20.56	18	19.53
Mar. 3	19.49	8	20.72	13	21.13	26	19.07
10	19.45	15	20.59	20	21.99		
17	19.56	22	21.89	27	23.03		
24	19.37	29	22.37	Oct. 4	22.73		
30	18.28	July 6	23.66	11	23.23		

Ritchie County

391226N0810249.1. Local number 28-3-3. City of Harrisville. Drilled unused artesian public-supply well in Dunkard Formation of Pennsylvanian or Permian age. Diam 6 in, depth 118 ft, cased. MP is top of casing about 1.2 ft above lsd. Highest water level 18.64 below lsd, May 28, 1968; lowest 20.80 below lsd, Sept. 29, 1968. Records available: 1968.

Lowest water level for the day, from recorder graph 1968

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5	19.88	.....	19.88	20.20	19.90	19.71	19.59	18.90
10	19.89	.....	20.06	19.79	19.69	19.88	19.10	19.51
15	18.81	.....	20.26	19.27	19.90	19.89	19.03	19.51
20	19.23	.....	20.20	19.44	19.82	19.33	19.31	19.30
25	19.88	.....	19.34	20.19	19.72	19.76	19.44	19.52	19.31
Eom	19.78	.....	19.57	20.16	20.00	19.88	19.78	19.62	.....

Wayne County

382424N0823527.1. Local number 50-1-5. Ashland Oil & Refining Corp. Kenova. Drilled unused water-table well in Pleistocene 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 21.29 below lsd, July 30, 1956; lowest 43.39 below lsd, Jan. 15, 1954. Records available: 1942-46, 1948-68.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1964	28.90	Mar. 1, 1965	27.24	July 4, 1966	27.86	July 31, 1967	27.15
12	28.80	12	27.10	11	27.96	Aug. 7	27.33
20	28.74	20	26.49	18	.....	14	27.45
27	28.70	Apr. 1	26.10	25	28.18	21	27.54
Feb. 10	28.52	8	25.94	Aug. 2	28.23	28	27.65
19	28.50	16	25.66	8	28.30	Sept. 4	27.74
26	28.62	24	25.63	15	28.36	11	27.84
Mar. 4	28.62	May 5	25.73	22	28.35	18	27.90
11	27.50	12	26.34	29	28.49	25	27.98
19	23.90	19	26.62	Sept. 5	28.52	Oct. 2	28.05
26	23.33	27	26.71	12	28.62	9	28.06
Apr. 1	24.73	June 3	26.56	20	28.59	16	28.15
10	25.05	Aug. 5	28.25	27	28.64	23	28.23
19	25.37	14	28.29	Oct. 4	28.63	30	28.26
29	25.05	21	29.40	10	28.65	Nov. 6	28.25
May 6	25.43	28	28.42	17	28.66	13	28.25
13	25.77	Sept. 4	28.48	24	28.69	20	28.34
20	26.20	12	28.56	31	28.77	27	28.37
28	26.89	19	28.64	Nov. 7	28.75	Dec. 4	28.31
June 5	26.96	30	28.70	14	28.80	11	28.12
12	27.09	Oct. 7	28.72	21	29.00	18	28.01
17	27.23	Nov. 6	28.90	28	28.68	26	28.05
24	27.29	13	28.90	Dec. 6	28.77	Jan. 1, 1968	28.12
30	27.57	22	28.80	12	28.66	8	28.26
July 13	27.60	29	28.90	19	28.20	15	28.25
20	27.80	Dec. 6	28.95	26	28.24	22	28.25
27	27.99	13	28.93	Jan. 2, 1967	28.22	29	28.18
Aug. 5	27.95	20	28.97	9	28.37	Feb. 5	27.76
14	28.03	27	26.06	16	28.42	12	27.08
22	28.16	Jan. 3, 1966	28.95	23	28.48	19	27.27
Sept. 1	28.27	10	28.90	30	28.51	26	27.57
8	28.34	17	28.82	Feb. 6	28.40	Mar. 4	27.79
15	28.43	24	28.84	13	28.39	11	27.94
22	28.48	31	28.83	20	28.40	18	27.52
30	28.34	Feb. 8	29.02	27	28.37	25	26.97
Oct. 7	28.53	14	25.78	Mar. 6	27.93	Apr. 1	26.68
14	28.59	21	27.19	13	25.48	8	26.47
22	28.67	28	26.63	20	23.35	15	26.66
29	28.72	Mar. 8	27.05	27	23.27	22	26.95
Nov. 3	28.74	14	27.12	Apr. 3	24.26	29	27.24
8	28.80	21	27.33	10	24.82	May 6	27.45
15	28.83	28	27.52	17	25.33	13	27.53
25	28.80	Apr. 4	27.57	24	25.66	20	27.52
Dec. 4	28.81	11	27.63	May 1	25.83	27	27.03
11	28.82	18	27.80	8	25.76	June 3	24.99
19	28.62	25	27.76	15	24.92	10	25.13
27	28.75	May 2	26.14	22	23.55	17	25.89
Jan. 2, 1965	28.50	9	25.56	29	24.00	24	26.35
9	28.34	16	26.29	June 5	24.85	July 1	26.73
17	28.14	23	26.45	12	25.49	8	27.01
24	28.00	31	26.98	19	25.30	15	27.24
31	27.94	June 6	27.18	26	26.32	22	27.30
Feb. 8	27.77	13	27.38	July 3	26.55	29	.....
15	27.45	20	27.59	10	26.69	Aug. 5	27.63
23	27.35	27	27.75	16	26.87	12	27.60

382424N0823527.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 19, 1968	27.74	Sept. 23, 1968	28.15	Oct. 28, 1968	28.30	Dec. 2, 1968	28.39
26	27.86	30	28.22	Nov. 4	28.39	9	28.47
Sept. 2	27.95	Oct. 7	28.09	11	28.45	16	28.43
9	28.01	14	28.12	18	28.40	23	28.42
16	28.13	21	28.28	25	28.41	30	28.44

Wood County

391712N0813332.1. Local number 27-3-22. City of Parkersburg. Drilled unused water-table well in Pleistocene gravel, diam 5 in, depth 55 ft, cased to 55. Lsd about 601 ft above masl. 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, 1946-68.

Lowest water level for the day, from recorder graph 1964											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.
5	33.09	32.44	20.50	25.12	.....	.....	31.80	.....	31.05	30.35	.....
10	32.91	.....	.....	23.73	.....	.....	31.62	.....	30.35	30.33	.....
15	33.01	32.02	.....	25.86	.....	.....	31.52	.....	29.90	30.50	.....
20	32.93	31.10	.....	26.33	.....	.....	31.46	.....	29.70	30.22	.....
25	32.53	25.80	.....	22.94	.....	32.08	.....	31.40	30.31	30.30	.....
Eom	32.20	19.70	26.60	.....	.....	32.04	.....	31.20	30.30	.....	.....
1965											
5	31.30	.....	29.10	27.48	28.63	31.03	31.79	.....	32.01	.....	31.47
10	31.62	.....	.....	28.37	29.32	31.21	31.92	.....	32.03	31.45	.....
15	31.10	.....	.....	26.54	29.81	31.38	31.95	.....	31.91	31.49	.....
20	32.14	29.22	.....	27.52	30.36	31.40	32.00	.....	31.92	31.49	.....
25	30.72	29.39	.....	27.99	30.81	31.41	32.00	.....	31.91	31.54	.....
Eom	30.10	.....	27.91	27.62	30.79	.....	32.20	.....	31.85	31.46	.....
1966											
5	.....	.....	.....	.....	.....	.....	.....	.....	29.98	30.21	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	29.99	30.30	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	29.92	30.10	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	29.74	30.04	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	29.83	30.08	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	29.92	30.10	.....
1967											
5	.....	31.45	29.34	.....	.....	.....	30.17	30.46	31.09	31.33	30.92
10	32.82	31.65	23.17	.....	.....	.....	30.11	30.60	31.18	31.29	30.66
15	.....	30.80	22.87	.....	.....	.....	30.24	30.73	31.34	31.44	30.47
20	.....	30.25	22.57	.....	22.65	29.17	30.18	30.74	31.45	31.50	30.92
25	.....	29.94	23.50	.....	.....	29.70	30.29	30.88	e31.43	31.22	30.87
Eom	.....	.....	24.60	.....	.....	29.93	30.43	31.00	e31.53	31.15	30.98
1968											
5	31.07	.....	30.31	27.64	30.27	.....	28.43	25.45	26.27	26.32	24.67 22.89
10	30.99	.....	30.66	28.15	29.99	.....	28.60	25.10	26.15	26.35	24.25 23.12
15	31.04	.....	29.65	28.99	28.63	.....	29.04	.....	26.15	26.48	24.01 23.24
20	31.09	.....	29.13	29.31	27.21	.....	29.09	.....	26.12	26.44	23.60 22.86
25	29.64	27.53	29.69	22.12	27.70	29.05	26.35	26.20	25.84	23.81 22.65
Eom	29.92	27.42	29.91	28.11	26.38	26.32	26.18	25.80	22.92

e Estimated.

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