

# Ground-Water Levels in the United States, 1969-73

Southeastern States

---

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 2171

*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*





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**UNITED STATES DEPARTMENT OF THE INTERIOR**

**ROGERS C. B. MORTON, *Secretary***

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## 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, J. S. Cragwall, Jr., chief hydrologist, G. W. Whetstone, assistant chief for Scientific Publications and Data Management, 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 1969-73

## SOUTHEASTERN STATES

### INTRODUCTION

Publication of ground-water level data for 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 has been published. This basic network contains 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.

Measurements are made in many types of wells, under varying conditions of access and at different temperatures, hence, 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 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. Water levels in wells equipped with recording gages are reported 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. 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, 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, 1940-73

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

Numbers of water-supply papers containing records of water levels  
in the United States, 1940-73--Continued

Year	North- eastern (1)	South- eastern (2)	North- central (3)	South- central (4)	North- western (5)	South- western (6)
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	.....	.....	.....	.....
1965-69	.....	.....	.....	1979	.....	.....
1966-70	.....	.....	.....	.....	1980	.....
1967-71	.....	.....	2090	.....	.....	.....
1968-72	2140	.....	.....	.....	.....	.....
1969-73	.....	2171	.....	.....	.....	.....

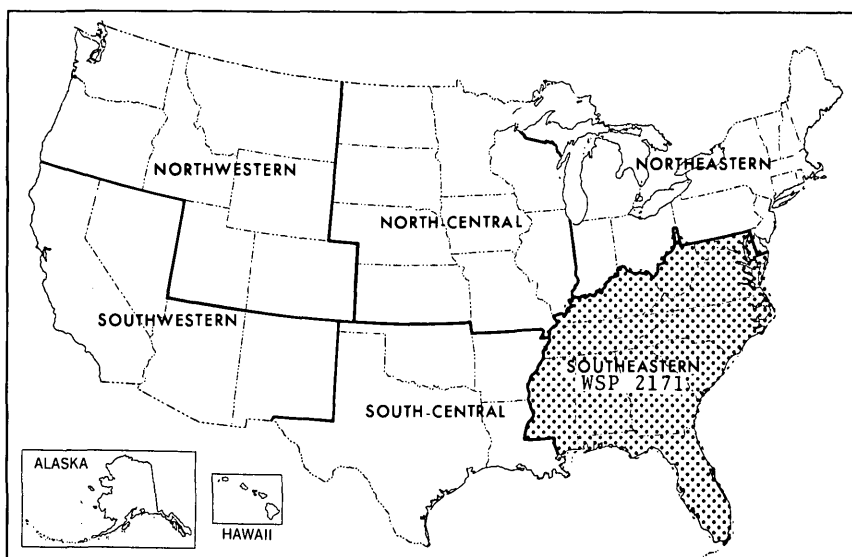


Figure 1. Map of the United States showing States for which records of water levels are published in this volume.

# ALABAMA

The observation-well program in Alabama, begun in 1940, was continued during the 5-year period 1969-73 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 page 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. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

### Baldwin County

302435087414001. Local number Bal-1. Riviera Utilities. At Foley. Drilled unused artesian well in sand and gravel of Miocene age, diam 10 in (25 cm), depth 134 ft (41 m), cased to 94 ft (29 m), slotted 94-134 ft (29-41 m). Lsd 76 ft (23 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 15.0 ft (4.6 m) below lsd, Oct. 13, 1959; lowest 31.2 ft (9.5 m) below lsd, June 22, 1956. Records available: 1949-73. Water levels affected by pumping of nearby wells. Measurements made by Riviera Utilities.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.9	27.9	27.9	27.4	26.9	26.4	26.1	25.8	25.0	24.5	24.7	24.9
10	27.2	28.0	27.8	27.3	26.8	26.3	26.1	25.5	24.8	24.5	24.7	25.0
15	28.0	28.0	27.9	....	26.7	26.3	26.0	25.6	24.7	24.5	24.8	25.0
20	28.0	27.9	27.8	....	26.6	26.2	26.1	25.4	24.6	24.5	24.9	25.1
25	28.0	27.8	27.6	27.2	26.5	26.2	26.0	25.2	24.6	24.5	24.9	25.1
Eom	27.9	27.9	27.5	27.0	26.4	26.2	25.9	25.0	24.5	23.7	24.9	25.1
1970												
5	25.2	25.3	25.1	24.4	24.5	24.6	24.2	24.2	23.0	23.3	22.6	22.5
10	....	25.3	25.1	24.5	24.4	24.4	24.2	24.2	22.9	23.2	22.5	22.6
15	25.2	25.2	25.0	24.5	24.5	24.3	24.2	24.2	23.3	22.3	22.6	22.6
20	25.2	25.4	24.9	24.4	24.5	24.3	24.1	24.1	22.9	22.8	22.6	22.6
25	24.4	25.2	24.8	24.5	24.6	24.3	24.1	24.0	23.4	22.8	22.4	22.5
Eom	25.3	25.3	24.7	24.5	24.7	24.3	24.1	23.5	22.6	22.7	22.4	22.6
1971												
5	22.7	22.5	....	22.2	22.8	....	23.9	24.2	24.3	23.1	23.9	23.9
10	22.0	22.6	22.3	22.3	22.4	23.5	24.1	23.6	23.9	23.8	23.4	23.8
15	22.0	22.5	22.4	22.4	23.0	23.6	24.1	23.8	24.0	23.4	24.0	23.9
20	22.0	22.5	22.5	22.5	23.1	23.7	24.1	24.1	23.7	23.5	23.6	24.2
25	22.3	21.9	22.2	21.9	23.2	23.8	24.2	24.3	23.5	23.2	23.8	24.2
Eom	21.8	21.8	22.3	22.7	23.3	23.9	23.8	24.3	23.5	23.5	24.1	24.4
1972												
5	24.1	24.3	24.4	23.8	24.2	24.2	....	....	24.8	25.1	25.3	25.6
10	24.4	24.2	24.0	24.2	24.1	24.1	24.4	....	24.5	25.3	25.8	25.7
15	24.5	24.5	24.1	23.9	24.3	24.5	24.2	....	24.8	25.3	25.5	25.7
20	24.4	24.3	23.9	24.2	23.9	23.9	24.2	....	24.8	25.6	25.4	25.8
25	24.3	24.0	24.0	24.0	23.9	24.5	24.5	....	24.9	25.7	25.5	26.0
Eom	24.2	24.0	24.1	24.1	24.2	24.5	....	....	25.1	25.5	25.7	26.0
1973												
5	26.0	25.9	25.8	25.7	24.5	23.9	24.1	24.5	24.3	24.0	23.8	23.9
10	25.8	26.0	25.9	25.2	24.1	24.9	....	24.6	24.2	24.0	23.8	24.5
15	25.9	26.0	25.7	25.1	24.0	24.0	....	24.4	24.5	23.8	24.1	24.1
20	26.0	26.3	25.8	24.7	24.0	24.3	....	24.4	24.4	23.9	24.3	24.2
25	26.0	26.0	25.6	24.7	23.9	23.8	24.2	24.6	24.4	23.8	24.1	24.4
Eom	25.8	26.2	25.5	24.4	24.3	24.1	24.2	24.6	24.2	24.0	24.3	24.3



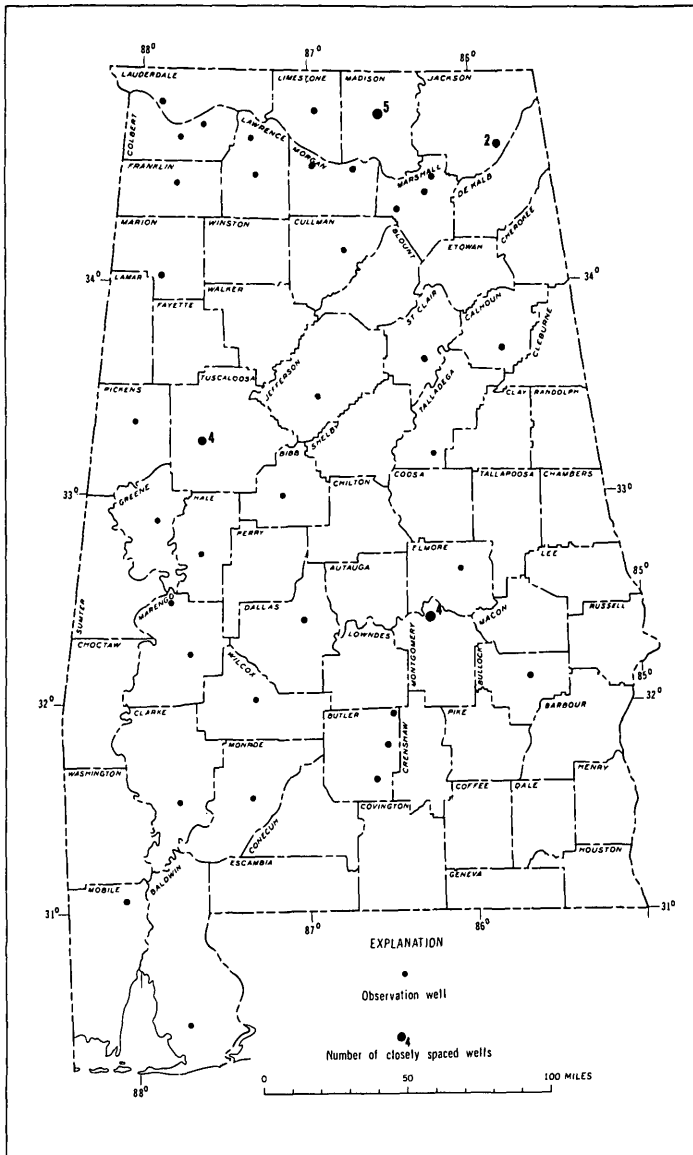


Figure 2.--Location of observation wells in Alabama, 1969-73.

Bibb County

325622087075501. Local number Bib-1. Centreville Gln and Cotton Co. Drilled unused artesian well in Copper Ridge Dolomite of Late Cambrian age and Chepultepec Dolomite of Early Ordovician age (previously reported Bibb Dolomite and Copper Ridge Dolomite, undifferentiated, Cambrian age), diam 8 in (20 cm), depth 404 ft (123 m), cased to 80 ft (24 m), open hole below. Lsd 230.93 ft (70.39 m) above msl. MP top of casing, 0.43 ft (0.13 m) above lsd. Highest water level 18.0 ft (5.5 m) below lsd, Apr. 2, 1951; lowest 32.3 ft (9.8 m) below lsd, several times, 1954. Records available: 1948-73.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.1	27.1	28.6	....	28.4	28.8	30.1	30.3	30.8	30.4	30.8	31.0
10	29.8	26.8	27.5	....	27.4	29.1	30.3	30.5	30.9	30.6	30.9	29.8
15	30.1	27.6	28.2	26.5	28.1	29.3	30.1	30.4	31.0	30.7	30.9	30.4
20	29.4	27.6	27.1	25.7	25.0	29.5	30.4	30.3	31.1	30.8	30.8	30.7
25	26.3	28.0	25.7	27.2	27.1	29.5	30.4	30.2	30.3	30.7	30.7	29.8
Eom	27.6	28.2	....	27.9	28.2	29.9	30.6	30.6	30.8	30.8	30.8	28.9

1970

5	28.6	28.2	....	....	27.2	27.5	30.4	30.8	30.6	31.3	30.4	30.4
10	....	28.6	....	....	27.8	28.8	30.5	30.0	30.6	31.0	30.4	30.6
15	28.7	29.0	....	....	28.4	29.3	30.5	30.1	30.9	30.7	30.4	30.2
20	29.1	29.0	....	....	28.9	29.8	30.8	30.4	31.1	30.4	30.3	30.1
25	29.2	29.0	....	27.4	29.2	29.9	30.5	30.2	31.2	29.8	29.9	30.1
Eom	28.8	....	....	26.1	29.4	30.2	30.8	30.3	31.0	30.2	30.2	29.1

1971

5	28.8	28.6	24.2	25.8	27.5	....	....	....	....	29.6	29.9	28.6
10	28.8	26.6	25.7	26.5	28.0	....	....	....	....	29.6	30.1	27.2
15	29.0	27.5	25.5	26.9	26.4	....	....	....	....	29.9	30.2	28.2
20	28.8	27.8	25.8	27.3	27.4	....	....	....	....	30.1	30.2	27.9
25	28.9	25.2	26.4	27.4	....	....	....	....	....	29.9	30.1	28.1
Eom	28.6	25.0	25.7	27.6	....	....	....	....	....	30.1	30.0	28.5

1972

5	24.8	25.7	25.0	26.6	28.0	29.3	29.7	30.5	31.0	30.4	30.2	29.5
10	25.7	25.4	25.3	26.8	28.2	29.6	30.1	30.8	30.8	30.9	30.0	29.2
15	25.0	25.8	25.8	27.1	27.7	29.6	30.4	30.1	31.0	31.0	29.8	28.9
20	25.9	25.9	26.0	27.3	28.3	29.7	30.5	30.7	30.6	31.0	29.8	27.9
25	26.3	26.2	26.3	27.6	28.7	30.1	30.5	30.8	31.0	30.4	29.9	27.8
Eom	25.6	26.4	26.5	27.8	29.0	29.5	30.3	31.1	30.1	29.9	29.4	28.5

1973

5	26.9	27.5	27.9	26.0	26.9	27.3	27.9	28.0	28.9	29.2	30.0	29.3
10	24.8	27.7	27.8	25.2	26.0	27.0	27.8	28.1	29.1	29.6	29.8	29.6
15	26.9	27.3	27.2	26.4	27.0	27.1	27.8	28.2	29.4	29.7	29.8	29.7
20	27.0	27.6	26.3	26.7	27.5	25.7	26.8	28.2	29.5	29.8	29.9	29.5
25	26.3	28.1	26.7	27.1	27.3	27.2	27.8	28.7	29.6	29.9	29.6	29.1
Eom	27.1	28.3	26.5	26.2	26.9	27.7	27.7	28.9	29.6	30.0	28.9	26.8

Bullock County

320846085411001. 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 (15 cm), depth 882 ft (269 m), casing depth and finish unknown. Lsd 542 ft (165 m) above msl. MP top of casing, at lsd. Highest water level 322.60 ft (98.33 m) below lsd, Mar. 23, 1961; lowest 395.2 ft (120.5 m) below lsd, Nov. 14, 15, 20, 1971. Records available: 1960-73.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	357.0	....	360.4	361.4	362.3	....	373.8	376.5	383.0	....	380.2	375.8
10	358.1	....	359.4	361.2	363.0	....	376.7	377.6	....	....	379.9	373.0
15	362.7	....	358.8	361.2	363.4	....	375.4	378.0	....	....	379.0	372.6
20	....	360.7	358.2	360.9	364.0	....	374.8	378.0	385.3	....	378.7	374.6
25	....	360.5	359.9	361.3	365.3	370.7	374.2	378.8	....	....	377.7	372.8
Eom	....	360.7	361.5	361.9	365.5	372.3	374.2	380.2	....	380.7	377.2	368.8

1970

5	368.5	376.9	376.9	380.3	385.4	....	....	385.8	383.9	377.5	379.8	374.1
10	367.3	375.9	376.7	380.3	....	....	382.5	385.2	383.1	379.5	377.7	374.5
15	374.7	377.1	380.8	378.9	....	....	385.3	383.6	382.9	377.8	379.6	374.9
20	373.3	376.5	379.2	379.5	....	....	386.0	383.2	383.3	376.0	377.1	374.6
25	376.7	376.3	378.8	380.2	384.0	....	384.5	379.0	378.4	376.3	....	373.5
Eom	376.1	376.0	379.5	379.5	....	....	385.0	382.4	376.9	380.2	373.9	374.0

1971

5	372.6	375.5	381.0	375.6	375.4	374.3	377.4	387.1	390.2	393.2	389.3	386.2
10	373.6	376.7	380.0	376.8	377.6	374.1	375.4	386.9	390.1	393.0	388.5	386.9
15	374.2	379.2	378.8	373.4	....	375.0	374.8	387.8	390.4	391.6	395.2	386.9
20	375.5	378.2	379.8	373.7	374.0	376.3	375.9	388.0	391.0	391.2	392.2	388.0
25	377.6	378.0	376.7	374.5	372.9	376.5	377.2	388.4	391.4	389.1	389.1	386.5
Eom	376.8	379.3	373.7	375.4	372.7	378.2	387.2	388.9	392.0	389.1	386.1	385.2

1972

5	385.2	385.6	386.2	385.2	383.9	381.7	379.1	380.2	....	....	....	....
10	387.1	387.0	387.4	....	384.5	375.0	378.7	379.9	....	....	....	....
15	386.0	386.7	387.8	....	384.0	376.9	379.9	....	....	....	....	....
20	....	386.8	386.9	....	383.7	378.4	379.1	....	....	....	....	391.9
25	....	387.5	387.6	384.7	384.4	377.1	379.2	....	....	....	....	387.7
Eom	385.9	387.1	383.3	383.3	383.7	378.2	380.2	....	....	....	....	389.7

320846085411001--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	386.6	374.3	376.5	375.9	388.6	.....	373.5	.....	.....	387.3	385.1	378.8
10	386.2	374.8	378.3	376.5	387.7	.....	.....	.....	.....	.....	384.2	378.9
15	387.3	375.3	378.1	386.1	389.0	.....	.....	.....	.....	.....	382.1	378.8
20	386.7	374.6	376.7	387.1	390.1	378.4	.....	.....	384.2	.....	382.0	378.9
25	385.4	376.2	377.9	386.8	389.2	377.2	.....	.....	383.7	385.3	380.2	379.7
Eom	383.7	375.4	377.2	388.1	386.3	375.9	.....	.....	384.7	384.9	378.8	377.0

Butler County

314440086273801. Local number But-2. L. L. Rayburn. Drilled unused artesian well in Clayton Formation of Paleocene age, diam 8 in (20 cm), depth 202 ft (62 m), casing depth and finish unknown. Lsd 345 ft (105 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 40.2 ft (12.3 m) below lsd, Apr. 15, 20, 25, 1973; lowest 61.9 ft (18.9 m) below lsd, Feb. 10, 15, 1969. Records available: 1964-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	61.5	61.8	61.7	60.1	58.5	58.0	58.4	59.1	59.6	59.1	59.0	59.6
10	61.6	61.9	61.6	59.7	58.5	58.0	58.6	59.2	59.8	59.0	59.1	59.6
15	61.6	61.9	61.6	59.4	58.5	58.0	58.6	59.3	59.9	58.9	59.2	59.7
20	61.6	61.8	61.4	59.1	58.3	58.1	58.8	59.3	60.0	58.9	59.3	59.8
25	61.7	61.7	61.1	58.8	58.1	58.2	58.9	59.4	59.6	58.9	59.4	59.8
Eom	61.7	61.7	60.4	58.6	58.0	58.3	59.0	59.5	59.4	58.9	59.4	59.7
1970												
5	59.7	58.5	56.9	54.0	53.0	51.9	50.4	52.1	53.4	54.7	55.9	57.1
10	59.6	58.2	56.5	53.4	53.0	50.7	51.0	52.3	53.6	54.9	56.1	57.2
15	59.3	58.0	56.2	53.0	53.7	50.4	51.3	52.5	53.8	55.1	56.2	57.3
20	59.1	57.8	55.9	52.9	53.3	50.2	51.4	52.7	54.0	55.3	56.4	57.3
25	58.9	57.3	55.4	52.9	53.5	50.2	51.7	52.9	54.2	55.5	....	57.3
Eom	58.8	57.2	55.0	52.9	53.1	50.4	51.9	53.2	54.4	55.7	....	57.3
1971												
5	57.2	56.2	53.9	47.6	46.9	....	48.3	48.5	48.7	49.0	50.3	49.4
10	56.9	56.1	52.1	47.0	46.9	....	48.5	48.4	48.7	49.2	50.5	49.4
15	56.4	55.8	51.6	46.8	46.9	....	48.6	48.4	48.9	49.4	50.7	49.4
20	56.3	55.6	51.2	46.8	....	....	48.8	48.6	48.8	49.6	50.9	....
25	56.2	54.9	50.8	46.8	....	47.9	49.0	48.6	48.8	....	51.2	....
Eom	56.2	54.4	48.4	47.0	....	48.1	49.1	48.8	48.9	....	51.4	....
1972												
5	49.4	....	....	....	45.7	46.7	47.9	48.9	50.3	51.7	53.0	54.1
10	....	....	....	....	45.9	47.0	48.0	49.1	50.6	52.0	53.2	53.3
15	....	....	....	....	45.9	47.3	48.2	....	50.8	52.2	53.4	53.0
20	....	....	....	....	46.0	47.4	48.4	....	51.0	52.4	53.6	52.9
25	....	....	....	....	46.2	47.7	....	49.8	51.3	52.6	53.7	52.2
Eom	....	....	....	45.4	46.4	47.8	....	50.1	51.4	52.8	53.9	51.8
1973												
5	51.5	49.2	46.6	41.4	40.6	42.7	43.2	44.5	45.6	47.1	48.8	50.0
10	50.6	48.8	46.7	40.3	40.9	43.0	43.4	44.4	45.9	47.3	49.1	50.1
15	50.2	48.2	46.2	40.2	41.2	43.7	43.6	44.6	46.1	47.6	49.3	50.2
20	50.0	47.3	45.8	40.2	41.6	42.6	43.8	44.8	46.3	47.9	49.5	50.4
25	50.0	46.9	45.6	40.2	41.9	42.6	44.1	45.0	46.5	48.2	....	50.5
Eom	49.8	46.8	45.0	40.3	42.4	....	44.2	45.3	46.8	48.4	49.9	50.0

314355086440501. Local number But-3. U.S. Geol. Survey. Drilled unused artesian well in Nanafalia Formation of Eocene age, diam 6 in (15 cm), depth 213 ft (65 m), cased to 203 ft (62 m), screened 203-213 ft (62-65 m). Lsd 370 ft (113 m) above ms1. MP top of floor in recorder house, 2.96 ft (0.90 m) above lsd. Highest water level 72.72 ft (22.17 m) below lsd, June 12, 1973; lowest 74.26 ft (22.63 m) below lsd, Oct. 24-26, 1972. Records available: 1970-73.

Lowest water level for the day, from recorder graph, 1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	74.0	73.9	73.8	....	73.7	74.0	73.9	74.0	74.2	74.1	74.2
10	....	74.0	73.9	73.8	....	73.8	74.0	73.9	74.0	74.2	74.0	74.2
15	....	74.0	73.9	....	....	73.9	74.1	74.0	74.1	74.1	74.1	74.2
20	....	74.0	73.9	73.8	....	74.0	74.1	73.9	74.1	74.1	74.1	74.1
25	....	74.0	73.9	....	....	74.0	74.1	73.8	74.1	74.1	74.2	74.1
Eom	....	74.0	73.8	....	74.0	74.0	74.1	73.9	74.2	74.1	....	74.1
1971												
5	74.0	73.9	73.7	73.5	73.4	73.4	73.6	73.6	73.7	73.7	73.9	73.7
10	74.0	73.9	73.7	73.5	73.4	73.4	73.5	73.6	73.6	73.8	73.9	73.7
15	74.0	73.8	73.6	73.5	73.4	73.4	73.6	73.6	73.7	73.8	....	73.7
20	74.0	73.8	73.6	73.5	73.4	73.5	73.7	73.7	73.6	73.9	....	73.6
25	74.0	73.8	73.6	73.4	73.3	73.5	73.8	73.6	73.6	73.8	....	73.6
Eom	74.0	73.8	73.5	73.3	73.3	73.6	73.5	73.6	73.6	73.8	....	73.6
1972												
5	73.6	73.4	73.2	73.1	73.2	73.3	73.4	....	....	74.1	74.2	74.0
10	73.6	73.4	73.2	73.2	73.1	73.4	73.5	....	....	....	74.2	73.8
15	73.6	73.4	73.2	....	73.1	73.4	73.5	....	....	74.2	74.1	74.2
20	73.6	73.4	73.2	....	73.1	73.3	73.6	....	....	74.3	74.1	74.0
25	73.5	73.3	73.2	....	73.2	73.4	....	....	....	74.3	74.0	74.0
Eom	73.4	73.3	73.1	73.2	73.2	73.4	....	....	....	74.2	74.1	73.7

314355086440501--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	73.7	73.6	73.5	73.2	73.0	73.0	72.8	72.9	....	73.2	73.4	73.3
10	73.8	73.5	73.4	73.2	72.9	72.9	72.8	73.0	....	....	73.4	73.3
15	....	73.6	73.4	73.2	73.0	72.8	72.9	73.0	....	....	73.4	73.3
20	....	73.6	73.3	73.1	72.9	72.8	72.8	73.0	73.0	73.3	73.4	73.2
25	....	73.6	73.2	73.0	72.9	72.9	72.8	72.9	73.1	73.4	....	73.2
Eom	73.7	73.6	73.1	73.0	73.0	72.8	....	72.9	73.1	73.4	73.3	73.2

315700086315001. Local number But-4. U.S. Geol. Survey. Drilled unused artesian well in Ripley Formation of Late Cretaceous age, diam 6 in (15 cm), depth 290 ft (88 m), screened 280-290 ft (85-88 m). Lsd 440 ft (134 m) above msl. MP top of floor in recorder house, 2.51 ft (0.77 m) above lsd. Highest water level 218.9 ft (66.7 m) below lsd, Mar. 7, 1970; lowest 233.5 ft (71.2 m) below lsd, Nov. 5, 10, 15, 1973. Records available: 1970-73.

Lowest water level for the day, from recorder graph, 1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	219.2	219.0	219.2	219.2	219.4	220.8	221.8	222.9	223.9	223.8	223.9
10	....	219.1	219.0	219.2	219.2	219.8	221.0	222.0	223.2	223.9	223.8	224.0
15	....	219.1	219.2	219.2	219.3	220.0	221.3	222.3	223.4	223.8	223.7	224.1
20	....	219.2	219.1	219.1	219.4	220.2	221.4	....	223.5	223.8	223.7	224.1
25	....	219.1	219.0	219.2	219.4	220.4	221.5	222.5	223.6	223.8	223.9	224.1
Eom	....	219.2	219.1	219.2	219.1	220.7	221.7	222.7	223.6	223.8	....	224.1

1971												
5	224.1	223.7	223.8	223.4	223.3	223.6	224.0	....	....	225.8	226.2	226.1
10	....	223.8	223.7	223.4	223.3	223.6	224.2	....	225.1	225.8	226.2	226.1
15	223.6	223.8	223.6	223.3	....	223.6	....	....	225.3	225.9	226.3	226.1
20	223.6	....	223.6	223.3	223.4	223.7	....	....	225.4	....	226.2	226.1
25	223.6	....	223.6	223.3	223.4	223.7	....	....	225.5	226.1	226.3	226.1
Eom	223.7	223.8	223.6	223.2	223.5	223.9	224.5	....	225.6	226.2	226.2	226.1

1972												
5	226.1	225.7	225.5	....	225.9	226.0	....	....	....	....	228.5	228.2
10	226.1	225.6	225.5	....	225.8	226.1	....	....	....	....	228.4	228.1
15	....	225.6	225.5	....	225.7	226.2	226.5	....	....	228.6	228.2	228.2
20	....	225.6	....	....	225.8	226.1	226.6	....	....	228.8	228.2	228.2
25	225.8	225.4	....	....	225.8	226.2	....	....	....	228.7	228.3	228.2
Eom	225.7	225.5	....	225.9	225.9	226.2	....	....	....	228.6	228.2	228.2

1973												
5	228.2	228.7	228.9	229.8	230.1	230.3	230.6	....	....	232.6	233.5	233.1
10	228.2	228.6	228.9	229.8	230.1	230.3	230.9	....	....	232.8	233.5	233.2
15	228.4	228.7	228.9	229.9	230.3	230.3	231.0	....	232.2	233.0	233.5	233.0
20	228.4	228.8	228.8	229.8	230.3	230.4	231.2	....	232.3	233.1	233.4	233.1
25	228.6	228.8	229.0	229.8	230.3	230.4	231.4	....	232.5	233.3	233.2	233.2
Eom	228.7	228.9	229.6	229.9	230.3	230.6	231.5	....	232.5	233.4	233.2	233.3

## Calhoun County

334218085491701. Local number Cal-1. U.S. Army. At Fort McClellan. Drilled unused artesian well in the Conasauga Formation of Middle and Late Cambrian age; diam 6 in (15 cm); depth 212 ft (65 m); cased to 92 ft (28 m), previously reported 124 ft (38 m); slotted 92-122 ft (28-37 m); open hole below. Lsd 732 ft (233 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 6.7 ft (2.0 m) below lsd, Jan. 13, 1968; lowest 64.7 ft (19.7 m) below lsd, Dec. 31, 1965. Records available: 1960-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	49.6	39.4	27.5	19.7	18.5	21.7	36.5	43.9	46.6	49.7	54.5	58.6
10	49.1	34.8	27.1	20.2	19.6	24.8	38.0	45.2	47.4	50.3	55.3	58.9
15	49.1	29.1	26.0	20.5	17.5	27.9	39.3	46.4	48.2	51.2	56.1	59.4
20	49.2	26.6	25.1	18.7	17.7	31.3	40.8	45.8	49.1	51.9	56.7	60.0
25	46.4	25.4	23.1	16.8	17.2	33.2	41.8	45.2	48.5	52.7	57.3	60.1
Eom	42.5	25.5	20.6	17.0	18.6	35.0	43.0	45.7	49.0	53.6	57.9	58.5

1970												
5	56.7	48.9	41.7	13.8	16.0	28.1	34.7	41.7	45.3	51.7	55.6	59.0
10	54.8	46.3	40.9	14.7	16.8	28.6	36.2	42.0	36.2	52.7	56.2	59.5
15	53.8	45.1	40.9	16.5	19.3	30.5	37.8	41.9	37.3	53.7	57.0	59.9
20	52.9	44.5	39.4	18.6	22.7	32.4	39.2	42.9	38.1	54.2	57.5	60.4
25	52.5	43.8	18.8	19.0	25.8	31.7	40.1	43.3	....	54.6	57.7	60.8
Eom	50.8	43.2	14.1	16.6	28.8	33.4	40.6	44.5	....	55.0	58.3	60.3

1971												
5	59.6	48.4	11.2	....	16.1	....	37.7	41.0	43.2	45.9	51.2	55.5
10	57.9	30.8	10.7	11.6	18.1	....	38.6	40.9	43.8	46.7	....	52.6
15	57.1	33.3	11.3	12.0	19.8	34.4	39.6	40.3	45.1	47.5	....	50.8
20	56.1	22.4	11.8	12.9	22.2	35.0	39.5	41.0	45.8	48.3	....	47.8
25	54.9	17.0	12.3	13.7	24.6	36.2	40.5	41.4	44.8	49.3	....	43.9
Eom	50.7	14.0	11.5	14.8	....	36.9	40.9	42.3	45.0	50.3	55.7	41.7

1972												
5	41.0	12.2	12.1	14.2	20.3	23.1	32.7	38.2	44.9	48.3	50.4	....
10	20.9	11.6	12.0	14.7	22.8	26.1	34.2	39.4	45.8	49.0	50.5	....
15	11.9	11.7	12.0	15.0	21.4	28.7	35.6	40.4	46.6	49.5	50.3	....
20	11.8	12.4	12.6	16.0	18.0	30.5	36.7	42.0	47.1	50.0	....	....
25	12.9	12.5	13.0	16.7	18.1	31.5	37.7	42.9	47.5	50.2	....	....
Eom	12.9	13.2	13.5	18.0	19.9	32.0	38.1	44.0	48.2	50.0	....	....

334218085491701--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	9.6	.....	.....	22.8	.....	.....	.....	42.8	50.3
10	.....	.....	.....	9.4	.....	11.9	24.6	.....	.....	.....	43.5	50.5
15	.....	.....	.....	.....	.....	13.1	.....	.....	.....	.....	44.2	50.8
20	.....	.....	.....	11.1	.....	15.3	.....	.....	.....	.....	44.8	50.8
25	.....	.....	.....	11.6	.....	17.9	.....	.....	.....	.....	45.2	50.1
Eom	.....	.....	11.2	11.8	.....	20.5	.....	.....	.....	40.5	50.2	48.1

Clarke County

313040087531001. Local number Cla-1. City of Jackson. In waterworks lot. Drilled unused artesian well in gravel deposits of Miocene age, diam 10 in (25 cm), depth 156 ft (48 m), cased to 100 ft (30 m), screened 100-140 ft (30-43 m), open hole below. Lsd 227 ft (69 m) above msl. MP top of casing, 0.25 ft (0.08 m) below lsd. Highest water level 102.0 ft (31.1 m) below lsd, Dec. 20, 1972; lowest 119.29 ft (36.36 m) below lsd, Oct. 23, 1958. Records available: 1958-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	109.7	108.7	110.5	108.5	107.5	108.4	.....	.....	108.8	110.6	110.9	111.3
10	111.6	110.7	111.5	107.7	108.9	106.9	.....	.....	109.3	109.0	110.8	110.2
15	109.4	107.4	109.0	110.0	106.6	106.3	.....	108.2	107.5	109.4	112.2	108.2
20	107.9	109.1	110.2	111.0	108.9	109.1	.....	109.4	108.3	108.5	111.8	110.5
25	111.7	109.9	111.8	109.8	107.4	108.5	.....	108.0	106.4	110.8	110.0	109.8
Eom	108.5	108.5	110.2	108.8	106.4	107.6	.....	106.8	106.4	108.2	110.5	112.1

1970												
5	110.8	111.8	107.8	112.4	109.8	108.9	106.6	108.4	106.0	108.2	108.4	107.7
10	110.6	111.2	107.3	107.6	107.7	105.2	105.7	105.5	107.0	108.6	.....	107.0
15	110.6	108.4	110.1	110.3	108.2	105.6	108.8	108.3	108.0	108.6	107.7	110.6
20	111.8	112.0	110.3	108.6	109.0	106.4	107.4	106.6	106.0	.....	.....	.....
25	108.8	107.6	111.0	106.6	106.9	105.0	109.4	106.1	107.8	.....	.....	.....
Eom	111.6	110.7	111.5	108.5	107.1	109.3	105.5	108.5	108.2	108.5	.....	.....

1971												
5	.....	108.0	110.7	105.4	.....	.....	104.0	104.5	.....	.....	110.4	.....
10	.....	111.0	106.6	108.6	107.2	.....	105.6	104.6	.....	.....	108.4	.....
15	.....	111.1	108.2	.....	.....	.....	103.3	104.3	.....	.....	109.7	.....
20	.....	106.4	109.8	.....	.....	.....	104.9	105.4	.....	.....	108.4	.....
25	.....	111.0	109.5	.....	.....	106.7	103.6	104.4	.....	110.0	110.7	.....
Eom	.....	110.5	109.9	.....	.....	105.6	104.8	104.4	.....	108.5	111.5	.....

1972												
5	.....	109.6	107.0	104.7	.....	.....	103.3	104.0	103.2	103.3	103.6	104.0
10	.....	105.9	105.8	107.0	.....	103.7	103.3	.....	103.4	104.6	103.2	105.2
15	.....	104.7	105.8	.....	.....	103.3	103.5	.....	103.3	103.5	104.8	104.6
20	.....	109.2	106.2	103.6	.....	103.3	103.5	.....	103.8	104.2	106.2	102.0
25	109.3	104.7	105.8	.....	.....	103.3	103.3	103.7	103.3	104.1	.....	104.4
Eom	107.4	105.2	104.7	.....	.....	103.3	103.6	103.4	103.2	103.8	106.3	103.2

1973												
5	104.6	103.4	104.6	107.3	103.7	103.2	103.4	105.5	102.8	.....	104.0	105.7
10	106.1	106.6	103.4	107.0	103.7	103.2	103.0	103.0	103.0	.....	105.5	103.8
15	103.2	107.5	103.3	104.1	103.8	103.2	103.4	103.2	104.6	.....	102.8	103.6
20	102.8	104.9	103.8	103.8	103.2	103.4	103.2	103.4	103.8	.....	102.8	103.7
25	105.0	104.2	103.2	102.9	103.1	.....	103.7	104.4	.....	103.0	.....	103.2
Eom	103.4	106.2	103.2	104.6	104.2	103.8	103.1	103.6	.....	103.4	105.8	103.3

Colbert County

344622087375201. Local number Col-1. U.S. Army, Corps of Engineers. At Muscle Shoals. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 8 in (20 cm), depth 265 ft (81 m), casing depth unknown, open hole below casing. Lsd 527.8 ft (160.9 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 4.70 ft (1.43 m) below lsd, Mar. 16, 1973; lowest 40.30 ft (12.28 m) below lsd, Nov. 3, 1961. Records available: 1953-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.7	7.9	10.2	8.5	11.0	15.1	17.7	18.9	19.2	21.1	23.4	....
10	18.4	8.3	10.6	.....	11.8	15.2	18.4	19.6	19.8	18.7	....	....
15	19.7	9.0	.....	7.1	12.8	14.8	19.3	21.0	.....	19.9	....	....
20	19.5	8.8	.....	7.9	13.1	15.1	....	20.0	21.6	21.2	....	14.7
25	18.3	9.3	....	9.0	12.8	15.8	16.4	16.2	21.6	....	....	13.0
Eom	16.2	9.5	....	9.9	13.5	17.1	17.8	17.9	22.1	....	....	7.6

1970												
5	9.1	8.6	...	7.4	...	9.9	13.4	15.3	14.5	....	14.1	16.0
10	...	8.8	...	8.4	...	10.1	14.2	14.7	14.7	16.6	14.9	16.4
15	9.2	9.3	...	9.0	...	10.4	14.9	14.2	....	16.3	15.3	16.7
20	10.2	...	...	7.5	9.9	11.1	15.3	13.4	....	16.6	15.2	16.8
25	10.8	...	...	8.1	10.5	11.9	14.9	13.3	....	15.4	15.0	9.3
Eom	9.4	...	8.3	7.7	10.8	12.5	15.0	13.9	....	13.5	15.4	10.2

344622087375201--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.8	9.1	8.5	8.1	10.8	11.9	...	12.0	11.9	12.3	13.3	...
10	...	9.0	9.0	9.5	...	12.4	13.7	12.4	11.0	...	14.7	...
15	9.8	9.6	9.0	10.2	...	12.9	...	...	12.0	...	...	...
20	10.2	...	9.5	10.8	...	13.4	...	...	12.4	...	...	9.0
25	7.2	...	10.0	9.3	...	13.6	14.2	...	12.1	...	...	9.8
Eom	8.7	...	8.9	10.1	11.1	14.0	12.6	...	11.4	...	...	10.1
1972												
5	7.3	10.1	...	...	...	...	12.1	8.1	12.2	...	8.8	9.5
10	8.2	10.2	...	...	...	13.5	12.7	...	12.4	...	8.9	...
15	8.7	10.2	...	...	...	13.6	12.9	10.5	12.7	...	9.7	...
20	...	10.2	...	...	...	14.0	13.0	11.1	...	...	9.6	7.9
25	9.8	...	...	...	...	14.2	13.5	11.2	...	...	10.0	8.7
Eom	9.7	...	...	...	...	11.6	7.3	11.7	...	...	8.9	8.8
1973												
5	7.8	...	9.0	8.5	9.1	...	10.0	11.3	12.5	13.4	12.5	9.5
10	7.9	...	8.5	8.7	9.7	...	10.4	11.7	12.9	13.5	...	10.2
15	8.7	...	8.3	9.2	10.2	...	10.8	10.5	13.0	13.3	13.4	10.8
20	9.2	8.5	7.3	...	10.6	...	10.8	11.1	13.3	13.4	13.9	11.3
25	...	9.2	7.8	9.0	10.9	...	11.3	11.7	13.5	13.6	12.3	10.8
Eom	...	9.5	8.0	8.1	10.5	...	11.7	12.1	13.5	13.0	8.7	8.2

344204087410601. Local number Col-2. Ben Fennel, Jr. Drilled unused artesian well in Tuscomb Limestone of Late Mississippian age, diam 16 in (41 cm), depth 200 ft (61 m), cased to 40 ft (12 m), open hole below. Lsd 455 ft (139 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.61 ft (2.32 m) below lsd, Mar. 31, 1961; lowest 73.0 ft (22.25 m) below lsd, Sept. 14, 1955. Records available: 1955, 1960-71. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	14.8	....	....	....	....	27.5	....	....	30.8	....
10	....	....	15.8	....	....	....	....	27.3	....	....	....	....
15	....	....	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	29.8	....	....	22.8
Eom	....	....	....	....	....	....	27.9	....	30.1	....	....	22.1
1970												
5	....	14.9	....	10.7	....	....	22.0	27.5	32.2	35.2	28.1	29.5
10	....	15.0	....	11.8	10.2	....	23.2	28.4	32.8	35.5	29.0	30.0
15	12.2	14.6	....	....	11.1	....	24.3	30.0	34.1	33.7	29.3	30.2
20	12.9	15.0	....	....	....	19.7	25.9	29.6	34.7	35.1	28.2	30.2
25	14.5	15.4	....	....	....	20.7	26.8	29.8	34.7	31.9	28.9	29.5
Eom	15.1	12.3	11.5	....	....	21.5	27.9	30.8	34.3	29.3	29.2	23.7
1971												
5	23.8	11.4	11.3	13.0	16.3	....	....	27.2	28.7	28.4	....	....
10	22.9	10.7	11.8	13.9	14.6	....	24.1	27.0	29.0	28.8	....	....
15	22.6	....	12.3	14.9	12.8	....	25.5	27.3	29.4	29.7	....	....
20	15.4	....	13.1	16.0	13.5	....	26.9	27.9	29.8	30.9	....	....
25	15.2	....	13.2	14.3	....	....	28.1	28.2	29.4	....	....	....
Eom	16.6	....	13.0	15.4	15.4	....	27.9	28.6	28.3	....	....	....

Cullman County

341031086504301. Local number Cul-1. City of Cullman. Drilled unused water-table well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 8 in (20 cm), depth 81 ft (25 m), cased to 13 ft (4 m), open hole below. Lsd 768 ft (234 m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 9.06 ft (2.76 m) below lsd, Mar. 17, 1973; lowest 26.62 ft (8.11 m) below lsd, Aug. 6, 1952. Records available: 1952-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.1	10.4	10.7	10.5	10.7	10.7	11.2	11.4	11.3	11.0	....	11.6
10	11.1	10.4	10.6	....	10.4	10.7	11.3	11.4	11.1	11.1	....	11.0
15	11.3	10.3	10.8	9.7	10.7	10.8	11.4	11.6	11.2	11.2	11.7	11.2
20	10.2	10.6	10.2	10.3	10.1	10.9	11.4	11.4	11.0	11.4	11.5	11.4
25	10.7	10.5	10.3	10.7	10.3	10.9	11.1	11.3	10.7	....	11.6	11.1
Eom	10.2	10.5	10.7	10.6	10.4	11.1	11.4	....	11.0	....	11.5	10.7
1970												
5	11.1	10.6	9.9	9.9	10.4	....	....	10.7	9.8	10.4	11.1	11.2
10	11.0	10.3	10.1	....	10.4	....	....	10.7	10.0	9.7	11.0	11.3
15	10.7	10.5	10.3	10.4	10.4	....	....	10.1	....	11.1	11.2	11.1
20	10.8	10.7	9.7	9.8	10.4	....	11.1	....	10.2	....	10.9	11.0
25	10.7	10.4	9.8	9.9	10.3	....	10.7	9.9	10.3	....	11.2	....
Eom	10.7	10.3	10.0	10.4	....	10.7	10.7	10.0	10.2	....	11.2	....
1971												
5	....	10.3	....	10.1	10.2	10.7	....	....	....	10.9	....	11.0
10	10.7	10.6	....	10.3	10.4	10.6	....	....	10.9	10.8	....	10.7
15	10.9	10.5	....	10.3	10.1	10.7	....	....	11.1	10.9	....	10.7
20	11.0	10.4	....	10.3	10.3	10.5	....	....	10.9	11.1	11.6	10.6
25	10.0	....	....	10.2	10.5	10.6	....	....	10.7	....	11.6	10.8
Eom	10.6	....	....	10.1	10.6	10.6	....	....	10.8	....	11.7	10.8

341031086504301--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	10.6	10.4	....	10.6	....	10.7	11.0	11.2	11.0	10.9	10.9
10	....	10.5	10.4	10.3	10.4	11.1	10.8	11.1	11.5	11.4	10.9	10.6
15	....	10.4	....	10.4	10.1	11.1	10.9	10.9	11.5	11.1	10.9	10.6
20	....	10.5	....	10.4	10.3	11.0	11.0	11.0	11.4	11.2	10.9	10.7
25	10.9	10.4	....	10.3	10.5	11.2	11.0	11.0	11.0	11.1	11.0	....
Eom	10.5	10.4	....	10.5	....	10.7	10.9	11.2	10.6	11.0	10.9	....
1973												
5	....	10.4	10.1	10.1	10.1	10.3	10.5	10.8	....	11.5	11.6	11.2
10	....	10.3	10.1	10.0	9.9	10.1	10.6	10.9	....	11.5	11.8	....
15	....	9.9	10.0	10.3	10.0	10.2	10.4	10.6	....	11.6	11.5	....
20	....	10.2	....	10.0	9.9	10.2	10.3	10.7	....	11.6	11.6	....
25	....	10.3	....	9.9	9.9	10.3	10.6	10.8	....	11.7	11.1	....
Eom	10.4	10.4	10.1	9.9	10.1	10.4	10.6	....	11.4	11.3	11.3	10.5

Dallas County

322310086594501. Local number Dls-3. Julian H. Smith. Drilled unused water-table well in sand and gravel of alluvial deposits of Quaternary age, diam 16 in (41 cm), depth 47 ft (14 m), cased to 31 ft (9 m), screened 31-47 ft (9-14 m). Lsd 111.9 ft (34.1 m) above msl. MP top of recorder platform, 0.80 ft (0.24 m) above lsd. Highest water level 10.30 ft (3.14 m) below lsd, Jan. 16, 1972; lowest 25.60 ft (7.80 m) below lsd, Dec. 6, 1972. Records available: 1971-73.

Lowest water level for the day, from recorder graph, 1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	24.9	25.2	25.4	25.1
10	....	....	....	....	....	....	....	....	25.0	25.2	25.4	22.5
15	....	....	....	....	....	....	....	....	25.0	25.3	25.4	23.7
20	....	....	....	....	....	....	....	....	25.1	....	25.4	24.1
25	....	....	....	....	....	....	....	....	25.1	25.3	25.5	23.9
Eom	....	....	....	....	....	....	....	....	25.1	25.4	25.5	24.5
1972												
5	24.3	18.2	17.3	22.5	23.9	24.2	....	....	....	25.3	25.5	25.6
10	18.7	17.6	17.1	22.9	24.0	24.3	....	....	....	25.4	25.5	25.4
15	11.3	19.5	19.5	23.1	23.8	24.4	....	....	....	25.4	25.5	25.5
20	13.6	20.1	20.9	23.3	22.2	24.4	....	....	....	25.4	25.5	25.5
25	15.5	21.0	21.5	23.5	23.5	24.5	....	....	....	25.4	25.5	19.9
Eom	18.4	21.8	22.2	23.8	23.9	....	....	....	....	25.5	25.6	22.4
1973												
5	19.9	20.4	24.0	10.6	....	....	....	23.7	24.0	24.1	24.2	24.1
10	18.5	21.7	23.8	12.4	17.0	....	....	23.8	24.0	24.1	24.2	24.2
15	18.0	....	20.5	14.9	17.2	....	....	23.4	23.8	24.1	24.2	24.2
20	....	....	16.8	18.4	20.0	....	....	23.4	23.9	24.1	24.2	24.4
25	19.8	....	17.1	....	19.6	....	....	23.6	23.9	24.1	24.2	24.4
Eom	21.1	....	17.4	....	....	....	23.6	24.0	24.1	24.2	24.2	22.6

Elmore County

323757086013901. Local number Elm-1. City of Eclectic. At high school. Drilled unused artesian well in auger gneiss, diam 8 in (20 cm), depth 402 ft (123 m), cased to 63 ft (19 m), open hole below. Lsd 557.5 ft (169.9 m) above msl. MP top of casing, at lsd. Highest water level 6.34 ft (1.93 m) below lsd, Apr. 8, 1960; lowest 12.76 ft (3.89 m) below lsd, Oct. 29, 1954. Records available: 1953-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.7	9.1	8.7	...	...	8.5	...	8.8	8.8	8.9	9.7	10.4
10	9.6	8.8	8.6	...	...	...	9.2	8.8	9.0	9.1	9.9	10.3
15	9.6	8.8	8.7	...	...	...	9.2	8.5	9.4	9.2	10.0	10.2
20	9.4	8.6	8.7	...	...	...	9.1	8.4	9.4	9.3	10.1	10.3
25	9.2	8.6	8.4	...	...	...	9.4	...	9.0	9.5	10.2	10.3
Eom	9.2	8.6	...	...	8.4	...	9.2	8.6	9.0	9.6	10.2	10.1
1970												
5	10.2	9.8	9.0	8.3	8.8	9.6	10.3	10.4	9.6	10.4	....	...
10	....	9.5	8.9	8.3	8.9	9.6	10.3	10.2	9.8	10.3	....	9.4
15	....	9.5	8.9	8.4	9.1	9.7	10.6	9.9	10.0	10.0	....	9.5
20	....	9.3	8.9	8.5	9.4	9.9	10.8	9.8	10.1	....	....	9.2
25	....	9.1	8.4	8.6	9.6	9.9	10.5	9.6	10.2	....	....	9.3
Eom	....	9.0	8.3	8.6	9.8	10.2	10.6	9.6	10.2	....	....	9.1
1971												
5	9.0	8.7	7.5	7.0	8.0	...	8.8	8.4	8.4	9.3	10.0	10.0
10	8.9	8.5	7.3	7.2	8.2	...	8.6	8.3	8.5	9.3	10.0	9.8
15	8.8	8.3	7.3	7.4	8.2	...	8.5	8.2	8.6	9.5	10.2	9.7
20	8.7	8.3	7.3	7.6	8.3	8.8	8.6	8.4	8.7	9.7	10.3	9.6
25	...	8.0	7.2	7.8	...	8.9	8.6	8.2	8.8	9.7	10.4	9.6
Eom	8.6	7.8	7.0	7.8	...	8.8	...	8.1	8.9	10.0	10.4	9.5

323757086013901--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.5	8.2	...	8.0	9.2	9.7	9.8	...	10.9	11.7	11.4	10.6
10	9.2	8.0	7.6	8.3	9.3	...	9.9	...	...	11.5	11.4	10.2
15	...	7.9	7.6	8.5	9.2	10.0	9.9	...	...	11.5	11.2	9.6
20	...	7.9	7.7	8.5	9.2	10.0	10.1	...	...	11.6	11.1	9.2
25	8.6	7.9	7.8	8.8	9.4	10.1	10.2	10.6	...	11.6	10.9	...
Eom	8.4	7.9	7.9	9.0	9.6	10.0	10.2	10.7	...	11.4	10.6	8.8
1973												
5	8.6	7.8	8.0	7.5	7.5	8.1	8.8	9.8	10.4	10.9	11.5	11.3
10	8.2	7.8	8.1	7.3	7.4	8.1	9.0	9.9	10.6	11.0	11.7	11.2
15	8.3	7.8	7.9	7.4	7.6	8.3	9.2	...	10.7	11.1	11.7	11.0
20	8.2	7.8	7.7	7.5	7.8	8.3	9.3	10.4	10.8	11.2	11.7	10.9
25	8.0	7.9	7.5	7.5	7.9	8.4	9.5	10.2	11.0	11.3	11.6	10.8
Eom	8.0	8.0	7.4	7.4	7.8	8.7	9.7	10.4	11.1	11.4	11.5	10.3

Franklin County

343131087442801. Local number Fra-1. City of Russellville. Drilled unused artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 6 in (15 cm), depth 210 ft (64 m), cased to 140 ft (43 m), slotted 140-146 ft (43-45 m), open hole below. Lsd 890 ft (271 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 26.57 ft (8.10 m) below lsd, Mar. 30, 1965; lowest 44.15 ft (13.46 m) below lsd, Nov. 27, 1963. Records available: 1962-73.

## Lowest water level for the day, from recorder graph, 1969

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	38.7	35.1	36.1	35.4	33.7	35.4	....	39.4	39.2	38.5	39.1	....
10	39.2	35.4	36.1	34.2	33.8	....	....	38.6	....	37.6	....	....
15	39.6	36.2	36.5	30.7	34.1	....	....	38.8	....	38.4	....	37.7
20	39.5	35.6	35.4	31.7	34.4	....	....	38.3	....	38.8	....	38.1
25	38.9	35.4	34.4	32.7	34.6	....	38.8	38.7	....	38.8	....	37.3
Eom	39.0	35.5	35.3	33.2	35.0	....	39.2	39.0	39.3	39.1	....	33.2
1970												
5	34.8	....	33.0	31.1	31.1	....	35.4	36.8	37.9	38.9	38.0	38.7
10	35.7	34.0	33.4	32.3	32.0	....	35.7	....	38.2	39.1	38.4	38.8
15	35.0	34.4	....	33.0	32.1	....	35.9	37.5	38.4	38.9	38.6	38.9
20	....	33.8	....	31.4	33.3	34.4	36.2	37.5	38.6	39.0	38.2	38.8
25	....	34.1	....	31.4	33.7	34.7	36.4	37.7	38.7	38.1	37.8	36.5
Eom	....	33.8	32.3	31.2	....	35.1	36.6	38.0	38.7	37.2	38.4	37.4
1971												
5	36.8	34.8	32.2	....	34.2	....	....	....	36.7	37.5	38.0	37.6
10	....	34.7	33.0	....	34.6	....	....	....	36.9	37.6	38.4	35.7
15	35.5	35.1	32.8	....	32.4	....	....	35.0	37.1	37.9	38.7	34.2
20	36.1	....	33.2	33.8	....	....	....	35.6	37.5	....	38.7	33.6
25	33.2	33.2	33.7	33.0	....	....	....	36.0	37.5	....	38.9	34.8
Eom	34.1	31.5	....	33.8	....	....	....	36.5	37.3	....	39.1	35.3
1972												
5	....	....	....	32.7	....	35.5	35.8	35.4	37.2	35.1	35.1	....
10	....	....	....	33.0	....	35.9	36.2	....	37.3	36.0	35.4	....
15	....	....	....	33.7	33.5	....	36.5	36.3	37.6	36.4	35.4	....
20	....	....	....	33.7	34.0	....	36.7	36.8	....	36.7	34.9	....
25	....	....	33.5	....	34.6	....	36.8	36.3	....	36.7	35.3	....
Eom	....	....	32.3	....	35.1	....	35.4	36.9	35.1	....	33.3	....
1973												
5	31.0	31.7	32.6	31.6	32.5	....	34.3	35.7	36.3	36.7	37.1	34.7
10	30.7	....	32.4	31.5	33.2	....	34.1	36.0	36.7	37.0	....	35.6
15	32.2	30.4	31.2	....	33.8	....	34.6	35.9	36.4	36.9	37.5	....
20	33.1	32.0	30.2	....	34.0	....	35.0	36.2	36.6	37.2	37.7	....
25	32.2	32.9	31.4	....	34.0	....	35.3	36.4	36.9	37.5	36.5	....
Eom	31.9	33.4	31.3	31.4	33.9	....	35.3	36.7	36.8	37.2	34.2	....

Greene County

325005087532001. Local number Gre-3. City of Eutaw. At sewage pumping plant. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age; diam 4 in (10 cm), previously reported 4 to 2 in (10 to 5.1 cm); depth 407 ft (124 m), cased to 395 ft (120 m); screened 395-407 ft (120-124 m). Lsd 172.14 ft (52.47 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 35.94 ft (10.95 m) below lsd, Apr. 2, 1953; lowest 44.6 ft (13.6 m) below lsd, Nov. 5, 1972. Records available: 1952-73.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	40.6	40.6	40.5	41.2	41.6	41.8	41.7	42.0	41.8	....
10	....	....	40.6	40.6	40.6	41.3	41.7	41.9	41.8	42.0	41.8	....
15	41.1	....	40.6	40.4	40.6	41.4	41.8	42.0	41.8	41.9	41.8	41.4
20	41.0	....	40.6	40.4	40.7	41.5	41.8	41.6	41.9	41.9	....	....
25	....	40.7	40.6	40.4	40.8	41.5	41.8	41.6	42.0	41.9	....	....
Eom	....	40.7	40.6	40.4	41.0	41.5	41.8	41.7	42.0	41.9	....	....



325005087532001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	...	40.8	40.8	41.8	....	42.1	...	....	....	41.7
10	....	....	41.1	40.8	40.8	41.7	....	42.2	42.1	....	....	....
15	....	....	41.0	40.8	41.0	41.7	42.0	42.1	....	42.1	....	....
20	41.4	....	41.0	40.8	41.0	41.7	42.1	41.8	....	....	41.7	....
25	....	....	40.9	40.8	41.2	41.7	42.1	41.8	....	....	41.7	41.4
Eom	....	....	40.8	40.8	41.8	....	42.1	....	....	....	41.7	41.3
1971												
5	41.3	41.4	....	41.0	41.2	41.4	42.1	42.5	42.6	....	42.5	42.1
10	41.3	....	41.1	41.0	41.3	41.4	42.2	42.6	42.5	43.0	42.5	42.0
15	....	....	41.1	41.1	41.3	41.7	42.4	42.6	42.5	42.8	42.5	41.9
20	....	....	41.0	41.2	41.3	41.8	42.4	42.7	42.5	42.7	42.5	41.9
25	....	....	41.0	41.2	41.4	41.9	42.4	42.7	42.4	42.6	42.4	....
Eom	41.4	....	41.0	41.3	41.4	42.0	42.5	42.8	....	42.5	42.2	41.9
1972												
5	41.8	41.5	41.5	41.4	41.9	42.7	42.8	43.2	44.0	44.1	44.6	43.3
10	41.8	41.7	41.6	41.5	41.9	43.0	42.9	43.3	44.1	44.1	44.2	43.3
15	41.6	41.6	41.6	41.6	42.1	43.0	42.9	43.4	44.2	44.1	43.8	43.2
20	41.7	41.6	41.6	41.7	42.4	42.9	42.9	43.5	44.4	44.1	43.6	43.2
25	41.7	41.6	41.4	41.7	42.4	42.9	43.0	43.8	44.3	44.1	43.4	42.9
Eom	41.6	41.6	41.4	41.8	42.5	42.9	43.1	43.9	44.3	44.5	43.3	42.9
1973												
5	42.8	42.3	42.3	42.0	41.9	42.2	42.9	42.9	....	43.0	43.1	42.9
10	42.6	42.3	42.2	41.8	41.9	42.2	42.6	43.1	....	43.1	43.2	42.9
15	42.6	42.3	42.0	41.9	41.9	42.2	42.7	43.2	....	43.1	43.1	42.9
20	42.6	42.3	42.0	41.9	42.0	42.4	42.7	43.2	43.0	43.1	43.1	42.9
25	42.4	42.3	42.1	....	42.1	42.7	42.8	43.1	43.1	43.1	43.0	42.9
Eom	42.4	42.3	42.0	....	42.2	42.9	42.9	43.2	43.2	43.2	43.0	42.8

Hale County

324205087352801. Local number Hal-1. City of Greensboro. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age; diam 10 in (25 cm), previously reported 10 to 8 in (25 to 20 cm); depth 278 ft (85 m), previously reported 280 ft (85 m); cased to 258 ft (79 m); screened 258-278 ft (79-85 m). Lsd 257 ft (78 m) above msl. MP top of casing, at lsd. Highest water level 40.12 ft (12.23 m), tape measurement, below lsd, Apr. 12, 1962; lowest 50.7 ft (15.5 m) below lsd, Nov. 10, 15, 20, 1973. Records available: 1961-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	45.5	45.0	45.0	44.9	44.6	44.6	45.4	46.1	46.7	46.7	46.6	46.6
10	45.4	44.9	44.9	44.8	44.6	44.7	45.6	46.2	46.7	46.6	46.6	46.5
15	45.4	45.0	45.0	44.7	44.6	44.8	45.6	46.3	46.8	46.6	46.6	46.5
20	45.2	44.9	45.0	44.6	44.5	45.0	45.8	46.3	46.9	46.6	46.7	46.5
25	45.1	44.9	44.9	44.5	44.5	45.0	45.8	46.4	46.8	46.6	46.7	46.4
Eom	45.0	45.0	44.9	44.5	44.5	45.2	46.0	46.6	46.8	46.6	46.6	46.2
1970												
5	46.2	45.9	45.7	45.3	45.4	45.6	45.6	46.4	46.5	46.9	46.7	46.7
10	46.2	45.9	45.6	45.4	45.5	45.5	45.6	46.5	46.5	47.0	46.8	46.7
15	46.1	45.8	45.6	45.4	45.6	45.5	46.0	46.5	46.6	47.0	46.7	46.7
20	46.0	45.8	45.5	45.3	45.6	45.5	46.2	46.5	46.7	47.0	46.7	46.7
25	46.0	45.8	45.4	45.4	45.7	45.5	46.2	46.4	46.8	46.8	46.8	46.7
Eom	45.9	45.8	45.3	45.4	45.8	45.5	46.3	46.5	46.8	46.8	46.7	46.6
1971												
5	46.5	46.2	45.7	45.5	45.6	45.7	46.1	46.1	46.5	46.9	47.5	47.5
10	46.4	46.1	45.6	45.5	45.6	45.7	46.2	46.1	46.5	47.06	47.5	47.3
15	46.4	46.0	45.5	45.5	45.6	45.7	46.2	46.2	46.6	47.22	47.5	47.1
20	46.3	46.0	45.5	45.5	45.6	45.8	46.3	46.4	46.7	47.36	47.5	47.1
25	46.3	45.9	45.5	45.6	45.6	45.9	46.3	46.4	46.7	47.40	47.6	46.9
Eom	46.2	45.9	45.4	45.6	45.6	45.0	46.2	46.5	46.8	47.47	47.8	46.8
1972												
5	46.6	46.1	45.9	46.0	46.3	46.8	47.4	48.2	48.7	49.1	49.3	49.2
10	46.5	46.0	46.0	46.1	46.4	46.9	47.6	48.3	48.9	49.2	49.3	49.1
15	46.2	45.9	45.9	46.1	46.4	47.1	47.7	48.4	49.0	49.3	49.3	49.1
20	46.2	45.9	45.9	46.2	46.5	47.2	47.8	48.5	49.1	49.4	49.3	49.0
25	46.1	45.9	45.9	46.2	46.6	47.3	47.9	48.6	49.2	49.4	49.3	48.8
Eom	46.1	45.9	45.9	46.3	46.7	47.4	48.1	48.6	49.2	49.4	49.2	48.7
1973												
5	48.6	48.2	48.3	47.7	47.6	47.7	48.0	47.8	49.7	50.3	50.6	50.5
10	48.4	48.2	48.2	47.7	47.6	47.7	48.0	47.9	49.8	50.3	50.7	50.4
15	48.4	48.2	48.2	47.7	47.6	47.7	48.0	48.1	49.9	50.4	50.7	50.4
20	48.3	48.2	48.0	47.7	47.6	47.8	47.9	49.0	50.0	50.4	50.7	50.4
25	48.3	48.2	47.9	47.7	47.7	47.8	47.8	49.3	50.1	50.5	50.6	50.3
Eom	48.2	48.2	47.8	47.6	47.7	47.9	47.7	49.6	50.2	50.5	50.6	50.1

Jackson County

344003086012101. Local number Jac-1. Tennessee Valley Authority. In Scottsboro. Drilled unused water-table well in Fort Payne Chert of Early Mississippian age, diam 8 in (20 cm), depth 16 ft (5 m), cased to 16 ft (5 m), open end. Lsd 641.88 ft (195.65 m) above msl. MP top of casing, at lsd. Highest water level 0.4 ft (0.1 m) below lsd, Jan. 31, 1957; lowest dry, many times during period of available records. Records available: 1936-41, 1943-73. Measurement discontinued. Replaced by well Jac-2.

344003086012101--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1969	5.02	Feb. 10, 1970	4.80	July 1, 1971	9.97	Nov. 2, 1972	7.15
Feb. 6	1.78	Mar. 2	4.80	Aug. 2	9.28	Dec. 1	8.21
Apr. 2	5.13	Apr. 2	1.94	Sept. 2	7.22	Feb. 7, 1973	4.09
May 1	6.13	June 1	9.57	Oct. 1	9.32	Mar. 1	5.44
June 2	6.65	July 1	10.85	Nov. 2	10.09	Apr. 2	3.78
July 1	8.14	Sept. 2	(f)	Jan. 2, 1972	2.50	June 1	4.74
Sept. 4	12.80	Oct. 2	11.26	Feb. 15	3.89	Aug. 31	.56
Oct. 2	7.00	Dec. 2	10.29	May 2	5.85	Oct. 2	10.51
10	9.53	Jan. 6, 1971	4.68	June 1	7.80	Nov. 1	10.82
Nov. 3	9.92	Feb. 22	.57	July 6	8.88	Dec. 3	6.05

f Dry.

344003086012102. Local number Jac-2. Tennessee Valley Authority. In Scottsboro. Drilled unused water-table well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 40 ft (12 m), cased to 35 ft (11 m), slotted 35-40 ft (11-12 m). Lsd 648.68 ft (197.72 m) above msl. MP top of casing, 2.20 ft (0.67 m) above lsd. Highest water level 2.00 ft (0.61 m) below lsd, Mar. 17, 1973; lowest 21.00 ft (6.40 m) below lsd, Sept. 17, 1972. Records available: 1971-73. Replaces well Jac-1.

Lowest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	...	...	8.0	7.5	...	13.8	17.6	15.4	15.7	15.5	18.4	14.1
10	10.4	8.0	9.4	...	...	14.3	17.5	16.5	17.6	13.7	19.2	...
15	10.4	...	10.4	...	...	14.9	18.3	18.0	19.0	14.7	19.9	...
20	10.0	...	10.0	...	...	15.1	17.9	19.0	...	15.8	20.2	...
25	...	8.3	10.6	...	...	15.5	18.8	19.7	...	16.5	20.5	...
Eom	...	8.1	...	...	...	16.5	16.2	20.3	...	18.0	20.2	...
1972												
5	5.8	...	6.8	...	10.3	13.7	14.3	...	19.5	14.8	11.6	9.4
10	6.5	...	7.4	...	10.5	14.5	...	...	20.3	15.4	10.7	7.3
15	6.8	8.0	8.3	...	8.9	15.4	...	...	20.9	15.9	9.6	6.8
20	...	7.2	8.3	...	10.4	13.4	...	15.3	18.7	11.9	8.9	7.7
25	...	8.4	8.7	...	11.4	13.8	...	16.6	20.2	13.1	9.4	7.7
Eom	...	8.2	6.8	...	12.6	14.8	10.8	18.5	18.5	11.6	8.6	9.3
1973												
5	6.9	...	8.3	8.8	...	9.9	9.2	12.8	16.5	16.4	18.5	10.9
10	5.6	7.3	...	9.4	...	9.1	10.2	13.7	17.6	17.5	18.9	11.9
15	8.3	6.3	6.6	...	...	8.4	10.8	11.8	17.1	18.6	19.5	12.4
20	...	8.7	6.7	...	...	9.1	10.5	12.0	18.4	19.4	20.0	12.8
25	...	9.8	8.5	...	...	10.2	11.5	...	19.1	20.0	15.4	11.6
Eom	...	...	9.2	...	...	9.2	11.7	15.5	...	18.5	10.0	7.6

## Jefferson County

332605086523001. Local number Jef-1. Woodward Iron Co. In Bessemer. Drilled unused artesian well in Bangor Limestone of Late Mississippian age, diam 6 in (15 cm), depth 140 ft (43 m), cased to 68 ft (21 m), open hole below. Lsd 641.94 ft (195.66 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 12.2 ft (3.7 m) below lsd, Apr. 7, 1973; lowest 83.04 ft (25.31 m) below lsd, Dec. 27, 28, 1954. Records available: 1954-73.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.6	17.0	18.2	15.8	16.5	...	21.2	25.9	29.3	31.5	33.3	34.8
10	22.6	...	17.2	16.6	16.0	...	22.2	26.5	29.8	31.8	33.6	34.0
15	23.1	16.0	17.2	15.2	16.3	...	...	27.0	30.2	32.2	33.9	34.4
20	19.8	16.3	16.9	14.1	...	18.6	...	27.6	30.6	32.4	34.0	34.7
25	18.8	16.8	...	14.2	...	19.6	...	28.2	30.8	32.7	34.2	33.9
Eom	18.0	17.1	15.5	15.2	...	20.7	25.2	28.8	31.2	33.0	34.4	32.1
1970												
5	31.5	27.4	25.0	19.7	17.7	22.8	28.0	30.8	31.9	33.8	31.4	...
10	30.6	26.8	23.8	20.5	18.6	23.1	28.7	31.1	32.3	33.6	31.7	...
15	29.9	27.0	23.9	21.7	20.0	24.1	29.4	31.2	32.6	33.9	32.0	...
20	29.5	27.8	20.8	20.1	21.7	25.2	29.8	31.2	32.9	33.2	31.6	...
25	29.5	27.7	19.7	19.6	23.0	26.2	29.8	31.3	33.2	32.0	...	...
Eom	28.7	27.0	19.6	17.7	24.8	27.3	30.5	31.7	33.5	31.2	...	...
1971												
5	25.4	19.0	14.7	14.1	19.8	22.0	...	19.6	25.1	23.7	26.6	...
10	24.5	19.0	14.6	14.6	20.8	...	21.0	20.3	25.8	24.1	...	22.4
15	23.9	18.3	14.2	15.6	19.2	...	20.9	21.2	26.6	24.9	...	21.4
20	23.4	18.4	14.6	17.1	19.1	...	20.2	22.5	26.6	25.8	...	20.8
25	22.9	...	15.0	18.2	20.0	...	19.9	...	25.2	26.3	...	20.3
Eom	21.2	...	14.3	19.2	20.9	...	19.6	...	23.4	27.0	...	20.5
1972												
5	17.2	...	...	17.7	22.7	...	28.4	30.8	32.5	30.6	...	...
10	15.8	...	...	18.3	23.5	...	28.9	31.2	32.3	31.3	...	...
15	...	...	...	18.8	22.9	...	29.3	31.3	32.6	...	...	...
20	...	...	...	19.7	23.4	...	27.6	29.8	31.6	32.7	...	...
25	...	...	16.2	20.7	...	...	28.2	30.1	31.9	32.9	...	...
Eom	...	...	16.9	21.7	...	...	27.9	30.5	32.3	31.2	...	...

332605086523001--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	16.1	17.5	13.0	14.6	15.3	20.0	20.0	23.0	24.8	28.3	24.7
10	....	16.5	16.5	12.5	14.1	16.0	20.7	20.5	23.9	25.0	28.2	24.2
15	....	16.5	15.5	13.0	13.7	16.7	21.9	20.2	24.7	25.6	28.1	24.1
20	17.4	16.5	14.6	13.6	14.0	17.7	22.0	20.2	25.5	26.2	28.5	24.2
25	16.7	17.1	14.0	14.2	14.5	18.7	22.1	21.0	26.2	26.8	27.8	23.1
Eom	16.3	17.7	13.6	14.0	14.7	19.3	22.1	22.1	26.7	27.4	26.4	19.7

Lauderdale County

345034087552201. Local number Lau-1. U.S. Park Service. Near Oakland. Drilled unused artesian well in limestone of Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 344 ft (105 m), cased to 30 ft (9 m), open hole below. Lsd 435 ft (133 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 15.3 ft (4.7 m) below lsd, May 31, 1973; lowest 24.04 ft (7.33 m) below lsd, Dec. 11, 1968. Records available: 1967-73. Water levels affected by stage of Pickwick Reservoir.

## Lowest water level for the day, from recorder graph, 1967

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	18.8	....	20.3	20.7	22.2	22.4	....
10	....	....	....	....	....	19.0	....	19.6	20.7	22.0	22.8	23.0
15	....	....	....	....	....	19.1	....	20.1	20.5	22.0	22.8	23.0
20	....	....	....	....	....	19.4	....	20.5	20.7	22.2	23.0	21.3
25	....	....	....	....	18.6	19.7	20.3	20.5	....	22.1	23.0	20.0
Eom	....	....	....	....	18.7	....	....	19.8	....	....	22.9	22.8

## 1968

5	21.8	22.8	23.2	....	18.4	....	18.8	20.7	21.2	22.0	22.6	23.8
10	20.7	22.7	22.8	17.5	18.3	....	19.6	20.3	20.8	22.2	23.2	23.9
15	20.3	23.1	20.8	17.8	....	19.3	20.3	20.6	21.2	22.0	22.9	23.9
20	....	23.1	22.4	18.7	....	19.3	20.3	20.7	21.3	22.5	23.1	23.8
25	....	23.2	20.2	18.6	....	19.6	....	21.1	21.5	22.3	....	23.8
Eom	....	23.0	18.9	18.2	....	19.5	....	21.0	21.9	22.8	....	23.7

## 1969

5	23.9	19.9	23.6	20.1	18.2	19.0	19.2	21.3	....	22.1	22.7	23.3
10	23.9	21.8	23.5	19.0	18.4	18.8	19.2	....	....	22.1	22.9	23.3
15	23.7	....	23.4	17.7	18.5	19.0	19.5	....	....	22.1	23.1	23.3
20	23.9	....	22.5	19.0	17.9	19.0	20.5	....	21.4	22.3	22.9	23.3
25	23.7	....	....	18.5	18.1	19.3	20.6	....	21.6	....	23.6	23.3
Eom	23.9	....	....	18.6	18.7	19.9	20.8	....	21.7	....	23.4	19.5

## 1970

5	20.2	20.2	23.2	....	17.8	18.4	....	....	20.7	21.4	22.5	23.3
10	22.4	22.4	23.1	....	....	18.0	....	....	....	21.5	....	23.3
15	23.5	23.5	22.8	....	17.8	18.2	....	....	....	22.0	....	23.5
20	23.4	23.4	20.4	16.5	17.8	18.8	....	....	....	22.0	....	23.5
25	23.5	23.5	19.8	....	17.2	19.0	....	....	....	22.0	....	22.5
Eom	23.6	23.6	19.8	....	....	18.9	....	....	....	22.7	....	23.5

## 1971

5	....	22.9	....	20.8	....	....	20.5	21.4	....	22.7	22.6	23.4
10	....	22.4	22.1	20.1	....	....	20.1	20.6	....	22.0	22.8	22.4
15	23.2	22.6	....	19.9	....	....	20.5	20.9	....	22.4	22.8	23.5
20	23.2	22.5	....	18.9	....	....	21.1	20.8	....	22.5	23.0	23.3
25	21.9	....	....	16.6	....	....	21.1	21.0	....	22.2	23.1	23.4
Eom	22.0	20.3	21.3	18.2	....	....	20.9	21.3	....	22.8	23.4	23.2

## 1972

5	20.4	23.1	22.0	....	19.0	19.1	19.6	20.5	21.5	22.0	22.5	22.8
10	18.4	22.8	....	19.7	18.7	19.0	20.1	....	21.3	22.1	22.5	23.0
15	19.9	23.1	....	19.6	19.2	19.3	19.7	20.9	....	22.6	22.9	19.1
20	22.8	23.1	....	19.1	18.5	19.1	20.2	21.2	....	22.9	22.6	....
25	23.2	23.1	....	17.6	19.3	19.6	20.5	21.5	....	....	22.2	....
Eom	23.0	22.9	....	....	19.0	19.3	20.3	21.3	21.8	....	22.5	....

## 1973

5	....	....	22.2	....	....	....	....	....	20.2	21.4	22.5	....
10	....	21.5	21.5	....	....	....	....	....	20.5	21.3	22.7	....
15	....	20.5	20.6	....	....	....	....	....	20.5	21.5	22.6	22.7
20	....	21.7	....	....	....	....	....	....	20.8	21.8	22.6	23.0
25	....	22.2	....	....	....	....	....	....	20.6	21.9	22.6	22.7
Eom	....	22.4	....	....	15.3	....	....	....	21.3	22.0	18.8	16.5

Lawrence County

342901087170401. Local number Law-1. City of Moulton. At hospital. Drilled unused artesian well in Bangor Limestone of Late Mississippian age, diam 6 in (15 cm), depth 260 ft (79 m), cased to 20 ft (6 m), open hole below. Lsd 650 ft (198 m) above msl. MP top of casing, 0.40 ft (0.12 m) above lsd. Highest water level 10.54 ft (3.21 m) below lsd, Feb. 23, 1961; lowest 23.57 ft (7.18 m) below lsd, Nov. 21, 22, 1963. Records available: 1955-73.

342901087170401--Continued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.5	13.2	16.2	16.1	16.7	17.5	17.7	16.9	17.8	17.1	17.2	17.0
10	17.7	14.1	16.3	15.2	16.0	17.8	17.7	18.4	17.9	16.9	17.5	....
15	17.9	15.1	16.7	13.4	16.5	17.7	16.2	18.8	18.2	17.2	18.1	....
20	16.0	15.1	15.2	14.4	16.4	17.7	17.4	17.1	18.2	17.4	16.7	16.2
25	14.5	15.4	14.8	15.4	16.6	17.8	16.4	17.0	17.9	16.7	16.4	15.5
Eom	15.3	15.7	15.6	16.0	17.1	18.3	16.5	17.7	17.9	17.0	16.6	12.9
1970												
5	13.9	...	15.0	13.8	14.0	15.8	17.8	18.0	19.0	20.8	17.8	17.2
10	15.1	15.2	15.2	15.0	15.0	16.2	17.8	18.0	19.0	20.8	17.8	17.4
15	14.9	15.6	15.2	15.6	...	16.2	18.2	18.4	19.2	19.6	17.8	17.4
20	15.4	16.0	14.6	14.0	16.4	16.6	18.4	18.4	19.6	19.4	17.0	17.0
25	15.7	16.0	13.6	14.4	16.8	16.8	17.6	18.6	20.0	18.2	17.8	15.6
Eom	15.6	15.8	14.2	13.8	17.0	17.4	17.8	19.0	20.2	17.6	17.2	16.0
1971												
5	15.4	15.0	13.4	14.5	16.5	17.7	17.5	17.2	18.0	17.7	17.0	15.6
10	15.8	15.0	14.2	15.4	17.0	17.9	17.9	17.5	18.1	16.7	17.0	14.3
15	15.9	15.4	14.6	16.0	16.0	17.9	17.7	17.7	18.2	17.1	17.3	14.3
20	15.9	15.7	15.2	16.4	16.4	17.7	17.8	17.8	17.6	17.4	17.5	14.0
25	13.5	13.6	15.6	15.8	....	17.0	17.7	17.8	17.5	17.1	17.4	15.0
Eom	14.4	12.8	13.8	16.1	17.3	17.7	16.9	18.2	17.6	17.2	17.4	15.5
1972												
5	12.9	15.3	14.6	14.8	16.3	17.3	17.1	17.3	18.2	15.8	15.2	15.1
10	13.5	15.5	14.6	15.4	...	17.7	17.5	17.7	18.5	16.6	15.4	14.5
15	14.3	15.6	....	16.0	15.4	17.7	12.8	18.0	18.6	16.7	15.6	....
20	15.1	15.7	....	15.8	15.8	17.4	18.0	18.3	17.1	16.6	15.2	....
25	15.5	15.7	15.5	15.3	16.5	17.9	17.7	17.6	17.6	16.7	15.1	....
Eom	15.1	16.0	14.3	16.0	17.0	....	17.4	18.6	15.5	15.9	14.3	....
1973												
5	13.6	14.4	15.5	14.5	15.2	15.6	15.9	16.9	18.0	18.3	18.0	15.0
10	13.2	14.4	15.2	14.6	15.5	15.8	16.1	17.2	18.1	18.2	18.2	15.8
15	14.9	13.3	14.2	15.3	15.9	15.5	16.0	16.7	18.2	18.2	18.0	16.1
20	15.2	14.3	12.9	15.7	16.3	15.4	15.5	17.0	18.2	18.2	18.2	16.4
25	14.1	15.1	14.1	14.7	15.6	15.1	16.3	17.6	18.4	18.4	17.3	16.1
Eom	14.5	15.5	14.5	14.6	15.3	15.8	16.3	17.9	18.4	18.0	14.0	13.5

344004087205101. Local number Law-2. State of Alabama. At Courtland Air Base. Drilled unused artesian well in Fort Payne Chert (previously reported limestone of Fort Payne Chert) of Early Mississippian age, diam 12 in (30 cm), depth 200 ft (61 m), cased to 55 ft (17 m), open hole below. Lsd 582 ft (177 m) above msl. MP top of casing, at lsd. Highest water level 9.60 ft (2.92 m) below lsd, Mar. 17, 1973; lowest 50.6 ft (15.4 m) below lsd, Nov. 1, 2, 1963. Records available: 1960-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	38.1	15.2	....	34.0	29.5	39.9	42.8	43.5	41.8	44.8	45.3	42.6
10	41.0	17.2	....	29.4	32.0	40.6	43.2	44.1	42.7	44.5	45.4	....
15	40.7	20.6	34.4	....	34.5	40.9	43.5	44.7	43.4	44.7	45.3	....
20	41.0	21.6	31.8	19.4	35.7	40.9	44.0	42.5	44.0	44.8	44.6	40.5
25	35.8	....	29.0	22.6	37.6	41.5	42.8	39.6	44.3	44.9	42.4	38.8
Eom	37.1	....	31.6	26.5	39.1	42.3	42.8	40.8	44.7	45.2	42.6	....
1970												
5	....	23.8	29.7	16.2	16.0	....	....	42.5	45.1	....	42.1	42.6
10	....	26.2	....	19.6	18.7	....	....	42.6	44.9	48.2	42.6	42.6
15	24.8	28.7	30.3	22.6	....	....	41.0	43.4	45.0	47.1	43.0	42.6
20	27.3	27.3	22.0	....	....	....	41.8	43.7	45.3	46.6	43.0	42.6
25	29.9	29.5	19.6	....	....	....	41.7	44.1	45.9	45.2	41.5	36.5
Eom	24.2	29.3	21.5	18.0	....	....	42.1	44.5	46.5	42.4	41.0	37.0
1971												
5	34.6	....	....	....	34.7	36.5	41.4	40.7	....	....	42.5	41.6
10	36.4	....	....	....	36.7	38.0	42.1	40.0	....	....	43.0	33.9
15	34.7	....	....	....	28.0	39.4	42.6	39.9	....	....	43.6	29.4
20	32.3	....	....	....	32.5	29.3	39.9	41.5	40.7	....	43.9	28.6
25	27.2	....	....	....	29.7	31.7	40.2	41.9	38.6	....	44.1	30.9
Eom	....	....	....	32.4	34.9	41.0	41.4	....	....	....	44.3	33.1
1972												
5	19.9	27.5	19.8	21.8	....	42.4	38.5	36.7	42.7	35.3	36.1	30.8
10	18.8	29.1	19.3	23.7	....	42.8	39.3	38.4	43.3	36.8	37.0	27.9
15	17.9	20.7	....	....	39.3	42.9	40.3	39.8	43.6	38.6	37.5	19.7
20	20.8	22.0	....	....	40.0	43.2	40.8	40.8	43.1	39.1	37.5	....
25	23.6	23.7	23.2	....	41.0	43.7	41.5	40.6	42.1	39.9	36.4	....
Eom	25.1	24.8	20.5	....	41.9	....	37.4	41.9	38.7	37.9	29.6	....
1973												
5	20.3	....	....	17.3	21.5	31.5	36.5	38.2	42.9	45.1	45.5	37.1
10	17.7	....	21.5	18.3	24.5	33.3	34.3	39.4	43.4	45.2	45.5	38.8
15	21.4	....	20.2	20.7	27.5	33.4	33.5	39.8	43.8	45.3	45.7	39.7
20	....	19.4	13.3	23.1	24.5	35.0	32.6	40.7	44.1	45.4	45.8	40.7
25	....	23.5	15.5	23.0	30.4	36.5	35.5	41.5	44.4	45.5	44.4	40.5
Eom	....	....	15.6	18.0	29.1	37.9	....	42.3	44.8	45.5	35.6	39.3

Limestone County

344819086581601. Local number Lim-4. City of Athens. Drilled unused artesian well in limestone of Port Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 143 ft (44 m), cased to 52 ft (16 m), open hole below. Lsd 711 ft (217 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 11.58 ft (3.53 m) below lsd, Mar. 12, 1963; lowest 43.09 ft (13.13 m) below lsd, Nov. 1, 1968. Records available: 1961-73.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	16.2	15.6	....	....	....	18.1	21.4	20.9	23.1	23.9	....
10	....	....	....	....	....	19.8	19.8	22.1	21.2	23.4	23.9	....
15	17.4	....	16.1	....	....	....	18.9	22.5	22.0	23.4	23.7	17.3
20	e17.3	....	16.9	....	....	....	19.9	21.9	23.0	24.3	22.8	17.3
25	....	15.0	17.4	....	....	....	19.6	21.5	23.5	24.7	21.4	16.3
Eom	18.0	15.3	....	....	....	18.2	20.5	22.0	23.2	24.7	....	16.4
1962												
5	16.5	15.9	15.2	16.2	17.8	20.6	19.7	22.2	25.0	22.5	24.2	22.7
10	15.8	16.7	15.3	15.5	18.5	19.9	19.9	....	24.8	22.8	23.4	21.2
15	16.2	17.2	15.6	14.8	19.6	20.6	20.6	24.6	25.2	23.2	25.2	22.3
20	16.3	16.6	....	16.0	....	20.0	22.0	....	22.0	24.0	24.0	22.3
25	15.5	13.8	16.5	16.6	20.4	19.3	22.7	....	23.8	24.0	23.8	19.7
Eom	15.0	14.0	15.9	17.4	21.0	19.2	22.3	24.6	22.7	24.4	22.7	21.8
1963												
5	20.6	18.5	19.7	17.2	17.8	18.8	19.2	21.2	21.7	25.3	h26.1	26.8
10	23.0	17.6	16.7	16.6	19.0	19.3	19.7	22.1	22.1	24.4	24.4	27.1
15	21.1	18.0	14.9	18.4	19.6	19.5	19.8	22.7	....	26.2	26.3	23.4
20	22.0	17.9	16.3	18.2	19.8	19.1	20.8	23.1	23.5	25.8	27.3	24.3
25	20.1	18.0	16.9	19.7	20.7	18.4	21.1	23.6	....	26.7	26.5	23.6
Eom	20.7	18.3	16.1	17.4	17.3	18.6	20.9	21.9	....	26.9	25.1	23.5
1964												
5	21.7	19.4	16.5	17.9	19.1	24.1	27.8	32.5	31.0	28.1	29.3	23.8
10	19.7	19.6	17.4	17.8	19.0	25.5	31.2	30.8	33.2	28.2	28.5	24.4
15	20.0	18.6	....	18.6	20.6	26.5	30.5	....	33.0	29.2	28.0	21.9
20	20.1	17.6	16.4	19.5	21.6	27.3	28.5	31.9	29.2	27.4	29.0	20.7
25	18.4	18.4	17.3	19.8	22.2	29.7	....	31.2	30.3	27.0	25.3	20.2
Eom	18.5	18.3	17.7	18.7	22.8	30.2	32.4	31.4	30.6	27.8	....	21.0
1965												
5	20.3	21.4	19.8	17.5	22.5	....	....	36.1	....	....	....	....
10	19.3	19.9	21.4	19.0	23.2	....	....	....	35.5	....	....	....
15	18.9	18.3	20.8	19.8	24.7	19.5	....	....	....	....	....	....
20	20.1	19.1	19.5	20.8	....	....	....	....	....	....	....	....
25	20.2	19.4	19.3	20.5	....	....	....	....	....	....	....	....
Eom	19.6	18.6	16.7	21.7	....	....	34.3	36.1	....	....	....	....
1966												
5	34.2	31.0	25.6	29.3	28.8	26.8	34.4	37.7	35.0	32.4	32.0	28.7
10	33.2	32.1	25.8	27.7	28.1	30.9	33.7	28.1	33.8	31.5	33.3	28.4
15	32.9	28.1	25.8	30.9	26.0	32.0	37.2	36.0	33.9	34.5	30.2	26.4
20	33.9	26.3	25.2	30.8	25.4	31.7	37.9	36.0	31.4	31.7	27.3	25.1
25	32.3	26.7	28.9	29.0	25.8	36.2	37.9	....	29.9	33.4	e26.7	24.4
Eom	30.2	25.8	28.1	29.1	27.0	36.1	36.4	e37.3	31.7	32.7	29.3	24.9
1967												
5	24.7	25.0	22.0	29.0	26.7	25.6	29.7	26.2	....	33.8	....	24.9
10	25.2	27.2	22.9	30.0	25.3	29.3	29.3	25.2	....	33.4	....	23.7
15	24.3	25.5	24.8	30.9	24.0	31.2	26.1	25.2	....	34.0	....	24.9
20	24.7	24.0	24.0	33.4	24.8	30.8	26.1	....	28.3	....	....	20.5
25	26.3	22.7	24.5	31.1	....	28.3	25.9	....	28.8	....	25.1	17.6
Eom	25.2	22.4	26.9	26.9	24.5	31.0	25.1	....	30.4	....	26.7	18.2
1968												
5	19.4	23.1	29.0	22.7	25.6	28.0	37.2	38.9	40.4	41.8	41.9	41.2
10	18.8	25.0	27.4	23.3	28.8	29.4	38.0	39.9	40.2	41.7	40.5	41.8
15	....	26.6	25.7	22.3	24.9	31.7	37.9	41.1	38.9	41.6	43.0	41.1
20	20.7	25.8	25.3	23.8	23.6	33.9	38.9	40.4	41.0	40.6	42.6	42.8
25	21.6	25.8	22.0	25.2	26.3	35.1	39.9	40.6	41.2	42.8	39.5	39.0
Eom	23.0	27.5	21.6	25.8	28.0	36.6	39.8	41.0	40.3	42.8	38.1	39.2
1969												
5	38.1	29.4	....	29.5	29.3	....	35.5	24.1	....	20.1	20.2	19.6
10	39.6	27.2	....	27.6	29.3	31.4	35.3	25.5	20.9	19.8	20.0	19.1
15	39.5	28.5	29.3	24.3	31.0	31.7	29.6	22.5	20.5	19.7	20.6	18.8
20	35.7	27.1	28.6	24.0	29.3	34.1	30.3	23.0	20.4	19.9	19.8	18.7
25	35.0	27.6	28.0	27.2	29.8	35.2	....	24.6	20.3	19.9	19.4	18.7
Eom	34.1	27.9	27.3	27.7	30.3	36.4	23.1	25.4	20.1	19.9	....	15.7
1970												
5	15.4	14.7	14.6	13.3	13.8	16.0	17.5	18.1	18.5	....	....	....
10	15.8	14.7	14.9	14.0	14.7	16.1	17.3	18.2	18.8	....	....	....
15	15.7	14.9	14.8	13.7	13.7	16.1	17.7	18.3	....	....	....	....
20	15.1	14.8	13.8	14.4	14.2	16.2	17.8	18.6	....	....	....	....
25	16.0	15.1	13.7	14.3	15.0	16.5	17.9	18.5	....	....	....	....
Eom	15.2	15.1	14.3	13.4	16.4	16.9	18.0	18.7	....	....	....	....
1971												
5	....	....	....	....	....	....	....	....	....	....	20.3	20.3
10	....	....	....	....	....	....	....	....	....	....	20.3	....
15	....	....	....	....	....	....	....	....	....	....	20.3	....
20	....	....	....	....	....	....	....	....	....	....	20.3	....
25	....	....	....	....	....	....	....	....	....	....	20.4	....
Eom	....	....	....	....	....	....	....	....	....	....	20.3	....

344819086581601--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	18.7	18.1	17.8	17.4
10	....	....	....	....	....	....	....	18.4	....	18.4	17.7	17.1
15	....	....	....	....	....	....	....	18.4	....	18.4	17.6	16.5
20	....	....	....	....	....	....	....	18.5	....	18.3	17.6	....
25	....	....	....	....	....	....	....	18.5	....	18.0	17.9	....
Eom	....	....	....	....	....	....	....	18.7	18.5	18.0	17.6	....
1973												
5	....	....	16.3	14.2	....	16.1	17.7	18.2	....	18.7	19.2	16.6
10	....	14.4	16.2	14.5	....	16.6	17.6	18.5	18.4	18.7	19.3	16.8
15	....	13.7	15.3	14.8	....	17.0	17.8	18.3	18.0	18.8	18.4	16.7
20	....	14.6	....	15.4	....	17.3	17.8	18.5	18.1	19.0	16.1	14.2
25	....	15.4	....	....	....	17.2	18.0	18.8	18.3	19.1	16.0	13.9
Eom	....	15.8	14.1	....	15.6	17.6	....	19.1	18.5	19.0	16.1	12.9

e Estimated.

h Tape measurement.

## Madison County

344402086343901. 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 (20 cm), depth 140 ft (43 m), cased to 69 ft (21 m), open hole below. Lsd 660 ft (201 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 49.27 ft (15.02 m) below lsd, Jan. 13, 1968; lowest 65.70 ft (20.03 m) below lsd, Oct. 7, 1963. Records available: 1951-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	53.6	55.1	56.3	55.8	55.9	58.4	58.9	59.2	59.1	61.4	....
10	....	53.9	55.6	56.0	56.0	56.4	58.6	59.1	59.1	59.2	61.2	....
15	59.8	54.1	55.9	55.0	56.5	56.9	58.7	59.2	59.3	60.2	61.2	....
20	57.9	54.5	56.1	54.6	55.0	57.3	58.9	59.3	59.4	60.5	61.6	60.0
25	57.1	54.8	56.1	54.7	55.1	57.7	58.7	59.2	58.9	60.9	59.9	59.0
Eom	56.9	54.9	56.0	55.1	55.4	58.1	58.7	59.3	59.1	61.0	60.8	56.8
1970												
5	56.4	56.8	56.9	53.9	....	56.6	58.5	59.3	59.2	61.1	61.4	60.6
10	56.5	56.7	....	54.1	54.3	57.0	58.8	59.2	60.0	60.3	61.6	60.9
15	56.6	56.7	....	54.5	54.8	57.5	59.1	59.0	60.5	60.2	61.4	59.2
20	56.9	56.9	....	54.6	55.4	57.7	59.1	59.2	60.6	60.3	59.8	59.0
25	57.1	57.0	....	54.0	55.8	58.1	59.1	59.3	61.1	60.5	59.4	58.6
Eom	57.1	56.9	55.1	53.3	56.4	58.3	59.2	59.9	60.9	60.8	60.3	58.5
1971												
5	58.2	55.8	53.0	....	56.1	58.6	59.1	59.1	60.4	59.3	61.1	59.3
10	58.1	55.7	53.1	54.1	56.7	59.2	59.3	59.2	60.9	59.2	60.6	57.6
15	58.0	55.9	....	54.6	56.7	58.6	59.3	59.2	61.2	60.0	59.4	57.1
20	57.8	55.9	....	55.0	56.9	58.6	58.9	59.9	59.1	60.7	61.2	....
25	56.2	53.9	....	55.3	57.4	58.9	59.0	59.8	59.2	60.6	60.8	....
Eom	55.8	53.1	....	55.7	58.1	59.0	58.9	60.4	59.4	60.8	61.0	....
1972												
5	55.3	....	58.2	55.4	56.6	57.8	58.7	59.1	60.6	58.9	58.0	57.0
10	54.5	....	58.2	55.5	56.9	58.1	58.9	58.8	61.0	59.0	57.9	56.3
15	53.8	....	58.2	55.8	56.8	58.4	59.1	59.0	60.9	59.1	57.9	54.9
20	....	58.5	55.1	56.1	56.9	58.6	59.2	59.3	59.9	58.9	57.7	54.4
25	....	58.7	55.6	56.1	57.1	....	59.4	59.3	60.6	58.9	57.5	54.4
Eom	....	58.5	55.5	56.3	57.4	....	59.0	59.9	59.2	58.5	57.1	54.5
1973												
5	54.2	53.7	54.3	52.6	54.8	56.4	58.3	57.8	59.3	60.6	61.1	58.2
10	53.4	53.7	54.7	53.0	55.2	56.5	58.4	58.1	59.4	60.3	61.5	58.3
15	53.8	53.0	54.6	53.5	55.6	56.5	58.3	58.4	59.9	60.4	61.4	58.6
20	54.1	53.0	51.0	54.1	56.0	56.5	....	58.6	60.6	60.9	61.6	59.0
25	54.0	53.6	51.6	54.5	56.2	57.7	....	58.9	60.4	61.4	60.1	58.8
Eom	53.9	54.0	52.5	54.5	56.2	58.1	58.2	59.2	60.2	60.9	58.3	55.5

344127086350401. Local number Mad-2. City of Huntsville. In Huntsville. Drilled unused artesian well in limestone of Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 168 ft (51 m), cased to 56 ft (17 m), open hole below. Lsd 613 ft (187 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 19.13 ft (5.83 m) below lsd, Jan. 31, 1962; lowest 44.30 ft (13.50 m) below lsd, Sept. 13, 1962. Records available: 1953-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 16, 1953	40.25	Oct. 26, 1953	42.31	Feb. 15, 1954	36.58	Sept. 9, 1954	42.40
22	40.65	Nov. 2	42.57	22	38.71	Oct. 4	42.36
29	41.80	9	42.38	29	39.48	15	42.39
July 13	40.80	16	42.37	Mar. 1	37.80	Nov. 15	42.36
20	41.14	23	42.39	15	39.50	Feb. 24, 1955	28.63
22	40.99	30	42.43	22	39.84	Mar. 17	36.74
Aug. 3	41.31	Dec. 7	41.77	29	39.48	Apr. 22	34.78
10	41.55	14	39.51	5	38.05	May 26	35.78
17	41.84	21	40.64	12	38.63	May 25	39.78
24	41.93	28	41.26	19	38.56	June 15	41.21
Sept. 7	42.15	Jan. 4, 1954	41.23	26	39.58	July 21	38.66
14	42.20	11	41.49	July 8	41.76	Aug. 31	41.87
21	41.95	18	30.81	14	41.58	Sept. 27	42.32
28	41.85	25	25.14	21	41.80	Nov. 8	42.46
Oct. 5	42.16	Feb. 1	29.67	28	41.69	Dec. 8	40.29
19	42.28	8	34.12	Aug. 5	41.98	Jan. 6, 1956	41.91

344127086350401--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 6, 1956	27.82	Nov. 16, 1956	42.23	July 16, 1957	40.91	Apr. 19, 1958	37.39
Mar. 7	35.83	Dec. 18	37.91	Aug. 21	41.58	May 21	35.27
Apr. 12	34.04	Jan. 17, 1957	38.23	Sept. 17	41.24	June 24	40.50
May 11	28.87	Feb. 6	27.82	Nov. 12	40.22	July 18	33.48
June 26	40.68	Mar. 14	33.69	Dec. 17	31.17	Aug. 18	38.98
July 16	40.83	Apr. 19	37.39	Jan. 15, 1958	37.63	Sept. 18	41.11
Aug. 24	42.04	May 17	40.12	Feb. 14	36.65	Oct. 16	41.30
Oct. 2	42.34	June 13	40.27	Mar. 21	37.08	Dec. 23	41.38

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	37.81	37.49	38.54	.....	38.26	40.15	41.13	41.57	41.97	40.79	40.31
10	.....	38.13	37.49	.....	.....	38.89	40.44	40.94	41.47	41.28	40.15	40.39
15	41.23	35.59	38.25	.....	39.35	39.11	40.58	41.18	41.32	40.27	40.50	36.15
20	.....	35.03	38.57	35.32	39.62	39.62	40.79	41.25	41.41	40.59	40.35	33.97
25	35.42	36.08	39.19	.....	.....	39.43	40.80	41.22	41.81	40.93	40.53	34.97
Eom	37.14	36.67	38.19	.....	38.61	39.74	40.87	41.41	41.90	40.72	40.19	35.55

1960

5	35.26	32.78	30.84	33.44	39.38	40.57	40.63	41.09	40.49	41.20	41.11	39.06
10	33.22	33.92	31.08	34.61	38.68	40.79	40.80	41.16	40.75	39.53	41.13	39.60
15	34.24	35.13	31.49	35.63	38.77	40.66	41.05	40.62	40.64	40.07	40.66	39.97
20	33.69	33.20	31.83	36.67	39.20	40.55	40.63	40.81	39.34	40.40	40.50	40.25
25	34.87	32.62	33.52	37.37	39.69	40.67	40.72	39.52	40.35	40.66	38.94	40.02
Eom	32.62	34.07	33.35	38.21	39.95	40.52	40.90	40.10	40.79	40.91	38.72	39.36

1961

5	37.07	37.35	29.70	31.91	38.60	40.46	40.07	41.74	41.18	42.17	42.47	42.20
10	37.85	36.67	.....	33.60	39.28	40.53	40.59	41.88	41.77	42.27	42.55	41.70
15	38.56	37.27	.....	34.10	39.79	40.35	40.75	41.99	.....	42.37	42.51	34.63
20	38.29	36.66	.....	35.39	39.97	40.41	40.98	42.03	.....	42.39	42.31	.....
25	38.22	25.23	.....	36.53	39.88	39.05	41.26	42.08	.....	42.52	41.84	.....
Eom	38.56	25.95	h31.99	37.75	40.11	39.46	41.56	42.21	42.30	42.50	42.20	32.83

1962

5	35.41	29.20	28.98	34.62	38.70	41.98	43.2	43.9	44.2	43.2	.....	42.4
10	.....	33.30	30.90	33.70	40.10	42.20	43.2	43.9	44.2	43.6	.....	42.7
15	.....	36.00	31.85	29.94	41.32	42.45	43.4	44.0	44.3	43.8	.....	42.6
20	.....	39.80	33.90	33.00	41.90	42.72	43.5	44.1	44.1	44.0	e41.7	e41.8
25	.....	28.60	34.20	35.32	42.30	42.88	43.6	44.1	44.2	44.1	e41.5	e40.8
Eom	19.13	26.55	35.98	37.13	42.60	43.03	43.8	44.2	43.9	.....	42.0	e39.2

1963

5	.....	36.3	39.4	e35.7	30.7	40.6	39.7	40.6	43.3	44.0	.....	43.5
10	.....	36.6	35.9	e35.6	34.6	41.4	40.7	41.5	43.5	44.1	.....	.....
15	.....	38.2	e25.0	e37.4	37.0	42.0	41.8	42.2	43.6	44.2	e44.3	e41.3
20	.....	38.0	28.9	e38.8	38.8	41.9	41.5	42.6	e43.7	44.2	.....	.....
25	.....	e38.8	32.4	e40.0	39.9	39.2	39.5	42.9	e43.8	44.3	.....	e41.5
Eom	h36.7	39.0	33.4	32.2	39.7	38.7	39.7	43.2	h43.9	.....	e43.4	41.1

1964

5	39.2	35.0	33.8	.....	.....	h40.0	.....	40.0	41.3	40.6	40.6	e38.6
10	30.0	36.9	34.2	.....	.....	.....	.....	40.2	41.4	40.7	40.6	e39.0
15	32.8	36.8	30.3	.....	h36.1	.....	.....	40.5	41.6	40.3	40.6	37.8
20	35.8	33.2	.....	.....	.....	.....	.....	40.5	41.5	.....	40.1	e37.6
25	33.2	34.7	.....	.....	.....	.....	.....	e40.8	41.5	40.0	h40.5	36.5
Eom	33.0	36.0	.....	.....	.....	.....	.....	h41.2	40.7	40.4	39.0	36.9

1965

5	.....	.....	.....	.....	.....	41.1	41.4	42.1	42.5	42.5	43.0	43.2
10	.....	.....	.....	.....	.....	40.8	41.5	42.3	42.7	42.7	43.0	43.3
15	.....	.....	.....	.....	.....	39.6	41.7	42.4	42.2	42.8	43.1	43.2
20	.....	.....	.....	.....	.....	39.0	41.8	42.8	42.4	42.9	43.2	43.0
25	.....	.....	.....	.....	.....	39.2	42.0	42.0	42.0	42.9	43.3	43.2
Eom	.....	.....	.....	.....	40.8	41.0	41.6	42.2	42.6	42.9	43.3	43.2

1966

5	43.0	42.0	36.7	e41.5	e38.5	e39.1	41.8	41.7	41.6	41.7	41.4	41.8
10	e42.3	41.9	e37.5	41.8	38.9	e39.6	42.0	41.9	41.8	42.0	41.6	41.1
15	42.3	36.5	e39.5	42.2	37.8	e40.2	42.3	42.1	42.0	42.3	40.9	40.1
20	42.4	e35.1	e40.6	42.4	34.0	40.7	42.2	39.8	41.8	40.6	41.4	e40.5
25	42.3	e36.9	e41.0	42.4	e35.4	41.2	42.4	40.2	42.0	e40.6	41.4	e40.8
Eom	42.3	e37.7	41.1	41.5	e37.6	41.7	42.4	41.1	41.6	41.2	41.7	e41.0

1967

5	.....	.....	36.1	.....	40.3	37.5	40.0	.....	36.8	40.3	39.0	36.3
10	41.3	.....	.....	41.0	38.9	.....	37.4	.....	36.6	40.6	39.5	36.4
15	41.1	.....	.....	41.4	39.0	.....	28.0	.....	37.4	41.0	40.1	35.2
20	40.9	40.6	.....	41.7	38.1	39.9	.....	.....	38.3	40.7	40.6	.....
25	40.9	36.6	.....	41.6	37.6	40.4	.....	.....	39.1	40.8	40.1	.....
Eom	40.6	36.6	.....	39.8	36.9	40.1	32.8	35.6	39.7	41.0	39.3	.....

1968

5	.....	.....	40.4	36.4	37.8	37.8	40.5	40.8	41.0	41.7	41.8	41.6
10	.....	.....	40.7	35.7	38.6	38.6	40.5	40.6	40.8	41.7	41.7	.....
15	.....	.....	40.0	35.7	38.3	39.2	40.5	40.7	41.4	41.8	41.8	.....
20	31.0	.....	39.7	35.8	36.8	39.6	40.6	40.7	41.5	41.7	41.7	.....
25	33.0	.....	36.5	36.5	36.8	39.9	40.5	40.8	41.5	41.8	41.5	.....
Eom	.....	.....	36.3	37.2	37.0	40.3	40.6	40.9	41.8	41.9	41.7	.....

1969

5	41.6	.....	37.8	38.9	37.1	37.8	40.7	41.8	42.2	41.4	42.2	.....
10	41.7	.....	38.5	38.3	38.1	38.6	41.0	41.9	41.7	41.5	42.3	.....
15	41.2	.....	39.2	34.8	38.9	39.0	41.0	42.1	41.9	41.7	42.1	.....
20	.....	.....	38.9	33.8	35.1	39.5	41.1	42.1	42.1	41.9	42.1	41.8
25	.....	.....	38.0	34.6	35.0	40.0	41.5	42.2	41.3	42.0	41.9	41.2
Eom	.....	36.7	38.2	35.8	36.6	40.4	41.6	42.3	41.3	42.1	41.9	.....

344127086350401--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	38.0	38.5	32.7	36.2	38.9	40.1	41.0	40.8	41.5	41.0	....
10	....	37.3	....	35.1	36.8	38.8	40.3	41.0	40.7	41.5	41.0	41.2
15	36.8	37.5	....	37.2	37.5	39.3	40.7	40.0	40.8	41.2	41.1	40.7
20	37.9	38.0	....	36.8	38.2	39.5	40.8	40.1	41.0	41.1	41.2	40.2
25	38.4	38.4	....	36.6	38.8	39.8	40.8	40.4	41.2	40.9	40.8	39.2
Eom	38.7	38.5	35.6	34.5	39.1	39.8	40.9	40.7	41.2	41.1	40.8	38.3
1971												
5	38.2	34.6	27.8	....	....	40.0	40.5	40.5	40.9	40.9	42.4	....
10	37.5	35.1	29.3	34.5	....	40.2	....	....	40.9	40.6	42.3	....
15	37.8	36.2	32.2	....	....	40.3	....	40.5	41.0	40.7	42.5	36.2
20	37.2	36.7	33.9	....	....	40.6	....	40.7	....	40.9	42.3	36.2
25	35.6	....	35.5	....	....	40.7	40.5	40.7	40.7	40.9	42.5	36.3
Eom	33.2	....	....	....	39.6	40.8	40.4	40.9	40.8	41.2	42.7	36.9
1972												
5	....	....	35.7	36.1	37.4	38.7	....	38.4	40.9	41.4	39.6	38.0
10	....	....	35.6	36.5	38.1	39.2	40.0	38.4	41.1	....	39.2	35.6
15	....	....	35.6	37.0	38.0	39.5	40.2	38.5	41.3	....	39.5	31.6
20	....	36.4	36.0	37.6	37.9	39.7	40.1	39.3	41.4	....	38.9	30.8
25	....	36.3	36.0	37.3	38.3	39.9	39.7	39.7	41.4	....	38.3	....
Eom	....	36.5	36.0	37.0	38.2	....	38.8	40.7	41.7	....	37.6	....
1973												
5	....	33.6	37.0	32.2	38.8	40.6	40.1	40.3	42.3	42.7	42.6	40.2
10	29.9	33.5	37.7	34.3	39.4	40.3	39.8	40.8	42.3	42.6	42.6	40.8
15	32.9	....	36.8	36.0	39.9	40.7	39.3	41.2	42.4	42.6	42.7	41.3
20	35.1	....	35.6	37.3	40.3	41.1	37.4	41.5	42.5	42.7	42.9	41.6
25	34.0	34.6	37.7	38.1	40.4	41.3	38.3	41.9	42.6	42.8	42.4	41.3
Eom	34.1	35.8	31.7	38.2	40.2	40.5	40.2	42.1	42.7	42.7	39.2	....

e Estimated.

h Tape measurement.

344457086363701. Local number Mad-4. Huntsville Country Club. In Huntsville. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 145 ft (44 m), cased to 96 ft (29 m), open hole below. Lsd 686 ft (209 m) above msl. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 34.2 ft (10.4 m) below lsd, Mar. 31, 1973; lowest 79.98 ft (24.38 m), tape measurement, below lsd, Dec. 7, 1956. Records available: 1956-59, 1962-73. No measurement made in 1960-61.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 18, 1956	61.93	Dec. 7, 1956	79.98	June 12, 1957	66.90	Nov. 27, 1957	58.27
25	63.33	14	78.01	21	69.37	Dec. 4	55.51
July 2	67.84	21	74.15	26	69.90	11	51.76
9	69.12	28	71.38	July 3	67.88	18	51.01
16	70.35	Jan. 4, 1957	71.36	10	71.31	23	50.62
23	71.66	14	68.36	17	72.36	30	50.36
30	72.63	21	68.90	24	73.44	Jan. 16, 1958	55.48
Aug. 6	73.51	29	67.90	31	74.55	Feb. 14	54.03
13	74.42	Feb. 6	50.72	Aug. 7	75.25	Mar. 21	55.58
20	74.98	13	45.67	14	75.84	Apr. 21	56.38
27	75.53	21	44.76	21	76.43	28	54.87
Sept. 10	76.47	Mar. 1	44.66	28	77.27	May 22	48.30
17	76.77	14	44.65	Sept. 4	77.77	June 23	59.38
24	77.02	Apr. 3	47.99	11	78.10	July 18	61.17
Oct. 1	77.67	10	50.45	18	77.56	Aug. 15	62.73
8	78.14	17	51.33	Oct. 2	77.14	Sept. 18	71.34
15	77.45	24	53.56	9	76.98	Oct. 16	72.32
22	78.16	May 2	56.04	16	76.83	Nov. 7	74.05
29	78.98	8	58.13	24	76.96	Dec. 23	75.08
Nov. 2	75.88	15	60.28	Nov. 31	77.50	Feb. 9, 1959	64.90
9	79.29	22	62.82	6	77.55	Mar. 27	60.21
15	79.25	28	64.58	12	76.40	May 24, 1962	50.85
23	79.52	June 5	65.82	20	63.29	June 8	56.22
30	79.67						

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	66.25	71.92	74.72	74.72	76.05	75.37
10	.....	.....	.....	.....	.....	.....	67.02	72.37	75.16	74.16	75.88	.....
15	.....	.....	.....	.....	.....	59.46	68.24	72.94	75.68	74.72	75.77	.....
20	.....	.....	.....	.....	.....	62.24	69.45	73.62	74.78	75.25	75.60	76.71
25	.....	.....	.....	.....	.....	62.12	70.16	74.18	75.25	76.15	74.90	75.50
Eom	.....	.....	.....	.....	.....	65.72	70.90	74.49	75.54	76.64	75.12	.....
1963												
5	70.93	.....	64.02	47.91	47.90	58.50	59.30	.....	72.17	75.06	76.05	76.70
10	70.84	62.69	60.84	48.46	47.34	e55.93	60.81	66.35	73.30	75.30	76.25	77.22
15	70.33	62.45	53.05	49.61	48.35	57.64	63.10	67.75	73.28	75.37	76.88	.....
20	69.34	.....	48.55	50.98	e50.52	59.09	62.74	69.10	73.65	76.47	77.25	.....
25	68.67	.....	47.80	52.98	52.76	58.00	61.42	70.94	74.31	76.70	77.28	.....
Eom	66.72	63.28	47.40	52.98	53.74	58.40	62.64	71.50	74.12	.....	76.97	74.75
1964												
5	.....	59.4	53.7	38.5	36.7	50.7	65.1	68.9	73.1	.....	73.1	.....
10	68.6	59.2	50.8	48.8	38.1	53.3	67.4	69.9	73.7	73.3	73.8	h69.1
15	65.7	.....	48.8	35.6	40.0	55.8	65.8	70.7	74.1	73.9	74.1	67.2
20	64.4	h57.2	42.0	35.8	42.1	58.1	65.8	71.1	74.0	71.8	74.4	65.9
25	64.1	55.8	41.3	37.1	44.5	61.4	65.7	71.6	.....	71.9	74.1	63.7
Eom	60.5	55.2	e38.2	35.9	47.7	64.2	67.6	72.2	.....	72.4	70.5	63.0



344457086363701--Continued.

1965												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	76.9	76.3	65.8	68.4	67.0	62.5	66.6	68.0	71.2	73.4	75.3	76.3
10	76.2	75.6	64.9	69.8	66.0	63.4	65.9	68.7	71.9	73.7	75.6	76.6
15	76.1	71.1	64.7	71.2	65.2	64.0	65.0	69.5	71.8	74.1	75.5	76.6
20	76.2	67.1	65.3	72.1	62.8	63.7	65.1	70.3	72.6	74.4	75.8	76.8
25	76.2	66.3	66.2	72.2	61.4	64.5	65.9	70.3	72.9	74.6	76.0	77.1
Eom	76.5	66.1	67.2	71.6	60.0	66.3	66.9	70.8	73.1	74.9	76.2	77.4
1966												
5	76.9	76.3	65.8	68.3	67.0	62.0	69.8	72.1	73.0	74.1	74.7	75.4
10	76.2	75.8	64.9	69.8	66.0	63.3	70.5	72.2	e73.4	74.5	75.1	75.5
15	76.1	71.1	64.7	71.2	65.2	64.8	71.6	72.4	e73.6	74.9	74.5	73.2
20	76.2	67.1	65.3	72.1	62.8	66.0	71.8	71.2	73.7	74.3	74.5	72.9
25	76.2	66.3	66.2	72.2	61.4	67.9	72.4	71.8	73.8	73.8	74.8	73.5
Eom	76.5	66.1	67.2	71.6	61.3	69.3	73.0	72.6	74.0	74.3	75.1	e73.6
1967												
5	....	71.8	63.3	....	60.9	....	61.3	47.3	48.9	54.8	....	57.6
10	73.4	72.2	61.2	....	59.4	....	60.5	47.6	49.2	56.5	....	55.5
15	73.4	72.5	59.7	....	57.3	....	....	47.0	48.5	58.4	....	53.6
20	73.2	72.4	59.3	....	55.9	....	52.3	47.3	49.3	59.9	62.4	48.2
25	73.2	65.7	59.5	....	55.4	....	50.7	....	50.9	61.0	61.5	43.0
Eom	72.4	64.8	60.3	....	....	61.9	48.6	48.0	53.1	62.2	59.6	....
1968												
5	....	....	53.9	....	....	....	66.5	71.1	73.4	75.2	....	....
10	....	....	55.8	....	....	....	67.5	71.6	73.5	....	....	....
15	....	....	56.9	50.2	54.0	....	68.6	72.1	73.9	....	....	....
20	35.3	....	57.6	48.6	54.3	....	69.2	72.5	74.2	....	....	....
25	36.7	....	....	....	....	....	69.9	72.8	74.4	....	....	....
Eom	....	....	....	....	....	64.8	70.6	73.1	74.8	....	....	....
1969												
5	....	....	....	....	....	....	....	....	....	73.2	75.9	....
10	....	....	....	....	....	....	....	....	71.9	73.4	76.2	....
15	....	....	....	....	....	....	....	....	72.7	74.0	75.9	....
20	....	....	....	....	....	....	....	....	73.1	74.7	76.2	75.7
25	....	....	....	....	....	....	....	....	72.4	75.0	75.6	74.8
Eom	....	49.6	....	....	....	....	....	....	73.0	75.4	76.0	68.7
1970												
5	63.6	62.4	....	....	....	60.1	....	....	....	....	....	....
10	62.2	61.9	....	54.0	....	62.2	....	....	....	....	....	....
15	61.7	61.6	....	55.0	54.6	....	68.3	....	....	....	....	....
20	61.7	61.5	....	56.1	55.5	....	69.2	....	....	....	....	....
25	62.1	61.5	....	58.0	57.0	....	....	....	....	....	....	....
Eom	62.8	61.4	....	....	58.6	....	....	....	....	....	....	....
1971												
5	....	....	44.8	41.7	48.7	....	67.6	69.7	72.8	....	74.9	75.4
10	....	....	42.7	41.7	50.6	....	68.6	70.4	73.1	....	75.2	....
15	....	....	41.7	42.1	51.9	....	69.3	70.7	73.6	73.2	75.5	66.4
20	....	....	42.2	43.4	....	....	68.4	71.4	....	73.8	75.6	65.2
25	....	50.6	43.0	45.1	....	....	69.3	71.8	....	74.2	75.9	64.1
Eom	....	47.8	42.5	47.1	....	....	69.0	72.5	....	74.6	76.0	63.5
1972												
5	....	....	50.5	49.6	54.2	58.4	....	69.4	72.2	70.7	68.8	....
10	....	....	50.2	49.9	55.4	60.0	67.1	69.5	72.8	71.3	66.7	....
15	....	....	50.0	50.5	55.8	61.3	68.1	69.9	73.1	71.6	66.6	....
20	....	50.4	50.2	51.7	56.1	62.7	68.8	70.6	72.6	70.6	66.5	52.6
25	....	50.6	50.4	52.5	56.7	64.4	69.4	71.0	73.0	70.3	65.2	50.1
Eom	....	50.8	50.1	53.2	57.4	....	69.2	71.6	71.8	69.4	....	48.7
1973												
5	47.6	41.4	....	34.4	41.3	51.2	60.9	60.2	....	71.5	....	....
10	45.5	....	....	35.4	42.7	52.3	62.1	60.9	....	71.6	....	....
15	43.5	....	....	36.7	44.6	53.6	61.9	65.1	....	71.6	....	....
20	43.3	....	....	38.2	46.6	55.1	62.1	....	....	71.6	....	....
25	43.2	....	....	39.4	48.5	56.6	62.1	....	....	....	....	....
Eom	42.2	....	34.2	40.4	50.1	59.2	61.4	....	....	....	....	....

e Estimated.

h Tape measurement.

343540086344801. Local number Mad-5. Josh Walling, Jr. Near Farley. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 265 ft (87 m), cased to 28 ft (9 m), open hole below. Lsd 570 ft (174 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 0.35 ft (0.11 m) below lsd, Mar. 14, 1963; lowest 19.37 ft (5.90 m) below lsd, Nov. 19, 1963. Records available: 1959-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 30, 1959	16.00	Feb. 5, 1960	10.28	Mar. 23, 1960	10.42	May 24, 1960	13.39
Dec. 7	15.32	10	11.22	30	10.29	31	13.67
9	15.55	11	11.61	Apr. 5	10.69	June 7	13.84
16	11.62	12	15.75	12	11.74	14	14.38
23	9.02	13	12.21	19	12.56	21	14.39
30	11.02	17	10.35	26	12.38	July 1	14.25
Jan. 6, 1960	7.99	24	8.69	May 3	12.86	5	14.75
13	10.26	Mar. 4	5.42	10	10.28	12	15.18
20	9.56	10	7.45	17	12.32	22	13.62
27	11.88	16	8.79				

343540086344801--Continued.

Lowest water level for the day, from recorder graph, 1960												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	14.99	15.19	15.59	16.01	14.03
10	.....	.....	.....	.....	.....	.....	.....	15.49	15.28	.....	16.11	15.25
15	.....	.....	.....	.....	.....	.....	.....	14.95	.....	14.61	15.72	15.51
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	15.07	.....	15.30
25	.....	.....	.....	.....	.....	.....	.....	13.10	14.96	15.41	11.63	16.00
Eom	.....	.....	.....	.....	.....	.....	14.65	.....	15.29	16.01	12.36	14.69
1961												
5	11.25	.....	8.69	9.72	12.70	15.75	16.66	.....	15.60	.....	17.83	17.50
10	.....	.....	5.57	10.10	13.05	15.18	.....	17.66	17.20	.....	17.80	15.70
15	.....	.....	7.72	9.48	13.45	15.79	.....	17.91	17.35	.....	17.91	7.50
20	.....	10.52	9.06	10.36	.....	16.38	h16.12	.....	17.84	17.99	17.70	4.50
25	.....	3.02	9.53	11.45	13.00	14.10	.....	18.85	18.41	17.79	16.55	.....
Eom	.....	4.37	9.18	12.15	13.47	15.36	.....	.....	.....	18.00	17.15	9.00
1962												
5	10.04	e6.00	e5.80	10.00	12.08	.....	.....	15.15	15.50	17.04	17.50	16.32
10	8.30	9.80	7.50	9.40	12.78	.....	.....	14.85	16.24	16.96	17.36	16.70
15	10.30	11.32	8.63	6.95	.....	.....	.....	15.45	16.55	17.18	16.10	17.00
20	10.15	10.75	10.00	9.10	.....	.....	.....	15.55	16.50	17.10	14.62	17.42
25	8.25	3.70	10.48	10.03	.....	.....	15.18	15.25	17.08	17.26	15.36	15.20
Eom	2.80	2.45	10.65	10.97	.....	.....	15.21	15.30	17.23	17.30	15.90	12.40
1963												
5	14.21	8.92	14.52	11.40	e8.35	e11.84	11.08	13.88	14.88	17.80	19.02	17.94
10	15.34	11.60	7.60	10.62	10.02	12.90	12.38	13.80	15.13	17.98	19.07	18.10
15	10.94	13.20	.....	11.60	11.35	13.73	.....	14.27	16.53	18.16	19.08	11.28
20	9.98	12.80	e4.50	12.58	12.11	13.55	13.49	14.65	.....	18.53	19.24	14.00
25	10.02	13.33	8.16	13.08	12.94	9.86	12.30	14.71	.....	18.63	19.15	15.33
Eom	9.42	14.34	10.22	4.32	10.48	9.90	13.30	14.80	h17.64	18.88	17.72	.....
1964												
5	.....	11.00	.....	9.48	8.63	.....	h14.44	.....	.....	.....	.....	.....
10	.....	12.24	.....	.....	9.85	h13.13	.....	.....	.....	.....	.....	.....
15	10.37	12.75	.....	.....	10.83	.....	.....	.....	.....	.....	.....	.....
20	12.62	9.37	5.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	5.68	10.85	8.88	.....	.....	.....	.....	.....	.....	.....	h13.30	.....
Eom	9.48	12.10	.....	7.80	.....	.....	.....	h15.71	.....	.....	.....	.....
1965												
5	.....	.....	.....	.....	.....	.....	.....	.....	15.9	.....	16.9	e18.0
10	.....	.....	.....	.....	.....	.....	.....	.....	16.3	.....	.....	e18.1
15	.....	.....	.....	.....	.....	.....	.....	.....	15.7	16.6	.....	18.2
20	h11.72	.....	.....	.....	.....	.....	.....	.....	.....	16.8	.....	h18.3
25	.....	h14.50	.....	.....	.....	.....	.....	.....	15.9	16.9	17.8	18.5
Eom	.....	.....	h2.72	h12.25	.....	.....	.....	15.8	16.2	17.1	e17.8	18.7
1966												
5	e18.3	...	11.1	15.8	8.8	12.3	14.5	12.6	14.7	16.6	16.2	16.1
10	e17.0	...	12.1	14.8	10.7	12.5	15.0	14.1	15.3	16.7	16.3	15.5
15	e17.1	7.8	e14.3	14.6	7.5	12.5	14.9	14.3	15.8	17.1	e11.8	13.6
20	17.2	8.0	15.4	14.4	8.4	e11.6	14.9	13.9	15.2	13.7	e13.3	14.1
25	18.5	e10.7	15.6	13.8	9.8	13.3	15.4	14.5	16.2	15.2	e14.8	14.8
Eom	18.7	.....	16.0	8.6	11.2	14.2	15.3	15.5	16.1	16.3	15.5	14.8
1967												
5	14.6	14.6	11.4	15.7	13.1	11.5	13.8	10.2	13.0	14.6	11.1	8.5
10	15.0	15.0	9.2	15.6	11.3	12.3	11.1	8.8	9.0	14.8	12.4	9.9
15	14.5	15.6	11.0	15.4	11.2	12.7	8.1	10.4	10.8	15.3	13.5	8.6
20	14.4	13.6	12.8	15.2	9.4	13.1	10.4	11.2	12.6	14.5	14.2	4.2
25	15.2	10.1	14.2	14.6	9.1	13.6	9.3	11.9	13.6	15.2	11.7	4.8
Eom	14.1	10.3	15.3	12.3	10.5	13.0	9.2	12.1	14.2	14.8	11.8	...
1968												
5	5.9	12.3	16.1	10.3	12.4	11.6	13.9	14.2	15.9	.....	17.0	17.1
10	5.0	13.0	16.0	11.6	12.9	12.6	13.9	14.4	16.1	.....	17.2	.....
15	.....	14.0	11.9	9.5	10.7	13.0	14.3	14.9	16.3	.....	17.1	.....
20	8.5	14.8	13.3	10.1	9.7	13.3	12.6	15.0	16.4	.....	16.9	.....
25	9.8	15.4	9.1	11.2	11.1	13.6	13.5	15.3	16.6	17.0	17.4	.....
Eom	11.4	15.7	11.2	11.8	10.5	14.1	13.6	15.5	.....	17.2	17.8	.....
1969												
5	17.1	....	14.1	13.2	12.2	12.4	14.2	14.7	15.2	14.6	16.4	....
10	17.2	....	14.8	8.5	12.8	13.0	14.3	14.9	13.4	15.1	16.7	....
15	17.9	....	15.3	7.8	13.3	13.2	14.2	15.1	14.7	15.5	16.2	....
20	9.4	....	12.9	7.8	6.3	13.6	14.5	15.4	14.4	16.2	15.6	15.4
25	9.9	....	10.9	...	...	13.9	14.1	13.9	12.8	15.9	15.9	14.3
Eom	...	12.7	12.2	...	...	14.0	14.5	15.1	14.5	16.2	16.2	3.7
1970												
5	6.0	10.7	10.6	8.2	....	11.8	14.2	15.0	15.0	16.6	15.3	....
10	...	....	....	10.0	11.0	12.4	14.1	....	15.2	16.7	15.8	16.9
15	10.7	....	....	11.2	11.9	12.9	14.4	12.3	15.4	16.3	16.1	15.6
20	11.7	....	....	7.4	12.2	13.3	14.8	13.6	15.9	16.2	15.0	15.9
25	12.8	....	....	9.4	13.1	13.4	14.5	14.4	16.0	14.9	14.0	10.6
Eom	12.3	....	....	...	12.7	13.8	14.9	15.0	16.3	14.8	15.4	12.7
1971												
5	8.9	...	6.3	....	12.4	13.7	14.8	13.6	15.5	15.8	16.6	16.2
10	11.7	...	...	10.6	12.8	13.7	14.3	14.2	15.7	16.0	16.7	9.2
15	12.6	...	...	11.5	11.6	13.8	14.3	14.3	15.8	16.3	17.0	9.4
20	12.8	...	...	12.4	12.0	13.9	13.2	14.6	15.3	16.5	16.9	9.5
25	5.8	6.2	...	11.0	12.9	14.1	14.1	14.8	15.8	16.6	17.1	11.2
Eom	...	5.2	...	11.8	13.6	14.4	13.4	15.6	15.7	16.7	17.1	....

343540086344801--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	8.8	11.3	11.9	13.1	....	12.3	15.4	14.9	14.2	11.8
10	....	....	9.5	10.6	12.2	13.3	13.2	12.7	15.5	15.5	13.1	8.0
15	....	....	11.2	11.7	11.6	13.6	13.6	13.3	15.5	15.9	13.5	5.4
20	....	10.9	12.0	12.2	12.5	13.8	13.7	14.2	15.3	15.6	11.4	6.7
25	....	11.8	12.2	10.0	12.7	13.9	13.4	14.2	15.9	15.5	12.2	...
Eom	....	10.9	9.8	11.3	12.4	....	11.1	14.7	13.6	14.7	10.9	...
1973												
5	...	9.1	....	....	....	....	....	....	16.2	17.1	11.0	
10	6.9	8.6	....	....	....	....	....	12.2	15.7	16.6	17.2	13.5
15	9.6	6.8	....	....	....	....	....	....	15.6	16.7	17.4	14.7
20	9.6	....	....	....	....	....	....	....	15.9	17.0	17.6	15.1
25	8.6	....	....	....	....	....	....	....	16.2	17.1	16.7	14.6
Eom	8.7	...	....	....	....	....	....	....	16.1	16.8	10.2	15.3

e Estimated.  
h Tape measurement.

344445086345301. Local number Mad-7. Dallas Mills, Inc. In Huntsville. Drilled unused artesian well in limestone of Fort Payne Chert of Early Mississippian age, diam 20 in (51 cm), depth 104 ft (32 m), cased to 61 ft (19 m), open hole below. Lad 643.5 ft (196.1 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 21.00 ft (6.40 m) below lsd, Apr. 14, 1964; lowest 46.40 ft (14.14 m) below lsd, Sept. 7, 1963. Records available: 1962-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1962												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	35.00	38.05	39.61	40.36	38.30	40.35	38.48
10	....	....	....	....	....	33.30	38.20	39.50	40.40	38.42	38.87	38.53
15	....	....	....	....	32.40	36.55	38.53	40.50	....	38.68	38.52	38.73
20	....	....	....	....	33.20	37.00	39.00	40.34	39.10	39.08	38.38	39.00
25	....	....	....	....	34.30	37.65	38.78	40.00	39.30	39.32	38.55	36.40
Eom	....	....	....	....	32.42	37.88	....	41.28	39.20	40.60	38.31	36.93

1963												
5	36.70	33.93	34.12	30.24	29.76	33.98	37.16	37.38	39.56	43.49	40.15	39.56
10	36.66	31.13	29.86	30.28	30.66	36.73	35.82	38.04	.....	40.28	39.82	41.06
15	36.33	34.00	28.40	31.03	31.43	37.45	37.68	38.38	37.63	40.50	41.58	37.84
20	35.81	33.92	28.66	31.96	32.73	35.50	35.43	38.76	41.80	40.82	42.51	37.88
25	35.80	34.06	29.33	32.55	33.38	36.40	34.65	39.10	41.88	41.60	41.75	37.93
Eom	34.73	34.22	29.62	30.20	33.40	34.71	34.80	38.29	40.32	40.82	39.45	38.00

1964												
5	...	33.3	31.4	26.7	26.6	....	37.4	38.1	39.7	38.6	38.6	37.0
10	36.0	33.9	31.0	25.2	24.6	....	36.8	38.3	40.2	38.9	38.6	35.0
15	35.3	33.4	29.3	24.7	29.2	....	36.8	38.3	42.0	37.6	37.4	35.5
20	35.4	32.3	27.0	28.8	32.9	....	37.4	38.6	37.8	38.0	38.4	34.6
25	33.9	32.2	27.2	27.3	34.1	h37.9	37.5	38.6	39.5	36.5	37.9	34.2
Eom	33.3	32.4	26.7	26.0	....	....	37.8	38.9	38.4	38.4	37.3	....

1965												
5	.....	.....	.....	.....	.....	37.30	37.43	37.98	37.21	e38.80	.....	39.7
10	.....	.....	.....	.....	.....	37.30	36.77	38.10	38.82	38.63	.....	40.3
15	.....	.....	.....	.....	.....	37.18	36.80	39.02	38.89	39.71	.....	38.6
20	.....	.....	.....	.....	.....	36.53	37.41	38.41	e38.62	e39.50	39.5	40.4
25	.....	.....	.....	.....	.....	36.93	37.53	38.38	37.70	39.00	38.5	.....
Eom	.....	.....	.....	.....	.....	38.26	37.75	37.77	38.46	e38.90	.....	39.7

1966												
5	38.4	38.5	35.7	38.5	....	37.7	38.6	....	....	39.1	39.1	39.4
10	38.4	37.8	36.0	38.6	....	36.2	38.8	....	....	e39.4	39.2	38.7
15	37.9	37.1	35.9	38.7	....	36.2	38.8	....	....	e39.6	38.8	38.2
20	37.9	33.6	36.5	38.7	34.6	38.8	38.8	....	39.0	e39.7	38.8	38.2
25	37.7	35.3	36.8	....	34.7	39.4	39.0	....	38.9	e39.6	39.2	37.1
Eom	....	....	37.9	....	35.2	38.6	39.0	....	39.0	39.1	39.1	38.2

1967												
5	38.2	38.0	34.7	35.3	32.9	33.8	36.2	31.1	32.8	35.3	36.3	....
10	38.4	38.2	33.4	35.9	31.4	34.6	35.7	31.6	32.4	36.1	36.1	....
15	38.3	38.4	33.6	36.9	31.1	35.6	31.4	31.6	32.5	36.4	36.6	....
20	38.3	38.0	33.7	37.4	30.0	36.3	31.5	31.7	33.0	36.6	....	....
25	38.5	35.8	34.5	37.5	32.6	36.3	31.5	32.1	33.7	37.0	....	....
Eom	38.0	35.1	33.8	34.0	33.4	36.2	30.2	32.3	34.4	37.3	....	....

1968												
5	....	....	35.3	33.4	33.7	36.6	40.1	40.9	....	41.8	41.1	40.4
10	....	....	36.0	32.6	34.6	37.6	40.3	41.1	....	41.7	41.1	41.0
15	....	....	35.9	32.1	35.3	38.2	40.6	41.2	41.8	41.2	41.3	40.6
20	....	....	36.1	31.8	34.9	39.2	40.6	41.2	41.3	41.8	40.2	39.9
25	....	....	34.0	32.5	35.7	39.3	40.8	....	41.4	42.6	39.7	39.2
Eom	....	....	33.8	33.0	35.8	40.0	40.8	....	41.1	40.9	40.7	....

1969												
5	....	30.0	32.3	34.5	33.0	33.6	36.3	38.6	38.8	38.8	40.7	40.6
10	....	30.0	33.1	34.2	33.3	34.2	36.0	38.7	38.8	38.9	41.0	39.3
15	38.1	30.3	33.6	32.1	34.5	35.0	35.9	38.8	39.0	39.9	41.0	39.1
20	36.6	31.0	33.9	31.5	32.5	35.9	35.6	38.8	39.0	40.2	41.0	39.8
25	33.5	31.5	33.8	31.4	32.4	36.6	38.4	38.8	39.6	40.5	39.7	39.5
Eom	35.2	31.8	34.0	32.0	32.7	37.0	39.1	38.9	38.8	40.8	40.8	35.7

1970												
5	34.5	35.6	35.4	27.8	29.5	34.5	37.9	38.8	40.2	40.0	41.4	40.6
10	34.5	35.0	34.8	30.2	30.3	35.2	38.2	38.7	39.8	39.9	41.4	40.9
15	34.9	34.9	34.6	30.9	31.2	36.0	38.6	38.6	40.0	39.9	41.6	39.2
20	35.1	35.1	34.1	30.7	32.2	36.5	39.6	38.8	39.9	40.8	41.1	38.7
25	35.5	35.2	32.6	30.1	33.1	37.8	38.6	38.9	39.9	40.5	39.4	38.2
Eom	35.5	35.2	32.1	29.1	34.1	37.5	38.6	39.6	40.0	40.6	40.0	38.0

344445086345301--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	37.5	33.2	....	....	....	....	38.7	38.8	....	37.4	40.9	....
10	37.5	33.1	....	....	....	37.9	39.0	38.9	....	37.5	40.5	....
15	37.3	33.2	....	....	....	....	39.0	....	40.8	38.3	....	....
20	36.8	33.2	....	....	....	....	38.5	....	37.4	39.0	....	....
25	34.4	....	....	....	....	....	38.7	....	37.4	39.0	....	....
Eom	33.2	....	....	....	....	....	38.6	....	37.6	39.2	....	....
1972												
5	....	....	32.4	32.7	....	36.6	36.9	38.8	40.3	37.4	37.1	35.3
10	....	....	32.3	32.9	35.1	37.3	38.5	38.5	41.0	38.6	37.0	34.2
15	....	....	....	33.4	35.0	37.8	38.8	38.7	40.9	38.7	37.0	32.2
20	....	32.9	32.6	33.9	35.2	36.8	38.9	39.0	39.8	38.3	37.3	30.9
25	....	33.1	32.8	33.9	34.1	37.7	39.1	39.0	40.4	38.4	36.2	30.8
Eom	....	32.9	32.7	34.8	36.0	36.9	38.7	39.7	37.1	37.9	36.1	30.8
1973												
5	30.4	29.4	30.5	27.2	31.2	34.3	38.1	37.3	39.1	40.5	41.0	37.4
10	29.2	29.5	31.1	28.1	31.9	34.6	37.8	37.4	39.1	39.7	41.3	37.5
15	29.7	28.3	31.1	28.9	32.7	35.5	37.5	37.8	39.6	40.2	41.2	38.0
20	30.2	28.2	26.9	30.0	33.4	36.3	37.4	38.1	41.2	40.8	41.5	38.5
25	30.1	29.1	26.3	30.7	33.9	37.0	37.6	38.6	40.2	41.3	39.9	38.2
Eom	29.8	29.8	26.8	30.6	33.0	37.3	37.4	38.8	40.0	40.6	37.6	33.0

e Estimated.

h Tape measurement.

## Marengo County

323055087504101. 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 in (10 cm), previously reported 4 to 2 in (10 to 5.1 cm); reported depth 900 ft (274 m); cased to 860 ft (262 m); slotted 860-900 ft (262-274 m). Lsd 110 ft (34 m) above msl. MP top of casing, at lsd. Highest water level 0.15 ft (0.05 m) below lsd, Feb. 26, 1954; lowest 23.4 ft (7.1 m) below lsd, Sept. 15, 1969. Records available: 1953-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	16.9	17.9	....	20.6	19.2	21.9	....	23.1	20.0	18.0	17.0
10	....	16.9	17.0	....	21.6	18.7	21.9	....	22.4	20.5	18.4	16.6
15	....	....	....	....	19.0	19.9	21.2	21.9	23.4	19.9	18.5	17.0
20	....	....	....	17.8	18.6	20.0	21.9	21.8	22.6	19.5	17.3	17.2
25	15.6	....	....	19.4	19.4	20.2	....	22.1	22.1	18.5	17.2	17.4
Eom	16.8	....	....	19.2	20.4	21.4	....	23.3	21.1	18.4	16.5	16.5
1970												
5	16.3	18.4	17.0	....	14.1	15.5	17.4	16.3	16.9	16.5	16.6	12.9
10	18.6	17.0	....	....	14.4	17.2	18.1	17.5	18.0	15.1	14.8	....
15	18.1	18.1	17.8	....	15.8	17.4	18.6	16.9	18.6	14.6	13.9	....
20	17.8	17.8	17.1	....	16.2	17.5	19.2	17.3	19.1	13.6	13.4	....
25	18.6	17.3	16.4	15.8	16.3	16.3	18.9	15.4	18.8	15.4	13.9	10.8
Eom	17.9	17.7	....	14.4	16.3	17.2	17.6	15.3	15.8	15.9	12.6	10.3
1971												
5	9.8	9.5	10.2	9.7	9.7	13.1	12.8	13.6	17.0	18.1	14.5	12.9
10	10.4	10.9	9.8	10.2	9.7	12.0	12.8	13.6	17.1	18.4	14.0	11.5
15	10.1	13.0	10.4	9.8	9.5	14.0	12.6	15.5	17.0	17.9	13.6	11.7
20	10.2	11.2	10.6	10.2	9.9	14.7	12.9	15.7	17.3	17.4	14.2	12.6
25	10.0	9.6	10.2	9.8	10.3	13.8	13.4	16.4	17.5	15.0	14.8	13.2
Eom	9.6	9.8	10.5	10.2	11.4	13.6	13.5	16.9	17.8	15.0	14.0	13.3
1972												
5	13.5	13.0	12.3	13.7	14.0	13.5	14.9	17.5	17.8	17.6	....	....
10	12.4	12.8	11.7	13.7	14.7	16.3	14.9	17.1	17.5	17.1	....	....
15	....	12.8	13.1	13.6	12.0	16.2	14.5	16.8	17.8	16.7	....	12.1
20	....	12.0	13.0	13.8	12.9	15.0	15.8	....	16.3	16.5	....	12.1
25	....	12.3	13.3	....	12.3	14.9	16.4	16.8	17.3	15.7	....	....
Eom	12.9	12.9	12.8	....	12.0	16.3	17.2	18.1	16.8	15.4	....	....
1973												
5	....	13.4	10.6	9.4	10.1	....	....	12.7	14.7	16.0	13.0	....
10	....	12.3	10.5	10.1	....	....	....	13.6	14.7	13.5	12.9	....
15	13.3	12.3	....	10.2	....	....	....	13.4	16.5	13.7	12.8	....
20	....	....	....	9.9	....	....	....	13.2	17.4	13.7	12.5	....
25	12.8	....	....	10.1	....	....	13.9	15.0	15.8	12.9	12.2	....
Eom	14.0	11.2	....	9.2	9.9	....	13.2	15.0	15.7	12.8	....	....

321520087373001. 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 (10 cm); depth 1,222 ft (372 m), previously reported 1,224 ft (373 m); cased to 20 ft (6 m); open hole 20-1,202 ft (6-366 m); screened 1,202-1,222 ft (366-372 m). Lsd 154 ft (47 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.83 ft (2.39 m) below lsd, Mar. 30, 1954; lowest 18.09 ft (5.51 m) below lsd, Oct. 21, 1972. Records available: 1954-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	15.0	....	....	....	....	....	15.1	15.6	15.8	15.5	15.9
10	....	15.0	....	....	....	....	....	15.3	15.8	15.8	15.4	15.8
15	....	....	....	....	....	....	....	15.3	15.9	15.8	15.6	15.8
20	....	....	....	....	....	....	15.8	15.5	15.9	15.8	15.8	15.9
25	15.0	....	....	....	....	....	15.3	15.5	15.8	15.8	15.8	15.8
Eom	15.0	....	....	....	....	....	15.2	15.6	15.8	15.7	15.9	15.8

321520087373001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.3	16.2	15.9	16.7	16.2	15.9	16.1	16.3	16.5	16.2	16.1	16.1
10	16.2	16.1	15.9	16.9	16.0	16.0	16.2	16.3	16.2	16.2	16.1	16.1
15	16.0	16.0	16.0	16.5	16.1	16.2	16.3	16.4	16.2	16.3	15.9	16.1
20	16.0	16.3	16.0	16.3	16.1	16.2	16.3	16.3	16.5	16.4	16.0	16.0
25	16.0	16.1	15.9	16.0	16.1	16.1	16.3	16.2	16.4	16.3	16.1	16.1
Eom	16.1	16.2	16.5	16.4	16.2	16.2	16.3	16.4	16.3	16.2	16.1	16.0
1971												
5	....	....	16.0	15.9	16.4	16.6	16.7	17.2	17.1	17.2	17.2	17.0
10	....	....	15.9	16.1	16.4	16.5	16.7	17.5	16.9	17.1	17.2	17.0
15	....	....	15.8	16.1	16.4	16.5	16.8	17.6	17.2	17.1	17.2	16.9
20	....	....	15.9	16.2	16.5	16.6	16.7	17.6	17.6	17.2	17.2	16.9
25	....	....	15.9	16.4	16.4	16.7	16.7	17.4	17.4	17.1	17.3	17.0
Eom	16.0	....	15.9	16.4	16.5	16.7	16.9	17.2	17.2	17.1	17.2	16.9
1972												
5	16.8	17.1	16.9	16.9	17.0	17.1	17.0	17.3	17.5	17.9	17.8	17.7
10	16.8	17.1	16.9	17.0	17.0	17.1	17.2	....	17.6	17.9	17.7	17.7
15	16.8	16.9	16.8	17.0	16.9	17.1	17.2	....	17.7	17.9	17.7	17.7
20	....	17.0	16.8	17.0	16.9	17.0	17.3	....	17.8	17.9	17.8	17.6
25	17.0	16.9	16.8	....	17.0	17.1	17.4	17.5	17.9	17.9	17.6	17.6
Eom	16.8	16.9	16.8	....	17.0	17.0	17.3	17.5	17.8	17.7	17.7	17.5
1973												
5	17.5	17.6	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	18.0	17.8
10	17.5	17.5	....	17.4	17.3	17.3	17.5	17.5	17.6	17.6	17.9	17.8
15	17.6	17.5	....	17.5	17.4	17.4	17.5	17.5	17.6	17.7	17.9	17.7
20	17.5	17.6	....	....	17.4	17.6	17.5	17.5	17.7	17.7	17.8	17.8
25	17.5	17.5	....	17.4	17.3	17.5	17.6	17.7	17.8	17.7	17.8	17.8
Eom	17.6	17.6	....	17.4	17.3	17.5	17.6	17.7	17.6	17.7	17.9	17.7

Marion County

335803087551301. 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 (15 cm), depth 520 ft (158 m), cased to 80 ft (24 m), open hole below. Lsd 452 ft (138 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 3.6 ft (1.1 m) below lsd, Mar. 31, 1972; lowest 11.76 ft (3.58 m) below lsd, Nov. 10, 1954. Records available: 1952-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	...	6.6	6.5	6.2	6.0	6.3	6.5	6.8	6.9	...	7.1	7.2
10	7.0	6.5	6.5	6.2	6.0	6.3	6.6	6.9	7.0	6.9	7.1	6.9
15	7.1	6.3	6.5	6.0	6.1	6.3	6.7	6.9	6.9	7.0	7.2	6.9
20	6.9	6.4	6.3	5.6	6.1	6.3	6.7	...	6.9	7.0	...	7.0
25	7.0	6.4	6.1	5.8	6.1	6.4	6.7	6.7	6.8	7.2	7.2	6.9
Eom	6.9	6.3	6.4	6.0	6.2	6.6	6.8	6.8	6.9	7.1	7.2	6.6
1970												
5	6.7	6.7	6.4	...	6.2	...	6.3	...	6.5	...	...	6.8
10	6.8	6.5	6.4	6.6	6.2	...	6.3	...	6.6	...	...	6.9
15	6.5	...	6.5	6.6	6.3	6.1	6.5	...	...	...	...	6.8
20	6.5	6.9	6.4	6.3	...	6.1	6.5	...	...	...	...	6.7
25	6.6	6.6	6.6	6.5	...	6.2	6.5	...	...	...	...	...
Eom	6.7	6.6	6.1	6.2	...	6.4	...	...	...	...	...	...
1971												
5	...	...	5.9	...	5.9	6.0	...	6.5	6.6	6.7	7.1	7.1
10	...	...	5.8	...	6.0	6.0	6.4	...	6.6	6.7	7.1	6.8
15	6.7	...	5.8	...	5.7	6.0	6.3	6.5	6.7	6.8	7.1	6.8
20	...	...	5.8	...	5.8	6.2	6.4	6.6	6.7	6.8	7.0	6.6
25	...	6.1	5.9	5.8	5.9	6.2	6.4	6.5	6.7	6.8	7.2	6.8
Eom	...	5.9	5.7	5.8	5.9	6.2	6.4	6.7	6.7	6.8	7.1	6.8
1972												
5	6.5	6.5	...	4.6	...	6.5	6.6	6.9	7.1	7.2	7.2	6.9
10	6.2	6.3	...	5.2	...	6.5	6.8	6.9	7.1	7.3	7.0	6.9
15	6.6	6.2	...	4.7	6.3	6.6	6.7	6.9	7.2	7.3	7.2	...
20	6.3	6.4	6.2	4.7	6.3	6.5	6.8	7.0	7.2	...	7.2	6.5
25	6.5	6.1	4.5	4.8	6.4	...	6.7	7.0	7.3	...	7.0	6.5
Eom	6.3	6.3	3.6	...	6.4	...	6.8	7.1	7.1	...	7.0	6.5
1973												
5	6.5	6.1	6.0	5.5	5.4	5.6	5.7	5.9	6.0	6.4	6.5	6.0
10	6.4	6.1	5.9	5.4	5.3	5.7	5.6	5.9	6.1	6.4	6.5	6.3
15	6.5	6.0	5.7	5.6	5.5	5.6	5.6	5.9	6.2	6.4	6.3	6.2
20	6.3	6.0	5.4	5.5	5.3	...	5.5	6.0	6.3	6.4	6.4	6.1
25	6.3	5.5	...	...	5.3	...	5.7	6.1	6.3	6.4	6.2	6.2
Eom	6.2	6.1	5.5	5.4	5.5	5.7	5.8	6.1	6.3	6.3	6.3	5.7

Marshall County

342455086160201. 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 (15 cm), depth 71 ft (22 m), cased to 20 ft (6 m), open hole below. Lsd 605 ft (184 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 3.5 ft (1.1 m) below lsd, Mar. 20, 1970; lowest 39.07 ft (11.91 m) below lsd, Nov. 22, 1961. Records available: 1961-73. Water levels affected by stage of Guntersville reservoir.

342455086160201--Continued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	...	...	6.4	6.3	7.1	6.6	6.5	6.8	7.3	...	7.0	7.1
10	...	...	6.1	6.0	6.3	6.5	7.0	7.3	6.1	...	7.2	6.0
15	6.7	...	6.4	5.5	6.4	6.9	7.4	7.9	6.8	6.7	6.6	6.4
20	4.4	...	5.5	5.7	4.6	6.9	7.4	7.7	6.6	7.2	5.7	6.8
25	...	...	5.4	6.3	5.6	7.3	6.6	6.7	4.8	6.5	6.5	6.1
Eom	5.2	...	6.3	6.7	6.1	7.8	6.6	7.7	...	7.1	6.8	5.8
1970												
5	...	6.2	4.6	...	...	5.8	7.2	7.5	8.2	8.1	6.8	7.4
10	...	6.2	5.3	...	...	6.3	7.3	7.2	6.9	7.3	7.1	7.7
15	...	6.5	5.5	6.4	...	6.3	...	6.5	7.3	6.2	6.8	6.6
20	6.3	6.6	3.5	4.9	...	6.7	...	6.8	7.3	5.9	6.5	6.5
25	6.5	5.8	...	4.9	7.1	6.5	...	7.5	8.0	6.3	6.5	6.0
Eom	6.1	5.3	...	...	6.0	6.5	8.0	8.2	7.5	6.4	7.0	5.6
1971												
5	5.3	...	5.0	...	6.7	7.0	7.5	7.0	6.0	7.1	6.9	...
10	6.1	...	...	6.1	7.0	6.6	7.7	6.8	6.0	6.6	7.3	...
15	6.3	6.2	...	6.5	...	7.2	7.3	7.3	7.4	7.1	7.6	...
20	6.4	6.3	...	6.8	6.2	6.5	6.1	7.9	6.0	7.0	7.8	...
25	4.5	...	...	5.8	6.9	6.4	6.5	7.8	6.2	6.7	7.5	...
Eom	...	4.8	...	6.3	7.4	7.0	6.3	8.3	6.5	7.0	...	...
1972												
5	4.3	...	...	...	...	6.9	...	6.6	8.3	...	...	6.2
10	4.9	...	...	6.1	...	7.2	7.2	6.4	8.5	...	6.2	5.4
15	...	...	...	6.5	...	7.3	...	6.7	8.9	...	6.2	4.9
20	...	...	...	6.6	6.1	6.9	...	7.5	6.0	...	5.7	...
25	...	6.2	...	...	6.2	7.1	...	7.9	6.7	...	6.2	...
Eom	...	6.2	...	...	6.5	6.1	6.7	8.6	4.8	...	6.1	5.5
1973												
5	...	...	5.9	...	6.1	6.3	6.1	7.6	7.6	6.5	6.7	6.2
10	...	...	5.7	...	5.7	5.9	6.4	7.9	6.9	6.5	6.9	6.7
15	...	...	5.4	...	6.2	6.2	6.3	6.3	6.1	6.4	7.2	7.0
20	...	...	4.9	...	6.4	6.8	6.6	6.4	6.4	6.8	7.3	7.2
25	...	6.3	...	...	5.7	7.0	7.2	7.0	6.5	7.4	6.3	6.5
Eom	...	6.9	...	...	5.4	6.3	7.0	7.6	6.5	6.7	5.9	4.9

342022086183401. Local number Mal-2. Boaz Spinning Mills. In Guntersville. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 130 ft (40 m), cased to 124 ft (38 m), open hole below. Lsd 610 ft (186 m) above msl. MP top of casing, 2.10 ft (0.64 m) above lsd. Highest water level 11.91 ft (3.63 m) below lsd, Mar. 18, 1973; lowest 19.6 ft (6.0 m) below lsd, Nov. 23, 1964. Records available: 1962-73. Water levels affected by pumping of nearby wells and stage of Guntersville reservoir.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.3	15.8	17.0	....	15.7	14.5	....	16.6	16.4	....	16.6	16.9
10	17.5	16.1	16.9	16.3	16.2	15.2	15.5	15.5	16.1	....	16.6	16.9
15	17.4	16.4	....	16.4	15.8	15.6	17.1	15.9	16.5	16.9	16.8	16.8
20	16.7	16.5	....	15.2	....	14.5	15.0	15.4	15.9	16.9	16.7	16.8
25	16.6	16.0	....	16.3	14.4	15.8	16.5	16.3	....	16.9	16.7	16.4
Eom	16.7	16.1	....	16.4	15.1	....	16.3	15.4	....	16.8	16.6	17.3
1970												
5	....	....	18.2	14.5	15.5	16.2	....	16.0	18.0	17.9	18.4	18.3
10	....	17.6	17.4	....	13.8	16.2	....	16.8	17.8	....	18.3	18.3
15	....	16.2	15.9	16.3	15.8	16.5	....	17.5	17.9	17.8	18.6	18.0
20	....	16.8	17.0	15.8	16.0	15.3	....	17.7	16.7	17.6	19.1	16.9
25	16.8	17.5	16.6	14.9	16.1	17.0	....	17.7	18.6	16.4	....	16.0
Eom	16.6	16.1	16.8	15.3	16.0	....	16.4	18.6	18.0	18.2	16.8	18.0
1971												
5	....	....	15.1	....	....	15.8	....	16.2	....	16.5	....	....
10	....	....	15.2	....	....	15.8	....	16.3	....	16.8	....	....
15	....	16.1	15.6	....	....	16.4	16.4	16.3	....	16.3	....	....
20	....	15.6	15.0	....	15.4	15.5	17.2	16.1	....	....	....	....
25	....	15.5	....	....	15.6	16.7	16.6	16.2	16.7	....	....	....
Eom	....	14.3	....	....	15.7	16.7	16.3	16.1	16.6	....	....	....
1972												
5	....	....	....	....	15.8	15.8	....	15.8	....	....	....	18.6
10	....	....	....	16.9	16.9	15.8	....	15.7	....	....	18.2	18.0
15	....	....	17.0	15.7	....	15.8	....	18.3	....	....	18.8	....
20	....	....	17.2	15.7	15.8	15.8	15.8	18.3	....	....	18.7	....
25	....	15.6	17.1	15.8	15.8	....	15.8	18.4	....	....	18.6	....
Eom	....	16.7	17.2	15.4	15.8	....	18.1	....	....	....	18.5	....
1973												
5	17.2	....	15.7	15.7	14.4	15.0	....	....	17.8	....	....	18.9
10	17.2	....	16.7	15.7	13.1	13.4	....	....	18.9	....	19.1	19.0
15	18.0	....	15.9	15.5	15.4	14.8	14.9	....	18.0	....	....	18.3
20	18.1	....	13.5	15.9	13.5	15.1	....	....	17.3	....	19.0	18.7
25	17.4	17.1	14.1	15.2	15.3	....	....	16.1	19.2	18.6	18.1	17.0
Eom	18.0	17.2	15.7	15.2	15.4	....	....	....	17.8	19.1	18.7	15.7

341837086294301. Local number Mal-4. City of Arab. In Arab. Drilled unused artesian well in sandstone of Pottsville Formation of Early and Middle Pennsylvanian age, diam 8 in (20 cm), depth 362 ft (110 m), cased to 100 ft (30 m), open hole below. Lsd 1,080 ft (329 m) above msl. MP top of casing, at lsd. Highest water level 50.11 ft (15.27 m) below lsd, Feb. 12, 1966; lowest 76.6 ft (23.3 m) below lsd, Nov. 27, 1963. Records available: 1956, 1962-73.

341837086294301--Continued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	66.3	....	....	65.6	67.5	....	....	....	66.0	65.9
10	....	....	....	....	....	65.9	....	....	....	....	66.2	65.5
15	....	....	....	....	....	65.9	....	....	....	66.1	66.2	65.5
20	....	....	....	....	....	65.8	....	....	....	66.4	66.2	65.6
25	....	....	....	....	65.2	66.1	....	....	....	66.1	65.7	65.4
Eom	....	....	....	....	65.2	67.1	....	....	....	65.9	65.5	65.0
1970												
5	....	....	....	....	63.5	64.6	67.0	68.6	68.6	70.4	67.2	66.9
10	....	....	....	....	63.9	64.7	67.8	67.9	67.9	70.6	67.2	67.0
15	....	....	....	64.2	64.0	64.9	....	67.5	68.6	69.0	67.3	66.8
20	....	....	....	64.0	64.4	65.5	....	67.1	69.2	68.1	67.1	66.5
25	....	....	....	63.9	64.7	66.2	....	67.1	69.9	67.4	67.1	66.1
Eom	....	....	....	63.4	65.0	66.1	69.5	67.9	70.1	67.3	66.9	66.0
1971												
5	66.0	65.4	65.1	....	65.8	66.5	68.9	66.7	67.3	66.5	69.6	71.4
10	65.8	65.7	65.1	65.6	65.9	66.8	69.3	67.0	67.0	66.4	70.0	69.5
15	66.0	65.6	65.3	65.5	65.7	67.1	69.7	67.2	67.8	66.5	70.6	68.4
20	66.1	65.6	65.6	65.7	65.7	67.1	67.9	67.9	67.7	67.9	70.9	67.8
25	65.6	65.3	65.8	65.9	65.9	67.7	67.0	67.5	66.8	68.6	71.5	67.6
Eom	65.4	65.1	65.4	65.8	66.1	68.5	66.7	67.8	66.4	69.1	72.0	67.3
1972												
5	66.9	....	....	....	....	....	....	....	70.3	69.8	69.5	....
10	66.5	....	....	....	....	....	69.0	....	71.0	70.1	69.3	....
15	66.8	....	....	....	....	....	....	....	71.4	70.3	69.0	....
20	....	....	....	....	....	....	....	69.4	70.9	70.2	....	....
25	....	67.0	....	....	....	....	....	69.7	70.9	70.0	....	....
Eom	....	....	....	....	....	....	....	69.8	70.3	69.9	....	....
1973												
5	....	....	65.9	64.4	63.7	63.2	63.1	....	65.8	65.1	65.9	....
10	....	....	65.8	64.4	63.5	63.1	63.2	....	66.3	65.2	65.5	....
15	....	....	65.4	64.4	63.6	63.1	....	....	66.4	65.4	65.0	....
20	....	66.2	64.5	64.5	63.4	63.4	....	....	65.8	65.7	65.0	....
25	....	66.1	64.6	63.8	63.3	63.2	....	64.8	65.3	65.8	63.1	....
Eom	....	66.2	64.3	63.7	63.3	63.2	....	65.4	65.0	65.9	61.5	....

## Mobile County

305743088010301. Local number Mob-1. Courtaulds, Inc. In Salco. Drilled unused water-table well in sand and gravel of Pliocene(?) and Miocene age; diam 12 in (30 cm), previously reported 12 to 8 in (30 to 20 cm); depth 123 ft (37 m); cased to 105 ft (32 m); screened 105-123 ft (32-37 m). Lsd 43.1 ft (13.1 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 38.43 ft (11.71 m) below lsd, Nov. 18, 1961; lowest 55.52 ft (16.92 m) below lsd, Aug. 15, 16, 1969. Records available: 1954-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	54.4	54.7	54.9	55.2	55.2	55.1	55.4	55.5	55.4	55.2	55.0	54.8
10	54.4	53.9	55.0	55.2	55.2	55.2	55.4	55.5	55.3	55.2	55.0	54.0
15	54.6	54.0	55.1	55.1	55.3	55.2	55.4	55.5	55.3	55.2	55.1	53.7
20	54.6	54.4	55.1	55.1	55.3	55.3	55.4	55.5	55.3	55.0	55.2	53.6
25	54.6	54.7	55.0	55.1	55.3	55.4	55.5	55.4	55.3	55.0	55.2	54.2
Eom	54.7	54.7	55.2	55.2	55.3	55.4	55.5	55.4	55.3	55.0	55.2	54.5
1970												
5	54.8	55.0	55.3	53.7	52.4	52.1	51.7	51.6	51.8	51.7	51.7	....
10	54.9	55.1	55.3	53.4	52.3	52.0	51.7	51.6	51.8	51.7	51.7	....
15	54.9	55.1	55.3	53.1	52.3	52.0	51.7	51.6	51.7	51.7	51.6	....
20	54.9	55.3	55.2	52.9	52.3	51.9	51.6	51.7	51.7	51.8	51.6	....
25	54.8	55.4	55.1	52.7	52.4	51.8	51.6	51.7	51.7	51.7	51.6	....
Eom	54.9	55.3	54.1	52.5	52.2	51.8	51.6	51.8	51.7	51.7	....	....
1971												
5	....	50.8	50.5	49.5	48.9	48.4	48.0	47.7	47.6	47.4	47.5	47.6
10	....	50.8	50.4	49.3	48.8	48.3	48.0	47.7	47.5	47.4	47.6	47.6
15	....	50.7	50.2	49.2	48.7	48.2	47.9	47.6	47.5	47.4	47.6	47.7
20	51.0	50.7	50.2	49.1	48.6	48.2	47.8	47.6	47.5	47.4	47.6	47.8
25	50.9	50.6	50.0	49.0	48.5	48.0	47.8	47.6	47.5	47.4	47.6	47.8
Eom	50.8	50.6	49.7	48.9	48.4	48.0	47.7	47.6	47.4	47.5	47.6	47.8
1972												
5	47.8	48.1	48.0	47.8	48.1	48.1	48.1	49.7	50.8	51.0	51.2	51.4
10	47.9	48.1	48.0	47.8	48.1	48.0	48.1	50.2	50.9	51.0	51.3	51.4
15	47.9	48.0	47.9	47.8	48.1	48.0	48.2	50.4	50.9	51.0	51.3	51.4
20	48.0	48.1	47.8	48.0	48.1	48.0	48.2	50.5	50.9	51.1	51.3	51.5
25	48.0	48.1	47.8	48.0	48.0	48.0	48.2	50.7	50.9	51.1	51.4	51.5
Eom	48.1	48.1	47.7	48.1	48.1	48.0	49.2	50.8	50.9	51.2	51.4	51.5
1973												
5	51.6	51.6	50.5	51.0	50.9	50.5	50.2	50.1	49.7	49.4	49.3	49.1
10	51.6	51.6	50.7	51.0	50.8	50.4	50.2	50.0	49.6	49.4	49.3	49.2
15	51.7	51.6	50.9	51.0	50.8	50.4	50.2	49.9	49.5	49.3	49.2	49.1
20	51.7	51.3	51.0	51.0	50.7	50.3	50.2	49.9	49.5	49.4	49.2	49.1
25	51.6	50.7	51.0	50.9	50.6	50.3	50.2	49.8	49.5	49.3	49.2	49.1
Eom	51.6	50.5	51.0	50.9	50.5	50.2	50.1	49.7	49.4	49.3	49.2	49.2

Monroe County

313120087202501. Local number Mon-3. Monroeville American Legion Club. Drilled unused artesian well in sand and gravel of Miocene and Pliocene age and limestone of Eocene and Oligocene age, diam 6 in (15 cm), depth 128 ft (39 m), cased to 88 ft (27 m), open hole below. Lsd 408 ft (124 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 51.14 ft (15.59 m) below lsd, May 9, 1961; lowest 65.54 ft (19.98 m) below lsd, Mar. 7, 15, 1956. Records available: 1953-73.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	65.4	65.5	65.5	65.0	65.3	63.5	63.1	63.2	63.1	63.3	63.5	63.6
10	65.4	65.5	65.5	64.8	64.2	63.4	63.1	63.2	63.1	63.3	63.4	63.7
15	65.4	65.5	65.5	64.7	64.2	63.3	63.1	63.1	63.1	63.3	63.5	63.7
20	65.4	65.5	65.4	64.6	63.9	63.2	63.1	63.1	63.2	63.3	63.5	63.9
25	65.4	65.4	65.3	64.5	63.8	63.2	63.1	63.1	63.2	63.4	63.6	64.0
Eom	65.4	65.5	65.1	64.4	63.6	63.2	63.2	63.1	63.3	63.4	63.6	64.1

## 1970

5	64.1	64.4	64.5	63.9	63.1	62.5	61.4	60.9	60.7	60.7	60.7	61.0
10	64.2	64.4	64.4	63.8	63.0	62.2	61.2	60.8	60.6	60.8	60.7	61.0
15	64.2	64.4	64.4	63.6	62.9	62.0	61.1	60.8	60.6	60.8	60.8	61.1
20	64.2	64.5	64.3	63.5	62.8	61.8	61.0	60.8	60.6	60.7	60.8	61.1
25	64.3	64.5	64.2	63.3	62.8	61.7	60.9	60.7	60.6	60.7	....	61.2
Eom	64.3	64.5	64.1	63.2	62.8	61.5	60.9	60.7	60.7	60.6	....	61.2

## 1971

5	61.2	60.9	59.6	57.3	56.3	56.2	....	....	....	58.6	59.3	60.0
10	61.1	60.8	58.9	57.1	56.3	56.3	....	....	....	58.7	59.4	60.1
15	61.1	60.6	58.5	56.9	56.2	....	....	....	58.2	58.8	59.5	60.2
20	61.0	60.5	58.2	56.7	56.2	....	....	....	58.3	58.9	59.6	60.3
25	60.9	60.3	57.9	56.6	56.2	....	....	....	58.4	59.0	59.8	60.3
Eom	60.9	60.1	57.3	56.5	56.2	....	....	....	58.5	59.2	59.9	60.2

## 1972

5	60.2	58.7	56.8	56.3	56.6	57.1	57.7	58.5	59.3	60.2	61.0	61.7
10	60.0	58.4	56.7	56.3	56.7	57.2	57.8	58.6	59.5	60.4	61.1	....
15	59.9	57.9	56.5	....	56.7	57.3	58.0	58.7	59.6	60.5	61.3	61.8
20	....	57.5	56.4	....	56.8	57.4	58.1	....	59.7	....	61.4	62.1
25	59.1	57.1	56.3	56.4	56.9	57.5	58.2	59.0	59.9	....	61.5	....
Eom	58.9	56.9	56.3	56.5	57.0	57.6	58.3	59.2	....	....	61.6	....

## 1973

5	....	....	....	59.3	57.1	55.9	55.4	55.6	55.5	56.0	56.9	57.9
10	....	....	....	59.0	56.8	55.7	55.4	55.5	55.6	56.1	57.0	58.0
15	....	....	....	58.7	56.5	55.6	55.5	55.4	55.6	56.3	57.1	58.1
20	....	....	....	58.3	56.3	55.6	55.5	55.4	55.7	56.4	57.3	58.3
25	62.2	....	....	57.7	56.1	55.5	55.6	55.4	55.8	56.5	57.4	58.4
Eom	....	....	....	57.4	56.0	....	55.6	55.4	55.9	56.7	57.7	58.6

Montgomery County

322121086232701. Local number Mtg-2. City of Montgomery. In city west well field. Drilled unused artesian well in sands of Eutaw Formation and Tuscaloosa Group of Late Cretaceous age; diam 18 in (46 cm), previously reported 18 to 10 in (46 to 25 cm); depth 670 ft (204 m), previously reported 680 ft (207 m); cased to 208 ft (63 m); screened 208-218 ft (63-66 m), 232-242 ft (71-74 m), 330-350 ft (101-107 m), 376-386 ft (115-118 m), 403-418 ft (123-127 m), 605-620 ft (184-189 m), 650-670 ft (198-204 m). Lsd 161.5 ft (49.2 m) above msl. MP top of casing, 1.20 ft. (0.37 m) above lsd. Highest water level 52.0 ft (15.8 m) below lsd, Mar. 18, 1968; lowest 128.1 ft (39.0 m) below lsd, Oct. 2, 3, 1955. Records available: 1951-73. Water levels affected by pumping of nearby wells.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	87.2	81.5	78.5	79.4	81.4	86.2	101.7	95.7	100.2	93.4	88.7	84.0
10	86.4	80.6	77.8	79.2	80.3	92.0	102.7	96.8	99.9	91.6	87.7	81.6
15	85.1	79.8	77.7	78.2	79.9	92.9	92.6	95.8	100.3	92.2	88.4	80.8
20	83.2	80.3	77.6	78.6	80.0	93.9	91.6	95.6	98.6	91.0	87.6	79.9
25	83.7	80.4	78.6	77.0	81.2	94.1	94.4	95.4	95.7	90.1	86.7	79.6
Eom	82.5	80.4	78.5	77.5	82.8	98.9	94.1	96.9	94.5	89.5	86.4	76.9

## 1970

5	76.6	81.9	77.3	77.7	83.3	85.7	....	....	86.4	88.1	78.1	91.4
10	83.7	80.1	76.4	79.5	84.5	83.5	....	....	86.1	84.7	80.2	93.2
15	83.2	78.4	76.2	79.8	....	92.5	....	....	86.7	86.4	80.0	93.8
20	80.2	75.8	75.8	78.6	....	....	....	....	88.6	82.6	80.4	92.9
25	81.4	77.4	76.3	81.0	95.5	....	....	....	88.0	82.1	81.0	90.6
Eom	79.1	77.4	77.0	83.5	97.8	....	....	84.6	86.5	79.8	84.1	87.9

## 1971

5	88.2	72.5	74.6	71.3	72.0	71.0	75.0	85.4	91.4	86.5	90.0	80.1
10	88.9	70.5	74.6	75.1	71.9	71.4	70.7	87.1	88.6	87.6	89.5	80.0
15	78.0	....	71.8	78.0	71.0	73.1	72.8	90.4	89.3	86.6	86.3	80.5
20	75.7	72.7	72.2	80.6	74.4	74.2	76.2	90.4	86.5	86.5	83.2	79.8
25	....	74.1	71.4	80.9	68.9	75.3	80.8	91.0	85.9	88.0	81.8	80.1
Eom	75.0	74.5	71.2	75.8	68.7	76.2	79.8	91.6	86.2	88.9	80.7	79.5

## 1972

5	78.4	82.5	81.5	81.9	86.7	93.1	....	....	....	84.6	75.2	80.7
10	80.0	82.2	81.4	81.4	86.8	....	....	....	89.3	84.7	77.8	79.8
15	79.6	81.4	81.5	84.6	87.0	....	....	....	90.1	83.5	78.9	80.4
20	83.9	80.6	....	85.6	87.2	....	....	....	89.9	83.4	80.9	78.0
25	84.0	81.4	80.9	86.0	89.2	....	....	....	87.6	80.5	80.5	77.3
Eom	82.9	81.4	81.0	87.1	90.5	....	....	....	86.6	74.3	81.4	76.0



322121086232701--Continued.

1973												
Day	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	76.3	74.2	72.1	72.7	74.1	89.6	89.6	90.1	86.1	88.5	84.0	....
10	74.4	73.3	71.9	69.3	74.1	86.8	90.1	89.3	87.8	89.0	84.2	....
15	74.1	73.0	72.3	72.0	74.4	86.1	91.4	87.7	86.2	86.9	85.3	83.0
20	74.7	72.3	73.1	74.9	79.7	86.1	92.2	86.5	86.7	86.5	....	82.8
25	74.1	74.8	74.4	74.4	82.7	87.6	91.5	87.1	90.1	88.6	....	82.7
Eom	75.4	74.9	74.0	72.5	92.6	88.7	90.5	87.0	89.7	85.9	....	81.8

322047086214301. Local number Mtg-3. County of Montgomery. At Lomax School. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age; diam 6 in (15 cm), previously reported 6 to 4 in (15 to 10 cm); depth 270 ft (82 m), previously reported 271 ft (83 m); cased to 210 ft (64 m); screened 210-215 ft (64-66 m), 220-225 ft (67-69 m), 265-270 ft (81-82 m). Lsd 167.2 ft (51.0 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 11.9 ft (3.6 m) below lsd, Mar. 17, 1968; lowest 31.3 ft (9.5 m) below lsd, Oct. 1, 1955. Records available: 1952-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.2	18.0	16.4	15.5	17.2	17.9	22.0	20.7	21.9	20.7	20.6	20.5
10	19.3	17.5	16.1	15.7	17.1	19.0	22.5	20.9	22.0	20.5	20.6	20.0
15	19.1	16.9	16.2	15.8	17.0	19.3	21.1	20.8	22.0	20.7	20.8	20.1
20	18.6	16.3	16.0	16.0	16.6	19.4	20.6	20.9	22.2	20.6	20.7	20.0
25	18.5	16.3	15.4	16.1	16.7	20.0	21.0	20.8	21.2	20.7	20.7	20.1
Eom	18.2	16.5	15.1	16.3	17.1	21.2	20.9	21.3	20.9	20.6	20.7	19.7

1970												
5	20.5	20.6	19.3	17.2	18.0	20.7	21.8	22.4	22.2	22.9	21.4	22.3
10	21.3	20.3	19.0	17.5	19.1	20.1	21.8	22.0	22.2	22.5	21.9	22.5
15	21.5	19.9	19.0	17.8	20.3	20.5	22.5	21.5	22.4	22.5	22.1	22.6
20	20.8	....	18.9	18.0	21.2	21.5	22.9	21.6	23.2	22.2	22.0	22.3
25	20.8	19.5	17.8	18.3	21.6	21.9	22.3	22.0	23.4	22.3	22.1	21.8
Eom	20.5	19.5	17.7	19.0	22.1	21.8	22.2	21.8	22.8	21.7	21.9	21.0

1971												
5	20.8	19.5	16.2	14.8	15.5	17.6	....	20.3	....	....	21.4	20.4
10	20.6	19.0	15.9	14.8	15.7	17.8	....	....	20.1	....	21.4	20.2
15	20.1	18.7	15.5	....	....	18.1	....	....	20.4	....	21.0	20.1
20	....	19.0	15.8	15.8	....	18.5	....	....	19.9	....	....	19.7
25	....	17.8	15.2	15.5	16.4	18.9	....	....	19.8	20.8	20.6	19.6
Eom	19.8	17.6	14.8	15.6	....	....	20.4	....	20.0	21.2	20.4	19.4

1972												
5	....	17.2	15.8	17.2	18.7	....	22.1	22.5	22.9	22.4	21.6	22.6
10	....	....	15.5	....	18.8	....	22.0	22.4	22.5	22.6	22.5	22.5
15	18.4	....	15.7	....	18.9	....	22.6	....	22.8	22.5	22.4	22.4
20	18.9	....	16.0	18.2	....	....	22.6	....	23.3	....	22.8	21.9
25	18.1	16.6	16.3	18.4	....	21.9	23.3	22.4	22.8	22.3	....	21.5
Eom	17.8	16.9	16.6	18.7	....	21.9	23.1	22.5	....	21.6	22.8	21.0

1973												
5	20.5	18.3	17.6	15.5	15.4	18.2	....	19.2	20.1	....	21.1	....
10	20.0	17.7	17.5	14.5	15.5	17.9	....	19.3	20.4	....	21.3	....
15	....	17.2	16.7	....	16.0	....	....	19.3	....	....	....	21.3
20	....	17.0	....	....	16.3	....	....	19.4	20.6	....	....	21.5
25	19.3	17.6	....	14.8	17.2	18.7	18.2	19.8	21.1	....	....	20.7
Eom	19.2	17.9	15.5	14.4	17.8	....	18.7	20.0	....	21.2	....	20.3

322040086232501. Local number Mtg-4. City of Montgomery. In city west well field. Drilled unused artesian well in sand of Gordo Formation (previously reported sand of Tuscaloosa Group) of Late Cretaceous age, diam 6 in (15 cm), depth 446 ft (136 m), cased to 408 ft (124 m), screened 408-413 ft (124-126 m), 424-429 ft (129-131 m), 441-446 ft (134-136 m). Lsd 152.8 ft (46.6 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 41.9 ft (12.8 m) below lsd, Feb. 5, 1968; lowest 135.1 ft (41.2 m) below lsd, Oct. 2, 3, 1955. Records available: 1953-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	77.9	71.1	67.2	67.7	67.4	75.8	96.5	89.7	94.7	84.4	79.4	70.4
10	76.7	69.9	67.2	66.8	63.5	83.6	95.0	91.0	94.7	...	78.1	66.1
15	75.3	68.2	66.0	66.0	67.5	85.1	...	89.7	95.2	...	78.9	65.1
20	73.1	70.5	...	66.0	67.4	86.5	...	89.2	95.5	...	78.6	63.0
25	73.8	70.6	66.6	67.2	69.2	87.4	89.0	88.9	89.0	81.0	77.5	62.3
Eom	72.3	69.6	66.9	63.3	71.2	93.5	88.7	90.6	86.4	80.2	77.0	57.5

1970												
5	56.1	65.3	59.2	60.8	68.2	87.7	89.4	93.0	94.2	96.9	79.5	83.4
10	63.4	63.9	57.5	63.6	69.8	86.8	88.7	90.9	94.0	....	82.0	84.6
15	63.8	61.7	56.8	64.5	77.3	84.2	92.4	91.6	94.7	....	81.1	85.2
20	61.4	61.6	55.2	64.9	84.1	87.8	94.8	92.8	96.9	....	....	85.5
25	64.0	61.2	56.4	65.6	87.6	88.1	92.3	94.3	96.0	85.9	81.5	....
Eom	62.1	60.0	57.3	69.5	89.3	87.8	93.8	91.7	94.9	84.6	81.2	79.9

1971												
5	80.5	72.4	....	....	....	67.2	74.2	78.7	....	73.8	77.4	64.2
10	81.1	....	....	....	....	67.1	68.2	80.8	76.8	74.5	76.3	64.2
15	83.0	....	....	....	....	71.7	74.5	79.5	77.3	73.8	72.4	66.3
20	80.8	....	72.9	72.0	....	73.9	76.7	80.4	73.0	72.6	68.6	65.2
25	....	....	....	....	64.4	75.2	80.5	78.5	73.2	75.0	66.5	66.9
Eom	75.6	....	....	....	64.8	76.8	79.8	....	73.4	75.8	64.5	66.5

322040086232501--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	64.9	66.2	64.9	65.7	74.1	...	...	97.5	94.0	85.4	...	78.5
10	65.9	65.5	64.8	67.7	74.5	...	...	94.4	92.7	...	74.2	77.2
15	64.0	64.8	65.3	67.7	74.3	...	97.9	93.2	93.9	...	76.2	77.6
20	...	64.1	64.3	69.6	75.5	...	97.4	94.7	93.3	...	80.0	76.6
25	...	64.9	64.3	71.4	78.2	...	99.7	91.0	90.9	...	80.5	78.0
Eom	66.4	64.1	64.4	73.6	80.1	...	97.1	93.8	90.4	...	80.2	78.4
1973												
5	79.3	71.7	67.2	70.0	...	...	...	93.4	84.5	90.8	85.5	85.8
10	75.8	70.9	67.6	67.8	...	...	...	91.3	...	91.4	87.6	86.4
15	74.0	69.6	68.4	70.2	...	...	94.8	88.1	...	87.7	88.3	85.3
20	73.6	69.3	69.7	...	...	...	94.2	86.7	...	89.3	87.2	85.3
25	72.4	71.2	69.8	...	...	...	95.4	86.2	91.7	91.5	85.6	84.9
Eom	73.5	70.6	69.8	...	...	...	94.0	85.4	91.5	88.7	87.1	...

322455086140501. 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 (20 cm), depth 232 ft (71 m), cased to 215 ft (66 m), screened 215-232 ft (66-71 m). Lsd 220.8 ft (67.3 m) above msl. MP top of casing, 1.80 ft (0.55 m) above lsd. Highest water level 82.78 ft (25.23 m) below lsd, Mar. 29, 1972; lowest 116.97 ft (35.65 m) below lsd, Sept. 16, 24, 1963. Records available: 1958-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	91.7	91.2	90.4	89.7	89.1	88.6	88.7	89.0	89.8	89.9	89.9	89.8
10	91.6	91.0	90.2	89.6	89.0	88.5	88.8	89.1	89.9	89.9	89.9	89.7
15	91.6	90.0	90.2	89.5	88.9	88.5	88.8	89.2	90.0	89.9	89.9	89.6
20	91.3	90.7	90.0	89.4	88.8	88.5	88.9	89.4	90.1	89.9	89.9	89.6
25	91.4	90.6	89.8	89.3	88.7	88.6	89.0	89.5	89.8	89.9	89.9	89.4
Eom	91.3	90.5	89.9	89.2	88.6	88.7	89.1	89.7	89.9	89.9	89.9	89.3
1970												
5	89.3	88.9	88.1	86.7	86.7	86.3	86.6	87.2	87.5	87.7	87.8	87.7
10	89.2	88.7	88.1	86.6	86.6	86.3	86.7	87.2	87.5	87.7	87.7	87.7
15	89.1	88.6	88.1	86.6	86.6	86.4	86.9	87.4	87.6	87.6	87.7	87.6
20	89.0	88.6	88.0	86.6	86.6	86.5	87.0	87.4	87.6	87.6	87.7	87.5
25	89.0	88.4	87.8	86.5	86.5	86.5	87.0	87.4	87.6	87.6	87.7	87.5
Eom	89.0	88.4	86.8	86.8	86.4	86.6	87.2	87.5	87.6	87.7	87.7	87.3
1971												
5	87.3	86.6	85.8	84.5	84.2	84.4	84.6	85.0	85.2	85.4	85.7	85.5
10	87.2	86.6	85.7	84.5	84.2	84.4	84.7	85.1	85.2	85.4	85.7	85.5
15	87.2	86.4	85.3	84.3	84.1	84.4	84.8	85.1	85.3	85.5	85.7	85.5
20	87.2	86.3	85.0	84.2	84.2	84.5	84.9	85.2	85.2	85.6	85.6	85.4
25	87.0	86.1	84.9	84.2	84.2	84.5	85.0	85.2	85.3	85.6	85.7	85.4
Eom	86.8	86.0	84.6	84.1	84.2	84.6	85.0	85.3	85.3	85.6	85.7	85.3
1972												
5	85.2	84.1	83.2	82.9	83.1	83.4	...	84.5	85.2	85.8	86.0	86.4
10	85.1	83.8	83.0	82.9	83.1	...	...	84.6	85.4	85.9	86.0	86.4
15	85.1	83.6	83.0	82.9	83.1	...	84.2	84.7	85.5	85.9	86.1	86.4
20	85.0	83.6	83.0	82.9	83.1	...	84.4	84.8	85.6	86.0	86.2	86.3
25	...	83.4	82.9	82.9	83.2	...	84.5	84.9	85.7	86.0	86.3	86.2
Eom	84.2	83.3	82.8	83.0	83.3	...	84.4	85.1	85.7	86.0	86.3	86.1
1973												
5	86.1	85.4	84.8	84.4	83.7	83.4	83.5	84.4	85.3	86.0	86.1	86.0
10	86.0	85.2	84.8	84.2	83.6	83.3	83.6	84.5	85.4	86.1	86.1	86.0
15	85.9	85.1	84.7	84.1	83.6	83.3	83.6	84.6	85.6	86.2	86.0	85.9
20	85.7	85.1	84.7	83.9	83.5	83.4	83.8	84.8	85.7	86.3	86.0	85.9
25	85.6	85.0	84.5	83.8	83.4	83.4	84.0	85.0	85.8	86.4	86.0	85.8
Eom	85.5	85.0	84.3	83.7	83.4	83.4	84.2	85.2	86.0	86.4	86.1	85.7

Morgan County

343604086574201. Local number Mor-3. City of Decatur. At filter plant. Drilled unused artesian well in Fort Payne Chert (previously reported in limestone cavity in Fort Payne Chert) of Early Mississippian age, diam 6 in (15 cm), depth 295 ft (90 m), cased to 23 ft (7 m), open hole below. Lsd 570 ft (174 m) above msl. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 7.30 ft (2.23 m) below lsd, Mar. 20, 1973; lowest 17.25 ft (5.26 m) below lsd, Sept. 17, 1961. Records available: 1961-73. Water levels affected by stage of Wheeler reservoir.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	11.3	16.0	13.6	11.2	11.3	11.2	12.0	....	....	15.0	....
10	....	13.8	15.9	11.6	11.0	11.1	11.8	12.0	....	....	15.1	....
15	16.3	15.4	15.9	11.2	11.2	11.5	11.9	12.5	....	14.5	15.3	15.8
20	15.6	15.5	15.2	11.4	10.7	11.4	12.0	12.8	....	14.4	15.3	15.8
25	14.8	15.6	14.2	11.3	11.0	11.7	11.3	13.0	....	14.6	15.7	15.7
Eom	15.8	15.7	13.8	11.4	11.2	11.8	11.8	....	....	14.8	15.7	14.4
1970												
5	11.8	15.4	15.7	11.1	11.0	11.3	12.0	12.7	13.3	14.5	14.6	15.9
10	15.2	15.3	....	12.0	11.0	11.1	11.6	13.0	13.7	14.5	15.2	16.2
15	15.4	15.5	....	11.7	11.3	11.5	12.1	13.1	13.8	14.6	15.2	15.6
20	15.5	15.5	....	11.1	11.5	11.6	12.5	13.2	14.2	14.5	15.0	15.7
25	15.6	15.6	13.7	11.3	11.2	11.3	12.2	13.8	14.0	14.5	15.7	14.7
Eom	15.5	15.9	13.6	10.3	11.3	12.4	12.8	14.0	14.2	15.2	15.6	15.5

343604086574201--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.5	15.4	13.5	12.9	11.3	11.3	12.2	11.5	13.1	14.0	15.1	15.3
10	15.8	13.4	14.6	12.8	11.3	11.2	11.5	11.9	13.2	14.1	14.9	13.8
15	15.5	15.3	15.3	12.3	11.0	11.3	11.5	12.3	13.4	14.5	15.2	14.2
20	15.6	15.3	15.4	12.0	11.2	11.3	11.6	12.3	13.7	14.7	15.2	15.2
25	14.1	13.1	15.5	11.6	11.5	11.6	11.9	12.6	13.9	14.6	15.5	15.5
Eom	15.0	12.7	13.2	11.4	11.3	11.7	11.2	13.3	13.8	14.8	15.4	15.6
1972												
5	13.3	15.2	14.2	14.5	11.2	11.2	....	11.3	13.3	13.9	14.6	14.8
10	12.4	15.5	14.4	12.8	11.2	11.2	12.0	12.2	13.2	14.3	14.9	14.6
15	12.7	15.6	....	12.2	11.0	11.2	11.5	12.2	13.2	14.3	14.6	10.3
20	15.0	15.3	....	11.4	11.1	11.2	11.7	12.7	13.3	14.4	14.9	12.8
25	15.2	15.5	15.3	10.8	11.3	11.1	11.9	12.5	13.8	14.2	14.6	14.0
Eom	15.2	15.3	14.2	11.3	11.3	....	11.2	12.9	13.2	14.3	14.0	14.4
1973												
5	13.5	14.9	15.5	12.8	11.2	10.7	11.1	....	....	14.0	14.8	13.2
10	13.3	14.0	15.2	12.7	10.8	10.8	12.0	....	....	14.4	15.0	15.2
15	15.4	13.6	13.9	12.6	10.8	11.0	12.1	....	13.5	14.4	15.3	15.1
20	15.4	15.1	7.6	11.9	10.9	11.0	11.8	....	13.5	14.6	15.4	15.0
25	14.4	15.8	11.8	11.1	10.8	11.8	12.5	....	13.9	14.7	15.2	15.1
Eom	14.9	15.9	12.6	10.5	9.8	11.5	12.5	....	14.0	14.7	12.0	9.7

343425086550001. Local number Mor-4. U.S. Fish and Wildlife Service. In Wheeler Wildlife Refuge. Drilled unused artesian well in Fort Payne Chert (previously reported in limestone of Fort Payne Chert) and Tusculumbia Limestone of Early and Late Mississippian age; diam 8 in (20 cm), previously reported 8 to 6 in (20 to 15 cm); depth 301 ft (92 m); cased to 148 ft (45 m); open hole below. Lsd 624 ft (190 m) above msl. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 60.20 ft (18.35 m) below lsd, Mar. 20, 1973; lowest 72.88 ft (22.21 m) below lsd, Sept. 24, 25, 1961. Records available: 1961-73. Water levels affected by stage of Wheeler reservoir.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	67.1	....	....	....	71.3	....
10	....	....	....	63.8	64.5	65.2	67.3	68.6	69.2	....	71.4	....
15	....	....	....	62.7	64.8	....	67.8	68.7	69.8	71.0	71.4	71.1
20	....	....	....	63.1	....	....	68.1	....	70.0	70.9	70.5	71.3
25	....	....	....	....	....	66.3	67.5	....	....	70.9	71.1	70.4
Eom	....	....	....	....	....	67.0	67.9	....	....	71.1	71.5	65.2
1970												
5	....	66.5	67.3	62.5	....	64.8	66.7	67.9	68.7	....	70.4	70.7
10	....	66.7	67.2	63.6	....	64.8	66.7	66.5	69.2	....	70.6	70.7
15	66.5	67.0	66.5	63.9	....	64.9	67.3	66.7	....	70.1	70.7	69.7
20	66.8	....	....	63.2	64.6	65.3	67.9	67.4	....	70.0	70.4	69.8
25	66.8	....	64.5	63.1	64.9	65.5	66.9	....	....	70.0	69.6	66.2
Eom	66.8	....	64.7	....	65.5	66.6	67.8	....	....	70.2	70.2	66.7
1971												
5	....	65.8	64.3	....	65.0	66.1	....	65.0	68.9	....	71.5	70.0
10	....	65.0	65.1	....	65.5	66.4	66.5	....	69.2	....	71.6	....
15	66.2	66.2	65.8	....	64.2	66.9	66.2	66.8	69.3	....	71.7	....
20	66.2	....	66.1	65.0	64.7	67.1	65.1	67.2	69.6	....	71.8	....
25	64.1	....	66.4	64.4	....	67.5	65.7	67.8	70.2	....	72.0	66.4
Eom	65.6	....	63.9	64.8	66.0	....	64.4	68.9	70.1	....	71.9	66.6
1972												
5	63.5	66.2	....	65.7	....	66.2	....	....	....	69.6	69.9	67.5
10	63.3	66.3	....	64.7	64.5	66.5	67.7	....	....	....	70.0	....
15	63.6	66.4	....	64.9	64.3	....	67.6	....	....	....	69.1	....
20	65.5	66.4	....	64.5	64.7	....	....	68.2	....	....	68.7	....
25	65.9	66.6	66.4	....	65.2	....	....	68.1	....	....	68.0	....
Eom	66.1	....	65.5	....	65.9	....	....	....	68.2	....	66.9	....
1973												
5	....	....	....	....	62.0	64.4	65.6	66.8	....	70.3	....	65.5
10	....	....	....	....	63.0	64.9	65.7	67.0	....	70.1	....	66.7
15	....	63.4	64.7	....	63.4	65.6	66.2	67.1	69.3	70.4	....	67.1
20	....	....	....	63.2	63.8	65.6	66.2	68.0	69.6	70.8	71.6	67.5
25	....	....	....	62.9	62.9	....	67.2	68.5	69.9	71.0	70.1	....
Eom	....	....	....	62.0	63.9	65.8	64.9	69.1	70.1	71.1	64.1	....

## Pickens County

332136088010701. Local number Pic-5. Southern Natural Gas. At Reform. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age; diam 18 in (46 cm), previously reported 18 to 10 in (46 to 25 cm); depth 235 ft (72 m); cased to 185 ft (56 m); screened 185-235 ft (56-72 m). Lsd 250 ft (76 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 21.95 ft (6.69 m) below lsd, July 18, 1963; lowest 43.9 ft (13.4 m) below lsd, Oct. 10, 1971. Records available: 1963-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	36.9	26.3	26.1	26.2	27.1	26.8	27.0	27.7	....	29.9	28.3	28.4
10	27.3	27.0	26.6	26.1	26.2	27.0	27.3	36.1	....	27.9	36.2	28.2
15	27.4	26.0	26.2	26.4	26.4	38.2	27.4	27.6	....	28.0	28.2	....
20	28.0	26.2	26.2	29.0	26.3	26.9	34.6	27.5	....	28.4	28.3	28.2
25	26.3	26.1	26.2	26.1	36.1	26.9	27.3	....	....	28.1	28.4	28.0
Eom	....	26.1	27.0	26.4	26.5	29.1	27.4	....	....	28.1	38.2	27.9

332136088010701--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.0	27.9	....	36.9	27.7	28.1	28.7	....	....	....	....	29.1
10	28.0	27.9	28.2	28.1	27.7	28.2	28.9	....	....	....	....	29.1
15	30.7	29.7	37.3	28.1	27.9	30.5	29.1	....	....	....	....	29.5
20	27.9	28.1	27.8	27.5	28.0	28.5	30.1	....	....	....	29.0	28.9
25	27.8	28.3	28.0	27.7	28.0	28.5	....	....	....	....	29.2	28.9
Eom	27.9	28.0	28.3	27.7	30.1	29.0	....	....	....	....	29.8	28.8
1971												
5	28.7	28.6	....	28.7	28.4	38.8	29.8	....	39.0	29.7	29.6	30.7
10	28.7	....	28.4	28.4	37.3	28.7	29.0	....	30.1	43.9	29.7	29.1
15	28.9	....	28.5	28.4	28.1	28.9	29.0	....	29.7	29.5	31.5	29.1
20	28.7	....	38.1	28.5	28.3	37.4	....	37.5	30.1	29.7	29.6	29.0
25	28.9	....	28.3	38.3	29.1	28.9	....	36.6	29.4	30.7	29.7	29.1
Eom	38.5	....	28.3	28.4	28.8	29.0	....	31.7	29.3	37.8	29.6	29.2
1972												
5	29.1	....	28.9	29.0	29.3	38.5	29.8	29.9	30.7	30.5	30.4	30.5
10	31.0	....	29.0	38.3	29.4	29.4	39.7	30.1	30.2	31.0	30.4	39.3
15	29.1	29.2	29.1	29.0	30.1	29.7	29.9	30.5	30.4	33.7	30.7	30.1
20	29.1	37.6	29.0	29.2	29.1	29.7	29.9	39.3	30.6	30.6	30.4	30.2
25	29.5	28.9	28.9	29.9	29.2	41.7	29.9	30.0	....	30.6	30.4	30.9
Eom	38.2	28.9	28.9	29.2	29.4	29.6	29.9	30.1	30.3	30.4	30.4	40.1
1973												
5	29.9	38.5	31.1	29.5	29.4	29.8	29.4	29.7	30.3	30.2	32.2	30.0
10	30.8	29.6	29.6	29.9	29.4	32.7	29.4	29.9	40.2	32.6	30.4	32.4
15	30.6	29.6	29.6	33.6	29.4	29.4	41.2	30.0	30.2	32.5	30.4	39.1
20	29.6	29.8	30.1	29.4	29.4	29.5	29.5	30.8	30.2	30.3	31.0	30.2
25	29.7	31.2	40.3	29.3	29.3	29.5	29.6	30.0	31.2	30.4	30.2	30.0
Eom	29.9	29.7	29.4	37.9	29.5	29.6	30.0	30.1	36.0	30.5	30.1	30.5

St. Clair County

333525086163701. 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 (25 cm), depth 209 ft (64 m); casing depth unknown, open hole below. Lsd 508 ft (157 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 1.05 ft (0.32 m) above lsd, Jan. 10, 11, 1968; lowest 9.2 ft (2.8 m) below lsd, Nov. 20, 1965. Records available: 1962-73.

Lowest water level for the day, above and below lsd, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-1.8	-0.4	-2.5	-2.4	-3.5	-3.5	-6.3	-3.6	-6.3	-3.3	-5.8	-5.9
10	2.7	.2	.7	2.7	1.2	4.3	5.4	5.5	6.3	3.9	6.3	1.5
15	-3.5	1.2	1.9	1.1	-2.4	5.1	6.3	6.2	6.8	4.9	...	2.7
20	+5	.9	.6	.5	+2	5.6	6.8	6.0	7.2	5.7	...	3.5
25	+1.1	1.4	.6	1.9	-1.4	5.8	7.1	4.4	3.2	4.5	4.6	1.6
Eom	-.9	1.9	1.8	2.8	2.6	6.3	6.3	5.8	4.5	5.4	5.2	.1
1970												
5	-1.1	-1.2	-1.2	-1.8	-2.0	-0.7	-4.4	...	-6.3	-8.3	-6.8	-5.7
10	1.7	2.1	2.3	2.6	2.5	2.6	5.2	-3.4	6.8	8.2	6.4	6.1
15	1.5	2.8	-3.0	3.0	4.0	2.9	5.9	2.5	7.1	8.4	5.7	5.6
20	1.8	2.4	+2	2.8	3.9	3.7	6.4	3.9	7.4	6.1	5.4	5.1
25	2.3	2.8	-.8	1.8	4.7	2.7	6.6	5.0	...	5.2	4.1	3.1
Eom	1.6	1.8	1.8	.8	2.7	3.5	6.9	5.7	...	6.2	5.0	...
1971												
5	-1.1	...	-0.4	...	-2.6	-5.1	-3.4	-1.6	-6.0	-6.5	...	-3.2
10	1.9	...	.9	-2.0	3.4	5.4	4.2	3.0	6.5	6.8	...	1.5
15	1.5	-1.9	...	2.7	1.4	6.0	5.2	3.9	6.9	7.2	...	2.3
20	2.5	2.4	...	3.3	2.6	...	2.9	4.8	4.7	7.5	...	1.0
25	.5	.6	...	2.5	3.5	5.8	3.7	5.5	5.1	...	...	1.9
Eom	...	.6	...	2.8	4.4	5.0	.7	6.1	5.8	...	-7.1	3.1
1972												
5	...	-0.9	-0.8	...	-3.7	-4.9	...	-6.3	-7.6	-4.0	-1.4	...
10	-0.2	1.2	1.2	...	4.5	5.6	...	6.5	5.6	5.2	1.2	...
15	.9	...	1.8	-3.7	2.0	5.4	-4.2	6.8	6.6	5.9	...	...
20	1.8	...	1.7	4.0	2.5	4.2	4.4	7.2	3.9	3.4	...	-0.4
25	1.8	2.4	2.2	3.0	3.0	4.9	5.1	7.2	5.5	1.5	...	.4
Eom	.9	2.8	2.7	3.8	4.0	.9	5.9	7.3	4.2	1.6	...	.4
1973												
5	+0.2	-1.1	-0.8	-0.8	-2.2	-2.7	-4.0	...	-5.4	-5.8	-8.0	-1.9
10	+2	1.2	1.2	.7	1.0	2.9	2.2	...	6.0	6.4	7.3	2.8
15	-.8	0.0	.9	1.7	1.4	2.4	...	-2.8	6.2	6.9	7.6	3.6
20	.2	1.2	-.7	2.0	1.7	2.7	...	2.4	6.5	7.3	7.8	3.3
25	.4	1.9	+1	1.4	1.4	4.0	...	3.6	6.8	7.6	6.0	1.9
Eom	.9	2.2	+1.0	1.2	1.6	3.7	...	4.8	6.9	7.8	.7	.1

Talladega County

331021086150501. Local number Tal-2. City of Sylacauga. Drilled unused artesian well in marble; diam 6 in (15 cm), previously reported 6 to 3 in (15 to 7.6 cm); depth 202 ft (62 m); cased to 69 ft (21 m); open hole below. Lsd 546.4 ft (166.5 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 11.1 ft (3.4 m) below lsd, Mar. 30, 1959; lowest 49.75 ft (15.16 m) below lsd, Dec. 20, 1962. Records available: 1954-73.

331021086150501--Continued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	26.0	22.9	24.6	21.7	24.2	24.5	30.8	....	36.6	35.9	36.5	36.1
10	27.4	21.9	21.8	22.1	21.4	25.9	31.5	34.3	37.1	37.0	36.5	32.9
15	28.5	23.1	22.9	22.1	22.6	27.1	32.0	35.5	38.0	37.0	36.3	33.9
20	28.6	21.7	22.0	19.8	19.5	29.9	32.8	34.3	37.6	37.3	36.6	35.5
25	22.6	22.6	19.1	21.3	21.2	28.9	33.4	35.0	35.7	36.6	36.5	39.4
Eom	23.0	23.4	20.7	22.7	22.9	30.6	33.0	35.9	37.5	36.2	36.2	35.2
1970												
5	31.2	27.8	25.1	20.9	19.4	22.0	31.2	33.5	31.4	....	....	....
10	29.6	28.2	27.3	22.9	21.4	24.0	31.9	33.3	32.7	....	....	....
15	30.1	29.6	27.9	24.2	23.4	26.2	32.5	32.3	34.1	33.8	....	....
20	31.2	29.2	26.0	23.1	25.2	27.8	33.5	33.0	35.5	....	....	....
25	31.7	29.1	17.6	22.5	26.7	29.0	32.0	29.3	35.8	....	....	....
Eom	29.6	25.6	19.7	18.5	25.0	30.2	34.0	29.4	....	....	....	....
1971												
5	....	....	....	....	21.8	25.9	24.7	....	....	29.7	34.2	....
10	....	....	....	17.7	23.0	25.0	23.2	....	....	30.5	35.1	....
15	....	....	....	19.0	21.5	25.8	24.4	....	27.1	31.5	35.8	....
20	....	....	....	20.4	21.9	20.7	23.8	....	27.0	32.4	36.2	....
25	....	....	....	21.4	23.7	22.1	21.8	....	27.8	33.0	36.5	....
Eom	....	....	....	22.3	24.7	23.7	17.4	....	29.1	34.0	....	....
1972												
5	....	18.4	17.2	21.3	26.7	30.6	33.8	36.9	39.7	36.5	33.6	33.5
10	....	18.0	18.2	21.6	27.6	31.5	34.8	38.2	39.9	37.4	34.0	32.5
15	....	18.8	19.4	22.0	25.6	37.9	35.5	38.4	40.1	37.9	32.5	25.4
20	....	19.2	19.7	....	27.4	35.2	35.8	39.0	39.0	35.5	33.2	24.8
25	20.4	20.4	19.8	....	29.1	34.3	36.6	39.5	38.7	35.4	34.1	24.0
Eom	19.4	21.7	20.1	....	29.7	33.0	36.4	39.4	36.6	32.3	33.1	26.3
1973												
5	23.3	21.5	25.5	18.9	21.1	21.1	25.8	27.4	29.8	32.6	36.2	34.9
10	19.4	22.3	25.8	17.9	22.1	20.8	27.1	27.4	30.8	33.6	36.2	35.8
15	21.1	22.4	22.3	19.5	22.1	21.4	28.1	24.8	31.5	34.2	36.5	36.4
20	20.7	23.4	20.7	20.9	22.8	22.9	26.2	26.4	32.2	34.7	36.9	36.3
25	20.2	24.6	20.2	21.9	22.5	23.6	26.0	28.0	33.1	35.3	35.6	34.5
Eom	21.4	25.4	20.1	20.0	20.3	24.8	26.3	29.1	34.5	35.7	35.4	29.5

Tuscaloosa County

331239087323601. Local number Tus-1. University of Alabama. At University. Drilled unused water-table well in sand and gravel of Coker Formation of Late Cretaceous age; diam 4 in (10 cm), previously reported 4 to 2 in (10 to 5.1 cm); depth 61 ft (19 m); cased to 55 ft (17 m); screened 55-61 ft (17-19 m). Lsd 230.1 ft (70.1 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 23.22 ft (7.08 m) below lsd, Apr. 22, 29, 1961; lowest 27.86 ft (8.49 m) below lsd, Jan. 10, 11, 13, 1955. Records available: 1952-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.0	26.7	26.3	25.9	24.9	24.2	....	25.0	25.4	25.8	....	26.6
10	27.0	26.6	26.2	25.8	24.8	....	24.6	....	25.5	25.9	....	26.7
15	27.0	26.5	26.2	25.7	24.6	....	24.7	....	25.5	....	....	26.7
20	27.0	26.5	26.1	25.4	24.5	....	24.7	25.2	25.6	....	....	26.8
25	27.0	26.4	26.1	25.2	24.3	....	24.9	25.2	....	....	26.5	26.8
Eom	26.8	26.3	26.0	25.0	24.2	....	24.9	25.3	....	....	26.6	26.8
1970												
5	26.8	26.6	26.5	26.0	25.5	....	25.5	25.9	26.1	26.4	26.4	26.5
10	26.8	26.6	26.5	25.9	25.4	....	25.6	25.9	26.2	26.5	26.4	26.6
15	26.7	....	26.4	25.8	25.3	25.3	....	26.0	....	26.6	26.5	26.6
20	26.7	26.6	26.4	25.7	25.3	25.3	25.7	26.0	26.3	....	26.5	26.6
25	26.7	26.6	....	25.6	25.3	25.4	25.8	26.0	26.3	26.3	26.5	26.7
Eom	26.7	26.6	....	25.5	....	25.4	25.8	26.1	26.4	26.4	26.5	....
1971												
5	....	....	26.3	25.1	....	....	....	25.0	25.0	....	25.5	25.7
10	....	....	26.0	25.0	....	....	25.2	25.0	25.1	25.3	25.5	25.7
15	....	26.7	25.8	24.9	....	....	25.2	25.0	25.1	25.4	25.6	25.7
20	....	26.6	25.6	....	....	....	25.2	25.0	25.2	25.4	25.6	25.6
25	....	26.6	25.4	....	....	....	25.1	25.0	25.2	25.4	25.6	25.6
Eom	....	26.4	25.2	....	....	....	25.1	25.0	....	25.5	25.7	25.5
1972												
5	25.5	24.5	24.2	24.2	24.5	24.9	....	25.7	....	26.1	....	26.5
10	25.3	24.4	24.2	24.2	24.6	24.9	....	25.8	....	26.1	26.4	26.5
15	....	24.3	24.1	24.3	24.6	25.0	....	25.8	....	26.2	26.5	26.5
20	24.8	24.3	24.1	....	24.7	25.1	25.6	25.8	....	26.2	26.5	26.4
25	24.7	24.2	24.1	24.4	24.8	....	25.6	....	26.0	26.3	26.5	26.3
Eom	24.6	24.2	24.1	24.4	24.8	....	25.7	....	26.0	....	26.5	26.2
1973												
5	....	25.3	25.0	....	23.8	23.6	23.8	23.8	24.0	....	24.8	25.0
10	....	25.2	....	24.3	23.7	23.5	23.8	23.8	24.1	....	24.9	....
15	....	25.2	....	24.1	23.7	23.6	23.8	23.8	24.2	....	24.9	....
20	....	25.1	....	24.0	23.6	23.6	23.8	23.9	24.2	24.6	24.9	....
25	25.5	....	....	23.9	23.6	23.6	23.7	23.9	24.3	24.6	25.0	....
Eom	25.4	25.0	....	23.9	23.6	23.7	23.7	24.0	24.3	24.7	25.0	....

331123087361401. 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 in (15 cm), previously reported 6 to 5 in (15 to 12 cm); depth 71 ft (22 m), previously reported 72 ft (22 m); cased to 58 ft (18 m); screened 58-71 ft (18-22 m). Lsd 161 ft (49 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 13.97 ft (4.26 m) below lsd, May 2, 1964; lowest 22.8 ft (6.9 m) below lsd, Dec. 20, 1968, Dec. 20, 25, 31, 1969. Records available: 1955-70. Well destroyed; measurement discontinued June 23, 1970.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.2	21.0	20.2	19.2	....	17.6	18.8	19.9	20.8	21.5	22.0	22.6
10	22.3	20.7	20.0	19.2	....	17.8	19.1	20.1	20.9	21.6	22.1	22.6
15	22.2	20.4	19.8	18.6	....	18.0	19.2	20.2	21.0	21.7	22.2	22.7
20	22.1	20.3	19.7	17.2	17.5	18.4	19.4	20.4	21.1	21.8	22.3	22.8
25	21.8	20.2	19.5	16.7	16.9	18.5	19.5	20.5	21.2	21.9	22.5	22.8
Eom	21.3	20.1	19.3	....	17.0	18.7	19.7	20.6	....	21.9	22.5	22.8

1970

5	22.6	21.7	21.8	20.4	19.8	20.0	....	....	....	....	....	....
10	22.5	21.5	21.6	20.3	19.8	19.7	....	....	....	....	....	....
15	22.0	21.5	21.5	20.3	19.9	19.7	....	....	....	....	....	....
20	21.9	22.0	21.5	20.2	19.9	19.8	....	....	....	....	....	....
25	21.8	21.9	21.0	20.1	....	....	....	....	....	....	....	....
Eom	21.8	21.9	20.7	19.9	20.3	....	....	....	....	....	....	....

331045087342501. 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 (15 cm), depth 83 ft (25 m), cased to 77 ft (23 m), screened 77-83 ft (23-25 m). Lsd 160 ft (49 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 19.19 ft (5.85 m) below lsd, Mar. 20, 1963; lowest 35.9 ft (10.9 m) below lsd, Dec. 5, 1969. Records available: 1962-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	34.3	33.5	33.0	31.8	30.1	29.6	31.2	32.9	34.1	34.7	35.4	35.9
10	34.5	33.3	32.7	31.7	30.3	29.9	31.7	33.1	34.3	34.8	....	35.8
15	34.6	33.1	32.6	....	30.3	30.3	31.9	....	34.5	34.9	....	35.8
20	34.5	33.0	32.4	....	30.4	30.5	32.1	33.5	34.6	35.0	....	....
25	34.1	33.0	32.2	30.3	29.9	30.6	32.4	33.7	....	35.2	35.7	....
Eom	33.8	33.0	31.9	30.0	29.2	30.9	32.7	33.9	....	35.3	35.8	35.3

1970

5	35.0	34.8	35.1	33.0	33.2	33.7	....	34.2	33.8	....	....	34.8
10	34.9	34.9	35.1	33.0	33.3	33.2	....	34.2	33.9	....	....	34.9
15	34.8	35.0	35.3	33.2	33.6	33.2	....	33.9	....	....	....	35.0
20	34.8	35.1	....	33.2	33.8	33.4	....	33.8	....	....	34.7	35.2
25	34.9	35.1	....	33.2	34.0	33.5	34.1	33.6	....	....	34.6	....
Eom	34.9	35.1	....	33.1	34.2	....	34.1	33.7	....	....	34.6	....

1971

5	....	....	31.2	29.8	30.8	....	31.7	31.7	32.2	....	32.7	32.9
10	34.8	....	30.6	29.9	30.9	....	31.8	31.8	32.3	32.3	32.7	....
15	....	33.2	30.4	30.1	30.7	31.3	32.0	31.9	32.4	32.5	32.7	....
20	....	33.2	30.3	30.4	....	31.3	31.7	32.0	....	32.6	32.8	....
25	....	32.3	30.3	30.6	....	31.5	31.5	32.0	....	32.6	32.9	....
Eom	....	31.8	30.0	30.8	....	31.7	31.6	32.1	....	32.6	33.0	31.5

1972

5	31.3	....	29.9	30.4	31.3	....	32.6	....	33.6	34.0	32.7	31.6
10	30.8	....	29.8	30.5	31.4	32.0	32.8	....	33.7	33.8	....	32.0
15	29.8	29.5	....	30.7	31.4	32.2	32.9	33.2	33.8	33.5	....	31.7
20	29.4	29.7	....	30.8	31.5	32.3	33.0	33.3	33.9	33.3	....	31.7
25	29.5	29.8	30.0	....	31.6	32.4	33.0	33.4	34.0	33.1	....	31.7
Eom	29.5	29.8	30.2	....	31.7	32.6	33.1	33.5	34.0	32.9	31.8	31.8

1973

5	....	30.4	30.2	25.1	23.0	22.0	21.6	21.5	21.4	....	....	21.1
10	31.0	30.5	29.6	24.3	22.7	21.8	21.5	21.4	21.6	....	....	21.3
15	30.7	30.6	29.0	24.0	22.6	21.6	21.4	21.5	21.7	....	....	21.3
20	30.7	30.6	27.8	23.6	22.5	21.6	21.2	21.4	21.9	....	....	21.2
25	30.6	30.8	27.0	23.4	22.4	21.5	21.3	21.5	21.8	21.8	....	21.0
Eom	30.6	30.4	26.0	23.1	22.2	21.7	21.4	21.7	....	....	21.3	20.6

331340087381601. Local number Tus-5. Bryce Hospital. Near Coker. Drilled unused artesian well in sand of Coker Formation of Late Cretaceous age, diam 6 in (15 cm), depth 109 ft (33 m), cased to 103 ft (31 m), screened 103-109 ft (31-33 m). Lsd 157 ft (48 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 19.88 ft (6.06 m) below lsd, Jan. 14, 1968; lowest 34.4 ft (10.5 m), tape measurement, below lsd, Sept. 15, 1965. Records available: 1964-73.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	24.4	23.5	23.0	23.2	21.6	25.1	24.2	23.2	24.1	24.4	24.2	26.2
10	24.4	23.0	22.9	23.3	21.4	24.9	23.7	23.1	23.9	24.4	24.2	26.1
15	24.4	23.1	23.0	23.7	21.4	24.7	23.6	23.2	24.0	24.4	....	26.2
20	24.2	22.9	23.0	24.4	21.5	24.7	23.5	....	24.0	24.3	....	26.2
25	24.1	23.0	23.3	21.8	21.5	24.5	23.4	24.3	23.9	24.3	26.1	26.2
Eom	23.7	23.0	23.2	21.6	25.3	24.4	23.3	24.2	23.9	24.3	26.1	24.7

1970

5	25.8	25.6	....	24.3	22.8	24.1	23.1	23.8	24.0	....	24.0	23.9
10	26.8	25.2	....	24.4	22.7	22.5	23.3	23.8	24.0	24.4	24.0	23.9
15	25.6	25.2	24.2	24.4	23.0	22.7	24.8	23.9	24.1	24.4	24.1	25.3
20	25.6	25.4	23.9	23.0	23.1	22.8	24.9	25.2	24.1	24.2	24.1	23.9
25	25.4	....	23.1	23.0	23.1	22.8	25.0	23.9	....	24.1	23.9	25.3
Eom	25.4	....	24.5	22.7	23.2	23.0	25.1	24.0	....	24.1	23.9	25.2

331340087381601--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	25.0	22.3	21.9	22.6	....	25.0	25.1	25.2	....	23.8	24.0
10	25.3	23.4	22.0	22.1	22.7	....	23.5	25.2	25.4	23.7	24.1	23.4
15	23.7	23.3	22.0	22.2	22.7	24.8	23.6	23.5	25.4	23.7	24.1	23.2
20	23.7	24.0	22.0	24.0	22.7	23.1	25.1	25.2	....	23.7	24.1	....
25	23.3	22.5	22.0	22.5	22.6	23.2	23.5	25.3	....	23.8	24.2	....
Eom	23.4	22.5	22.0	22.6	....	25.0	23.5	25.3	....	25.5	24.2	24.6
1972												
5	22.7	22.3	....	22.3	23.0	23.4	23.9	24.1	24.2	24.7	24.9	24.8
10	21.9	....	....	22.4	23.1	23.6	23.9	24.1	25.9	24.8	24.9	24.6
15	21.9	21.5	....	22.5	23.2	23.6	....	24.1	25.9	24.8	24.8	24.5
20	21.7	21.8	....	22.6	23.2	23.7	24.0	24.1	26.1	24.8	24.9	24.0
25	21.9	21.5	22.0	22.8	23.3	23.8	24.0	24.2	24.6	26.4	24.7	23.9
Eom	22.1	21.8	22.2	22.9	23.3	23.9	24.1	24.2	24.7	24.8	24.8	23.9
1973												
5	23.6	22.5	22.4	21.9	21.9	21.8	22.6	22.8	23.2	23.6	23.9	23.5
10	23.0	22.5	22.3	21.8	21.8	21.9	22.6	22.8	23.3	23.6	23.9	23.4
15	22.9	22.4	22.1	21.9	21.9	22.1	24.3	22.9	23.4	....	23.7	23.3
20	22.9	22.4	21.8	21.9	21.9	22.3	22.6	23.0	23.5	....	23.8	23.1
25	22.8	22.2	21.8	21.8	21.9	22.3	22.7	23.1	23.5	23.8	23.7	23.2
Eom	22.7	22.4	21.9	21.8	21.9	22.5	22.6	23.2	23.5	23.7	23.6	....

Wilcox County

315513087264501. Local number Wil-2. Mrs. J. R. Harvey. Drilled unused water-table well in sand and gravel of alluvial deposits of Quaternary age, diam 16 in (41 cm), depth 55 ft (17 m), cased to 39 ft (12 m), screened 39-55 ft (12-17 m). Lsd 55 ft (17 m) above msl. MP top of recorder platform, 1.45 ft (0.44 m) above lsd. Highest water level 4.46 ft (1.36 m) below lsd, Mar. 10, 1971; lowest 31.56 ft (9.62 m) below lsd, Dec. 3, 4, 1970. Records available: 1970-73.

Lowest water level for the day, from recorder graph, 1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	....	....	....	31.5
10	....	....	....	....	....	....	....	....	....	....	....	31.4
15	....	....	....	....	....	....	....	....	....	....	....	31.5
20	....	....	....	....	....	....	....	....	....	....	....	30.9
25	....	....	....	....	....	....	....	....	....	....	31.3	31.2
Eom	....	....	....	....	....	....	....	....	....	....	31.4	31.3
1971												
5	31.0	30.2	20.3	16.5	24.7	27.4	28.8	28.2	29.5	....	30.8	30.1
10	30.3	27.5	4.8	20.0	25.5	27.7	28.8	28.6	29.7	....	30.9	27.8
15	30.8	26.9	12.0	22.3	24.8	28.0	28.9	29.0	29.9	....	31.0	28.8
20	30.8	28.2	16.4	23.9	25.9	28.2	28.9	29.2	30.0	....	31.0	29.0
25	30.9	25.8	19.2	24.5	26.6	28.3	29.3	29.4	....	30.7	31.1	28.7
Eom	29.7	26.0	14.2	24.5	27.2	28.6	28.8	29.6	....	30.8	31.2	29.4
1972												
5	29.3	19.2	19.5	....	27.6	28.4	29.3	29.9	....	30.9	....	....
10	25.0	18.4	16.7	....	27.8	28.6	29.3	....	....	31.0	....	....
15	21.4	21.0	21.0	....	27.4	28.9	29.4	....	....	31.1	....	....
20	11.8	22.1	22.7	....	26.4	29.0	29.5	....	....	31.3	....	....
25	16.0	23.1	23.7	26.7	27.6	29.3	29.6	....	....	31.3	....	....
Eom	20.1	23.9	....	27.3	28.2	29.0	29.8	....	....	31.3	....	....
1973												
5	....	....	....	....	....	21.3	26.1	27.9	....	29.7	30.3	30.1
10	....	....	....	....	....	21.9	26.5	28.2	....	29.8	30.3	30.1
15	....	....	....	....	19.2	22.7	26.7	....	....	29.9	30.4	30.3
20	....	....	....	....	22.5	24.1	26.9	....	....	30.1	30.5	30.4
25	....	....	....	....	22.6	24.7	27.2	....	29.5	30.1	30.6	30.6
Eom	....	....	....	....	21.6	25.4	27.6	....	29.6	30.2	30.4	28.5

# FLORIDA

The observation-well program in Florida, begun in 1930, was continued during the period 1969 through 1973 in cooperation with the Florida Bureau of Geology, the Central and Southern Florida Flood Control District, the Southern Florida Flood Control District, the Southwest Florida Water Management District, and the counties of Broward, Collier, Dade, Escambia, Hillsborough, Orange, Palm Beach, Polk, Volusia, Walton, and the cities of Boca Raton, Cocoa, Ft. Lauderdale, Miami, Miami Beach, Naples, Pompano Beach, Sarasota, and St. Petersburg. Other cooperators include Collier County Water Management Districts Nos. 1 and 7, the Department of the Navy, U.S. Corps of Engineers, Environmental Protection Agency, Reedy Creek Drainage District, West Coast Inland Navigation District, and the National Park Service. Figure 3 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 page 1. Local well numbers are also given.

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. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

### Alachua County

293620082362001. Local number 936-236-1. U.S. Geol. Survey. Drilled test artesian well in Floridan aquifer, diam 8 in (20 cm), depth 252 ft (77 m), cased to 136 ft (41 m). Lsd 72.27 ft (22.03 m) above msl. MP top of coupling, 4.00 ft (1.22 m) above lsd. Highest water level 17.64 ft (5.38 m) below lsd, Oct. 7, 1965; lowest 33.56 ft (10.23 m) below lsd, Jan. 14, 1964. Records available: 1958-73.

#### Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov.	Dec
5	27.92	28.63	28.91	28.71	28.48	28.85	29.38	29.86	29.52	28.66	28.32	28.37
10	28.02	28.72	28.95	28.63	28.50	28.94	29.45	29.77	29.22	28.58	28.30	28.39
15	28.15	28.80	28.99	28.55	28.56	29.02	29.53	29.73	29.04	28.51	28.30	28.33
20	28.24	28.87	29.01	28.50	28.62	29.11	29.61	29.73	28.92	28.46	28.30	28.25
25	28.37	28.87	28.93	28.48	28.68	29.19	29.69	29.73	28.81	28.41	28.32	28.19
Eom	28.50	28.88	28.82	28.46	28.76	29.27	29.79	29.70	28.72	28.34	28.34	28.10
1970												
5	.....	26.58	24.81	23.70	22.50	22.62	23.34	23.99	23.26	23.23	24.00	24.82
10	27.75	25.96	24.68	23.39	22.44	22.73	23.42	24.06	23.19	23.32	24.12	24.98
15	27.54	25.59	24.37	23.16	22.42	22.87	23.55	23.80	23.15	23.45	24.25	25.10
20	27.38	25.36	24.47	22.92	22.43	23.00	23.65	23.54	23.12	23.60	24.38	25.26
25	27.22	25.07	24.39	22.78	22.45	23.13	23.77	23.41	23.14	23.69	24.54	25.38
Eom	27.09	25.00	24.12	22.61	22.55	23.25	23.88	23.35	23.16	23.86	24.67	25.55
1971												
5	25.70	26.55	27.06	27.60	28.07	28.57	29.08	29.35	27.59	27.22	26.80	26.85
10	25.85	26.69	27.15	27.70	28.14	28.65	29.15	29.40	27.51	27.20	26.77	26.86
15	26.00	26.74	27.22	27.77	28.22	28.74	29.20	29.05	27.45	27.18	26.75	26.90
20	26.13	26.82	27.31	27.85	28.27	28.84	29.27	28.22	27.38	e27.13	26.74	26.93
25	26.26	26.91	27.40	27.92	28.38	28.92	29.35	27.85	27.32	e27.01	26.78	26.99
Eom	26.42	26.96	27.51	28.00	28.47	29.00	29.45	27.70	27.25	e26.90	26.79	27.02
1972												
5	27.07	27.42	27.30	26.94	26.40	26.57	26.85	27.10	27.23	27.05	27.51	28.06
10	27.14	27.40	27.32	26.76	26.38	26.53	26.86	27.16	27.18	27.60	27.60	28.13
15	27.20	27.37	27.27	26.58	26.40	26.74	26.87	27.24	27.11	27.14	27.69	28.20
20	27.25	27.37	27.28	26.50	26.40	26.76	26.92	27.36	27.07	27.22	27.79	28.27
25	27.33	27.34	27.29	26.45	26.45	26.80	26.95	27.43	27.05	27.30	27.88	28.35
Eom	27.36	27.32	27.28	26.42	26.51	26.82	27.04	27.33	27.02	27.44	27.99	28.41



293620082362001--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.46	28.75	28.24	27.12	25.34	25.17	25.79	26.45	27.00	27.40	27.92	28.57
10	28.51	28.66	28.14	26.57	25.23	25.25	25.90	26.53	27.09	27.45	28.03	28.69
15	28.58	28.61	27.86	26.19	25.15	25.35	26.02	26.62	27.16	27.55	28.13	28.80
20	28.60	28.53	27.67	25.93	25.11	25.47	26.12	26.71	27.22	27.64	28.23	28.91
25	28.67	28.40	27.54	25.68	25.11	25.56	26.22	26.80	27.25	27.72	28.34	29.01
Eom	28.73	28.35	27.40	25.53	25.14	25.67	26.32	26.91	27.31	27.81	28.46	29.14
e Estimated.												

e Estimated.

Baker County

301540082162001. Local number 015-216-200. U.S. Geol. Survey. Sanderson. Drilled observation artesian well in Floridan aquifer, diam 6 in (15 cm), depth 825 ft (251 m), cased to 282 ft (86 m). Lsd 157.68 ft (48.06 m) above msl. MP top of coupling, 2.30 ft (0.70 m) above lsd. Highest water level 93.63 ft (28.54 m) below lsd, Mar. 1, 1965; lowest 103.29 ft (31.48 m) below lsd, Nov. 27, 1972. Records available: 1963-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 23, 1963	98.31	July 7, 1965	96.15	May 8, 1968	102.42	Mar. 15, 1971	100.15
Nov. 13	100.54	Sept. 3	95.28	July 9	102.32	May 11	101.46
Dec. 13	100.62	Nov. 3	96.14	Sept. 10	101.92	July 19	102.46
17	100.97	Jan. 4, 1966	96.18	Nov. 5	101.67	Nov. 15	101.55
19	100.87	Mar. 8	94.34	Jan. 7, 1969	101.64	Jan. 12, 1972	99.80
30	100.87	May 10	95.37	Mar. 4	101.48	Mar. 14	98.49
Jan. 6, 1964	100.58	July 14	95.08	May 8	101.46	May 9	99.78
Feb. 25	97.27	Sept. 8	95.32	July 9	102.43	25	100.19
Mar. 3	96.99	Nov. 4	96.06	Sept. 9	101.31	July 17	99.10
17	96.19	Jan. 4, 1967	97.00	Nov. 6	100.45	Sept. 18	100.43
18	96.26	Mar. 9	95.91	Jan. 7, 1970	99.43	Nov. 27	103.29
May 8	96.43	May 9	98.17	Mar. 10	97.73	Jan. 16, 1973	101.42
July 7	98.09	July 6	99.60	May 11	97.38	Mar. 19	98.85
Sept. 15	95.32	Sept. 8	98.71	July 13	99.57	May 16	97.32
Nov. 2	94.19	Nov. 9	100.10	Sept. 9	97.07	July 24	98.88
Jan. 5, 1965	93.88	Jan. 8, 1968	100.61	Nov. 17	99.64	Sept. 20	99.16
Mar. 1	93.63	Mar. 7	100.77	Jan. 12, 1971	100.53	Nov. 21	100.39
May 4	94.29						

302620082173001. Local number 026-217-300. U.S. Geol. Survey. Taylor. Drilled observation artesian well in Floridan aquifer, diam 6 in (15 cm), depth 905 ft (276 m), cased to 417 ft (127 m). Lsd 116.30 ft (35.45 m) above msl. MP top of coupling, 2.00 ft (0.61 m) above lsd. Highest water level 54.43 ft (16.59 m) below lsd, Mar. 1, 1965; lowest 65.14 ft (19.85 m) below lsd, Sept. 13, 1971. Records available: 1963-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 8, 1963	61.48	July 7, 1965	57.19	May 8, 1968	63.57	Mar. 15, 1971	61.87
Nov. 13	61.64	Sept. 3	56.71	July 9	63.46	May 11	62.58
Dec. 12	61.72	Nov. 3	57.69	Sept. 10	63.24	July 19	63.62
17	62.00	Jan. 4, 1966	57.67	Nov. 5	63.07	Sept. 13	65.14
19	61.96	Mar. 8	55.23	Jan. 7, 1969	62.96	Nov. 15	62.79
30	61.93	May 10	56.78	Mar. 4	62.69	Jan. 12, 1972	61.64
Jan. 6, 1964	61.56	July 14	56.42	May 8	62.64	Mar. 14	59.41
Mar. 3	57.62	Sept. 8	56.78	July 9	63.52	May 9	60.98
15	56.68	Nov. 4	57.69	Sept. 9	62.34	25	61.45
18	56.73	Jan. 4, 1967	58.43	Nov. 6	61.70	July 17	60.6
May 8	56.71	Mar. 9	57.10	Jan. 7, 1970	60.74	Sept. 18	62.14
July 7	58.85	May 9	59.48	Mar. 10	59.23	Nov. 27	63.23
Sept. 15	55.85	July 6	60.90	May 11	58.89	Mar. 19, 1973	60.03
Nov. 2	54.97	Sept. 8	60.18	July 14	61.12	May 7	57.56
Jan. 5, 1965	54.57	Nov. 9	61.52	Sept. 9	57.98	Sept. 20	60.68
Mar. 1	54.43	Jan. 11, 1968	61.63	Nov. 17	61.02	Nov. 21	62.13
May 4	55.16	Mar. 7	62.01	Jan. 12, 1971	61.85		

Bay County

301006085413501. Local number 7. Panama City. Clay and 11th Sts., St. Andrew. Drilled unused artesian well in Floridan aquifer, diam 3 in (7.6 cm), depth 253 ft (77 m), casing information not available. Lsd 26.33 ft (8.03 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 23.52 ft (7.17 m) below lsd, Jan. 16, 1970; lowest 78.36 ft (23.88 m) below lsd, June 18, 1963. Records available: 1936, 1943, 1946-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1969	25.60	May 11, 1970	25.30	Jan. 7, 1972	23.92	Jan. 11, 1973	24.68
May 9	24.70	Jan. 13, 1971	23.83	May 2	25.13	May 14	24.57
Jan. 16, 1970	23.52	May 4	24.30				

Bradford County

300020082103001. Local number 000-210-2. U.S. Geol. Survey. Drilled test artesian well in Floridan aquifer, diam 4 in (10 cm), depth 294 ft (90 m), cased to 247 ft (75 m). Lsd 137.52 ft (41.92 m) above msl. MP top of 4-in (10 cm) plug, 2.13 ft (0.65 m) above lsd. Highest water level 69.17 ft (21.08 m) below lsd, Nov. 2, 1960; lowest 77.29 ft (23.56 m) below lsd, July 2, 1969, June 29, 1971. Records available: 1959-73.

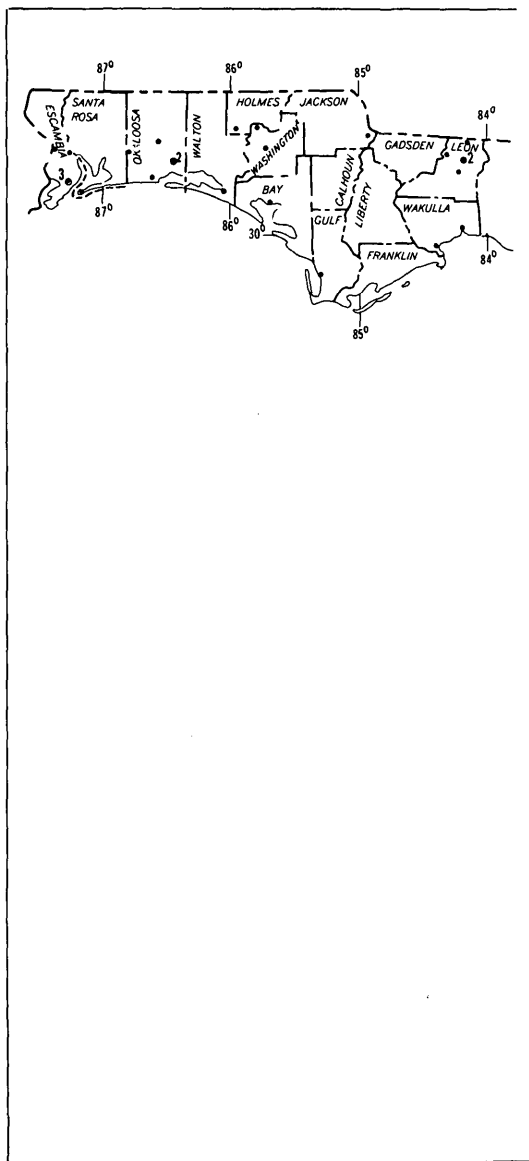
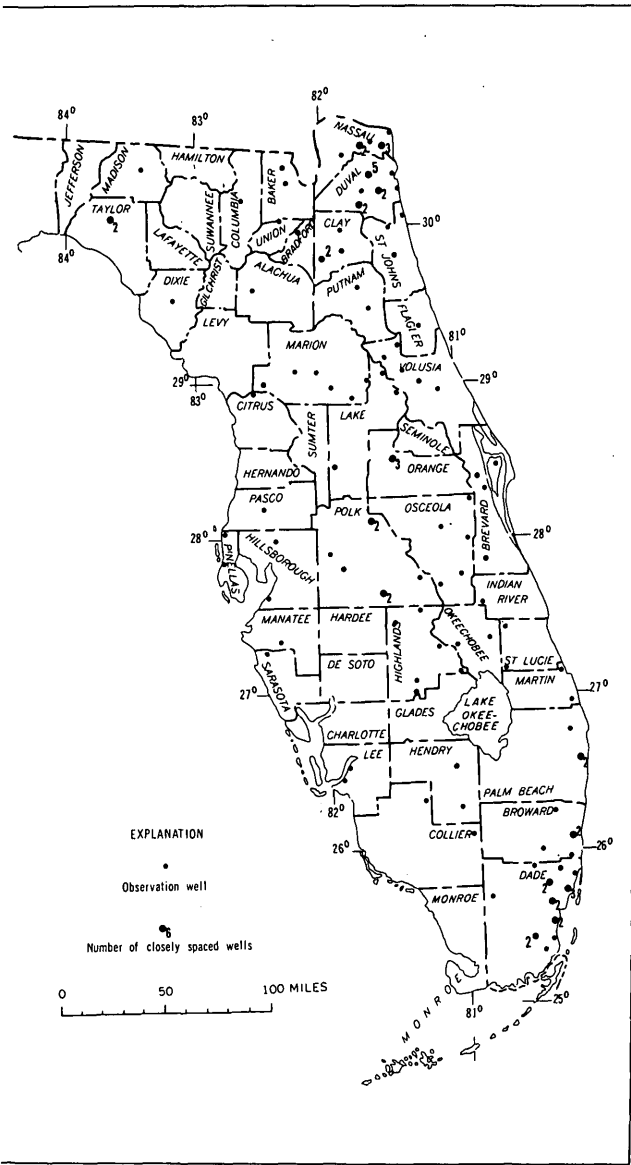


Figure 3.--Location of observation



wells in Florida, 1969-73.

300020082103001--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 17, 1959	69.22	June 21, 1962	73.80	May 3, 1966	70.65	Mar. 3, 1970	72.60
Aug. 17	70.09	July 26	75.26	July 12	70.54	May 6	71.93
Sept. 30	70.20	Aug. 31	75.09	Sept. 6	70.47	July 9	74.00
Nov. 12	70.32	Oct. 19	74.71	Nov. 2	70.73	Sept. 8	72.72
Dec. 23	70.91	Dec. 17	75.16	Jan. 3, 1967	72.11	Nov. 3	73.99
Feb. 25, 1960	70.86	Feb. 18, 1963	74.59	Mar. 8	71.42	Jan. 7, 1971	75.35
Apr. 20	69.58	Apr. 22	74.40	May 2	73.28	Mar. 3	75.13
June 28	71.28	June 17	75.69	July 6	74.64	May 5	76.20
Sept. 16	69.99	Sept. 9	75.35	Sept. 6	73.61	June 29	77.29
Nov. 2	69.17	Oct. 21	75.21	Nov. 7	74.57	Aug. 30	76.70
Dec. 6	70.07	Jan. 6, 1964	75.33	Jan. 8, 1968	75.26	Nov. 36	76.36
Jan. 9, 1961	70.60	Mar. 3	72.83	Mar. 5	75.52	Jan. 5, 1972	75.85
Feb. 27	70.61	May 8	73.47	Mar. 3	76.94	Mar. 3	73.87
Apr. 5	70.78	July 7	74.39	July 8	77.27	May 3	74.57
May 16	70.84	Sept. 15	71.82	Sept. 19	75.89	July 6	74.24
July 11	72.43	Nov. 2	70.38	Oct. 20	76.22	Sept. 1	74.64
Aug. 14	72.46	Jan. 5, 1965	70.36	Jan. 3, 1969	76.56	Oct. 30	75.61
Sept. 27	71.49	Mar. 1	69.88	Mar. 5	76.91	Jan. 2, 1973	75.77
Nov. 20	71.82	May 4	70.36	May 6	76.06	Mar. 5	73.25
Jan. 8, 1962	73.15	July 7	71.97	July 2	77.29	May 3	72.70
Feb. 15	73.46	Sept. 2	70.65	Sept. 2	76.71	July 3	73.35
Mar. 30	74.03	Nov. 2	71.17	Nov. 7	75.21	Aug. 31	73.77
May 10	73.96	Jan. 4, 1966	71.49	Jan. 6, 1970	74.16	Oct. 30	74.23
		Mar. 8	70.32				

## Brevard County

282245080471601. Local number 822-047-2. U.S. Geol. Survey. Cocoa. Drilled observation artesian well in Floridan aquifer, diam 4 in (10 cm), depth 129 ft (39 m), cased to 114 ft (35 m). Lsd 24.78 ft (7.55 m) above msl. MP top of recorder-shelter floor, 12.5 ft (3.8 m) above lsd. Highest water level 9.40 ft (2.87 m) above lsd, Sept. 12, 1960; lowest 0.50 ft (0.15 m) below lsd, May 14, 1971. Records available: 1955-73. Water levels affected by regional pumping.

Highest water level for the day, above and below lsd, from recorder graph, 1955

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	....	....	....	....
10	....	....	....	....	....	....	....	....	+8.05	+7.75	+7.73	....
15	....	....	....	....	....	....	....	....	....	....	7.65	....
20	....	....	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	....	....	....	....
Bom	....	....	....	....	....	....	....	....	....	....	....	....
1956												
5	....	+6.92	+6.10	+4.20	+4.45	+4.40	+5.40	+5.50	+6.00	+7.00	....	+7.15
10	+7.24	....	5.75	4.65	4.65	4.50	5.70	5.25	....	7.05	+7.95	7.05
15	7.10	6.90	5.60	4.85	4.85	4.30	5.90	5.25	6.40	7.95	7.95	6.70
20	....	7.05	5.30	4.25	4.45	4.50	5.80	5.35	6.65	7.95	7.90	6.35
25	6.73	6.85	5.00	4.00	4.15	4.70	5.70	5.50	6.75	8.15	7.75	6.35
Bom	6.73	6.55	4.65	4.50	4.25	4.95	5.60	5.50	6.85	8.35	7.50	6.10
1957												
5	+5.90	+5.90	+6.15	+7.00	+6.85	....	+7.05	+7.60	+8.25	+8.75	+7.95	+6.95
10	5.50	5.70	6.45	6.90	6.70	+7.25	7.00	7.70	8.25	8.50	7.50	7.15
15	5.45	5.75	6.95	6.95	7.05	7.15	....	7.70	....	8.65	7.60	6.60
20	5.00	5.35	6.70	6.80	7.25	6.95	7.20	7.80	8.45	8.45	7.30	6.75
25	5.65	5.85	6.90	6.80	7.10	6.85	7.25	8.05	8.55	8.55	7.20	6.55
Bom	5.90	6.00	6.80	6.60	7.15	6.80	7.50	8.10	8.65	8.25	7.25	7.05
1958												
5	+7.10	+7.55	+7.75	....	....	....	....	+6.54	....	....	....	+5.04
10	....	7.65	....	....	....	....	+6.09	6.60	....	+7.17	....	4.96
15	7.55	7.90	....	....	....	....	6.10	6.74	....	7.00	....	4.84
20	7.45	7.35	....	....	....	....	6.17	6.87	....	....	+5.24	4.82
25	7.75	7.65	....	....	....	....	6.25	....	....	....	5.07	4.80
Bom	7.85	7.75	....	....	....	+6.28	6.42	....	....	....	4.88	5.23
1959												
5	+5.24	+5.57	....	....	....	+7.04	....	....	+7.43	+8.36	....	+8.33
10	5.31	5.45	....	....	....	7.07	....	....	7.60	....	....	8.26
15	5.48	5.47	....	....	+6.95	6.96	....	+7.53	7.90	....	+8.35	8.22
20	5.10	....	....	....	7.03	7.25	....	7.62	8.11	....	8.57	8.15
25	5.27	....	....	....	7.10	7.62	....	7.37	8.44	....	8.72	8.19
Bom	5.35	....	....	....	7.02	7.66	....	6.98	8.56	....	8.30	8.17
1960												
5	+8.15	+7.14	....	....	+7.70	....	....	....	....	....	+9.18	+8.11
10	....	7.53	+7.90	....	7.58	+6.62	....	....	....	....	9.02	7.72
15	8.04	....	....	....	7.05	....	....	....	+9.13	....	8.87	7.72
20	7.56	....	....	+8.12	....	....	....	....	....	....	8.75	7.22
25	6.82	....	....	7.93	....	....	....	....	....	....	8.60	6.96
Bom	6.82	....	....	7.59	....	....	....	....	....	....	8.48	7.28
1961												
5	+6.88	....	....	+6.56	+4.51	+4.02	+5.29	+5.11	+5.99	+5.94	+5.63	+5.33
10	6.81	....	....	6.61	....	3.90	5.50	4.58	5.85	5.88	5.98	4.77
15	7.23	+7.60	....	6.52	4.52	3.93	5.60	4.32	5.78	6.01	5.93	4.38
20	....	....	....	6.00	4.01	4.08	5.79	4.95	6.27	6.17	5.90	4.47
25	....	....	....	5.52	3.78	4.39	5.90	5.20	6.34	5.92	5.71	4.35
Bom	....	....	+6.67	4.74	3.99	4.99	5.57	5.72	6.09	5.73	5.73	4.15

282245080471601--Continued.

1962												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+4.29	+4.29	+4.03	+4.02	+3.07	+2.44	+4.18	+5.10	+6.00	+6.82	+5.85	+6.06
10	4.30	4.27	3.63	4.30	3.05	2.53	4.34	5.38	6.10	6.73	5.70	5.68
15	4.49	4.47	3.40	4.45	2.84	3.02	4.42	5.35	6.19	6.54	5.85	5.39
20	4.50	4.40	3.51	4.08	2.51	3.30	4.59	5.50	6.32	6.62	5.97	5.22
25	4.45	4.20	3.68	3.55	2.35	3.66	4.72	5.80	6.67	6.27	5.85	5.16
Eom	4.32	4.14	3.98	3.33	2.17	4.00	4.88	5.94	6.73	6.30	6.10	5.19
1963												
5	+5.12	+5.56	+6.17	+5.31	+3.04	+3.54	+4.17	+4.72	+4.75	+5.73	+5.69	+6.28
10	5.12	5.58	6.17	5.15	3.12	3.77	4.35	4.64	4.57	5.91	6.05	6.13
15	4.93	5.55	6.24	4.60	2.74	3.75	4.57	4.56	4.49	5.91	5.88	6.01
20	5.26	5.87	6.37	3.38	2.09	3.60	4.65	4.56	5.10	6.09	5.98	6.00
25	5.04	5.85	5.80	2.83	1.97	3.40	4.78	4.84	5.63	6.23	6.10	6.03
Eom	5.20	5.88	5.54	2.35	3.02	3.90	4.82	4.86	5.85	5.88	6.23	6.37
1964												
5	+6.10	+7.01	+6.86	+6.38	+5.24	+4.59	+4.43	+5.23	+6.75	....	....	+6.88
10	6.23	6.77	6.68	6.08	5.37	4.74	4.64	4.95	7.33	....	....	6.85
15	....	6.96	6.30	5.55	5.31	4.30	4.52	5.52	7.27	....	....	6.94
20	....	6.93	6.22	4.90	5.41	3.89	4.72	5.73	....	....	+7.03	6.90
25	6.68	7.01	5.77	4.30	5.07	3.82	4.96	5.89	....	....	7.07	7.00
Eom	6.64	6.83	6.14	4.45	4.83	3.99	5.13	6.56	....	....	6.99	6.70
1965												
5	+6.68	+5.83	+6.67	+6.36	....	+1.62	+4.15	+5.28	+5.13	+5.94	+6.34	+6.18
10	6.67	6.10	6.52	6.27	....	1.65	4.16	5.42	5.22	5.98	6.56	5.90
15	6.64	6.24	6.50	5.65	+2.69	2.65	4.33	5.45	5.04	6.04	6.60	5.97
20	6.35	6.34	6.49	4.89	2.24	3.40	4.79	5.46	5.11	6.40	6.51	6.19
25	6.27	6.64	6.37	4.30	1.92	3.81	5.01	5.48	5.34	6.30	6.42	6.06
Eom	6.22	6.35	6.41	3.97	1.77	4.01	5.09	5.18	5.58	6.26	6.27	5.92
1966												
5	+6.05	+6.15	+6.86	+6.20	+3.35	....	....	+6.42	+6.30	+7.00	+6.57	+5.55
10	6.05	6.00	6.15	6.11	3.90	....	....	6.63	6.08	6.98	6.49	5.63
15	6.47	6.03	6.98	5.70	4.34	....	+6.18	6.69	6.44	6.93	6.23	5.38
20	6.33	6.11	6.74	5.07	4.34	....	6.17	6.62	6.65	6.87	5.98	5.60
25	6.50	6.46	6.63	4.40	4.52	....	6.17	6.64	6.63	6.96	6.05	5.47
Eom	6.28	6.73	6.44	3.68	....	....	6.32	6.62	6.79	6.94	5.87	5.35
1967												
5	+5.18	+4.57	+4.80	+2.98	+1.08	+0.78	+2.87	....	....	+5.23	+4.75	+2.51
10	5.20	4.55	4.62	2.31	.93	.88	3.63	....	....	5.41	4.54	2.47
15	5.18	4.80	4.31	1.98	.72	1.08	....	....	+5.39	5.25	4.31	2.79
20	4.97	5.03	3.91	1.60	.43	1.30	....	....	5.36	5.21	3.70	2.96
25	4.75	5.03	3.67	1.45	.23	1.55	....	....	5.31	5.18	3.36	3.36
Eom	4.58	5.18	3.12	1.36	.37	2.34	....	....	5.25	5.08	2.83	3.47
1968												
5	+3.37	+2.98	+3.01	+1.33	+0.16	....	+4.07	+4.03	+4.07	+4.44	+5.34	+5.07
10	3.40	2.83	3.11	.89	.17	....	4.34	4.03	4.08	4.75	5.49	4.69
15	3.33	2.43	2.62	.68	.48	....	4.30	4.04	4.30	4.94	5.11	4.64
20	3.09	2.63	2.68	+2.28	....	....	4.42	4.12	4.39	5.16	5.19	4.22
25	3.03	2.83	2.20	.00	....	....	4.37	3.92	4.59	5.39	5.24	3.77
Eom	2.78	3.15	1.80	-.07	e.9	+4.19	4.28	4.17	4.52	5.19	5.12	3.72
1969												
5	+3.90	+4.10	+4.08	+4.62	+2.87	+3.34	+2.83	+2.94	+4.08	+5.33	+5.73	+5.67
10	4.05	4.02	4.23	4.49	3.08	3.47	2.57	3.31	4.17	5.37	5.75	6.15
15	4.09	4.17	4.19	4.26	2.89	3.47	2.24	3.48	4.31	5.41	5.78	6.32
20	4.41	4.01	4.64	3.94	3.12	3.32	2.16	3.63	4.42	5.30	5.57	6.31
25	4.33	4.15	4.94	3.43	3.43	3.39	2.40	3.93	4.83	5.42	5.49	5.91
Eom	4.24	4.17	4.64	3.02	3.52	3.13	2.67	4.04	5.24	5.87	5.67	5.60
1970												
5	....	+5.44	+5.89	+5.87	+2.51	....	....	+3.78	+3.99	+4.32	+4.71	+3.00
10	....	5.80	5.93	5.69	1.78	....	....	3.63	3.85	4.40	4.67	2.58
15	....	5.75	5.74	5.60	1.15	....	....	3.69	3.73	4.39	4.52	2.36
20	+5.59	5.80	5.68	5.13	.79	....	+3.12	3.77	3.80	4.37	4.17	2.08
25	5.60	5.94	5.68	4.17	.65	....	3.37	3.92	3.90	4.62	3.72	2.05
Eom	5.42	5.63	5.77	3.34	.92	e+2.50	3.54	3.94	4.20	4.74	3.38	2.13
1971												
5	+2.08	+1.60	+2.68	+1.98	+0.02	+0.21	+1.72	+2.51	+3.26	+3.68	+3.87	+3.89
10	2.20	1.75	2.82	1.77	-.34	.37	....	3.13	3.40	3.51	4.27	3.97
15	2.37	2.24	2.60	1.83	-.46	.51	....	3.28	....	....	4.18	3.93
20	2.27	2.49	2.50	1.40	+0.07	.98	....	3.52	....	....	4.28	3.78
25	2.10	2.64	2.30	.92	.29	1.22	....	3.14	....	....	4.05	3.70
Eom	1.82	2.72	1.92	.40	.52	1.61	2.10	3.03	3.62	3.40	3.98	3.74
1972												
5	+3.72	+3.18	+3.93	+2.22	+1.75	+2.77	+3.12	+3.10	+3.88	+3.09	+2.27	+3.30
10	3.60	3.63	3.72	2.27	1.88	2.77	3.27	2.70	3.82	3.00	2.38	3.30
15	3.24	3.66	3.69	2.33	2.07	2.74	3.24	2.78	3.81	3.05	2.62	3.33
20	3.16	3.90	3.27	1.88	2.50	3.22	3.28	2.90	3.50	2.75	2.75	....
25	3.15	3.97	2.90	1.70	2.73	3.28	3.32	3.20	3.20	2.70	3.09	....
Eom	3.22	3.96	2.38	1.52	2.87	3.27	3.24	3.64	3.06	2.40	3.16	3.50
1973												
5	+3.50	+3.98	+4.12	+3.72	+2.11	+1.46	+2.80	+3.42	+4.00	+4.50	+4.77	+3.42
10	3.61	4.40	3.81	3.71	1.72	1.74	....	3.67	4.07	4.48	4.64	3.17
15	3.59	4.24	3.60	3.56	1.73	1.92	....	3.55	4.03	4.71	4.50	3.18
20	3.80	4.21	3.51	3.54	1.69	2.12	....	3.67	4.06	4.52	4.18	3.22
25	3.85	4.15	3.51	3.16	1.40	2.55	....	3.71	4.11	4.75	4.00	3.16
Eom	3.93	4.18	3.51	2.60	1.40	2.65	3.33	3.78	4.35	4.95	3.77	3.23

e Estimated.

h Tape measurement.

282204080514302. Local number 822-051-2. U.S. Geol. Survey. East of St. Johns River. Drilled observation artesian well in Floridan aquifer, diam 2 in (5.1 cm), depth 553 ft (169 m), cased to 138 ft (42 m). Lsd 16.58 ft (5.05 m) above msl. MP top of 6-in (15 cm) coupling, 1.50 ft (0.46 m) above lsd. Highest water level 21.2 ft (6.5 m) above lsd, Mar. 9, 1965; lowest 16.0 ft (4.9 m) above lsd, May 7, 1968. Records available: 1955, 1965, 1967-73. No measurement made in 1956-64, 1966.

Date	Water level
May 14, 1955	+17.7
Mar. 9, 1965	21.2
June 18	17.9
Mar. 3, 1967	18.2
Sept. 11	17.6

Date	Water level
May 7, 1968	+16.0
Sept. 5	18.9
May 8, 1969	17.9
Sept. 9	19.3

Date	Water level
May 16, 1970	+20.4
Sept. 10	19.0
May 4, 1971	17.9
Sept. 4	19.8

Date	Water level
May 7, 1972	+17.6
Sept. 4	18.1
May 4, 1973	16.7
Sept. 4	18.0

275956080434701. Local number 20. Marion Platt. Drilled irrigation artesian well in Floridan aquifer, diam 4 in (10 cm), reported depth 447 ft (136 m), cased to 125 ft (38 m). Lsd 22.09 ft (6.73 m) above msl. MP top of 4-in (10 cm) tee, 1.00 ft (0.30 m) above lsd. Highest water level 30.9 ft (9.4 m) above lsd, Aug. 14, 1934; lowest 15.2 ft (4.6 m) above lsd, May 7, 1968. Records available: 1934, 1942, 1946-73.

Date	Water level
Jan. 10, 1969	+20.4
Mar. 16	20.0
May 8	19.7
July 2	18.8
Sept. 9	19.7
Nov. 4	21.6
Jan. 22, 1970	22.3
Mar. 5	22.8

Date	Water level
May 16, 1970	+19.0
July 18	20.1
Sept. 10	20.4
Nov. 6	19.1
Jan. 12, 1971	18.9
Mar. 8	20.0
May 5	18.1

Date	Water level
Sept. 2, 1971	+20.3
Nov. 3	20.2
Jan. 3, 1972	19.6
Mar. 1	19.0
May 7	16.9
July 2	16.5
Sept. 4	18.0

Date	Water level
Nov. 6, 1972	+17.6
Jan. 4, 1973	17.0
Mar. 2	18.3
May 8	17.4
July 3	17.8
Sept. 4	18.8
Nov. 5	20.2

283404080394501. Local number 159. H. R. Jacobsen. Drilled irrigation artesian well in Floridan aquifer, diam 6 in (15 cm), depth 210 ft (64 m), cased to 144 ft (44 m). Lsd 3.77 ft (1.15 m) above msl. MP top of 6-in (15 cm) tee, 1.70 ft (0.52 m) above lsd. Highest water level 17.2 ft (5.2 m) above lsd, Dec. 14, 1946; lowest 7.6 ft (2.3 m) above lsd, May 12, 1968. Records available: 1946-47, 1949-73.

Date	Water level
May 8, 1969	+9.7
Sept. 9	14.3
May 16, 1970	13.8

Date	Water level
Sept. 9, 1970	+13.4
May 4, 1971	10.2
Sept. 2	13.2

Date	Water level
May 7, 1972	+9.2
Sept. 4	11.0

Date	Water level
May 4, 1973	+9.6
Sept. 4	11.2

#### Broward County

260010080085001. Local number F291. City of Hollywood. South 20th Ave. and Dewey St. Drilled unused water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 107 ft (33 m), casing information not available. Lsd 9.16 ft (2.79 m) above msl. MP top of casing, 1.90 ft (0.58 m) above lsd. Highest water level 7.26 ft (2.21 m) above msl, Oct. 5, 1948; lowest 0.16 ft (0.05 m) above msl, July 2, 1952. Records available: 1939-73.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+1.20	+1.33	+1.38	+1.15	+1.80	+2.56	+2.93	+1.83	+1.26	+2.41	+4.24	+1.71
10	1.28	1.25	2.03	1.11	1.55	2.49	2.44	1.53	1.30	2.05	3.40	1.90
15	1.52	1.65	1.75	1.10	3.05	2.93	1.94	1.70	2.03	1.82	2.71	1.67
20	1.81	1.52	1.53	.95	2.35	3.03	2.26	1.37	1.80	1.90	2.18	1.47
25	1.69	1.40	1.35	.81	1.95	2.54	2.11	1.20	1.92	1.99	1.81	1.30
Eom	1.48	1.36	1.22	1.15	2.43	2.05	1.96	1.30	2.11	5.21	2.02	1.15
1970												
5	+1.23	+1.46	+1.02	+1.34	+0.69	+3.49	+1.81	+1.13	+0.95	+2.27	+1.62	+1.05
10	1.08	1.65	2.78	1.12	.68	2.87	2.28	1.08	.84	2.03	1.51	1.05
15	1.68	1.45	2.46	.91	.68	2.44	1.62	1.03	1.21	1.76	1.44	1.10
20	1.82	1.33	1.83	.81	.70	2.21	1.38	1.00	1.22	2.11	1.31	1.08
25	1.57	1.11	1.48	.71	3.49	1.87	1.37	1.02	1.43	1.82	1.20	.99
Eom	1.35	1.06	1.36	.64	4.34	1.87	1.17	1.01	1.99	1.56	1.13	.98
1971												
5	+0.99	+0.82	+0.81	+0.70	+0.84	+0.70	+1.36	e+1.00	+1.21	+1.37	+2.77	+1.54
10	.90	1.05	.76	.64	.71	.75	1.82	e1.24	1.77	1.39	2.15	1.39
15	.88	.99	.71	.50	.75	1.00	1.69	e1.23	1.73	1.72	1.89	1.21
20	.99	.85	.73	.48	.81	.88	1.39	e.90	1.70	1.64	1.64	1.12
25	.85	.82	.64	.50	.82	1.38	1.18	e1.03	1.63	2.11	1.51	....
Eom	.82	.85	.74	.47	.81	1.53	.91	1.01	1.39	2.26	1.50	1.47
1972												
5	e+1.32	+1.28	+1.23	+2.62	+2.01	+2.97	+1.43	+1.83	e+1.80	+1.93	+1.60	+1.38
10	e1.38	1.35	1.25	2.27	1.63	3.09	1.32	1.52	e2.20	1.98	2.39	1.28
15	e1.40	1.53	1.09	1.84	1.64	2.66	1.33	1.28	e2.25	1.66	2.00	1.21
20	e1.33	1.53	1.28	1.50	2.47	2.46	3.37	1.13	e2.15	1.51	1.80	1.27
25	e1.34	1.28	1.63	1.32	2.07	2.06	2.63	1.20	e2.00	1.51	1.68	1.46
Eom	1.27	1.14	2.72	2.57	2.69	1.75	2.17	e1.80	1.78	1.70	1.52	1.26
1973												
5	+1.17	+1.25	+1.32	+1.22	+1.02	+1.04	+1.77	+1.87	+2.94	+2.09	+1.70	+1.70
10	1.18	1.14	1.26	1.13	1.29	.99	1.59	2.74	2.51	1.96	1.82	1.53
15	1.67	1.22	1.09	.94	1.29	.84	1.88	2.28	2.25	2.18	1.77	1.47
20	1.60	1.29	1.09	.93	1.28	1.05	1.65	2.10	2.01	1.96	2.77	1.65
25	1.47	1.34	1.09	.76	1.29	1.56	1.98	2.49	2.72	1.96	2.12	1.50
Eom	1.25	1.44	1.25	.87	1.24	1.92	2.35	3.60	2.32	1.89	1.90	1.28

e Estimated.

260545080082001. Local number 0561. U.S. Geol. Survey. Southeast Fourth Ave. and 20th St., Port Lauderdale. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 20 ft (6 m), cased to 20 ft (6 m). Lsd 8.15 ft (2.48 m) above msl. MP top of casing, 1.70 ft (0.52 m) above lsd. Highest water level 7.40 ft (2.26 m) above msl, Oct. 5, 1948; lowest 0.05 ft (0.02 m) above msl, July 2, 1952. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+0.99	+1.06	+1.20	+0.84	+1.59	+1.97	+2.28	+1.92	+1.51	+2.32	+4.25	+2.07
10	1.10	1.00	1.70	.85	1.26	2.05	1.75	1.60	1.40	1.96	3.40	1.89
15	1.42	1.37	1.35	.82	2.10	2.25	1.48	1.53	1.96	1.85	2.80	1.73
20	1.75	1.33	1.25	.67	1.87	2.84	1.95	1.26	1.77	1.79	2.32	1.52
25	1.47	1.21	1.06	.69	1.50	2.45	1.80	1.56	1.66	1.84	2.05	1.28
Eom	1.25	1.18	.90	1.44	2.31	1.90	1.90	1.69	2.35	5.60	2.45	1.15

1970												
5	+1.04	+1.23	+0.85	+2.13	+0.73	+2.75	+2.12	+1.01	+1.12	+2.01	+1.59	+1.11
10	.98	1.70	3.33	1.66	.71	2.38	2.00	1.30	.95	1.99	1.75	1.06
15	1.24	1.32	3.06	1.31	.64	2.01	1.59	1.16	1.37	1.84	1.49	1.07
20	1.57	1.12	2.15	1.13	.65	1.85	1.28	1.05	1.44	1.99	1.36	.99
25	1.39	.96	1.69	.90	4.12	2.12	1.21	1.23	1.58	1.71	1.21	.90
Eom	1.14	.90	1.56	.69	3.13	2.26	1.06	1.07	1.75	1.61	1.17	.97

1971												
5	+0.92	e+0.66	+0.87	+0.68	+0.55	+0.54	+0.84	+0.78	+1.37	+1.53	+2.90	+1.61
10	.77	e.92	.76	.56	.38	.63	1.67	1.13	2.23	1.39	2.57	1.41
15	.76	e.87	.71	.42	.59	1.15	e1.51	1.22	2.27	1.54	2.25	1.22
20	.89	e.82	.65	.42	.69	.84	e1.32	.95	1.77	1.59	1.97	1.08
25	.73	.76	.67	.53	.57	.92	e1.10	.72	1.47	1.88	1.83	1.77
Eom	e.65	.84	.72	.45	.72	.86	.80	1.21	1.52	2.44	1.76	1.53

1972												
5	e+1.42	+1.11	+1.32	+2.37	+1.94	+3.32	+1.36	+1.88	+1.52	+1.77	+1.54	+1.27
10	e1.30	1.20	1.39	e1.95	1.70	3.65	1.29	1.55	2.23	1.77	2.35	1.18
15	e1.15	1.35	1.17	e1.55	1.62	3.22	1.22	1.24	2.17	1.60	2.10	1.28
20	e1.08	1.37	1.48	e1.30	3.15	2.66	3.36	1.00	1.79	1.45	1.83	1.29
25	e1.06	1.08	1.55	e1.13	2.35	2.14	2.72	1.10	1.93	1.56	1.65	1.41
Eom	1.00	.92	1.79	2.15	3.13	1.72	2.27	1.52	1.71	1.78	1.46	1.24

1973												
5	+1.17	e+1.08	+1.23	+1.39	+1.02	+1.09	+1.75	+1.66	+3.03	+2.47	+1.91	+1.83
10	e1.10	e1.02	1.24	1.25	1.18	1.21	1.44	2.25	2.38	2.36	1.78	1.62
15	e1.60	e1.05	1.06	1.06	1.21	1.01	1.40	2.20	2.12	2.31	2.09	1.53
20	e1.46	e1.17	1.08	.98	.97	1.84	1.40	2.37	1.93	2.27	2.87	1.43
25	e1.31	e1.30	1.16	.94	1.37	1.72	1.98	2.85	3.68	2.32	2.27	1.50
Eom	1.14	1.33	1.51	1.17	1.44	1.48	2.07	3.42	3.15	2.21	1.87	e1.45

e Estimated.

261710080135001. Local number 0616. U.S. Geol. Survey. Drilled observation water-table well in sand of Biscayne aquifer, diam 6 in (15 cm), depth 25 ft (8 m), cased to 19 ft (6 m), gravel-packed 14-25 ft (4-8 m). Lsd 12.84 ft (3.91 m) above msl. MP top of casing, 4.70 ft (1.43 m) above lsd. Highest water level 14.05 ft (4.28 m) above msl, June 20, 1959; lowest 7.24 ft (2.21 m) above msl, June 4, 1967. Records available: 1952-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+10.05	+9.46	+9.90	+10.13	+10.12	+10.00	+10.50	....	....	....	+11.50	+10.09
10	....	9.27	11.45	9.59	9.38	10.13	....	....	....	....	....	9.65
15	....	10.50	10.19	9.21	10.64	10.87	....	....	....	....	....	10.07
20	....	10.07	10.09	8.99	10.46	11.65	....	....	....	+9.90	9.95	9.90
25	....	9.70	9.58	9.75	10.25	10.95	....	e+9.70	+10.26	10.44	9.80	9.78
Eom	9.65	9.49	10.34	10.02	10.05	10.24	10.48	....	....	10.75	10.46	9.60

1970												
5	.....	+10.70	+9.30	+10.28	+8.36	+10.75	+10.26	+9.86	+9.28	+10.38	+9.76	+8.78
10	.....	10.27	12.10	9.76	8.15	10.38	.....	9.71	8.92	10.46	9.44	8.70
15	+10.82	9.98	11.17	9.45	7.97	10.55	.....	9.75	9.18	10.08	9.18	8.65
20	10.21	10.14	10.33	9.09	7.83	10.34	.....	9.51	9.24	10.26	8.96	8.56
25	9.97	9.80	10.17	8.79	11.56	10.77	.....	10.19	9.45	10.08	8.91	8.50
Eom	9.72	9.60	10.25	8.59	10.87	10.55	10.26	9.71	9.81	9.96	8.87	8.43

1971												
5	+8.37	+8.32	+8.06	+7.66	+7.78	+8.25	+9.90	+10.13	+10.38	+9.67	+10.80	+9.84
10	8.34	8.40	7.94	7.61	7.54	9.23	10.17	9.92	10.94	10.03	10.68	9.58
15	8.27	8.42	7.84	7.48	7.79	9.96	9.96	9.87	11.17	10.73	10.29	9.43
20	8.37	8.31	7.83	7.55	8.89	9.49	9.60	10.13	10.56	10.22	10.05	9.27
25	8.39	8.27	7.83	7.71	8.63	10.48	10.68	9.98	10.22	e10.33	9.88	10.05
Eom	8.40	8.20	7.72	7.80	8.43	10.28	10.11	10.31	9.95	11.44	9.68	10.14

1972												
5	+10.57	+10.17	+10.03	+10.54	+10.00	+11.69	+10.06	+10.12	+9.93	+10.49	+8.85	+9.40
10	10.55	10.52	9.86	10.32	9.71	10.43	9.93	10.12	9.60	10.40	10.25	9.17
15	10.49	10.28	9.48	9.94	9.85	11.37	10.41	9.66	9.45	10.27	10.12	10.30
20	10.34	10.14	9.25	9.61	9.63	11.38	12.71	9.37	9.80	9.69	10.13	9.78
25	10.33	10.02	9.02	9.32	9.36	10.90	10.64	10.19	10.00	9.25	9.67	9.90
Eom	10.13	9.76	11.21	10.04	10.52	10.33	10.70	10.00	9.70	8.99	9.65	9.50

1973												
5	+9.26	+9.11	+8.23	+9.21	+7.54	+8.64	+10.30	.....	+11.41	+9.92	+9.65	+10.14
10	8.90	9.43	9.11	8.74	7.69	9.98	.....	.....	10.84	10.45	9.62	.....
15	9.67	8.71	8.30	8.33	9.50	9.92	.....	.....	10.60	10.30	9.60	.....
20	9.36	8.49	8.06	7.98	9.45	10.30	.....	.....	e10.50	9.99	13.00	.....
25	9.03	8.41	8.58	7.85	9.42	10.21	10.47	+11.44	10.40	9.83	10.85	10.05
Eom	9.48	8.35	9.85	7.74	9.22	9.80	.....	12.43	10.17	9.69	10.38	9.90

e Estimated.

260515080202101. Local number G617. U.S. Geol. Survey. Drilled observation water-table well in sandstone of Biscayne aquifer, diam 6 in (15 cm), depth 29 ft (9 m), cased to 28 ft (9 m). Lsd 6.00 ft (1.83 m) above msl. MP top of casing, 3.53 ft (1.08 m) above lsd. Highest water level 6.89 ft (2.10 m) above msl, June 20, 1959; lowest 2.47 ft (0.75 m) above msl, June 7, 1962. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+5.06	+3.83	+3.87	+3.92	+4.23	+4.60	+4.40	+5.91	+4.25	+4.42	+6.40	+4.47
10	4.78	3.75	5.03	5.31	4.20	4.72	4.58	4.73	4.15	4.35	5.27	4.97
15	4.73	4.90	4.21	4.28	5.00	5.89	4.76	5.12	4.65	4.12	4.78	4.40
20	4.79	4.35	4.03	3.96	4.68	5.45	5.80	4.07	4.57	4.87	4.42	4.17
25	4.34	4.12	3.83	3.73	4.14	4.44	5.01	4.50	4.90	6.05	4.40	4.06
Eom	4.07	3.97	4.15	4.10	4.00	4.31	6.23	4.44	4.95	6.62	4.88	3.60
1970												
5	+4.21	+4.48	+3.94	+4.33	+3.51	+6.20	+4.19	+3.57	+3.61	+4.84	+3.96	+3.88
10	4.12	4.37	6.09	3.94	3.43	4.72	4.52	4.37	3.91	4.48	3.78	3.88
15	6.05	4.27	5.33	3.77	3.58	4.46	3.97	5.65	4.98	4.10	3.78	3.90
20	5.04	4.50	4.58	3.64	3.81	4.23	3.80	4.26	4.87	4.85	3.68	3.89
25	4.43	4.02	4.69	3.61	5.19	5.31	4.26	4.12	4.42	4.37	3.82	3.93
Eom	4.16	3.90	4.31	3.67	5.85	4.48	3.95	3.71	5.78	4.51	3.97	3.93
1971												
5	+4.06	+3.45	+3.36	+3.54	+3.41	+3.61	+4.34	e+4.50	+3.60	+3.63	+6.05	+3.88
10	3.91	3.59	3.38	3.44	3.20	4.44	4.62	e4.40	4.76	4.22	4.68	3.85
15	3.70	3.69	3.41	3.26	3.50	4.24	4.05	e4.85	5.20	e4.00	4.14	3.81
20	3.96	3.37	3.51	3.17	3.67	4.00	3.80	e4.25	4.08	e3.60	3.94	3.86
25	3.94	3.44	3.58	3.09	3.57	4.69	4.79	e3.60	3.75	e3.45	3.78	4.70
Eom	3.63	3.44	3.59	2.78	3.84	4.67	3.90	3.31	3.61	5.71	3.90	3.92
1972												
5	+4.17	+3.92	+3.78	e+3.52	+3.64	+4.68	e+4.47	+3.98	+4.30	+4.26	+3.88	+3.81
10	3.88	4.04	4.37	e3.56	4.67	3.99	e4.30	4.66	4.10	3.85	4.25	3.84
15	3.69	3.95	3.79	e3.55	4.06	e4.50	e4.40	4.53	4.18	3.67	4.41	3.93
20	3.66	3.64	3.71	e3.44	e4.85	e4.76	e4.33	4.10	3.75	4.06	3.93	3.80
25	4.02	3.63	3.73	e3.43	e4.35	e4.50	e4.30	4.18	4.13	3.94	3.84	4.14
Eom	3.87	3.59	3.58	3.57	4.15	e4.65	4.90	4.82	3.64	4.08	3.86	3.79
1973												
5	+3.70	+3.62	+3.28	+3.83	+3.04	+3.14	....	e+3.80	e+4.95	....	+3.84	+3.50
10	3.58	3.52	3.24	3.43	3.90	3.30	....	e3.77	e5.63	+4.67	3.71	3.53
15	4.10	3.36	3.27	3.22	3.55	3.46	....	e5.74	e4.95	4.78	3.63	3.51
20	3.77	3.37	3.32	3.44	3.37	4.82	....	e4.63	e4.39	4.09	3.90	4.15
25	3.70	3.24	3.59	3.02	3.11	4.02	....	e4.95	e5.27	4.20	3.67	3.95
Eom	3.55	3.23	3.99	3.02	3.38	e3.92	....	3.90	....	....	3.53	e3.80

e Estimated.

260655080122301. Local number S329. City of Fort Lauderdale. Drilled test water-table well in limestone of Biscayne aquifer, diam 4 in (10 cm), depth 68 ft (21 m), casing information not available. Lsd 9.22 ft (2.81 m) above msl. MP top of casing, 3.16 ft (0.96 m) above lsd. Highest water level 10.76 ft (3.28 m) above msl, Oct. 17, 1947; lowest 1.28 ft (0.39 m) below lsd, Apr. 25, 1971. Records available: 1940-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e+1.12	+1.42	....	+1.07	....	+2.97	+2.53	+3.65	+1.82	+2.83	e+5.75	....
10	....	1.30	....	....	....	2.44	1.38	3.45	2.10	2.41	....	....
15	....	1.45	....	....	....	2.35	1.85	3.20	2.31	1.73	....	....
20	....	1.58	....	....	+2.85	2.13	e1.50	2.55	2.43	2.02	....	....
25	....	1.30	....	....	3.17	2.29	....	2.15	2.17	2.13	1.05	....
Eom	1.72	.13	+1.52	....	2.90	2.30	3.45	2.15	2.63	....	....	+1.19
1970												
5	+1.61	+1.92	+1.22	+2.56	+0.41	+2.91	+2.37	+0.42	+1.28	+3.00	....	....
10	1.33	2.46	....	2.03	+0.06	2.87	2.36	.88	.66	2.89	....	....
15	1.07	1.95	....	1.34	-.33	2.71	2.08	.70	1.40	2.09	....	....
20	....	1.95	....	1.36	-.25	2.58	1.54	.06	1.51	2.53	....	....
25	....	1.45	....	....	+1.11	2.55	1.42	2.22	1.77	2.09	....	....
Eom	1.65	1.36	2.66	.23	2.80	2.58	.60	1.69	2.83	1.80	+0.74	....
1971												
5	....	+0.20	-0.09	-0.30	-0.47	-0.99	+0.28	+0.32	+1.76	+1.63	+3.19	+1.80
10	....	.43	.57	.83	.97	-.02	1.04	.42	2.49	1.73	3.37	1.52
15	....	.69	.74	1.06	.50	+0.73	.25	.94	3.42	2.06	2.81	1.29
20	+0.60	+1.12	.49	1.19	.47	-.15	.37	.95	2.88	1.88	2.26	1.30
25	+4.2	-.02	.82	1.28	.70	+0.66	.31	.80	2.37	2.17	2.02	1.86
Eom	-.20	.09	.25	1.11	.57	.62	.31	1.27	1.63	2.43	1.97	.98
1972												
5	+1.50	+1.61	+1.23	+2.45	+1.79	e+3.56	+1.56	e+2.10	+1.92	+1.89	+1.08	+1.65
10	1.34	1.51	.80	2.09	1.88	3.34	1.59	e1.50	2.30	1.48	3.03	1.54
15	1.00	1.89	1.11	1.36	2.10	4.26	2.06	e1.00	2.25	1.35	2.90	1.42
20	1.14	1.87	1.11	1.08	2.88	3.75	4.29	1.17	1.68	e2.25	2.54	1.39
25	1.27	1.20	1.26	.82	2.74	2.97	3.91	1.27	2.31	e1.35	2.25	1.74
Eom	1.07	.99	1.21	2.27	e2.90	2.14	e2.35	1.90	1.85	1.09	1.89	e1.65
1973												
5	+0.98	+1.02	+0.62	+0.92	+0.06	+0.68	....	e+2.00	+3.40	....	+1.62	+2.60
10	.96	.88	+0.53	.83	.73	.78	....	2.50	2.70	....	1.72	2.40
15	1.42	.73	-.15	.43	.95	.41	....	2.65	2.25	+2.03	1.30	1.79
20	1.03	.87	+0.25	+0.22	.83	1.41	....	2.37	2.11	1.93	....	1.72
25	1.23	.83	.79	-.43	.59	2.01	e+2.50	2.78	3.00	e1.31	....	2.09
Eom	1.02	.80	1.35	+0.07	.42	3.01	e2.32	2.70	2.40	1.15	3.10	1.62

e Estimated.



Citrus County

290214082284301. Local number 15. Charles Rush. Drilled domestic artesian well in Floridan aquifer, diam 3 in (7.6 cm), depth 78 ft (24 m), casing information not available. Lsd 44.28 ft (13.50 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 6.12 ft (1.87 m) below lsd, Sept. 3, Oct. 19, 1959; lowest 20.23 ft (6.17 m) below lsd, Aug. 9, 1962. Records available: 1933, 1935-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1969	14.56	May 22, 1970	11.22	Sept. 20, 1971	13.72	Oct. 31, 1972	14.95
Mar. 19	13.71	July 8	12.35	Nov. 12	14.13	Jan. 8, 1973	14.55
May 15	13.65	Sept. 21	10.33	Jan. 20, 1972	15.57	Mar. 19	14.55
July 1	14.62	Nov. 23	11.90	Mar. 14	15.76	May 22	14.96
Sept. 17	11.86	Jan. 18, 1971	13.26	May 17	15.43	July 10	15.70
Nov. 18	12.30	Mar. 17	13.12	July 19	14.71	Sept. 17	14.30
Jan. 21, 1970	12.01	May 19	13.98	Sept. 19	14.12	Nov. 2	14.07
Mar. 20	10.44	July 20	14.99	Oct. 18	14.68		

Clay County

300649081485901. Local number 5. John Huntley. Drilled domestic artesian well in Floridan aquifer, diam 4 in (10 cm), reported depth 530 ft (162 m), cased to 157 ft (48 m). Lsd 24.02 ft (7.32 m) above msl. MP top flange of 4-in (10 cm) valve, 2.50 ft (0.76 m) above lsd. Highest water level 36.9 ft (11.2 m) above lsd, Apr. 26, 1944; lowest 19.0 ft (5.8 m) above lsd, June 27, 1956. Records available: 1940-41, 1944-73.

Jan. 2, 1969	+22.2	May 23, 1970	+21.5	Sept. 27, 1971	+20.2	May 2, 1973	+23.9
May 13	20.9	Jan. 21, 1971	22.5	Jan. 18, 1972	21.6	Aug. 31	22.5
Jan. 13, 1970	23.3	May 17	19.9	May 26	21.5		

294807082020901. Local number 948-202-6. U.S. Geol. Survey. Drilled test water-table well in Hawthorn Formation of Miocene age, diam 2 in (5.1 cm), depth 144 ft (44 m), cased to 80 ft (24 m). Lsd 145.16 ft (44.24 m) above msl. MP top of casing, 1.58 ft (0.48 m) above lsd. Highest water level 44.02 ft (13.42 m) below lsd, Oct. 17, 1960; lowest 53.16 ft (16.20 m) below lsd, June 30, 1969. Records available: 1960-73.

Mar. 18, 1960	46.76	June 19, 1962	48.49	May 3, 1966	45.57	Mar. 3, 1970	48.32
	47.44	July 24	48.81	July 12	45.93	May 6	46.48
Apr. 28	45.22	Aug. 29	48.44	Sept. 6	45.40	July 20	47.20
May 16	45.33	Oct. 17	48.34	Nov. 2	44.93	Sept. 4	46.53
June 6	45.67	Dec. 11	49.10	Jan. 3, 1967	46.40	Nov. 4	47.21
20	45.89	Feb. 20, 1963	49.58	Mar. 8	46.50	Jan. 7, 1971	48.32
July 18	45.71	Apr. 24	50.23	May 3	47.55	Mar. 5	48.25
29	45.39	June 19	51.06	July 7	48.03	May 5	49.14
Aug. 22	45.02	Sept. 11	49.62	Sept. 7	47.32	June 29	50.37
Sept. 12	44.54	Oct. 23	49.06	Nov. 7	48.27	Aug. 30	50.20
Oct. 17	44.02	Jan. 8, 1964	49.55	Jan. 8, 1968	49.21	Nov. 2	50.08
Dec. 6	44.56	Mar. 5	47.76	Mar. 5	50.12	Jan. 5, 1972	49.20
Jan. 9, 1961	44.94	May 5	49.43	May 2	51.54	Mar. 2	49.07
Feb. 27	45.04	July 9	50.30	July 8	50.52	May 3	48.72
Apr. 5	45.32	Sept. 18	46.91	Sept. 19	51.48	July 6	47.46
May 16	45.67	Nov. 4	45.90	Oct. 30	51.48	Sept. 1	46.85
July 13	46.43	Jan. 7, 1965	46.11	Nov. 5	51.30	Oct. 30	47.18
Aug. 14	45.80	Mar. 2	45.84	Jan. 2, 1969	51.58	Jan. 2, 1973	47.17
Sept. 27	44.72	May 4	46.15	Mar. 5	51.89	Mar. 5	47.12
Nov. 20	45.50	July 9	46.73	May 6	52.09	May 2	46.20
Jan. 8, 1962	46.06	Sept. 2	45.27	June 30	53.16	July 3	46.88
Feb. 13	46.50	Nov. 2	45.29	Sept. 2	52.67	Aug. 31	45.71
Mar. 28	47.24	Jan. 6, 1966	45.65	Nov. 7	51.39	Oct. 30	46.14
May 8	47.72	Mar. 11	45.27	Jan. 6, 1970	50.54		

294807082020903. Local number 948-202-8. U.S. Geol. Survey. Drilled test artesian well in Floridan aquifer, diam 6 in (15 cm), depth 250 ft (76 m), cased to 193 ft (59 m). Lsd 145.16 ft (44.24 m) above msl. MP top of coupling, 2.00 ft (0.61 m) above lsd. Highest water level 53.66 ft (16.36 m) below lsd, Oct. 31, 1960; lowest 61.52 ft (18.75 m) below lsd, July 19, 20, 1969. Records available: 1960-73. Recording gage installed Aug. 29, 1960. Apr. 25, 1960, 55.68; June 30, 55.73; July 18, 55.59; July 29, 55.32; Aug. 22, 54.80.

## Highest water level for the day, from recorder graph, 1960

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	54.74	53.90	53.76	54.15
10	.....	.....	.....	.....	.....	.....	.....	.....	54.48	53.73	53.88	54.18
15	.....	.....	.....	.....	.....	.....	.....	.....	54.34	53.72	53.94	54.04
20	.....	.....	.....	.....	.....	.....	.....	.....	54.20	53.78	53.94	54.30
25	.....	.....	.....	.....	.....	.....	.....	.....	54.09	53.87	53.95	54.43
Eom	.....	.....	.....	.....	.....	.....	.....	54.80	53.95	53.66	54.01	.....
1961												
5	.....	54.65	54.57	54.92	55.21	55.76	55.85	55.64	54.84	54.91	55.33	55.60
10	54.60	54.51	54.67	54.80	55.02	55.75	55.84	55.70	54.85	54.97	55.34	55.70
15	54.39	54.60	54.65	54.78	55.22	55.80	55.86	55.60	54.75	54.95	55.42	55.82
20	54.51	54.58	54.71	55.00	55.37	55.75	55.72	55.40	54.72	54.98	55.45	55.80
25	54.73	54.35	54.84	55.95	55.49	55.94	55.18	55.09	54.75	55.24	55.55	55.93
Eom	54.72	54.50	54.66	55.17	55.66	55.86	55.66	55.08	54.84	55.24	55.60	55.98
1962												
5	56.10	56.26	56.57	57.16	57.56	58.15	58.01	58.00	57.99	57.87	58.25	58.43
10	56.12	56.24	56.78	57.21	57.68	58.21	58.10	57.93	57.92	57.89	58.31	58.63
15	56.10	56.48	56.84	57.19	57.87	58.13	58.16	58.16	57.96	57.96	58.44	58.65
20	56.21	56.58	56.90	57.30	57.99	58.05	58.18	58.09	57.93	58.10	58.42	58.79
25	56.26	56.69	56.81	57.51	58.11	58.05	58.21	57.94	57.86	58.16	58.50	58.74
Eom	56.28	56.67	57.05	57.45	58.15	58.03	58.07	58.05	57.91	57.96	58.43	58.84

294807082020903--Continued.

1963												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	58.90	58.77	58.49	58.75	59.33	59.75	59.30	58.80	.....	58.11	57.93	58.14
10	58.93	58.84	58.52	58.72	59.48	59.75	59.10	58.71	.....	58.02	57.85	58.30
15	59.06	58.90	58.52	58.98	59.61	59.95	59.07	58.73	58.46	58.05	58.20	58.35
20	58.89	58.78	58.40	59.11	59.72	60.01	58.96	58.64	58.25	57.97	58.19	58.31
25	59.07	58.70	58.66	59.27	59.70	59.72	58.95	.....	58.17	57.92	58.10	58.41
Eom	59.01	58.72	58.75	59.27	59.62	59.58	58.95	.....	58.04	58.12	58.10	.....
1964												
5	.....	57.45	56.70	60.08	60.21	59.83	60.03	59.32	58.43	56.08	56.40	56.52
10	58.53	57.51	56.63	60.41	60.09	59.80	60.30	59.21	57.70	56.30	56.46	56.62
15	58.43	57.20	56.72	60.54	60.00	59.89	60.40	59.10	e57.4	56.01	56.63	56.67
20	58.12	57.17	56.62	60.67	59.92	59.95	60.00	58.93	56.78	56.28	56.50	56.69
25	58.11	56.92	56.64	60.50	59.80	60.01	59.80	58.59	56.60	56.39	56.44	56.55
Eom	57.85	57.06	59.30	60.31	59.80	60.08	59.57	58.45	56.36	56.41	56.51	56.55
1965												
5	56.50	56.85	56.14	56.20	56.72	58.18	57.27	56.30	55.55	55.44	55.69	55.93
10	56.46	56.70	56.28	56.20	56.85	58.18	57.15	56.01	55.64	55.36	55.68	56.15
15	56.46	56.68	56.21	56.26	57.09	57.83	57.00	55.78	55.61	55.42	55.77	56.00
20	56.65	56.54	56.13	56.41	57.26	57.73	56.96	55.72	55.65	55.38	55.81	55.80
25	56.60	56.30	56.13	56.44	57.71	57.60	56.82	55.58	55.62	55.60	55.86	55.89
Eom	56.50	56.41	56.08	56.63	58.00	57.48	56.44	55.59	55.50	55.59	55.93	56.08
1966												
5	55.92	56.21	55.22	55.00	55.69	55.77	55.58	55.91	55.45	55.00	55.10	55.83
10	56.09	56.16	55.34	55.12	55.41	55.41	.....	55.82	55.32	54.86	55.12	55.89
15	55.86	56.11	55.00	55.23	55.57	55.70	55.80	55.67	55.31	54.90	55.28	56.14
20	56.16	55.98	55.09	55.42	55.62	55.64	55.82	55.59	55.42	55.04	55.41	56.02
25	56.00	55.73	55.14	55.47	55.45	55.83	55.84	55.34	55.42	54.90	55.50	56.30
Eom	56.19	55.48	54.96	55.62	55.54	55.62	55.89	55.32	55.11	54.88	55.60	56.29
1967												
5	56.34	56.44	56.10	56.79	57.34	57.81	57.66	57.44	e56.7	57.08	57.77	58.46
10	56.30	56.44	56.22	56.77	57.32	57.82	57.61	e57.4	56.66	57.03	57.86	58.31
15	56.26	56.25	56.24	57.01	57.48	57.91	57.50	57.30	56.69	57.23	57.96	58.27
20	56.53	56.03	56.46	57.17	57.74	57.88	57.63	e57.2	56.80	57.34	58.15	58.43
25	56.48	56.22	56.50	57.12	57.59	57.79	57.56	57.17	56.93	57.32	58.04	58.40
Eom	56.52	56.03	56.66	57.40	57.79	57.69	e57.5	56.82	56.98	57.61	58.21	58.29
1968												
5	58.42	58.89	59.38	59.79	60.63	61.04	61.02	.....	.....	59.72	59.28	59.60
10	58.38	58.92	59.32	59.85	60.87	61.12	61.00	.....	.....	59.58	59.28	59.72
15	58.49	59.08	59.58	59.98	60.86	61.08	61.02	.....	59.69	59.58	59.43	59.60
20	58.69	59.05	59.40	60.28	61.11	60.92	61.03	.....	59.61	59.38	59.53	59.66
25	58.61	59.26	59.55	60.50	61.20	61.09	61.03	.....	59.55	59.37	59.45	59.79
Eom	58.91	59.05	59.73	60.64	61.23	61.22	61.10	.....	59.72	59.44	59.58	59.82
1969												
5	59.85	60.17	60.00	59.71	60.22	60.80	61.43	61.29	60.53	59.85	59.17	59.18
10	59.71	60.09	59.95	59.63	60.47	60.78	61.33	61.20	60.48	59.54	59.07	58.83
15	59.90	59.87	60.08	59.80	60.52	60.80	61.49	61.15	60.57	59.42	59.09	58.91
20	59.77	60.05	59.85	59.86	60.53	61.00	61.52	61.02	60.60	59.48	59.03	58.91
25	60.01	60.01	59.63	59.97	60.66	61.09	61.38	60.80	60.37	59.46	59.10	58.72
Eom	60.10	60.00	59.72	60.06	60.67	61.32	61.48	60.70	60.10	59.14	59.05	58.77
1970												
5	58.80	57.80	56.75	55.98	55.95	56.40	56.50	56.80	56.10	56.32	56.99	57.61
10	58.61	57.28	56.72	55.86	56.20	56.50	56.54	56.53	56.10	56.35	57.03	57.75
15	58.26	57.26	56.79	55.72	56.30	56.58	.....	56.50	56.02	56.39	57.18	57.82
20	58.26	57.12	56.67	55.64	56.44	56.72	56.70	56.35	56.02	56.52	57.30	57.92
25	58.23	56.56	56.63	55.72	56.26	56.63	56.75	56.24	56.11	56.63	57.56	57.79
Eom	58.29	56.87	56.41	55.78	56.35	56.63	56.61	56.27	56.13	56.82	57.61	57.85
1971												
5	58.00	58.22	58.23	58.19	58.78	59.67	59.95	60.05	59.82	59.68	59.67	59.74
10	57.97	58.34	58.08	58.45	58.86	59.60	59.95	60.09	59.59	59.55	59.67	59.59
15	58.05	58.21	58.17	58.37	58.90	59.70	59.98	59.98	59.60	59.60	59.78	59.57
20	58.26	58.11	58.25	58.44	59.06	59.77	59.98	59.91	59.52	59.55	59.70	59.56
25	58.20	58.09	58.30	58.46	59.22	59.90	59.92	59.86	59.53	59.52	59.90	59.50
Eom	58.20	58.10	58.35	58.57	59.38	59.97	60.03	59.80	59.52	59.60	59.77	59.29
1972												
5	59.20	58.94	58.34	58.24	58.58	58.15	57.42	57.88	56.92	57.01	57.52	57.45
10	59.18	58.73	58.45	58.28	58.43	58.19	57.36	58.00	56.96	57.33	57.44	57.52
15	59.15	58.50	58.33	58.20	58.41	58.23	57.40	58.10	56.90	57.31	57.40	57.36
20	59.06	58.55	58.44	58.30	58.36	57.83	57.31	58.00	56.90	57.45	57.46	57.42
25	59.02	58.38	58.38	58.16	58.41	57.63	57.40	57.82	57.02	57.45	57.30	57.38
Eom	58.83	58.40	58.15	58.45	58.12	57.48	57.69	57.15	56.90	57.55	57.36	57.32
1973												
5	57.35	57.11	57.10	56.29	56.23	56.65	56.10	55.69	55.70	55.55	55.94	57.11
10	57.30	56.72	56.96	56.17	56.22	56.72	55.82	55.58	55.70	55.60	56.10	57.18
15	57.35	56.79	56.92	56.20	56.39	56.63	55.85	55.71	55.72	55.71	56.13	57.20
20	57.32	56.85	56.90	56.14	56.60	56.53	55.75	55.66	55.79	55.66	56.45	57.05
25	57.40	56.99	56.75	56.09	56.48	56.10	55.90	55.66	55.71	55.70	56.78	57.25
Eom	57.30	56.98	56.69	56.20	56.50	56.03	55.71	55.67	55.59	55.76	57.15	57.15

e Estimated.

295207081474901. Local number 952-147-2. U.S. Geol. Survey. Drilled test artesian well in Floridan aquifer, diam 4 to 3 in (10 to 7.6 cm), depth 319 ft (97 m), cased to 290 ft (88 m). Lsd 99 ft (30 m) above msl. MP top of casing, 2.55 ft (0.78 m) above lsd. Highest water level 14.15 ft (4.31 m) below lsd, Aug. 31, 1973; lowest 21.59 ft (7.50 m) below lsd, May 3, 1968. Records available: 1960, 1967-73. No measurement made in 1961-66

295207081474901--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 28, 1960	14.25	May 3, 1968	24.59	Jan. 7, 1970	19.13	May 9, 1972	16.30
May 3, 1967	22.50	Jan. 14, 1969	22.19	May 9	17.53	May 2, 1973	14.41
July 7	22.99	May 13	23.28	May 4, 1971	18.73	Aug. 31	14.15
Jan. 9, 1968	22.67						

Collier County

261008080523001. Local number C54. U.S. Geol. Survey. Driven observation water-table well in sandstone of Pleistocene age, diam 6 in (15 cm), depth 9 ft (3 m), cased to 8 ft (2 m), gravel-packed 8-9 ft (2-3 m). Lsd 12.86 ft (3.92 m) above msl. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 13.81 ft (4.21 m) above msl, Oct. 9, 1953; lowest 7.81 ft (2.38 m) above msl, June 13, 1962. Records available: 1951-73.

## Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+11.97	+10.72	+10.65	+10.89	+10.71	+12.72	+13.19	+12.82	+12.64	+12.52	+13.08	+12.43
10	12.53	10.64	11.96	11.02	10.46	12.66	13.10	13.04	12.84	12.80	12.99	12.90
15	11.34	11.91	11.49	10.69	12.65	12.44	12.97	12.95	12.80	12.10	12.97	12.35
20	11.42	11.04	11.26	10.54	11.58	13.05	12.95	12.73	12.77	12.67	12.89	12.22
25	11.07	10.85	11.03	10.39	11.27	13.19	12.87	12.98	12.75	12.87	12.77	12.10
Eom	10.87	10.73	11.09	10.81	11.14	13.11	12.88	12.96	12.65	13.17	12.67	11.96

1970

5	+11.95	+12.11	+12.50	+12.65	+11.10	+12.87	+12.92	+11.83	+12.83	+12.42	+11.29	+10.73
10	11.80	12.15	12.61	12.58	10.78	11.90	12.77	11.58	12.82	12.23	11.16	10.64
15	12.88	11.88	12.56	12.42	10.46	11.90	12.31	12.09	12.46	11.86	11.43	10.51
20	12.14	11.91	12.40	12.20	10.25	12.62	12.27	11.63	12.00	12.80	11.10	10.46
25	11.91	11.76	13.01	11.90	12.56	12.89	12.38	12.63	12.50	12.06	10.88	10.38
Eom	11.62	11.50	12.76	11.51	12.03	12.12	12.00	11.99	12.89	11.64	10.86	10.36

1971

5	.....	+10.26	+10.67	.....	.....	.....	+12.00	.....	.....	.....	+12.46	+10.95
10	+10.27	10.39	.....	.....	.....	+12.88	12.63	.....	.....	+12.02	11.85	10.85
15	10.24	10.47	.....	.....	+11.45	11.59	11.40	.....	.....	12.24	11.51	10.72
20	10.66	10.30	.....	.....	.....	11.36	12.74	.....	.....	12.57	11.28	10.58
25	10.54	10.17	.....	.....	+9.07	11.71	11.21	12.28	.....	11.85	11.04	11.32
Eom	10.30	10.95	.....	.....	.....	11.59	.....	.....	.....	12.12	10.95	10.97

1972

5	+10.89	+11.14	+10.56	+11.04	+10.12	+12.68	+12.41	+10.98	+12.36	+12.86	+11.04	+10.94
10	10.66	11.00	10.46	10.86	10.67	12.77	12.90	10.67	12.47	11.75	10.95	10.79
15	10.57	11.07	10.28	10.46	12.68	12.18	12.79	12.81	12.39	11.67	12.00	10.72
20	10.61	10.90	10.32	10.29	12.68	12.55	12.34	12.94	11.48	11.78	11.23	10.50
25	10.84	10.69	10.13	10.23	11.74	11.74	11.73	12.64	12.59	11.24	11.09	11.09
Eom	10.52	10.55	12.16	10.39	11.14	11.55	11.22	12.88	11.68	11.14	11.09	10.59

1973

5	+10.54	+10.80	.....	+10.44	+9.32	+8.88	.....	.....	.....	.....	+10.87	+10.09
10	10.44	10.71	.....	10.37	9.19	11.05	.....	.....	.....	.....	10.57	10.45
15	10.85	10.70	.....	9.31	9.43	11.20	.....	.....	.....	.....	10.57	10.38
20	10.58	e10.63	+10.41	9.73	9.25	.....	.....	.....	.....	.....	10.33	10.77
25	10.56	.....	10.23	9.53	9.15	.....	.....	.....	.....	+10.75	10.28	10.75
Eom	10.54	.....	10.74	9.42	8.99	.....	.....	.....	.....	10.62	10.18	10.58

e Estimated.

262521081161901. Local number C131. U.S. Geol. Survey. On Florida Highway 846, 8 mi (13 km) east of Immokalee. Drilled observation water-table well in limestone of Tami Formation of Miocene age, diam 6 in (15 cm), depth 54 ft (16 m), cased to 22 ft (7 m). Lsd 26.60 ft (8.11 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 26.72 ft (8.14 m) above msl, Oct. 9, 1953; lowest 20.47 ft (6.24 m) above msl, Mar. 22, 1962. Records available: 1952-73.

## Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	+23.75	+23.75	+24.16	+23.36	+22.55	+25.84	+25.97	+25.49	+26.16	+25.92	+25.35
10	+24.46	23.63	25.30	25.45	23.28	23.35	25.42	25.60	25.73	25.80	.....	26.12
15	24.27	24.67	24.67	24.80	23.34	24.35	25.18	26.23	25.80	25.55	.....	25.75
20	24.94	24.35	24.65	24.35	23.08	e24.55	25.45	25.96	25.68	25.97	.....	25.60
25	24.44	24.00	24.23	25.29	23.27	.....	25.49	26.00	25.89	.....	.....	25.46
Eom	23.30	23.68	24.54	23.62	22.45	.....	26.06	25.63	25.96	26.26	25.60	25.30

1970

5	.....	+25.66	+25.21	+26.00	+24.11	+26.01	+25.46	+25.59	+25.41	+25.91	+25.22	e+23.80
10	.....	25.46	25.94	25.77	23.57	25.91	26.14	25.42	25.08	25.75	24.85	e23.70
15	+25.87	25.28	26.09	25.55	23.00	25.57	25.76	25.98	25.14	25.41	24.66	23.59
20	25.61	25.28	25.95	25.29	23.27	25.28	25.40	26.11	25.46	25.46	24.55	23.61
25	25.36	25.08	26.42	24.88	24.33	26.20	25.98	25.98	e25.04	24.98	e24.06	23.31
Eom	25.76	24.23	26.18	23.97	24.61	25.45	25.99	25.74	25.92	25.76	e23.95	23.17

1971

5	+23.02	+22.50	+22.32	e+21.75	+21.15	+22.45	e+23.44	+e23.75	+25.22	+25.08	+25.42	+24.03
10	22.95	23.08	22.14	e21.60	21.06	22.37	e23.37	e24.00	25.55	25.32	24.91	23.82
15	22.84	e23.00	22.05	e21.50	22.81	22.97	e24.70	e24.70	26.11	25.46	24.55	23.61
20	e23.18	22.70	e22.00	e21.45	22.74	e23.25	22.91	25.13	25.89	25.20	24.29	23.44
25	e23.37	22.63	e21.92	21.36	23.32	e23.50	23.20	24.82	25.78	25.25	24.01	23.53
Eom	22.62	22.54	e21.80	21.24	22.80	e23.48	23.96	24.95	25.41	25.01	24.42	23.22

262521081161901--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+23.19	+24.04	+23.83	+24.68	+22.63	.....	.....	.....	.....	.....	+22.45	+23.67
10	23.00	24.11	23.71	24.24	22.41	.....	.....	.....	.....	.....	22.40	23.43
15	22.85	23.66	23.26	23.81	23.09	.....	.....	.....	.....	.....	24.27	23.24
20	23.73	23.55	23.36	23.45	22.93	.....	.....	.....	.....	.....	24.42	23.05
25	23.50	23.27	22.94	.....	22.58	.....	+24.95	.....	.....	.....	24.16	23.62
Eom	23.77	23.12	25.02	.....	22.15	.....	.....	.....	.....	.....	24.03	23.33
1973												
5	+23.14	+23.62	+22.86	+22.29	+21.25	+20.75	+24.11	+25.41	+25.70	+25.10	+24.72	+23.10
10	23.33	23.82	22.91	22.05	21.33	20.87	24.37	25.31	25.42	25.67	24.49	23.68
15	23.55	23.56	22.63	21.90	21.19	22.67	24.80	24.99	.....	25.16	24.30	23.35
20	23.34	23.66	22.44	21.72	21.05	23.39	24.63	25.46	.....	24.90	24.13	24.20
25	23.47	23.31	22.34	21.57	20.87	24.25	24.52	25.40	.....	24.40	24.98	23.88
Eom	23.68	23.13	22.61	21.49	20.81	24.15	24.82	25.73	.....	24.07	24.78	23.62
e Estimated.												

e Estimated.

Columbia County

301031082381001. Local number 9. Lake City. Drilled unused artesian well in Floridan aquifer, diam 12 in (30 cm), reported depth 836 ft (255 m), cased to 680 ft (207 m). Lsd 143.64 ft (43.78 m) above msl. MP top of casing, at lsd. Highest water level 79.53 ft (24.24 m) below lsd, June 4, 1948; lowest 97.20 ft (29.63 m) below lsd, Jan. 19, 1957. Records available: 1942, 1948-73.

Highest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	95.39	95.63	95.55	95.12	94.92	94.94	95.22	95.11	94.91	94.40	93.99	93.91
10	95.26	95.60	95.47	95.10	94.94	94.93	95.14	95.08	94.83	94.32	93.90	93.38
15	95.58	95.24	95.65	95.08	94.92	94.88	95.17	95.10	94.84	94.21	94.00	93.69
20	95.33	95.61	95.47	94.94	94.94	94.99	95.19	95.01	94.73	94.23	94.06	93.63
25	95.48	95.52	95.15	94.98	94.92	95.07	95.11	94.90	94.52	94.23	94.09	93.28
Eom	95.57	95.45	95.39	94.88	94.88	95.18	95.17	94.98	94.39	93.93	93.89	93.34
1970												
5	93.41	92.89	91.64	90.96	89.95	89.59	89.98	90.54	90.21	89.61	89.89	.....
10	93.38	92.55	91.59	90.90	89.84	89.67	90.10	90.47	90.07	89.53	89.90	.....
15	93.10	92.40	91.62	90.70	89.73	89.78	90.29	90.53	89.95	89.54	89.98	.....
20	92.98	92.32	91.51	90.37	89.71	89.83	90.33	90.50	89.80	89.63	90.14	.....
25	92.94	91.78	91.35	90.28	89.47	89.93	90.48	90.38	89.72	89.55	90.43	.....
Eom	93.06	92.15	91.13	90.10	89.61	90.01	90.43	90.41	89.53	89.78	.....	.....
1971												
5	.....	.....	92.21	92.31	92.90	93.34	93.67	93.88	93.59	92.91	92.93	93.17
10	.....	.....	92.07	92.64	92.92	93.20	93.77	93.90	93.27	92.68	92.94	93.18
15	91.33	.....	92.13	92.58	92.94	93.22	93.75	93.79	93.23	92.79	93.04	93.27
20	91.57	.....	92.25	92.51	93.05	93.43	93.84	93.91	93.20	92.77	92.89	93.24
25	.....	.....	92.26	92.59	93.19	93.53	93.88	93.80	93.12	92.69	93.18	93.41
Eom	.....	.....	92.42	92.62	93.18	93.63	93.98	93.70	92.93	92.77	93.01	93.29
1972												
5	93.27	93.13	91.80	91.18	91.13	91.39	91.44	91.03	91.00	91.45	91.96	92.38
10	93.27	92.89	91.85	91.20	90.99	91.38	91.36	91.13	91.21	91.60	92.03	92.54
15	93.29	92.51	91.44	91.04	91.05	91.59	91.31	91.12	91.22	91.68	92.03	92.40
20	93.28	92.53	91.48	91.04	91.02	91.19	91.22	91.07	91.31	91.77	92.18	92.54
25	93.20	92.13	91.12	90.91	91.13	91.27	91.05	91.06	91.44	91.82	91.97	92.60
Eom	93.00	92.00	90.83	91.12	91.20	91.43	91.13	91.03	91.26	91.93	92.20	92.72
1973												
5	92.80	93.00	92.39	91.20	.....	.....	h89.17	.....	h88.08	88.59	89.33	90.00
10	92.84	92.54	92.26	91.17	h89.29	.....	.....	.....	88.04	88.75	89.59	90.19
15	92.94	92.65	92.09	91.11	h88.98	.....	.....	.....	88.15	88.87	89.58	90.17
20	92.83	92.73	91.80	.....	e88.9	.....	.....	.....	88.31	88.93	89.71	90.16
25	93.00	92.67	91.54	.....	.....	.....	.....	.....	88.36	89.03	89.78	90.50
Eom	93.02	92.64	91.48	.....	.....	.....	.....	.....	88.51	88.95	90.17	90.55

e Estimated.

h Tape measurement.

Dade County

254444080144801. Local number F179. City of Miami. Southwest 24th Ter. and 32nd Ave. Drilled unused water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 77 ft (23 m), casing information not available. Lsd 8.77 ft (2.67 m) above msl. MP top of casing, 2.40 ft (0.73 m) above lsd. Highest water level 7.21 ft (2.20 m) above msl, Oct. 14, 1947; lowest 0.69 ft (0.21 m) above msl, Mar. 18, 1955. Records available: 1939-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+1.62	+1.79	+1.76	+1.42	....	....	+3.07	+2.58	+2.07	+2.53	+3.58	+2.12
10	1.54	1.70	1.69	1.53	....	....	2.58	....	....	2.50	3.72	2.00
15	2.18	2.10	1.62	1.62	+2.72	....	3.16	....	....	2.68	3.25	1.90
20	2.32	1.96	1.55	1.47	2.60	....	2.33	....	....	....	2.75	1.76
25	2.33	1.90	1.47	1.58	2.34	+3.30	2.85	....	2.62	....	2.35	1.66
Eom	2.05	1.83	1.43	1.95	....	2.80	2.85	2.08	2.61	4.90	2.25	1.36

25444408014801--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+1.49	+1.62	+1.48	+1.43	+1.27	....	+2.15	+1.83	+1.94	+2.81	+2.35	+1.89
10	1.41	1.62	1.66	1.42	1.35	....	2.22	1.77	1.87	2.71	2.25	1.86
15	1.55	1.57	1.47	1.39	1.35	....	2.00	1.77	2.88	2.63	2.18	1.78
20	1.60	1.45	1.26	1.39	1.41	+2.32	1.84	1.76	2.88	2.56	2.01	1.69
25	1.60	1.37	1.09	1.27	2.52	2.12	1.78	1.77	2.84	2.30	1.88	1.68
Eom	1.57	1.41	1.43	1.18	....	2.01	1.98	1.90	2.72	2.34	1.93	1.68
1971												
5	+1.76	e+1.55	+1.60	+1.60	+1.42	+1.47	+1.72	e+2.00	e+2.58	e+2.65	+3.11	e+2.48
10	1.56	e1.60	1.47	1.39	1.36	e1.60	1.71	e2.48	e3.00	e2.55	3.29	e2.41
15	1.58	e1.60	1.45	e1.40	1.50	e1.83	1.72	e2.53	e2.87	e2.62	3.05	e2.36
20	1.66	e1.60	1.43	e1.43	e1.60	e1.87	1.71	e2.78	e2.76	e3.08	2.77	e2.25
25	1.49	1.53	1.41	e1.73	e1.78	e1.82	1.68	e2.57	e2.65	e2.90	2.67	e2.48
Eom	e1.55	1.65	1.59	1.37	1.49	1.71	e1.75	2.75	2.62	3.36	2.60	2.62
1972												
5	e+2.50	e+1.79	e+1.99	+1.74	e+2.84	+3.58	+2.20	+2.44	+2.51	+2.57	+2.25	+2.53
10	e2.36	e1.88	e1.85	e1.64	e2.40	3.16	2.03	2.27	2.99	2.62	2.38	2.20
15	e2.21	e2.00	e1.71	e1.56	e2.30	3.61	1.96	2.01	2.85	2.51	2.49	2.78
20	e2.09	e2.02	e1.63	e1.50	e2.65	3.54	3.07	1.89	2.60	2.35	2.44	2.61
25	e2.00	e2.85	e1.56	e1.62	e2.51	2.92	2.86	1.99	2.94	2.56	2.28	2.53
Eom	e1.85	1.78	1.74	e1.82	3.10	2.53	2.62	2.66	2.74	2.30	2.10	2.33
1973												
5	+2.19	+2.12	+2.22	+2.19	+1.83	+1.67	+2.54	+2.15	+4.21	+2.98	+2.70	+2.20
10	2.10	2.05	2.17	2.08	1.75	1.91	2.43	2.27	3.56	3.05	2.65	2.10
15	2.58	2.35	2.02	1.92	1.72	1.94	2.32	2.27	3.09	3.20	2.70	2.10
20	2.52	2.35	2.04	1.91	1.68	2.27	2.29	2.48	2.75	3.15	2.60	2.50
25	2.45	2.36	2.03	1.87	1.71	2.61	2.42	3.54	3.17	3.13	2.32	2.25
Eom	2.14	2.31	2.20	1.93	1.70	2.85	2.25	5.55	3.07	2.90	2.30	e2.20

e Estimated.

254217080171801. Local number F319. U.S. Geol. Survey. North First Ave. and Sunset Dr., South Miami. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 17 ft (5 m), cased to 13 ft (4 m). Lsd 11.12 ft (3.39 m) above msl. MP top of casing, 2.69 ft (0.82 m) above lsd. Highest water level 8.86 ft (2.70 m) above msl, Oct. 11, 1947; lowest 0.47 ft (0.14 m) above msl, May 19, 1945. Records available: 1940-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.34	+2.17	+2.37	+2.21	+2.35	+2.61	+3.00	+2.14	+2.10	+2.13	+2.72	+2.48
10	2.29	2.19	2.41	2.50	2.28	2.90	2.65	2.08	2.19	2.15	2.35	2.50
15	2.16	2.69	2.26	2.48	2.95	3.08	2.34	2.35	2.40	2.45	2.60	2.37
20	2.25	2.41	2.23	2.34	2.55	2.53	2.59	2.09	2.32	2.32	2.57	2.29
25	2.23	2.39	2.17	2.43	2.40	2.40	2.37	2.05	2.78	2.24	2.63	2.27
Eom	2.23	2.36	2.20	2.56	2.45	2.60	2.67	2.20	2.65	3.92	2.50	2.25
1970												
5	+2.22	+2.31	+2.18	+2.02	....	+2.72	+2.14	+2.25	+2.15	+2.50	+2.56	+2.20
10	2.16	2.30	2.34	2.02	....	2.27	2.44	2.17	2.10	2.57	2.33	2.16
15	2.38	2.27	2.16	1.86	+1.71	2.27	2.46	2.23	3.13	2.47	2.28	2.12
20	2.31	2.16	2.10	1.81	1.65	2.18	2.45	2.14	2.78	2.44	2.24	2.06
25	2.35	2.10	2.10	1.82	2.93	2.20	2.34	2.14	2.45	2.34	2.22	2.01
Eom	2.25	2.07	2.03	....	3.60	2.12	2.52	2.14	2.43	2.48	2.22	2.05
1971												
5	+1.97	+1.75	+1.70	+1.35	+1.18	+1.55	+2.11	+2.40	+2.52	+2.57	+2.95	+2.39
10	1.84	1.77	1.57	1.24	1.06	1.75	2.51	2.64	3.01	2.47	3.07	2.32
15	1.83	1.75	1.52	1.12	1.13	2.00	2.34	2.64	3.00	2.69	2.88	2.23
20	1.88	1.71	1.48	1.09	1.18	2.02	2.15	2.41	2.60	3.07	2.67	2.16
25	1.80	1.70	1.38	1.12	1.94	2.09	2.25	2.36	2.41	2.91	2.53	2.89
Eom	1.78	1.77	1.45	1.40	1.68	2.10	2.28	2.29	2.42	3.10	2.44	2.59
1972												
5	+2.52	+2.19	+2.50	+2.21	+2.12	+3.20	+2.51	+2.56	+2.54	+2.40	+2.33	+2.30
10	2.48	2.37	2.29	2.24	2.58	2.84	2.45	2.28	2.50	2.48	2.42	2.11
15	2.36	2.40	2.24	2.17	2.50	3.23	2.38	2.17	2.40	2.38	2.45	3.07
20	2.33	2.42	2.20	1.96	2.81	2.83	4.60	2.23	2.31	2.49	2.35	2.57
25	2.33	2.23	2.02	1.87	2.61	2.45	3.00	2.33	2.77	2.48	2.33	2.36
Eom	2.18	2.15	2.08	2.13	2.93	2.48	2.66	2.72	2.51	2.38	2.23	2.24
1973												
5	+2.21	e+2.27	+2.25	+2.21	+1.73	+1.34	+2.32	+2.49	+3.05	+2.67	+2.42	+2.42
10	2.22	e2.24	2.26	2.10	1.66	1.38	2.30	2.58	2.92	2.70	2.47	2.38
15	e2.55	e2.49	2.13	1.92	1.55	1.34	2.23	2.43	2.68	2.85	2.69	2.36
20	e2.46	e2.45	2.14	1.87	1.43	1.52	2.19	2.93	2.60	3.02	2.63	2.92
25	e2.47	2.41	2.12	1.76	1.50	2.18	2.45	3.00	2.87	2.92	2.40	2.40
Eom	2.35	2.39	2.21	1.78	1.41	2.18	2.40	3.45	2.77	2.75	2.45	2.29

e Estimated.

252829080285101. Local number F358. Town of Homestead. Northwest Sixth St. and Second Ave. Drilled unwater-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 54 ft (16 m), casing information not available. Lsd 7.76 ft (2.37 m) above msl. MP top of nail driven into recorder shelf, 2.98 ft (0.91 m) above lsd. Highest water level 8.19 ft (2.50 m) above msl, Oct. 5, 1948; lowest 1.18 ft (0.36 m) below msl, June 13, 1971. Records available: 1940-59, 1962-73.

252829080285101--Continued.

Highest water level for the day, above and below msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.19	+2.18	....	+1.79	+2.14	....	+3.88	+3.73	+3.62	+3.38	+3.55	+2.47
10	2.24	2.07	....	1.87	2.78	....	3.60	3.56	3.87	3.06	3.15	2.42
15	2.34	2.43	....	1.68	1.30	....	3.25	3.82	4.20	2.85	2.99	....
20	2.64	2.36	....	....	1.86	....	3.84	3.80	....	3.15	2.83	....
25	2.66	2.13	+1.87	....	2.10	+3.89	3.63	3.80	4.35	4.10	2.70	....
Eom	2.43	....	2.00	2.33	....	3.89	3.65	3.65	3.84	5.08	2.62	2.09
1970												
5	+1.96	+2.32	+1.96	+1.59	+0.65	+3.03	+3.65	+2.67	+2.27	+3.22	+2.69	+1.69
10	1.95	2.31	2.07	1.46	.48	3.52	3.66	2.74	2.11	3.13	2.44	1.62
15	1.99	2.14	2.05	1.34	.35	3.55	3.41	2.54	2.31	2.77	2.23	1.57
20	2.57	2.22	1.90	1.19	.23	3.35	3.06	2.35	2.35	3.14	2.07	1.49
25	2.32	2.11	1.77	.99	.56	3.41	2.99	2.52	2.81	2.96	1.89	1.39
Eom	2.12	2.10	1.71	.82	2.38	3.46	2.80	2.44	3.17	3.05	1.79	1.29
1971												
5	+1.25	+0.84	+0.58	-0.11	-0.97	-0.50	+2.49	+2.10	e+2.62	+2.38	+3.30	+2.04
10	1.15	.99	.44	.23	1.11	+0.7	2.61	2.34	e3.00	e2.26	3.09	1.88
15	1.02	1.09	.31	.41	1.08	1.16	2.47	e2.30	e3.32	e2.90	2.28	1.76
20	1.05	.96	.26	.57	.46	1.23	2.24	e2.20	e3.11	e2.67	2.48	1.64
25	1.61	.81	+0.9	.69	.34	1.87	2.16	e2.03	e2.78	e2.75	e2.30	e1.87
Eom	.88	.76	.00	.85	.52	2.47	2.12	2.08	2.62	2.78	2.13	1.98
1972												
5	+1.91	+1.55	+1.92	+2.23	e+1.71	+3.82	+2.86	+2.79	+3.37	e+3.40	+2.36	+2.12
10	1.76	1.98	1.79	2.39	e1.75	3.56	3.38	2.56	3.55	e3.08	2.81	2.02
15	1.62	1.88	1.62	2.15	e1.65	4.17	3.66	2.46	3.34	e2.93	2.73	1.97
20	1.52	1.97	1.55	1.83	e3.62	4.47	3.56	2.78	3.00	e2.65	2.58	1.84
25	1.61	1.82	1.39	1.61	e3.35	3.61	3.28	3.11	3.09	e2.80	2.43	1.96
Eom	1.53	1.68	1.80	1.66	2.98	3.15	3.11	3.61	2.98	2.67	2.26	1.80
1973												
5	+1.75	+1.76	e+1.69	+1.18	e+0.33	e+0.08	+2.12	+2.98	+3.85	+3.36	+2.40	+1.66
10	1.67	1.81	e1.64	1.04	e.14	e.13	2.25	3.03	3.47	3.27	2.25	1.74
15	2.09	1.76	e1.57	.89	e.27	e.06	2.37	....	3.24	3.01	2.15	1.63
20	.00	1.79	e1.45	.71	e.38	e.67	2.43	....	3.35	3.22	2.00	2.35
25	1.86	1.73	e1.38	.56	e.45	1.87	3.00	....	3.85	2.75	1.87	2.34
Eom	1.74	1.76	e1.34	.42	.30	2.09	3.01	3.97	3.60	2.56	e1.80	....
e Estimated.												

e Estimated.

254605080205901. Local number G10. U.S. Geol. Survey. Dug and driven observation water-table well in oolitic limestone of Biscayne aquifer, diam 8 in (20 cm), depth 6 ft (2 m), cased to 6 ft (2 m). Lsd 5.64 ft (1.72 m) above msl. MP top of casing, 2.70 ft (0.82 m) above lsd. Highest water level 8.92 ft (2.72 m) above msl, Oct. 13, 1947; lowest 0.53 ft (0.16 m) above msl, June 20, 21, 1945. Records available: 1940-72. Measurement discontinued May 31, 1972.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+3.62	+2.96	+3.17	+3.10	+3.65	+3.93	+3.20	+2.92	+2.80	+3.17	+3.52	+3.06
10	3.36	3.00	3.29	3.63	3.05	3.62	4.23	2.68	2.90	2.92	3.20	3.55
15	3.05	3.49	3.15	3.20	3.82	3.75	3.70	3.96	3.57	2.90	3.05	3.02
20	3.46	2.83	3.13	3.03	3.30	4.70	3.42	3.00	3.55	3.20	3.05	2.92
25	3.21	3.10	3.04	3.00	3.25	3.48	3.00	2.71	3.25	4.12	3.10	2.87
Eom	3.01	3.15	3.15	3.42	3.26	3.66	3.55	2.84	3.37	5.17	3.12	2.89
1970												
5	+2.98	+3.25	+3.06	+3.14	+2.51	+3.69	+3.75	....	+3.09	+3.22	+2.93	+2.89
10	2.86	3.20	3.27	2.98	e2.41	3.42	3.56	+3.87	3.09	3.05	2.82	2.89
15	3.31	3.12	3.06	2.88	e2.38	3.32	....	3.61	3.96	2.89	2.88	2.88
20	3.20	3.19	3.01	2.80	e2.36	3.26	....	3.55	3.37	2.85	2.93	2.84
25	3.25	3.13	2.96	2.69	e3.18	3.20	....	3.92	3.09	2.94	2.87	2.83
Eom	3.21	3.04	2.93	2.58	4.57	2.97	....	3.24	3.08	3.15	2.88	2.79
1971												
5	+2.72	+2.42	+2.31	+1.75	+1.27	+2.17	e+3.70	e+3.60	e+4.34	+3.19	+3.21	+3.18
10	2.73	2.44	2.23	1.66	1.24	2.87	e3.75	e4.10	e4.00	3.09	3.27	3.18
15	2.67	2.41	2.13	1.55	1.60	e3.62	e3.71	e4.12	e3.72	3.38	3.17	3.17
20	2.68	2.40	2.07	1.44	1.90	e3.50	e3.25	e3.64	e3.37	3.51	3.15	3.09
25	2.62	2.40	2.03	1.35	2.04	e3.38	e2.98	e3.28	e3.04	3.53	3.08	3.70
Eom	2.50	2.38	1.86	1.25	2.14	3.36	e3.05	e3.00	e3.02	3.52	3.09	3.78
1972												
5	+3.22	+3.11	+3.29	+3.99	+2.90	....	....	....	....	....	....	....
10	3.20	3.25	3.04	3.00	4.13	....	....	....	....	....	....	....
15	3.08	3.18	2.86	2.89	3.79	....	....	....	....	....	....	....
20	2.96	3.14	2.92	2.74	4.29	....	....	....	....	....	....	....
25	3.03	3.00	2.70	2.60	3.68	....	....	....	....	....	....	....
Eom	2.97	2.99	3.03	3.03	3.73	....	....	....	....	....	....	....
e Estimated												

e Estimated.

254332080200801. Local number G39. U.S. Geol. Survey. Dug observation water-table well in oolitic limestone of Biscayne aquifer, diam 6 in (15 cm), depth 6 ft (2 m), cased to 6 ft (2 m). Lsd 8.08 ft (2.46 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 8.99 ft (2.74 m) above msl, Sept. 21, 1940; lowest 0.52 ft (0.16 m) above msl, May 4-11, 1971. Records available: 1940-43, 1945, 1947, 1949-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.10	+2.40	+2.48	+2.39	+2.68	+2.94	+3.41	+3.11	+2.50	+2.69	+3.58	+2.67
10	2.26	2.35	2.45	2.68	2.60	4.04	3.37	2.78	2.43	2.42	3.08	2.68
15	2.16	2.31	2.43	2.74	2.82	4.02	3.13	3.00	2.82	2.23	2.82	2.67
20	2.45	2.62	2.40	2.75	2.87	4.46	3.08	2.85	2.97	2.20	2.65	2.52
25	2.49	2.51	2.32	2.43	2.82	4.22	2.92	2.47	2.88	2.30	2.55	2.44
Eom	2.44	2.51	2.33	2.60	2.72	3.69	3.10	2.73	2.80	3.62	2.74	2.10

254332080200801--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.26	+2.54	....	+2.14	+1.64	+3.48	+2.30	+2.32	+2.15	+2.59	+2.38	+2.01
10	2.18	2.51	....	2.06	1.61	3.43	2.50	2.28	2.07	2.54	2.25	2.01
15	2.10	2.42	....	1.98	1.49	3.18	2.54	2.25	2.62	2.42	2.13	2.00
20	2.45	2.47	....	1.88	1.43	2.87	2.35	2.14	2.89	2.30	2.13	1.95
25	2.48	....	....	1.83	1.54	2.63	2.37	2.07	2.77	2.24	2.03	1.95
Eom	2.39	....	+2.21	1.74	3.43	2.44	2.29	2.22	2.65	2.45	2.01	1.90
1971												
5	+1.85	+1.62	+1.42	+0.97	+0.52	+1.65	+2.63	+3.10	+3.62	+2.92	+3.25	+2.45
10	1.83	1.57	1.36	.88	.52	2.08	2.92	3.24	4.17	2.75	3.11	2.43
15	1.80	1.57	1.29	.75	.60	2.77	2.89	3.35	4.00	3.10	2.92	2.36
20	1.77	1.53	1.72	.71	.77	2.75	2.65	3.27	3.65	3.10	2.80	2.35
25	1.75	1.49	1.12	.60	1.29	2.68	2.69	3.15	3.30	3.22	2.65	2.85
Eom	1.65	1.49	1.05	.55	.55	2.57	2.75	3.17	3.05	3.33	2.50	2.73
1972												
5	+2.72	+2.28	+2.23	+2.02	+1.91	+3.79	+3.25	+3.63	+3.38	+2.85	+2.74	+2.66
10	2.71	2.32	2.26	2.02	2.26	3.65	2.97	3.29	3.19	2.80	2.99	2.61
15	2.65	2.33	2.25	2.03	2.34	3.77	2.97	3.08	3.09	2.75	3.08	2.63
20	2.59	e2.30	2.20	1.97	2.75	3.83	4.11	2.85	2.91	2.78	3.06	2.71
25	2.55	e2.28	2.16	1.92	2.71	3.68	4.13	2.87	2.84	2.80	2.91	2.68
Eom	2.28	2.27	1.94	1.90	3.62	3.69	3.58	3.31	2.79	2.71	2.76	2.58
1973												
5	+2.38	+2.61	+2.40	+2.11	+1.49	+1.03	+2.70	+3.30	+4.23	+3.74	+3.08	+2.80
10	2.35	2.48	2.28	1.98	1.41	.99	2.58	3.20	4.33	3.50	2.99	2.80
15	2.66	2.43	2.25	1.86	1.34	.88	3.02	3.12	3.94	e3.44	2.97	2.80
20	2.66	2.51	2.16	1.73	1.27	.85	2.93	3.83	3.82	e3.63	2.93	3.08
25	2.53	2.51	2.13	1.61	1.24	1.37	3.13	4.30	4.00	e3.35	e2.86	2.10
Eom	2.63	2.50	2.20	1.52	1.16	1.84	3.40	4.28	4.08	3.19	2.87	3.02

e Estimated.

253902080202501. Local number G553. City of Miami. Drilled test water-table well in limestone of Biscayne aquifer, diam 24 to 18 in (61 to 46 cm), depth 91 ft (28 m), cased to 79 ft (24 m), slotted 36-79 ft (11-24 m). Lsd 12.11 ft (3.69 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 11.06 ft (3.37 m) above msl, Oct. 5, 1948; lowest 0.81 ft (0.25 m) above msl, May 14, 15, 1971. Records available: 1947-73.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.71	+3.10	+3.05	+2.60	+3.51	+4.37	+4.90	+3.86	+3.72	+4.00	+5.25	+3.51
10	2.88	3.00	2.95	3.00	3.29	4.95	4.30	3.66	3.67	3.79	4.42	3.36
15	3.10	3.09	2.84	3.20	4.41	5.26	4.00	4.56	4.30	3.58	4.27	3.20
20	3.15	3.37	2.71	3.08	4.25	4.95	3.88	4.46	4.50	4.02	4.05	3.10
25	3.25	3.29	2.58	2.83	4.00	4.94	3.70	4.06	4.90	6.05	3.64	2.98
Eom	3.22	3.15	2.65	3.52	3.86	4.52	3.80	3.90	4.45	6.95	3.59	2.92
1970												
5	+2.84	+3.20	+2.87	+2.82	+2.05	+4.74	+4.19	+3.57	....	....	+3.61	+3.08
10	2.74	3.22	3.14	2.76	1.97	4.62	5.03	3.34	....	....	3.56	3.01
15	2.85	3.13	3.14	2.69	1.85	4.60	4.66	3.13	....	....	3.41	2.91
20	....	3.16	2.98	2.57	1.75	....	4.19	3.07	....	....	3.34	2.85
25	3.15	3.07	2.88	2.34	1.92	....	4.00	3.17	....	....	3.17	2.76
Eom	3.09	3.02	2.90	2.20	5.19	....	3.80	....	....	+3.61	3.09	2.68
1971												
5	+2.64	+2.51	+2.44	+1.60	+0.96	+1.37	+2.71	+3.34	+3.99	+3.79	+4.30	+3.50
10	2.58	2.52	2.35	1.51	.87	1.47	2.88	3.46	5.16	3.60	4.54	3.34
15	2.51	2.51	2.26	1.40	.81	1.78	3.00	3.90	5.26	4.49	4.29	3.22
20	2.48	2.51	2.18	1.28	.92	1.97	2.95	3.80	4.82	4.26	4.03	3.11
25	2.45	2.50	2.09	1.18	1.24	2.16	2.97	3.59	4.45	4.10	3.85	3.80
Eom	2.44	2.49	1.72	1.10	1.34	2.64	3.00	3.41	4.10	4.21	3.63	3.72
1972												
5	+3.67	+3.04	+3.40	+3.02	+3.19	+5.69	+3.88	+4.39	+5.25	+4.60	+3.54	+3.57
10	3.47	3.15	3.33	3.00	3.39	5.16	3.88	4.00	5.32	4.43	4.01	3.41
15	3.33	3.15	3.17	2.84	e3.86	5.02	3.90	3.65	4.81	4.20	4.09	3.45
20	3.18	3.24	3.06	2.67	e4.15	4.84	5.30	3.39	4.37	3.94	4.05	3.45
25	3.14	3.16	2.91	2.71	e4.44	4.49	5.05	3.94	4.67	3.85	3.89	3.46
Eom	3.04	3.06	2.77	2.96	4.70	4.18	4.49	5.36	4.48	3.63	3.67	3.29
1973												
5	+3.15	+3.71	+3.24	+2.81	+1.98	+1.44	....	+4.34	+5.14	+4.05	+3.65	+3.00
10	3.08	3.55	3.10	2.68	1.87	1.39	....	4.32	4.85	4.24	e3.51	e2.92
15	3.42	3.41	3.00	2.55	1.85	1.32	....	4.15	4.53	e4.40	e3.37	e2.83
20	3.43	3.31	2.90	2.39	1.75	1.44	....	5.03	4.23	e4.20	e2.23	e2.77
25	3.45	3.35	2.85	2.23	1.71	2.44	+3.40	5.05	4.53	e4.05	e3.10	e3.83
Eom	3.73	3.35	2.89	2.11	1.58	2.50	4.10	5.50	4.27	3.87	3.04	3.50

e Estimated.

254000080181001. 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 (15 cm), depth 22 ft (7 m), cased to 4 ft (1 m). Lsd 9.20 ft (2.80 m) above msl. MP top of casing, 3.22 ft (0.98 m) above lsd. Highest water level 9.34 ft (2.85 m) above msl, Sept. 23, 1960; lowest 0.73 ft (0.22 m) above msl, Apr. 30, 1971. Records available: 1960-73.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+1.96	+2.23	+2.33	....	+2.82	+3.23	+3.68	+2.78	+2.70	+2.85	+3.81	+2.73
10	2.28	2.16	2.30	....	2.50	3.63	3.25	2.52	2.70	2.75	3.13	2.62
15	2.45	2.30	2.10	....	3.46	4.09	2.91	3.18	3.11	2.76	3.07	2.49
20	2.40	2.56	2.00	....	3.19	3.89	2.86	....	3.21	2.82	2.91	2.35
25	2.46	2.41	1.92	....	2.95	3.39	2.70	....	4.45	3.07	2.75	2.23
Eom	2.38	2.36	....	+3.00	3.10	3.22	2.75	2.90	3.55	5.23	2.80	1.98

254000080181001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.13	+2.57	+2.19	+2.05	+1.57	+3.46	+3.00	+2.47	+2.25	+2.96	+3.47	+2.25
10	2.08	2.57	2.54	2.01	1.56	3.13	3.16	2.41	2.16	3.02	2.91	2.20
15	2.24	2.45	2.46	1.92	1.46	3.16	2.94	2.46	2.49	2.87	2.64	2.16
20	2.65	2.42	2.23	1.80	1.43	3.06	2.67	2.28	2.73	2.80	2.49	2.09
25	2.53	2.30	2.15	1.74	2.62	2.98	2.60	2.21	2.74	2.74	2.34	1.99
Eom	2.39	2.26	2.13	1.59	4.81	2.98	2.53	2.26	2.84	3.07	2.31	2.03
1971												
5	+1.98	e+1.75	+1.65	+1.12	e+0.65	+1.12	+2.16	+2.48	+2.81	+2.77	e+2.99	+2.66
10	1.87	1.72	1.50	1.02	e.58	1.20	2.44	2.52	3.42	2.62	e2.97	2.57
15	1.83	e1.75	1.41	.89	e.60	1.54	2.52	3.07	3.62	3.25	e2.95	2.36
20	1.85	e1.70	1.33	.78	e1.00	1.57	2.27	2.81	3.26	3.20	e2.88	2.25
25	e1.82	1.68	1.21	.78	1.43	1.70	2.51	2.60	3.04	3.14	e2.82	3.18
Eom	e1.80	1.70	1.23	.73	1.22	2.12	2.39	2.46	2.84	3.00	2.77	2.96
1972												
5	e+2.05	+2.28	+2.39	+2.50	+2.54	+4.45	+2.77	+3.05	+3.01	+2.98	+2.54	+2.49
10	e2.36	2.37	2.51	2.43	2.70	3.62	2.55	2.74	3.10	3.00	2.84	2.42
15	e2.55	2.46	2.40	2.27	2.72	3.58	2.61	2.41	3.14	2.97	2.87	2.53
20	e2.45	2.49	2.27	2.00	3.04	3.44	3.69	2.29	2.93	2.76	2.88	2.64
25	e2.40	2.38	2.16	1.92	3.06	3.16	3.42	2.62	3.00	2.74	2.74	2.65
Eom	2.28	2.22	2.00	2.29	3.38	3.03	3.12	3.16	3.00	2.62	2.64	2.51
1973												
5	+2.35	e+2.55	e+2.53	e+1.95	+1.46	+1.04	+2.30	+2.78	+3.51	+3.20	+2.74	+2.27
10	e2.34	e2.53	e2.44	e1.85	1.36	1.11	2.30	2.85	3.35	3.07	2.60	2.23
15	e2.50	e2.53	e2.36	e1.76	1.20	.99	2.35	2.87	3.17	3.25	2.58	2.20
20	e2.51	e2.60	e2.22	e1.67	1.31	1.17	2.30	2.86	3.08	3.17	2.53	2.21
25	e2.48	2.70	e2.18	1.57	1.19	1.86	2.44	3.55	3.10	3.17	2.43	2.73
Eom	2.57	2.62	2.14	1.54	1.13	2.15	2.59	3.33	3.31	2.97	2.30	2.42

e Estimated.

253937080304001. Local number G596. U.S. Geol. Survey. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 13 ft (4 m), cased to 11 ft (3 m). Lsd 7.70 ft (2.35 m) above msl. MP top of casing, 2.62 ft (0.80 m) above lsd. Highest water level 8.72 ft (2.66 m) above msl, Nov. 2, 1960; lowest 0.98 ft (0.30 m) above msl, May 14, 1971. Records available: 1949-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+5.49	+5.16	+4.75	+4.26	+4.79	+6.80	+6.65	+6.58	+6.93	+6.90	+7.48	+6.38
10	5.34	4.95	4.05	4.60	4.59	....	6.47	7.47	6.35	6.50	7.29	6.23
15	5.57	5.72	4.37	4.46	5.30	....	6.34	6.95	7.02	6.00	7.07	6.16
20	6.27	5.45	4.20	4.21	5.28	....	6.47	6.64	7.01	7.05	6.78	6.07
25	5.75	5.07	4.02	4.13	5.24	4.05	6.61	6.46	6.82	8.15	6.70	5.96
Eom	5.39	4.95	4.60	5.10	5.48	7.02	6.71	7.17	6.80	8.04	6.66	5.67
1970												
5	+5.75	+6.04	+5.41	+5.44	+3.89	....	....	+5.96	+5.59	+5.97	+5.69	+4.60
10	5.62	5.87	5.96	4.89	3.70	....	....	5.87	5.62	5.96	5.50	4.41
15	5.98	5.73	5.60	4.67	3.57	....	....	5.63	5.67	5.95	5.30	4.30
20	6.06	5.82	5.38	4.44	3.43	....	....	5.37	5.77	5.94	5.09	4.16
25	5.93	5.65	5.18	4.20	4.32	....	....	6.36	5.74	5.91	4.93	4.04
Eom	5.79	5.57	5.05	4.02	....	+6.93	+6.30	5.87	5.98	5.92	4.75	3.91
1971												
5	+3.80	+3.16	+2.77	+2.25	+1.17	+1.91	+3.89	+4.62	+5.30	+5.31	e+5.52	e+4.69
10	3.70	3.11	2.67	2.09	1.08	1.91	4.10	4.54	6.18	e5.21	e5.49	4.55
15	3.53	3.07	2.53	1.97	1.25	3.52	4.09	e4.83	6.48	e5.48	e5.24	4.40
20	3.42	3.03	2.49	1.84	1.84	3.53	4.15	e4.75	6.02	e5.34	e5.20	4.25
25	3.37	2.91	2.34	1.68	2.32	3.34	4.47	e4.71	5.73	e5.33	e4.99	4.64
Eom	3.28	2.85	2.37	1.29	....	3.55	4.64	4.68	5.42	5.46	e4.78	4.59
1972												
5	+4.46	+4.05	+3.80	+3.87	+4.24	+6.61	+6.08	+5.76	+6.44	+5.97	+5.26	+5.18
10	4.32	4.51	3.75	3.85	4.37	6.30	6.32	5.60	7.18	5.76	6.08	5.11
15	4.17	4.38	3.65	3.84	4.50	6.17	6.27	5.41	6.36	5.68	6.36	5.03
20	4.09	4.26	3.54	3.60	e4.75	6.66	6.83	5.27	6.26	5.45	5.86	4.98
25	4.09	4.13	3.45	3.35	e5.13	e6.70	6.48	5.78	6.47	5.46	5.64	4.88
Eom	3.99	3.99	3.25	4.02	5.37	e6.48	6.04	6.74	6.12	5.40	5.36	4.65
1973												
5	+4.53	+4.62	+4.02	+3.36	+2.33	+1.58	+3.79	+5.90	+6.41	+6.41	+5.56	+4.31
10	4.39	4.47	4.09	3.16	2.17	1.51	4.19	5.95	6.39	6.39	5.35	4.20
15	5.07	4.27	3.85	2.99	2.04	1.48	4.88	5.92	5.93	5.98	e5.12	4.12
20	4.81	4.22	3.60	2.77	1.90	1.74	4.95	6.02	6.60	5.95	e4.90	4.25
25	4.84	4.14	3.48	2.57	1.75	2.92	5.50	6.25	6.50	5.70	e4.67	4.64
Eom	4.69	4.24	3.61	2.43	1.67	3.52	5.98	6.70	6.15	5.57	4.42	4.46

e Estimated.

252425080320001. Local number G613. U.S. Geol. Survey. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 21 ft (6 m), cased to 18 ft (5 m). Lsd 5.00 ft (1.52 m) above msl. MP top of casing, 4.06 ft (1.24 m) above lsd. Highest water level 6.11 ft (1.86 m) above msl, Sept. 23, 1960; lowest 1.49 ft (0.45 m) below msl, May 14, 1971. Records available: 1950-73.

Highest water level for the day, above and below msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+1.92	+1.92	+1.88	+1.65	+1.79	+3.28	+2.50	+2.66	+2.77	+2.70	+3.08	+2.32
10	1.92	1.88	1.74	1.89	1.50	2.45	2.48	2.47	2.67	....	2.90	2.51
15	1.93	2.09	1.59	1.70	2.08	3.18	2.35	2.65	3.06	....	2.73	2.40
20	1.81	2.03	1.66	1.45	1.95	3.38	2.18	2.35	2.85	....	2.55	2.32
25	1.96	1.97	1.95	1.41	1.87	2.65	2.45	2.54	3.02	....	2.40	2.77
Eom	1.95	1.91	1.85	1.87	1.90	2.50	2.75	2.77	2.73	3.49	2.40	2.22



252425080320001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.11	+2.37	+1.96	+1.56	+0.36	....	....	....	....	....	+2.30	+1.66
10	2.16	2.28	2.23	1.30	.21	....	....	....	....	....	2.14	1.55
15	2.41	2.20	2.09	1.16	+.04	....	....	....	....	....	2.04	1.47
20	2.57	2.24	1.90	.91	-.13	....	....	....	....	....	1.95	1.38
25	2.36	2.11	1.77	.69	+.54	....	....	....	....	....	1.84	1.29
Eom	2.24	2.05	1.67	.55	....	....	....	....	....	+2.42	1.77	1.22
1971												
5	+1.12	+0.68	+0.40	-0.33	-1.26	-0.41	+2.23	+1.98	+2.30	+2.06	+2.52	+1.98
10	1.04	.83	.24	.49	1.40	+.12	2.14	1.99	2.53	2.00	2.47	1.85
15	.94	.38	.13	.64	1.29	1.32	2.00	2.11	2.45	2.41	2.27	1.77
20	1.00	.73	+.04	.79	.60	1.17	1.82	1.94	2.31	2.31	2.15	1.64
25	.95	.64	-.11	.94	.57	1.80	1.72	1.77	2.21	2.26	2.02	2.17
Eom	.77	.57	.20	1.08	.79	2.41	1.74	1.76	2.14	2.24	2.12	1.97
1972												
5	+1.93	+1.40	+1.43	+1.93	+1.65	+2.86	+2.24	+2.24	+2.48	+2.58	+2.21	+2.07
10	1.76	2.08	1.59	2.29	1.64	2.52	2.82	2.14	2.55	2.29	2.46	1.99
15	1.61	1.82	1.38	1.97	1.40	2.70	2.66	2.09	2.47	2.32	2.39	1.89
20	1.45	1.91	1.25	1.70	3.04	2.62	2.84	2.09	2.29	2.22	2.28	1.79
25	1.51	1.72	1.11	1.55	2.35	2.56	2.54	2.57	2.47	2.30	2.32	1.97
Eom	1.41	1.60	.87	1.62	2.29	2.40	2.40	2.72	2.26	2.26	2.16	1.81
1973												
5	+1.76	+1.73	+1.46	+0.95	+0.07	+0.07	+2.5	+2.62	+2.62	+2.57	+2.24	+1.60
10	1.67	1.79	1.39	.92	-.04	-.07	2.32	2.90	2.67	2.45	2.08	1.63
15	2.14	1.78	1.24	.72	+.40	+.20	2.71	2.69	2.56	2.48	2.00	1.55
20	2.03	1.77	1.16	.58	.28	1.16	2.40	2.86	2.58	e2.42	1.97	2.67
25	1.89	1.63	1.12	.39	.63	1.96	2.65	2.85	2.88	e2.37	1.81	2.25
Eom	1.71	1.60	1.08	.17	.17	2.06	2.64	2.77	2.65	e2.30	1.72	2.10

e Estimated.

253258080264301. 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 (15 cm), depth 20 ft (6 m), cased to 18 ft (5 m). Lsd 11.10 ft (3.38 m) above msl. MP top of casing, 3.05 ft (0.93 m) above lsd. Highest water level 10.76 ft (3.28 m) above msl, Sept. 23, 1960; lowest 0.62 ft (0.19 m) below msl, May 14, 1971. Records available: 1950-73.

Highest water level for the day, above and below msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.37	+2.97	+2.60	+2.19	+2.77	+3.16	+4.61	....	....	....	....	+2.96
10	2.56	2.80	2.50	2.38	2.61	4.94	4.18	....	....	....	....	2.70
15	2.84	2.61	2.34	2.36	2.59	6.18	3.75	+4.48	....	....	....	2.42
20	2.96	2.82	2.24	2.19	2.64	....	3.75	....	....	....	....	2.15
25	3.22	2.75	2.10	2.02	2.65	5.66	....	4.35	+4.82	....	+3.40	1.89
Eom	3.19	2.71	2.20	2.76	2.72	4.67	4.48	....	4.47	+7.13	3.20	2.74
1970												
5	+2.64	+2.82	+2.57	+2.26	+1.42	+3.29	+3.95	+3.38	+2.72	+3.42	+3.43	+2.27
10	2.53	2.90	2.65	2.16	1.26	4.17	4.73	3.34	2.60	3.54	3.16	2.13
15	2.51	2.84	2.69	2.06	1.10	4.75	4.38	3.20	2.55	3.41	2.94	2.04
20	2.82	2.79	2.58	1.91	.97	4.29	3.90	3.00	2.64	4.03	2.72	1.97
25	2.88	2.73	2.43	1.76	.95	3.99	3.66	2.79	2.87	4.16	2.55	1.87
Eom	2.79	2.71	2.37	1.57	2.41	3.79	3.58	2.76	3.20	3.70	2.42	1.73
1971												
5	e+1.38	+1.29	+1.14	+0.39	-0.41	+0.05	+2.35	+2.49	e+3.04	+3.08	+3.68	+2.54
10	e1.37	1.27	1.01	.26	.52	.10	2.59	2.44	e4.16	2.88	3.83	2.38
15	e1.36	1.32	.90	.14	.60	.84	2.63	2.68	e4.27	3.37	3.61	2.72
20	e1.35	1.32	.76	+.01	.25	1.44	2.56	2.76	e4.00	3.35	3.28	2.10
25	e1.34	1.26	.64	-.12	-.01	1.70	2.41	2.72	e3.58	3.36	2.97	2.39
Eom	1.32	1.25	.48	-.27	+.08	2.13	2.33	e2.62	3.38	3.29	2.69	2.44
1972												
5	+2.38	+1.97	+2.14	+2.16	+1.93	+4.61	+3.62	+3.67	+3.68	+3.78	+2.90	+2.80
10	2.26	2.02	2.27	2.25	2.05	4.74	3.37	3.34	4.12	3.84	3.12	2.67
15	2.11	2.17	2.16	2.29	2.05	4.49	3.75	3.10	4.20	3.55	3.22	2.55
20	2.00	2.25	2.04	2.16	3.80	4.80	4.80	2.93	3.83	3.29	3.30	2.48
25	1.95	2.24	1.93	1.98	3.78	4.49	4.59	3.42	3.71	3.45	3.15	2.40
Eom	1.96	2.15	1.70	1.77	3.46	4.04	4.04	3.59	3.96	3.00	2.97	2.32
1973												
5	+2.25	+2.31	+2.11	+1.71	+0.78	+0.57	+2.18	+3.53	+5.20	+4.14	+3.05	+2.18
10	2.18	2.28	2.01	1.59	.73	.44	2.49	3.26	4.82	3.89	2.85	2.10
15	2.34	2.20	2.00	1.44	.58	.37	3.37	4.64	4.35	3.92	2.69	2.05
20	2.40	2.16	1.92	1.28	.73	.49	3.44	4.60	4.36	3.73	2.55	1.98
25	2.35	2.14	1.83	1.07	.82	1.38	3.46	5.07	5.10	3.55	2.38	2.54
Eom	2.34	2.14	1.78	.89	.84	1.82	3.48	5.24	4.68	3.30	2.27	2.54

e Estimated.

25453008034001. 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 (15 cm), depth 20 ft (6 m), cased to 11 ft (3 m). Lsd 7.40 ft (2.26 m) above msl. MP top of casing, 2.75 ft (0.84 m) above lsd. Highest water level 9.52 ft (2.90 m) above msl, Nov. 2, 1960; lowest 2.56 ft (0.78 m) above msl, May 2, 1962. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+7.10	+7.03	+6.90	....	....	....	....	....	+7.59	+7.62	....	+7.59
10	7.17	6.99	6.93	....	....	....	....	+7.37	....	7.56	....	7.63
15	....	7.08	6.88	....	....	....	....	7.47	....	7.50	....	7.63
20	....	7.03	6.84	....	....	....	....	7.45	....	....	....	7.58
25	....	6.97	6.80	....	....	....	....	7.37	7.55	....	e+7.60	7.53
Eom	7.06	6.92	6.82	....	....	....	....	7.43	7.57	....	7.63	7.48

254530080344001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+7.52	+7.31	+7.18	+7.12	+6.82	+7.49	+7.32	+7.11	+7.12	+7.27	+7.14	+6.89
10	7.49	7.26	7.24	7.08	6.78	7.31	7.34	7.10	7.09	7.25	7.08	6.86
15	7.44	7.24	7.20	7.02	6.72	7.29	7.35	7.12	7.10	7.23	7.06	6.84
20	7.42	7.25	7.16	6.95	6.68	7.35	7.32	7.04	7.16	7.22	7.03	6.81
25	7.35	7.23	7.17	6.92	6.80	7.40	7.30	7.38	7.27	7.24	6.97	6.79
Eom	7.32	7.22	7.15	6.88	6.89	7.33	7.22	7.22	7.28	7.21	6.92	6.74
1971												
5	+6.71	+6.48	+5.96	+4.92	+3.91	+5.03	+6.24	+6.42	+6.58	+6.55	+6.68	+6.56
10	6.69	6.43	5.84	4.67	3.65	5.76	6.16	6.36	6.61	6.54	e6.63	6.54
15	6.64	6.40	5.75	4.44	5.00	5.98	6.10	6.46	6.70	6.58	e6.61	6.50
20	6.62	6.32	5.58	4.29	5.01	5.85	6.10	6.50	6.64	6.59	e6.59	6.48
25	6.58	6.17	5.33	4.15	4.83	6.10	6.53	6.45	6.57	6.76	6.58	6.57
Eom	6.55	6.12	5.24	3.91	4.56	6.19	6.49	6.43	6.55	6.67	6.56	6.53
1972												
5	+6.51	+6.46	+6.30	+6.23	+5.75	+6.55	+6.64	+6.73	+6.87	+6.85	+6.69	+6.68
10	6.48	6.48	6.26	6.28	6.17	6.59	6.70	6.69	6.83	6.82	6.71	6.63
15	6.48	6.45	6.13	6.16	6.42	6.73	6.73	6.69	6.90	6.78	6.78	6.62
20	6.47	6.40	6.09	6.02	6.52	6.86	6.83	6.66	6.86	6.75	6.77	6.59
25	6.47	6.38	5.91	5.84	6.47	6.77	6.81	6.77	6.92	6.74	6.73	6.62
Eom	6.43	6.35	6.11	5.94	6.55	6.70	6.81	6.89	6.88	6.71	6.70	6.57
1973												
5	+6.52	+6.48	+6.32	+5.74	+4.91	+3.69	+5.84	+6.30	+6.70	+6.67	+6.60	+6.52
10	6.50	6.44	6.23	5.49	4.57	3.92	6.10	e6.33	6.74	6.74	6.55	6.53
15	6.59	6.41	6.15	5.28	4.26	4.46	6.27	e6.31	6.70	6.69	e6.54	6.55
20	6.56	6.41	6.05	5.05	4.11	5.49	6.28	e6.40	6.74	6.65	e6.53	6.59
25	6.49	6.37	6.01	4.76	3.98	5.70	6.30	e6.50	6.75	6.63	e6.52	6.55
Eom	6.44	6.36	5.91	5.34	3.51	5.66	6.32	6.63	6.73	6.62	6.50	6.54

e Estimated.

253920080461601. Local number G620. U.S. Geol. Survey. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 16 ft (5 m), cased to 6 ft (2 m). Lsd 6.13 ft (1.87 m) above msl. MP top of casing, 4.10 ft (1.25 m) above lsd. Highest water level 7.84 ft (2.39 m) above msl, Oct. 25, 1969; lowest 1.86 ft (0.57 m) above msl, May 30, 1965. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+6.01	+6.00	+6.08	+6.55	+6.80	+7.14	+7.33	+7.50	+7.34	+7.63	+7.72	+7.68
10	5.99	6.03	6.11	6.60	6.58	7.33	7.34	7.43	7.28	7.54	7.75	7.67
15	6.09	6.20	6.22	6.59	6.64	7.40	7.29	7.44	7.57	7.45	7.75	7.65
20	6.04	6.19	6.29	6.64	6.65	7.45	7.33	7.32	7.52	7.55	7.75	7.65
25	5.99	6.18	6.43	6.60	6.67	7.46	7.52	7.27	7.67	7.84	7.73	7.55
Eom	5.93	6.09	6.59	6.67	6.69	7.36	7.55	7.40	7.66	7.80	7.72	7.47
1970												
5	+7.49	+7.27	e+7.02	+7.16	+6.91	+6.70	+6.95	+6.81	....	+6.59	+6.47	+6.31
10	7.38	e7.20	e7.11	7.14	6.84	6.87	6.96	....	....	6.62	6.39	6.30
15	7.21	e7.16	7.09	7.12	6.65	6.90	6.97	....	....	6.57	6.35	6.26
20	7.04	e7.12	7.08	7.08	6.47	6.87	6.87	....	....	6.66	6.34	6.23
25	6.89	e7.09	7.11	7.01	6.56	7.14	7.03	....	....	6.67	6.34	6.19
Eom	7.15	e7.06	7.17	6.97	6.51	7.10	6.98	....	....	6.55	6.33	6.12
1971												
5	+6.15	+6.05	+5.87	+5.10	+3.72	+5.75	+5.83	+5.86	+6.19	+6.07	+6.42	+6.30
10	6.14	6.04	5.79	4.76	3.46	5.95	5.88	5.85	6.20	6.11	6.38	6.27
15	6.11	6.03	5.79	4.50	3.69	6.00	5.81	5.99	6.32	6.34	6.34	6.22
20	6.13	6.00	5.71	4.29	5.30	5.81	5.93	6.08	6.26	6.33	6.34	6.16
25	6.11	5.96	5.54	4.02	5.60	5.81	6.14	5.96	6.15	6.47	6.30	6.27
Eom	6.07	5.92	5.38	3.75	5.69	5.81	5.96	5.91	6.10	6.38	6.31	6.25
1972												
5	+6.17	+6.00	+5.80	+5.75	+5.66	+5.99	+6.34	+6.03	+6.28	+6.40	+6.49	+6.51
10	6.08	6.06	5.79	5.81	5.75	6.15	6.47	6.10	6.33	6.28	6.59	6.46
15	6.01	5.94	5.73	5.70	5.69	6.23	6.39	6.12	6.30	6.29	6.67	6.42
20	5.98	5.93	5.72	5.55	5.87	6.26	6.34	6.10	6.28	6.47	6.63	6.37
25	6.02	5.88	5.67	5.31	5.92	6.14	6.26	6.38	6.33	6.48	6.58	6.39
Eom	5.98	5.84	5.72	5.67	5.86	6.15	6.13	6.46	6.32	6.44	6.56	6.36
1973												
5	+6.32	+6.24	+6.01	+5.78	+5.12	+3.72	+5.76	+5.92	+6.25	+6.29	+6.40	+6.11
10	6.26	6.19	5.97	5.68	4.77	4.80	5.90	5.95	6.25	6.35	6.40	6.11
15	6.40	6.19	5.90	5.49	4.45	4.72	5.95	6.06	6.14	6.36	6.35	6.07
20	6.37	6.16	5.85	5.24	4.20	5.77	6.08	6.09	6.15	6.36	6.32	6.11
25	6.34	6.18	5.84	4.91	3.99	5.87	5.94	6.10	6.40	6.35	6.25	6.10
Eom	6.25	6.09	5.82	5.43	3.64	5.80	5.95	6.25	6.35	6.32	6.18	6.10

e Estimated.

255526080143001. Local number S18. Model Dairy. Drilled observation water-table well in limestone of Biscayne aquifer, diam 8 in (20 cm), depth 52 ft (16 m), casing information not available. Lsd 9.12 ft (2.78 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.54 ft (2.30 m) above msl, Oct. 12, 1947; lowest 0.05 ft (0.02 m) above msl, June 3, 1945. Records available: 1939-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.09	+2.00	+1.97	+1.95	+1.97	+2.50	+2.20	....	....	+2.18	+3.31	+1.94
10	2.05	1.95	2.40	2.07	1.94	2.42	....	....	....	2.08	2.60	2.09
15	2.12	2.25	2.13	1.88	2.69	2.75	....	....	....	1.95	2.21	1.98
20	2.20	2.25	2.03	1.86	2.22	2.75	....	....	....	2.23	2.01	1.88
25	2.13	2.04	1.95	1.85	2.09	2.42	....	e+1.90	+2.90	3.15	1.97	1.88
Eom	2.07	1.96	1.97	1.94	2.11	2.07	e2.50	e1.80	2.40	5.07	2.10	1.82

255526080143001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+1.99	+2.38	+1.88	+1.83	+1.70	+2.79	....	+1.78	....	+2.04	+1.95	+1.76
10	1.85	2.11	2.45	1.62	1.70	2.40	....	1.78	....	2.02	1.89	1.77
15	2.18	2.08	2.25	1.52	1.72	2.12	....	1.77	....	1.98	1.84	1.80
20	2.33	2.00	2.11	1.47	2.51	1.97	....	1.70	....	1.96	1.81	1.77
25	2.04	1.93	1.93	1.56	3.25	2.01	....	1.82	....	1.93	1.75	1.74
Eom	2.11	1.97	1.74	1.67	3.89	1.94	+1.78	....	+2.09	1.99	1.75	1.72
1971												
5	+1.74	+1.75	+1.64	+1.36	+1.36	+1.55	+2.03	+1.92	+2.10	+1.90	+2.28	+1.90
10	1.78	1.78	1.57	1.30	1.32	1.78	2.12	1.91	2.90	1.99	2.14	1.82
15	1.75	1.76	1.50	1.19	1.51	2.37	2.01	1.89	2.62	2.24	2.01	1.76
20	1.84	1.72	1.44	1.14	1.75	2.01	1.90	1.87	2.18	2.11	1.85	1.80
25	1.79	1.70	1.36	1.14	1.68	2.13	1.92	1.86	2.01	2.45	1.85	2.45
Eom	1.75	1.69	1.43	1.10	1.57	2.27	1.90	1.91	1.95	2.37	1.84	2.01
1972												
5	+2.01	+2.13	+1.93	+2.58	+1.85	+2.33	+1.84	e+2.34	+2.09	e+2.60	+2.05	+2.04
10	1.90	2.02	1.90	2.13	2.19	2.21	1.93	e2.13	2.22	2.06	2.06	2.01
15	1.89	2.16	1.82	2.03	2.16	2.28	1.93	e1.84	e2.05	2.04	2.20	2.07
20	1.91	2.06	2.02	1.92	2.95	2.29	3.25	e1.79	e1.95	1.99	2.08	2.06
25	1.94	1.97	1.99	1.84	2.44	2.05	2.44	e1.79	e2.16	2.00	2.08	2.12
Eom	1.92	1.89	1.84	1.87	2.52	1.98	e2.65	2.04	e2.00	2.20	2.03	1.99
1973												
5	+2.00	+2.04	+1.91	+1.82	+1.63	+1.87	+2.22	+2.08	+2.45	+2.16	+2.00	+1.95
10	1.97	1.99	1.90	1.72	2.58	1.95	2.02	2.40	2.22	2.28	2.05	e1.93
15	2.21	1.98	1.82	1.62	2.23	1.80	2.60	2.18	2.05	2.17	2.00	e1.90
20	2.16	2.11	1.82	1.53	2.04	2.17	2.22	2.25	2.01	2.09	2.42	e1.99
25	2.10	2.05	1.81	1.46	2.00	2.24	2.87	2.26	2.84	2.04	2.12	e2.12
Eom	1.97	1.96	1.91	1.30	1.94	2.45	2.25	2.98	2.30	2.05	2.05	2.04

e Estimated.

254832080175001. Local number S19. City of Miami. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 95 ft (29 m), cased to 91 ft (28 m). Lsd 7.24 ft (2.21 m) above msl. MP top of casing, 1.08 ft (0.33 m) above lsd. Highest water level 7.63 ft (2.33 m) above msl, Oct. 1, 1947; lowest 1.41 ft (0.43 m) below msl, June 18-21, 1945. Records available: 1939-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+0.19	+0.26	+0.17	+0.63	+1.40	+0.90	+1.50	+1.45	+0.43	+1.13	+2.33	+0.64
10	.44	-1.16	.48	.82	1.19	1.63	.95	1.18	.40	.91	1.80	.90
15	.58	+.51	.50	.91	1.24	1.93	.71	1.48	1.10	.71	1.40	.87
20	.72	.47	.26	.72	1.08	2.73	1.04	1.14	1.38	.85	.84	.75
25	.66	.26	.13	.98	.69	1.80	.80	.83	1.15	....	.75	.58
Eom	.68	.18	.54	1.50	.75	1.21	1.62	.57	1.00	3.17	.74	.46
1970												
5	+0.48	+0.74	+0.14	+0.45	-0.77	+1.92	+2.18	+0.30	+0.32	+1.51	+0.78	+0.36
10	.44	.57	.53	+.22	.87	1.66	2.02	.54	.07	1.59	.69	.29
15	.76	.39	.82	-.05	.90	1.39	1.61	.67	1.73	1.41	.68	.26
20	1.42	.39	.52	.20	-.62	1.58	1.18	.64	1.62	1.22	.61	.21
25	1.22	.24	.16	.47	+.26	2.54	1.05	.55	1.27	1.03	.55	.17
Eom	.94	.15	.11	.68	2.97	1.67	.55	.47	1.41	.91	.56	.09
1971												
5	e+0.21	+0.18	-0.19	-0.59	-0.05	e+0.32	e+2.26	e+0.78	e+1.03	+1.45	e+1.13	+0.50
10	e.13	.27	.30	.63	+.27	e.14	e1.78	e1.00	e1.67	1.42	e1.04	.50
15	e+.07	.36	.15	.94	e1.35	e.73	e1.49	e1.09	e1.79	1.77	e.92	.63
20	e-.01	.39	.15	1.05	e1.26	e1.53	e1.14	e.84	e1.71	1.59	e.76	.65
25	e.08	+.00	.34	1.17	e1.01	e2.23	e.83	e.77	e1.69	1.76	e.62	1.37
Eom	-1.12	-.11	.60	1.07	e.70	2.55	e.65	e.80	e1.51	e1.26	.57	1.05
1972												
5	+1.02	+1.17	e+0.75	+0.83	+0.08	+1.19	+0.36	+0.80	+0.74	+0.91	+0.57	+0.84
10	.92	1.38	e.71	.71	.45	.96	.42	.28	.85	.95	.94	.72
15	.71	1.44	e.66	e.57	.61	2.63	.62	+.03	.87	.61	.94	.98
20	.64	1.40	e.62	e.33	1.81	2.01	.75	-.10	.83	.33	1.10	1.23
25	.48	.91	e.55	e+1.0	1.40	1.12	1.17	+.64	.99	.38	1.01	1.04
Eom	.83	.83	.43	-.01	1.18	.79	1.09	.79	1.09	.44	.88	.71
1973												
5	+0.43	+0.37	+0.50	+0.18	-0.26	-0.39	+1.28	+0.67	+2.41	+0.84	+0.41	-0.22
10	.33	.30	.25	-.02	.20	.04	.78	.72	2.05	.89	.36	.20
15	.62	.46	+.05	.19	.36	-.13	1.13	e.72	1.30	.99	.33	.20
20	.62	.52	-.02	.21	.34	+.28	1.01	e1.00	.95	.92	.17	.20
25	.50	.48	-.06	.30	.28	.97	.88	e1.97	1.16	.88	+.05	.37
Eom	.34	.61	+.19	.05	.16	1.09	.80	2.50	1.08	.63	-.10	e.25

e Estimated.

254857080171101. Local number S68. City of Miami. In center of Parkway, 75 ft (23 m) north-east of Deer Run, Miami Springs. Drilled observation water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 61 ft (19 m), cased to 51 ft (16 m). Lsd 6.45 ft (1.97 m) above msl. MP top of casing, 3.15 ft (0.96 m) above lsd. Highest water level 7.06 ft (2.15 m) above msl, Oct. 12, 1947; lowest 3.67 ft (1.12 m) below msl, May 15, 1970. Records available: 1940-73. Water levels affected by pumping of nearby wells.

254857080171101--Continued.

Lowest water level for the day, above and below msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-1.08	....	-1.25	-1.00	+0.17	-0.80	0.00	+0.62	-0.30	+0.56	....	-0.60
10	.55	....	.63	1.00	-.27	-.03	-.64	.62	-.36	+2.20	+1.07	....
15	....	....	1.05	.87	.14	+.38	.92	.87	+.01	-.63	....	....
20	....	....	1.79	1.07	.35	+.89	-.98	+.50	.48	....	....	....
25	....	-1.21	1.75	-.90	.73	+.50	-.98	....	.28	....	....	....
Eom	.69	1.28	1.25	+2.3	.64	-.31	+7.9	-.08	.30	+1.99	.90	1.38
1970												
5	-1.08	-1.03	....	-1.13	-3.26	....	-0.14	-2.15	-2.29	+0.81	-0.77	-1.57
10	....	.94	....	1.60	3.47	....	.37	1.96	1.95	.23	.87	1.71
15	....	....	....	1.70	3.67	....	.76	1.62	-.56	.29	.76	1.52
20	....	....	....	1.96	3.01	....	.76	1.83	+.48	.38	.94	1.82
25	....	....	....	2.87	2.16	....	1.49	1.99	.07	+0.4	1.41	1.82
Eom	.73	....	-1.52	....	....	-0.16	1.51	1.86	.58	-.04	1.22	1.87
1971												
5	-0.71	-1.51	-1.39	-1.62	-1.46	-0.62	+1.09	-0.40	-0.02	-0.10	+0.20	-1.08
10	.92	.91	1.90	2.60	.85	+.53	1.38	+.27	1.15	+.06	-.05	1.16
15	1.30	.74	1.99	3.23	-.32	1.81	+1.05	+.12	1.84	+.11	-.09	.96
20	1.48	.82	1.83	3.37	+.03	1.24	-.56	-.14	.66	-.16	+.71	.96
25	1.64	1.16	2.37	3.39	-.04	1.56	+.60	.74	.16	-.11	-.93	.32
Eom	1.75	1.17	1.98	2.77	.38	1.68	-.56	.16	.11	+.53	1.07	.42
1972												
5	-0.28	-0.49	-0.49	-0.94	-1.80	+0.16	-1.37	-1.12	-0.81	-0.57	-0.95	-0.83
10	.59	.36	.13	.45	1.45	.09	.97	1.75	+.11	.90	1.04	1.69
15	.98	.49	.66	1.56	-.80	+.45	1.37	2.39	+.19	1.19	.49	-.71
20	1.06	.11	.21	1.54	+.49	-.05	-.43	2.33	-.75	2.04	.65	+.04
25	1.54	.95	1.74	1.66	-.12	.47	+.04	1.33	+.01	1.54	.63	-.56
Eom	1.42	1.25	1.75	1.59	-.11	.94	-.56	.53	-.76	1.40	.78	-.84
1973												
5	-1.84	-1.98	-1.70	-2.12	-2.31	-2.02	-1.05	-1.00	-0.95	-1.19	-1.85	-3.25
10	1.95	1.70	2.45	2.58	1.85	1.53	1.66	.50	.50	1.05	1.92	2.85
15	.88	1.58	2.71	2.52	2.23	1.54	.53	.41	.10	.98	2.31	3.30
20	1.20	1.25	2.68	2.67	1.93	.97	1.15	.87	.95	.90	2.47	3.12
25	1.78	1.08	2.78	3.11	2.22	.69	1.10	.33	.55	1.15	2.33	2.05
Eom	1.87	.42	1.81	2.73	2.47	.90	1.13	.34	.62	1.60	2.70	2.17

253549080214101. Local number S182. International Fruit Co. Drilled unused water-table well in limestone of Biscayne aquifer, diam 6 in (15 cm), depth 51 ft (16 m), casing information not available. Lsd 11.14 ft (3.40 m) above msl. MP top of casing, 3.14 ft (0.96 m) above lsd. Highest water level 10.70 ft (3.26 m) above msl, Sept. 10, 1960; lowest 0.44 ft (0.13 m) below msl, June 20-22, 1945. Records available: 1940-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.10	+2.40	+2.28	+2.08	+2.50	+3.25	+3.12	+2.77	+2.78	+2.73	....	+2.60
10	2.21	2.30	2.23	2.35	2.35	4.20	2.92	2.62	2.70	2.75	....	2.48
15	2.36	2.36	2.14	2.35	2.93	....	2.65	2.95	3.13	2.70	....	2.43
20	2.39	2.44	2.08	2.20	2.77	....	2.62	3.06	3.17	2.80	....	2.48
25	2.45	2.40	2.05	2.19	2.60	3.33	2.67	2.95	3.47	3.45	+2.67	2.38
Eom	2.46	2.37	2.08	2.60	2.61	2.97	2.80	2.80	3.03	5.83	2.77	2.06
1970												
5	....	+2.70	....	....	....	....	....	+2.55	+2.63	+2.96	+2.72	+2.39
10	....	2.70	....	....	....	....	....	2.55	2.49	2.97	2.64	2.43
15	....	2.61	....	....	....	....	....	2.53	2.61	2.80	2.56	2.45
20	....	2.55	....	....	....	....	....	2.49	2.71	2.86	2.51	2.32
25	....	....	....	....	....	....	+2.73	2.55	2.83	2.80	2.49	2.32
Eom	+2.57	....	....	....	....	....	2.67	2.66	2.90	2.78	2.49	2.31
1971												
5	+2.21	+1.90	+1.78	+1.13	+0.48	+0.83	+2.37	+2.43	+2.91	+2.69	+2.99	e+2.52
10	2.14	1.90	1.66	1.00	.36	.97	2.41	2.52	3.98	2.58	3.11	e2.58
15	2.06	1.99	1.53	.90	.39	1.71	2.56	2.91	3.70	2.97	2.88	2.55
20	2.02	1.91	1.46	.74	.61	1.76	2.41	2.71	3.40	2.87	2.75	e2.49
25	1.99	1.82	1.33	.65	.92	2.07	2.40	2.57	3.06	2.77	2.65	e2.60
Eom	1.94	1.83	1.23	.53	.91	2.43	2.40	2.53	2.85	2.82	2.53	2.67
1972												
5	e+2.65	+2.40	+2.52	+2.47	+2.48	+3.69	+5.23	+4.23	+4.22	+3.17	+2.65	+2.63
10	e2.64	2.48	2.58	2.47	e2.50	3.30	4.89	4.36	4.41	3.10	2.93	2.54
15	e2.60	2.48	2.45	2.39	e2.70	2.94	4.40	4.53	4.56	2.95	2.97	2.48
20	e2.59	2.54	2.44	2.23	e2.86	2.99	3.58	4.69	4.84	2.85	2.95	2.47
25	e2.65	2.52	2.38	2.12	e3.01	2.87	3.58	4.47	3.80	2.76	2.87	2.48
Eom	2.48	2.44	2.26	2.32	3.03	2.69	3.91	4.35	4.45	2.67	2.64	2.51
1973												
5	+2.49	+2.66	e+2.42	+2.15	+1.40	+0.93	+2.34	+3.19	+3.44	+3.00	+2.69	+2.36
10	2.43	2.62	e2.00	2.05	1.27	.87	2.49	3.00	3.30	2.89	2.61	2.34
15	2.54	2.56	e1.79	1.91	1.14	.87	2.49	2.94	3.09	2.93	2.54	2.30
20	2.56	2.47	e1.58	1.74	1.12	.95	2.45	3.40	3.09	2.98	2.47	2.40
25	2.49	2.49	e1.41	1.62	1.17	2.13	2.65	3.52	3.45	2.93	2.42	2.39
Eom	2.61	2.46	2.28	1.50	1.07	2.25	2.83	3.62	e3.20	2.78	2.39	2.53

e Estimated.

253029080295601. Local number S196A. University of Florida Experiment Station. Drilled unused water-table well in limestone of Biscayne aquifer, diam 8 in (20 cm), depth 20 ft (6 m), casing information not available. Lsd 10.61 ft (3.23 m) above msl. MP top of nail driven into recorder shelf, 2.80 ft (0.85 m) above lsd. Highest water level 9.58 ft (2.92 m) above msl, Oct. 5, 1933; lowest 1.64 ft (0.50 m) below msl, May 20, 1971. Records available: 1932-73.

253029080295601--Continued.

Highest water level for the day, above and below msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.01	+2.51	+2.11	+1.90	+2.44	+3.82	+4.25	+3.98	e+4.16	+4.20	+4.45	+3.10
10	2.35	2.31	1.95	1.87	2.12	4.05	3.85	3.90	e4.12	3.83	4.01	3.06
15	2.70	2.13	1.80	1.80	2.41	5.38	3.45	4.91	e4.63	3.49	3.08	3.00
20	2.75	2.60	1.77	1.65	2.43	5.98	3.81	4.50	e4.95	3.84	3.55	2.81
25	3.05	2.33	1.60	1.50	2.50	4.78	4.07	4.35	4.82	5.85	3.32	2.62
Eom	2.79	2.21	2.05	2.47	2.88	4.30	3.95	e4.22	4.44	6.08	3.25	2.33
1970												
5	+2.30	e+2.40	+2.25	+1.78	+0.74	+2.75	+3.69	+2.87	+2.34	+3.55	+3.04	+1.76
10	2.24	e2.35	2.46	1.56	.55	4.39	4.23	2.85	2.21	3.47	2.76	1.60
15	2.25	e2.30	2.38	1.40	.36	4.41	3.81	2.67	2.26	3.10	2.50	1.52
20	2.93	2.58	2.18	e1.24	.19	3.90	3.37	1.95	2.35	3.62	2.28	1.42
25	2.69	2.44	2.00	e1.09	.19	3.55	e3.25	2.40	2.73	3.47	2.06	1.34
Eom	e2.50	2.40	1.90	.99	2.35	3.45	3.03	2.49	3.37	3.20	1.90	e1.23
1971												
5	+1.17	+0.78	+0.57	-0.18	-1.03	-0.64	+2.30	+2.10	+2.71	+2.61	e+3.62	+2.17
10	1.11	.85	.42	.32	1.17	-.41	2.51	2.07	3.85	2.39	3.44	2.00
15	1.03	.92	.28	.49	1.25	+7.3	2.40	2.37	4.02	2.97	3.19	1.84
20	.93	.85	.15	.61	1.64	1.15	2.30	2.43	3.71	2.82	2.86	1.69
25	.95	.72	+0.3	.76	.51	1.65	2.11	2.29	3.30	2.97	2.55	2.10
Eom	.87	.70	-.11	.86	.54	2.13	2.01	2.20	2.81	e3.10	2.34	2.07
1972												
5	+1.97	+1.57	+1.65	+2.03	+1.69	+4.41	+3.31	+3.22	+3.79	+4.04	+3.02	+2.77
10	1.81	1.86	1.81	2.15	1.77	4.02	3.27	3.06	3.96	3.90	3.50	2.64
15	1.65	2.02	1.72	2.11	1.66	4.57	3.76	2.86	3.85	3.61	3.39	2.51
20	1.50	2.04	1.56	1.77	4.29	4.72	4.23	2.72	3.44	3.35	3.38	2.39
25	1.58	1.95	1.45	1.53	3.65	4.11	4.05	3.49	3.55	3.32	3.14	2.50
Eom	1.54	1.78	1.20	1.38	3.37	3.61	3.57	3.82	3.47	3.17	2.94	2.36
1973												
5	+2.25	e+2.26	+2.08	+1.59	+0.64	+0.37	+2.58	+3.85	+4.95	+4.30	e+3.14	e+2.20
10	2.18	e2.23	1.98	1.40	.53	.31	3.35	4.58	4.75	4.14	e2.96	e2.12
15	2.59	e2.20	1.91	1.26	.58	.18	4.15	4.49	4.37	4.04	e2.78	e2.03
20	2.56	e2.16	1.79	1.08	.63	.82	3.86	4.60	4.30	3.80	e2.60	e2.50
25	2.40	e2.13	1.73	.89	.65	1.80	3.85	5.23	5.13	3.62	e2.42	e2.88
Eom	2.28	2.20	1.75	.79	.60	2.28	3.87	5.02	4.62	3.22	2.27	2.65
e Estimated.												

e Estimated.

Dixie County

293731083061801. Local number 15. Cross City. Drilled unused artesian well in Floridan aquifer, diam 8 in (20 cm), reported depth 215 ft (66 m), cased to 105 ft (32 m). Lsd 40.17 ft (12.24 m), previously reported 40.18 ft (12.25 m), above msl. MP top of coupling, 0.80 ft (0.24 m) above lsd. Highest water level 0.84 ft (0.26 m) below lsd, Sept. 19, 1959; lowest 9.27 ft (2.83 m) below lsd, June 7, 1962. Records available: 1957-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	8.70	May 6, 1970	4.47	Jan. 11, 1972	6.40	Jan. 10, 1973	6.60
May 5	7.02	Jan. 18, 1971	6.02	Apr. 26	5.30	May 10	5.83
Jan. 6, 1970	3.23	May 10	7.16				

Duval County

301844081403801. Local number 18. C. J. Price. Riverside Ave. and Lomax St., Jacksonville. Drilled domestic artesian well in Floridan aquifer, diam 8 in (20 cm), depth and casing information not available. Lsd 4.48 ft (1.37 m) above msl. MP top of 8-in (20 cm) tee, 1.90 ft (0.58 m) above lsd. Highest water level 43.2 ft (13.2 m) above lsd, Nov. 26, 1938; lowest 18.7 ft (5.7 m) above lsd, Sept. 20, 1972. Records available: 1938, 1940-41, 1946-73. Note: A correction of 0.4 ft should be added to 1968 measurements made on the following dates: Jan. 10 and 19, Feb. 19, Mar. 21, Apr. 17, May 10 and 20, June 20, July 19, Aug. 20, Sept. 19, Oct. 29, Nov. 20 and Dec. 19. Measurement on Nov. 20, 1967 should read 26.9 ft and on Dec. 19, 1967 should read 28.7 ft.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	+28.0	Jan. 20, 1970	+28.1	Jan. 21, 1971	+26.1	Nov. 28, 1972	+25.3
Feb. 23	28.0	Feb. 20	29.6	Feb. 23	26.7	Dec. 20	24.7
Feb. 19	27.1	Mar. 19	28.2	Mar. 23	25.9	Jan. 17, 1973	24.3
Mar. 28	27.1	Apr. 22	26.3	Apr. 20	21.5	Feb. 21	25.9
Apr. 21	26.0	May 12	22.2	May 14	21.7	Mar. 16	23.9
May 9	22.1	May 20	22.3	May 20	21.7	Apr. 23	24.6
June 20	22.3	June 18	24.4	June 24	22.7	May 7	23.8
July 21	22.8	July 20	25.2	July 20	22.3	June 20	26.1
Aug. 19	23.9	Aug. 19	24.7	Jan. 12, 1972	24.7	July 24	26.2
Sept. 19	24.4	Sept. 18	26.1	May 9	24.5	Sept. 20	25.4
Oct. 20	26.2	Oct. 20	27.1	Aug. 23	23.3	Oct. 23	27.6
Nov. 18	27.5	Nov. 19	27.4	Sept. 20	18.7	Nov. 20	25.9
Dec. 22	29.1	Dec. 11	25.9	Oct. 24	23.3	Dec. 21	26.7
Jan. 8, 1970	27.4	23	26.3				

301906081332501. Local number 102. V. A. Stevens. Drilled domestic artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 875 ft (267 m), cased to 400 ft (122 m). Lsd 53.04 ft (16.17 m) above msl. MP top of 1-in (2.5 cm) pipe, 1.00 ft (0.30 m) above lsd. Highest water level 6.68 ft (2.04 m) above lsd, Aug. 13, 1930; lowest 22.09 ft (6.73 m) below lsd, May 8, 1967. Records available: 1930-31, 1934, 1939-42, 1946-73.

301906081332501--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	15.20	Jan. 8, 1970	15.26	May 17, 1971	21.06	Jan. 16, 1973	19.16
May 13	20.10	May 12	20.66	Jan. 14, 1972	17.26	May 9	18.93
July 10	20.30	Jan. 14, 1971	16.83	May 11	19.67		

301617081421601. Local number 115. City of Jacksonville. Oxford Ave. and Baltic St., Ortega. Drilled unused artesian well in Floridan aquifer, diam 8 in (20 cm), reported depth 729 ft (222 m), cased to 476 ft (145 m). Lsd 16.15 ft (4.92 m) above msl. MP top of 6-in (15 cm) horizontal pipe, 2.40 ft (0.73 m) above lsd. Highest water level 40.0 ft (12.2 m) above lsd, Aug. 22, 1930; lowest 10.8 ft (3.3 m) above lsd, Sept. 18, 1972. Records available: 1930-31, 1938, 1940-42, 1944-73.

Jan. 8, 1969	+19.1	May 11, 1970	+13.2	Aug. 12, 1971	+12.0	Sept. 18, 1972	+10.8
Mar. 3	18.0	July 14	16.1	Sept. 13	15.6	Nov. 28	15.6
May 9	14.3	Sept. 9	17.1	Nov. 15	15.5	Jan. 16, 1973	16.1
July 10	14.0	Nov. 16	17.5	Jan. 12, 1972	15.5	Mar. 16	15.5
Sept. 10	16.9	Jan. 14, 1971	18.7	Mar. 14	16.3	May 7	14.8
Nov. 6	19.0	Mar. 15	16.7	May 10	13.9	July 24	15.8
Jan. 8, 1970	19.3	May 17	14.1	May 17	14.5	Sept. 20	15.7
Mar. 10	20.3	July 20	13.7	July 17	13.7	Nov. 21	15.9

301833081431801. Local number 118. City of Jacksonville. Post and Dancy Sts., Jacksonville. Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 900 ft (274 m), casing information not available. Lsd 24.59 ft (7.50 m) above msl. MP top of 6-in (15 cm) horizontal pipe, 1.80 ft (0.55 m) above lsd. Highest water level 34.5 ft (10.5 m) above lsd, Apr. 7, 1942; lowest 11.9 ft (3.6 m) above lsd, May 9, 1962. Records available: 1939-73. Well plugged; measurement discontinued.

Jan. 8, 1969	+16.1	May 12, 1970	+14.3	May 14, 1971	+12.0	May 9, 1972	+13.9
May 9	13.3	Jan. 14, 1971	16.1	Jan. 14, 1972	14.6	Jan. 16, 1973	13.9
Jan. 8, 1970	15.8						

302304081383201. Local number 122. City of Jacksonville. Russell and 63d Sts., Jacksonville. Drilled unused artesian well in Floridan aquifer, diam 8 in (20 cm), reported depth 905 ft (276 m), cased to 571 ft (174 m). Lsd 14.87 ft (4.53 m) above msl. MP top of top flange, at lsd (since Feb. 24, 1971). Highest water level 47.0 ft (14.3 m) above lsd, Aug. 21, 1930; lowest 21.8 ft (6.6 m) above lsd, Aug. 27, 1971. Records available: 1930, 1938, 1940-42, 1944-73.

Jan. 8, 1969	+26.9	Mar. 19, 1970	+27.5	June 22, 1971	+23.4	Aug. 23, 1972	+25.2
Feb. 19	26.9	Apr. 22	27.1	July 21	23.3	Sept. 20	24.4
Mar. 23	27.1	May 12	24.3	Aug. 12	22.4	Oct. 24	25.0
Apr. 21	26.7	June 20	25.1	Sept. 27	21.8	Nov. 20	25.0
May 13	26.5	July 18	23.9	Oct. 2	24.0	Dec. 20	25.3
June 20	24.5	Aug. 20	23.7	Jan. 17, 1972	24.4	Jan. 17, 1973	24.3
July 21	24.2	Sept. 18	26.8	Feb. 18	25.4	Feb. 21	25.8
Aug. 19	24.4	Oct. 20	26.6	Mar. 20	25.4	Mar. 16	25.9
Sept. 19	25.1	Nov. 19	26.5	Apr. 20	25.4	Apr. 23	26.0
Oct. 20	25.7	Dec. 23	25.9	May 11	24.8	May 9	24.8
Nov. 18	26.5	Jan. 23, 1971	25.9	June 21	25.5	June 20	25.6
Dec. 22	27.2	Feb. 24	26.6	July 19	24.9	July 24	25.8
Jan. 14, 1970	26.0	Mar. 23	25.8	Aug. 22	25.9	Aug. 22	25.9
Feb. 20	26.6	Apr. 20	24.0	Sept. 20	26.6	Sept. 20	26.6
		May 14	23.2	Oct. 23	26.8	Oct. 23	26.8
		June 20	22.8	Nov. 20	26.6	Nov. 20	26.6

301950081425201. Local number 123. City of Jacksonville. Beaver and Huron Sts., Jacksonville. Drilled unused artesian well in Floridan aquifer, diam 10 in (25 cm), reported depth 1,075 ft (328 m), casing information not available. Lsd 22.78 ft (6.94 m) above msl. MP top of 6-in (15 cm) horizontal pipe, 2.50 ft (0.76 m) above lsd. Highest water level 39.7 ft (12.1 m) above lsd, Aug. 13, 1930; lowest 9.5 ft (2.9 m) above lsd, May 14, 1971. Records available: 1930-31, 1938-73.

Jan. 8, 1969	+17.8	May 12, 1970	+15.8	May 14, 1971	+9.5	May 16, 1972	+14.5
May 9	14.9	Jan. 14, 1971	17.7	Jan. 18, 1972	14.7	Jan. 16, 1973	14.1
Jan. 8, 1970	16.8						

301551081415701. Local number 129. K. A. Merrill. Ortega Blvd. and First St., Ortega. Drilled unused artesian well in Floridan aquifer, diam 4 in (10 cm), depth 600 ft (183 m), cased to 470 ft (143 m). Lsd 8.63 ft (2.63 m) above msl. MP 4-in (1.3 cm) corporation cock, 1.00 ft (0.30 m) above lsd. Highest water level 42.3 ft (12.9 m) above lsd, July 9, 1940; lowest 17.4 ft (5.3 m) above lsd, May 9, 1962. Records available: 1940-42, 1944-73.

Jan. 8, 1969	+25.6	Jan. 8, 1970	+26.2	May 17, 1971	+20.0	Jan. 16, 1973	+22.8
May 9	21.2	May 11	20.6	Jan. 12, 1972	21.2	May 7	21.2
July 10	20.1	Jan. 13, 1971	24.8	May 16	20.0		

302801081375101. Local number 145. Duval County School Board. Oceanway School. Drilled public-supply artesian well in Floridan aquifer, diam 2 in (5.1 cm), depth and casing information not available. Lsd 34.79 ft (10.60 m) above msl. MP top of 2-in (5.1 cm) tee, 1.50 ft (0.46 m) above lsd. Highest water level 24.2 ft (7.4 m) above lsd, June 3, 1947; lowest 2.38 ft (0.73 m) above lsd, May 14, 1971. Records available: 1940-42, 1944-73.

Jan. 8, 1969	+6.44	May 12, 1970	+5.12	Jan. 14, 1972	+5.16	Jan. 15, 1973	+3.9
May 9	4.25	Jan. 13, 1971	5.4	May 11	3.93	May 8	3.81
Jan. 9, 1970	6.29	May 14	2.38				

302441081364901. Local number 149. Mrs. W. M. Bostwick. Drummond Creek, 1.2 mi (1.9 km) southwest of Eastport. Drilled domestic artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 800 ft (244 m), casing information not available. Lsd 29.22 ft (8.91 m) above msl. MP top of 6-in (15 cm) tee, 4.00 ft (1.22 m) above lsd. Highest water level 28.5 ft (8.7 m) above lsd, July 16, 1947; lowest 3.1 ft (0.9 m) above lsd, May 14, 1971. Records available: 1940-41, 1944-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	+8.5	May 12, 1970	+8.0	Jan. 14, 1972	+6.5	Jan. 17, 1973	+6.0
May 13	6.75	Jan. 13, 1971	5.4	May 11	5.48	May 9	7.2
Jan. 9, 1970	8.4	May 14	3.1				

301401081354001. Local number 154. J. M. Shield. Drilled domestic artesian well in Floridan aquifer, diam 4 in (10 cm), depth 625 ft (191 m), cased to 461 ft (141 m). Lsd 25.2 ft (7.7 m) above msl. MP top of 4-in (10 cm) cross, 3.10 ft (0.94 m) above lsd. Highest water level 30.1 ft (9.2 m) above lsd, July 15, 1947; lowest 9.9 ft (3.0 m) above lsd, May 17, 1971. Records available: 1940-42, 1944, 1946-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	+15.0	May 12, 1970	+11.1	Jan. 15, 1972	+12.9	Jan. 16, 1973	+12.9
May 13	11.3	Jan. 14, 1971	13.5	May 10	11.6	May 9	11.7
Jan. 8, 1970	15.6	May 17	9.9				

301852081234201. Local number 160. City of Neptune Beach. Florida Ave. and First St., Neptune Beach. Drilled unused artesian well in Floridan aquifer, diam 8 in (20 cm), reported depth 585 ft (178 m), cased to 357 ft (109 m). Lsd 12.05 ft (3.67 m) above msl. MP top of 8-in (20 cm) tee, 0.50 ft (0.15 m) below lsd. Highest water level 41.7 ft (12.7 m) above lsd, June 15, 1934; lowest 17.5 ft (5.3 m) above lsd, July 10, 1969. Records available: 1934, 1939-42, 1944-73. Affected by tides.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	+26.6	May 12, 1970	+21.7	Sept. 15, 1971	+24.5	Nov. 21, 1972	+25.7
Mar. 3	25.9	July 14	22.2	Nov. 16	25.1	Jan. 16, 1973	25.8
May 13	20.3	Sept. 10	25.1	Jan. 14, 1972	25.1	Mar. 16	25.1
July 10	17.5	Nov. 16	26.1	Mar. 14	25.3	May 9	24.5
Sept. 10	23.7	Jan. 14, 1971	27.3	May 11	24.3	July 24	23.9
Nov. 7	26.8	Mar. 16	26.7	May 24	24.3	Sept. 21	25.0
Jan. 8, 1970	26.2	May 17	23.1	July 18	24.5	Nov. 20	25.9
Mar. 10	27.7	July 19	22.3	Sept. 18	24.3		

302538081253101. Local number 164. Clay County Development Co. Fort George Island. Drilled domestic artesian well in Floridan aquifer, diam 8 in (20 cm), reported depth 840 ft (256 m), cased to 450 ft (137 m). Lsd 15.71 ft (4.79 m) above msl. MP top of faucet east of well, 1.30 ft (0.40 m) above lsd. Highest water level 45.0 ft (13.7 m) above lsd, Aug. 19, 1930; lowest 23.7 ft (7.2 m) above lsd, May 9, 1968. Records available: 1930-31, 1940-41, 1944-73. Affected by tides.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	+28.4	May 13, 1970	+26.1	Jan. 14, 1972	+26.3	Jan. 15, 1973	+26.2
May 12	26.1	Jan. 13, 1971	26.7	May 11	25.0	May 9	24.8
Jan. 7, 1970	29.2	May 14	23.9				

#### Escambia County

303614087190901 (revised). Local number 45. U.S. Geol. Survey. Cantonment. Drilled observation artesian well in sand, diam 4 in (10 cm), reported depth 152 ft (46 m), cased to 129 ft (39 m), screened 129-152 ft (39-46 m). Lsd 135.00 ft (41.15 m) above msl. MP top of 4-in (10 cm) flange, 3.00 ft (0.91 m) above lsd. Highest water level 69.30 ft (21.12 m) below lsd, May 3, 1941; lowest 112.02 ft (34.14 m) below lsd, Feb. 29, 1956. Records available: 1940-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	103.29	103.22	103.21	103.2	103.36	103.36	103.51	103.69	103.95	103.83	104.03	103.87
10	103.13	103.34	103.47	103.32	103.45	103.25	103.50	103.69	103.88	103.78	103.87	103.40
15	103.39	102.87	103.48	103.28	103.33	103.27	103.50	103.90	104.02	103.89	104.17	104.01
20	103.00	103.45	103.43	103.40	103.45	103.37	103.51	103.92	104.05	104.08	104.21	103.92
25	103.32	103.36	103.10	103.46	103.46	103.42	103.56	103.97	103.85	104.05	104.10	103.55
Eom	103.25	103.15	103.69	103.40	103.30	103.52	103.73	104.02	103.71	103.88	103.98	103.84

#### 1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	103.88	104.74	104.24	104.56	104.84	104.70	104.55	104.49	104.48	104.45	104.42	104.07
10	104.14	104.45	104.32	104.62	104.71	104.68	104.55	104.36	104.45	104.30	104.18	103.97
15	104.14	104.26	104.66	104.64	104.72	104.72	104.73	104.55	104.46	104.37	104.17	103.56
20	104.23	104.66	104.57	104.42	104.80	104.66	104.48	104.49	104.44	104.38	104.06	103.93
25	104.22	104.10	104.37	104.68	104.59	104.60	104.70	104.35	104.47	104.10	104.41	103.56
Eom	104.59	104.68	104.47	104.72	104.74	104.72	104.46	104.63	104.36	104.38	104.08	103.33

#### 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	103.52	103.17	103.28	102.73	102.55	102.38	102.45	102.41	102.64	102.80	102.92	102.68
10	103.71	103.64	103.11	102.98	102.46	102.29	102.55	102.45	102.52	102.61	102.88	102.55
15	103.78	103.36	103.15	102.52	102.38	102.12	102.32	102.42	102.58	102.69	102.85	102.54
20	103.92	103.16	103.38	102.47	102.46	102.47	102.26	102.69	102.77	102.79	102.57	102.46
25	103.47	103.13	102.44	102.46	102.43	102.43	102.18	102.54	102.85	102.68	102.86	102.76
Eom	103.32	103.13	102.91	102.35	102.29	102.57	102.27	102.64	102.75	102.74	102.42	102.38

#### 1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	102.34	102.92	102.59	102.59	102.75	102.65	102.78	102.64	102.46	102.64	102.88	e103.0
10	102.30	102.85	e103.0	102.82	102.52	102.57	102.80	102.71	102.59	102.83	102.72	103.09
15	102.73	102.45	102.43	102.50	102.50	102.62	102.70	102.63	102.59	102.80	102.82	102.80
20	102.52	103.06	102.71	102.57	102.48	102.18	102.73	102.56	102.61	102.95	102.95	102.47
25	102.59	102.48	102.43	102.54	102.50	102.52	102.59	102.62	102.70	102.80	102.39	103.05
Eom	102.61	102.60	102.23	102.70	102.50	102.68	102.61	102.56	102.43	102.89	e103.1	102.85

303614087190901--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	103.08	103.21	102.93	102.97	.....	102.54	102.15	102.16	101.71	101.72	101.52	101.07
10	103.12	102.96	102.95	103.07	h102.63	102.44	102.08	.....	101.68	101.63	101.70	101.46
15	103.19	103.00	102.86	.....	102.73	102.35	102.23	.....	101.72	101.65	101.35	101.10
20	102.78	103.23	102.75	.....	102.41	102.38	102.14	.....	101.78	101.60	101.28	101.05
25	103.08	103.11	e102.7	.....	102.31	102.18	102.16	.....	101.73	101.55	101.25	101.01
Eom	e103.0	103.17	e102.7	.....	102.60	102.16	102.05	.....	101.73	101.04	101.80	101.05

e Estimated.

h Tape measurement.

303108087162301 (revised). Local number 46. U.S. Geol. Survey. Ensley. Drilled observation artesian well in sand; diam 4 in (10 cm); depth 239 ft (73 m); cased to 229 ft (70 m), previously reported 239 ft (73 m). Lsd 131.52 ft (40.09 m) above msl. MP top of flange cover, 1.10 ft (0.34 m) above lsd. Highest water level 56.45 ft (17.21 m) below lsd, Sept. 23, 1948; lowest 83.25 ft (25.37 m) below lsd, Nov. 27, 1972. Records available: 1939-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	80.15	Apr. 6, 1970	78.20	July 12, 1971	76.84	Oct. 2, 1972	82.59
13	80.45	13	77.94	19	78.43		82.76
20	80.19	20	77.78	26	78.66	16	82.94
27	80.39	27	77.85	Aug. 2	79.29	23	82.90
Feb. 3	80.48	May 4	78.00	9	79.66	30	83.04
10	80.65	11	78.31	16	79.69	Nov. 6	83.16
17	80.59	18	79.22	23	77.92	13	83.07
25	80.68	25	80.15	30	77.90	20	83.03
Mar. 3	80.49	June 1	80.32	Sept. 7	77.12	27	83.25
10	80.92	8	79.94	13	76.89	Dec. 4	81.41
18	80.54	15	79.55	20	77.79	11	81.14
24	80.40	22	79.79	27	76.65	18	81.36
31	81.04	29	77.62	Oct. 4	78.83	26	80.82
Apr. 7	80.79	July 13	79.12	11	79.42	Jan. 3, 1973	80.70
14	80.53	20	79.15	18	79.59	8	80.70
21	80.75	27	79.17	25	79.65	15	80.83
28	80.63	Aug. 3	79.33	Nov. 1	79.90	22	80.38
May 5	80.58	10	79.36	8	80.39	29	80.84
12	80.73	17	79.34	15	80.54	Feb. 5	81.13
19	80.47	24	79.22	22	80.61	12	81.13
26	80.49	31	79.01	29	80.32	19	81.27
June 2	80.39	Sept. 7	79.26	Dec. 6	80.51	26	81.23
9	80.46	14	79.46	13	80.79	Mar. 5	81.04
16	80.51	21	79.19	21	80.82	12	80.90
23	80.53	28	78.80	27	80.93	19	80.66
30	80.57	Oct. 5	79.22	Jan. 3, 1972	80.86	26	80.20
July 14	80.57	12	77.48	10	80.83	Apr. 2	81.26
21	80.33	19	76.92	17	81.64	9	80.02
28	80.22	26	76.15	24	81.17	16	80.23
Aug. 4	79.68	Nov. 2	75.83	31	81.34	23	80.33
11	79.54	9	75.93	Feb. 7	81.18	30	80.19
18	79.22	16	77.73	14	81.54	May 7	80.94
25	79.24	23	75.19	21	81.92	14	81.61
Sept. 2	79.06	30	75.44	28	79.54	21	80.84
8	78.83	Dec. 7	76.12	Mar. 6	79.34	28	79.34
15	78.88	14	75.29	13	78.77	June 4	79.85
22	78.65	21	74.88	20	79.69	11	79.24
29	78.65	28	74.87	27	79.71	18	79.21
Oct. 6	78.67	Jan. 4, 1971	74.48	Apr. 3	79.80	25	79.65
13	78.57	11	74.71	10	79.95	July 2	80.24
20	78.62	18	74.43	17	79.50	9	80.11
27	78.51	25	74.62	24	79.06	16	80.15
Nov. 3	78.59	Feb. 1	74.97	May 1	79.35	23	79.54
10	78.46	8	74.59	8	78.95	30	80.42
17	78.82	15	74.88	15	79.31	Aug. 6	80.11
24	78.87	22	74.50	22	79.19	13	80.13
Dec. 1	78.58	Mar. 1	74.68	29	79.78	20	79.92
8	78.65	8	74.98	June 5	80.19	27	80.72
15	78.71	15	74.65	12	80.20	Sept. 4	79.46
22	78.52	22	74.75	18	80.57	10	79.60
29	78.55	29	74.56	26	80.44	17	79.94
Jan. 5, 1970	78.97	Apr. 5	74.68	July 3	80.42	24	80.49
12	78.77	12	75.02	10	80.21	Oct. 2	80.92
19	78.82	19	75.76	17	80.72	8	80.12
25	78.82	26	76.57	24	80.75	22	81.46
Feb. 2	78.49	May 3	76.18	31	80.74	29	80.04
9	78.94	10	76.32	Aug. 7	80.77	Nov. 12	81.92
16	78.59	17	75.60	14	80.57	19	81.73
23	78.95	24	76.62	21	81.20	26	81.70
Mar. 2	78.80	Mar. 21	76.09	28	81.28	Dec. 3	81.96
9	78.38	June 7	76.71	Sept. 5	81.39	10	82.18
16	78.79	14	76.52	11	81.48	17	82.22
23	78.40	21	76.14	18	81.23	24	82.21
31	78.19	28	76.42	25	82.51	31	82.16
		July 6	76.89				

302432087151701. Local number 62. U.S. Geol. Survey. Pensacola. Drilled observation artesian well in sand, diam 6 in (15 cm), depth 142 ft (43 m), cased to 142 ft (43 m). Lsd 13.95 ft (4.25 m) above msl. MP top of flange cover, 1.45 ft (0.44 m) above lsd. Highest water level 6.05 ft (1.84 m) below lsd, Mar. 30, 1949; lowest 24.73 ft (7.54 m) below lsd, July 31, 1955. Records available: 1940-73.



302432087151701--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	13.84	Mar. 2, 1970	13.36	May 3, 1971	15.13	July 10, 1972	14.28
Feb. 3	14.26	Apr. 6	12.67	June 7	15.75	Aug. 14	14.86
Mar. 3	13.73	May 4	12.90	July 6	15.72	Sept. 11	14.78
Apr. 7	13.33	25	13.51	Aug. 2	15.53	Oct. 9	14.77
May 5	13.68	June 29	12.09	Sept. 7	15.21	Nov. 13	14.14
June 2	13.72	July 27	12.57	Oct. 4	15.47	Dec. 11	12.66
July 7	14.31	Aug. 31	12.54	Nov. 1	16.52	Jan. 8, 1973	12.57
Aug. 4	13.22	Sept. 28	13.10	Dec. 6	15.64	Feb. 12	12.42
Sept. 2	12.87	Oct. 26	12.86	Jan. 3, 1972	15.96	June 11	12.98
Oct. 6	13.46	Nov. 30	13.72	Feb. 7	15.93	July 9	13.37
Nov. 4	13.22	Dec. 28	13.38	Mar. 6	15.84	Aug. 13	12.97
Dec. 1	13.24	Jan. 25, 1971	13.42	Apr. 3	15.44	Sept. 10	13.16
Jan. 5, 1970	13.07	Mar. 1	14.14	May 1	14.70	Oct. 9	13.68
Feb. 2	13.17	Apr. 5	14.38	June 12	14.19	Nov. 12	13.56

302432087151702. Local number 62A. U.S. Geol. Survey. Pensacola. Drilled observation water-table well in sand, diam 4 in (10 cm), depth 18 ft (5 m), cased to 18 ft (5 m). Lsd 13.95 ft (4.25 m) above msl. MP top of 4-in (10 cm) coupling, 1.91 ft (0.58 m) above lsd. Highest water level 7.47 ft (2.28 m) below lsd, Sept. 7, 1967; lowest 13.19 ft (4.02 m) below lsd, Jan. 10, 1955. Records available: 1940-73.

Jan. 6, 1969	12.57	Jan. 5, 1970	12.74	Dec. 28, 1970	12.24	Jan. 3, 1972	11.55
Feb. 3	12.27	Feb. 2	12.35	Jan. 25, 1971	12.32	Feb. 7	11.72
Mar. 3	11.84	Mar. 2	12.32	Mar. 1	11.97	Mar. 6	11.51
Apr. 7	11.48	Apr. 6	11.67	Apr. 5	11.86	Apr. 3	11.47
May 5	11.98	May 4	11.82	May 3	12.15	May 1	11.72
June 2	11.55	25	12.07	June 7	12.02	June 12	10.98
July 7	11.87	June 29	10.97	July 6	11.91	July 10	11.21
Aug. 4	10.81	July 27	11.67	Aug. 2	11.41	Aug. 14	11.40
Sept. 2	11.15	Aug. 31	11.54	Sept. 7	10.41	Sept. 11	11.42
Oct. 6	11.77	Sept. 28	11.72	Oct. 4	11.05	Oct. 9	11.15
Nov. 4	12.07	Oct. 26	10.91	Nov. 1	11.56	Nov. 13	10.81
Dec. 1	11.62	Nov. 30	11.96	Dec. 6	11.16	Dec. 10, 1973	8.93

303610087165001. Local number 74. Monsanto Co. Formerly Chemstrand Corp. Drilled observation artesian well in sand, diam 4 to 2½ in (10 to 6.4 cm), depth 352 ft (107 m), screened 260-270 ft (79-82 m), 340-350 ft (104-107 m). Lsd 97.39 ft (29.68 m) above msl. MP top of 4-in (10 cm) casing, 3.00 ft (0.91 m) above lsd. Highest water level 73.97 ft (22.55 m) below lsd, Nov. 10, 1951; lowest 94.78 ft (28.89 m) below lsd, Jan. 22, 1969. Records available: 1951-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	93.10	92.96	93.36	92.66	91.86	91.59	92.57	92.30	91.65	91.42	91.01	91.34
10	93.05	92.80	93.14	92.76	91.80	93.07	92.12	92.20	91.93	91.57	91.18	90.52
15	92.98	92.73	93.34	92.61	91.57	92.94	92.00	92.03	91.81	91.40	91.03	90.95
20	94.50	92.70	93.05	91.46	91.63	92.63	92.20	91.65	91.77	91.50	91.27	91.11
25	93.78	92.58	92.72	91.60	91.58	92.48	91.90	91.59	91.67	91.90	91.39	90.90
Eom	92.90	92.76	92.47	91.97	91.60	92.70	91.84	91.71	91.58	91.13	91.18	90.70

1970

5	91.14	91.71	90.59	90.80	92.01	91.36	90.98	92.32	91.95	91.37	90.86	91.08
10	92.03	91.08	90.84	90.84	92.22	90.82	91.19	91.95	91.87	90.77	90.65	91.25
15	91.23	90.92	90.89	91.05	92.28	91.02	91.77	91.90	91.69	90.99	91.51	91.54
20	90.92	91.09	90.78	91.05	92.01	91.71	91.75	92.30	91.53	91.06	91.14	91.42
25	91.05	90.50	91.01	91.19	91.96	91.64	91.92	92.22	91.53	91.01	91.34	91.04
Eom	91.08	90.72	90.67	91.52	92.20	91.70	92.00	92.09	91.41	90.93	91.14	91.07

1971

5	90.33	90.57	90.13	89.36	90.82	91.58	91.19	91.65	91.76	92.40	91.92	91.03
10	90.29	90.96	90.18	89.74	90.67	91.30	91.18	91.73	91.63	92.17	91.90	90.79
15	90.36	90.80	90.08	89.21	90.74	91.28	91.37	91.78	91.12	91.92	91.70	91.51
20	90.59	90.61	90.23	89.21	90.58	91.30	91.47	92.17	91.45	91.96	91.42	91.73
25	90.66	90.31	89.96	90.37	90.83	91.40	91.69	92.09	91.92	91.95	91.46	91.77
Eom	90.45	89.86	90.00	90.70	91.01	91.49	91.61	91.99	92.35	92.02	91.26	91.79

1972

5	92.03	92.45	91.56	92.89	92.80	.....	.....	93.53	93.65	93.49	93.91	93.96
10	92.31	92.10	90.98	92.93	92.50	.....	92.48	93.79	93.60	93.87	93.82	93.92
15	92.53	91.73	90.69	92.92	92.17	.....	92.82	93.75	93.60	94.10	93.92	93.76
20	92.38	91.33	92.15	92.81	e91.7	.....	92.94	93.84	93.83	94.12	93.79	93.84
25	92.30	91.51	92.50	92.77	.....	.....	92.95	93.63	93.96	94.05	94.00	93.46
Eom	92.17	91.55	92.42	92.68	.....	.....	93.40	93.73	93.88	93.99	94.06	92.87

1973

5	92.88	93.77	93.73	91.83	92.18	93.18	93.31	93.05	93.12	93.13	93.19	92.41
10	92.83	93.60	93.24	91.81	92.28	93.08	93.35	93.24	93.18	93.16	93.13	92.70
15	93.50	93.68	92.93	91.62	92.49	93.08	93.70	93.56	93.20	93.27	93.00	92.82
20	93.50	93.76	92.67	92.14	92.71	93.11	93.61	93.41	93.12	93.70	93.02	93.29
25	93.62	93.56	91.96	91.86	93.16	93.13	93.55	93.30	93.00	93.38	92.57	93.31
Eom	93.66	93.70	91.62	92.30	93.03	93.20	93.50	93.52	93.15	92.91	92.96	92.82

e Estimated.

Flagler County

292750081152001. Local number 14. W. E. Kudrna. Bunnell. Drilled unused artesian well in Floridan aquifer, diam 6 to 4 in (15 to 10 cm), depth 417 ft (127 m), casing information not available. Lsd 21.0 ft (6.4 m) above msl. MP top of 6-in (15 cm) coupling, at lsd. Highest water level 2.7 ft (0.8 m) below lsd, September 1947; lowest 10.41 ft (3.17 m) below lsd, May 1, 1968. Records available: 1936-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	5.86	May 23, 1970	8.25	Sept. 7, 1971	7.52	Oct. 3, 1972	6.70
Mar. 5	5.89	July 16	7.15	Nov. 3	6.45	Jan. 5, 1973	5.95
May 6	7.99	Sept. 4	6.56	Jan. 3, 1972	6.57	Mar. 7	5.92
July 3	8.08	Nov. 3	6.36	Mar. 3	6.13	May 3	7.71
Sept. 5	6.13	Jan. 4, 1971	7.69	May 5	7.34	July 2	6.90
Nov. 3	4.91	Mar. 5	6.93	July 1	5.48	Sept. 4	6.00
Jan. 13, 1970	3.98	May 4	9.48	Sept. 1	6.19	Oct. 29	5.62
Mar. 9	4.65	June 28	8.52				

Gulf County

294857085180801. Local number 30. Apalachicola Northern RR. Port St. Joe. Drilled unused artesian well in Floridan aquifer, diam 8 to 6 in (20 to 15 cm), depth 522 ft (159 m), cased to 475 ft (145 m). Lsd 10.73 ft (3.27 m) above msl. MP top of 6-in (15 cm) casing, 2.00 ft (0.61 m) above lsd. Highest water level 5.61 ft (1.71 m) below lsd, Feb. 11, 1956; lowest 28.41 ft (8.66 m) below lsd, July 3, 1948. Records available: 1946-71. Measurement discontinued. Jan. 13, 1969, 8.31; May 12, 10.30; Jan. 12, 1970, 9.55; May 11, 9.62; Jan. 12, 1971, 9.40; May 4, 10.41.

Hendry County

261900080585501 (revised). Local number HE3. U.S. Geol. Survey. Driven (previously reported jetted) observation water-table well in limestone of Biscayne aquifer (previously reported shelly sand); diam 6 in (15 cm); depth 10 ft (3 m); cased to 8 ft (2 m); open end, previously reported gravel-packed 5-10 ft (2-3 m). Lsd 20 ft (6 m) above msl. MP top of flange, 2.50 ft (0.76 m) above lsd. Highest water level 0.90 ft (0.27 m) above lsd, Oct. 2, 1951; lowest 6.34 ft (1.93 m) below lsd, June 10, 12-15, 1973. Records available: 1941-44, 1950-73.

Highest water level for the day, above and below lsd, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	...	-2.39	-2.52	-2.47	-3.35	+0.36	-0.59	-0.26	-1.39	-0.86	-1.29	-0.53
10	-1.83	2.51	1.25	2.66	4.02	-3.30	.74	1.00	1.62	1.42	1.42	+5.0
15	1.83	2.29	1.69	2.82	1.75	+7.2	.86	.40	1.43	1.61	.32	-.36
20	1.92	2.11	1.84	2.64	1.93	.72	.55	1.30	1.32	.89	1.19	.48
25	2.04	2.31	2.08	2.98	2.29	+4.6	1.19	.33	1.69	.76	.37	.60
Eom	2.25	2.44	2.28	3.15	-1.08	-.07	1.39	.34	1.44	.34	.30	.72
1970												
5	-0.73	-0.63	-1.00	-0.48	-2.02	-1.72	-2.19	-1.36	-1.01	-0.03	-0.97	-1.74
10	.82	.68	+1.0	.66	2.34	1.95	1.34	.47	1.35	.50	1.10	1.95
15	.01	.77	-.06	.82	2.63	1.66	1.51	.42	1.13	.68	.84	2.12
20	.62	.78	-.37	1.07	2.89	1.76	1.25	.82	.93	.25	1.18	2.25
25	.74	.86	+6.2	1.34	2.14	1.94	.68	.49	-.71	.67	1.42	2.43
Eom	.89	.97	-.19	1.67	1.35	2.23	1.11	1.04	+6.6	.74	1.57	2.63
1971												
5	-2.78	-3.63	-3.83	-4.85	-5.85	-5.33	-1.80	-1.55	-0.65	-0.73	-0.82	-1.66
10	2.93	3.69	3.73	5.09	5.94	5.14	1.99	1.79	+2.6	.84	.93	1.83
15	3.08	3.75	3.94	5.28	5.51	3.34	2.19	.87	+4.3	-.59	1.11	2.05
20	3.22	3.82	4.15	5.46	4.67	2.72	2.42	.45	-.43	+0.3	1.27	2.21
25	3.33	3.57	4.36	5.64	4.80	2.15	1.51	.46	.63	-.61	1.41	2.27
Eom	3.47	3.55	4.59	5.75	5.13	2.01	1.72	.46	.79	.71	1.51	2.47
1972												
5	-2.61	-2.55	-3.05	-1.76	-2.79	-3.24	-2.52	-3.29	-2.71	-2.04	-3.63	-4.00
10	2.78	2.42	3.15	2.07	2.19	3.28	2.66	3.48	2.87	2.36	3.78	4.06
15	2.95	2.52	3.26	2.38	2.04	2.49	2.67	3.33	2.67	2.66	3.70	4.14
20	3.07	2.76	3.21	2.68	2.36	1.28	2.69	3.62	2.98	2.94	3.77	4.24
25	2.68	2.94	3.40	2.73	2.69	1.80	2.55	2.69	2.94	3.16	3.80	3.80
Eom	2.86	3.06	1.86	2.66	3.08	2.17	2.98	2.50	3.19	3.39	3.98	3.97
1973												
5	-4.15	-3.65	-4.30	-4.42	-5.70	-6.29	-1.77	-0.56	-0.19	e-1.49	-1.64	-2.78
10	3.68	3.65	4.16	4.64	5.89	6.34	1.94	+3.3	.54	e.18	e1.77	2.84
15	3.66	3.87	4.25	4.89	5.87	6.22	.39	.14	e.75	e.77	e1.94	e3.04
20	3.31	4.03	4.45	5.08	6.02	3.51	.14	.59	e.97	e1.14	e2.12	e2.62
25	3.97	4.14	4.25	5.22	6.13	2.09	.59	.33	e1.18	e1.49	e2.39	e2.78
Eom	3.86	4.19	4.14	5.40	6.27	1.48	.94	+3.9	e1.39	1.49	e2.64	e3.07

e Estimated.

263750081074001 (revised). Local number HE5. U.S. Geol. Survey. Jetted observation water-table well in limestone of Biscayne aquifer (previously reported sand); diam 6 in (15 cm); depth 13 ft (4 m); cased to 13 ft (4 m), previously reported 8 ft (2 m). Lsd 27 ft (8 m) above msl. MP top of casing, 2.90 ft (0.88 m) above lsd. Highest water level 0.48 ft (0.15 m) above lsd, Oct. 2, 1951; lowest 4.54 ft (1.38 m) below lsd, June 2, 1967. Records available: 1941-67, 1969-73.

263750081074001--Continued.

Hight water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	2.68	2.58	2.16	2.46	2.62	0.57	0.75	0.91	0.35	0.73	1.78
10	2.30	2.76	1.36	2.15	2.77	2.19	1.00	.77	1.16	.59	1.00	1.30
15	2.40	2.27	1.59	2.33	2.45	.63	1.45	.75	2.02	.75	.97	1.39
20	2.23	2.36	1.49	2.28	2.67	.77	1.08	.73	1.00	.78	1.26	1.59
25	2.37	2.50	1.78	2.55	2.84	.75	.70	1.03	.80	.80	1.50	1.68
Eom	2.55	2.60	1.98	2.77	3.10	.75	.74	.82	.83	.52	1.53	1.87
1970												
5	1.77	1.63	2.17	0.82	2.72	....	1.75	1.65	2.15	....	2.09	....
10	1.73	1.74	.96	1.20	2.97	....	1.49	1.95	2.29	....	2.31	....
15	1.44	1.93	.48	1.60	3.18	....	1.66	1.90	2.08	....	2.52	3.02
20	1.53	1.96	.83	2.07	3.39	1.66	2.00	1.93	2.38	....	2.65	3.09
25	1.73	2.13	.25	2.29	2.28	1.08	.86	2.10	2.09	1.52	....	3.18
Eom	1.81	2.20	.44	2.50	....	1.40	1.16	1.75	....	1.88	....	3.24
1971												
5	....	....	3.52	3.85	4.34	3.82	....	....	1.68	0.78	....	2.41
10	....	....	3.65	3.91	4.20	2.79	....	....	1.25	.76	....	2.53
15	....	....	3.43	4.05	3.25	1.83	0.56	....	.76	.82	....	2.62
20	....	....	3.62	4.14	3.15	1.48	.77	1.72	....	.72	....	2.74
25	....	3.35	3.72	4.19	3.42	1.36	....	1.88	....	....	2.24	2.73
Eom	....	3.42	3.77	4.24	3.67	1.22	....	2.14	....	....	2.30	2.89
1972												
5	2.96	2.94	3.17	2.83	3.84	2.69	2.09	2.99	....	2.25	....	....
10	3.09	2.97	3.29	3.08	3.57	2.29	2.29	2.48	....	2.42	....	....
15	3.20	3.04	3.45	3.31	3.22	2.35	2.93	2.57	....	2.65	....	....
20	3.26	2.95	3.51	3.52	2.90	1.35	2.44	....	....	2.82	....	....
25	2.82	3.16	3.67	3.58	2.98	1.59	2.55	....	....	2.98	....	....
Eom	3.01	3.25	2.81	3.66	3.37	2.00	2.72	....	....	3.23	3.08	....
1973												
5	3.40	2.84	2.82	3.26	3.95	3.16	1.96	1.13	1.14	1.69	2.70	3.35
10	3.48	2.98	2.93	3.39	3.37	3.04	e2.12	1.50	-1.55	1.96	2.85	3.35
15	3.10	2.39	3.05	3.54	1.99	2.33	e1.85	1.65	1.91	2.02	2.97	3.45
20	3.20	2.45	3.18	3.72	2.45	2.23	e1.05	1.45	2.05	2.02	3.00	2.80
25	3.16	2.61	3.24	3.82	2.72	1.36	e1.03	1.35	1.19	2.02	3.12	2.85
Eom	3.03	2.70	3.05	3.81	2.95	1.74	e1.18	1.37	1.30	2.00	3.23	2.97

e Estimated.

## Highlands County

273751081155801. Local number H9. Air Force. Formerly U.S. Geol. Survey. Avon Park Bombing Range. Drilled observation water-table well in sand and gravel deposits of Pleistocene age; diam 6 in (15 cm); depth 26 ft (8 m); cased to 22 ft (7 m); gravel-packed 22-26 ft (7-8 m), previously reported 19-26 ft (6-8 m). Lsd 131.00 ft (39.93 m) above msl. MP top of casing, 3.32 ft (1.01 m) above lsd. Highest water level 130.54 ft (39.79 m) above msl, Oct. 9, 1953; lowest 125.27 ft (38.18 m) above msl, Aug. 8, 1950. Records available: 1948-73. Measurements made by Central and Southern Florida Flood Control District, beginning October 1968.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+128.34	+127.57	+127.50	+128.72	+127.96	+128.65	+129.24	+130.06	+128.66	.....	+129.02	+128.36
10	128.26	127.70	128.75	128.50	127.80	129.52	128.93	128.62	128.97	.....	128.80	.....
15	128.04	127.95	129.06	128.29	127.61	129.25	128.62	129.44	129.21	.....	128.53	.....
20	127.74	127.96	129.48	128.65	128.04	130.18	128.45	129.15	128.96	.....	128.78	.....
25	127.64	127.76	129.74	128.24	127.82	129.00	129.65	129.05	.....	+129.97	128.51	.....
Eom	127.49	127.63	128.85	128.05	127.47	128.94	128.34	128.61	.....	129.26	128.83	.....
1970												
5	.....	+128.93	+128.35	.....	.....	+128.50	+128.26	+128.56	+128.40	+128.47	+128.04	+127.54
10	.....	128.55	128.70	.....	.....	128.69	128.99	128.79	128.64	128.57	128.04	127.45
15	.....	128.35	.....	.....	+127.47	128.33	128.89	128.46	128.20	128.19	127.90	127.37
20	.....	128.40	.....	.....	127.38	127.59	128.58	130.04	128.13	127.97	127.78	127.38
25	.....	128.19	.....	.....	126.28	128.36	129.88	130.01	129.75	127.83	127.70	127.33
Eom	+128.58	128.63	.....	.....	128.99	128.35	129.19	128.81	129.09	128.05	127.62	127.32
1971												
5	+126.97	+126.53	+126.67	+126.24	+125.97	+126.02	+128.72	.....	.....	.....	.....	.....
10	126.95	127.08	126.57	126.19	125.91	126.50	.....	.....	.....	.....	.....	.....
15	126.87	127.08	126.49	126.13	126.58	127.16	.....	+129.94	.....	.....	.....	.....
20	126.80	126.97	126.46	126.09	126.46	127.73	.....	.....	.....	.....	.....	.....
25	126.64	126.84	126.42	126.01	126.32	127.78	.....	.....	.....	.....	+127.76	.....
Eom	126.57	126.78	126.36	126.02	126.14	128.09	.....	.....	.....	.....	127.66	.....
1972												
5	.....	+128.85	+129.15	+128.45	+128.00	+128.63	+128.28	.....	+128.77	+128.75	+127.46	+128.29
10	.....	129.33	128.53	128.65	128.19	128.12	128.68	.....	128.40	128.24	127.35	128.06
15	.....	128.59	128.25	128.11	129.51	128.22	129.33	.....	129.44	128.02	127.27	127.83
20	+127.74	128.61	128.04	127.94	129.22	130.15	130.30	.....	128.96	127.83	127.30	127.86
25	128.03	128.33	127.87	128.36	128.90	129.31	.....	+128.90	128.50	127.70	127.30	128.48
Eom	127.80	128.36	128.95	128.17	128.47	128.66	.....	129.73	128.22	127.57	128.51	128.14
1973												
5	+127.95	+128.84	+128.32	+129.59	+127.87	+128.74	+128.21	+130.13	+129.46	+129.05	+128.25	+127.46
10	127.80	129.11	129.61	129.41	130.36	128.47	129.75	.....	130.30	129.06	127.98	127.40
15	128.44	+129.20	128.80	128.71	129.76	128.43	130.04	.....	129.02	128.56	127.84	127.33
20	128.20	129.17	128.60	128.43	128.95	128.15	129.99	130.44	129.03	128.67	127.75	127.39
25	129.22	128.55	128.63	128.17	129.30	128.28	129.64	129.63	129.32	128.34	127.65	127.52
Eom	129.27	128.46	128.50	128.07	129.07	128.54	129.39	129.48	129.55	128.13	127.54	127.38

272746081232701. Local number H10. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age; diam 6 in (15 cm); depth 45 ft (14 m); cased to 41 ft (12 m); gravel-packed 41-45 ft (12-14 m), previously reported 37-45 ft (11-14 m). Lsd 117.80 ft (35.91 m), previously reported 118.00 ft (35.97 m), above msl. MP top of casing, 3.80 ft (1.16 m) above lsd (since January 1969). Highest water level 94.53 ft (28.81 m) above msl, Sept. 17, 1960; lowest 83.37 ft (25.41 m) above msl, July 6, 8, 1956. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+87.90	+87.35	+86.86	+88.00	+87.60	+87.78	+89.63	+90.24	+90.88	+92.70	+92.30	+91.76
10	87.81	87.28	86.91	88.05	87.47	87.73	89.87	90.25	90.74	92.80	92.23	91.64
15	87.66	87.17	87.40	88.04	87.31	87.63	90.10	90.35	90.62	92.70	92.11	91.56
20	87.64	87.09	87.68	87.95	87.22	87.86	90.19	90.63	90.50	92.60	92.05	91.50
25	87.55	87.00	87.84	87.88	87.58	89.02	90.21	90.93	90.78	92.50	91.95	91.42
Eom	87.45	86.95	87.93	87.78	87.78	89.42	90.27	90.94	92.09	92.40	91.87	91.31

1970

5	+91.17	+90.75	+90.25	+90.75	+90.10	+89.10	+88.88	+88.97	+88.93	+89.13	+88.78	+88.15
10	91.10	90.68	90.16	90.82	89.93	89.04	88.83	88.95	88.90	89.19	88.68	88.03
15	91.13	90.56	90.07	90.75	89.80	88.96	88.78	88.87	88.88	89.17	88.59	87.89
20	91.07	90.47	90.05	90.60	89.56	88.87	88.85	88.81	88.84	89.06	88.48	87.77
25	90.98	90.35	90.05	90.44	89.15	88.80	88.90	88.78	88.79	88.96	88.36	87.63
Eom	90.87	90.28	90.38	90.29	89.14	88.85	88.96	88.86	89.00	88.83	88.25	87.47

1971

5	+87.28	+86.64	+86.17	+85.62	+84.74	+84.50	+85.13	+86.05	+86.45	+87.63	+87.28	+86.74
10	87.07	86.53	86.06	85.50	84.68	84.44	85.43	86.05	86.47	87.51	87.18	86.67
15	86.90	86.46	86.00	85.26	84.67	84.38	85.59	86.10	86.63	87.50	87.11	86.59
20	86.90	86.36	85.91	85.09	84.68	84.37	85.68	86.16	87.02	87.47	87.04	86.50
25	86.83	86.28	85.83	85.02	84.63	84.34	85.77	86.25	87.07	87.42	86.94	86.42
Eom	86.74	86.22	85.74	84.85	84.56	84.23	85.88	86.37	86.63	87.39	86.85	86.33

1972

5	+86.22	+85.95	+86.14	+85.93	+85.47	+85.36	+87.09	+85.92	+86.40	+85.90	+85.15	+84.83
10	86.10	86.03	86.04	85.90	85.47	85.32	87.05	86.76	86.35	85.83	85.02	84.81
15	86.02	86.12	85.97	85.91	85.41	85.28	87.03	86.69	86.28	85.75	85.00	84.78
20	86.03	86.15	85.91	85.81	85.40	85.47	87.03	86.63	86.20	85.62	84.95	84.73
25	86.04	86.15	85.85	85.75	85.42	86.57	87.05	86.56	86.06	85.50	84.92	84.70
Eom	86.00	86.15	85.75	84.53	85.42	87.02	87.05	86.48	85.97	85.39	84.86	84.64

1973

5	+84.63	+84.69	+85.50	+85.65	+85.43	+85.27	+85.02	+85.07	+85.31	+86.61	+86.78	+86.24
10	84.60	84.85	85.46	85.66	85.34	85.23	84.98	85.16	85.36	86.83	86.67	86.10
15	84.57	84.98	85.48	85.66	85.37	85.20	84.91	85.23	85.45	86.97	86.53	85.78
20	84.51	85.14	85.53	85.65	85.42	85.18	85.88	85.28	85.60	86.93	86.45	85.80
25	84.51	85.26	85.59	85.47	85.34	85.15	84.88	85.31	85.80	86.96	86.43	85.75
Eom	84.53	85.49	85.63	85.49	85.30	85.04	85.00	85.31	86.20	86.90	86.24	85.68

272504081120101. Local number H11A. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age; diam 6 in (15 cm); depth 16 ft (5 m), previously reported 10 ft (3 m); cased to 13 ft (4 m), previously reported 8 ft (2 m); gravel-packed 13-16 ft (4-5 m), previously reported 8-10 ft (2-3 m). Lsd 49.02 ft (14.94 m) above msl. MP top of shelf (previously reported top of casing), 2.00 ft (0.61 m) above lsd. Highest water level 49.04 ft (14.95 m) above msl, Sept. 10, 1960; lowest 42.22 ft (12.87 m) above msl, May 9, 1968. Records available: 1956-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+46.79	+46.02	+46.49	+47.12	+46.66	+46.42	+47.57	+47.93	+47.30	+48.51	+47.67	+47.19
10	46.89	46.02	47.72	46.83	46.25	46.50	47.11	47.92	47.55	47.92	47.47	47.79
15	46.68	46.45	47.42	46.62	47.35	47.78	47.16	48.02	47.14	47.54	47.90	47.69
20	46.62	46.62	47.85	47.43	47.36	48.00	47.51	47.79	47.85	47.65	47.68	47.45
25	46.44	46.39	47.55	46.90	47.04	47.84	47.50	48.00	48.14	47.48	47.42	47.34
Eom	46.20	46.24	47.37	46.50	46.54	47.29	47.77	47.67	48.11	47.77	47.50	47.21

1970

5	.....	+47.91	+47.72	+47.56	+45.92	+45.93	+47.68	+47.55	+46.53	+47.09	+46.18	+45.29
10	+48.12	47.78	48.19	47.14	45.68	45.81	47.61	47.93	46.46	46.92	45.97	45.16
15	48.21	47.42	48.25	46.85	45.48	45.62	47.82	47.72	46.74	46.75	45.82	45.06
20	48.12	47.50	47.85	46.60	45.26	47.42	47.38	47.17	46.54	46.60	45.67	44.96
25	47.87	47.45	48.02	46.36	45.54	47.73	48.27	47.09	46.97	46.79	45.50	44.89
Eom	47.68	47.92	48.16	46.16	46.07	47.95	48.05	46.88	47.31	46.37	45.39	44.79

1971

5	+44.74	+44.32	+46.38	+45.98	+44.76	+44.07	+44.96	+44.65	+46.32	+46.73	+47.27	+46.90
10	44.66	45.33	46.47	45.57	44.62	44.55	45.10	44.86	47.14	47.58	47.04	46.64
15	44.59	45.38	46.26	45.54	44.46	44.75	45.31	45.25	47.97	47.82	46.80	46.40
20	44.51	45.27	46.09	45.32	44.34	45.12	45.29	45.33	47.39	47.82	46.65	46.23
25	44.45	46.43	45.85	45.14	44.20	45.24	45.16	45.19	47.65	47.89	46.50	46.15
Eom	44.37	46.52	45.92	45.00	44.29	45.18	44.89	45.82	47.10	47.46	46.46	46.02

1972

5	+45.94	+46.38	+46.22	+46.61	+45.10	+46.25	+46.77	+46.09	+46.00	+44.90	+44.05	+44.60
10	45.82	46.65	46.02	46.35	45.72	46.02	46.61	45.85	45.77	44.76	43.97	44.59
15	45.85	46.50	45.77	46.09	46.51	46.87	47.55	45.94	45.70	44.61	43.93	44.44
20	45.70	46.45	45.55	45.81	46.89	48.39	47.19	45.96	45.43	44.47	43.92	44.65
25	45.68	46.14	45.37	45.63	46.50	47.65	46.81	46.16	45.21	44.35	43.98	44.93
Eom	45.54	46.14	45.12	45.34	46.14	47.16	46.40	46.12	45.09	44.20	44.45	44.86

1973

5	+44.77	+47.13	+46.54	+46.70	+46.07	+46.42	+47.78	+48.04	+48.02	+47.72	+47.42	+46.45
10	44.72	47.27	47.52	47.29	47.56	46.70	48.08	47.76	48.37	48.17	47.05	46.47
15	45.35	47.11	47.10	47.22	47.52	46.47	47.82	47.77	48.61	47.85	46.85	46.25
20	45.36	47.14	46.77	46.77	46.94	47.17	47.77	47.44	48.26	47.73	46.99	46.75
25	46.60	46.80	46.66	46.44	46.99	47.42	47.73	47.28	48.07	47.34	46.73	47.14
Eom	47.17	46.68	46.91	46.29	46.77	47.54	48.04	47.50	48.01	47.06	46.54	46.80

271410080594401. Local number H13. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age; diam 6 in (15 cm); depth 20 ft (6 m); cased to 16 ft (5 m); gravel-packed 16-29 ft (5-6 m), previously reported 11-20 ft (3-6 m). Lsd 29.23 ft (8.91 m), previously reported 29.00 ft (8.84 m), above msl. MP top of casing, 3.80 ft (1.16 m) above lsd (since August 1964). Highest water level 29.40 ft (8.96 m) above msl, Oct. 2, 1951; lowest 20.23 ft (6.17 m) above msl, Mar. 25, 1962. Records available: 1948-73. Well destroyed; measurement discontinued Sept. 15, 1973. Since August 1964, range of fluctuation lessened by control structure on nearby stream.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+26.35	+25.26	+25.26	+25.67	+25.89	+25.42	+26.95	+26.98	+26.61	+28.43	+27.35	+25.83
10	26.02	25.45	27.20	25.57	25.30	25.50	25.98	27.62	27.10	27.62	26.63	26.83
15	25.57	26.09	26.37	25.63	26.21	27.21	25.61	28.80	27.08	26.83	27.78	26.46
20	25.37	25.80	26.81	25.95	26.88	27.63	26.78	28.06	27.92	27.18	27.07	26.08
25	25.15	25.40	26.30	25.45	26.12	26.89	26.30	27.86	27.05	27.40	26.36	25.91
Eom	25.28	25.18	25.75	25.54	25.43	26.31	26.32	26.55	27.08	28.23	26.28	25.54
1970												
5	+26.78	+27.25	+25.45	+26.45	+25.38	+26.95	+25.65	+25.43	+25.07	+26.27	+25.53	+25.56
10	27.23	26.65	26.09	25.93	25.24	26.45	26.48	26.14	24.75	26.67	25.19	25.63
15	28.17	26.05	26.74	25.85	25.09	27.28	26.31	26.00	25.09	26.41	25.09	25.68
20	27.55	25.66	26.06	25.68	25.26	27.02	25.67	25.49	25.46	26.68	25.14	25.69
25	26.68	25.71	26.98	25.55	25.66	26.40	27.05	25.11	26.21	26.73	25.23	25.63
Eom	26.12	25.63	27.31	25.48	26.85	25.78	26.08	25.16	26.21	26.05	25.42	25.47
1971												
5	+25.43	+25.04	+24.83	+25.21	+24.54	+24.90	+25.46	+26.03	+27.96	+25.60	+26.11	+25.63
10	25.34	25.27	25.05	25.07	24.45	26.49	25.84	e27.38	28.25	27.08	25.74	25.96
15	25.32	24.95	25.04	24.88	25.36	26.88	26.12	e27.61	28.23	26.74	25.35	25.78
20	25.28	24.96	24.94	24.78	25.49	26.89	26.20	e27.35	27.51	26.91	25.28	25.70
25	25.15	25.03	24.87	24.70	25.15	26.70	27.94	e27.05	26.73	26.96	25.35	26.05
Eom	25.06	24.96	25.19	24.63	25.17	25.97	26.85	e27.33	26.12	26.26	25.38	25.78
1972												
5	+25.83	+25.73	+24.73	+26.23	+25.27	+25.33	+25.81	+24.77	+26.19	+24.78	+25.29	+26.04
10	25.73	25.67	24.91	25.65	25.18	24.79	26.55	24.84	25.65	24.80	25.43	25.96
15	25.76	25.41	25.03	25.29	25.65	24.83	26.31	24.91	25.33	24.91	25.93	25.97
20	25.51	25.26	25.06	25.25	26.23	28.29	25.77	25.64	25.00	25.00	26.33	25.94
25	25.23	24.89	25.01	25.24	25.46	27.31	25.28	26.96	24.69	25.09	26.17	26.26
Eom	25.21	24.71	26.80	25.34	25.08	26.44	24.94	27.03	24.68	25.19	26.21	25.66
1973												
5	+25.79	+26.16	+25.58	+25.66	+25.25	+25.61	+26.33	+27.80	+26.09	.....	.....	.....
10	26.11	26.63	25.46	26.20	26.17	26.45	26.90	27.40	25.56	.....	.....	.....
15	26.25	26.41	25.37	25.53	26.41	26.01	27.60	26.80	25.91	.....	.....	.....
20	25.75	26.12	25.43	25.23	25.73	26.55	27.42	26.09	.....	.....	.....	.....
25	26.24	25.83	25.50	25.03	25.26	26.77	27.26	27.01	.....	.....	.....	.....
Eom	26.58	25.74	25.90	25.29	25.88	26.91	28.38	26.31	.....	.....	.....	.....

e Estimated.

271225081194301. Local number H14. U.S. Geol. Survey. At Childs (revised). Drilled observation water-table well in sand and gravel deposits of Pleistocene age; diam 6 in (15 cm); depth 35 ft (11 m); cased to 28 ft (9 m), previously reported 29 ft (9 m); gravel-packed 22-35 ft (7-11 m), previously reported 25-35 ft (8-11 m). Lsd 136.00 ft (41.45 m) above msl. MP top of casing, 3.31 ft (1.01 m) above lsd. Highest water level 127.56 ft (38.88 m) above msl, Oct. 10, 1953; lowest 114.50 ft (34.90 m) above msl, July 1, 1951. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+119.59	+118.99	+118.53	+119.34	+118.86	+118.53	+119.43	+119.12	+119.33	+120.80	+120.83	+120.40
10	119.50	118.90	119.33	119.28	118.76	118.46	119.37	119.43	119.23	121.01	120.88	120.35
15	119.40	118.81	119.62	119.19	118.67	118.40	119.33	119.50	119.14	120.87	120.75	120.35
20	119.28	118.73	119.57	119.11	118.55	119.28	119.25	119.57	119.00	120.68	120.70	120.29
25	119.19	118.65	119.50	119.03	118.64	119.56	119.19	119.60	119.46	120.60	120.56	120.25
Eom	119.07	118.60	119.41	118.93	118.59	119.55	119.11	119.49	119.83	120.55	120.50	120.14
1970												
5	+120.40	+120.55	+120.23	+121.76	+120.93	+120.28	+120.45	+121.85	+121.67	+121.26	+121.18	+120.47
10	120.35	120.60	120.18	121.56	120.80	120.23	121.16	121.69	121.54	121.18	121.02	120.35
15	120.35	120.54	120.36	121.45	120.66	120.79	121.67	121.55	121.46	121.11	120.93	120.23
20	120.68	120.41	120.52	121.34	120.52	120.76	121.84	121.43	121.48	121.20	120.82	120.12
25	120.60	120.33	120.67	121.19	120.48	120.56	122.13	121.61	121.40	121.14	120.70	120.01
Eom	120.48	120.29	121.82	121.06	120.36	120.54	122.10	121.76	121.34	121.30	120.60	119.88
1971												
5	+119.78	+119.16	+118.65	+118.14	+117.56	+117.00	+117.85	+118.09	+118.31	+119.37	+119.13	+118.67
10	119.68	119.07	118.57	118.04	117.46	117.40	117.87	118.03	118.62	119.30	119.08	118.58
15	119.58	118.98	118.50	117.95	117.36	117.46	117.88	117.95	119.43	119.28	119.00	118.49
20	119.48	118.87	118.42	117.86	117.27	117.53	117.88	117.88	119.70	119.29	118.93	118.40
25	119.38	118.80	118.33	117.77	117.18	117.70	117.93	117.93	119.64	119.26	118.84	118.32
Eom	119.27	118.75	118.23	117.67	117.08	117.80	118.04	118.23	119.49	119.19	118.75	118.20
1972												
5	+118.11	+117.57	+117.18	+117.71	+117.12	+116.64	+117.89	+117.33	+117.20	.....	+116.65	+116.26
10	118.02	117.49	117.10	117.69	117.03	116.57	117.78	117.25	117.13	.....	116.57	116.20
15	117.92	117.41	117.03	117.54	116.94	116.69	117.48	117.28	117.07	+116.97	116.50	116.13
20	117.83	117.34	116.96	117.40	116.86	117.61	117.60	117.51	117.00	116.87	116.43	116.08
25	117.73	117.28	116.88	117.30	116.77	118.14	117.52	117.51	116.93	116.80	116.37	116.04
Eom	117.63	117.22	117.24	117.20	116.69	118.98	117.42	117.38	116.86	116.72	116.32	115.99
1973												
5	+115.93	+116.14	+116.07	+115.82	+115.75	+115.68	+116.40	+116.65	+116.70	+118.10	+117.76	+117.32
10	115.89	116.12	115.97	115.90	115.72	115.64	116.44	116.61	116.77	118.12	117.69	117.26
15	116.03	116.17	115.89	115.88	115.77	115.59	116.50	116.65	117.00	118.09	117.61	117.18
20	116.18	116.17	115.85	115.88	115.80	115.56	116.55	116.50	117.42	118.03	117.55	117.11
25	116.20	116.18	115.81	115.82	115.81	116.23	116.60	116.60	117.72	117.93	117.46	117.07
Eom	116.19	116.15	115.86	115.78	115.74	116.34	116.66	116.72	117.99	117.85	117.38	116.98

e Estimated.

270202081203301. Local number H15. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age, diam 6 in (15 cm), depth 23 ft (7 m), cased to 19 ft (6 m), gravel-packed 18-23 ft (5-7 m). Lsd 58.52 ft (17.84 m), previously reported 58.50 ft (17.83 m), above msl. MP top of casing, 3.52 ft (1.07 m) above lsd. Highest water level 58.42 ft (17.81 m) above msl, July 27, Aug. 24, 1957; lowest 53.49 ft (16.30 m) above msl, June 27, 1956. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+56.98	+55.78	+55.77	+56.31	+56.53	+56.48	+57.76	+56.66	+56.04	+58.11	+57.14	+56.14
10	56.39	56.14	56.47	56.61	55.89	56.34	56.45	56.56	55.94	57.35	56.52	58.02
15	56.18	56.92	56.79	56.07	55.89	58.04	56.15	57.40	57.56	56.63	57.08	57.32
20	56.70	56.28	57.28	56.38	56.05	58.19	56.28	56.64	56.68	57.57	56.37	56.73
25	56.15	55.98	57.18	55.92	55.54	57.17	55.97	56.97	57.99	58.00	56.26	56.35
Eom	55.93	55.91	56.41	55.62	55.98	56.93	56.40	56.30	58.00	58.04	56.17	56.12

1970

5	.....	.....	+56.05	.....	+55.16	+57.49	+57.19	+55.75	+56.69	+56.40	+56.12	+55.33
10	+57.38	.....	.....	.....	55.03	57.00	56.57	56.04	56.10	56.70	55.85	55.24
15	.....	.....	.....	.....	54.89	57.34	56.45	56.55	56.71	56.09	55.72	55.19
20	.....	.....	.....	.....	.....	57.34	56.77	55.99	56.09	56.11	55.58	55.15
25	.....	.....	.....	.....	57.80	57.79	57.09	57.59	56.12	56.05	55.47	e55.08
Eom	.....	.....	57.07	.....	57.82	57.76	56.08	56.63	57.07	56.79	55.38	e55.01

1971

5	e+54.94	+54.63	+54.90	+54.40	+53.95	+54.22	+56.42	+56.38	+57.84	+56.02	+56.92	+56.20
10	54.89	55.18	54.75	54.33	53.87	54.27	56.17	56.20	58.08	57.72	56.62	55.90
15	54.83	55.10	54.65	54.24	54.64	54.83	56.64	58.14	57.87	57.92	56.18	55.73
20	54.76	54.97	54.58	54.17	54.78	55.22	57.09	57.68	57.66	56.87	56.05	55.61
25	54.73	55.18	54.50	54.10	54.59	55.78	57.77	57.20	56.56	56.54	55.89	55.75
Eom	54.67	55.07	54.44	54.03	54.40	56.20	57.02	57.35	56.23	56.35	55.83	55.45

1972

5	+55.43	+55.72	+55.22	+55.36	+54.27	+55.10	+55.94	+55.82	+57.07	+56.31	+54.85	+56.36
10	55.32	55.85	55.05	55.10	54.18	55.25	56.95	56.15	56.39	55.80	54.84	56.18
15	55.24	55.59	54.92	54.87	54.49	56.27	56.18	57.98	56.53	55.52	55.87	55.87
20	55.15	55.94	54.81	54.67	54.61	58.22	56.33	56.92	56.19	55.34	56.35	55.88
25	55.46	.....	54.69	54.50	54.40	56.60	56.20	57.72	55.95	55.14	56.27	56.44
Eom	55.24	55.32	55.52	54.37	54.09	56.13	55.82	58.31	55.70	54.97	56.44	56.03

1973

5	+55.92	+56.68	+56.15	+56.60	+55.43	+55.04	+56.48	+57.62	+56.51	+56.37	+56.17	.....
10	56.53	57.88	56.08	56.97	56.03	55.14	57.59	57.60	57.25	57.86	56.02	.....
15	56.56	57.29	55.89	56.21	55.76	54.89	57.25	56.97	57.19	56.72	55.89	.....
20	56.21	56.22	55.74	55.97	55.51	56.20	56.47	56.33	57.05	57.45	56.81	.....
25	56.91	56.34	55.58	55.73	55.10	56.35	57.02	56.78	57.72	56.60	55.74	.....
Eom	57.00	56.29	56.45	55.65	55.27	55.90	57.59	57.27	56.84	56.26	55.66	.....

e Estimated.

## Hillsborough County

280702082302801. Local number 13. City of St. Petersburg. Drilled unused artesian well in Floridan aquifer, diam 32 in (30 cm), depth 347 ft (105 m), cased to 46 ft (14 m). Lsd 55.82 ft (17.01 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 1.92 ft (1.50 m) below lsd, Sept. 23, 1947; lowest 33.14 ft (10.10 m) below lsd, Feb. 18, 1972. Records available: 1930-35, 1937, 1939-41, 1944-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.70	24.37	23.41	23.75	25.32	24.52	23.69	22.19	22.99	21.08	21.52	19.03
10	21.35	22.10	23.77	24.20	25.63	24.74	23.30	21.65	23.99	21.29	21.71	17.29
15	23.30	21.18	23.76	25.55	26.21	22.82	23.25	21.61	24.09	21.01	22.01	17.80
20	23.19	24.07	22.72	20.46	22.27	23.78	21.63	22.09	21.57	21.59	21.70	20.62
25	23.69	23.98	22.68	25.27	22.35	23.77	21.85	21.96	21.19	21.12	19.52	20.72
Eom	24.29	24.43	23.20	26.19	22.45	25.09	20.70	17.70	21.24	21.28	19.22	20.71

1970

5	20.31	20.86	20.85	20.33	25.18	24.53	25.42	26.19	21.09	19.62	20.65	23.40
10	20.41	20.60	20.19	20.60	25.76	24.70	26.07	24.15	21.00	20.55	20.64	23.34
15	19.90	20.84	19.34	20.94	28.70	26.15	26.10	24.09	19.22	20.79	21.04	23.73
20	20.60	20.73	20.30	22.79	29.13	26.50	26.55	21.85	19.61	20.63	20.79	23.76
25	20.88	20.82	20.34	23.77	24.58	26.08	26.11	23.83	19.80	20.43	20.86	23.55
Eom	21.24	21.04	19.85	24.95	24.98	24.44	25.97	23.04	19.49	20.08	20.91	23.64

1971

5	23.88	23.57	21.53	22.33	30.33	31.17	29.10	24.87	24.87	22.87	24.73	25.13
10	23.17	22.44	19.76	21.69	30.73	29.46	29.34	25.89	22.27	19.37	24.81	25.45
15	23.19	17.03	19.74	23.58	30.51	29.28	28.90	25.54	22.99	22.92	25.02	22.03
20	23.18	19.34	20.59	24.80	28.47	29.38	23.90	24.77	23.13	23.56	25.62	20.05
25	23.18	20.66	21.89	24.35	29.37	29.94	27.03	23.04	22.46	23.97	26.02	17.04
Eom	23.80	21.03	22.78	25.44	30.20	23.57	26.69	18.42	23.31	24.63	25.67	19.41

1972

5	24.51	16.27	24.54	19.53	28.45	28.05	24.27	28.35	20.85	24.26	28.70	24.52
10	23.46	17.20	23.70	24.52	25.71	31.47	25.52	29.37	24.22	25.61	28.89	25.90
15	23.40	22.80	25.15	26.70	22.94	24.52	26.29	29.09	23.32	26.67	28.17	27.67
20	23.32	16.87	26.10	20.04	24.46	23.10	25.19	25.81	24.87	29.00	25.84	25.02
25	21.48	22.68	21.80	29.37	26.16	21.51	25.04	22.77	25.86	29.86	25.22	25.88
Eom	18.51	23.39	20.71	28.03	27.29	24.42	25.63	19.64	27.32	27.51	24.65	25.81

1973

5	29.18	22.08	26.44	24.72	27.71	28.99	22.42	18.43	19.99	18.37	19.32	19.80
10	29.05	23.80	26.76	24.92	27.80	28.95	22.43	19.44	19.42	18.93	19.44	19.12
15	26.94	27.19	26.69	25.42	27.14	30.21	22.37	20.66	19.23	18.99	19.95	17.51
20	25.68	28.89	27.12	26.23	28.14	26.85	22.21	21.82	19.21	19.05	20.21	18.20
25	22.68	27.55	25.39	27.20	29.15	22.62	20.22	19.95	19.00	19.72	17.22	18.40
Eom	22.12	25.88	25.36	26.99	30.67	23.52	19.44	20.62	18.92	19.69	17.11	17.39

274455082252201. Local number 30. C. L. Council. Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 500 ft (152 m), cased to 34 ft (10 m). Lsd 6.82 ft (2.08 m) above msl. MP top of 5-in (15 cm) tee, at lsd. Highest water level 13.02 ft (3.97 m) above lsd, Sept. 6, 1950; lowest 6.09 ft (1.86 m) below lsd, May 25, 1973. Records available: 1950-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, above and below lsd, from recorder graph, 1969											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	...	+2.84	+3.98	+3.15	+2.33	....	....	e+5.40	+5.89	+6.11	+5.85
10	+4.67	4.19	5.07	3.08	-7.2	....	....	e5.50	5.70	5.85	5.70
15	4.83	4.43	4.89	2.21	....	....	+5.33	e5.50	5.49	5.19	5.51
20	5.49	4.42	5.48	2.39	....	....	e5.1	e5.60	5.89	5.40	5.63
25	5.08	4.71	5.80	+3.30	....	....	e5.2	e5.70	6.07	5.17	4.94
Eom	3.94	3.99	4.70	-2.20	....	....	e5.3	e5.80	5.96	6.00	5.11

1970

5	+5.40	+4.49	+4.10	+5.73	-0.54	+2.97	+3.79	+3.71	+4.27	+4.00	+2.82
10	4.80	5.10	5.50	3.53	2.71	2.97	3.60	3.89	4.41	3.83	2.10
15	5.73	4.10	5.44	2.82	4.18	2.67	3.96	4.34	4.55	3.90	3.05
20	5.90	3.85	5.35	+2.17	2.55	2.99	3.85	4.31	4.65	3.81	2.98
25	5.40	3.50	4.88	-.40	-.06	3.32	3.86	4.67	4.76	3.90	1.62
Eom	4.66	4.00	5.72	.44	+2.20	3.70	4.18	4.97	4.94	3.21	2.00

1971

5	+2.30	-2.62	-0.12	+0.69	-5.21	-1.75	+2.07	+3.90	+4.79	+3.89	+4.43
10	2.65	+1.07	+7.6	-1.76	5.18	+0.8	2.82	3.85	5.50	....	3.69
15	1.55	1.52	.67	3.20	e3.6	.41	2.90	4.92	5.55	....	4.08
20	+5.3	.82	+4.9	3.72	.18	.52	3.04	5.00	5.41	....	3.89
25	-1.59	.82	-.50	2.40	e2.3	1.10	3.39	4.71	4.78	....	2.50
Eom	1.36	+1.25	-.52	4.09	2.82	1.49	3.42	4.60	4.70	....	3.58

1972

5	+2.68	+2.30	+2.29	+2.40	-1.78	-1.56	+2.52	+2.20	+4.01	+2.38	+0.38
10	1.39	3.27	+2.6	+1.16	-1.71	-1.75	2.48	.90	3.91	1.98	.33
15	+1.5	3.71	-.53	-1.10	+7.7	+5.6	2.12	1.85	3.37	1.23	1.15
20	-.89	3.31	+1.63	3.60	+1.2	2.61	2.60	3.10	2.53	+4.9	2.15
25	+9.2	1.00	-.51	1.95	-1.09	2.79	3.09	3.55	2.67	-.11	2.70
Eom	.30	.71	+8.0	2.58	.58	2.59	2.69	3.89	1.62	-.04	3.02

1973

5	+2.48	+3.35	+0.65	+3.65	-1.34	-1.60	....	....	+4.49	+3.59	+2.70
10	2.25	3.12	1.69	3.58	1.14	-.52	....	+3.90	4.78	3.84	1.37
15	2.48	3.08	.70	1.89	2.11	+1.0	....	4.02	4.72	3.54	1.59
20	2.68	3.19	.55	+3.2	4.83	....	....	3.97	4.10	3.51	2.12
25	3.11	2.57	1.00	-.92	6.09	....	....	4.02	4.73	2.71	1.84
Eom	3.14	1.39	2.72	+1.01	4.75	+1.41	+3.72	3.72	4.68	2.05	1.45

e Estimated.

Holmes County

304322085561401. Local number 4. Mrs. Dan Hughes. Ponce de Leon. Drilled public-supply artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 187 ft (57 m), casing information not available. Lsd 62.18 ft (18.95 m) above msl. MP top of 6 x 4-in (15 x 10-cm) reducing tee, 1.50 ft (0.46 m) above lsd. Highest water level 6.90 ft (2.10 m) above lsd, May 6, 1964; lowest 0.83 ft (0.25 m) above lsd, Nov. 7, 1972. Records available: 1938, 1947-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	+2.34	Jan. 5, 1970	+2.91	May 5, 1971	+3.72	Sept. 5, 1972	+1.19
Mar. 3	2.40	Mar. 3	4.27	July 6	3.88	Nov. 7	.83
May 5	2.65	May 4	3.78	Sept. 15	3.14	Jan. 9, 1973	3.62
June 24	2.40	May 22	3.50	Nov. 8	2.56	Mar. 7	3.16
July 8	1.92	Aug. 31	3.30	Jan. 6, 1972	3.62	May 9	4.74
22	2.35	Nov. 3	3.46	Mar. 2	3.34	July 10	2.94
Aug. 21	4.28	Jan. 14, 1971	3.70	May 5	2.68	Sept. 5	2.60
Sept. 2	4.15	Mar. 9	4.83	July 14	3.60	Oct. 30	1.57
Nov. 4	2.85						

Indian River County

273923080471801. Local number IR25. U.S. Geol. Survey. Drilled (previously reported jetted) observation water-table well in sand and gravel deposits of Pleistocene age, diam 5 in (15 cm), depth 19 ft (6 m), cased to 13 ft (4 m), gravel-packed 11-19 ft (3-6 m). Lsd 30.01 ft (9.15 m), previously reported 30.00 ft (9.14 m), above msl. MP top of casing, 2.21 ft (0.67 m) above lsd. Highest water level 31.82 ft (9.70 m) above msl, Oct. 1, 1965; lowest 25.16 ft (7.67 m) above msl, June 2, 1967. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	+28.54	+27.55	+27.37	+29.04	+29.29	+28.86	+27.66	+29.15	+28.90	+30.36	+29.69
10	28.35	27.56	29.90	29.01	28.79	28.66	28.21	29.76	29.26	29.56	29.34
15	28.13	27.37	29.21	28.71	29.04	28.71	27.71	30.17	28.91	29.22	29.74
20	27.98	27.84	29.67	28.89	29.71	28.23	27.49	29.56	28.96	29.27	29.26
25	27.81	27.57	29.63	28.83	29.16	28.02	27.43	29.79	29.82	29.56	29.03
Eom	27.66	27.43	29.08	28.35	28.75	28.06	27.31	29.15	30.23	30.41	29.11

273923080471801--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+29.39	+29.56	+28.73	+28.99	+27.34	+27.36	+26.30	+27.14	+27.44	+27.95	+26.99	e+26.41
10	29.49	29.23	28.79	28.74	27.04	27.10	27.26	27.96	27.19	27.71	26.79	e26.38
15	30.02	29.01	28.97	28.49	26.83	26.76	27.71	27.56	27.19	e27.43	26.71	e26.31
20	29.46	28.94	28.66	28.18	26.58	26.59	27.80	27.19	26.93	e27.21	e26.65	e26.24
25	29.19	29.00	29.49	27.84	27.26	26.45	28.11	28.46	26.73	e26.81	e26.59	e26.19
Eom	29.01	28.84	29.28	27.58	27.34	26.28	27.54	27.87	26.86	26.86	e26.51	e26.11
1971												
5	.....	.....	+27.39	+26.59	+25.99	+26.21	+28.09	+29.91	+28.94	+28.56	+28.61	+27.99
10	.....	+27.43	27.11	26.50	25.83	28.11	28.38	29.88	29.48	28.87	28.48	27.80
15	+25.93	27.43	26.93	26.42	26.04	28.17	28.74	26.90	29.76	29.04	28.23	27.64
20	.....	27.29	26.97	26.32	26.41	28.52	29.67	29.68	29.22	29.44	28.09	27.54
25	.....	27.61	26.77	26.23	26.17	28.46	29.58	29.18	29.21	28.99	27.96	27.87
Eom	25.71	27.55	26.66	26.11	25.96	28.51	29.70	29.06	28.80	28.79	27.90	27.56
1972												
5	+27.45	+28.33	+27.76	+27.53	+27.66	+28.67	+28.74	+28.43	+29.45	+28.81	+27.45	+27.57
10	27.37	28.46	27.57	27.30	29.13	28.40	29.35	28.22	29.01	28.29	27.26	27.38
15	27.27	28.29	27.35	27.04	29.24	29.29	29.81	27.99	28.76	28.04	27.20	27.26
20	27.21	28.32	27.17	26.88	29.24	30.47	29.32	27.82	28.46	28.24	27.24	27.49
25	27.17	27.99	27.98	.....	28.91	29.31	29.83	28.64	28.57	27.85	27.19	28.01
Eom	27.14	27.84	27.64	27.83	28.59	28.99	28.84	29.69	28.16	27.63	27.77	27.74
1973												
5	+27.60	+28.69	+28.14	+28.76	+27.93	+26.79	+28.56	+29.63	+29.58	+29.27	+29.14	+28.06
10	27.58	29.08	28.71	28.84	28.06	27.43	29.16	29.44	29.11	29.64	28.86	28.01
15	28.31	28.78	28.31	28.54	27.63	28.13	29.47	29.73	29.02	29.19	28.68	27.84
20	28.03	28.61	27.98	28.31	27.26	28.36	29.05	29.26	29.14	29.71	28.59	28.47
25	28.78	28.34	28.50	27.84	27.30	29.17	29.23	29.02	29.38	29.24	28.45	28.28
Eom	28.81	28.29	27.69	27.69	27.05	28.79	29.92	28.99	29.76	28.99	28.24	28.02

Jackson County

304230084532301. Local number 23. Florida State Hospital. Drilled irrigation artesian well in Floridan aquifer, diam 12 in (30 cm), depth 475 ft (145 m), cased to 100 ft (30 m). Led 94.63 ft (28.84 m) above msl. MP 1-in (2.5 cm) hole in pumpbase, 2.42 ft (0.74 m) above lsd. Highest water level 16.40 ft (5.00 m) below lsd, Mar. 9, 1966; lowest 43.76 ft (13.34 m) below lsd, Nov. 2, 1951. Records available: 1950-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	26.13	June 22, 1970	25.40	Sept. 15, 1971	26.65	Nov. 7, 1972	27.71
Mar. 3	26.01	Aug. 31	24.93	Nov. 8	27.03	Jan. 9, 1973	23.90
July 8	27.11	Nov. 3	26.17	Jan. 11, 1972	26.38	Mar. 6	23.26
Sept. 2	26.21	Jan. 11, 1971	24.99	Mar. 2	22.23	May 3	20.29
Nov. 4	25.48	Mar. 10	19.46	May 1	24.61	July 10	24.69
Jan. 5, 1970	25.43	May 3	22.85	July 14	24.49	Sept. 5	26.01
Mar. 3	23.50	July 6	25.85	Sept. 5	26.63	Oct. 30	26.95
May 4	23.45						

Lake County

282245081492601. Local number 822-149-213. U.S. Geol. Survey. Drilled observation artesian well in Floridan aquifer, diam 6 in (15 cm), depth 192 ft (59 m), cased to 100 ft (30 m). Led 113.47 ft (34.59 m) above msl. MP top of 6-in (15 cm) nipple, 3.18 ft (0.97 m) above lsd. Highest water level 0.75 ft (0.23 m) below lsd, Sept. 10, 11, 1960; lowest 5.95 ft (1.81 m) below lsd, May 8, 1968. Records available: 1959-61, 1963-73. No measurement made in 1962. Recording gage removed December 1961.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	2.08	1.77	2.06	1.93	1.46	....	....	1.93	....	2.45
10	....	....	2.23	2.00	2.29	2.05	1.41	....	1.52	1.74	2.07	2.50
15	....	....	1.99	1.76	2.13	2.19	1.12	....	1.35	....	2.16	2.58
20	....	....	1.33	1.54	1.92	1.53	1.47	....	1.29	....	2.28	2.60
25	....	2.62	1.62	1.63	1.86	1.57	1.60	....	1.47	....	2.16	2.39
Eom	2.54	2.33	1.66	1.79	1.82	1.86	1.83	....	1.75	....	2.43	2.50
1960												
5	2.49	2.27	2.11	1.20	1.89	2.52	2.78	1.42	e1.83	1.43	....	2.87
10	2.60	2.20	2.12	1.53	2.16	2.58	2.59	1.55	.75	1.32	2.27	2.92
15	2.60	2.44	1.67	1.83	2.45	2.85	2.43	1.50	1.12	1.54	2.37	2.66
20	2.85	2.52	1.12	2.05	2.67	2.75	2.30	1.82	1.21	1.77	2.52	2.70
25	2.89	2.09	1.27	2.08	2.87	2.64	2.14	2.03	1.15	2.02	2.60	2.72
Eom	2.58	2.10	1.35	1.94	3.01	2.66	1.40	2.26	1.20	2.00	2.67	2.73
1961												
5	2.92	2.42	2.70	3.02	4.14	e5.11	4.03	3.41	2.69	3.85	4.24	4.71
10	2.85	2.22	2.90	3.04	4.09	5.09	....	3.70	2.88	4.05	4.27	4.88
15	2.50	2.33	2.75	3.24	4.31	5.10	2.92	3.90	3.06	3.74	4.37	4.80
20	2.53	2.45	2.66	3.52	4.62	5.04	2.77	3.07	3.07	3.78	4.52	....
25	2.77	2.35	2.81	3.62	4.84	4.40	2.95	3.00	3.35	4.08	....	....
Eom	2.80	2.55	2.82	3.95	4.81	3.96	3.35	2.68	3.61	4.07	4.67	....

e Estimated.



282245081492601--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1963	3.84	Sept. 13, 1967	2.43	Sept. 9, 1969	2.00	May 23, 1972	3.60
June 27	3.61	Nov. 2	3.11	Nov. 4	1.80	July 7	3.22
Jan. 27, 1964	2.27	Jan. 9, 1968	3.71	Jan. 8, 1970	1.78	Sept. 8	3.07
May 14	2.85	May 8	5.95	Mar. 4	2.27	Oct. 27	4.23
Nov. 11	2.96	July 2	2.62	May 1	4.33	Jan. 3, 1973	3.16
May 7, 1965	4.71	Sept. 20	2.12	July 10	2.95	Mar. 5	2.95
Feb. 10, 1966	2.51	Nov. 6	2.55	Sept. 1	2.97	May 6	4.39
May 25	4.09	Jan. 3, 1969	3.00	May 4, 1971	5.12	July 9	2.99
Sept. 15	2.04	Mar. 6	2.68	Jan. 6, 1972	3.85	Sept. 6	2.12
Jan. 17, 1967	3.51	May 7	3.93	Mar. 8	3.36	Nov. 1	3.52
May 10	5.77	July 1	5.21				

290950081315501. Local number 22. Earl Little. At Astor, Levy Grant. Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 254 ft (77 m), casing information not available. Lsd 16.65 ft (5.07 m) above msl. MP top of 6-in (15 cm) coupling, 3.50 ft (1.07 m) above lsd. Highest water level 0.5 ft (0.2 m) above lsd, October 1945; lowest 5.30 ft (1.62 m) below lsd, May 1, 1968. Records available: 1936-73.

Jan. 9, 1969	2.18	May 3, 1970	2.80	Sept. 7, 1971	3.90	Oct. 30, 1972	3.36
Mar. 5	2.40	July 9	3.41	Nov. 2	3.76	Jan. 4, 1973	2.54
May 6	3.79	Sept. 3	3.22	Jan. 3, 1972	3.08	Mar. 5	2.33
July 8	4.04	Nov. 6	3.22	Mar. 2	2.63	May 3	3.03
Sept. 5	2.38	Jan. 6, 1971	3.30	May 8	2.97	July 9	3.06
Nov. 4	1.68	Mar. 2	2.55	July 5	3.26	Sept. 4	2.75
Jan. 14, 1970	1.15	May 3	3.48	Sept. 1	3.34	Nov. 1	2.46
Mar. 13	.62	June 28	4.40				

290000081380001. Local number 333. U.S. Forest Service. North of Altoona. Drilled public-supply artesian well in Floridan aquifer, diam 6 in (15 cm), depth 500 ft (152 m), casing information not available. Lsd 61.70 ft (18.81 m) above msl. MP top of access port in sanitary seal, 0.87 ft (0.27 m) above lsd. Highest water level 8.58 ft (2.62 m) below lsd, Mar. 13, 1970; lowest 15.08 ft (4.60 m) below lsd, May 20, 1968. Records available: 1967-73.

Sept. 21, 1967	11.68	May 2, 1970	9.21	June 30, 1971	13.11	Oct. 27, 1972	14.35
May 20, 1968	15.08	July 9	9.81	Sept. 10	12.33	Jan. 4, 1973	14.54
Oct. 2	10.98	Sept. 2	9.83	Jan. 6, 1972	13.18	Mar. 6	14.48
May 19, 1969	12.10	Nov. 6	9.91	Mar. 7	13.60	May 3	14.91
Oct. 20	10.11	Jan. 6, 1971	10.85	May 11	13.65	July 9	14.65
Jan. 21, 1970	9.70	Mar. 5	11.51	July 5	13.79	Sept. 6	13.46
Mar. 13	8.58	May 3	11.05	Sept. 6	13.80	Nov. 1	13.27

## Lee County

263802081493501. Local number L246. U.S. Geol. Survey. Drilled observation water-table well in shell marl of Tamiami Formation of Miocene age, diam 8 in (20 cm), depth 27 ft (8 m), cased to 19 ft (6 m). Lsd 19.36 ft (5.90 m) above msl. MP top of casing, 2.89 ft (0.88 m) above lsd. Highest water level 19.75 ft (6.02 m) above msl, Sept. 21, 1962; lowest 9.69 ft (2.95 m) above msl, June 8, 1949. Records available: 1915-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+18.13	+17.07	+18.17	+18.50	.....	+15.94	+18.28	+19.28	+19.26	+19.25	.....	+17.96
10	17.75	17.68	19.15	18.15	.....	11.11	17.80	18.95	19.04	19.06	.....	19.48
15	17.72	19.07	18.90	18.68	.....	18.32	17.53	19.01	19.30	18.86	.....	.....
20	18.06	18.76	18.90	17.48	.....	17.77	18.35	18.72	.....	19.05	.....	.....
25	17.55	18.05	19.00	17.06	.....	.....	17.92	18.85	.....	19.34	.....	.....
Eom	17.23	17.96	18.52	.....	+17.35	18.29	17.73	19.03	.....	.....	.....	.....

1970

5	.....	+19.03	+17.73	+19.08	+17.08	+19.10	+19.26	+18.50	+18.83	+18.86	+18.15	+17.06
10	.....	18.72	19.29	18.83	16.73	18.45	19.32	18.75	18.92	19.03	17.76	16.94
15	.....	18.63	19.38	18.65	.....	18.13	.....	18.35	19.35	18.63	18.18	16.87
20	.....	.....	19.13	18.21	.....	19.04	.....	18.30	19.20	19.10	17.45	16.98
25	+18.92	.....	19.00	17.83	.....	19.22	.....	19.22	18.61	17.22	16.89	.....
Eom	18.79	18.02	19.34	17.46	19.04	18.95	19.14	18.64	19.32	18.51	17.15	17.22

1971

5	+17.04	+16.69	+17.07	+16.75	+15.85	+17.24	+18.79	+18.56	+18.88	+18.37	+18.88	+17.98
10	16.99	17.61	16.98	16.64	15.68	17.26	19.02	17.86	19.51	19.19	18.51	17.35
15	16.85	17.45	16.72	16.40	17.52	16.86	18.43	18.67	.....	18.90	.....	17.32
20	17.25	17.13	16.53	16.22	17.04	16.40	18.06	18.40	.....	18.95	.....	17.15
25	17.09	17.69	16.36	16.07	16.76	16.15	17.70	18.21	18.83	19.21	.....	17.06
Eom	16.82	17.38	16.17	15.93	16.52	17.20	18.46	18.42	18.44	18.80	17.78	16.89

1972

5	+16.74	+17.68	+17.06	+18.16	+16.68	+18.42	+18.87	+19.08	+19.30	+18.81	+17.68	+18.68
10	16.59	17.80	16.71	17.95	17.13	17.70	19.29	19.01	19.02	18.29	17.71	18.51
15	16.71	17.40	16.90	17.52	18.36	18.34	19.30	18.76	18.89	17.93	19.42	18.65
20	16.68	17.52	17.07	17.24	17.84	19.34	18.97	19.31	19.16	17.65	19.31	18.21
25	17.21	17.14	17.37	17.02	17.42	18.81	18.48	18.90	19.01	17.36	19.15	18.52
Eom	17.09	16.91	18.86	16.80	16.91	18.61	19.31	19.40	18.56	17.31	18.81	18.42

1973

5	+18.07	+18.55	+17.98	+18.86	+17.37	+15.93	+18.97	+19.23	+19.37	+18.88	+16.83	+16.36
10	18.25	19.18	17.76	19.10	17.23	15.56	19.16	19.52	18.72	18.47	16.83	16.34
15	18.67	18.84	17.53	18.48	16.76	16.85	18.79	19.15	19.25	17.95	16.63	16.35
20	18.54	18.86	17.25	18.08	16.51	16.66	19.31	18.95	18.92	17.50	16.91	17.81
25	18.90	18.50	19.56	17.76	16.28	17.11	19.41	18.65	18.82	17.14	16.50	17.65
Eom	18.68	18.35	19.00	17.96	16.04	16.53	19.32	18.85	19.05	17.00	16.38	17.50

263824081431601. Local number L414. Lee County and City of Fort Myers. Drilled unused water-table well in limestone of Hawthorn Formation of Miocene age, diam 8 in (20 cm), depth 94 ft (29 m), cased to 60 ft (18 m). Lsd 20.80 ft (6.34 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 19.85 ft (6.05 m) above msl, June 20, 1959; lowest 18.72 ft (3.27 m) above msl, Mar. 31, 1968. Records available: 1948-70. Measurement discontinued. Water levels affected by pumping of nearby wells.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+16.45	+13.50	+16.30	+17.45	+16.31	+16.42	+17.98	+18.00	+18.00	+18.74	+18.66	+16.82
10	16.70	15.73	17.91	16.48	15.97	16.72	17.68	17.92	17.67	18.22	18.25	17.62
15	16.27	15.98	17.70	16.40	16.28	17.31	17.53	18.00	18.05	17.40	18.00	17.82
20	16.80	16.75	17.78	16.90	16.50	18.12	17.80	18.00	18.06	17.78	17.74	17.60
25	16.68	16.70	17.39	16.00	16.57	17.79	17.45	17.80	18.06	18.51	17.39	17.48
Eom	15.40	16.30	17.14	16.30	16.50	17.43	17.20	17.61	18.71	19.11	16.15	17.38
1970												
5	+18.00	+18.16	+16.63	+18.32	+15.39	+18.32	+17.43	+17.35	+18.31	+18.00	+16.59	+14.61
10	18.13	17.97	18.28	17.82	15.42	17.86	18.34	17.30	18.50	18.01	16.30	14.51
15	18.45	17.62	18.82	17.37	14.72	17.81	17.88	17.56	18.34	17.40	16.16	14.36
20	18.31	17.53	18.35	16.99	15.01	18.24	17.31	17.45	18.65	17.14	16.16	15.36
25	18.00	17.23	18.75	15.09	16.57	18.23	17.48	18.16	18.29	17.09	15.73	14.31
Eom	17.69	17.00	18.92	15.95	18.23	17.82	17.06	17.89	18.20	16.09	15.92	15.21

### Leon County

302710084163001. Local number 7. City of Tallahassee. Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), depth 314 ft (96 m), cased to 165 ft (50 m). Lsd 186.50 ft (56.85 m) above msl. MP top of casing, 1.20 ft (0.37 m) above lsd. Highest water level 148.84 ft (45.37 m) below lsd, Apr. 26, 1948; lowest 170.08 ft (51.84 m) below lsd, June 14, 1955. Records available: 1945-73. Water levels affected by pumping of nearby wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1969	167.60	May 26, 1970	162.58	Sept. 28, 1971	164.07	Oct. 27, 1972	166.40
Feb. 26	167.46	June 29	164.04	Oct. 28	165.35	Nov. 29	166.45
Mar. 27	165.70	July 28	162.88	Nov. 29	165.90	Dec. 27	166.20
Apr. 28	166.02	Aug. 25	162.10	Dec. 27	166.50	Jan. 30, 1973	165.75
May 25	166.77	Sept. 28	162.17	Jan. 28, 1972	165.63	Feb. 27	162.52
June 24	167.63	Oct. 27	163.55	Feb. 28	163.84	Mar. 28	162.40
July 28	165.69	Nov. 25	164.40	Mar. 29	163.70	Apr. 27	154.99
Aug. 27	163.77	Dec. 29	165.00	Apr. 24	162.80	May 31	156.03
Sept. 26	162.91	Jan. 27, 1971	165.54	May 26	164.08	June 27	156.53
Oct. 27	162.42	Feb. 24	164.93	June 27	164.28	July 30	156.92
Nov. 2	164.07	Mar. 29	164.72	July 26	163.95	Aug. 29	157.12
Dec. 29	164.71	Apr. 28	165.08	Aug. 21	164.63	Sept. 28	158.00
Jan. 28, 1970	164.21	May 24	165.62	Oct. 28	164.42	Oct. 29	159.64
Feb. 24	163.70	June 28	166.44	Sept. 28	165.30	Nov. 28	160.93
Mar. 26	161.90	July 27	165.87	Oct. 6	166.10	Dec. 28	161.62
Apr. 27	161.03	Aug. 26	163.73				

303728084101201. Local number 36A. U.S. Geol. Survey. Drilled observation water-table well in sandy clay of Hawthorn Formation of Miocene age, diam 1 1/2 in (3 cm), depth 41 ft (12 m), cased to 38 ft (11.6 m), screened 38-41 ft (11.6-12.5 m). Lsd 102.12 ft (31.13 m) above msl. MP top of 1 1/2-in (3 cm) pipe, 3.85 ft (1.17 m) above lsd. Highest water level 1.95 ft (0.59 m) above lsd, Apr. 27, 1965; lowest 33.66 ft (10.26 m) below lsd, Feb. 28, 1957. Records available: 1935-37, 1942-44, 1947-73.

Jan. 28, 1969	27.39	May 26, 1970	12.45	Aug. 26, 1971	25.60	Oct. 27, 1972	21.90
Feb. 26	27.73	June 29	16.27	Sept. 28	26.18	Nov. 29	23.60
Mar. 27	26.06	July 28	17.23	Oct. 28	26.94	Dec. 27	24.20
Apr. 28	24.77	Aug. 25	16.08	Nov. 29	27.80	Jan. 30, 1973	23.30
May 26	24.83	Sept. 28	18.45	Dec. 27	28.45	Feb. 27	11.27
June 23	25.47	Oct. 27	19.99	Jan. 28, 1972	28.40	Mar. 28	9.37
July 28	25.99	Nov. 25	21.40	Feb. 28	25.23	Apr. 27	2.43
Aug. 27	26.55	Dec. 29	22.55	Mar. 29	24.05	May 31	3.01
Sept. 26	22.79	Jan. 27, 1971	24.00	Apr. 24	23.36	June 27	3.33
Oct. 28	23.50	Feb. 24	24.09	May 26	23.37	July 30	5.73
Nov. 25	24.19	Mar. 29	23.33	June 27	19.05	Aug. 29	6.65
Dec. 29	24.45	Apr. 28	22.95	July 26	16.68	Sept. 28	6.12
Jan. 28, 1970	22.62	May 24	23.10	Aug. 21	18.24	Oct. 29	7.87
Feb. 24	16.01	June 28	24.00	Sept. 28	18.57	Nov. 28	8.65
Mar. 26	10.98	July 27	24.89		20.69	Dec. 28	6.54
Apr. 27	8.23						

303111084205401. Local number 115. Jack Sanders. Drilled domestic artesian well in Floridan aquifer, diam 4 in (10 cm), depth 194 ft (59 m), cased to 104 ft (32 m). Lsd 113 ft (34 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 74.6 ft (22.7 m) below lsd, June 28, 1965; lowest 94.3 ft (28.7 m) below lsd, Apr. 2, 1957. Records available: 1950-73.

Jan. 27, 1969	90.5	Feb. 26, 1970	86.1	Apr. 28, 1971	87.7	Nov. 2, 1972	88.3
Feb. 26	90.2	Mar. 26	84.2	July 27	88.0	29	88.3
Mar. 28	89.3	Apr. 27	83.1	Aug. 26	87.2	Jan. 16, 1973	87.2
Apr. 28	88.4	May 26	84.5	Sept. 28	87.4	30	88.1
May 28	89.9	June 29	85.8	Oct. 28	87.6	Feb. 27	86.6
June 27	90.5	July 28	84.9	Nov. 29	88.4	Apr. 27	83.2
July 28	89.7	Aug. 31	83.6	Mar. 8, 1972	87.3	May 31	79.2
Aug. 29	87.7	Sept. 28	83.7	29	87.6	July 9	77.4
Sept. 29	85.4	Nov. 12	85.4	Apr. 28	87.3	30	79.4
Oct. 28	84.9	25	86.1	May 28	87.0	Aug. 29	79.7
Nov. 26	86.1	Jan. 4, 1971	86.2	June 27	87.3	Oct. 30	81.9
Dec. 30	87.2	Mar. 2	86.3	Aug. 28	87.1	Nov. 28	82.9
Jan. 28, 1970	87.0	26	87.1	Sept. 28	87.8	Dec. 28	83.1

303142084214601. Local number 031-421-132. U.S. Geol. Survey. Drilled test artesian well in Floridan aquifer, diam 6 in (15 cm), depth 225 ft (69 m), cased to 100 ft (30 m). Lsd 122.20 ft (37.25 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 81.28 ft (24.77 m) below lsd, June 29, 1973; lowest 94.16 ft (28.70 m) below lsd, Jan. 7, 1972. Records available: 1966-73.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.90	83.22
10	.....	.....	.....	.....	.....	.....	.....	.....	h86.16	.....	82.70	83.25
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.77	83.77
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	h83.20	82.89	84.03
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.91	82.86	84.53
Eom	.....	.....	.....	.....	.....	.....	.....	.....	h83.16	82.70	83.05	84.59

1967

5	84.32	83.62	82.57	83.02	84.20	85.21	85.67	85.39	84.01	84.42	85.58	86.69
10	84.23	83.23	82.62	83.17	84.45	85.38	85.80	85.48	83.80	84.75	85.83	86.57
15	83.86	83.07	82.63	83.08	84.61	85.53	85.64	85.37	83.76	84.98	85.83	86.76
20	83.96	82.67	82.80	.....	84.91	85.99	85.59	84.94	83.95	85.18	86.09	87.01
25	83.77	82.89	82.80	83.62	84.88	86.13	85.54	84.65	84.13	85.12	86.20	87.97
Eom	83.85	82.64	82.96	83.75	85.06	85.89	85.42	84.24	84.27	85.40	86.37	86.96

1968

5	87.13	87.26	87.57	88.31	88.82	89.47	89.92	90.06	90.46	91.02	91.34	91.68
10	86.91	87.27	87.58	88.27	88.95	89.48	89.96	90.11	90.58	91.10	91.35	91.79
15	87.03	87.58	87.84	88.25	88.92	89.65	90.02	90.20	90.68	91.19	91.54	91.80
20	87.09	87.51	87.82	88.55	89.11	89.77	89.96	90.26	90.77	91.26	91.77	91.74
25	87.02	87.67	88.12	88.71	89.19	89.69	90.02	90.31	90.78	91.15	91.72	91.75
Eom	87.26	87.28	88.18	88.73	89.25	89.94	90.08	90.37	90.95	91.37	91.73	91.82

1969

5	91.70	92.01	91.87	90.67	91.12	92.08	93.25	91.17	90.20	87.14	88.20	89.91
10	91.73	92.09	91.86	90.69	91.30	92.16	93.24	90.59	90.34	86.71	88.51	89.51
15	91.88	91.74	91.90	90.68	91.32	92.29	93.39	90.37	90.52	87.06	89.01	90.01
20	91.76	92.07	91.64	90.85	91.44	92.71	93.22	90.18	90.63	87.36	89.26	90.25
25	91.98	91.95	91.10	90.36	91.60	92.95	92.56	90.14	88.95	87.77	89.19	90.02
Eom	91.95	91.85	91.00	91.00	91.83	93.15	91.70	90.18	87.66	87.79	89.66	90.36

1970

5	90.43	89.98	89.32	87.25	87.30	88.27	89.81	88.54	87.39	88.10	89.42	90.43
10	90.43	89.90	89.12	87.03	87.51	88.66	90.04	88.34	87.53	88.22	89.47	90.59
15	90.39	89.85	89.71	86.87	87.76	88.92	90.22	88.08	87.51	e88.5	89.70	90.68
20	90.20	89.58	88.21	86.80	88.00	89.20	90.20	.....	87.60	88.72	89.79	90.94
25	90.17	89.19	87.96	87.03	88.19	89.42	89.36	.....	87.75	88.84	90.19	90.85
Eom	90.35	89.64	87.58	87.18	88.35	89.66	88.59	h87.46	87.80	89.19	90.30	.....

1971

5	91.21	91.75	91.47	91.22	92.24	92.80	93.28	92.67	91.13	91.92	92.82	93.57
10	.....	91.69	91.28	91.52	92.28	92.98	93.33	92.23	91.02	91.92	92.96	93.53
15	.....	91.53	91.31	91.63	92.24	93.01	93.33	91.93	91.16	92.13	93.15	93.53
20	.....	91.42	91.34	91.80	92.38	93.12	93.29	91.76	91.34	92.26	e93.2	.....
25	.....	91.47	91.26	91.98	92.47	93.23	93.25	91.57	91.49	92.33	e93.4	h93.81
Eom	91.64	91.48	91.40	92.08	92.60	93.33	93.10	91.27	91.61	92.57	93.45	93.77

1972

5	93.83	92.92	91.07	90.52	90.89	91.29	90.78	90.97	91.58	92.58	h93.39	93.46
10	93.88	92.86	91.18	90.43	90.83	91.28	90.79	91.23	91.80	92.99	.....	93.50
15	93.94	92.17	90.95	90.37	90.51	91.72	90.84	91.27	91.92	93.03	.....	93.37
20	93.65	92.13	91.16	90.41	90.75	91.26	90.77	91.45	92.17	93.28	.....	93.37
25	93.58	91.75	90.94	90.40	91.00	91.30	90.77	91.67	92.38	93.19	.....	93.52
Eom	93.25	91.24	90.68	90.66	91.10	90.91	90.99	91.62	92.42	.....	93.50	93.31

1973

5	93.14	92.30	89.96	86.88	81.88	81.86	82.41	82.41	82.89	.....	.....	.....
10	93.11	.....	89.51	84.83	81.75	81.66	82.20	82.20	82.01	.....	.....	.....
15	93.10	.....	89.23	83.60	81.80	81.49	82.37	82.37	82.89	.....	.....	.....
20	92.99	90.55	89.11	82.85	81.74	81.60	82.37	82.37	83.30	.....	.....	.....
25	93.02	90.30	88.92	82.25	81.65	81.32	82.72	82.72	83.58	.....	.....	.....
Eom	92.76	90.20	88.51	82.04	81.78	82.45	82.45	83.03	83.78	.....	.....	87.10

e Estimated.

h Tape measurement.

303142084214602. Local number 031-421-132A. U.S. Geol. Survey. Drilled test artesian well in sand of Hawthorn Formation of Miocene age, diam 6 in (15 cm), depth 54 ft (16 m), screened 49-54 ft (15-16 m). Lsd 122.26 ft (37.26 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 28.41 ft (8.66 m) below lsd, Sept. 30, 1966; lowest 42.83 ft (13.05 m) below lsd, Dec. 17, 1972. Records available: 1966-73.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.27	29.82
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.10	29.74
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.42	30.15
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	h28.41	28.79	29.92
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.79	29.40	30.46
Eom	.....	.....	.....	.....	.....	.....	.....	.....	h28.41	28.84	29.66	30.23

1967

5	30.50	29.69	29.47	30.09	30.83	31.54	31.97	31.75	31.87	32.18	33.06	h33.62
10	30.25	29.76	29.77	30.16	30.99	31.59	31.84	31.84	31.64	32.15	33.06	33.27
15	29.86	29.83	29.65	30.30	31.10	31.78	31.69	32.02	31.76	32.52	32.87	33.63
20	30.05	29.50	29.83	30.36	31.33	31.86	31.80	.....	31.99	32.64	33.15	33.92
25	29.75	29.93	.....	30.61	31.48	32.09	31.70	.....	.....	32.55	33.11	33.67
Eom	29.86	29.47	30.10	30.69	31.43	31.91	31.73	h31.85	32.22	32.75	33.35	33.74

303142084214602--Continued.

1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	34.00	34.03	34.35	34.59	34.90	35.46	36.11	36.55	36.97	37.46	37.86	38.52
10	33.59	33.91	34.17	34.63	35.15	35.65	36.24	36.47	36.92	37.57	37.85	38.82
15	33.70	34.17	34.76	34.56	35.15	35.85	36.50	36.70	37.07	37.60	38.24	38.58
20	33.92	33.95	34.49	34.82	35.32	35.81	36.41	36.78	37.18	37.74	38.50	38.54
25	33.69	34.43	34.56	35.00	35.37	35.90	36.45	36.71	37.16	37.79	38.30	38.85
Eom	34.02	33.92	34.49	34.99	35.54	36.18	36.50	36.80	37.51	38.12	38.45	38.87
1969												
5	38.90	39.32	39.54	39.04	39.12	39.53	40.01	39.90	39.19	36.59	35.24	35.80
10	38.80	39.45	39.61	39.03	39.26	39.52	40.01	39.59	39.16	35.93	35.17	35.34
15	39.15	39.02	39.67	39.06	39.21	39.55	40.10	39.57	39.13	35.52	35.53	35.86
20	38.80	39.57	39.54	39.08	39.33	39.72	40.11	39.42	39.14	35.33	35.57	35.95
25	39.20	39.45	39.13	39.17	39.39	39.82	40.09	39.30	38.09	35.35	35.58	35.74
Eom	39.24	39.32	39.45	39.09	39.35	39.95	40.09	39.25	37.07	34.92	35.55	36.01
1970												
5	36.10	36.34	34.92	33.87	33.50	33.92	34.40	34.34	33.21	33.19	33.93	34.57
10	36.20	35.86	35.03	33.71	33.48	34.00	34.56	34.25	33.13	33.20	33.87	34.74
15	36.04	35.68	35.00	33.64	33.51	34.12	34.75	34.34	33.01	33.34	34.05	34.75
20	36.10	35.82	34.53	33.31	33.70	34.16	34.75	33.98	32.92	33.46	34.14	35.07
25	36.03	34.93	34.20	33.39	33.64	34.25	34.76	.....	33.02	33.43	34.58	34.89
Eom	36.32	35.50	34.13	33.42	33.95	34.49	34.42	33.59	32.97	33.78	34.48	.....
1971												
5	35.23	35.59	36.02	35.64	36.18	36.58	37.33	e37.7	37.97	38.50	39.26	39.81
10	35.47	36.23	35.68	35.90	36.18	36.66	37.50	37.74	37.92	38.36	39.24	39.84
15	35.50	35.88	35.71	35.64	36.17	36.71	37.46	.....	38.09	38.65	39.38	39.92
20	35.79	35.72	35.82	35.65	36.32	37.02	37.60	.....	38.27	38.78	39.25	39.90
25	35.53	35.83	35.66	35.82	36.41	37.13	37.68	.....	38.33	38.81	39.68	40.17
Eom	35.46	35.84	35.89	35.90	36.44	37.30	37.76	37.96	38.30	e39.0	39.50	40.08
1972												
5	40.10	40.55	39.65	39.11	39.24	39.54	39.78	39.69	40.14	40.82	41.54	42.02
10	40.12	40.37	39.70	39.20	39.11	39.56	39.67	39.90	40.35	41.30	41.59	42.18
15	40.49	39.94	39.14	38.98	39.12	39.70	39.62	39.88	40.36	41.13	41.65	41.99
20	40.24	40.27	39.37	38.96	39.18	39.23	39.63	.....	40.51	41.47	41.80	41.85
25	40.41	39.72	38.94	38.92	39.32	39.78	39.55	h40.07	40.70	41.26	41.42	42.38
Eom	40.26	39.75	38.82	39.13	39.37	39.86	39.68	40.18	40.52	.....	41.92	42.35
1973												
5	42.46	42.58	41.43	40.33	35.74	35.32	33.98	33.81	33.52	.....	34.91	35.39
10	42.44	42.08	41.41	39.25	35.48	35.06	33.75	33.55	33.53	.....	35.24	35.82
15	42.51	42.04	41.19	38.03	35.51	34.89	33.82	33.57	33.62	.....	35.05	35.73
20	42.27	41.98	40.87	36.99	35.27	34.86	33.74	33.52	33.77	.....	35.26	35.74
25	42.58	41.80	40.57	36.08	35.25	34.41	33.77	33.59	33.78	.....	35.32	38.10
Eom	42.55	41.70	40.58	36.16	35.43	34.26	33.68	33.57	33.89	34.43	35.88	36.02

e Estimated.

h Tape measurement.

Madison County

302822083255501. Local number 18. Florida State Road Dept. Near Madison. Drilled drainage artesian well in Floridan aquifer, diam 4 in (10 cm), depth 322 ft (98 m), cased to 307 ft (94 m). Lsd 100.56 ft (30.65 m) above msl. MP top of casing, at lsd. Highest water level 5.90 ft (1.80 m) below lsd, May 10, 1973; lowest 35.89 ft (10.94 m) below lsd, Mar. 27, 1957. Records available: 1952-73. Water levels affected by pumping of nearby well.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1969	34.07	May 6, 1970	26.11	Sept. 20, 1971	29.35	Nov. 8, 1972	29.78
Mar. 4	33.55	July 13	28.06	Nov. 10	30.24	Jan. 10, 1973	28.70
May 6	31.42	Sept. 9	25.90	Jan. 11, 1972	29.58	Mar. 14	23.00
July 8	31.56	Nov. 4	27.88	Mar. 8	23.48	May 10	5.90
Sept. 9	30.58	Jan. 14, 1971	29.53	Apr. 25	23.16	July 3	6.60
Nov. 4	31.14	Mar. 3	28.12	July 5	24.68	Sept. 5	21.05
Jan. 5, 1970	31.72	May 10	28.46	Sept. 6	26.98	Nov. 6	25.04
Mar. 9	28.94	July 7	28.88				

Manatee County

272356082181302. Local numbers 723-218-221 and Verna 1A. U.S. Geol. Survey. Drilled observation artesian well in Floridan aquifer, diam 6 in (15 cm), depth 480 ft (146 m), cased to 412 ft (126 m). Lsd 83.00 ft (25.30 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 33.55 ft (10.23 m) below lsd, Apr. 3, 1970; lowest 49.74 ft (15.16 m) below lsd, May 12, 1971. Records available: 1970-73.

## Highest water level for the day, from recorder graph, 1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	33.58	40.11	39.98	37.27	36.99	35.44	34.89	35.96	38.21
10	.....	.....	.....	34.08	41.03	38.90	37.12	37.07	35.17	34.86	36.18	39.20
15	.....	.....	.....	34.98	42.50	38.25	37.20	36.72	35.36	35.06	36.20	40.00
20	.....	.....	.....	36.00	43.08	37.88	36.96	36.34	35.39	35.63	36.68	40.39
25	.....	.....	.....	37.05	43.67	37.70	36.85	36.23	35.39	35.15	37.05	40.80
Eom	.....	.....	33.67	38.63	41.15	37.58	36.97	35.61	35.05	35.50	37.45	42.01

272356082181302--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	41.60	44.22	42.42	45.70	49.00	47.83	43.30	39.94	38.98	38.09	36.74	37.60
10	41.13	43.86	43.08	46.08	49.40	46.60	42.52	39.82	38.50	38.01	37.18	37.31
15	41.58	42.63	43.17	46.59	49.05	45.50	41.70	39.29	38.42	37.83	37.60	37.30
20	42.03	42.22	43.86	47.20	47.76	44.96	41.21	39.70	37.90	37.66	37.26	37.23
25	42.49	41.92	44.67	47.86	47.78	44.40	40.72	39.40	37.67	36.91	37.53	37.56
Eom	43.55	42.01	45.36	48.20	47.40	43.79	40.87	39.26	38.01	36.85	37.58	38.15
1972												
5	.....	40.85	40.29	42.23	44.25	44.02	40.94	39.60	37.61	37.68	40.45	39.81
10	39.32	39.70	40.25	41.95	44.45	44.23	40.78	39.78	37.49	37.69	41.33	40.05
15	40.10	39.14	41.11	42.90	43.78	43.89	40.70	39.58	37.48	37.84	42.10	40.30
20	40.67	38.96	41.48	44.69	43.30	42.55	40.21	39.30	37.57	38.47	41.40	40.04
25	41.09	39.52	41.61	44.08	43.57	42.20	39.81	38.54	37.71	38.84	40.63	39.89
Eom	41.49	40.10	42.81	43.49	43.92	41.57	39.50	38.01	37.82	39.60	40.16	39.80
1973												
5	39.97	39.76	40.53	40.77	43.81	.....	44.05	41.64	40.28	39.67	41.44	44.14
10	40.29	39.69	41.19	40.32	44.89	.....	43.60	41.53	40.03	39.73	41.67	43.75
15	39.97	39.76	41.28	40.79	45.79	.....	43.03	41.25	39.40	40.01	42.04	43.17
20	40.34	39.42	41.60	41.64	46.64	.....	42.94	41.06	39.54	40.39	42.65	42.50
25	40.29	39.58	41.54	42.95	47.90	.....	42.69	40.82	39.67	40.77	43.00	42.24
Eom	39.87	39.79	41.33	43.03	.....	.....	42.11	40.61	39.53	41.20	43.77	41.63

Marion County

291115081592501. Local number 5. Florida State Road Dept. Drilled observation artesian well in Floridan aquifer, diam 6 in (15 cm), depth 135 ft (41 m), cased to 135 ft (41 m). Lsd 39.83 ft (12.14 m) above msl. MP top of reducer, 2.55 ft (0.78 m) above lsd. Highest water level 15.59 ft (4.75 m) above lsd, Oct. 14, 1960; lowest 3.35 ft (1.02 m) above lsd, May 7, 1957. Records available: 1933-73.

Mean water level for the day, above lsd, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+9.77	+9.17	+8.95	+9.58	+9.37	+8.97	+8.38	+8.06	+8.57	+9.17	+9.26	+9.02
10	9.73	9.07	8.94	9.60	9.32	8.92	8.32	8.12	8.78	9.17	9.32	9.28
15	9.53	9.32	8.93	9.54	9.18	8.84	8.20	8.10	8.95	9.23	9.10	9.16
20	9.62	9.06	9.05	9.53	9.17	8.65	8.16	8.22	9.00	9.24	9.21	9.27
25	9.37	9.01	9.35	9.42	9.13	8.59	8.13	8.35	9.12	9.19	9.22	9.35
Eom	9.31	9.08	9.43	9.47	9.04	8.47	8.06	8.38	9.21	9.38	9.20	9.40
1970												
5	+9.35	+9.94	+11.41	+11.78	+11.99	+11.38	+10.88	.....	+11.92	+11.77	+11.15	+10.41
10	9.44	10.57	11.29	11.92	11.89	10.90	10.74	.....	11.96	11.73	11.14	10.24
15	9.75	10.87	11.27	12.01	11.77	11.31	10.72	.....	11.98	11.61	10.92	10.12
20	9.75	10.93	11.47	12.17	11.54	11.22	10.66	.....	12.01	11.52	10.80	9.95
25	9.85	11.35	11.50	12.11	11.58	11.01	10.73	.....	11.92	11.47	10.53	9.99
Eom	9.78	11.11	11.57	12.10	11.36	10.88	10.75	+11.74	11.88	11.32	10.53	9.77
1971												
5	+9.56	+9.04	+9.08	+8.88	+8.50	+7.97	+7.67	+7.58	+8.35	+8.56	+8.26	+7.90
10	9.43	8.84	9.16	8.74	8.48	7.94	7.62	7.69	8.48	8.64	8.29	7.94
15	9.35	9.16	9.07	8.94	8.43	7.91	7.56	7.81	8.46	8.55	8.18	7.88
20	9.06	9.32	8.97	8.90	8.29	7.79	7.53	7.85	8.55	8.55	8.18	7.86
25	9.21	9.23	8.89	8.75	8.15	7.70	7.51	8.05	8.59	8.50	7.94	7.74
Eom	9.13	9.27	8.68	8.69	8.09	7.67	7.51	8.20	8.65	8.39	7.94	7.70
1972												
5	+7.62	+7.16	+7.47	+7.60	+7.83	+7.55	+7.62	+7.56	+7.65	+7.36	+6.83	+6.65
10	7.58	7.30	7.40	7.74	7.85	7.49	7.63	7.46	7.54	7.08	6.75	6.55
15	7.41	7.39	7.57	7.94	7.85	7.41	7.58	7.42	7.58	7.15	6.75	6.65
20	7.47	7.25	7.37	7.97	7.83	7.60	7.57	7.42	7.52	6.97	6.68	6.65
25	7.32	7.55	7.45	8.04	7.68	7.52	7.58	7.39	7.44	7.01	6.73	....
Eom	7.43	7.50	7.55	7.94	7.67	7.59	7.55	7.53	7.52	6.82	6.76	....
1973												
5	.....	+6.90	+7.34	+7.54	+7.89	+7.53	+7.53	+7.47	+8.07	+8.12	+7.67	+7.22
10	.....	7.17	7.30	7.68	7.89	7.50	7.54	7.62	8.20	8.10	7.61	7.13
15	+6.82	7.20	7.37	7.77	7.80	7.48	7.46	7.71	8.18	8.01	7.61	7.10
20	6.88	7.18	7.40	7.91	7.77	7.37	7.47	7.81	8.12	7.97	7.47	7.10
25	6.79	7.19	7.53	8.02	7.72	7.53	7.46	7.79	8.16	7.92	7.41	6.91
Eom	6.83	7.20	7.55	7.81	7.56	7.50	7.50	7.93	8.13	7.92	7.10	6.91

290514082270701. Local number CE10A. Formerly no local number. U.S. Geol. Survey. Rainbow Springs. Drilled observation artesian well in Floridan aquifer; diam 3 in (8 cm); depth 482 ft (147 m), previously reported 442 ft (135 m); cased to 125 ft (38 m). Lsd 113.13 ft (34.48 m) above msl. MP top of 6-in (15 cm) casing, 3.00 ft (0.91 m) above lsd. Highest water level 77.01 ft (23.47 m) below lsd, Oct. 24, 1964; lowest 82.61 ft (25.18 m) below lsd, May 31, 1968. Records available: 1964-73.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	81.03	81.46	81.50	81.25	81.37	81.49	81.64	81.71	81.21	80.47	80.32	80.75
10	81.12	81.41	81.49	81.22	81.43	81.48	81.69	81.76	81.03	80.36	80.41	80.72
15	81.17	81.34	81.54	81.33	81.48	81.49	81.69	81.70	80.91	80.27	80.45	80.79
20	81.18	81.44	81.38	81.27	81.44	81.53	81.71	81.61	80.84	80.29	80.51	80.76
25	81.28	81.49	81.39	81.34	81.47	81.57	81.74	81.52	80.68	80.30	80.60	80.68
Eom	81.38	81.49	81.33	81.40	81.48	81.58	81.75	81.41	80.61	80.27	80.66	80.66

290514082270701--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	80.67	80.28	79.48	79.43	e79.22	e79.73	80.13	e80.43	79.17	79.30	79.84	80.38
10	80.68	79.95	79.56	79.26	e79.33	79.82	80.20	e80.28	79.11	79.37	79.97	80.49
15	80.58	79.72	79.56	79.13	e79.43	79.88	80.25	e80.04	e79.13	79.46	80.13	80.58
20	80.50	79.60	79.58	79.06	e79.50	e79.97	80.28	79.72	e79.17	79.56	80.14	80.66
25	80.57	79.50	79.52	79.05	e79.57	e80.04	80.32	79.42	79.18	79.63	80.25	80.72
Eom	80.60	79.55	79.53	79.11	79.69	80.08	80.37	79.26	79.22	79.75	80.29	80.81
1971												
5	80.91	81.45	81.40	81.76	82.00	82.12	82.03	e82.10	81.18	81.19	81.17	81.33
10	81.04	81.33	81.48	81.74	82.01	82.13	82.11	e81.80	81.04	81.14	81.18	81.38
15	81.10	81.21	81.54	81.75	82.00	82.12	82.12	e81.65	80.98	81.12	81.20	81.41
20	81.22	81.27	81.60	81.80	81.99	82.11	82.15	81.40	80.90	81.08	81.23	81.48
25	81.27	81.29	81.68	81.85	82.03	82.09	82.17	81.38	81.01	81.09	81.30	81.54
Eom	81.37	81.31	81.75	81.96	82.06	82.08	82.16	e81.28	81.11	81.11	81.33	81.54
1972												
5	81.57	81.78	81.93	81.95	82.05	e82.21	e82.16	82.11	81.99	82.16	82.43	82.56
10	81.62	81.82	81.97	81.93	82.08	e82.24	e82.15	82.12	82.05	82.23	82.48	82.56
15	81.67	81.83	81.99	81.92	82.06	e82.25	82.13	82.13	82.08	82.26	82.51	82.54
20	81.72	81.86	82.05	81.97	82.01	e82.26	82.09	82.09	82.10	82.31	82.54	82.53
25	81.76	81.87	82.08	81.95	82.13	e82.24	82.09	81.97	82.13	82.34	82.55	82.50
Eom	81.78	81.91	82.05	82.00	e82.20	e82.20	82.14	81.93	82.14	82.40	82.55	82.53
1973												
5	82.53	82.28	82.09	81.81	81.61	81.73	81.87	81.46	81.02	81.01	81.37	81.76
10	82.52	82.21	82.05	81.75	81.57	81.76	81.81	81.38	81.08	81.03	81.45	81.79
15	82.47	82.13	82.02	81.73	81.57	81.73	81.81	81.29	81.04	81.09	81.50	81.81
20	82.43	82.12	82.00	81.68	81.58	81.77	81.67	81.17	81.03	81.14	81.57	81.85
25	82.43	82.11	81.93	8.63	81.62	81.77	81.56	81.11	81.01	81.20	81.62	81.93
Eom	82.33	82.10	81.86	81.61	81.69	81.80	81.51	81.07	81.00	81.27	81.71	81.97

e Estimated.

290220081562001. Local number 47. A. C. Luffman. Drilled public-supply artesian well in Floridan aquifer, diam 6 in (15 cm), depth 179 ft (55 m), casing information not available. Lsd 72.22 ft (22.01 m) above msl. MP bottom edge of hole in casing, 4.35 ft (1.33 m) above lsd. Highest water level 10.39 ft (3.17 m) below lsd, Oct. 31, 1960; lowest 24.67 ft (7.52 m) below lsd, Apr. 4, 1956. Records available: 1936-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	19.62	May 19, 1970	17.80	Sept. 16, 1971	19.60	Oct. 27, 1972	21.73
Mar. 6	19.01	July 17	17.70	Nov. 5	19.73	Jan. 3, 1973	22.14
May 14	20.15	Sept. 18	15.94	Jan. 6, 1972	20.85	Mar. 5	21.35
July 14	20.60	Nov. 17	18.17	Mar. 8	21.09	May 4	20.92
Sept. 19	19.66	Jan. 21, 1971	19.27	May 11	20.83	July 9	22.07
Nov. 5	19.36	Mar. 18	19.33	July 7	21.35	Sept. 6	19.96
Jan. 20, 1970	18.15	May 17	20.10	Sept. 6	20.98	Nov. 1	20.35
Mar. 16	16.50	July 21	20.98				

285920081490501 (revised). Local number 48. E. P. Nelson. Formerly Woodrow Fulford. Drilled domestic artesian well in Floridan aquifer, diam 6 in (15 cm), depth 152 ft (46 m), casing information not available. Lsd 61.08 ft (18.62 m) above msl. MP top of coupling, at lsd. Highest water level 0.2 ft (0.1 m) above lsd, October 1945; lowest 10.90 ft (3.32 m) below lsd, Apr. 24, 1957. Records available: 1936-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	4.05	May 19, 1970	2.84	Sept. 10, 1971	5.29	Oct. 27, 1972	7.74
Mar. 6	4.54	July 17	3.48	Nov. 5	5.24	Jan. 3, 1973	7.92
May 7	4.82	Sept. 7	2.50	Jan. 6, 1972	6.07	Mar. 5	7.38
July 1	6.68	Nov. 9	2.88	Mar. 8	6.50	May 3	7.25
Sept. 9	5.39	Jan. 6, 1971	4.20	May 11	6.44	July 9	7.21
Nov. 5	4.34	Mar. 10	4.35	July 7	6.58	Sept. 6	7.07
Jan. 14, 1970	3.43	May 3	5.42	Sept. 6	6.94	Nov. 1	6.60
Mar. 16	2.00	June 30	5.89				

291015081359001 (revised). Local number 49. Florida State Road Dept. Ocala National Forest (previously reported Arrendondo Grant). Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), depth 175 ft (53 m), casing information not available. Lsd 67.20 ft (20.48 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 23.20 ft (7.07 m) below lsd, Nov. 1, 1960; lowest 31.91 ft (9.73 m) below lsd, Jan. 4, 1973. Records available: 1936-73. Recording gage removed June 9, 1972.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	25.97	26.37	26.63	26.81	27.29	.....	27.94	27.86	26.27	25.63	25.27	25.65
10	26.00	26.45	26.70	26.91	27.28	.....	27.97	27.78	26.22	25.55	25.31	25.39
15	26.08	26.27	26.73	26.97	27.37	.....	28.06	27.68	26.17	25.54	25.51	25.45
20	26.10	26.51	26.72	.....	27.46	.....	28.03	27.08	26.07	25.55	25.49	25.52
25	26.22	26.55	26.72	.....	27.51	.....	28.04	26.63	25.81	25.55	25.55	25.54
Eom	26.29	26.56	26.79	e27.20	27.61	e27.81	27.98	26.50	25.74	25.44	25.55	25.64
1970												
5	.....	25.35	25.16	25.19	25.69	26.05	26.35	26.53	26.50	26.39	26.57	26.87
10	25.41	25.22	25.20	25.26	25.77	26.14	26.36	26.55	26.47	26.40	26.59	26.93
15	25.44	25.24	25.18	25.31	25.84	26.18	26.38	26.52	26.32	26.45	26.68	26.98
20	25.49	25.24	25.16	25.34	25.93	26.19	26.47	26.55	26.32	26.49	26.70	27.07
25	25.55	25.09	25.19	25.47	25.94	26.30	26.46	26.52	26.32	26.47	26.78	27.05
Eom	25.70	25.29	25.29	25.56	25.96	26.32	26.48	26.51	26.30	26.50	26.82	27.07

291015081359001--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.17	27.43	27.30	27.43	27.97	28.33	28.29	28.29	28.32	28.50	28.51	28.65
10	27.15	27.13	27.28	25.55	28.07	28.35	28.31	28.35	28.34	28.42	28.50	28.55
15	27.18	27.09	27.41	27.60	28.10	28.40	28.34	28.32	28.32	28.45	28.57	28.58
20	27.35	27.09	27.45	27.73	28.14	28.42	28.40	28.37	28.35	28.44	28.58	28.62
25	27.31	27.15	27.48	27.79	28.24	28.47	28.30	28.34	28.41	28.48	28.68	28.68
Eom	27.37	27.20	27.64	27.88	28.31	28.36	28.27	28.30	28.42	28.50	28.66	28.72
1972												
5	28.78	28.91	28.94	28.84	28.93	29.09	.....	.....	.....	.....	.....	.....
10	28.78	28.88	28.97	28.79	28.93	.....	.....	.....	.....	.....	.....	.....
15	28.82	28.82	28.94	28.80	28.98	.....	.....	.....	.....	.....	.....	.....
20	28.85	28.92	29.10	28.83	29.02	.....	.....	.....	.....	.....	.....	.....
25	28.87	28.85	29.07	28.82	29.04	.....	.....	.....	.....	.....	.....	.....
Eom	28.95	28.88	28.96	28.85	29.00	.....	.....	.....	.....	.....	.....	.....
e Estimated.												

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1972	28.80	July 5, 1972	31.20	Mar. 6, 1973	31.77	Sept. 4, 1973	30.24
Mar. 2	28.93	Sept. 1	31.44	May 3	31.79	Nov. 1	30.00
May 8	28.95	Jan. 4, 1973	31.91	July 9	31.03		

29120082102501. Local number 51. D. P. Sawyer. Drilled unused artesian well in Floridan aquifer, diam 4 in (10 cm), depth 106 ft (32 m), casing information not available. Lsd 74.61 ft (22.74 m) above msl. MP top of casing, 0.05 ft (0.02 m) above lsd. Highest water level 21.63 ft (6.59 m) below lsd, Sept. 17, 1964; lowest 34.84 ft (10.62 m) below lsd, Aug. 10, 1956. Records available: 1935-73.

Jan. 17, 1969	29.04	May 19, 1970	26.26	July 23, 1971	31.24	Oct. 31, 1972	31.74
Mar. 20	28.96	July 17	27.60	Sept. 16	30.67	Jan. 8, 1973	31.93
May 15	29.07	Sept. 23	25.89	Nov. 16	30.99	Mar. 21	31.12
June 30	29.48	Nov. 20	27.46	Jan. 20, 1972	31.43	May 23	30.83
Sept. 17	29.57	Jan. 20, 1971	29.27	Mar. 17	31.49	July 18	31.65
Nov. 18	29.55	Mar. 16	29.59	May 18	31.03	Sept. 20	30.36
Jan. 22, 1970	28.83	May 18	30.23	July 18	31.17	Nov. 13	31.05
Mar. 18	26.87						

Martin County

265732080143001. Local number M140. U.S. Geol. Survey. On Florida Highway 710, 10 mi (16 km) west of Jupiter. Drilled observation water-table well in shell, diam 6 in (15 cm), depth 31 ft (9 m), cased to 20 ft (6 m). Lsd 19.89 ft (6.06 m) above msl. MP top of casing, 2.60 ft (0.79 m) above lsd. Highest water level 21.23 ft (6.47 m) above msl, Sept. 25, 1960; lowest 15.33 ft (4.67 m) above msl, May 14, 1971. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+19.24	+18.05	+18.92	+18.85	+19.85	+19.76	+19.07	+19.35	+19.30	+19.65	+19.54	+19.82
10	18.90	18.37	19.54	18.60	19.45	19.48	19.33	19.15	19.50	19.35	19.36	19.65
15	18.92	19.19	19.07	18.33	19.50	19.60	19.36	19.80	19.62	19.16	19.66	19.67
20	18.81	18.52	19.23	17.92	19.68	19.43	19.63	19.24	19.62	19.89	19.40	19.25
25	18.60	18.23	18.98	17.57	19.16	18.99	19.47	19.17	19.58	19.61	19.31	19.17
Eom	18.55	18.08	18.95	17.32	19.45	19.55	19.39	19.25	19.67	19.80	19.65	19.08

1970

5	+19.19	+19.59	+19.24	+19.96	+18.21	+19.66	+19.45	+19.16	+19.43	+19.32	+19.14	+18.51
10	19.14	19.62	19.54	19.50	17.80	19.24	19.94	19.57	19.11	19.41	19.19	18.28
15	19.89	19.35	19.60	19.26	17.41	19.52	19.43	19.26	19.52	19.31	18.96	18.10
20	19.55	19.30	19.32	19.04	17.55	19.15	19.18	19.03	19.34	19.64	18.82	17.92
25	19.28	19.40	20.15	18.83	19.09	19.56	19.31	19.46	19.63	19.53	18.61	17.75
Eom	19.52	19.35	19.88	18.58	19.28	19.50	19.55	19.23	19.67	19.41	18.59	17.53

1971

5	+17.62	+16.86	+17.46	+16.15	+15.50	+16.23	+18.29	+19.95	+19.83	+19.65	+20.17	+19.56
10	17.43	17.06	17.32	16.01	15.38	17.04	19.14	19.96	e20.05	19.57	20.02	e19.48
15	17.30	16.94	17.09	15.86	16.35	17.51	19.23	19.97	e19.91	19.71	19.84	e19.40
20	17.55	16.68	16.80	15.78	16.76	18.04	19.36	19.92	e19.84	19.85	19.67	e19.31
25	17.20	16.87	e16.46	15.67	16.88	18.81	19.61	19.74	e19.75	19.87	19.79	e19.40
Eom	16.98	17.98	16.23	15.58	16.50	18.54	19.97	19.71	19.69	19.80	19.66	19.54

1972

5	+19.52	+19.08	+18.86	+18.19	+17.65	+20.68	+20.22	+19.52	+19.17	+19.23	+18.78	+19.54
10	19.50	19.41	18.72	18.07	19.23	20.65	20.17	19.22	19.53	18.83	19.14	19.42
15	19.40	19.14	18.29	17.23	20.39	20.80	20.08	19.34	19.55	18.98	19.34	19.34
20	19.07	19.03	18.02	17.55	20.48	20.81	20.06	19.12	19.28	19.29	19.50	19.15
25	19.34	19.11	17.60	17.08	20.39	20.66	19.91	19.55	19.49	18.96	19.47	19.38
Eom	19.15	18.80	19.02	18.23	20.44	20.49	19.79	19.69	19.39	18.92	19.59	19.19

1973

5	+19.07	+19.53	+18.85	+17.68	+15.99	+15.97	+18.11	+20.45	+20.80	+20.24	+19.80	+19.03
10	18.90	19.49	19.36	17.29	16.39	18.43	18.28	20.57	20.82	20.53	19.52	19.07
15	19.07	19.36	18.75	17.69	16.61	18.54	18.70	20.64	20.80	20.37	19.20	18.57
20	18.85	19.37	18.22	16.79	16.48	18.54	19.10	20.72	20.70	20.28	19.54	19.11
25	19.36	19.11	17.84	16.44	16.35	18.51	19.81	20.88	20.58	20.24	19.41	18.69
Eom	19.17	19.18	18.26	16.20	16.06	18.27	20.27	20.75	20.40	20.03	19.12	18.30

e Estimated.

271012080141201. Local number M147. U.S. Geol. Survey. East 10th St. and Palm Beach Rd., Stuart. Drilled observation water-table well in calcareous sandstone, diam 6 in (15 cm), depth 74 ft (23 m), cased to 73 ft (22 m). Lsd 13.64 ft (4.16 m) above msl. MP top of casing, 3.70 ft (1.13 m) above lsd. Highest water level 13.10 ft (3.99 m) above msl, Oct. 18, 1953; lowest 4.40 ft (1.34 m) below msl, Apr. 20, 1972. Records available: 1952-73. Water levels affected by pumping of nearby wells.

Highest water level for the day, above and below msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+4.68	+3.71	+2.62	+2.76	+2.10	+1.66	+2.23	+1.80	+3.52	+4.90	+5.77	+7.20
10	4.71	3.30	2.84	2.78	2.03	2.19	1.40	2.12	3.68	4.92	5.30	5.72
15	4.53	3.12	3.30	...	1.78	2.12	1.40	3.71	3.75	4.63	5.92	...
20	4.48	3.12	3.39	...	2.53	2.25	1.39	4.31	3.91	4.50	5.45	...
25	4.12	2.85	3.21	...	2.28	2.28	1.21	3.91	4.70	4.83	6.20	3.80
Eom	3.80	2.75	3.08	1.91	2.43	2.26	1.75	3.48	4.75	5.41	6.65	...
1970												
5	+5.97	+5.40	+4.95	+7.48	+3.70	+3.87	....	....	....	+1.72	....	+1.26
10	6.05	5.76	4.95	7.13	3.22	4.98	....	....	....	....	....	....
15	6.18	5.61	5.15	6.80	....	4.98	....	....	....	....	+2.05	....
20	6.00	5.42	5.15	6.12	....	4.48	....	....	....	....	1.69	....
25	5.45	5.25	4.95	5.47	2.90	4.65	....	....	....	....	1.40	....
Eom	5.35	5.15	8.45	....	3.60	....	....	....	+1.45	....	1.68	.20
1971												
5	+0.70	-0.90	e-0.23	-0.48	e-1.16	-0.29	-0.39	-0.01	-0.66	+1.05	+2.39	+2.51
10	+1.12	.22	....	.93	....	.26	.08	+0.07	+0.41	1.09	3.12	2.30
15	-.72	.25	....	1.55	....	1.97	.12	.40	1.06	1.44	3.23	2.13
20	+0.30	-.90	....	....	....	.49	.27	+0.36	....	....	....	2.05
25	+2.20	+1.11	....	....	+0.06	.61	.24	-.02	....	e1.68	2.50	2.14
Eom	-.77	-.10	.41	1.11	-.15	.55	.21	+0.09	1.24	2.24	2.68	2.01
1972												
5	+2.02	+1.26	+0.10	-1.22	-4.02	+0.98	-1.82	+1.76	+1.77	+1.19	+3.18	+2.78
10	1.85	1.18	-.06	.65	1.46	1.20	+2.04	e+.25	1.79	.92	3.08	2.76
15	1.64	1.15	3.67	4.31	.71	1.83	1.76	e-1.45	e1.32	.76	3.06	2.67
20	1.45	.93	3.89	4.40	.83	2.06	+2.00	e2.15	e1.50	.60	3.09	2.71
25	1.47	.44	e4.40	3.79	-.52	+2.18	-.37	e-2.42	e1.25	3.65	3.07	2.68
Eom	1.39	e.20	1.24	.91	+1.2	-1.51	+2.04	+1.55	1.29	3.34	2.75	2.53
1973												
5	e+2.20	+3.03	+2.82	+1.96	+0.80	+0.34	+1.50	+1.93	+2.47	+3.32	+3.10	+2.58
10	2.50	3.29	2.60	1.75	.82	.65	.89	1.98	2.59	3.41	2.90	2.60
15	2.46	3.33	2.23	1.54	.90	.81	.97	1.95	2.62	3.38	2.67	e2.50
20	2.26	3.24	2.08	+0.93	.68	.92	1.43	2.00	3.05	3.45	2.61	e2.30
25	2.48	3.10	1.90	-2.55	.36	1.37	1.65	2.03	3.11	3.31	2.63	2.20
Eom	2.55	2.93	2.00	+1.01	.41	1.34	1.80	2.35	3.33	2.94	2.59	2.10

e Estimated.

#### Nassau County

303519081275301. Local number 2. G. G. Gerbing. Amelia City. Drilled irrigation artesian well in Floridan aquifer, diam 3 to 2 in (7.6 to 5.1 cm), reported depth 580 ft (177 m), cased to 350 ft (107 m). Lsd 9.98 ft (3.04 m) above msl. MP top of 2-in (5.1 cm) horizontal pipe, 1.00 ft (0.30 m) above lsd. Highest water level 43.1 ft (13.1 m) above lsd, July 15, 1947; lowest 15.6 ft (4.8 m) above lsd, May 9, 1968. Records available: 1939-40, 1944-69. Measurement discontinued. Jan. 9, 1969, +16.7.

303244081263701. Local number 8. Union Carbide Ore Co. Drilled domestic artesian well in Floridan aquifer, diam 4 in (10 cm), reported depth 680 ft (207 m), casing information not available. Lsd 13.70 ft (4.18 m) above msl. MP top of 4-in (10 cm) cross, 1.80 ft (0.55 m) above lsd. Highest water level 43.1 ft (13.1 m) above lsd, July 15, 1947; lowest 17.2 ft (5.2 m) above lsd, May 12, 1971. Records available: 1939-40, 1944-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	+21.6	May 13, 1970	+20.4	May 12, 1971	+17.2	May 8, 1972	+17.8
May 12	20.0	Nov. 16	20.2	Jan. 13, 1972	19.0	Jan. 15, 1973	18.3
Jan. 7, 1970	22.0	Jan. 13, 1971	20.8				

303801081273701. Local number 12. J. W. Sheffield. Drilled domestic artesian well in Floridan aquifer, diam 2 in (5.1 cm), reported depth 640 ft (195 m), casing information not available. Lsd 13.02 ft (3.97 m) above msl. MP top of 2-in (5.1 cm) cross, 1.09 ft (0.33 m) above lsd. Highest water level 40.9 ft (12.5 m) above lsd, Mar. 25, 1939; lowest 19.85 ft (6.05 m) below lsd, June 26, 1956. Records available: 1939, 1944-72. No measurement made in 1973. Fluctuation caused primarily by regional pumping.

Jan. 9, 1969	7.06	Jan. 7, 1970	6.21	Jan. 13, 1971	4.26	Jan. 13, 1972	8.21
May 12	8.00	May 13	8.54	May 12	13.46	May 8	5.48

304010081264501. Local number 27. Judge Fishler and others. Atlantic Blvd. and North 18th St., Fernandina. Drilled unused artesian well in Floridan aquifer, diam 3 in (7.6 cm), depth 191 ft (58 m), casing information not available. Lsd 20.45 ft (6.23 m) above msl. MP top of cap, 1.00 ft (0.30 m) above lsd. Highest water level 29.5 ft (9.0 m) above lsd, Mar. 28, 1939; lowest 35.4 ft (10.8 m) below lsd, Nov. 20, 1972. Records available: 1939-41, 1944-73. Fluctuation caused primarily by regional pumping.

Jan. 9, 1969	25.76	May 13, 1970	26.37	Sept. 14, 1971	26.9	Nov. 20, 1972	35.4
Mar. 3	22.49	July 14	27.68	Nov. 16	25.8	Jan. 15, 1973	23.59
May 12	26.11	Sept. 10	24.62	Jan. 13, 1972	26.15	Mar. 19	23.26
July 9	18.45	Nov. 16	25.79	Mar. 15	26.07	May 8	23.61
Sept. 10	27.26	Jan. 13, 1971	25.73	May 8	24.35	July 24	23.76
Nov. 7	23.46	Mar. 16	26.96	July 18	25.5	Sept. 20	21.57
Jan. 7, 1970	24.41	May 12	28.80	Sept. 19	26.92	Nov. 20	21.78
Mar. 10	23.20	July 19	28.79				



303754081362701. Local number 44. Seaboard Air Line RR. Co. Yulee. Drilled railroad artesian well in Floridan aquifer, diam 4 in (10 cm), reported depth 1,000 ft (305 m), cased to 450 ft (137 m). Lsd 34.81 ft (10.61 m) above msl. MP bottom of 4-in (1.3 cm) hole in base of 3-in (7.6 cm) tee, 2.22 ft (0.68 m) above lsd. Highest water level 22.5 ft (6.9 m) above lsd, Aug. 25, 1938; lowest 4.54 ft (1.38 m) below lsd, May 12, 1971. Records available: 1934, 1938, 1940, 1944-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	-0.06	May 13, 1970	-0.41	May 12, 1971	-4.54	Jan. 17, 1973	-3.89
May 12	-1.88	July 14	1.28	Jan. 13, 1972	2.23	May 8	2.55
Jan. 7, 1970	+9.96	Feb. 1, 1971	2.06	May 18	3.22		

303658081422601. Local number 50. R. E. Fingar. Drilled domestic artesian well in Floridan aquifer, diam 2 in (5.1 cm), reported depth 569 ft (173 m), casing information not available. Lsd 17.79 ft (5.42 m) above msl. MP top of 2-in (5.1 cm) tee, 1.20 ft (0.37 m) above lsd. Highest water level 40.5 ft (12.3 m) above lsd, May 30, 1940; lowest 16.0 ft (4.9 m) above lsd, May 9, 1968. Records available: 1940-41, 1944-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	+22.4	Jan. 7, 1970	+24.1	Jan. 12, 1971	+23.0	May 8, 1972	+21.7
May 12	17.0	Mar. 10	19.8	May 11	20.6	Jan. 17, 1973	20.6
Nov. 7	17.2	May 14	20.8	Jan. 13, 1972	21.8	May 8	21.8

303340081500001. Local number 51. Ellis Howard. Formerly W. D. Copley. Callahan. Drilled domestic artesian well in Floridan aquifer, diam 2 in (5.1 cm), reported depth 580 ft (177 m), casing information not available. Lsd 18.78 ft (5.72 m) above msl. MP top of 2-in (5.1 cm) cross, 1.00 ft (0.30 m) above lsd. Highest water level 42.5 ft (13.0 m) above lsd, July 15, 1947; lowest 23.0 ft (7.0 m) above lsd, May 11, 1971, Jan. 15, 1973. Records available: 1940-42, 1944-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	+24.6	Mar. 10, 1970	+26.6	May 11, 1971	+23.0	Jan. 15, 1973	+23.0
May 12	23.5	May 14	25.7	Jan. 13, 1972	24.0	May 8	25.4
Jan. 7, 1970	25.9	Jan. 12, 1971	25.2	May 8	24.0		

303703081305001. Local number 55. L. R. Church. O'Neil. Drilled domestic artesian well in Floridan aquifer, diam 2 in (5.1 cm), reported depth 540 ft (165 m), cased to 504 ft (154 m). Lsd 12.64 ft (3.85 m) above msl. MP top of flange of 2-in (5.1 cm) valve, 1.50 ft (0.46 m) above lsd. Highest water level 35.1 ft (10.7 m) above lsd, July 7, 1944 (revised); lowest 1.85 ft (0.56 m) above lsd, May 12, 1971. Records available: 1940, 1944-72. No measurement made in 1973.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	+8.6	Jan. 7, 1970	+9.1	Feb. 1, 1971	+7.2	Jan. 13, 1972	+3.15
May 12	6.7	May 13	6.8	May 12	1.85	May 8	3.16

#### Okaloosa County

302419086362601. Local number 3. Okaloosa County. Fort Walton. Drilled public-supply artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 800 ft (244 m), cased to 500 ft (152 m). Lsd 16.44 ft (5.01 m) above msl. MP center of corporation cock, 0.93 ft (0.28 m) above lsd. Highest water level 46.0 ft (14.0 m) above lsd, Aug. 19, 1936; lowest 96.07 ft (29.28 m) below lsd, July 3, 1968. Records available: 1936, 1946-70. Measurement discontinued. Fluctuation caused primarily by regional pumping. Jan. 6, 1969, 77.87; May 8, 65.84; Jan. 9, 1970, 49.52; May 7, 65.17.

303849086314101. Local number 25. U.S. Air Force. Eglin Auxiliary Field 3. Drilled public-supply artesian well in Floridan aquifer, diam 10 in (25 cm), reported depth 609 ft (186 m), cased to 456 ft (139 m). Lsd 196.72 ft (59.96 m) above msl. MP top of 4-in (0.6 cm) tee, 1.60 ft (0.49 m) above lsd. Highest water level 98.5 ft (30.0 m) below lsd, Oct. 30, 1947; lowest 139.1 ft (42.4 m) below lsd, May 6, 1970. Records available: 1947-70. Measurement discontinued. Fluctuation caused primarily by regional pumping. May 5, 1969, 136.1; Jan. 8, 1970, 139.1; May 6, 137.8.

303512086375101. Local number 29. U.S. Air Force. Eglin Auxiliary Field 5. Drilled public-supply artesian well in Floridan aquifer, diam 10 in (25 cm), depth 710 ft (216 m), cased to 524 ft (160 m). Lsd 178.03 ft (54.26 m) above msl. MP top of concrete pumpbase, 0.75 ft (0.23 m) above lsd. Highest water level 99.8 ft (30.4 m) below lsd, Oct. 28, 1947; lowest 153.23 ft (46.70 m) below lsd, Oct. 19, 1972. Records available: 1947-73. Fluctuation caused primarily by regional pumping.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	139.28	138.47	137.88	137.34	137.77	138.88	140.73	141.36	.....	142.24	142.64	142.54
10	139.04	138.37	137.83	137.41	137.97	138.96	140.84	141.28	.....	142.31	142.62	141.99
15	139.04	137.88	137.79	137.48	138.08	139.29	141.07	141.29	.....	142.40	142.81	142.28
20	138.72	138.23	137.59	137.57	138.30	139.71	141.14	.....	.....	142.50	142.84	142.17
25	138.74	138.14	137.30	137.71	138.44	140.05	141.18	.....	142.00	142.65	142.78	141.72
Eom	138.58	138.04	137.57	137.66	138.58	140.43	141.33	.....	142.06	142.48	142.61	141.80

1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	141.62	141.03	139.84	139.47	139.88	.....	.....	.....	144.26	144.43	144.05	143.26
10	141.54	140.71	139.80	139.53	.....	.....	.....	.....	144.24	144.24	143.85	143.17
15	141.31	140.39	139.89	139.45	.....	.....	.....	.....	144.27	144.29	143.80	142.84
20	141.25	140.58	139.78	139.35	.....	.....	.....	.....	144.41	144.25	144.25	142.90
25	141.11	139.97	139.62	139.56	.....	.....	.....	.....	144.32	144.35	144.09	143.63
Eom	141.12	140.26	139.57	139.65	.....	.....	.....	.....	144.36	144.34	144.13	143.39

1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	142.29	141.47	141.06	140.80	142.09	144.03	145.49	145.90	146.16	146.65	148.16	147.59
10	142.19	141.59	140.79	141.07	142.40	144.26	145.64	145.89	146.09	146.80	148.09	147.38
15	142.13	141.31	140.77	140.87	142.75	144.50	145.59	145.82	146.13	147.18	148.06	147.33
20	142.16	141.18	140.86	141.01	143.13	144.97	145.76	146.01	146.26	147.55	147.87	147.01
25	141.73	141.07	140.70	141.34	143.42	145.19	145.90	145.99	146.35	147.69	148.01	147.01
Eom	141.53	141.02	140.91	141.74	143.70	145.44	145.89	146.14	146.41	147.81	147.72	146.67

303512086375101--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	146.40	145.52	144.54	144.63	145.85	147.22	148.82	150.21	151.12	152.21	152.21	151.00
10	146.12	145.31	144.64	144.74	145.93	147.49	148.87	150.48	151.39	152.38	151.99	150.94
15	146.23	144.88	144.29	144.67	146.15	147.84	149.12	150.59	151.56	152.36	151.85	150.57
20	145.83	145.12	144.42	144.82	146.37	147.79	149.40	150.77	151.75	152.51	151.70	150.26
25	145.80	144.69	144.31	145.09	146.59	148.25	149.55	150.95	152.03	152.37	151.09	150.43
Eom	145.56	144.65	144.24	145.53	146.88	148.61	149.90	151.03	152.00	152.32	151.23	150.14
1973												
5	150.08	148.88	147.95	147.27	147.30	148.58	149.30	150.86	151.09	151.26	151.39	151.06
10	149.95	148.51	147.66	147.20	147.55	148.71	149.59	150.79	151.14	151.21	151.58	151.01
15	149.85	148.37	147.55	147.15	147.94	148.80	149.92	150.77	151.16	151.27	151.31	150.85
20	149.98	148.35	147.30	147.08	147.74	148.91	150.22	150.82	151.21	151.23	151.22	150.32
25	149.38	148.20	147.16	146.91	148.18	148.90	150.53	150.88	151.14	151.27	151.07	150.12
Eom	149.03	148.20	147.12	147.14	148.32	149.05	150.65	151.02	151.24	151.00	151.34	149.80

h Tape measurement.

303745086442101. Local number 31. U.S. Air Force. Eglin Auxiliary Field 6. Drilled public-supply artesian well in Floridan aquifer, diam 10 in (25 cm), reported depth 690 ft (210 m), cased to 527 ft (161 m). Lsd 135.07 ft (41.17 m) above msl. MP top of 4-in (0.6 cm) tee, 1.40 ft (0.43 m) above lsd. Highest water level 46.8 ft (14.3 m) below lsd, Apr. 14, 1948; lowest 80.6 ft (24.6 m) below lsd, May 5, 1970. Records available: 1948-70. Measurement discontinued. Fluctuation caused primarily by regional pumping. Jan. 9, 1969, 78.3; May 6, 78.5; Feb. 10, 1970, 80.3; May 5, 80.6.

302747086382001. Local number 027-638-214. U.S. Geol. Survey. Drilled test artesian well in Floridan aquifer, diam 10 in (25 cm), depth 858 ft (262 m), cased to 503 ft (153 m). Lsd 57.67 ft (17.58 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 45.72 ft (13.94 m) below lsd, Jan. 15, 1967; lowest 90.8 ft (27.7 m) below lsd, Aug. 28, 1973. Records available: 1966-73. Water levels affected by regional pumping.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	58.68	.....	.....	49.45
10	.....	.....	.....	.....	.....	.....	.....	.....	58.32	.....	51.90	48.78
15	.....	.....	.....	.....	.....	.....	.....	h54.55	58.73	.....	51.03	48.40
20	.....	.....	.....	.....	.....	.....	.....	54.44	.....	51.96	e51.1	47.77
25	.....	.....	.....	.....	.....	.....	.....	55.47	.....	51.40	.....	47.50
Eom	.....	.....	.....	.....	.....	.....	.....	57.94	.....	e51.2	49.88	46.62
1967												
5	46.46	e45.1	.....	.....	h58.02	59.21	59.67	60.57	57.28	60.76	56.42	55.10
10	46.20	.....	45.82	.....	56.74	59.21	61.86	61.54	56.10	60.60	56.47	.....
15	45.72	.....	.....	.....	59.44	60.93	61.90	60.34	57.10	60.03	56.52	.....
20	46.00	.....	.....	.....	61.30	62.05	62.62	59.32	58.49	59.47	56.14	.....
25	45.78	.....	e50.0	.....	59.92	61.66	60.51	58.30	59.83	59.14	55.52	.....
Eom	.....	.....	50.57	57.31	60.90	60.08	61.21	57.43	60.26	57.80	56.10	.....
1968												
5	.....	50.87	50.46	55.82	.....	.....	66.29	69.44	72.68	73.14	70.51	64.04
10	50.76	50.98	50.17	56.72	h64.09	.....	67.21	69.16	72.62	70.54	69.50	63.36
15	e50.5	51.56	50.58	57.10	.....	.....	67.87	69.24	72.51	71.32	67.92	61.58
20	50.89	50.54	52.02	.....	.....	.....	69.45	69.34	69.94	71.22	66.73	61.66
25	50.63	50.55	52.20	.....	.....	.....	68.79	69.48	70.28	71.87	67.03	60.71
Eom	51.20	50.58	54.23	.....	.....	.....	71.00	71.50	71.80	71.77	65.23	59.73
1969												
5	59.05	59.33	58.43	62.91	66.38	71.95	74.3	70.3	72.7	71.7	72.5	69.1
10	59.68	58.56	58.04	63.02	67.80	74.07	74.6	70.7	73.2	73.4	71.9	67.1
15	59.69	57.84	57.88	61.77	67.78	75.87	73.4	70.0	74.3	72.9	71.2	67.4
20	58.65	57.61	57.40	61.00	66.16	75.77	71.9	68.8	75.8	72.7	70.8	67.3
25	58.74	57.62	58.27	62.98	68.32	74.48	72.1	68.5	73.2	72.5	70.1	65.6
Eom	59.46	58.36	60.57	65.19	68.04	74.7	70.4	70.8	73.3	72.0	68.9	64.6
1970												
5	64.2	63.2	62.5	61.6	....	74.0	76.5	77.7	73.3	76.6	70.3	67.4
10	65.3	62.7	62.4	62.5	71.5	74.2	77.1	76.9	73.7	74.9	69.4	67.2
15	64.8	62.2	62.2	62.9	75.2	75.9	75.9	74.8	75.4	73.4	68.6	66.4
20	64.5	62.0	62.1	63.3	76.7	78.1	75.6	74.7	75.1	72.2	67.9	66.1
25	64.0	61.7	61.8	e64.8	77.7	76.8	74.7	73.1	76.5	71.6	68.3	65.4
Eom	63.3	61.9	61.8	.....	77.6	74.9	74.7	72.0	74.8	71.1	67.6	64.7
1971												
5	64.5	63.5	63.5	64.1	77.5	80.9	78.1	76.1	75.5	81.1	80.5	74.8
10	64.1	64.1	63.3	67.1	78.5	78.7	77.5	76.1	75.2	81.1	79.3	74.0
15	64.0	64.0	63.5	70.6	77.2	78.6	79.0	76.4	75.4	80.4	78.8	73.7
20	64.1	64.0	63.6	73.6	77.7	78.5	77.4	77.4	75.2	80.7	79.0	72.5
25	63.7	63.7	63.9	74.4	79.9	78.5	78.3	77.5	76.8	80.5	77.8	71.9
Eom	63.6	63.8	64.8	75.3	77.7	79.3	76.9	76.8	79.4	80.8	76.5	71.0
1972												
5	70.5	69.5	68.5	71.3	82.2	82.2	82.0	84.0	86.0	85.6	83.0	....
10	70.0	69.2	68.9	72.5	78.5	82.2	83.0	85.4	85.8	86.8	82.0	....
15	70.0	68.7	69.9	75.4	78.5	82.8	83.7	84.0	85.9	87.0	81.1	....
20	70.2	69.4	70.7	78.1	80.5	81.2	83.8	85.3	86.1	87.0	....	....
25	69.7	69.0	71.1	78.6	81.5	81.7	84.1	84.2	85.8	85.4	....	....
Eom	69.4	68.7	71.3	80.0	81.6	81.0	83.8	84.3	86.0	83.8	....	....

302747086382001--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	73.9	73.8	72.7	78.0	84.2	....	85.3	86.4	84.5	....	....
10	h74.45	73.8	73.3	73.0	78.8	83.2	....	85.4	85.0	85.6	....	....
15	74.9	73.9	73.3	74.5	81.6	84.0	87.1	85.8	83.7	87.0	....	....
20	74.5	74.2	73.2	75.1	84.4	83.8	87.9	85.4	83.7	86.5	....	....
25	74.2	73.9	73.0	76.7	86.4	....	88.6	88.2	85.4	87.4	....	....
Eom	74.1	74.1	72.7	76.2	83.9	....	86.4	88.6	85.3	86.6	....	....

e Estimated.

h Tape measurement.

Okeechobee County

272315081010901. Local number OK2. U.S. Geol. Survey. On Florida Highway 66, 1 mi (1.6 km) west of Bassinger. Drilled observation water-table well in sand of Pleistocene age, diam 6 in (15 cm), depth 21 ft (6 m), cased to 18 ft (5 m), gravel-packed 16-21 ft (5-6 m). Lsd 47.44 ft (14.46 m), previously reported 47.80 ft (14.57 m), above msl. MP top of casing, 2.50 ft (0.76 m) above lsd (since January 1969). Highest water level 48.10 ft (14.66 m) above msl, Oct. 9, 1953; lowest 37.94 ft (11.56 m) above msl, May 24, 1968. Records available: 1949-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+43.24	+42.37	+42.12	+44.16	+46.17	+45.53	+43.74	+44.61	+43.29	+46.24	+45.12	+43.96
10	43.29	42.28	42.28	43.85	44.71	44.29	43.44	44.51	43.11	44.83	44.50	45.69
15	42.06	42.38	42.38	43.50	46.34	45.54	43.35	45.15	43.07	44.31	46.25	44.44
20	43.05	42.44	44.75	44.63	45.91	46.25	44.10	44.24	43.91	45.34	44.81	44.10
25	42.66	42.24	45.29	43.91	44.38	44.68	43.99	44.08	43.71	45.43	44.27	43.89
Eom	42.49	42.14	44.28	45.74	45.26	44.01	43.85	43.49	43.64	46.36	44.68	43.71

1970												
5	+44.53	+45.78	+43.83	+44.51	+42.79	.....	+44.75	+44.19	+44.54	+45.80	+44.72	+43.40
10	44.67	44.73	44.43	44.09	42.59	.....	44.67	44.04	44.68	45.78	44.41	43.26
15	46.33	44.29	45.46	43.77	42.43	.....	44.70	43.95	44.42	45.63	44.10	43.15
20	45.30	44.09	.....	43.49	.....	.....	44.50	44.04	44.25	45.29	43.82	43.06
25	44.49	44.45	.....	43.24	.....	.....	44.46	45.03	44.24	43.67	43.67	42.95
Eom	44.17	44.07	45.30	43.09	.....	+45.09	44.40	44.85	45.34	44.94	43.55	42.84

1971												
5	+40.14	+39.60	+40.72	+39.94	+39.19	+38.61	+42.53	+43.93	+45.04	+44.10	+43.89	+43.51
10	40.07	39.52	40.64	39.81	39.06	39.27	42.39	43.80	46.39	45.26	43.81	43.26
15	39.97	39.59	40.49	39.69	38.92	40.31	42.22	44.59	46.49	44.71	43.53	42.98
20	39.88	39.67	40.34	39.47	38.89	40.61	43.17	44.59	46.04	44.81	43.38	42.84
25	39.79	40.54	40.19	39.30	39.79	41.44	44.04	45.31	45.05	44.21	43.21	42.75
Eom	39.69	40.72	40.02	39.22	38.69	42.72	43.43	45.34	44.44	44.35	43.11	42.60

1972												
5	+42.61	+42.53	+42.16	+42.48	+41.13	+42.96	+43.76	+42.68	+44.43	+43.18	+41.90	+42.46
10	42.52	42.70	41.96	42.25	40.95	42.62	44.30	42.63	43.85	42.82	41.93	42.25
15	42.03	42.58	41.79	41.95	40.83	42.63	44.09	43.21	43.88	42.63	42.01	42.00
20	41.91	42.61	41.63	41.68	40.86	44.86	43.78	42.95	43.41	42.43	42.17	41.85
25	41.83	42.37	41.52	41.45	40.76	43.85	43.34	43.73	43.18	42.25	42.44	42.11
Eom	41.70	42.17	42.17	41.27	42.05	43.36	42.95	45.35	42.98	42.05	42.65	41.92

1973												
5	+41.76	+42.69	+42.27	+42.32	+41.34	+41.49	+42.32	+43.02	+44.47	+43.39	+43.21	+42.54
10	41.65	42.81	42.13	42.58	42.12	41.35	42.75	43.37	44.80	43.36	42.88	42.43
15	42.45	42.83	42.01	42.33	42.34	41.21	43.15	43.61	44.65	43.10	42.71	42.30
20	42.36	42.72	41.84	42.03	42.26	41.23	43.07	43.80	43.96	43.72	43.30	42.48
25	42.45	42.54	41.67	41.70	41.88	41.28	43.33	43.95	43.61	43.41	43.05	42.59
Eom	42.66	42.45	42.55	41.51	41.73	42.39	43.14	44.15	43.84	42.97	42.73	42.38

272932080482201. Local number OK3. U.S. Geol. Survey. On Florida Highway 15, 2 mi (3.2 km) south of Fort Drum. Drilled observation water-table well in sand of Pleistocene age, diam 6 in (15 cm), depth 22 ft (7 m), cased to 19 ft (6 m), gravel-packed 14-22 ft (4-7 m). Lsd 61.80 ft (18.83 m), previously reported 62.00 ft (18.90 m), above msl. MP top of casing, 3.50 ft (1.07 m) above lsd (since January 1969). Highest water level 61.93 ft (18.88 m) above msl, Oct. 15, 1956; lowest 56.56 ft (17.24 m) above msl, June 1, 1967. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+60.37	+58.98	+59.58	+60.00	+60.00	+59.45	+60.22	+61.18	+59.57	+61.20	+60.46	+59.85
10	59.83	59.19	61.00	59.76	59.49	59.12	59.76	61.25	60.13	60.33	59.93	61.03
15	59.59	58.83	60.12	59.24	61.10	61.10	59.27	61.45	59.85	59.77	61.07	60.20
20	59.56	59.47	60.59	59.64	61.25	61.21	60.24	60.91	60.17	61.26	60.24	59.80
25	59.33	59.18	60.88	59.25	60.00	60.19	59.47	61.03	60.05	60.98	59.84	59.73
Eom	59.15	59.00	59.87	59.66	59.85	59.61	60.46	59.90	60.59	61.17	60.61	59.57

1970												
5	+60.26	+60.74	+59.83	.....	.....	+59.31	.....	.....	.....	+60.60	.....	+58.85
10	60.43	60.04	60.13	.....	.....	58.70	.....	.....	.....	61.01	.....	58.70
15	61.18	59.75	60.36	.....	+57.69	.....	.....	.....	.....	60.49	.....	58.60
20	60.46	59.80	59.75	.....	57.03	.....	.....	.....	+60.81	59.85	+59.20	58.48
25	59.89	60.19	61.16	.....	58.43	.....	.....	.....	60.20	59.76	59.05	58.39
Eom	59.71	60.02	60.73	.....	59.24	.....	.....	.....	61.70	59.55	58.96	58.54

1971												
5	+58.40	+57.87	+58.85	+58.46	+57.46	+59.38	+60.18	+60.78	.....	+59.55	+59.91	+59.42
10	58.30	58.40	58.89	58.10	57.32	60.44	60.99	59.02	.....	60.64	59.95	59.11
15	58.20	58.20	59.01	57.90	58.40	59.85	59.91	61.00	.....	60.10	59.40	58.88
20	58.10	57.98	58.60	57.73	58.82	60.75	61.03	60.63	+60.05	60.41	59.24	58.72
25	58.05	59.35	58.35	57.93	58.33	60.43	60.76	61.04	60.03	60.03	59.07	58.28
Eom	57.95	59.20	58.46	57.65	59.19	60.31	60.69	.....	59.45	60.56	59.14	58.79

272932080482201--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+58.02	+59.00	.....	+59.07	+57.96	.....	.....	.....	.....	+59.48	+58.24	+59.08
10	58.49	59.31	.....	.....	58.29	.....	.....	.....	+59.75	59.20	58.35	58.88
15	58.38	59.04	.....	.....	58.75	.....	.....	.....	61.10	59.00	58.52	59.82
20	58.28	.....	.....	.....	59.87	.....	.....	.....	59.94	58.78	59.20	58.86
25	58.25	.....	.....	.....	.....	.....	.....	.....	60.10	58.60	59.33	59.37
Eom	58.33	.....	+59.40	.....	.....	.....	.....	+61.45	59.52	58.44	59.46	59.12
1973												
5	+58.71	+59.79	+59.24	+59.57	+58.30	+58.70	+59.25	.....	.....	.....	+59.75	+58.80
10	59.29	60.44	60.65	59.89	59.57	59.78	60.28	.....	.....	.....	59.46	58.97
15	59.80	59.95	59.85	59.29	59.05	59.15	.....	.....	.....	.....	59.28	58.70
20	59.45	59.88	59.40	59.00	58.95	60.15	.....	.....	.....	.....	59.25	59.93
25	59.89	59.51	59.24	58.73	59.12	60.05	.....	.....	.....	.....	59.10	59.50
Eom	59.82	59.34	59.72	58.50	59.23	59.75	.....	.....	.....	+59.73	58.93	59.38

## Orange County

283253081283401. Local number 47. U.S. Geol. Survey. Formerly Orange County. Orlo Vista. Drilled observation (previously reported unused) artesian well in Floridan aquifer; diam 6 in (15 cm), previously reported 8 to 6 in (20 to 15 cm); depth 350 ft (107 m); cased to 328 ft (100 m). Lsd 72.12 ft (21.98 m) above msl. MP top of casing, 12.72 ft (3.88 m) above lsd. Highest water level 8.66 ft (2.64 m) above lsd, Mar. 20, 1960; lowest 16.50 ft (5.03 m) below lsd, May 15, 1968. Records available: 1930-33, 1943-73.

## Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.50	9.52	9.46	8.75	10.04	11.53	11.36	9.72	8.00	3.45	5.12	6.44
10	8.55	8.88	8.98	8.89	10.59	10.69	11.16	9.04	7.98	5.42	5.50	5.78
15	8.65	8.77	9.27	9.21	10.82	10.54	11.43	9.62	8.17	5.91	5.64	4.72
20	8.70	8.97	7.69	8.92	10.46	10.75	11.27	9.34	8.01	5.97	5.87	4.98
25	9.00	9.19	8.03	9.26	10.60	10.71	11.11	7.99	6.50	5.67	6.15	5.02
Eom	9.30	9.39	8.31	9.80	11.15	11.26	11.02	8.43	6.83	5.31	6.11	4.92

## 1970

5	4.23	1.49	3.28	4.14	7.58	7.70	7.18	7.29	7.60	8.22	8.80	10.14
10	4.28	2.50	3.08	4.50	8.12	7.76	7.34	6.84	7.40	8.73	9.02	10.40
15	4.13	3.00	3.05	4.93	8.82	8.00	7.20	6.43	7.54	9.00	9.21	10.59
20	4.12	2.70	3.56	5.50	9.08	8.15	7.40	6.93	7.84	8.94	9.13	10.74
25	4.13	3.04	3.85	6.44	8.68	8.77	7.05	6.95	7.95	8.83	9.37	10.78
Eom	4.40	3.32	3.92	7.23	7.90	7.24	6.32	7.11	7.75	8.62	9.32	10.61

## 1971

5	10.57	11.78	11.45	11.90	14.88	13.84	11.75	11.31	10.46	12.21	10.87	11.38
10	10.53	10.93	11.46	12.12	15.58	13.61	12.08	11.32	10.23	11.05	11.07	11.45
15	10.78	10.88	11.77	12.56	14.74	13.97	11.80	11.13	10.00	10.51	11.33	11.62
20	10.98	11.08	11.65	13.06	13.93	13.89	12.02	10.73	10.63	10.49	11.61	11.80
25	11.27	11.24	11.97	13.34	14.43	13.53	11.57	10.79	10.76	10.62	11.82	11.94
Eom	11.53	11.27	12.31	13.98	14.15	13.20	11.27	10.30	11.17	10.70	11.72	12.15

## 1972

5	12.36	12.64	12.49	12.30	13.86	13.87	13.18	13.85	10.55	12.61	13.72	12.71
10	12.60	12.23	12.68	12.54	13.75	14.58	13.01	13.56	11.46	12.93	13.48	12.91
15	12.83	12.13	12.94	13.17	13.76	14.56	13.18	12.87	11.74	13.19	13.25	13.05
20	12.72	11.94	13.14	13.75	13.43	12.56	12.18	12.30	12.31	13.45	13.18	13.07
25	12.82	12.20	13.42	13.68	13.42	12.62	12.58	11.68	12.60	13.59	13.06	12.67
Eom	12.86	12.37	12.14	13.69	13.44	13.16	13.50	10.28	13.17	13.44	12.66	12.91

## 1973

5	13.22	12.28	12.93	12.58	14.56	14.68	14.09	11.67	10.35	9.17	10.93	12.50
10	13.26	11.95	13.16	12.41	14.62	14.86	13.93	12.13	10.12	9.25	11.17	12.08
15	12.78	12.00	13.47	12.99	14.58	15.21	13.38	12.32	9.40	9.73	11.37	12.22
20	12.95	12.10	13.58	12.34	14.93	14.94	13.03	12.40	10.02	10.17	11.67	12.16
25	12.53	12.41	13.29	14.06	15.44	14.23	13.01	12.18	10.14	10.52	11.75	12.25
Eom	12.33	12.60	12.67	14.00	15.07	14.60	12.93	12.23	8.13	10.90	12.43	12.19

283253081283402. Local number 47B. U.S. Geol. Survey. Orlo Vista. Drilled observation water-table well in sand of Miocene, Pliocene and Pleistocene age, diam 6 in (15 cm), depth 20 ft (6 m), cased to 17 ft (5 m). Lsd 72.12 ft (21.98 m) above msl. MP top of casing, 9.80 ft (2.99 m) above lsd. Highest water level 9.8 ft (3.0 m) above lsd, Oct. 11, 1960; lowest 13.50 ft (4.11 m) below lsd, Oct. 25, 1972. Records available: 1948-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1969	7.20	Jan. 29, 1970	2.19	Jan. 27, 1971	9.11	June 26, 1972	11.70
Mar. 6	7.44	Feb. 27	.83	Feb. 1	9.49	Aug. 25	11.18
Apr. 1	6.60	May 14	3.78	25	10.00	Oct. 25	13.50
25	6.94	June 2	4.64	May 4	13.06	Jan. 5, 1973	11.89
May 26	8.14	30	5.12	June 25	12.17	Mar. 7	11.62
July 7	9.18	Aug. 28	5.16	Sept. 7	9.75	May 6	12.29
27	9.32	Sept. 25	5.72	Oct. 26	9.08	July 6	12.55
Aug. 28	7.02	Oct. 20	6.49	Jan. 3, 1972	10.43	Sept. 5	11.41
Oct. 28	3.83	Nov. 30	7.35	Feb. 28	11.02	28	10.04
Nov. 26	3.86	Dec. 29	8.37	Apr. 20	11.63	Dec. 5	9.05
Dec. 29	2.96						

283222081283301. Local number 47C. U.S. Geol. Survey. Drilled observation water-table well in sand, diam 6 in (15 cm), depth 50 ft (15 m), cased to 46 ft (14 m), gravel-packed 44-50 ft (13-15 m). Lsd not available. MP top of casing, 3.80 ft (1.16 m) above lsd. Highest water level 21.11 ft (6.43 m) below lsd, Oct. 18, 1960; lowest 39.35 ft (11.99 m) below lsd, June 4, 1953. Records available: 1948-69. Well plugged; measurement discontinued April 1969. Feb. 4, 1969, 34.47; Mar. 6, 34.10; Apr. 1, 34.74; Apr. 25, 35.31.

### Osceola County

281722080543001. Local number OS171. U.S. Geol. Survey. Drilled (previously reported jetted) observation water-table well in sand and gravel deposits of Pleistocene age, diam 6 in (15 cm), depth 19 ft (6 m), cased to 13 ft (4 m), gravel-packed 11-19 ft (3-6 m). Lsd 31.60 ft (9.63 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 33.56 ft (10.23 m) above msl, Sept. 23, 1960; lowest 26.89 ft (8.20 m) above msl, July 5, 1970. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+31.43	+30.18	+29.90	+31.43	+30.98	+30.31	+28.78	+30.16	+30.25	+31.74	.....	+31.05
10	31.29	30.10	31.52	31.17	30.33	29.96	28.51	30.05	30.88	.....	.....	32.05
15	30.95	30.47	32.02	30.94	31.01	29.89	28.50	30.04	30.74	.....	.....	31.50
20	30.75	30.33	31.81	30.86	31.37	29.85	28.60	28.53	30.86	.....	+31.35	31.28
25	30.66	30.02	31.60	30.71	31.03	29.19	28.63	30.33	31.60	.....	31.33	31.25
Eom	30.40	29.86	31.38	30.38	30.89	28.83	28.86	30.34	31.67	.....	31.05	31.17
1970												
5	+31.00	+30.80	+31.07	+30.95	+29.58	+29.20	+26.89	+28.87	+30.81	+29.09	+30.22	+29.62
10	30.87	30.66	31.28	31.10	29.34	29.01	29.34	30.46	29.77	30.00	30.14	29.59
15	30.59	30.56	31.20	31.20	28.72	28.72	29.00	30.34	29.56	29.87	30.06	29.46
20	31.16	31.08	31.03	30.93	28.66	28.44	28.86	30.20	29.44	29.76	30.00	29.31
25	31.04	31.14	31.00	30.92	29.73	28.08	28.81	30.09	29.31	29.70	29.88	29.14
Eom	30.88	31.00	31.25	30.03	29.51	27.20	29.05	29.90	30.10	30.30	29.70	28.88
1971												
5	+28.74	+28.26	+29.46	+28.79	+27.90	+28.26	+29.00	+30.43	+29.34	+30.31	+30.86	+31.20
10	28.68	30.08	29.37	28.60	27.76	28.11	29.48	30.34	29.20	30.61	31.20	31.28
15	28.63	30.00	29.28	28.48	28.77	28.24	29.58	30.20	29.12	30.98	30.93	31.10
20	28.59	29.80	29.10	28.32	28.62	28.36	29.77	30.00	29.07	31.10	30.78	31.03
25	28.44	29.67	28.99	28.31	28.44	28.44	30.10	29.78	28.93	30.90	30.58	30.96
Eom	28.34	29.57	28.90	28.06	28.33	28.77	30.58	29.47	30.13	30.59	30.68	30.99
1972												
5	+30.99	+31.50	+30.73	.....	+28.76	+28.94	+30.80	+30.46	+30.82	+30.04	+28.70	+30.97
10	30.79	31.45	30.40	.....	28.87	28.32	31.88	30.28	30.69	29.18	29.50	30.90
15	31.04	31.31	30.18	+29.35	28.62	28.30	31.78	29.90	30.58	28.95	29.20	30.75
20	30.84	31.25	29.95	29.12	28.37	31.08	31.40	.....	29.98	29.70	29.00	30.58
25	30.86	30.97	29.87	28.92	28.55	31.50	31.29	.....	29.45	29.10	29.75	31.16
Eom	30.85	30.85	29.54	28.90	28.25	31.35	30.86	30.90	29.18	28.97	30.95	30.95
1973												
5	+30.88	+31.30	+30.62	+31.43	+29.48	+29.55	+31.20	+31.55	+31.48	+31.42	+31.07	+30.05
10	30.79	31.42	31.20	31.35	31.08	30.13	31.12	31.49	31.76	31.78	30.99	30.15
15	31.44	31.31	30.88	30.95	30.65	30.54	30.67	31.30	31.51	31.51	30.82	30.00
20	31.16	31.32	30.58	30.68	30.03	30.88	31.16	30.97	31.40	31.93	30.69	30.95
25	31.70	31.08	30.75	30.18	30.47	31.48	31.34	31.58	31.75	31.60	30.64	30.73
Eom	31.52	31.03	31.44	29.98	30.36	31.11	31.65	31.42	31.72	31.14	30.23	30.61

280619080542601. Local number OS179. U.S. Geol. Survey. Deer Park. Drilled observation water-table well in sand and gravel deposits of Pleistocene age, diam 6 in (15 cm), depth 18 ft (5 m), cased to 18 ft (5 m), gravel-packed. Lsd 48.84 ft (14.89 m), previously reported 49.00 ft (14.94 m), above msl. MP top of casing, 3.20 ft (0.98 m) above lsd (since January 1969). Highest water level 48.64 ft (14.83 m) above msl, Dec. 10, 1969; lowest 42.67 ft (13.01 m) above msl, June 6, 1967. Records available: 1949-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+47.11	+46.04	+45.65	+47.26	+46.76	+46.64	+46.39	+47.39	+46.88	+47.80	+47.36	+47.05
10	47.10	45.92	47.30	46.89	46.30	47.22	46.12	47.51	46.98	47.44	47.13	48.64
15	46.82	45.78	47.21	46.60	46.94	47.19	45.86	47.34	47.26	47.26	47.64	47.45
20	46.52	46.04	47.49	46.64	47.50	47.44	46.69	47.20	47.37	47.30	47.30	47.37
25	46.35	45.82	47.34	46.48	47.29	47.23	46.56	47.71	47.72	47.40	47.24	47.41
Eom	46.18	45.69	47.26	46.36	47.17	46.67	46.25	47.29	47.95	47.60	47.38	47.34
1970												
5	+47.50	+47.42	+46.66	+47.37	+45.92	+45.16	+44.57	+45.89	+46.09	+46.02	+45.08	+44.42
10	47.43	47.28	47.25	47.18	45.69	45.34	45.81	46.62	45.89	45.70	44.86	44.33
15	47.78	47.02	47.32	46.76	45.48	45.08	46.93	46.54	45.71	45.46	44.78	44.26
20	47.44	46.93	46.93	46.49	45.27	44.91	46.62	46.16	45.55	45.49	44.68	44.21
25	47.30	46.83	46.76	46.29	45.50	44.75	46.79	46.51	45.39	45.19	44.60	44.12
Eom	47.28	46.75	47.33	46.12	45.36	44.64	46.25	46.49	46.14	45.19	44.50	44.06
1971												
5	+44.01	+43.64	+44.85	+44.04	+43.79	+44.76	+46.02	+47.50	+46.19	+45.48	+46.42	+46.02
10	43.95	45.11	44.75	44.05	43.73	44.66	46.15	46.97	46.09	45.04	46.30	46.09
15	43.87	45.15	44.47	44.01	44.61	44.96	47.42	46.78	46.03	46.44	46.16	45.94
20	43.82	45.08	44.33	43.96	45.34	44.90	47.54	46.58	45.88	47.26	46.03	45.73
25	43.74	45.03	44.22	43.91	45.17	45.31	47.83	46.45	45.77	47.21	45.92	45.64
Eom	43.68	44.96	44.10	43.86	44.95	45.67	47.72	46.35	45.63	46.72	45.84	45.56

280619080542601--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+45.46	+47.56	+46.67	+46.04	+45.27	+45.43	+47.35	+46.58	+47.32	+45.98	+45.22	+47.96
10	45.38	47.71	46.42	45.87	45.17	45.18	47.35	46.24	47.17	45.78	45.94	47.91
15	45.57	47.58	46.24	45.68	45.24	45.94	46.94	45.86	46.82	45.64	45.84	47.85
20	45.61	47.51	46.09	45.52	45.39	46.54	.....	46.13	46.57	45.68	45.72	47.70
25	45.67	47.04	45.99	45.37	45.58	47.22	.....	46.72	46.34	45.75	46.88	47.58
Eom	45.57	46.80	46.04	45.39	45.55	47.35	46.72	47.37	46.15	45.37	48.03	47.42
1973												
5	.....	+47.59	+46.95	+48.51	+46.42	+45.74	+46.74	+47.99	+47.34	+47.43	+47.09	+45.97
10	.....	47.89	47.96	48.02	46.67	45.79	48.03	48.00	47.41	47.77	46.92	45.81
15	.....	47.53	47.53	47.33	46.27	46.52	47.40	47.34	47.68	47.48	46.74	45.49
20	.....	47.73	47.27	47.01	46.05	47.74	48.08	47.16	47.34	48.36	46.57	45.82
25	.....	47.17	47.17	46.75	46.10	47.91	47.90	47.92	47.84	47.74	46.39	45.70
Eom	.....	47.06	47.66	46.66	45.94	47.22	47.57	47.79	47.97	47.20	46.23	45.62

281141081094101. Local number OS181. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age; diam 6 in (15 cm); depth 16 ft (5 m), previously reported 15 ft (5 m); cased to 14 ft (4 m); gravel-packed 11-16 ft (3-5 m). Lsd 79.13 ft (24.12 m), previously reported 79.00 ft (24.08 m), above msl. MP top of casing, 3.05 ft (0.93 m) above lsd. Highest water level 79.60 ft (24.26 m) above msl, Sept. 17, 1960; lowest 70.40 ft (21.46 m) above msl, June 3, 1971. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+74.97	+73.84	+73.58	+74.34	+73.50	+72.79	+72.90	.....	.....	+75.16	+74.58	+74.13
10	74.77	73.78	74.74	74.17	73.29	72.91	72.76	.....	.....	74.70	74.28	74.11
15	74.48	73.90	74.45	73.98	73.17	73.58	72.59	.....	+73.43	74.30	75.26	.....
20	74.82	73.97	75.34	74.03	73.23	73.49	72.99	.....	73.29	74.57	74.92	.....
25	74.13	73.74	74.94	73.85	73.06	73.19	72.93	.....	73.55	74.77	74.60	.....
Eom	73.97	73.64	74.56	73.64	72.97	72.79	72.12	.....	74.17	74.78	74.43	.....
1970												
5	+75.41	+74.87	+74.14	+75.22	+74.53	+72.81	+73.24	+73.36	+73.31	+73.20	+72.25	+71.73
10	75.17	74.63	74.53	74.86	73.29	72.72	73.20	73.20	73.06	72.89	72.14	71.63
15	75.01	74.40	74.69	74.66	73.15	72.67	73.60	73.13	72.86	72.64	72.08	71.60
20	74.99	74.41	74.34	74.34	72.83	73.39	73.83	72.96	.....	72.68	71.99	71.57
25	74.68	74.25	74.13	74.03	72.78	73.33	74.18	73.28	.....	72.38	72.90	71.47
Eom	74.49	74.21	74.83	73.77	72.77	73.44	73.75	73.70	73.30	72.38	71.83	71.40
1971												
5	+71.38	+71.29	+71.68	+71.45	+70.90	+70.48	+72.38	+73.59	+72.80	+72.31	+73.77	+73.32
10	71.33	71.73	71.86	71.44	70.77	70.79	72.41	73.32	72.81	73.27	73.52	73.38
15	71.28	71.90	71.87	71.32	70.66	71.61	72.22	73.21	72.94	73.78	73.35	73.21
20	71.21	71.87	71.83	71.22	70.73	71.69	72.60	73.24	72.71	74.01	73.21	73.03
25	71.16	71.83	71.68	71.06	70.60	71.58	74.37	73.08	72.55	74.50	73.06	72.88
Eom	71.22	71.81	71.57	70.99	70.46	72.11	73.93	72.89	72.45	74.02	72.97	72.75
1972												
5	+72.65	+73.21	+72.90	+72.09	+71.63	+71.61	+72.75	+72.91	+74.13	+73.41	+72.55	+74.36
10	72.56	73.32	72.72	72.04	71.52	71.45	72.57	72.58	73.85	73.30	72.55	74.00
15	72.45	73.42	72.58	71.92	71.55	71.35	72.57	72.48	73.55	73.15	72.46	73.76
20	72.37	73.39	72.46	71.81	71.99	72.94	72.57	72.32	73.22	72.93	72.37	73.60
25	72.31	73.22	72.27	71.83	71.93	73.54	72.43	73.83	72.99	72.77	72.31	74.21
Eom	72.26	73.07	72.14	71.72	71.70	73.13	72.38	74.09	73.07	72.67	74.64	73.89
1973												
5	+73.70	+74.95	+74.20	+74.67	+73.30	+73.08	+73.19	+74.70	+74.85	+75.09	.....	.....
10	73.54	75.01	74.10	74.47	73.94	72.98	72.87	74.20	75.01	75.57	.....	.....
15	74.73	74.81	73.97	74.12	73.90	73.08	72.63	73.91	74.51	75.15	.....	.....
20	74.36	74.70	73.80	73.88	73.61	72.97	72.73	73.76	74.18	75.35	.....	.....
25	74.84	74.49	73.71	73.66	73.48	72.89	72.85	73.52	75.57	75.03	.....	.....
Eom	74.85	74.38	74.65	73.49	73.28	72.87	73.92	73.65	75.62	.....	.....	.....

274646081074801. Local number OS182. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age, diam 6 in (15 cm), depth 23 ft (7 m), cased to 16 ft (5 m), gravel-packed 14-23 ft (4-7 m). Lsd 61.92 ft (18.87 m), previously reported 62.00 ft (18.90 m), above msl. MP top of casing, 2.80 ft (0.85 m) above lsd (since January 1969). Highest water level 61.87 ft (18.86 m) above msl, Sept. 10, 1969; lowest 55.94 ft (17.05 m) above msl, Aug. 13, 1950. Records available: 1949-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+59.90	+59.03	+58.89	+59.85	+58.81	+57.71	+59.58	+60.37	+61.73	+61.11	+61.12	+60.00
10	60.06	58.97	60.65	59.70	58.58	58.86	59.43	60.69	61.87	60.80	60.48	60.75
15	59.81	59.26	60.57	59.43	58.47	59.64	59.01	60.75	61.09	60.35	61.00	60.92
20	59.56	59.54	60.87	59.47	58.18	59.46	60.00	60.52	61.06	60.22	60.88	60.65
25	59.39	59.23	60.44	59.20	58.05	59.39	60.83	60.87	60.92	60.39	60.35	60.63
Eom	59.21	59.08	60.12	59.04	57.86	58.93	60.48	61.32	60.78	61.13	60.31	60.47
1970												
5	+60.98	+60.78	+59.76	+60.80	+58.11	+59.43	+60.27	+59.63	+59.59	+60.47	+60.32	+58.82
10	61.02	60.61	60.35	60.32	57.92	59.14	60.47	59.41	61.87	59.85	60.05	58.75
15	.....	60.20	60.82	59.86	57.74	58.74	60.62	59.74	58.80	60.00	59.51	58.55
20	.....	60.12	60.35	59.49	57.56	58.35	59.89	59.22	58.71	59.49	59.43	58.43
25	60.69	59.95	60.61	59.19	57.40	58.55	60.63	60.23	58.57	60.18	59.14	58.34
Eom	60.42	60.04	61.12	58.93	59.54	58.72	60.43	60.42	60.01	60.47	58.96	58.27
1971												
5	+58.31	+57.77	+59.08	+57.90	+57.22	.....	.....	.....	+59.98	+58.47	+59.27	+59.28
10	58.27	59.52	58.77	57.62	57.13	.....	.....	.....	59.49	59.74	59.36	59.22
15	58.17	59.42	58.59	57.52	57.02	.....	.....	+59.58	60.16	60.23	59.15	58.94
20	58.05	59.15	58.42	57.40	56.88	.....	.....	59.70	59.57	60.48	58.84	58.68
25	57.96	59.42	58.21	.....	.....	.....	.....	59.29	59.09	60.28	58.65	58.50
Eom	57.86	59.47	58.00	.....	.....	+58.82	.....	59.85	58.82	59.66	58.47	58.29

274646081074801--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+58.15	....	....	....	....	....	+59.59	....	+60.49	....	+57.95	+59.60
10	58.01	....	....	....	....	....	59.90	....	59.77	....	57.80	59.30
15	58.17	....	....	....	....	....	....	....	59.44	+58.97	57.59	58.97
20	58.22	....	....	+58.66	....	....	....	....	59.03	58.73	57.48	59.29
25	....	....	....	59.07	....	....	....	+60.66	58.71	58.43	57.41	59.94
Eom	....	....	....	58.95	....	+59.84	....	60.73	....	58.12	59.71	59.54
1973												
5	+59.29	+60.51	+59.43	+60.63	+58.45	+58.10	....	+60.67	....	+60.11	....	....
10	59.08	60.24	60.10	60.63	59.11	....	+59.57	60.15	....	....	....	....
15	....	60.20	....	59.87	....	57.85	....	59.74	+60.69	....	....	....
20	....	60.38	59.07	59.24	58.61	57.76	....	60.00	60.02	....	....	....
25	60.55	59.91	59.17	58.85	58.24	57.74	....	....	59.64	....	....	....
Eom	60.66	59.76	59.37	58.71	58.33	58.10	60.63	60.44	....	....	....	....

274828081010901. Local number OS183. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age; diam 6 in (15 cm); depth 27 ft (8 m); cased to 22 ft (7 m); gravel-packed 19-27 ft (6-8 m), previously reported 16-27 ft (5-8 m). Lad 73.33 ft (22.35 m), previously reported 73.00 ft (22.25 m), above msl. MP top of casing, 3.59 ft (1.07 m) above lsd (since January 1969). Highest water level 73.43 ft (22.38 m) above msl, Oct. 9, 1953; lowest 68.09 ft (20.75 m) above msl, May 9-11, 1968. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+72.06	+70.74	.....	+71.10	+70.12	+69.63	+69.68	.....	.....	+73.14	.....	+71.38
10	71.87	.....	.....	71.02	69.93	70.42	69.59	.....	+71.71	72.23	.....	73.05
15	71.34	.....	+71.91	70.76	70.37	70.63	.....	.....	72.58	71.41	.....	.....
20	71.28	.....	72.90	72.60	70.76	70.27	.....	.....	72.34	71.65	.....	.....
25	71.17	.....	71.89	70.68	70.29	70.13	.....	.....	72.63	71.73	+71.46	.....
Eom	70.86	.....	71.26	70.28	69.81	69.73	.....	.....	73.08	.....	72.26	.....
1970												
5	.....	+72.51	+71.18	.....	+69.90	.....	.....	.....	.....	.....	.....	+70.31
10	.....	71.81	71.64	.....	.....	.....	.....	.....	.....	+72.06	+71.26	70.13
15	+73.01	71.42	71.62	.....	.....	.....	.....	.....	.....	71.18	71.24	70.01
20	72.51	71.64	73.08	+72.36	.....	.....	.....	.....	.....	71.27	70.86	69.92
25	71.80	71.57	71.76	70.89	.....	.....	.....	.....	.....	.....	70.56	69.79
Eom	71.56	71.36	.....	70.39	.....	.....	.....	.....	.....	.....	70.43	70.01
1971												
5	+69.92	+69.31	+70.38	+69.87	+68.96	+68.79	.....	+70.97	.....	+70.46	+71.17	+71.21
10	69.76	71.19	70.16	69.77	68.84	.....	.....	71.66	.....	70.48	71.69	70.92
15	69.63	70.87	70.05	69.46	69.16	.....	.....	72.69	.....	.....	70.92	70.58
20	69.53	70.62	69.91	69.31	69.16	.....	+72.83	72.68	+71.30	72.71	70.74	70.32
25	69.50	70.97	69.74	69.20	69.16	.....	72.65	72.61	71.06	72.13	70.37	70.56
Eom	69.38	70.77	69.62	69.08	68.98	.....	71.61	72.50	70.73	71.59	70.25	70.17
1972												
5	+70.12	+71.29	+71.65	+70.63	+69.84	+69.39	+71.96	.....	+72.32	.....	+70.00	+72.19
10	69.89	72.05	70.90	70.40	70.07	69.24	72.72	.....	71.39	.....	70.05	71.74
15	69.92	71.41	70.66	70.03	69.84	69.21	71.63	.....	72.15	.....	70.36	72.00
20	69.80	71.70	70.43	69.75	70.51	.....	.....	+70.88	71.15	+70.65	70.24	71.77
25	69.88	71.15	70.20	69.86	70.00	72.82	.....	71.28	70.90	70.39	70.15	.....
Eom	69.73	71.62	71.10	69.54	69.79	71.31	.....	72.22	.....	70.23	72.98	.....
1973												
5	.....	.....	.....	.....	.....	+70.06	.....	.....	.....	+71.97	+72.12	+70.61
10	.....	.....	.....	.....	.....	70.18	.....	.....	.....	71.81	71.38	70.58
15	.....	.....	.....	.....	+70.82	.....	+71.12	.....	+71.99	71.33	71.08	70.44
20	.....	.....	.....	.....	70.27	.....	72.78	.....	71.41	72.97	70.97	71.04
25	.....	.....	.....	.....	70.69	.....	72.01	.....	71.70	72.03	70.88	70.88
Eom	.....	.....	.....	.....	70.17	.....	.....	.....	73.02	71.22	70.68	70.69

## Palm Beach County

263652080033801. Local number PB88. U.S. Geol. Survey. South F St. and First Ave., Lake Worth. Drilled observation water-table well in sand of Biscayne aquifer, diam 6 in (15 cm), depth 17 ft (5 m), cased to 16 ft (5 m), gravel-packed 12-17 ft (4-5 m). Lad 14.44 ft (4.40 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 15.47 ft (4.72 m) above msl, Oct. 5, 1948; lowest 2.86 ft (0.87 m) above msl, May 1, 1971. Records available: 1944-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+7.30	+6.68	+5.90	+6.09	+5.53	+5.57	+7.90	+7.22	+7.08	+9.30	+10.24	+9.44
10	7.25	6.50	6.42	5.94	5.44	6.44	7.65	7.12	7.23	9.23	9.99	9.25
15	7.32	6.46	6.47	5.80	5.40	6.88	7.37	7.45	8.36	8.97	10.00	9.06
20	7.17	6.33	6.51	5.67	5.92	7.35	7.19	7.47	8.54	9.15	9.79	8.85
25	7.04	6.14	6.35	5.52	5.96	7.85	7.04	7.60	9.05	9.07	...	8.65
Eom	6.85	6.01	6.20	5.41	5.83	7.80	7.00	7.36	9.18	10.05	9.72	7.49
1970												
5	+8.10	+8.72	+7.77	+8.64	+7.11	+13.38	+8.46	+7.22	+6.89	+7.50	...	+5.24
10	7.87	8.73	8.57	8.36	6.79	7.50	8.24	7.54	6.69	7.27	...	5.11
15	7.71	8.54	8.68	8.16	6.55	8.27	8.02	7.41	6.78	6.99	...	...
20	9.16	8.33	8.58	7.88	6.30	8.19	7.78	7.18	6.62	6.81	...	...
25	8.92	8.13	8.30	7.57	6.72	8.15	7.62	7.37	6.53	6.64	+5.53	...
Eom	8.60	7.98	8.93	7.36	6.74	8.45	7.43	7.09	6.54	...	5.40	...

263652080033801--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+4.51	+3.98	+3.57	+3.20	+2.87	+3.28	+4.27	+4.96	+4.85	+5.19	+6.60	+6.50
10	4.44	3.88	3.48	3.16	2.89	3.27	4.37	4.91	5.13	5.57	7.02	6.39
15	e4.31	3.81	3.40	3.07	3.04	e3.39	4.37	4.86	5.46	5.50	7.14	6.24
20	e4.25	3.74	3.37	3.01	3.33	e4.28	4.21	4.70	5.54	5.54	7.02	6.10
25	e4.16	3.69	3.27	2.96	3.47	e4.25	4.45	4.53	5.49	5.58	6.85	6.49
Eom	4.07	3.67	3.19	2.87	3.40	4.26	4.43	4.70	5.31	5.73	6.67	6.30
1972												
5	+6.44	+5.78	+5.47	+5.01	+7.40	+9.05	+9.62	+9.07	+8.06	+7.47	+6.39	+6.43
10	6.51	5.79	5.45	4.86	7.32	9.28	9.38	8.92	8.33	7.32	7.32	6.30
15	6.35	5.83	5.32	4.81	7.54	9.80	9.17	8.81	8.23	7.11	7.08	6.18
20	6.07	5.70	5.24	5.59	7.79	10.27	9.65	8.67	7.94	6.94	6.87	6.04
25	5.94	5.59	5.06	5.22	7.89	10.20	9.57	8.66	7.77	6.81	6.72	6.01
Eom	5.90	5.52	4.98	7.25	8.27	10.10	9.29	8.22	7.61	6.58	6.58	5.88
1973												
5	+5.75	+5.23	+4.84	+5.08	+4.28	+4.65	+6.47	+6.80	+7.26	+7.72	+7.13	+6.27
10	5.59	5.16	4.73	4.94	4.88	5.26	6.50	6.70	7.27	7.60	6.90	6.12
15	5.53	5.07	4.66	4.68	5.12	5.09	6.58	6.69	7.46	7.60	6.73	6.00
20	5.43	4.96	4.61	4.57	4.85	5.41	6.38	6.47	7.51	7.40	6.80	5.96
25	5.43	4.90	4.84	4.47	4.61	5.94	6.71	6.69	7.97	7.25	6.60	5.97
Eom	5.31	4.91	5.77	4.37	4.94	6.13	6.87	6.73	7.98	7.05	6.42	5.73
e Estimated.												

e Estimated.

264005080033501. 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 (15 cm), depth 18 ft (5 m), cased to 16 ft (5 m), gravel-packed 14-18 ft (4-5 m). Lsd 14.43 ft (4.40 m) above msl. MP top of casing, 2.50 ft (0.76 m) above lsd. Highest water level 14.06 ft (4.29 m) above msl, Oct. 6, 1948; lowest 5.01 ft (1.53 m) above msl, Mar. 23, 1962. Records available: 1948-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+7.65	+7.20	+6.76	+6.85	+7.06	+7.14	....	....	....	+10.45	e+10.71	e+9.48
10	7.68	7.09	7.22	6.75	7.05	7.54	....	....	....	10.25	e10.50	e9.28
15	7.75	7.17	7.29	6.63	7.25	7.82	....	....	....	10.04	e10.30	e9.07
20	7.74	7.00	7.27	6.54	7.40	8.74	....	....	....	e10.00	e10.09	e8.87
25	7.57	6.86	7.09	6.42	7.38	8.88	....	+9.17	e+9.80	e9.97	9.87	e8.66
Eom	7.33	6.80	6.99	6.36	7.29	7.63	....	....	10.65	11.04	e9.69	8.51
1970												
5	+8.25	+8.50	....	+9.06	+7.80	+8.42	+8.18	+7.33	+7.19	+8.06	....	....
10	8.09	8.46	....	8.86	7.58	8.53	8.16	7.82	7.04	7.39	....	+6.46
15	7.90	8.35	....	8.58	7.41	8.94	8.03	7.88	7.16	7.65	....	6.35
20	9.14	8.22	....	8.36	7.28	8.67	7.88	7.71	7.12	7.50	....	....
25	8.80	8.05	....	8.16	....	8.44	7.71	7.49	7.00	7.41	....	....
Eom	8.60	....	+9.38	8.01	7.89	8.32	7.53	7.30	7.44	....	....	....
1971												
5	+6.04	+5.64	+5.51	e+5.37	+5.46	+6.11	+6.28	+5.96	+5.91	+6.52	+8.31	+7.62
10	5.94	5.61	5.49	e5.33	e5.44	6.14	6.29	6.02	6.30	6.43	8.39	7.51
15	5.90	5.60	5.45	e5.32	e5.45	6.18	6.17	5.98	6.85	6.44	8.18	7.40
20	5.84	5.55	5.41	e5.33	e6.18	5.98	6.03	5.85	6.87	6.51	7.94	7.33
25	5.76	5.55	5.38	5.33	6.13	6.15	6.07	5.74	6.75	6.71	7.88	7.45
Eom	5.68	5.54	5.36	5.20	5.95	6.35	5.96	5.71	6.65	6.76	7.72	7.31
1972												
5	+7.32	+6.91	+6.94	+6.95	+8.89	+10.41	+9.61	+10.13	+8.88	+8.09	+7.20	+7.49
10	7.33	7.27	6.87	6.84	8.65	10.25	9.43	10.06	9.59	7.95	7.99	7.39
15	7.19	7.38	6.79	6.77	9.34	9.99	9.88	9.91	8.83	7.86	7.91	7.29
20	7.10	7.29	6.69	6.97	9.53	10.25	10.92	9.59	8.55	7.69	7.79	7.16
25	7.09	7.06	6.59	7.48	9.45	10.18	10.35	9.36	8.38	7.53	7.69	7.09
Eom	7.00	6.95	6.87	9.35	9.72	9.93	10.58	9.12	8.20	7.33	7.60	7.02
1973												
5	+6.93	+6.57	+6.44	+6.40	+5.97	+6.11	+7.75	+7.74	+8.19	+8.48	+8.02	+7.27
10	6.84	6.47	6.39	6.29	6.27	6.37	7.68	7.68	8.20	8.15	7.98	7.14
15	6.80	6.41	6.37	6.20	6.26	6.33	7.57	7.65	8.62	8.33	7.70	7.03
20	6.71	6.44	6.28	6.16	6.21	6.96	7.43	7.47	9.00	8.54	7.60	6.93
25	6.68	6.41	6.26	6.09	6.08	7.72	7.74	7.31	8.88	8.35	7.50	6.95
Eom	6.61	6.44	6.46	6.04	6.17	7.99	7.81	7.50	8.70	8.15	7.37	6.87

e Estimated.

264841080114901. Local number PB109. U.S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diam 6 in (15 m), depth 14 ft (4 m), cased to 9 ft (3 m), gravel-packed 8-14 ft (2-4 m). Lsd 17.85 ft (5.44 m) above msl. MP top of casing, 4.80 ft (1.46 m) above lsd. Highest water level 19.73 ft (6.01 m) above msl, Oct. 9, 1953; lowest 14.64 ft (4.46 m) above msl, May 14, 1971. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+18.35	+18.10	+18.14	+18.26	+18.17	+18.37	+18.53	+18.37	+18.49	+18.97	+18.97	+18.72
10	18.29	18.07	18.49	18.10	18.10	18.65	18.34	18.60	18.67	.....	18.91	18.82
15	18.25	18.30	18.38	17.95	18.02	18.65	18.24	18.60	18.71	.....	18.85	18.70
20	18.25	18.20	18.36	17.81	18.22	18.67	18.30	18.55	18.64	.....	18.79	18.67
25	18.24	18.08	18.32	17.60	18.09	18.56	18.31	18.52	18.77	.....	18.71	18.57
Eom	18.23	18.05	18.28	17.60	18.14	18.53	18.39	18.47	18.76	19.10	18.79	18.49



264841080114901--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+18.47	+18.54	+18.14	+19.07	+17.94	+18.41	+18.12	+18.01	+18.27	+18.40	+18.32	+17.90
10	18.35	18.55	18.52	18.61	17.70	18.29	18.22	18.24	18.18	18.31	.....	17.74
15	18.71	18.46	18.63	18.68	17.45	18.36	18.08	18.13	18.26	18.25	.....	17.66
20	18.68	18.42	18.58	18.68	17.53	18.35	17.96	18.21	18.25	18.40	.....	17.56
25	18.56	18.34	18.89	18.32	18.32	18.20	18.11	18.21	18.26	18.40	17.87	17.47
Eom	18.53	18.28	18.96	18.16	18.32	18.09	18.08	18.23	18.39	18.28	17.84	17.24
1971												
5	+17.32	+17.65	+17.06	+15.63	+14.87	+17.45	+17.99	+18.24	+18.12	e+17.83	e+18.72	+18.09
10	17.09	17.65	16.80	15.46	14.72	e17.66	18.01	18.26	18.33	e18.25	18.61	18.06
15	17.17	17.48	16.51	15.30	15.02	e17.90	17.90	18.21	18.43	e18.17	18.50	18.00
20	17.48	17.27	16.22	15.17	17.38	17.75	17.70	18.12	e18.27	e18.17	18.30	18.06
25	17.91	17.68	15.96	15.01	17.93	17.85	18.08	18.15	e18.04	e18.02	18.19	18.46
Eom	17.94	17.51	15.75	14.90	17.65	17.97	18.08	18.16	17.87	e18.50	18.15	18.28
1972												
5	+18.30	+18.24	+17.93	+18.03	+18.02	+18.78	+18.54	+18.45	+18.47	+18.44	+17.76	+18.24
10	18.31	18.28	17.81	18.13	17.86	18.91	18.70	18.29	18.54	18.26	18.21	18.11
15	18.23	18.20	17.62	17.83	18.66	18.75	18.60	18.36	18.45	18.15	18.26	18.00
20	18.29	18.11	17.48	17.93	18.71	18.80	18.81	18.47	18.25	18.17	18.33	17.92
25	18.36	18.01	17.17	17.72	18.50	18.68	18.63	18.70	18.49	17.99	18.22	18.12
Eom	18.25	17.93	17.90	18.29	18.65	18.59	18.63	18.64	18.38	17.85	18.18	18.06
1973												
5	+17.97	+18.14	+17.81	+16.82	+15.31	+16.32	+18.07	+18.59	+18.73	.....	+18.25	+17.88
10	17.85	18.13	17.83	16.47	17.40	17.62	18.00	18.55	18.55	.....	18.18	17.90
15	18.07	18.00	17.50	16.10	17.65	17.95	18.17	18.50	18.67	.....	18.12	17.76
20	17.93	18.08	17.32	15.85	17.11	18.28	18.30	18.41	18.05	.....	18.12	18.00
25	18.09	17.98	17.05	15.60	16.84	18.10	18.53	18.61	18.71	+18.47	18.04	.....
Eom	18.13	18.00	17.21	15.53	16.43	17.84	18.70	18.70	18.50	18.35	17.94	.....

e Estimated.

## Pasco County

281558082264601. Local number 13. C. C. Cone. Drilled unused water-table well in Floridan aquifer, diam 6 in (15 cm), depth 49 ft (15 m), cased to 43 ft (13 m). Lsd 80.5 ft (24.5 m) above msl. MP top of casing, at lsd. Highest water level 3.30 ft (1.01 m) below lsd, Mar. 18, 1960; lowest 10.5 ft (3.2 m) below lsd, June 1945. Records available: 1934, 1936-73.

## Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.76	7.47	7.42	6.60	7.33	7.44	7.20	5.07	5.17	4.32	5.72	6.39
10	6.89	7.29	6.58	6.68	7.66	7.61	7.20	5.63	5.50	5.30	6.00	4.51
15	6.96	7.02	6.73	6.96	7.93	6.60	6.74	5.20	5.60	5.62	5.40	5.25
20	7.01	7.11	5.73	6.89	7.33	6.97	5.76	5.44	4.99	5.45	5.85	5.55
25	7.20	7.29	5.74	7.21	7.33	6.91	5.73	4.96	4.49	5.25	6.14	5.58
Eom	7.39	7.45	6.36	7.49	8.10	7.37	5.91	5.25	4.77	5.43	6.10	5.63
1970												
5	5.15	4.92	4.93	5.75	7.39	5.96	7.36	7.70	5.38	6.34	7.08	7.57
10	5.10	5.24	5.21	6.07	7.65	6.41	6.63	5.76	5.37	6.33	7.22	7.68
15	5.10	5.60	5.22	6.28	7.97	6.15	7.59	5.55	5.34	6.61	7.02	7.78
20	5.45	5.49	5.58	6.53	8.16	6.90	7.57	5.34	5.79	6.56	7.24	7.83
25	5.62	5.34	5.25	6.77	7.51	7.09	7.26	4.72	5.72	6.56	7.45	7.73
Eom	5.88	5.67	5.57	7.09	e5.8	7.02	7.53	4.91	6.04	6.82	7.48	7.46
1971												
5	7.54	7.70	6.78	6.64	....	8.44	6.19	5.50	5.33	6.10	6.17	6.02
10	7.11	5.96	6.80	6.77	8.10	8.17	6.35	5.80	4.05	5.34	6.26	6.25
15	7.27	6.31	5.89	7.09	7.36	8.29	6.63	e5.0	4.55	5.37	6.42	6.42
20	7.44	6.48	6.93	....	7.38	7.42	6.84	5.35	5.13	5.77	6.55	6.55
25	7.61	6.49	7.20	....	7.78	6.88	6.17	4.73	5.06	6.06	6.66	6.16
Eom	7.78	6.59	7.35	7.79	8.67	6.67	6.10	5.28	5.82	6.30	6.38	6.41
1972												
5	6.90	6.75	e6.2	7.08	8.45	8.79	7.49	8.50	....	7.41	8.59	6.84
10	7.15	6.64	6.56	7.37	7.77	8.65	7.46	8.51	7.86	7.75	8.74	7.03
15	7.06	6.83	e6.7	7.61	7.93	8.71	7.95	....	8.10	8.07	8.55	7.21
20	7.11	5.99	6.74	....	8.29	....	7.84	....	....	8.19	8.37	8.54
25	7.26	6.25	7.01	7.95	8.51	....	8.15	....	8.55	8.57	7.58	....
Eom	7.30	6.43	6.78	8.19	8.71	7.15	8.38	....	8.69	8.32	6.59	....
1973												
5	7.05	6.16	6.69	5.30	7.19	8.40	8.91	e7.9	6.45	6.76	6.98	8.33
10	6.70	5.79	6.49	5.64	6.89	e8.5	9.01	e7.7	6.14	6.76	7.28	7.49
15	e6.8	5.88	6.85	2.16	7.24	8.50	9.23	e7.5	5.83	7.15	7.59	7.52
20	6.98	5.97	6.92	6.47	7.55	8.74	8.73	e7.3	6.42	7.37	7.78	7.07
25	6.32	6.35	7.12	6.77	7.89	e8.9	e8.4	e7.0	5.79	7.60	7.95	7.19
Eom	6.16	6.47	6.07	6.95	8.20	9.09	e8.1	6.60	6.27	7.50	8.19	6.85

e Estimated.

## Pinellas County

280820082450101. Local number 13. U.S. Geol. Survey. Drilled observation artesian well in Floridan aquifer; diam 6 in (15 cm); depth 141 ft (43 m); cased to 32 ft (10 m) previously. reported 33 ft (10 m). Lsd 11.88 ft (3.62 m) above msl. MP top of casing, 2.90 ft (0.88 m) above lsd. Highest water level 6.63 ft (2.02 m) below lsd, Sept. 10, 1971; lowest 11.10 ft (3.38 m) below lsd, Sept. 8, 1965. Records available: 1947-73. Affected by tides.

280820082450101--Continued.

Highest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.58	9.45	9.20	9.19	8.93	8.71	9.04	8.70	7.72	7.66	8.22	....
10	9.48	9.18	9.17	9.19	9.46	8.80	9.00	8.43	7.74	7.66	....	....
15	9.35	8.62	9.40	9.08	8.93	8.74	8.88	7.85	7.92	7.75	....	9.06
20	8.94	9.18	9.12	9.03	8.78	8.94	8.57	7.64	7.71	7.81	....	8.91
25	9.35	9.34	9.10	9.48	8.84	8.85	8.40	7.56	7.55	e7.8	....	8.58
Eom	9.11	9.09	9.19	9.19	8.62	8.60	8.07	7.71	7.78	e7.9	....	8.60
1970												
5	8.65	....	....	8.23	8.64	8.40	8.24	8.45	8.78	....	8.83	....
10	9.01	....	8.20	8.47	8.38	8.82	8.67	8.24	8.84	....	8.44	....
15	8.94	....	8.25	8.64	8.81	8.73	8.66	8.17	8.75	8.44	....	....
20	....	....	8.42	8.34	8.43	8.30	8.09	8.50	8.99	7.83	....	....
25	....	....	8.40	8.47	8.28	8.27	8.65	8.68	....	8.76	....	....
Eom	....	....	8.34	8.71	8.60	8.48	8.29	8.72	....	8.49	....	....
1971												
5	....	8.54	8.64	8.44	9.25	8.87	8.88	8.27	7.55	7.54	7.87	8.07
10	....	8.20	8.42	8.84	8.87	8.62	8.49	7.99	6.63	7.58	7.77	8.14
15	....	e8.35	8.47	8.84	8.48	9.03	8.78	7.87	6.68	7.65	8.00	8.18
20	9.07	8.45	8.75	9.00	8.79	8.91	8.61	7.11	7.24	7.58	7.87	8.12
25	8.36	8.28	8.49	8.74	8.37	8.81	8.75	7.29	7.53	7.58	8.10	8.44
Eom	8.49	8.25	8.71	8.76	9.13	9.24	8.85	7.34	7.50	7.67	8.03	8.25
1972												
5	8.38	9.05	8.36	8.70	8.92	8.85	8.62	8.42	8.18	8.49	8.39	8.31
10	8.43	9.08	8.77	8.83	8.63	8.45	8.24	8.40	8.18	8.37	8.38	....
15	8.55	8.69	8.45	8.21	8.05	8.57	8.63	8.56	8.38	8.20	8.75	....
20	8.54	8.51	8.59	8.92	8.83	7.85	8.60	8.49	8.33	....	....	....
25	8.70	8.40	8.73	8.73	8.63	8.28	8.14	8.26	8.22	....	....	8.25
Eom	8.42	8.38	8.11	8.28	8.28	8.52	8.12	8.21	8.50	8.75	e8.3	....
1973												
5	8.23	8.38	8.31	7.88	8.20	8.42	8.55	8.82	7.84	7.92	8.37	8.11
10	8.45	8.07	8.33	8.05	8.36	8.68	8.67	7.80	7.15	7.90	8.25	8.03
15	8.58	8.30	8.34	8.17	8.43	8.38	8.34	7.79	e7.7	7.97	8.12	8.38
20	8.17	8.43	8.23	8.04	8.45	8.56	8.56	7.81	7.81	8.24	8.27	7.97
25	8.41	8.53	7.83	8.22	8.67	8.72	8.37	7.80	7.92	8.13	8.03	8.20
Eom	8.36	8.62	7.93	8.22	8.23	8.12	8.04	7.81	7.90	8.22	8.77	8.14

e Estimated.

275843082474201. Local number 246. City of Clearwater. Drilled unused artesian well in Floridan aquifer, diam 10 in (25 cm), depth 208 ft (63 m), cased to 54 ft (16 m). Lsd 32.27 ft (9.84 m) above ms1. MP top of casing, at lsd. Highest water level 23.64 ft (7.21 m) below lsd, Sept. 6, 1950; lowest 28.72 ft (8.75 m) below lsd, May 25, 1956. Records available: 1945-73. Affected by tides.

Highest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	26.99	27.31	27.05	27.00	e27.25	e26.88	e26.80	.....	.....	26.00	26.40	26.70
10	27.00	27.08	27.04	27.01	e27.48	e26.90	e26.93	.....	.....	26.17	25.96	25.86
15	27.27	27.02	27.00	27.02	27.29	e26.80	26.66	.....	.....	26.05	26.17	26.33
20	27.00	27.05	27.00	27.09	e26.80	e26.88	.....	.....	.....	26.05	26.53	26.62
25	27.02	27.06	27.00	27.66	e26.96	e26.86	.....	.....	25.87	26.35	26.71	26.23
Eom	27.02	27.04	27.05	27.53	e26.92	e26.87	e26.70	e26.25	26.00	26.09	26.52	26.16
1970												
5	26.48	26.86	25.86	25.92	27.13	e26.8	26.47	26.47	26.18	.....	26.51	26.94
10	26.85	26.54	26.14	26.27	26.99	e26.6	26.68	26.03	26.17	.....	26.23	27.00
15	26.37	26.42	26.49	26.69	27.52	e26.6	26.43	26.10	.....	26.17	26.09	26.98
20	26.54	26.57	26.37	26.29	27.46	e26.6	26.39	26.18	.....	26.16	26.57	27.21
25	26.50	26.23	26.29	26.80	e27.4	26.57	26.45	25.93	.....	26.19	27.02	26.60
Eom	27.10	26.73	26.12	27.14	e27.1	26.47	26.37	26.04	.....	26.47	26.77	26.51
1971												
5	26.79	26.98	26.73	26.41	27.61	27.64	27.17	26.60	26.25	26.30	26.36	26.37
10	26.83	27.04	26.57	27.08	27.86	27.27	26.83	26.78	25.72	.....	26.15	26.60
15	27.00	27.00	26.50	26.93	27.21	27.37	26.97	26.43	25.76	26.17	26.07	26.51
20	27.47	26.86	26.73	27.05	27.35	27.59	27.16	26.34	25.99	25.96	26.04	26.66
25	26.83	26.92	26.73	26.68	27.28	27.30	26.95	26.39	26.19	26.19	26.51	26.93
Eom	26.76	26.23	27.07	26.89	27.51	27.44	26.86	26.29	26.20	26.47	26.13	26.75
1972												
5	26.77	.....	26.86	27.47	27.32	27.63	.....	27.23	26.43	26.98	27.28	26.81
10	26.70	.....	27.50	.....	27.28	27.65	.....	27.21	26.78	27.06	27.13	27.10
15	27.04	.....	.....	.....	26.85	27.20	.....	27.17	26.82	27.26	26.98	26.91
20	27.00	.....	.....	.....	27.36	26.02	.....	26.89	26.86	27.05	26.77	26.94
25	27.06	.....	.....	.....	27.56	26.75	.....	26.69	26.89	26.96	26.55	.....
Eom	26.96	27.02	.....	.....	27.21	27.13	26.75	26.44	26.89	27.26	26.77	.....
1973												
5	.....	26.93	26.59	26.29	27.48	27.71	27.18	26.98	26.41	26.73	27.02	26.90
10	27.14	26.19	26.51	26.85	27.26	27.81	27.62	26.96	26.31	26.86	27.16	27.22
15	27.16	26.46	26.78	27.11	27.49	27.50	27.60	26.76	26.48	26.84	26.98	26.98
20	26.79	26.67	26.59	27.02	27.71	27.42	27.48	26.85	26.58	27.24	26.93	26.88
25	26.99	26.58	26.13	27.06	27.74	27.29	27.15	26.74	26.46	27.03	26.84	27.10
Eom	26.99	26.81	26.30	27.45	27.68	27.28	26.97	26.70	26.56	26.86	27.71	26.94

e Estimated.

## Polk County

281058081364201. Local number 44. P. E. Williams. Davenport. Drilled unused artesian well in Floridan aquifer, diam 10 in (25 cm), depth 195 ft (59 m), cased to 81 ft (25 m). Lsd 113.14 ft (34.49 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 0.86 ft (0.26 m) above lsd, Sept. 13, 1960; lowest 6.23 ft (1.90 m) below lsd, June 9, 1972. Records available: 1945-73.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	2.91	3.49	3.42	3.01	3.51	3.93	4.18	3.04	2.82	1.18	1.50	2.08
10	3.07	3.40	2.95	3.12	3.87	4.03	4.28	3.07	2.91	1.33	1.62	1.58
15	3.19	3.15	2.96	3.13	3.85	3.89	4.50	3.04	2.60	1.53	1.58	1.65
20	3.09	3.36	2.61	3.21	3.32	4.08	4.37	3.09	2.42	1.46	1.73	1.88
25	3.33	3.42	2.63	3.52	3.38	4.15	3.72	2.75	1.64	1.44	1.84	1.81
Eom	3.32	3.47	2.80	3.58	3.73	4.29	3.61	2.87	1.61	1.40	1.87	2.00

1970

5	1.86	1.93	2.11	1.87	3.01	2.96	3.12	2.50	2.98	2.60	3.02	3.48
10	1.79	2.15	2.02	2.15	3.17	3.12	2.80	2.57	2.34	2.53	3.12	3.61
15	1.85	2.16	1.85	2.33	3.36	3.20	2.55	2.55	2.32	2.70	3.18	3.63
20	1.92	2.23	1.95	2.38	3.46	3.35	....	2.79	2.52	2.81	3.19	3.66
25	2.13	2.18	1.97	....	3.11	3.02	....	2.77	2.40	2.81	....	3.55
Eom	2.29	2.32	1.90	2.83	3.11	2.94	2.49	2.89	2.34	2.88	....	3.68

1971

5	3.67	4.14	4.01	3.93	4.97	4.62	4.01	3.73	3.78	3.55	3.68	3.96
10	3.67	3.48	3.85	4.15	5.01	4.67	4.18	3.80	3.32	3.34	3.80	4.07
15	3.83	3.51	3.98	4.30	4.45	4.38	4.30	3.86	3.26	3.30	3.86	4.17
20	3.92	3.65	3.95	4.44	4.12	4.62	4.50	3.90	3.45	3.36	3.95	4.15
25	3.92	3.75	4.10	4.50	4.32	4.77	4.17	3.97	3.61	3.50	4.09	4.22
Eom	4.05	3.94	4.20	4.86	4.38	4.20	4.31	4.00	3.81	3.60	4.05	4.43

1972

5	4.50	4.10	4.43	5.02	5.70	5.87	5.34	....	3.77	3.97	4.54	....
10	4.49	3.92	4.55	4.98	5.62	6.21	5.46	....	3.99	4.20	4.60	....
15	4.60	4.12	4.65	5.23	5.61	6.07	5.57	....	4.06	4.27	4.54	....
20	4.56	4.20	4.76	5.41	5.66	4.92	5.42	....	4.26	4.34	4.50	....
25	4.67	4.28	4.73	5.47	5.81	4.95	5.53	....	4.38	4.50	....	....
Eom	4.62	4.37	4.88	5.42	5.75	5.20	e5.60	3.64	4.45	4.54	e4.50	4.42

1973

5	4.57	3.96	4.16	4.08	5.09	5.45	4.72	3.85	3.28	3.42	3.86	4.52
10	4.63	4.01	4.27	4.16	4.80	5.48	4.67	3.88	3.10	3.42	4.06	4.40
15	4.29	4.05	4.27	4.33	4.93	5.70	4.47	3.80	3.20	3.58	4.13	4.49
20	4.43	4.08	4.30	4.62	5.08	5.60	4.39	3.61	3.28	3.64	4.28	4.40
25	4.00	4.10	4.18	4.85	5.35	5.31	4.52	3.45	3.21	3.79	4.28	4.42
Eom	3.99	4.14	4.09	4.73	5.34	5.34	4.22	3.48	4.23	3.95	4.45	4.49

e Estimated.

275949081582401. Local number 45. Claude Hardin. Drilled unused artesian well in Floridan aquifer, diam 18 to 12 in (46 to 30 cm), depth 643 ft (196 m), cased to 325 ft (99 m). Lsd 155.9 ft (47.5 m) above msl. MP top of 18-in (46 cm) casing, 0.50 ft (0.15 m) above lsd. Highest water level 58.75 ft (17.91 m) below lsd, Oct. 18, 1948; lowest 104.32 ft (31.80 m) below lsd, May 7, 1968. Records available: 1948-70. Measurement discontinued September 1970. Water levels affected by regional pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1969	81.40	June 20, 1969	87.36	Nov. 19, 1969	79.09	Apr. 20, 1970	83.64
Feb. 20	83.15	July 18	86.23	Dec. 19	80.88	May 20	96.80
Mar. 21	81.83	Aug. 20	81.02	Jan. 20, 1970	79.68	June 19	89.67
Apr. 18	83.75	Sept. 22	78.90	Feb. 20	80.86	July 20	85.05
May 20	87.68	Oct. 20	77.83	Mar. 19	81.11	Aug. 19	83.09

281051081362501. Local number 47. U.S. Geol. Survey. Davenport. Drilled observation water-table well in sand and gravel deposits of Pleistocene age, diam 6 in (15 cm), depth 67 ft (20 m), cased to 60 ft (18 m), gravel-packed 58-67 ft (18-20 m). Lsd 156.50 ft (47.70 m) above msl. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 40.45 ft (12.33 m) below lsd, Sept. 22, 1960; lowest 49.85 ft (15.19 m) below lsd, May 30, 1968. Records available: 1948-73.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	47.88	48.02	48.13	47.37	47.07	47.50	48.13	48.34	47.75	45.27	44.21	45.37
10	47.90	48.05	48.15	47.20	47.17	47.59	48.22	48.45	47.65	44.55	44.40	45.51
15	47.90	48.10	48.02	47.09	47.26	47.69	48.26	48.32	47.58	44.18	44.60	45.64
20	47.92	48.11	47.89	47.00	47.36	47.83	48.31	48.18	47.52	43.93	44.80	45.70
25	47.94	48.11	47.76	46.97	47.40	47.97	48.32	48.44	47.53	43.50	45.00	47.72
Eom	48.00	48.11	47.54	46.99	47.43	48.06	48.33	47.88	46.56	44.00	45.18	45.84

1970

5	45.92	45.81	45.92	45.73	46.04	46.83	47.38	47.01	46.82	46.60	47.02	47.49
10	45.92	45.78	45.95	45.72	46.13	46.92	47.45	46.88	46.83	46.66	47.09	47.57
15	45.86	45.82	45.97	45.70	46.25	47.00	47.47	46.82	46.70	46.75	47.15	47.65
20	45.86	45.85	45.90	45.76	46.40	47.11	47.36	46.76	46.55	46.78	47.22	47.74
25	45.89	45.85	45.86	45.86	46.54	47.22	47.26	46.71	46.62	46.85	47.32	47.80
Eom	45.93	45.88	45.79	45.96	46.72	47.31	47.12	46.75	46.60	46.93	47.40	47.89

1971

5	47.95	48.29	48.35	48.56	48.86	48.78	48.85	48.55	48.11	47.63	47.17	47.54
10	48.00	48.34	48.39	48.61	48.95	48.84	48.75	48.46	48.07	47.58	47.19	47.57
15	48.05	48.28	48.82	48.65	49.02	48.81	47.68	48.76	47.98	47.50	47.25	47.64
20	48.11	48.26	48.46	48.70	48.95	48.88	48.63	48.28	47.83	47.42	47.32	47.70
25	48.15	48.27	48.48	48.75	48.85	48.92	48.62	48.22	47.72	47.34	47.40	47.77
Eom	48.23	48.30	48.53	48.80	48.80	48.97	48.58	48.14	47.65	47.23	47.47	47.85

281051081362501--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	47.93	48.41	48.36	48.70	49.12	49.56	49.50	49.70	47.93	47.06	47.69	48.18
10	48.01	48.37	48.42	48.76	49.20	49.63	49.51	49.67	47.45	47.13	47.80	48.19
15	48.09	48.30	48.45	48.82	49.29	49.70	49.56	49.45	47.12	47.20	47.90	48.22
20	48.18	48.26	48.51	48.90	49.35	49.76	49.60	49.25	46.93	47.32	48.00	48.27
25	48.26	48.26	48.57	48.95	49.43	49.62	49.61	48.99	46.90	47.42	48.10	48.31
Eom	48.35	48.27	48.63	49.05	49.51	49.53	49.65	48.42	46.93	47.56	48.15	48.31

1973												
5	48.32	48.15	47.75	47.70	48.00	48.45	48.93	48.30	46.85	46.07	46.95	47.52
10	48.35	48.05	47.74	47.68	48.06	48.53	48.84	48.13	46.61	46.22	46.91	47.65
15	48.40	47.98	47.73	47.69	48.14	48.64	48.73	47.92	46.38	46.33	47.04	47.76
20	48.35	47.90	47.72	47.75	48.20	48.74	48.61	47.69	46.18	46.44	47.15	47.85
25	48.35	47.84	47.73	47.82	48.26	48.82	48.50	47.45	46.09	46.55	47.28	47.95
Eom	48.23	47.78	47.73	47.93	48.37	48.89	48.40	47.13	46.06	46.71	47.41	48.04

274225081315201. Local number 48. U.S. Geol. Survey. South of Frostproof. Drilled observation water-table well in sand of Pleistocene age, diam 6 in (15 cm), depth 62 ft (19 m), cased to 59 ft (18 m), gravel-packed 52-62 ft (16-19 m). Lsd 144.31 ft (43.99 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 38.08 ft (11.61 m) below lsd, Oct. 7, 1948; lowest 47.80 ft (14.57 m) below lsd, June 4, 1956. Records available: 1949-73.

Highest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	45.01	45.23	45.41	44.79	44.57	44.69	45.14	45.90	44.76	44.83	44.65	44.84
10	45.01	45.30	45.36	44.76	44.60	44.76	45.30	45.75	44.87	44.67	44.73	44.88
15	45.07	45.32	45.14	44.76	44.75	44.69	45.41	45.43	44.97	44.67	44.76	44.75
20	45.13	45.29	44.83	44.70	44.75	44.74	45.55	45.04	45.06	44.67	44.65	44.74
25	45.18	45.32	44.77	44.57	44.68	44.78	45.66	44.80	44.96	44.62	44.69	44.74
Eom	45.21	45.39	44.79	44.53	44.60	45.03	45.80	44.75	44.94	44.62	44.75	44.75

1970												
5	44.76	44.78	45.15	44.83	44.65	44.58	44.44	44.43	44.70	44.87	....	45.70
10	44.78	44.80	45.19	44.81	44.64	44.57	44.39	44.52	44.75	44.92	45.33	45.77
15	44.73	44.90	45.21	44.80	44.67	44.72	44.40	44.62	44.81	45.02	45.40	45.83
20	44.67	44.95	45.23	44.77	44.75	44.81	44.42	44.70	44.87	45.28	45.50	45.90
25	44.68	45.03	45.22	44.75	44.75	44.70	44.38	44.63	44.90	45.10	45.58	45.95
Eom	44.73	45.07	44.92	44.70	44.65	44.52	44.37	44.65	44.83	....	45.63	46.00

1971												
5	46.07	46.21	46.07	46.38	46.42	45.73	46.50	47.15	47.13	46.96	46.42	46.85
10	46.10	46.08	.....	.....	46.47	45.80	46.60	47.22	47.13	46.87	46.47	46.90
15	46.11	45.92	.....	46.33	46.59	45.85	46.73	47.29	46.98	46.65	46.53	46.98
20	46.15	45.95	.....	46.33	46.59	46.06	46.86	47.32	46.87	46.57	46.60	47.05
25	46.19	46.02	.....	46.35	46.67	46.25	46.98	47.33	46.85	46.50	46.69	47.11
Eom	46.07	46.03	.....	46.38	45.90	46.42	47.11	47.15	46.91	46.42	46.77	47.18

1972												
5	47.27	47.26	47.09	47.24	47.15	46.44	46.21	45.94	45.25	45.61	46.20	46.50
10	47.34	47.13	47.15	47.27	47.00	46.47	46.12	45.78	45.25	45.70	46.30	46.56
15	47.40	47.05	47.18	47.30	46.75	46.50	46.09	45.62	45.30	45.80	46.39	46.65
20	47.47	47.02	47.19	47.31	46.57	46.37	46.01	45.55	45.38	45.90	46.49	46.70
25	47.52	47.02	47.21	47.23	46.59	46.21	45.97	45.51	45.44	45.97	46.57	46.65
Eom	47.59	47.05	47.31	47.17	46.48	46.20	45.93	45.41	45.51	46.08	46.56	46.68

1973												
5	46.75	46.52	46.66	46.27	44.55	44.93	45.15	44.97	44.64	43.92	44.39	44.86
10	46.81	46.51	46.70	45.68	44.56	44.97	45.15	44.97	44.51	43.96	44.47	44.95
15	46.78	46.55	46.73	45.02	44.51	45.09	45.10	45.00	44.40	44.01	44.56	45.03
20	46.79	46.57	46.78	44.67	44.60	45.13	44.98	44.99	44.27	44.12	44.65	45.11
25	46.74	46.59	46.84	44.53	44.65	45.07	44.96	44.94	44.15	44.25	44.70	45.17
Eom	46.55	46.61	46.54	44.52	44.82	45.12	45.01	44.95	43.93	44.36	44.78	45.26

274812081190301. Local number 49. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel deposits of Pleistocene age, diam 6 in (15 cm), depth 17 ft (5 m), cased to 14 ft (4 m), gravel-packed 14-17 ft (4-5 m). Lsd 104.93 ft (31.98 m) above msl. MP top of recorder base, 3.20 ft (0.98 m) above lsd. Highest water level 0.31 ft (0.09 m) above lsd, Nov. 25, 1953; lowest 6.17 ft (1.88 m) below lsd, June 8, 1962. Records available: 1949-73.

Highest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	1.23	2.58	2.56	1.48	2.48	3.49	3.00	2.15	1.54	0.43	0.91	1.45
10	1.49	2.41	1.00	1.81	2.79	3.52	3.52	1.69	.53	1.00	1.14	.22
15	1.90	2.17	1.28	2.02	2.79	2.62	2.85	1.15	.68	1.30	.48	.96
20	1.86	2.38	1.00	1.50	2.39	2.44	1.11	1.25	.97	.70	.98	1.10
25	2.15	2.69	.81	1.90	2.89	2.88	1.57	1.61	.62	.55	1.14	1.11
Eom	2.38	2.78	1.48	2.28	3.28	3.30	1.93	2.17	.38	.20	1.09	1.25

1970												
5	0.96	1.19	1.53	2.12	3.09	1.84	2.02	1.93	1.74	2.00	2.60	3.20
10	1.04	1.41	1.40	2.42	3.19	1.77	1.25	1.70	1.38	2.13	2.45	3.30
15	.63	1.68	1.32	....	3.40	2.32	1.48	1.59	1.89	2.47	2.52	3.44
20	1.15	1.67	1.46	....	3.59	2.52	.70	1.92	2.14	2.70	2.75	3.50
25	1.28	1.89	1.60	....	2.79	2.86	1.25	.94	1.27	2.69	2.92	3.62
Eom	1.30	1.70	1.90	3.00	1.54	2.75	1.52	1.30	1.36	2.81	3.06	3.60

1971												
5	3.65	4.24	2.89	3.43	4.48	5.13	1.40	1.62	2.03	2.92	1.87	2.32
10	3.79	1.74	3.11	3.67	4.62	3.64	.82	1.70	1.68	.47	1.76	2.68
15	3.89	2.20	3.21	3.88	4.72	2.39	.92	.95	1.33	.82	2.20	2.89
20	3.97	2.55	3.28	4.03	4.82	2.92	.87	1.67	2.04	1.20	2.40	3.05
25	4.06	2.46	3.47	4.17	4.92	1.72	.77	1.75	2.42	1.39	2.59	3.13
Eom	4.16	2.60	3.61	4.32	5.04	2.22	1.26	1.60	2.67	1.71	2.70	3.30

274812081190301--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.42	1.83	1.72	2.53	3.49	2.87	1.78	2.42	1.20	0.83	2.37	1.15
10	3.52	1.13	2.27	2.30	3.28	3.21	1.97	1.28	1.64	1.29	2.57	1.61
15	3.55	1.63	2.53	2.83	2.30	3.15	2.07	.71	1.87	1.48	2.57	1.77
20	3.68	1.76	2.71	3.18	1.44	.69	1.42	1.62	2.13	1.77	2.47	1.70
25	3.46	2.09	2.91	3.12	2.05	.84	1.19	1.20	2.42	2.00	2.45	1.08
Eom	2.94	2.14	2.07	3.25	2.52	1.42	2.00	.47	2.52	2.16	1.01	1.52
1973												
5	1.73	1.07	1.93	0.27	2.02	2.25	1.92	1.20	1.25	1.09	1.30	2.67
10	1.96	.64	1.19	.73	.62	2.22	1.18	.86	.65	1.60	1.71	2.39
15	1.22	.85	1.76	1.12	1.43	2.58	.22	1.36	1.15	1.96	2.00	2.18
20	1.45	1.15	1.97	1.57	1.84	2.62	1.02	1.77	.94	1.50	2.16	2.12
25	.82	1.59	1.70	1.85	1.88	1.30	1.15	1.18	.75	1.80	2.32	2.03
Eom	.93	1.71	1.36	1.63	1.73	2.01	1.44	.82	.61	1.32	2.50	2.38

2744400811314801. Local number 51. Mrs. Flora P. Coley. 48 First St., Frostproof. Drilled unused artesian well in Hawthorn aquifer, diam 6 in (15 cm), depth 319 ft (97 m), cased to 208 ft (63 m). Lsd 97.5 ft (29.7 m) above msl. MP top of casing, at lsd. Highest water level 3.68 ft (1.12 m) below lsd, Oct. 25, 1953; lowest 26.68 ft (8.13 m) below lsd, May 10, 1968. Records available: 1949-73. Water levels affected by pumping of nearby wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1969	11.69	May 7, 1970	24.85	Aug. 30, 1971	11.86	November 1972	16.12
Mar. 14	13.36	July 2	13.87	Nov. 1	10.85	Jan. 5, 1973	16.88
May 8	19.77	Sept. 3	10.48	Jan. 4, 1972	16.56	Mar. 7	14.22
June 30	13.85	Oct. 30	11.03	Mar. 1	13.40	May 5	15.05
Sept. 8	9.30	Jan. 8, 1971	15.55	May 3	17.52	July 6	15.94
Nov. 6	8.33	Mar. 3	16.36	July	19.36	Aug. 29	10.70
Jan. 13, 1970	10.84	Apr. 29	25.98	September	15.26	Nov. 8	13.17
Mar. 5	10.98						

275326081585801. Local number 753-158-311. International Mineral and Chemical Co. Mulberry. Drilled unused artesian well in Floridan aquifer, diam 10 in (25 cm), depth 710 ft (216 m), cased to 237 ft (72 m). Lsd 100.9 ft (30.8 m) above msl. MP top of coupling, 0.70 ft (0.21 m) above lsd. Highest water level 12.65 ft (3.86 m) below lsd, Oct. 23, 1959; lowest 64.97 ft (19.80 m) below lsd, May 4, 1968. Records available: 1955-73. Water levels affected by regional pumping. Recording gage installed March 1961.

Feb. 8, 1955	21.00	Oct. 23, 1956	18.97	Feb. 13, 1958	16.71	Apr. 9, 1959	16.38
Mar. 8	20.84	Dec. 3	20.81	Mar. 26	15.65	May 20	15.85
Apr. 5	22.73	Jan. 25, 1957	23.10	May 7	15.88	May 7	17.66
June 3	25.10	Mar. 8	20.25	June 24	19.26	June 3	17.05
Aug. 30	13.36	Apr. 25	18.83	Aug. 4	16.71	July 17	13.43
Oct. 21	17.61	June 4	16.54	Sept. 9	16.40	Sept. 10	13.59
Dec. 9	22.45	July 16	17.13	Oct. 24	18.34	Oct. 23	12.65
Jan. 12, 1956	23.60	Aug. 27	14.61	Dec. 12	18.84	Dec. 4	14.28
Mar. 16	28.80	Oct. 9	12.73	Jan. 7, 1959	18.21	21	14.35
May 2	28.60	Nov. 19	16.71	20	18.67	Feb. 5, 1960	16.14
July 12	23.37	Jan. 3, 1958	16.93	Mar. 4	18.91	Feb. 15, 1961	22.45
Aug. 31	21.85						

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	24.22	.....	29.35	26.49	26.75	22.93	26.14	29.50	32.73
10	.....	.....	.....	24.42	.....	28.97	30.69	25.89	26.97	23.83	27.21	30.51
15	.....	.....	.....	.....	28.15	29.75	26.03	26.60	24.40	27.75	31.26	34.71
20	.....	.....	.....	.....	28.88	28.89	25.96	25.54	24.25	28.00	32.20	34.64
25	.....	.....	.....	.....	29.87	28.50	25.72	25.63	23.75	28.09	32.39	32.11
Eom	.....	.....	24.53	.....	29.85	28.54	25.40	24.50	25.28	28.74	32.65	32.62

1962

5	32.21	31.49	35.11	34.62	37.40	35.82	30.63	29.13	26.56	25.51	28.44	28.82
10	32.33	31.89	36.50	33.74	37.04	35.19	30.51	29.01	26.40	25.66	28.81	29.02
15	31.90	32.32	37.29	33.32	37.07	34.70	30.18	28.94	25.97	26.08	27.95	29.86
20	31.44	32.78	36.43	33.81	37.86	33.60	30.02	28.10	25.50	27.16	28.30	30.23
25	31.63	33.70	35.20	34.42	38.29	31.97	29.78	27.90	25.27	27.75	27.86	28.90
Eom	31.53	34.21	34.68	36.10	37.06	31.88	29.53	27.80	25.45	28.04	28.50	30.01

1963

5	29.91	30.89	28.12	29.34	36.30	32.26	28.81	27.50	26.31	26.62	30.21	28.98
10	30.11	30.82	27.95	30.50	35.90	31.47	28.25	27.38	26.39	27.10	30.02	28.78
15	30.88	30.07	27.92	31.31	35.81	31.19	28.00	27.18	27.44	27.41	29.80	28.82
20	30.50	29.25	27.81	33.45	35.75	30.74	27.80	26.72	27.69	28.15	29.60	28.68
25	30.85	28.90	28.10	35.10	35.11	30.45	27.51	26.62	26.65	28.80	29.12	29.69
Eom	31.12	28.52	28.92	36.74	33.25	29.78	27.80	26.73	26.38	29.34	28.66	27.26

1964

5	27.19	25.52	25.02	25.04	29.57	33.13	32.52	30.69	28.55	28.51	33.40	36.26
10	27.16	25.39	25.09	25.41	29.10	33.23	32.31	30.72	27.74	29.18	34.64	35.13
15	27.49	25.30	25.31	26.00	29.27	33.44	32.86	31.03	27.45	28.90	36.34	35.09
20	26.73	25.01	25.57	28.05	30.07	33.86	32.83	29.73	27.14	29.72	37.60	34.87
25	26.32	25.12	26.10	31.09	30.60	34.35	32.26	29.15	27.76	30.60	38.30	33.45
Eom	26.38	25.43	25.18	30.66	31.69	34.41	31.24	28.77	28.07	32.12	37.12	34.09

1965

5	34.45	35.84	33.85	35.54	40.90	47.58	e37.2	33.44	30.28	31.37	31.92	37.17
10	34.73	35.40	33.92	37.27	41.82	46.71	36.75	33.18	30.11	31.23	32.32	37.59
15	34.83	35.37	33.53	39.10	43.67	43.84	36.08	32.05	30.46	31.65	33.28	38.24
20	35.26	35.34	33.64	40.96	45.12	41.57	35.71	30.64	30.44	32.05	34.21	38.10
25	35.26	34.75	34.00	41.35	46.23	39.66	35.30	30.21	31.04	32.29	34.82	36.78
Eom	35.70	34.53	34.36	40.80	47.15	38.58	34.38	30.63	31.19	32.19	36.43	37.20

275326081585801--Continued.

1966												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	37.22	35.45	34.20	39.11	45.89	44.06	39.55	37.14	36.80	37.82	.....	47.81
10	37.09	34.89	34.59	38.98	45.26	42.67	39.31	36.86	37.33	38.32	.....	48.23
15	36.67	35.07	35.33	39.61	44.21	42.07	38.68	36.70	36.81	38.29	.....	47.50
20	37.05	34.76	35.58	41.00	45.20	40.74	38.82	36.44	36.98	39.72	.....	47.03
25	36.80	34.25	36.89	42.36	45.29	39.90	38.34	36.64	37.12	40.77	.....	46.81
Eom	36.11	34.24	39.03	44.13	44.45	39.69	37.73	36.70	37.40	42.60	h46.78	46.68
1967												
5	46.64	48.98	47.00	53.41	60.80	60.33	.....	47.20	42.68	42.41	46.27	53.79
10	46.89	48.48	46.94	e54.8	61.04	58.75	.....	45.90	42.22	42.80	47.22	55.17
15	47.10	48.04	47.55	e56.0	61.38	.....	.....	44.35	42.01	43.18	47.52	53.19
20	46.92	47.91	48.79	e57.2	62.38	.....	.....	43.50	42.53	43.03	50.67	52.67
25	47.08	47.49	50.80	e58.5	61.22	.....	48.55	43.08	41.83	43.90	50.30	49.73
Eom	47.89	47.09	51.82	e59.8	61.02	.....	47.79	42.01	42.27	45.05	51.98	51.29
1968												
5	50.53	53.95	.....	58.08	63.97	54.09	e40.10	.....	.....	36.24	h36.30	.....
10	50.87	.....	.....	59.23	63.85	51.01	e37.8	.....	.....	36.55	35.68	.....
15	51.68	.....	.....	60.31	61.51	49.18	e35.6	.....	.....	.....	35.15	.....
20	52.58	.....	.....	61.80	60.20	46.94	.....	.....	35.04	.....	.....	.....
25	52.56	.....	.....	62.50	59.85	e44.63	.....	.....	35.05	.....	.....	.....
Eom	53.42	h54.23	56.87	63.76	56.80	e42.38	.....	.....	35.40	.....	.....	.....
1969												
5	.....	37.54	39.88	36.00	42.98	45.58	40.90	38.35	35.43	33.19	33.38	35.91
10	.....	38.60	39.70	37.38	44.21	43.50	39.53	38.45	35.10	31.65	e34.1	35.90
15	.....	38.95	38.53	37.30	44.48	43.24	41.13	38.39	34.67	31.80	35.01	36.25
20	35.10	39.17	37.37	39.01	44.49	42.99	41.26	36.48	34.52	32.60	34.72	36.39
25	36.43	38.66	36.87	40.80	43.50	41.60	41.11	36.28	34.25	33.19	34.64	34.00
Eom	38.01	39.72	35.65	41.01	44.20	42.26	41.00	35.89	33.05	32.90	33.44	35.05
1970												
5	33.74	35.21	38.04	36.50	46.08	50.23	.....	.....	37.58	35.79	39.86	42.38
10	34.86	35.60	37.85	37.03	49.51	47.80	42.20	38.91	36.49	36.88	39.67	43.31
15	35.50	35.90	36.46	36.97	52.19	46.45	41.41	39.10	36.58	37.17	40.32	44.12
20	34.68	36.98	37.08	38.48	52.27	44.76	41.08	38.99	36.18	37.79	40.76	44.68
25	35.25	37.28	36.97	41.90	54.39	43.89	40.49	38.51	36.79	37.91	40.68	42.98
Eom	35.88	37.26	35.52	44.09	51.41	42.83	.....	37.50	36.12	39.10	40.28	44.28
1971												
5	43.20	48.82	46.18	49.02	56.80	55.42	49.96	46.28	41.97	42.58	42.15	41.30
10	43.62	48.00	45.84	50.25	58.11	54.00	50.32	44.96	41.20	42.27	41.76	41.10
15	44.69	46.27	45.90	e52.3	59.17	53.26	50.47	45.38	39.50	42.10	41.43	41.25
20	44.50	46.28	46.61	e52.9	55.70	52.30	49.25	44.79	39.91	41.49	41.58	41.49
25	45.93	46.28	47.85	54.51	54.01	52.67	48.50	44.87	41.18	42.21	41.88	40.09
Eom	47.47	45.28	48.66	55.30	54.11	52.53	46.99	42.40	41.75	42.06	41.22	41.82
1972												
5	42.09	43.82	41.12	45.40	.....	52.43	48.32	47.08	44.08	48.41	52.29	46.82
10	43.58	42.18	41.42	44.22	51.70	54.09	47.84	47.35	44.55	47.40	53.00	46.61
15	44.56	41.35	41.50	46.45	50.59	53.75	47.59	46.59	44.67	48.64	52.29	46.39
20	45.50	.....	43.21	.....	50.83	51.30	46.37	45.56	44.93	49.85	51.51	46.90
25	45.58	40.40	44.62	.....	51.05	49.53	46.63	45.17	47.32	50.43	49.22	44.46
Eom	45.64	40.50	45.16	.....	51.78	49.00	47.31	44.40	47.68	51.62	47.55	43.97
1973												
5	42.64	38.11	38.67	38.02	42.70	51.20	49.90	43.06	39.40	39.21	47.40	51.78
10	e42.5	37.13	38.91	37.55	.....	.....	48.37	42.80	38.39	39.63	47.62	52.19
15	41.48	37.80	39.20	37.58	45.31	.....	47.42	42.15	37.69	e41.0	47.88	51.12
20	40.78	38.22	39.34	37.88	46.47	52.29	46.99	41.72	37.30	42.60	48.89	51.42
25	39.80	37.99	40.40	39.88	48.40	50.48	45.76	40.72	38.30	.....	49.37	49.63
Eom	38.68	37.91	38.77	41.58	51.21	50.30	44.42	39.88	38.61	46.54	49.63	50.69

e Estimated.

h Tape measurement.

## Putnam County

292530081384001. Local number 28. Donald Swisher. Fruitland. Drilled domestic artesian well in Floridan aquifer, diam 6 in (15 cm), depth 159 ft (48 m), casing information not available. Lsd 25.7 ft (7.8 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 4.9 ft (1.5 m) below lsd, September 1943; lowest 10.36 ft (3.16 m) below lsd, May 1, 1968. Records available: 1936-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1969	6.83	May 23, 1970	7.02	June 29, 1971	8.85	Sept. 1, 1972	7.20
Mar. 5	7.20	July 16	7.40	Sept. 9	8.39	Nov. 1	6.69
May 6	7.85	Sept. 4	7.76	Nov. 3	7.00	Jan. 5, 1973	7.60
July 3	8.80	Nov. 3	7.53	Jan. 5, 1972	8.85	Mar. 7	8.52
Sept. 5	6.78	Jan. 6, 1971	8.25	Mar. 2	8.64	May 3	8.39
Nov. 4	5.79	Mar. 3	7.70	May 9	8.18	July 2	8.13
Jan. 13, 1970	6.50	May 4	8.80	July 5	8.08	Oct. 29	7.09
Mar. 3	5.70						

293910081385001. Local number 29. C. L. Conway. Palatka. Drilled public-supply artesian well in Floridan aquifer, diam 8 in (20 cm), reported depth 300 ft (91 m), casing information not available. Lsd 22.2 ft (6.8 m) above msl. MP chiseled cross on horizontal pipe, 2.00 ft (0.61 m) above lsd. Highest water level 12.1 ft (3.7 m) above lsd, Oct. 1, 1953; lowest 0.73 ft (0.22 m) below lsd, May 1, 1968. Records available: 1936-73.

293910081385001--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1969	+2.78	May 23, 1970	+3.52	Aug. 30, 1971	+3.33	Nov. 1, 1972	+3.10
Mar. 5	6.30	July 17	3.92	Nov. 3	3.55	Jan. 5, 1973	4.09
May 6	2.37	Sept. 4	4.44	Jan. 5, 1972	3.75	Mar. 7	4.06
June 30	2.70	Nov. 3	4.31	Mar. 3	3.84	May 3	1.85
Sept. 2	4.90	Jan. 4, 1971	3.30	May 3	2.75	July 2	3.25
Nov. 17	6.6	Mar. 3	3.86	July 5	3.10	Sept. 4	4.9
Jan. 7, 1970	6.5	May 4	.58	Sept. 1	4.10	Oct. 29	5.3
Mar. 3	6.2	June 29	1.83				

St. Johns County

300759081230701. Local number 5. G. L. Oesterreicher. Palm Valley. Drilled domestic artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 350 ft (107 m), cased to 180 ft (55 m). Lsd 4.53 ft (1.38 m) above msl. MP faucet at northwest corner of residence, 1.20 ft (0.37 m) above lsd. Highest water level 46.2 ft (14.1 m) above lsd, Nov. 9, 1948; lowest 30.5 ft (9.3 m) above lsd, May 20, 1971. Records available: 1934, 1940, 1944-73. May 13, 1969, +33.7; May 23, 1970, +32.6; May 20, 1971, +30.5; May 4, 1972, +30.7; May 3, 1973, +32.8.

300556081291001. Local number 8. Ponce de Leon Raceway, Inc. Drilled public-supply artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 336 ft (102 m), cased to 240 ft (73 m). Lsd 17.77 ft (5.42 m) above msl. MP top flange of 6-in (15 cm) valve, 0.50 ft (0.15 m) above lsd. Highest water level 37.0 ft (11.3 m) above lsd, Aug. 28, 1934; lowest 20.7 ft (6.3 m) above lsd, May 2, 1968. Records available: 1934, 1940-42, 1944, 1946-73. May 13, 1969, +21.6; May 23, 1970, +22.5; May 20, 1971, +22.5; May 4, 1972, +22.01; May 3, 1973, +24.0.

293729081221201. Local number 937-122-1. Florida State Road Dept. Drilled observation artesian well in Floridan aquifer, diam 6 in (15 cm), depth 622 ft (190 m), cased to 142 ft (43 m). Lsd 38.43 ft (11.71 m) above msl. MP top of coupling, 4.00 ft (1.22 m) above lsd. Highest water level 15.59 ft (4.75 m) below lsd, Sept. 11, 1960; lowest 25.28 ft (7.71 m) below lsd, May 3, 1968. Records available: 1958-73.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.51
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.41	17.62
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.57	17.64
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.52	17.68
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.59	17.74
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.62	17.54

## 1959

5	17.50	.....	.....	.....	.....	17.38	.....	17.16	17.27	16.78	16.62	16.46
10	17.50	.....	.....	17.18	.....	17.40	.....	17.16	17.20	16.76	16.62	16.82
15	17.23	.....	.....	17.20	.....	17.30	.....	17.32	16.90	16.68	16.44	16.80
20	.....	17.42	.....	16.95	.....	.....	.....	17.27	17.05	16.52	16.41	16.82
25	.....	17.68	.....	.....	.....	.....	.....	17.25	17.25	16.85	16.29	16.69
Eom	.....	17.52	.....	.....	.....	.....	.....	17.20	17.10	16.57	16.57	16.70

## 1960

5	16.71	17.12	17.34	16.57	17.65	18.60	17.67	17.00	16.44	15.82	15.93	16.74
10	16.72	17.09	17.07	16.91	17.56	18.02	17.54	16.85	16.14	15.80	16.01	16.72
15	16.60	17.54	17.01	17.66	17.82	18.00	17.41	16.71	16.40	15.70	16.05	16.60
20	17.03	17.80	16.91	18.03	18.09	18.04	17.35	16.58	16.20	15.69	16.20	16.89
25	17.54	17.31	16.86	18.22	18.11	17.96	17.18	16.61	15.81	15.70	16.32	17.27
Eom	17.41	17.45	16.72	17.76	18.70	17.82	17.00	16.62	15.76	15.65	16.39	16.92

## 1961

5	17.19	17.07	17.17	18.31	18.82	19.40	19.25	18.68	18.65	18.58	18.80	18.77
10	17.21	16.92	17.61	18.57	18.80	19.43	19.05	18.88	18.60	18.62	18.57	19.15
15	16.87	17.02	18.17	18.10	18.90	19.63	19.02	19.00	18.55	18.48	18.67	19.36
20	16.97	17.02	18.36	18.24	19.00	19.30	18.78	18.81	18.30	18.31	18.57	19.30
25	17.30	16.80	18.01	18.26	19.08	19.50	18.71	18.92	18.39	18.60	18.65	19.41
Eom	17.18	17.11	18.00	18.69	19.35	19.37	18.67	18.85	18.50	18.68	18.57	19.76

## 1962

5	19.86	19.50	20.45	20.70	21.60	21.54	20.66	20.06	19.36	18.52	18.73	18.63
10	19.86	19.60	21.22	20.54	21.60	21.46	20.56	19.82	19.21	18.62	18.95	19.18
15	19.65	19.84	21.01	20.13	21.68	21.27	20.54	19.80	19.09	18.76	19.07	19.45
20	19.55	20.35	.....	21.46	21.49	21.15	20.52	19.81	18.96	18.43	19.01	19.60
25	19.58	20.97	.....	21.72	21.56	21.02	20.44	19.59	18.73	18.73	19.26	19.63
Eom	19.55	20.92	20.68	21.59	21.62	20.81	20.22	19.39	18.69	18.60	18.70	19.48

## 1963

5	19.30	18.98	18.95	21.12	21.58	21.37	20.70	20.18	19.93	19.65	19.23	19.07
10	19.22	19.07	19.00	20.53	21.58	21.21	20.54	20.10	19.94	19.43	19.11	19.16
15	19.48	19.32	18.95	20.82	21.75	21.16	20.47	20.16	20.13	19.47	19.34	19.32
20	19.14	19.06	18.91	21.57	21.84	21.16	20.40	20.15	19.74	19.21	19.32	19.32
25	19.57	19.17	20.08	22.01	21.73	21.14	20.34	20.07	19.51	18.90	19.15	19.63
Eom	19.49	19.17	20.75	22.08	21.51	20.96	20.21	19.97	19.45	19.25	19.09	18.85

## 1964

5	19.18	18.16	18.15	.....	19.11	19.30	19.82	19.13	18.32	17.34	17.18	17.32
10	18.93	18.56	18.10	.....	19.11	19.30	19.75	19.11	16.97	17.27	17.19	17.58
15	18.97	18.26	18.33	.....	19.10	19.45	19.85	19.03	17.99	16.93	17.45	17.51
20	18.58	18.31	18.12	.....	19.15	19.58	19.64	18.87	17.66	17.18	17.31	17.49
25	18.51	18.17	18.98	.....	19.15	19.81	19.43	18.82	17.48	17.37	17.24	17.26
Eom	18.62	18.32	.....	19.64	19.22	19.95	19.37	18.48	17.46	17.32	17.32	17.59

293729081221201--Continued.

1965												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.51	18.04	17.57	18.56	20.32	21.24	20.21	19.29	18.62	18.40	18.09	18.09
10	17.40	17.96	17.91	19.29	20.65	21.37	20.11	19.11	18.54	18.43	17.86	18.38
15	17.36	17.81	17.87	19.87	20.62	21.08	20.00	18.98	18.56	18.39	17.82	18.19
20	17.66	17.68	18.00	20.09	20.82	20.84	19.74	18.85	18.76	18.04	17.96	17.90
25	17.72	17.41	17.98	20.22	21.02	20.62	19.54	18.82	18.57	18.21	17.94	18.10
Eom	17.64	18.00	18.39	20.02	21.10	20.45	19.35	18.74	18.45	18.19	18.06	18.24
1966												
5	18.06	18.14	17.63	20.10	20.93	19.63	18.63	18.37	18.00	17.68	18.07	18.67
10	18.14	18.16	17.93	19.87	20.32	19.22	18.69	18.30	17.97	17.60	17.99	18.62
15	17.62	18.29	17.60	20.52	20.10	19.24	18.54	18.18	17.93	17.66	18.14	18.80
20	17.90	18.09	18.09	20.62	19.94	19.08	18.37	18.17	17.89	17.70	18.32	18.48
25	17.71	17.82	19.08	20.72	19.61	18.86	18.38	18.06	18.05	17.67	18.15	18.72
Eom	18.02	17.67	19.80	21.11	19.56	18.40	18.40	17.92	17.92	17.60	18.37	18.92
1967												
5	18.88	19.07	19.40	21.99	23.63	23.09	21.72	20.29	19.38	19.21	19.64	20.93
10	18.81	19.07	19.47	22.42	23.17	22.82	21.48	20.11	19.16	19.06	19.91	20.75
15	18.68	19.10	19.44	22.71	23.31	22.49	21.20	19.95	19.08	19.32	19.86	20.88
20	18.83	18.93	20.67	22.94	23.58	22.40	21.04	19.75	19.14	19.36	20.14	20.85
25	18.85	19.04	21.01	23.43	23.26	22.32	20.83	19.70	19.15	19.29	20.26	20.60
Eom	19.01	19.19	21.46	23.55	23.13	21.84	20.52	19.55	19.22	19.49	20.64	20.43
1968												
5	20.40	20.74	21.48	23.32	25.14	22.47	20.97	20.32	20.08	19.86	19.11	19.25
10	20.29	20.82	21.89	23.54	25.02	22.40	20.75	20.26	19.96	19.70	18.86	19.61
15	20.17	21.39	21.66	23.82	24.46	22.16	20.76	20.24	19.93	19.50	19.15	19.52
20	20.51	21.49	21.29	24.44	23.97	21.64	20.47	20.26	19.83	19.24	19.08	19.68
25	20.37	21.22	21.90	24.82	23.68	21.33	20.37	20.26	19.64	19.11	19.07	19.91
Eom	20.76	20.91	23.00	25.17	23.13	21.31	20.39	19.80	19.78	19.35	19.27	19.90
1969												
5	19.74	19.88	19.45	19.93	21.97	20.87	21.23	21.00	20.04	19.12	18.52	18.45
10	19.68	19.89	19.50	21.06	22.10	20.83	21.27	20.88	19.86	19.03	18.40	18.05
15	19.73	19.43	19.87	21.58	22.05	20.78	21.32	20.68	19.75	18.82	18.45	18.46
20	19.53	19.65	19.57	21.51	21.42	20.86	21.37	20.54	19.66	19.00	18.59	18.43
25	19.60	19.46	19.18	21.56	21.17	20.92	21.36	20.23	19.31	18.87	18.66	18.14
Eom	19.72	19.45	19.59	22.18	20.95	21.14	21.22	20.10	18.96	18.31	18.43	18.27
1970												
5	18.33	18.48	17.95	18.25	21.67	21.70	21.03	20.37	20.05	20.07	19.94	20.96
10	18.44	18.10	17.89	18.34	21.96	21.39	21.02	20.27	20.02	19.98	20.07	21.07
15	18.13	18.14	18.16	18.19	22.40	21.29	20.96	20.40	20.02	20.06	20.10	21.46
20	18.16	18.13	18.29	19.12	22.37	21.16	20.76	20.20	20.07	20.16	20.28	21.60
25	18.22	17.88	18.68	20.54	22.13	21.22	20.69	20.15	20.15	19.93	20.59	21.41
Eom	18.42	18.23	18.73	21.28	21.88	21.23	20.43	20.16	19.95	19.83	20.73	21.27
1971												
5	21.30	21.72	21.34	21.72	24.04	23.52	22.53	21.49	21.17	21.05	20.47	20.51
10	21.20	21.62	22.00	21.96	24.63	23.47	22.43	21.30	20.88	21.01	20.39	20.50
15	21.16	21.79	22.03	22.31	24.20	23.18	22.08	21.20	20.87	21.06	20.73	20.53
20	21.18	21.62	21.87	23.36	23.83	23.10	22.06	21.37	20.99	20.65	20.55	20.43
25	21.36	21.40	22.77	23.80	23.72	22.98	21.82	21.23	21.00	20.54	20.78	20.39
Eom	21.59	21.14	22.02	24.16	23.44	22.78	21.66	21.24	20.78	20.44	20.74	20.37
1972												
5	20.26	20.63	20.18	21.53	22.13	21.28	21.04	20.69	20.40	20.58	21.10	20.67
10	20.27	20.36	20.47	21.51	21.90	21.17	20.81	20.86	20.40	20.76	20.92	20.65
15	20.45	20.24	20.74	22.24	21.69	21.27	20.87	20.84	20.39	20.76	20.81	20.41
20	20.48	20.29	21.39	23.04	21.48	20.83	20.78	20.79	20.53	20.90	20.80	20.49
25	20.46	20.14	21.87	22.76	21.38	20.99	20.71	20.84	20.65	20.90	20.53	20.42
Eom	20.49	20.08	21.63	22.35	21.21	21.02	20.84	20.54	20.70	21.08	20.64	20.28
1973												
5	20.31	20.22	19.86	19.96	22.33	21.90	21.23	20.86	20.14	19.72	19.62	20.47
10	20.15	19.57	20.04	20.12	22.37	21.74	21.14	20.55	20.05	19.60	19.67	20.51
15	20.25	19.65	20.03	20.42	22.16	21.65	21.15	20.58	20.00	19.59	19.73	20.38
20	20.16	19.80	20.17	21.19	22.14	21.60	21.03	20.42	19.96	19.53	19.95	20.29
25	20.20	19.86	20.38	21.87	22.15	21.33	21.00	20.35	19.79	19.32	20.02	20.63
Eom	20.26	19.84	20.12	22.16	22.04	21.20	20.86	20.29	19.81	19.34	20.49	20.58

## St. Lucie County

271538080371401. Local number St.L.41. U.S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diam 6 in (15 cm), depth 17 ft (5 m), cased to 13 ft (4 m), gravel-packed 12-17 ft (4-5 m). Lsd 28.71 ft (8.75 m) above msl. MP top of casing, 2.70 ft (0.82 m) above lsd. Highest water level 29.17 ft (8.89 m) above msl, July 5, 1968; lowest 23.66 ft (7.21 m) above msl, May 14, 1971. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+25.11	+25.43	+25.18	+26.92	+25.56	+25.89	+26.80	+27.54	+26.51	+27.24	+27.12	+26.82
10	.....	25.25	26.86	26.15	25.43	25.98	26.52	27.88	27.57	26.84	26.81	27.37
15	.....	25.42	26.72	25.86	25.80	26.94	25.92	27.66	27.39	26.60	27.40	26.98
20	.....	25.73	27.08	25.61	26.19	26.70	25.77	27.50	27.14	27.25	26.90	26.72
25	26.08	25.47	26.71	25.35	26.41	26.25	25.96	26.84	27.19	27.33	26.72	26.81
Eom	25.66	25.36	26.51	25.15	25.77	25.85	26.84	26.54	27.11	28.06	27.31	26.60



271538080371401--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+27.18	+27.10	+26.28	+26.86	+25.16	+27.11	+26.36	+25.69	.....	.....	+26.48	.....
10	27.05	26.80	26.70	26.59	24.97	26.85	25.86	.....	.....	.....	26.13	.....
15	27.44	26.61	26.91	26.31	24.73	26.94	26.46	.....	.....	.....	25.93	.....
20	27.09	26.51	26.62	25.96	24.52	26.46	26.67	.....	.....	+26.82	.....	.....
25	26.77	26.54	27.64	25.72	25.40	26.08	26.56	.....	.....	26.65	.....	.....
Eom	26.62	26.56	27.39	25.40	26.95	26.28	26.14	.....	.....	26.83	.....	.....
1971												
5	+24.81	+24.39	+24.46	+24.10	+23.72	+24.50	+26.66	+25.19	+26.79	+26.25	+27.44	+26.27
10	24.76	24.51	24.39	24.08	23.68	25.08	26.51	24.99	26.80	27.17	27.12	25.96
15	24.66	24.61	24.33	24.00	24.21	26.96	26.31	25.20	26.33	26.99	26.79	25.72
20	24.62	24.54	24.22	23.94	24.96	26.47	25.80	26.47	26.73	27.09	26.62	25.53
25	24.52	24.45	24.19	23.90	24.86	26.60	25.62	26.55	26.51	27.23	26.46	26.34
Eom	24.45	24.54	24.14	23.80	24.63	26.34	25.40	26.77	26.37	26.91	26.33	26.02
1972												
5	+25.70	+24.92	+24.72	+26.42	+24.71	+26.90	+26.15	+25.32	+26.50	+24.79	+24.06	+24.40
10	25.46	24.86	24.57	26.02	24.94	26.94	26.70	26.58	26.03	24.59	24.03	24.35
15	25.24	24.88	24.48	25.71	25.91	27.32	26.59	27.32	25.70	24.47	23.94	24.21
20	25.11	24.78	24.38	25.35	26.65	27.49	26.60	27.05	25.43	24.36	23.94	24.10
25	24.96	24.70	24.28	25.10	26.09	26.96	26.08	26.74	25.15	24.22	24.22	24.33
Eom	24.89	24.64	26.09	24.89	26.28	26.71	25.66	26.82	24.99	24.13	24.32	24.32
1973												
5	+24.23	+25.03	+24.98	+25.03	+24.35	+26.41	+26.95	+26.74	+27.04	+e26.79	+e26.57	+25.38
10	24.16	25.27	24.96	25.32	25.11	26.99	27.38	27.33	27.51	e26.95	e26.37	25.21
15	24.45	25.52	24.71	25.08	25.45	26.67	27.52	27.06	27.54	e26.78	e26.17	25.06
20	24.39	25.45	24.53	24.82	25.57	26.94	27.11	26.75	27.24	e27.62	e25.97	25.14
25	24.67	25.23	24.40	24.61	25.64	26.89	26.98	27.12	27.43	e27.20	e25.77	25.15
Eom	24.94	25.16	25.19	24.46	26.57	26.59	26.91	27.14	26.98	e26.77	25.54	25.00

e Estimated.

272655080401601. Local number St.L.42. U.S. Geol. Survey. Jetted observation water-table well in sand of Pleistocene age, diam 6 in (15 cm), depth 18 ft (5 m), cased to 13 ft (4 m), gravel-packed 12-18 ft (4-5 m). Lsd 27.79 ft (8.47 m) above msl. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 30.19 ft (9.20 m) above msl, Oct. 16, 1956; lowest 23.61 ft (7.20 m) above msl, May 13, 1961. Records available: 1950-73.

Highest water level for the day, above msl, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+24.95	+24.63	+24.72	+25.18	+25.10	+25.33	+25.64	+25.92	+25.80	+26.28	+26.58	+25.60
10	24.90	24.62	26.68	24.95	24.84	25.09	25.23	25.79	26.58	26.25	27.70	26.60
15	24.77	25.03	25.95	24.87	25.17	26.23	24.97	27.86	25.93	25.60	27.56	26.00
20	24.87	24.84	26.15	24.82	e27.20	e26.82	25.05	27.31	25.69	26.10	27.76	25.55
25	24.78	24.73	25.63	24.70	27.03	26.58	24.85	26.45	26.05	26.62	25.98	25.37
Eom	24.70	24.66	25.42	24.62	26.06	25.97	25.75	26.58	26.21	e26.76	26.30	25.15
1970												
5	+25.85	+25.93	+24.95	+26.21	+24.52	+25.66	+25.33	+24.75	+25.23	+25.86	+25.41	.....
10	26.50	25.55	25.18	25.40	24.43	25.13	25.21	25.86	25.09	26.08	25.15	.....
15	26.84	25.24	25.52	25.01	24.37	25.19	25.29	25.61	25.64	25.49	24.91	.....
20	26.52	25.10	25.19	24.77	24.31	24.93	25.23	25.19	25.28	25.42	.....	.....
25	25.93	25.12	26.07	24.66	24.99	24.99	25.48	25.78	25.08	25.36	.....	.....
Eom	25.40	25.10	27.19	24.57	25.12	25.12	25.04	25.22	26.68	25.81	.....	.....
1971												
5	+24.60	e+24.44	+24.55	+24.55	+24.29	e+24.62	+25.63	+26.33	+25.77	+25.10	+25.59	+24.95
10	24.60	e24.50	24.74	e24.45	e24.24	e24.77	26.08	25.81	26.55	26.56	25.38	24.93
15	24.58	e25.10	24.68	e24.47	e24.25	e25.62	25.55	25.85	e26.63	e26.54	25.27	24.82
20	24.52	e25.73	e24.62	e24.47	e24.69	25.57	25.19	25.60	e26.20	e27.00	25.10	24.73
25	24.48	25.39	e24.59	e24.40	24.67	26.47	25.65	25.83	e25.67	e26.81	24.91	25.12
Eom	24.45	25.10	24.50	24.34	e24.75	26.47	25.69	25.89	25.40	26.20	24.88	24.89
1972												
5	+24.77	+24.96	+25.32	+25.22	+24.55	e+25.75	e+24.99	+24.89	+27.05	+25.10	+24.55	+24.95
10	24.79	e25.11	25.13	e24.00	24.88	25.79	e25.03	24.95	26.66	24.94	24.50	24.92
15	24.79	e25.20	24.99	e24.86	25.09	e26.20	e25.20	25.03	e26.10	24.78	24.54	24.93
20	24.77	e25.22	24.85	e24.75	25.34	e26.40	e25.33	25.05	e25.50	24.99	24.84	24.93
25	24.80	e25.35	24.69	e24.64	25.10	e26.15	e25.15	26.98	e25.25	24.78	24.91	24.94
Eom	24.88	e25.35	25.89	24.58	25.10	e25.60	25.01	27.19	25.02	24.60	24.96	24.85
1973												
5	+24.79	+25.30	+24.99	+25.35	+24.52	+25.02	+25.43	+25.95	+25.83	+26.05	+26.51	+25.07
10	24.68	25.42	26.81	25.44	24.83	25.58	26.84	25.75	26.05	26.03	25.86	25.00
15	25.27	25.39	25.60	25.13	24.97	25.39	26.33	25.46	25.60	25.65	25.61	24.97
20	25.15	25.24	25.32	24.99	24.85	26.55	25.82	25.97	26.00	25.31	25.53	25.10
25	25.15	25.12	25.13	24.76	25.32	27.11	25.75	26.38	26.63	26.55	25.26	25.11
Eom	25.55	25.07	25.47	24.61	25.17	25.81	26.37	25.85	26.78	25.92	25.07	25.07

e Estimated.

Santa Rosa County

302135087094501. Local number 102. U.S. Geol. Survey. Gulf Breeze. Drilled observation water-table well in sand of Pleistocene age, diam 6 in (15 cm), depth 41 ft (12 m), screened 31-41 ft (9-12 m). Lsd 11.56 ft (3.52 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 1.95 ft (0.59 m) below lsd, Oct. 31, 1959; lowest 10.58 ft (3.22 m) below lsd, Jan. 17, 1955. Records available: 1950-73. May 6, 1969, 8.70; May 5, 1970, 7.41; May 6, 1971, 8.77; Jan. 3, 1972, 8.22; May 4, 8.28; Jan 12, 1973, 7.89; May 10, 5.55.

Sarasota County

271938082251801. Local number 9. Palmer Corp. Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 730 ft (223 m), cased to 101 ft (31 m). Lsd 33.56 ft (10.23 m) above msl. MP top of casing, 6.00 ft (1.83 m) above lsd. Highest water level 5.20 ft (1.58 m) above lsd, Mar. 7, 1931; lowest 23.02 ft (7.02 m) below lsd, May 11, 1971. Records available: 1930-37, 1941-73. Water levels affected by seasonal pumping of nearby wells.

Highest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	...	6.86	6.35	4.95	8.76	7.08	...	3.35	2.95	2.35	2.78	5.91
10	5.05	6.65	5.37	5.99	9.23	6.63	4.40	3.21	2.97	2.88	3.80	3.90
15	5.49	6.49	5.00	6.52	10.47	5.90	4.20	3.18	2.87	3.22	3.25	3.53
20	4.52	6.01	4.45	6.82	9.15	5.45	3.79	3.05	2.67	3.19	3.29	4.09
25	4.42	5.65	4.10	7.77	8.16	5.10	3.70	2.98	2.49	2.88	3.92	3.14
Eom	5.82	6.20	4.16	9.05	7.15	4.63	3.50	3.01	2.40	2.60	4.77	3.01
1970												
5	3.22	5.00	5.27	4.40	14.69	9.63	...	6.09	...	4.10	4.72	....
10	3.78	5.02	4.83	5.60	16.32	8.79	5.81	6.02	3.96	3.76	5.90	....
15	5.25	5.48	4.48	6.68	18.17	7.89	5.70	5.35	3.82	4.88	5.52	....
20	3.20	5.40	4.42	8.39	18.25	6.99	5.91	4.75	3.82	4.66	6.40	....
25	4.71	5.90	4.49	10.79	16.60	...	6.02	4.28	3.73	4.93	7.30	....
Eom	4.60	5.75	4.11	12.65	12.01	...	5.90	....	3.82	4.73	....	....
1971												
5	10.80	....	11.70	16.40	21.63	18.01	9.70	6.00	4.56	6.37	4.30	5.45
10	....	....	....	17.53	22.00	15.95	8.87	5.80	4.20	5.21	4.95	5.20
15	....	....	....	19.04	21.04	14.10	8.00	5.20	4.04	4.88	5.60	5.80
20	....	....	....	19.30	19.40	12.89	7.40	5.10	4.09	4.44	6.58	6.32
25	....	....	17.28	20.29	18.30	12.00	7.18	4.94	4.17	4.22	7.74	7.39
Eom	....	10.83	e15.9	20.68	17.20	10.81	6.63	4.80	5.05	4.20	6.59	9.11
1972												
5	10.33	9.75	8.99	10.75	18.81	12.93	8.46	....	4.80	....	10.04	....
10	10.04	8.20	9.20	10.43	15.90	13.55	8.10	....	4.80	....	12.48	....
15	10.73	7.37	12.33	14.11	13.09	12.20	8.18	....	5.00	....	10.58	....
20	12.74	7.15	10.56	16.29	11.74	10.00	7.51	....	5.26	8.20	....	....
25	12.15	8.44	12.18	17.32	13.35	....	....	....	5.90	8.25	....	....
Eom	12.19	9.22	12.92	17.79	13.58	....	....	....	6.26	8.75	....	....
1973												
5	8.41	6.55	7.51	7.30	e14.9	18.76	11.09	7.01	e6.1	5.99	8.74	14.21
10	7.98	6.35	8.38	6.74	e16.1	16.81	10.03	e6.8	...	6.31	10.88	11.96
15	6.72	6.15	9.15	8.12	16.49	15.47	9.89	e6.7	4.91	7.95	11.93	11.21
20	7.91	5.75	9.41	10.45	18.54	14.64	9.55	e6.5	5.10	8.25	11.40	9.33
25	6.70	6.24	9.28	e12.4	20.19	12.68	8.53	e6.4	5.07	9.47	12.48	8.67
Eom	6.65	6.76	8.17	e13.7	22.42	12.14	7.94	e6.2	4.97	8.79	12.73	7.84

e Estimated.

Taylor County

300358083305001. Local number 35. Buckeye Cellulose Corp. Drilled unused artesian well in Floridan aquifer, diam 17 to 12 in (43 to 30 cm), depth 230 ft (70 m), cased to 189 ft (58 m). Lsd 54.69 ft (16.67 m) above msl. MP top of 17-in (43 cm) casing, at lsd. Highest water level 0.69 ft (0.21 m) above lsd, Apr. 2, 1948; lowest 37.5 ft (11.4 m) below lsd, Feb. 19, 1969. Records available: 1946-73. Water levels affected by pumping of nearby wells.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	36.1	37.3	37.2	31.5	33.4	....	....	25.3	24.1	24.4	25.5	....
10	36.4	37.4	37.1	31.8	33.8	....	29.8	23.3	24.2	24.5	25.8	....
15	36.7	37.4	37.2	32.2	33.9	....	29.0	23.5	24.4	24.5	26.2	....
20	36.8	37.4	36.6	32.5	32.7	....	28.8	23.9	24.6	24.5	26.4	....
25	37.0	37.3	34.1	32.8	28.7	....	23.2	23.8	24.3	24.9	....	....
Eom	37.2	37.3	32.3	33.1	....	....	25.2	24.2	24.4	25.1	....	....
1970												
5	....	24.3	24.0	....	....	23.3	24.0	13.1	18.4	21.3	22.5	....
10	25.7	24.0	23.6	....	22.0	23.6	24.3	11.4	19.1	21.6	22.9	....
15	15.1	24.0	23.6	....	22.5	23.9	24.2	17.1	19.6	22.0	e23.2	....
20	24.6	24.2	23.7	....	22.7	24.2	24.4	17.0	20.1	22.1	....	....
25	24.5	24.1	23.8	....	23.0	24.5	24.5	17.4	20.5	22.4	....	....
Eom	24.7	24.0	21.5	....	23.1	24.1	24.5	17.8	20.9	21.5	....	....
1971												
5	....	25.7	24.5	25.9	27.0	28.8	29.9	25.8	24.7	25.8	24.6	26.5
10	....	25.6	24.5	26.1	27.4	29.0	29.5	15.2	24.5	26.0	25.6	26.2
15	25.4	25.2	25.3	26.2	27.6	29.3	28.8	24.9	24.7	25.9	26.0	26.3
20	25.5	25.1	25.6	26.3	28.0	29.5	28.6	25.2	24.9	25.9	26.2	26.2
25	25.5	13.4	25.5	26.6	28.4	29.7	28.4	25.2	25.2	26.0	26.5	25.7
Eom	25.6	22.9	25.9	26.7	28.5	29.8	28.1	24.9	25.5	26.2	26.8	25.8
1972												
5	25.8	24.8	24.9	....	25.2	26.4	26.2	28.4	26.3	29.0	30.4	29.5
10	25.9	24.4	24.9	....	25.2	26.7	26.5	16.2	26.7	29.4	30.6	29.0
15	26.0	24.3	24.9	....	25.3	27.2	26.7	24.0	26.9	29.7	30.8	28.7
20	25.8	24.1	25.2	....	25.7	27.3	27.2	26.4	27.3	30.0	31.1	28.6
25	25.7	24.6	25.4	h24.5	26.0	26.3	27.3	27.1	28.1	30.2	31.0	28.3
Eom	24.9	24.8	....	24.8	26.2	26.1	27.6	26.4	28.5	30.3	30.8	28.2

300358083305001--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.0	26.7	25.8	24.4	24.2	25.7	25.9	13.2	22.2	24.9	28.0	30.4
10	28.0	26.3	26.0	22.8	24.5	25.9	25.2	12.6	22.3	25.5	28.5	30.6
15	27.9	25.9	26.2	22.6	24.8	25.8	10.6	12.7	22.9	26.0	28.7	30.8
20	27.8	25.6	26.4	22.8	25.2	25.9	24.8	12.8	23.4	26.5	29.5	30.9
25	27.8	25.7	26.6	23.3	25.5	25.6	13.7	22.5	23.8	27.0	29.8	31.1
Eom	27.3	25.9	26.5	23.7	25.4	25.6	13.8	13.6	24.3	27.4	30.1	31.2

e Estimated.

h Tape measurement.

300407083314301. Local number 36. Buckeye Cellulose Corp. Drilled unused water-table well in sand of Pleistocene age, diam 6 in (15 cm), depth 35 ft (11 m), casing information not available. Lsd 54.19 ft (16.52 m), previously reported 52.16 ft (15.90 m), above msl. MP top of coupling, 2.30 ft (0.70 m) above lsd. Highest water level 1.38 ft (0.42 m) below lsd, Sept. 14, 1964; lowest 24.59 ft (7.50 m) below lsd, Apr. 4, 1957. Records available: 1947-73. Water levels affected by pumping of nearby wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1969	17.58	Jan. 6, 1970	9.26	Oct. 1, 1970	4.80	Apr. 26, 1972	7.91
Mar. 5	17.45	May 6	6.17	May 10, 1971	10.40	May 10, 1973	7.61
May 5	14.94						

Union County

300747082225801. Local number 007-222-1. U.S. Geol. Survey. Drilled test artesian well in Floridan aquifer, diam 8 in (20 cm), depth 724 ft (221 m), cased to 694 ft (212 m). Lsd 152.75 ft (46.56 m) above msl. MP top of coupling, 3.00 ft (0.91 m) above lsd. Highest water level 85.99 ft (26.21 m) below lsd, Mar. 29, 30, 1965; lowest 95.54 ft (29.12 m) below lsd, July 17, 1969. Records available: 1958-73.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	94.65	94.79	94.42	93.34	94.12	94.71	95.33	95.12	94.50	93.47	93.44	.....
10	94.48	94.75	94.28	93.42	94.27	94.71	95.40	94.90	94.37	.....	.....	.....
15	94.79	94.41	94.41	93.55	94.46	94.79	95.42	94.76	94.37	.....	.....	.....
20	94.54	94.56	94.01	93.62	94.61	94.88	95.46	94.62	94.32	.....	.....	.....
25	94.66	94.42	93.43	93.84	94.69	94.99	95.32	94.54	93.86	.....	.....	.....
Eom	94.71	94.37	93.51	93.94	94.64	95.18	95.28	94.59	93.47	93.32	.....	e92.14

1970												
5	.....	91.70	90.28	89.59	89.49	91.24	91.92	92.35	90.14	91.02	92.03	92.81
10	.....	91.03	90.41	89.17	89.91	91.41	92.10	92.26	90.05	91.17	92.08	92.96
15	.....	90.80	90.50	88.83	90.28	91.57	92.27	91.96	90.19	91.38	92.06	92.97
20	91.78	90.69	90.59	88.69	90.66	91.65	92.27	91.47	90.36	91.60	92.35	93.08
25	91.67	90.13	90.63	88.92	90.67	91.83	92.38	90.90	90.63	91.60	92.68	92.94
Eom	91.86	90.53	90.38	89.16	91.11	91.95	92.27	90.46	90.77	91.86	92.70	92.95

1971												
5	93.18	93.43	93.57	93.48	94.20	94.91	95.30	94.89	93.64	93.75	94.30	94.46
10	93.25	93.65	93.42	93.75	94.25	94.94	95.34	94.80	93.35	93.77	94.30	94.35
15	93.30	93.47	93.48	93.65	94.26	94.95	95.25	94.62	93.08	94.00	94.38	94.36
20	93.43	93.40	93.56	93.66	94.38	95.15	95.27	94.53	93.28	94.07	94.24	94.32
25	93.32	93.37	93.57	93.65	94.55	95.27	95.24	94.35	93.45	94.05	94.50	94.30
Eom	93.34	93.40	93.59	93.92	94.60	95.33	95.16	94.12	93.55	94.15	94.37	93.95

1972												
5	93.70	92.57	91.30	91.70	92.50	92.94	91.86	92.34	92.55	93.23	93.87	94.08
10	93.58	92.10	91.65	91.70	92.55	92.92	91.67	92.55	92.69	93.42	93.92	94.15
15	93.50	91.54	91.51	91.62	92.68	93.20	91.69	92.65	92.70	93.50	93.88	93.97
20	93.34	91.40	91.75	91.88	92.74	92.88	91.77	92.71	92.82	93.61	94.00	94.05
25	93.10	91.13	91.73	91.93	92.87	92.76	91.93	92.85	93.06	93.65	93.81	94.05
Eom	92.59	91.23	91.72	92.35	92.93	92.30	92.27	92.67	92.98	93.87	93.99	94.01

1973												
5	93.99	93.21	92.00	91.10	89.81	91.05	90.39	90.95	91.42	92.00	92.48	93.35
10	93.95	92.60	91.96	90.55	89.89	91.00	90.48	90.70	91.50	92.04	92.75	93.55
15	93.84	92.34	91.66	90.12	90.19	90.85	90.69	90.90	91.63	92.09	92.74	93.53
20	93.68	92.12	91.65	89.76	90.37	90.72	90.91	91.05	91.71	92.14	92.86	93.52
25	93.82	92.05	91.50	89.50	90.65	90.39	91.10	91.18	91.80	92.20	93.00	93.83
Eom	93.57	92.00	91.62	89.75	91.00	90.25	91.03	91.38	91.95	92.17	93.43	93.74

e Estimated.

Volusia County

291105081251501. Local number 29. Clem Nassar. Formerly E. M. Bolin. Barberville. Drilled domestic artesian well in Floridan aquifer, diam 6 in (15 cm), depth 107 ft (33 m), casing information not available. Lsd 40.5 ft (12.3 m) above msl. MP top of 1-in (2.5 cm) hole in sanitary seal, 0.22 ft (0.07 m) below lsd. Highest water level 9.47 ft (2.89 m) below lsd, July 27, 1951; lowest 19.97 ft (6.09 m) below lsd, May 1, 1968. Records available: 1936-71. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	15.98	Sept. 5, 1969	16.13	May 6, 1970	16.64	Nov. 4, 1970	16.34
Mar. 5	16.44	Nov. 4	14.76	July 14	16.86	Jan. 6, 1971	17.68
May 6	17.31	Jan. 14, 1970	15.98	Sept. 3	16.64	Mar. 2	17.25
July 8	17.97	Mar. 9	14.76				

291715081281801. Local number 30. James C. Mew. Drilled unused artesian well in Floridan aquifer, diam 4 in (10 cm), reported depth 180 ft (55 m), casing information not available. Lsd 14.9 ft (4.5 m) above ms1. MP top of casing, 1.42 ft (0.43 m) above lsd. Highest water level 13.0 ft (4.0 m) above lsd, July 14, 1961; lowest 6.4 ft (2.0 m) above lsd, Nov. 3, 1971. Records available: 1936-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	+10.02	May 6, 1970	+10.84	Sept. 7, 1971	+7.90	Oct. 30, 1972	+7.3
Mar. 5	9.00	July 14	9.64	Nov. 3	6.4	Jan. 5, 1973	9.02
May 6	7.69	Sept. 3	9.20	Jan. 3, 1972	6.8	Mar. 7	9.52
July 3	7.26	Nov. 4	8.30	Mar. 2	7.2	May 3	8.92
Sept. 5	9.04	Jan. 6, 1971	7.94	May 8	7.2	July 6	8.20
Nov. 3	9.82	Mar. 2	7.2	July 5	7.8	Sept. 4	9.4
Jan. 13, 1970	11.23	Aug. 15	8.02	Sept. 1	8.1	Nov. 5	9.4
Mar. 9	10.03						

285745081054001. Local number 31. Florida State Road Dept. Alamana. Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), depth 113 ft (34 m), casing information not available. Lsd 35.9 ft (10.9 m) above ms1. MP top of recorder shelter base, 3.10 ft (0.94 m) above lsd. Highest water level 3.80 ft (1.16 m) below lsd, September 1945; lowest 8.80 ft (2.68 m) below lsd, May 24, 25, 1968. Records available: 1936-73.

Highest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.53	5.92	5.72	5.74	6.80	6.90	7.77	7.10	5.10	4.25	4.57	5.23
10	5.43	5.72	5.53	5.88	6.90	7.00	7.85	6.70	5.08	4.55	4.80	4.78
15	5.43	5.49	5.68	6.08	6.97	7.18	7.57	5.90	5.30	4.84	4.85	4.67
20	5.42	5.44	5.32	6.20	6.60	7.34	7.39	5.51	5.35	5.01	4.85	4.85
25	5.60	5.60	5.32	6.40	6.50	7.32	7.42	5.11	4.71	4.95	5.06	4.77
Eom	5.78	5.67	5.63	6.70	6.60	7.60	7.45	5.19	4.61	4.40	5.05	4.87
1970												
5	4.78	4.78	5.22	5.22	6.22	7.27	7.00	6.75	6.53	6.86	6.55	7.29
10	4.66	4.69	4.76	5.11	6.61	7.22	7.12	7.02	6.78	6.98	6.77	7.50
15	4.69	4.91	4.78	5.00	6.92	7.33	6.94	6.37	6.84	7.20	6.90	7.58
20	4.65	4.88	5.03	5.18	7.18	7.23	6.92	6.39	6.86	7.26	6.82	7.69
25	4.89	4.97	5.25	5.55	7.30	7.41	6.40	6.17	7.09	6.69	6.97	7.71
Eom	5.06	5.11	5.31	5.90	7.26	7.12	6.46	6.17	6.90	6.55	7.11	7.70
1971												
5	7.55	7.77	6.42	7.02	7.93	8.34	6.40	e5.71	6.64	....	6.16	6.26
10	7.34	6.57	6.61	6.52	8.26	8.35	6.35	e5.90	6.55	....	6.22	5.94
15	7.20	6.15	6.77	6.52	8.27	7.60	6.35	e6.07	....	....	6.36	5.99
20	7.27	6.16	6.89	6.75	7.84	7.27	6.45	e6.25	....	....	6.52	6.13
25	7.52	6.25	7.03	7.04	7.96	7.13	6.10	e6.45	....	....	6.68	6.04
Eom	7.75	6.30	7.13	7.38	8.15	6.65	5.60	e6.65	....	....	6.68	6.00
1972												
5	6.12	6.13	5.70	5.48	5.94	6.28	5.95	6.14	5.10	5.76	6.15	5.08
10	6.24	5.83	5.60	5.69	6.00	6.52	5.93	5.97	5.37	5.61	5.54	5.25
15	6.42	5.58	5.68	5.88	6.17	6.68	5.81	5.77	5.56	5.44	5.36	5.42
20	6.30	5.37	5.86	6.27	6.10	5.93	5.60	5.90	5.82	5.62	5.37	5.57
25	6.38	5.50	6.00	6.46	6.12	5.50	5.71	5.70	6.13	5.69	5.35	5.36
Eom	6.37	5.67	5.65	6.18	6.10	5.63	5.77	5.02	6.38	5.90	5.05	5.47
1973												
5	5.60	5.21	5.78	5.66	6.85	7.63	6.91	6.75	6.47	5.40	5.95	7.02
10	5.65	5.11	5.96	5.55	7.10	7.70	6.98	6.37	6.55	5.35	6.12	6.94
15	5.35	5.17	6.01	5.97	7.27	7.52	7.13	6.54	6.00	5.49	6.39	6.90
20	5.34	5.34	6.20	6.20	7.30	7.22	7.15	6.78	5.75	5.52	6.60	6.74
25	5.42	5.50	5.98	6.40	7.56	6.82	7.22	6.76	5.71	5.45	6.70	6.52
Eom	5.34	5.58	5.73	6.65	7.70	6.90	7.28	6.79	5.33	5.70	6.95	6.46
e Estimated.												

e Estimated.

291905081251001. Local number 32. Robert Nolan. Drilled unused artesian well in Floridan aquifer, diam 6 in (15 cm), reported depth 138 ft (42 m), casing information not available. Lsd 23.3 ft (7.1 m) above ms1. MP top of casing, 1.08 ft (0.33 m) above lsd. Highest water level 0.4 ft (0.1 m) below lsd, September, October 1947; lowest 7.07 ft (2.15 m) below lsd, May 1, 1968. Records available: 1936-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 9, 1969	2.71	May 23, 1970	4.29	Sept. 7, 1971	4.60	Oct. 30, 1972	4.11
Mar. 5	2.70	July 16	3.90	Nov. 3	4.11	Jan. 5, 1973	4.44
May 6	4.01	Sept. 4	3.68	Jan. 3, 1972	4.26	Mar. 7	3.17
July 3	4.44	Nov. 3	3.56	Mar. 2	3.65	May 3	4.15
Sept. 5	2.82	Jan. 4, 1971	4.72	May 9	4.31	July 6	4.02
Nov. 3	1.97	Mar. 2	3.96	July 5	3.68	Sept. 4	3.17
Jan. 13, 1970	2.36	May 4	5.24	Sept. 1	3.47	Nov. 2	3.30
Mar. 9	1.92	June 28	5.64				

290138081203202. Local number J2. U.S. Geol. Survey. West of De Land. Drilled observation artesian well in intermediate zone of the Floridan aquifer, diam 4 in (10 cm), depth 500 ft (152 m), cased to 252 ft (77 m). Lsd 45 ft (14 m) above ms1. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 26.04 ft (7.94 m) below lsd, Sept. 3, 1969; lowest 34.24 ft (10.44 m) below lsd, June 3, 1968. Records available: 1967-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1967	33.67	Jan. 4, 1968	32.48	May 6, 1970	27.10	May 10, 1972	31.08
Apr. 3	32.27	June 3	34.24	Sept. 4	29.14	Sept. 6	30.77
July 6	31.15	Nov. 4	26.40	May 15, 1971	31.55	May 12, 1973	30.96
Aug. 14	30.16	May 7, 1969	31.73	Nov. 2	30.00	Sept. 6	28.07
Nov. 7	31.89	Sept. 3	26.04				

Wakulla County

300917084121301. Local number 2. O. P. Shields. St. Marks. Drilled unused artesian well in Floridan aquifer, diam 4 in (10 cm), depth 65 ft (20 m), cased to 22 ft (7 m). Lsd 3.75 ft (1.14 m), previously reported 4.18 ft (1.27 m), above msl. MP top of casing, at lsd. Highest water level 1.26 ft (0.38 m) above lsd, Aug. 31, 1950; lowest 4.28 ft (1.30 m) below lsd, Oct. 15, 1951. Records available: 1937, 1946-73. Affected by tides.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1969	1.59	May 15, 1970	2.26	July 2, 1971	2.00	Nov. 10, 1972	1.76
Mar. 5	2.54	July 10	1.65	Nov. 9	2.05	Jan. 11, 1973	1.45
May 5	1.63	Sept. 8	1.10	Jan. 4, 1972	1.60	Mar. 15	1.60
July 9	2.33	Nov. 5	2.13	Mar. 9	2.19	May 8	1.18
Sept. 8	2.05	Jan. 13, 1971	2.60	Apr. 26	1.69	July 5	1.68
Nov. 10	1.52	Mar. 3	.85	July 6	1.04	Sept. 6	.77
Jan. 5, 1970	2.21	May 5	2.05	Sept. 7	1.70	Nov. 6	1.92
Mar. 3	1.82						

300000084261001. Local number 11. U.S. Dept. of Interior. Drilled domestic artesian well in Floridan aquifer, diam 4 in (10 cm), depth 70 ft (21 m), cased to 45 ft (14 m). Lsd not available. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 5.10 ft (1.55 m) below lsd, Sept. 23, 1959; lowest 9.00 ft (2.74 m) below lsd, Mar. 7, 1949. Records available: 1946-73. Affected by tides. May 12, 1969, 8.35; May 11, 1970, 7.40; May 5, 1971, 8.17; Apr. 26, 1972, 8.05; May 8, 1973, 7.20.

Walton County

302214086065201. Local number 13. O. H. Saltzman. Point Washington. Drilled public-supply artesian well in Floridan aquifer, diam 8 in (20 cm), reported depth 450 ft (137 m), casing information not available. Lsd 10.56 ft (3.22 m) above msl. MP top of 8-in (20 cm) tee, 2.00 ft (0.61 m) above lsd. Highest water level 20.8 ft (6.3 m) above lsd, Sept. 3, 1947; lowest 1.05 ft (0.32 m) above lsd, July 22, 1968. Records available: 1936, 1946-69. Well caved in; measurement discontinued May 8, 1969. Jan. 9, 1969, +6.00; Mar. 6, +7.60; May 8, +2.63.

Washington County

304632085485101. Local number 4. Town of Caryville. Drilled public-supply artesian well in Floridan aquifer, diam 4 in (10 cm), reported depth 785 ft (239 m), casing information not available. Lsd 62.97 ft (19.19 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 0.00, Dec. 12, 1935; lowest 17.98 ft (5.48 m) below lsd, Nov. 23, 1952. Records available: 1935, 1946-73.

Jan. 6, 1969	15.59	May 4, 1970	10.73	Sept. 15, 1971	11.84	Nov. 7, 1972	16.26
Mar. 3	13.50	June 22	10.95	Nov. 8	13.42	Jan. 9, 1973	8.92
May 5	11.76	Aug. 31	11.45	Jan. 6, 1972	11.49	Mar. 7	10.14
July 8	13.26	Nov. 3	12.68	Mar. 2	11.00	May 3	8.36
Sept. 2	11.35	Jan. 13, 1971	10.48	May 5	11.95	July 10	11.05
Nov. 4	12.80	Mar. 9	8.24	July 14	12.96	Sept. 5	12.08
Jan. 5, 1970	12.03	May 5	10.44	Sept. 5	15.42	Oct. 30	12.20
Mar. 3	9.96	July 6	11.93				

303025085350501. Local number 030-535-422A. U.S. Geol. Survey. Drilled observation artesian well in Floridan aquifer, diam 4 in (10 cm), depth 150 ft (46 m), cased to 110 ft (34 m). Lsd 66.11 ft (20.15 m) above msl. MP top of casing, 2.90 ft (0.88 m) above lsd. Highest water level 2.12 ft (0.65 m) below lsd, Mar 5, 1965; lowest 17.92 ft (5.46 m) below lsd, Feb. 13, 14, 1969. Records available: 1962-73.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	h10.38	.....	h12.02	12.32
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.97	12.47
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.04	12.57
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	h11.72	12.12	12.70
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.68	12.21	12.80
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.28	.....
1963												
5	.....	10.35	10.15	10.86	.....	12.95	12.10	9.53	8.78	8.33	9.24	.....
10	.....	10.44	10.25	10.70	.....	13.15	.....	.....	8.90	8.43	9.30	.....
15	.....	10.46	10.30	10.74	.....	13.30	h12.78	.....	9.08	8.58	9.39	.....
20	10.68	10.34	10.28	11.87	12.45	13.13	12.78	.....	9.21	.....	9.55	.....
25	10.33	10.25	10.41	.....	12.59	12.87	10.24	8.67	9.42	8.89	9.49	.....
Eom	10.34	10.25	10.55	.....	12.76	12.63	9.60	8.75	8.39	9.12	.....	.....
1964												
5	....	6.83	5.88	....	4.47	5.04	5.35	4.51	3.86	3.06	2.43	....
10	....	6.77	5.96	....	4.49	5.09	5.35	4.42	3.80	3.01	2.52	....
15	....	6.79	5.86	h4.92	4.61	5.25	5.14	4.18	.....	.....	2.63	....
20	....	6.58	5.61	4.98	4.70	.....	5.11	4.03	.....	.....	2.61	....
25	7.00	6.50	5.46	5.02	4.67	.....	4.57	3.77	.....	.....	2.53	2.48
Eom	6.99	6.19	.....	4.68	4.88	5.47	4.53	3.79	.....	2.34	2.55	2.62
1965												
5	2.71	2.92	2.12	e2.0	e2.4	3.52	e3.4	3.44	3.29	3.50	4.02	4.28
10	2.75	2.86	2.17	e2.1	e2.6	3.66	e3.4	3.20	3.47	3.34	3.86	4.45
15	2.85	2.61	2.17	e2.2	e2.8	3.25	3.49	.....	3.63	3.44	3.98	4.42
20	2.98	2.48	e2.2	e2.2	3.07	e3.3	3.65	3.17	3.78	.....	4.05	4.12
25	2.80	2.40	e2.2	e2.2	3.15	e3.4	3.76	3.31	3.84	h3.70	4.16	4.17
Eom	2.85	2.44	e2.0	e2.2	3.35	e3.3	3.68	3.39	3.52	3.92	4.17	4.33

303025085350501--Continued.

Day	1966											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.14	4.29	3.06	2.93	3.35	....	4.58	4.67	5.14	....	....	....
10	4.30	4.33	3.03	3.03	3.41	....	4.58	4.50	5.31	....	....	....
15	4.09	4.05	2.87	3.14	3.55	....	4.61	4.55	5.36	....	....	....
20	4.32	3.87	2.82	3.22	3.61	....	4.67	4.62	....	....	....	....
25	4.14	3.89	2.85	3.35	3.57	....	4.27	4.78	....	....	....	....
Eom	4.23	3.41	2.86	3.19	3.81	4.40	4.71	....	....	....	....	....
Day	1967											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	h5.20	....	....	h6.85	....	....	....	7.68	7.45	7.32	8.04
10	....	....	h5.56	....	....	....	h7.11	....	7.31	7.35	7.42	7.89
15	....	h5.00	h5.68	....	....	....	....	....	6.82	7.51	7.55	7.87
20	....	....	....	....	....	....	....	h7.37	6.97	7.63	7.71	7.93
25	h5.37	....	....	....	....	....	....	7.37	7.13	7.70	7.80	7.99
Eom	....	....	h5.91	....	....	....	....	7.45	7.30	7.58	7.96	7.79
Day	1968											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.81	....	8.66	9.30	10.55	....	h12.78	13.50	14.48	15.41	....	17.03
10	7.78	....	8.73	9.58	....	....	12.86	13.65	14.64	15.40	16.39	17.10
15	7.89	h8.14	8.72	9.80	....	....	12.96	13.77	14.83	....	16.50	17.17
20	8.01	8.55	8.81	10.15	....	....	13.07	13.95	14.90	....	16.69	17.28
25	8.13	8.60	8.93	10.32	....	....	13.12	14.10	15.04	....	16.80	17.32
Eom	....	8.56	9.10	10.37	....	....	13.34	14.28	15.25	....	16.96	17.31
Day	1969											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.18	17.72	17.71	15.15	14.48	14.72	15.68	12.24	....	....	13.28	13.95
10	17.10	17.82	17.61	15.43	....	14.88	15.70	12.09	....	....	13.39	13.69
15	17.20	17.71	17.61	15.25	12.68	15.00	....	....	....	....	13.55	13.71
20	17.28	17.70	16.57	12.90	12.67	15.19	....	....	....	h13.09	13.58	13.78
25	17.43	17.64	15.99	12.79	13.54	15.35	15.20	....	....	13.17	13.70	13.39
Eom	17.60	17.65	14.76	12.90	14.33	15.53	12.68	....	....	13.30	13.80	12.79
Day	1970											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.03	....	10.15	8.90	9.42	9.10	8.47	....	....	....	....	8.15
10	11.25	....	9.72	9.00	9.67	9.18	8.50	....	....	....	h7.69	8.30
15	....	....	9.62	8.86	h9.96	9.37	8.60	....	....	....	7.75	8.40
20	....	....	9.54	8.93	10.10	9.51	8.68	....	....	....	7.80	8.37
25	....	....	9.36	9.12	10.22	8.74	8.52	....	....	....	7.94	8.42
Eom	....	....	9.07	9.28	9.59	8.60	....	....	....	....	8.05	8.30
Day	1971											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.23	8.52	7.60	7.32	7.80	8.61	9.20	....	....	8.77	9.33	9.84
10	....	8.14	7.56	7.46	7.97	8.75	8.96	....	....	8.68	9.69	9.50
15	8.28	7.93	7.41	7.56	7.93	8.85	....	....	....	8.70	9.92	9.65
20	8.44	7.03	7.31	7.72	8.04	9.01	....	....	h8.22	8.86	10.03	9.54
25	8.57	8.02	7.40	7.80	8.20	9.10	....	....	8.34	8.97	10.23	9.32
Eom	8.56	7.69	7.46	7.64	8.40	9.20	....	....	8.53	9.13	10.36	9.52
Day	1972											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.58	8.94	8.68	....	9.17	9.18	9.20	10.52	....	12.50	13.55	14.34
10	9.53	8.84	8.73	....	8.56	9.50	9.30	....	11.54	12.75	13.72	....
15	9.20	8.71	8.78	....	8.31	9.96	9.56	....	11.70	12.93	13.85	....
20	9.17	8.74	....	....	8.48	9.37	9.53	....	11.91	13.14	14.00	....
25	9.24	8.80	....	....	8.75	9.11	9.94	....	12.14	13.28	14.00	....
Eom	9.33	8.90	....	....	8.95	9.08	10.37	....	12.29	13.37	14.18	....
Day	1973											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	10.22	9.87	7.80	7.06	6.49	6.24	5.96	5.94	....	6.89	6.81
10	h11.42	9.80	9.68	7.24	....	6.18	6.31	5.80	5.80	....	7.06	6.89
15	11.49	9.78	9.66	7.36	7.18	6.29	6.33	5.69	....	....	7.12	6.66
20	11.63	9.78	9.50	7.27	7.30	6.01	6.30	5.83	....	....	7.27	6.42
25	11.28	9.82	9.16	7.23	7.39	5.97	6.20	6.05	....	h6.79	7.02	6.59
Eom	11.16	9.87	8.44	7.09	6.69	6.14	6.33	5.90	....	6.82	6.97	6.22

e Estimated.

h Tape measurement.

## References

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## GEORGIA

The observation-well program in Georgia, begun in 1938, was continued during 1969 through 1973, in cooperation with the Earth and Water Division of the Georgia Department of Natural Resources. 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 on page 1. Local well numbers are also given.

The local well-numbering system used in this report is based on a 7½-minute latitude and longitude grid that has been adapted for the ground-water work in Georgia. The State is divided into 7½-minute quadrangles starting at longitude 85°42'30" on the west and latitude 35°15' on the south. The quadrangles are numbered from 1 to 40 beginning at longitude 85°42'30" on the west and continuing eastward. They are lettered from south to north beginning at latitude 30°15', starting with A through Z, omitting letters "O" and "I", and with double letters AA through QQ. The 7½-minute quadrangle is identified by the longitude and latitude lines along its south and west sides. To identify a 7½-minute quadrangle, read right, then up. Thus, a well in Glynn County in quadrangle 32H is bounded on the west by longitude 81°30' and on the south by latitude 31°7'30". 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. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

#### Appling County

314612082195401. Local number 27N4. Formerly 3. Filtered Rosin Products Co. Near Baxley. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 8 in (20 cm), depth 625 ft (191 m), cased to 525 ft (160 m). Lsd 204 ft (62 m) above msl. MP top of hole in pumpbase, 1.20 ft (0.37 m) above lsd. Highest water level 129.6 ft (39.5 m) below lsd, Sept. 20, 1946; lowest 148.21 ft (45.17 m) below lsd, Dec. 3, 1968. Records available: 1940-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 5, 1969	145.1	Oct. 5, 1970	139.30	Oct. 13, 1971	141.70	May 15, 1973	142.70
Oct. 10	145.00	Dec. 2	139.95	May 24, 1972	141.90	Oct. 10	144.50
May 14, 1970	140.80	May 11, 1971	140.00	Oct. 11	144.50		

#### Brantley County

311100081590001. Local number 30H3. Okfenokee Rural Electrification Association. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 6 in (15 cm), depth 650 ft (198 m), cased to 578 ft (176 m). Lsd 61 ft (19 m) above msl. MP top of casing, 1.08 ft (0.33 m) above lsd. Highest water level 13.77 ft (4.20 m) below lsd, May 11, 1965; lowest 21.22 ft (6.47 m) below lsd, Oct. 12, 1972. Oct. 11, 1973. Records available: 1963-73.

May 14, 1969	20.20	Oct. 6, 1970	18.92	May 25, 1972	19.42	May 16, 1973	19.62
Oct. 10	20.50	May 12, 1971	20.32	Oct. 12	21.22	Oct. 11	21.22
May 14, 1970	18.27	Oct. 14	20.62				

#### Bryan County

321407081264901. Local number 34H40. Formerly 144. J. A. Davis. Formerly U. Butler. Eldora. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (3 cm), depth about 400 ft (122 m), cased to 80 ft (24 m). Lsd 65.7 ft (20.0 m) above msl. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 19.85 ft (6.05 m) below lsd, Nov. 29, 1948; lowest 42.30 ft (12.89 m) below lsd, Nov. 29, 1973. Records available: 1942-73.

Jan. 31, 1969	38.50	Dec. 1, 1969	38.70	Feb. 11, 1971	39.10	Apr. 16, 1973	40.35
Feb. 20	38.40	Mar. 13, 1970	38.20	Sept. 8	39.20	July 16	40.50
Mar. 26	38.40	Aug. 28	38.90	Dec. 1, 1972	41.30	Oct. 25	41.70
Sept. 17	39.20	Sept. 20	40.60	Feb. 7, 1973	42.00	Nov. 29	42.30

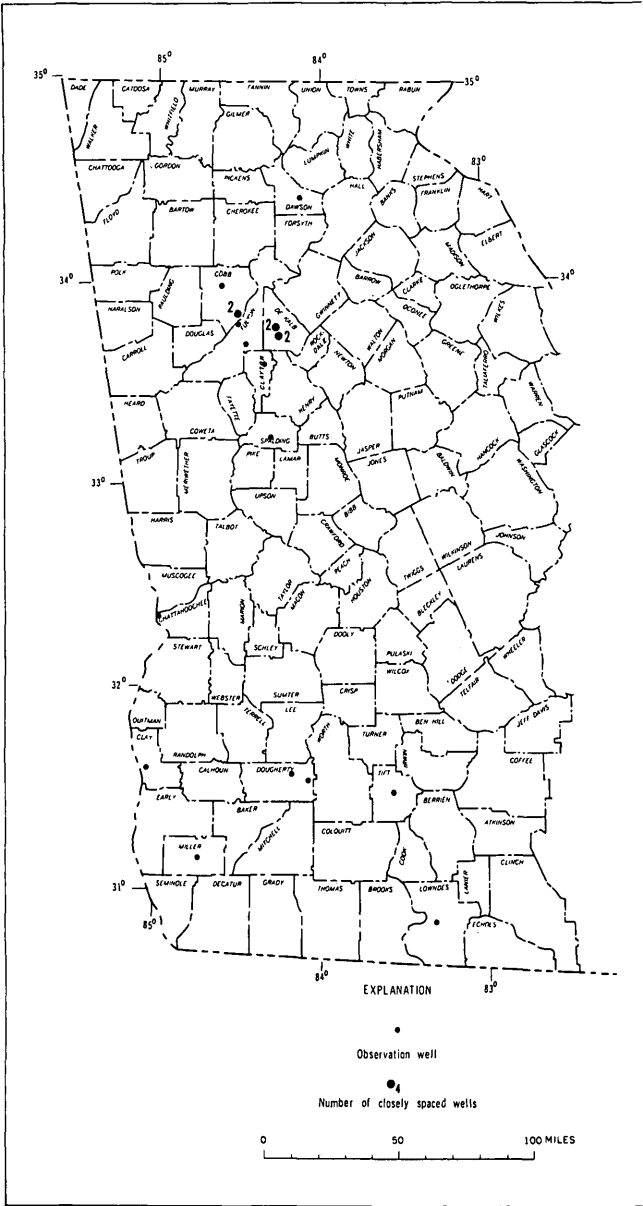
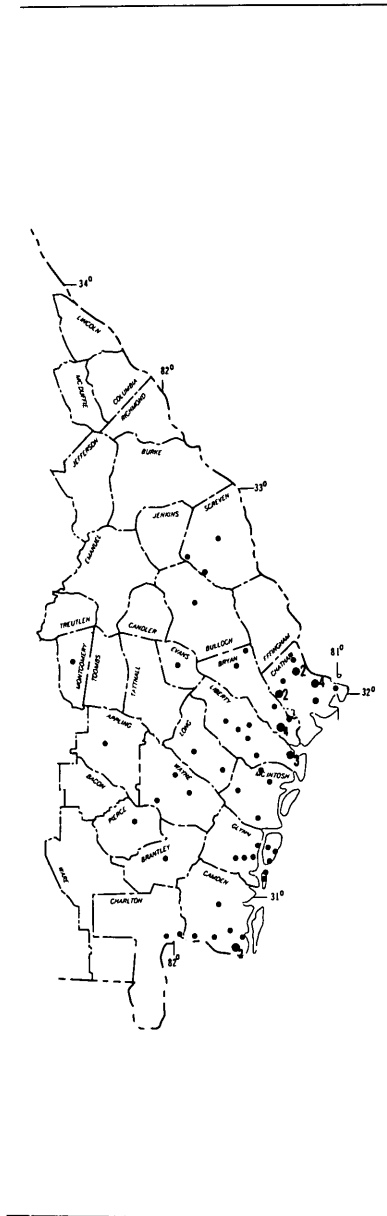


Figure 4.--Location of observation





wells in Georgia, 1969-73.

320906081303201. Local number 33R10. Formerly 146. Bryan County Board of Education. Formerly Mill Creek School. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 6 in (15 cm), depth 423 ft (129 m), cased to 318 ft (97 m). Lsd 66.50 ft (20.27 m) above msl. MP top of 6-in (15 cm) coupling, 1.50 ft (0.46 m) above lsd. Highest water level 19.53 ft (5.95 m) below lsd, Mar. 6, 1941; lowest 47.25 ft (14.40 m) below lsd, Nov. 29, 1973. Records available: 1941-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1969	42.30	June 24, 1970	43.30	July 12, 1971	44.15	Dec. 1, 1972	45.55
Feb. 20	42.30	Aug. 28	43.50	Sept. 6	44.30	Feb. 7, 1973	45.05
Mar. 26	42.05	Sept. 30	43.85	Nov. 29	44.00	Apr. 16	45.10
July 29	43.20	Dec. 10	43.90	Mar. 28, 1972	43.40	July 16	45.70
Sept. 17	43.30	Feb. 11, 1971	43.75	May 23	43.90	Oct. 25	46.60
Dec. 1	43.13	Mar. 22	43.60	Aug. 31	44.70	Nov. 29	47.25
Mar. 13, 1970	42.80	May 7	43.65	Oct. 24	45.60		

315035081151601. Local number 35N16. Formerly 148. International Paper Co. Keller. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 440 ft (134 m), cased to 152 ft (46 m). Lsd 17 ft (5 m) above msl. MP top of 4-in (10 cm) tee, 1.00 ft (0.30 m) above lsd. Highest water level 7.40 ft (2.26 m) above lsd, Mar. 25, 1941; lowest 21.12 ft (6.44 m) below lsd, Dec. 5, 1973. Records available: 1940-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1969	16.52	Sept. 8, 1970	18.42	Dec. 15, 1971	18.62	Apr. 13, 1973	19.32
Sept. 30	17.72	Dec. 1	18.12	Mar. 24, 1972	17.82	June 28	20.17
Dec. 17	17.62	Mar. 30, 1971	17.52	July 11	18.52	Oct. 26	20.82
Mar. 15, 1970	17.12	June 18	18.37	Sept. 13	19.72	Dec. 5	21.12
June 23	18.02	Sept. 22	18.77	Dec. 4	20.07		

315132081165501. Local number 35N35. Formerly 149. International Paper Co. Drilled unused (previously reported domestic) artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 500 ft (152 m), cased to 160 ft (49 m). Lsd 10 ft (3 m) above msl. MP top of 4-in (10 cm) tee, 0.68 ft (0.21 m) above lsd. Highest water level 5.65 ft (1.72 m) above lsd, Dec. 17, 1940; lowest 23.99 ft (7.31 m) below lsd, Dec. 5, 1973. Records available: 1940-47, 1949-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1969	19.12	Sept. 8, 1970	22.07	Dec. 13, 1971	21.32	Apr. 13, 1973	22.02
Sept. 30	20.12	Dec. 1	20.82	Mar. 24, 1972	20.52	June 25	22.92
Dec. 17	20.32	Mar. 30, 1971	20.22	July 11	21.12	Oct. 2	23.42
Mar. 13, 1970	19.67	June 18	21.07	Sept. 13	22.47	Dec. 5	23.99
June 23	20.72	Sept. 22	21.42	Dec. 4	22.67		

315731081193401. Local number 35P71. Formerly 150. Bud Casey. Formerly Mrs. E. M. Berry. Richmond Hill. Drilled public-supply (previously reported domestic) artesian well in Ocala Limestone of late Eocene age, diam 4 to 3 in (10 to 8 cm), depth 480 ft (146 m), cased to about 400 ft (122 m). Lsd 15 ft (5 m) above msl. MP top of 4-in (10 cm), previously reported 2-in (5.1 cm), tee, 0.90 ft (0.27 m) above lsd. Highest water level 12.57 ft (3.83 m) above lsd, Dec. 17, 1940; lowest 18.10 ft (5.52 m) below lsd, Dec. 5, 1973. Records available: 1940-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1969	13.75	Sept. 8, 1970	15.25	Mar. 24, 1972	15.00	Apr. 13, 1973	15.80
Sept. 30	14.25	Dec. 1	14.95	July 11	15.50	June 25	16.75
Dec. 17	14.10	Sept. 22, 1971	15.40	Sept. 13	16.75	Oct. 2	17.30
Mar. 13, 1970	14.15	Dec. 13	15.45	Dec. 4	16.70	Dec. 5	18.10
June 23	15.15						

315022081161301. Local number 35N21. Formerly 151. International Paper Co. Drilled unused (previously reported domestic) artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 500 ft (152 m), cased to 160 ft (49 m). Lsd 18 ft (5 m) above msl. MP top of 4-in (10 cm) tee, 1.00 ft (0.30 m) above lsd. Highest water level 8.3 ft (2.5 m) above lsd, Mar. 25, 1941; lowest 20.30 ft (6.19 m) below lsd, Dec. 5, 1973. Records available: 1941-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1969	15.60	Sept. 8, 1970	17.50	Dec. 13, 1971	17.75	Apr. 13, 1973	18.50
Sept. 30	16.25	Dec. 1	17.20	Mar. 24, 1972	16.90	June 25	19.35
Dec. 17	16.75	Mar. 30, 1971	16.50	July 11	17.60	Oct. 2	19.80
Mar. 13, 1970	16.10	June 18	17.40	Sept. 13	18.80	Dec. 5	20.30
June 23	17.00	Sept. 22	17.80	Dec. 4	19.20		

315326081115701. Local number 36P6. Formerly 162. Georgia Dept. of Natural Resources, Parks Division. Formerly International Paper Co. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 780 ft (238 m), cased to 152 ft (46 m). Lsd 15 ft (5 m) above msl. MP top of casing, previously reported 4-in (10 cm) pipe, 1.85 ft (0.56 m) above lsd. Highest water level 0.67 ft (0.20 m) above lsd, June 23, 1943; lowest 29.15 ft (8.88 m) below lsd, Dec. 5, 1973. Records available: 1943-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1969	25.15	Sept. 8, 1970	26.95	Dec. 13, 1971	26.95	Apr. 13, 1973	27.65
Sept. 30	24.95	Dec. 1	25.75	Mar. 24, 1972	26.15	June 25	28.65
Dec. 17	25.55	June 18, 1971	27.15	July 11	25.75	Dec. 5	29.15
Mar. 13, 1970	24.95	Sept. 22	26.55	Dec. 4	28.70		

314923081173001. Local number 35N27. Formerly 171. Denmark & Shuman. Formerly Deal & Purvis. Belfast. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 600 ft (183 m), cased to 120 ft (37 m). Lsd 17 ft (5 m) above msl. MP top of 3-in (7.6 cm) cross, 0.70 ft (0.21 m) above lsd. Highest water level 8.03 ft (2.45 m) above lsd, Mar. 5, 1947; lowest 19.10 ft (5.82 m) below lsd, Dec. 5, 1973. Records available: 1942-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 6, 1969	14.60	Sept. 8, 1970	16.45	Dec. 13, 1971	16.50	Apr. 13, 1973	17.35
Sept. 30	14.90	Dec. 1	15.95	Mar. 24, 1972	15.75	June 25	18.30
Dec. 17	16.20	Mar. 30, 1971	14.90	July 11	16.30	Oct. 2	18.70
Mar. 13, 1970	15.10	June 18	16.30	Sept. 13	17.35	Dec. 5	19.10
June 23	15.90	Sept. 22	16.50	Dec. 4	18.10		

Bulloch County

322728081460001. Local number 31T2. Formerly 71. Wingate Faceville. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 8 in (20 cm), depth 390 ft (119 m), casing information not available. Lsd 187 ft (57 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd (since Oct. 8, 1969). Highest water level 67.7 ft (20.6 m) below lsd, Feb. 1, 1949; lowest 90.70 ft (27.65 m) below lsd, Oct. 11, 1972. Records available: 1948-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 15, 1969	88.40	Oct. 5, 1970	87.25	Oct. 13, 1971	88.10	Oct. 11, 1972	90.70
Oct. 8	84.35	May 11, 1971	85.70	May 24, 1972	83.30	May 15, 1973	82.80
May 13, 1970	87.30						

Camden County

304800081411801. Local number 32E11. Formerly 12. J. J. Godley. Kingsland. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 400+ ft (122 m), casing information not available. Lsd 35.4 ft (10.8 m) above msl. MP top of 3-in (7.6 cm) cross, 1.50 ft (0.46 m) above lsd. Highest water level 25.48 ft (7.77 m) above lsd, Dec. 7, 1947; lowest 4.60 ft (1.40 m) above lsd, Oct. 12, 1972. Records available: 1938, 1940-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+5.70	Oct. 6, 1970	+7.00	May 20, 1972	+5.90	May 16, 1973	+6.50
Oct. 9	5.70	May 12, 1971	4.90	Oct. 12	4.60	Oct. 11	5.50
May 13, 1970	7.60	Oct. 14	4.00				

304627081371201 (revised). Local number 33E4 (previously reported 33E2). Formerly 14. Rayonier, Inc. Drilled domestic artesian well in Ocala Limestone of late Eocene age; diam 4 in (10 cm); depth 474 ft (144 m), previously reported 475 ft (145 m); cased to 80 ft (24 m). Lsd 25 ft (8 m) above msl. MP top of 4-in (10 cm) tee, 4.50 ft (1.37 m) above lsd. Highest water level 23.80 ft (7.25 m) above lsd, Nov. 15, 1938; lowest 10.90 ft (3.32 m) above lsd, Oct. 12, 1972. Records available: 1938, 1957-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+12.98	Oct. 6, 1970	+14.33	May 25, 1972	+11.85	May 16, 1973	+13.54
Oct. 10	12.41	May 12, 1971	11.51	Oct. 12	10.90	Oct. 11	12.41
May 13, 1970	14.90	Oct. 14	11.82				

305634081401701. Local number 32F45. Formerly 59. Mrs. Jessie Colson. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth about 400 ft (122 m), casing information not available. Lsd 24 ft (7 m) above msl. MP top of 4-in (10 cm) cross, 2.00 ft (0.61 m) above lsd. Highest water level 32.7 ft (10.0 m) above lsd, June 22, 1939; lowest 17.22 ft (5.25 m) above lsd, Oct. 14, 1971. Records available: 1939-46, 1949-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+17.79	Oct. 6, 1970	+19.62	Oct. 14, 1971	+17.22	Oct. 12, 1972	+17.36
Oct. 9	17.90	May 12, 1971	17.36	May 25, 1972	18.49	May 16, 1973	19.26
May 13, 1970	18.98						

304800081350501 (revised). Local number 33E18. Formerly 68. Kings Bay Club. U.S. Government. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 525 ft (160 m), cased to 320 ft (98 m). Lsd 11 ft (3 m) above msl. MP top of 3-in (7.6 cm) cross, 1.50 ft (0.46 m) above lsd. Highest water level 49.27 ft (15.02 m) above lsd, June 23, 1939; lowest 20.68 ft (6.30 m) above lsd, Oct. 14, 1971. Records available: 1939-47, 1949-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+23.42	Oct. 6, 1970	+24.01	May 25, 1972	+22.85	May 16, 1973	+22.82
Oct. 10	22.15	May 12, 1971	21.15	Oct. 12	22.17	Oct. 11	23.75
May 13, 1970	25.83	Oct. 14	20.68				

305045081310301. Local number 33E9. Formerly 71. St. Marys American Legion Club. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 6 to 4 in (15 to 10 cm), depth 565 ft (172 m), cased to 250 ft (76 m). Lsd 8 ft (2 m) above msl. MP top of faucet, 2.50 ft (0.76 m) above lsd. Highest water level 47.30 ft (14.42 m) above lsd, June 23, 1939; lowest 29.06 ft (8.86 m) above lsd, May 8, 1968. Records available: 1939, 1957-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+30.41	Oct. 6, 1970	+35.16	Oct. 14, 1971	+30.96	Oct. 12, 1972	+31.44
Oct. 10	34.17	May 12, 1971	31.95	May 25, 1972	32.12	Oct. 11, 1973	33.02
May 13, 1970	35.61						

304817081510801 (revised). Local number 31E5. Formerly 118. Mrs. Oscar Silcox. Drilled domestic artesian well in Ocala Limestone of late Eocene age; diam 3 to 2 in (7.6 to 5.1 cm), previously reported 3 in (7.6 cm); depth 433 ft (132 m), previously reported about 600 ft (183 m); cased 0-224, 330-409 ft (0-683, 101-125 m). Lsd 20 ft (6 m) above msl. MP top of 3-in (7.6 cm) cross, at lsd. Highest water level 40.87 ft (12.46 m) above lsd, Dec. 7, 1947; lowest 22.80 ft (6.95 m) above lsd, May 8, 1968. Records available: 1939, 1941-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+23.1	Oct. 6, 1970	+25.30	May 25, 1972	+23.50	May 16, 1973	+26.30
Oct. 10	23.7	May 12, 1971	23.16	Oct. 12	22.93	Oct. 11	23.95
May 13, 1970	26.70	Oct. 14	23.13				

304348081324001. Local number 33D4. Formerly 161. Edward Floyd. St. Marys. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 2 in (5.1 cm), depth 600 ft (183 m), cased to 400 ft (122 m). Lsd 10 ft (3 m) above msl. MP top of 2-in (5.1 cm) tee, 1.10 ft (0.34 m) above lsd. Highest water level 19.10 ft (5.82 m) above lsd, July 17, 1952; lowest 24.00 ft (7.32 m) below lsd, May 12, 1971. Records available: 1952-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	15.90	Oct. 6, 1970	18.30	May 25, 1972	20.60	May 16, 1973	19.30
Oct. 10	15.10	May 12, 1971	24.00	Oct. 12	21.20	Oct. 11	19.15
May 13, 1970	13.70	Oct. 14	23.80				

Charlton County

304936081542701 (revised). Local number 30E2. Formerly 2. Lester Varn. Drilled domestic artesian well in Ocala Limestone of late Eocene age; diam 4 in (10 cm); depth 300 ft (91 m), previously reported 400+ ft (122 m); cased to 260 ft (79 m). Lsd 12 ft (4 m) above msl. MP top of 4-in (10 cm) tee, 2.60 ft (0.79 m) above lsd. Highest water level 42.20 ft (12.86 m) above lsd, Nov. 3, 1939; lowest 29.27 ft (8.92 m) above lsd, May 13, 1970. Records available: 1939, 1958-73. May 14, 1969, +32.70; Oct. 10, +31.64; May 13, 1970, +29.27; May 12, 1971, +31.42; May 25, 1972, +31.98; May 16, 1973, +35.26; Oct. 11, +35.26.

304934082000201. Local number 29E6. Folkston Elementary and High School. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 650 ft (198 m), cased to 520 ft (158 m). Lsd 66 ft (20 m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 21.35 ft (6.51 m) below lsd, May 10, 1966; lowest 26.60 ft (8.11 m) below lsd, Oct. 12, 1972. Records available: 1966-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1966	21.57	May 8, 1968	26.50	May 13, 1970	23.40	May 25, 1972	25.30
May 10	21.35	Oct. 23	25.90	Oct. 6	24.15	Oct. 12	26.60
Oct. 12	21.40	May 14, 1969	25.95	May 12, 1971	26.50	May 16, 1973	24.10
May 9, 1967	23.05	Oct. 10	25.40	Oct. 14	26.45	Oct. 11	25.60
Oct. 10	23.90						

Chatham County

320459081075301. Local number 36Q11. Formerly 28. Porter-Huggins, Inc. Formerly Reliance Fertilizer Co. Drilled unused (previously reported industrial) artesian well in Ocala Limestone of late Eocene age, diam 8 in (20 cm), depth 480 ft (146 m), cased to 160 ft (49 m). Lsd 16.37 ft (4.99 m) above msl. MP top of concrete pump foundation, 1.30 ft (0.40 m) above lsd (since Dec. 2, 1970). Highest water level 33.25 ft (10.13 m) below lsd, Oct. 11, 1939; lowest 123.30 ft (37.58 m) below lsd, Aug. 17, 1972. Records available: 1932, 1937-42, 1952-73.

Feb. 26, 1969	114.05	June 17, 1971	118.15	May 22, 1972	111.20	Feb. 21, 1973	109.10
Mar. 17	115.15	July 13	115.10	June 16	113.70	Mar. 27	110.70
Apr. 22	115.80	Sept. 21	114.40	July 13	119.70	Apr. 20	113.00
Dec. 2, 1970	120.20	Oct. 19	112.40	Aug. 17	123.30	May 24	118.70
Feb. 17, 1971	116.80	Nov. 19	116.40	Sept. 20	122.10	Aug. 27	118.15
Mar. 18	112.20	Dec. 7	116.50	Nov. 30	116.85	Sept. 24	120.40
Apr. 22	116.90	Jan. 18, 1972	113.50	Jan. 24, 1973	109.50	Nov. 29	121.00
May 18	112.00	Apr. 1	112.80				

320657081075701. Local number 36Q5. Formerly 30. GAF Corp. Formerly The Ruberoid Co. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 12 in (30 cm), depth 608 ft (185 m), cased to 234 ft (71 m). Lsd 11.33 ft (3.45 m) above msl. MP hole in pumpbase, 0.20 ft (0.06 m) above lsd. Highest water level 24.81 ft (7.56 m) below lsd, Oct. 11, 1939; lowest 118.20 ft (36.03 m) below lsd, Sept. 23, 1963. Records available: 1938-73.

July 18, 1969	111.15	Sept. 15, 1970	106.00	Nov. 19, 1971	105.70	Nov. 30, 1972	105.20
Aug. 19	114.10	Oct. 21	110.20	Dec. 7	104.60	Jan. 24, 1973	99.20
Sept. 18	109.20	Nov. 18	110.15	Jan. 18, 1972	105.00	Feb. 21	99.45
Oct. 22	107.95	Dec. 2	112.70	Feb. 17	104.90	Mar. 27	98.50
Nov. 19	107.20	Feb. 17, 1971	104.80	Apr. 18	101.20	Apr. 20	102.53
Dec. 12	108.80	Mar. 18	100.40	May 22	102.50	May 24	106.53
Jan. 20, 1970	111.40	May 18	101.40	June 16	104.60	June 20	107.83
Feb. 18	110.25	June 17	109.00	July 13	106.80	July 18	106.43
Mar. 20	110.20	July 13	106.50	Aug. 17	113.00	Aug. 27	106.23
May 20	116.40	Aug. 23	107.00	Sept. 20	112.30	Sept. 24	109.73
June 19	113.15	Sept. 21	103.40	Oct. 19	108.10	Oct. 25	111.43
July 20	107.40	Oct. 19	101.80	Nov. 17	106.70	Nov. 29	111.63
Aug. 21	113.60						

320507081060101. Local number 37Q7. Formerly 63. Southern Marine Supply. McGuire and Indian Sts., Savannah. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 12 in (30 cm), depth 525 ft (160 m), cased to 120 ft (37 m). Lsd 19.30 ft (5.88 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 46.52 ft (14.18 m) below lsd, Oct. 18, 1939; lowest 121.40 ft (37.00 m) below lsd, Aug. 26, 1963. Records available: 1939-69. Well plugged; measurement discontinued. Water levels affected by pumping in the area. Jan. 17, 1969, 108.45; Feb. 19, 110.13; Mar. 17, 111.00; Apr. 22, 94.40.

320603081070201. Local number 37Q6. Formerly 76. Pierpont-Corbett Box Co. Lathrop Ave., Savannah. Drilled unused (previously reported industrial) artesian well in Ocala Limestone of late Eocene age, diam 3 in (8 cm), depth 378 ft (115 m), cased to about 150 ft (46 m). Lsd 12.1 ft (3.7 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 53.26 ft (16.23 m) below lsd, May 8, 1939; lowest 146.20 ft (44.56 m) below lsd, Aug. 17, 1972. Records available: 1939-73.

Jan. 31, 1969	125.90	Mar. 20, 1970	139.70	May 18, 1971	131.70	Aug. 17, 1972	146.20
Feb. 19	132.30	Apr. 17	137.70	June 17	143.15	Sept. 20	144.50
Mar. 17	135.30	May 20	144.50	July 13	140.60	Oct. 19	137.50
Apr. 22	135.10	June 19	141.80	Aug. 23	138.30	Nov. 30	138.80
May 20	138.00	July 20	135.20	Sept. 21	135.00	Jan. 24, 1973	129.00
June 18	139.80	Aug. 21	140.80	Oct. 19	132.40	Mar. 27	128.80
July 18	140.15	Sept. 15	137.00	Nov. 19	138.00	Apr. 20	134.40
Aug. 19	143.80	Oct. 21	138.70	Dec. 7	136.90	May 22	138.60
Sept. 18	137.30	Nov. 18	139.70	Jan. 18, 1972	134.80	June 20	141.50
Oct. 22	135.15	Dec. 2	142.80	Feb. 17	137.80	July 18	140.00
Nov. 19	134.30	Jan. 20, 1971	139.60	Mar. 17	130.30	Aug. 27	141.00
Dec. 12	136.10	Feb. 17	137.25	Apr. 18	131.00	Sept. 24	143.05
Jan. 20, 1970	140.70	Mar. 18	129.00	June 16	136.00	Oct. 25	145.75
Feb. 18	137.90	Apr. 21	137.90	July 13	139.70	Nov. 29	146.00

320443081023701. Local number 37Q17. Formerly 84. Standard Oil Co. Drilled commercial (previously reported industrial) artesian well in Ocala Limestone of late Eocene age, diam 10 in (25 cm), depth 652 ft (199 m), cased to 230 ft (70 m). Lsd 5.6 ft (1.7 m) above ms1. MP hole in pumpbase, 0.50 ft (0.15 m) above lsd. Highest water level 20.75 ft (6.32 m) below lsd, Jan. 4, 1941; lowest 76.80 ft (23.41 m) below lsd, Aug. 17, 1972. Records available: 1940-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 19, 1969	62.90	Apr. 17, 1970	65.70	July 13, 1971	67.85	Sept. 20, 1972	73.90
Mar. 17	65.40	May 19	72.30	Aug. 17	69.15	Oct. 19	74.00
Apr. 22	66.50	June 19	70.95	Sept. 16	73.00	Nov. 29	71.80
May 20	68.50	July 20	68.0	Oct. 19	66.20	Jan. 24, 1973	68.35
June 18	69.30	Aug. 22	70.50	Nov. 18	69.20	Feb. 21	68.25
July 18	71.65	Sept. 15	68.20	Dec. 7	67.60	Mar. 27	67.20
Aug. 19	71.80	Oct. 21	66.10	Jan. 19, 1972	68.00	Apr. 20	69.60
Sept. 19	69.35	Nov. 18	65.50	Feb. 15	65.80	May 23	75.50
Oct. 22	66.95	Dec. 2	65.75	Mar. 17	66.10	June 20	71.95
Nov. 19	65.30	Jan. 25, 1971	66.00	Apr. 18	67.50	July 18	71.60
Dec. 12	65.40	Feb. 17	66.10	May 22	70.70	Aug. 27	74.65
Jan. 20, 1970	66.70	Mar. 18	64.50	June 16	71.35	Sept. 24	74.40
Feb. 17	66.10	May 18	65.90	July 13	74.50	Nov. 26	73.80
Mar. 20	65.95	June 18	69.70	Aug. 17	76.80		

321118081113701. Local number 36R5. Formerly 131. C. E. Oliver Estate. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth about 300 ft (91 m), cased to 40 ft (12 m). Lsd 12.8 ft (3.9 m) above ms1. MP top of 3-in (7.6 cm) cross, 1.50 ft (0.46 m) above lsd. Highest water level 1.28 ft (0.39 m) below lsd, Oct. 26, 1939; lowest 39.70 ft (12.10 m) below lsd, Oct. 19, 1972. Records available: 1938-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 19, 1969	34.60	July 20, 1970	36.50	Oct. 19, 1971	36.40	Oct. 19, 1972	39.70
Mar. 17	35.30	Aug. 21	37.35	Nov. 19	36.40	Nov. 27	38.95
Apr. 22	35.80	Sept. 15	37.10	Dec. 7	36.90	Jan. 24, 1973	37.10
July 18	39.25	Oct. 21	36.90	Jan. 18, 1972	36.85	Feb. 21	36.20
Aug. 19	34.70	Dec. 4	38.50	Apr. 18	36.20	Mar. 27	35.70
Oct. 22	38.80	Feb. 17, 1971	36.40	May 31	35.30	Apr. 20	36.10
Nov. 19	35.90	Mar. 18	35.70	June 16	36.50	May 24	37.20
Dec. 12	36.60	May 18	35.15	July 13	36.80	June 20	37.50
Mar. 20, 1970	36.60	June 17	36.05	Aug. 17	39.20	Aug. 27	36.95
June 19	37.75	Sept. 21	36.10	Sept. 20	39.60		

315948081153601. Local number 35P85. Formerly 213. State Highway Dept. Chevis Rd. (previously reported Burroughs Rd.) and U.S. Highway 17. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 420 ft (128 m), cased to 120 ft (37 m). Lsd 15.55 ft (4.74 m) above ms1. MP top of 3-in (7.6 cm) cross, 0.95 ft (0.29 m) above lsd. Highest water level 2.46 ft (0.75 m) above lsd, Nov. 27, 1940; lowest 31.40 ft (9.57 m) below lsd, Nov. 28, 1973. Records available: 1939-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1969	25.55	Apr. 16, 1970	27.15	July 12, 1971	28.50	Nov. 20, 1972	30.40
Feb. 18	25.35	May 21	28.85	Aug. 16	28.85	Dec. 1	30.15
Mar. 7	25.30	June 17	29.05	Sept. 21	28.65	Jan. 12, 1973	29.15
Apr. 18	26.33	July 20	28.35	Nov. 18	28.55	Feb. 15	28.50
May 20	27.15	Aug. 18	28.85	Dec. 10	28.25	Mar. 27	28.55
June 17	27.35	Sept. 15	28.85	Jan. 18, 1972	27.60	Apr. 19	28.75
July 18	28.40	Nov. 27	28.25	Feb. 15	27.35	May 23	29.75
Aug. 18	28.25	Dec. 9	28.50	Apr. 18	27.85	June 20	30.25
Sept. 15	28.05	Jan. 19, 1971	27.35	May 16	27.65	July 19	30.15
Nov. 18	27.30	Feb. 18	28.05	June 19	28.50	Aug. 27	30.95
Dec. 15	26.95	Mar. 18	27.25	July 12	29.20	Sept. 24	30.85
Jan. 16, 1970	26.60	Apr. 19	28.00	Aug. 14	30.85	Oct. 19	31.25
Feb. 16	27.35	May 18	27.65	Sept. 21	30.65	Nov. 28	31.40
Mar. 19	27.20	June 17	28.65	Oct. 18	31.25		

315826081030201. Local number 37P9. Formerly 269. David Johnson. Isle of Hope. Drilled public-supply artesian well in Ocala Limestone of late Eocene age, diam 8 in (20 cm), depth 521 ft (159 m), cased to 160 ft (49 m). Lsd 9.8 ft (3.0 m) above ms1. MP hole in pumpbase, 1.50 ft (0.46 m) above lsd. Highest water level 9.51 ft (2.90 m) below lsd, Mar. 8, 1939; lowest 49.70 ft (15.15 m) below lsd, Sept. 11, 1972. Records available: 1939-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1969	41.95	Sept. 18, 1970	45.00	Sept. 24, 1971	45.50	Sept. 11, 1972	49.70
Feb. 19	41.00	Nov. 18	43.70	Nov. 18	45.50	Nov. 28	48.00
June 22	46.90	Dec. 2	45.30	Dec. 8	44.30	Feb. 8, 1973	46.10
Sept. 19	45.30	Jan. 25, 1971	43.60	Mar. 30, 1972	44.10	Apr. 25	45.85
Dec. 15	42.70	Mar. 9	44.00	Apr. 28	45.40	June 27	47.50
Mar. 19, 1970	43.95	June 22	45.60	June 26	46.60	July 18	46.60
Aug. 17	46.60	Aug. 23	45.80	July 12	48.00	Nov. 28	48.20

320016081000102. Local number 37Q46. Savannah Inn & Country Club. Wilmington Island. Drilled industrial artesian well in Ocala Limestone of late Eocene age, diam 8 in (20 cm), depth 438 ft (134 m), cased to 248 ft (76 m). Lsd 15.1 ft (4.6 m) above ms1. MP hole in pumpbase, 5.00 ft (1.52 m) below lsd. Highest water level 15.8 ft (4.84 m) below lsd, Jan. 18, 1941; lowest 53.20 ft (16.22 m) below lsd, Nov. 26, 1973. Records available: 1939-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 19, 1969	44.30	May 18, 1970	51.40	Mar. 9, 1971	49.40	Aug. 28, 1972	52.70
June 12	50.90	Aug. 17	48.00	June 22	51.80	Dec. 7	50.20
Sept. 16	49.50	Sept. 18	44.50	Oct. 18	51.30	Feb. 7, 1973	49.30
Dec. 8	44.40	Dec. 7	46.10	Dec. 9	49.00	June 27	52.80
Feb. 18, 1970	49.00	Feb. 17, 1971	48.30	Mar. 30, 1972	51.00	Nov. 26	53.20
Mar. 16	47.50						

320137081132301. Local number 36Q19. Formerly 330. State Highway Dept. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 3 to 2 in (7.6 to 5.1 cm), depth 540 ft (165 m), cased to 400 ft (122 m). Lsd 10.02 ft (3.05 m) above ms1. MP top of casing, 2.54 ft (0.77 m) above lsd. Highest water level 1.81 ft (0.55 m) below lsd, Aug. 11, 1941; lowest 35.61 ft (10.85 m) below lsd, Nov. 30, 1973. Records available: 1941-47, 1949-73.

320137081132301--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1969	29.15	May 21, 1970	33.40	July 12, 1971	32.36	Oct. 18, 1972	35.40
Feb. 18	28.95	June 17	33.40	Aug. 16	32.81	Nov. 20	34.46
Apr. 18	30.70	July 20	33.30	Sept. 21	32.36	Jan. 12, 1973	32.56
May 20	31.55	Aug. 18	33.05	Oct. 19	31.76	Feb. 15	31.96
June 17	31.75	Sept. 15	33.15	Nov. 18	32.36	Mar. 27	31.91
July 17	32.75	Oct. 20	32.80	Dec. 10	32.16	Apr. 19	32.06
Sept. 15	32.30	Nov. 17	32.15	Jan. 18, 1972	31.06	May 23	33.51
Oct. 20	31.70	Dec. 9	32.75	Feb. 15	31.06	June 20	34.01
Nov. 19	31.10	Jan. 19, 1971	31.25	Apr. 18	31.16	July 19	33.56
Dec. 15	30.70	Feb. 18	32.05	May 16	31.46	Aug. 27	34.71
Jan. 16, 1970	30.80	Mar. 18	31.20	June 19	32.61	Sept. 24	34.76
Feb. 16	31.55	Apr. 19	31.06	July 12	33.26	Oct. 19	35.11
Mar. 19	31.00	May 18	31.46	Aug. 15	35.56	Nov. 30	35.61
Apr. 16	30.85	June 17	32.51	Sept. 21	34.91		

315950081161201. Local number 35P94. Formerly 343. U.S. Dept. of Agriculture. Barbour Lathrop Plant Introduction Station. Dug (previously reported drilled) observation water-table well in sediments of Pleistocene and Holocene age; diam 30 in (76 cm), previously reported 6 in (15 cm); depth 15 ft (5 m); cased with concrete pipe (previously reported tile) to 15 ft (5 m). Lsd 18.67 ft (5.69 m) above msl. MP iron bracket on recorder shelter, 3.30 ft (1.01 m) above lsd. Highest water level 0.05 ft (0.02 m) below lsd, Sept. 26, 1953; lowest 12.28 ft (3.74 m) below lsd, Nov. 30, 1972. Records available: 1942-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.06	6.66	6.63	4.85	6.49	5.39	4.91	3.17	2.15	3.27	3.07	4.98
10	7.11	7.02	5.19	5.22	7.04	5.46	5.16	3.89	2.79	3.67	3.54	4.43
15	7.32	7.13	5.35	5.59	7.08	4.21	....	1.74	3.30	4.10	3.89	3.90
20	7.30	6.61	5.48	5.33	4.80	3.88	....	1.82	3.22	4.42	4.50	4.23
25	6.72	6.52	4.14	4.14	4.78	4.62	5.01	1.72	3.35	4.75	4.45	4.37
Eom	6.48	6.61	4.54	4.54	4.90	5.31	5.52	1.95	3.77	5.12	4.67	4.32
1970												
5	4.43	3.64	4.26	3.34	4.79	3.64	4.23	5.15	3.60	5.11	5.50	7.01
10	3.74	3.87	3.27	3.01	5.20	4.21	4.82	3.71	4.19	4.85	5.77	7.26
15	3.69	4.21	3.64	3.41	5.65	4.26	3.88	3.98	4.38	5.02	6.00	7.44
20	3.79	3.83	3.99	3.63	5.98	4.20	4.44	4.55	3.92	4.91	6.24	....
25	3.82	4.07	3.20	3.99	6.22	3.33	....	....	4.50	4.79	6.51	....
Eom	4.12	4.09	2.34	4.38	4.01	3.56	4.24	....	4.72	5.20	6.72	6.63
1971												
5	5.74	5.13	4.26	....	5.24	6.90	5.20	3.07	2.35	4.67	3.28	3.48
10	4.27	4.94	4.48	4.18	5.59	7.42	4.57	3.65	2.79	4.96	3.73	3.64
15	4.31	....	4.61	4.64	5.83	7.41	3.93	3.38	3.03	5.07	4.11	3.96
20	4.51	4.37	4.72	5.05	5.72	5.39	4.61	1.97	3.39	5.31	4.37	4.28
25	4.74	3.92	4.99	4.97	6.10	4.79	3.48	2.23	3.77	4.97	4.71	3.58
Eom	4.92	4.07	4.53	5.27	6.42	5.45	2.20	.93	4.22	5.33	4.65	3.96
1972												
5	4.04	2.71	3.55	3.99	5.76	7.38	7.80	10.64	10.34	11.35	11.96	12.21
10	4.27	2.78	3.84	4.35	6.10	7.78	8.30	10.67	10.64	11.43	11.05	11.91
15	3.97	2.77	4.13	4.63	6.38	8.15	8.67	10.23	10.79	11.53	12.12	11.83
20	3.77	2.78	3.65	4.96	6.67	7.69	9.94	10.56	10.96	11.67	12.18	11.78
25	3.41	3.18	4.02	5.23	6.96	6.61	10.21	10.73	11.10	11.69	12.26	11.71
Eom	3.57	3.26	4.05	5.50	7.05	7.13	10.47	10.37	11.22	11.90	12.28	11.84
1973												
5	11.80	6.05	5.00	2.22	4.34	8.20	8.42	6.30	6.49	4.48	8.47	9.85
10	....	....	3.18	4.03	4.68	8.54	7.83	5.45	7.18	5.43	8.82	9.99
15	9.57	3.96	3.55	4.63	5.17	6.58	6.40	6.01	....	6.08	9.02	10.05
20	9.38	....	3.94	4.06	5.81	6.89	6.92	5.31	6.40	6.78	9.29	9.71
25	9.12	4.75	4.31	4.50	6.61	7.16	7.57	5.23	6.08	7.43	9.50	9.77
Eom	7.31	4.78	3.60	3.74	7.64	7.78	8.03	6.07	3.84	8.00	9.71	9.36

320043080583701. Local number 38Q190. City of Savannah. Wilmington Island. Drilled public-supply artesian well in Ocala Limestone of late Eocene age, diam 10 in (25 cm), depth 474 ft (144 m), cased to 147 ft (45 m). Lsd 5.8 ft (1.8 m) above msl. MP hole in pumpbase, 3.50 ft (1.07 m) above lsd. Highest water level 29.10 ft (8.87 m) below lsd, Dec. 13, 1965; lowest 37.90 ft (11.55 m) below lsd, Oct. 19, 1973. Records available: 1962, 1965-73. No measurement made in 1963-64. Water levels affected by pumpage in the area.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 7, 1962	30.00	Sept. 16, 1969	33.90	Jan. 25, 1971	32.95	Apr. 28, 1972	34.60
June 24, 1965	31.10	Dec. 8	32.70	Feb. 17	33.40	June 16	35.60
Dec. 13	29.10	Feb. 18, 1970	33.00	Mar. 9	33.00	July 12	36.50
June 23, 1966	30.60	Mar. 16	32.70	June 22	34.80	Aug. 28	37.50
Dec. 5	30.70	Apr. 17	32.70	July 13	34.60	Feb. 7, 1973	34.50
Nov. 27, 1967	30.70	May 18	35.20	Aug. 23	35.00	Apr. 16	34.60
Dec. 4, 1968	32.30	June 15	35.50	Oct. 18	34.30	June 27	36.60
Feb. 2, 1969	30.90	Aug. 17	34.75	Dec. 9	34.10	Oct. 19	37.90
June 12	34.00	Sept. 18	34.70	Mar. 30, 1972	33.10	Nov. 26	37.50
July 29	35.70	Dec. 7	33.85				

Chattahoochee County

322036084590301. Local number 6S1. Formerly 9. U.S. Army. Fort Benning. Drilled unused artesian well in Blufftown and Eutaw Formations and Tuscaloosa Group of Late Cretaceous age, diam 12 in (30 cm), depth 568 ft (173 m), screened 215-220 ft (66-67 m), 230-235 ft (70-72 m), 280-290 ft (85-88 m), 540-550 ft (165-168 m). Lsd 255 ft (78 m) above msl. MP floor of recorder shelter, 1.90 ft (0.58 m) above lsd. Highest water level 0.37 ft (0.11 m) above lsd, Apr. 10, 1964; lowest 29.73 ft (9.06 m) below lsd, Sept. 10, 1958. Records available: 1950-73.

## Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.99	4.00	3.92	3.81	3.65	3.57	3.89	3.89	4.06	3.95	4.12	4.17
10	3.99	3.90	3.83	3.75	3.62	3.60	3.94	3.93	4.08	3.99	4.11	3.98
15	4.07	3.81	3.92	3.71	3.59	3.65	3.93	3.97	4.15	4.01	4.21	4.14
20	3.95	3.89	3.82	3.18	3.41	3.69	3.90	3.96	4.15	4.08	4.20	4.17
25	3.98	3.89	3.67	3.54	3.50	3.78	3.90	4.03	3.88	....	....	3.99
Eom	3.99	3.86	3.82	3.61	3.57	3.84	3.92	4.07	3.87	4.10	....	3.98

1970

5	....	3.97	3.92	4.15	4.30	4.15	4.39	4.39	4.54	4.81	4.65	4.82
10	....	3.91	4.37	4.25	4.29	4.16	4.45	4.39	4.58	4.78	4.61	4.84
15	....	....	4.46	4.28	4.34	4.24	4.60	4.48	4.62	4.82	4.61	4.85
20	....	....	4.40	4.25	4.38	4.26	4.52	4.50	4.62	4.98	4.60	4.65
25	....	....	3.86	4.27	4.36	4.26	4.48	4.50	4.71	4.78	4.76	4.59
Eom	4.02	....	4.16	4.25	4.48	4.40	4.46	4.55	4.75	4.65	4.78	4.50

1971

5	4.45	4.34	3.30	3.99	4.18	4.28	4.29	4.30	4.52	4.66	4.94	4.82
10	4.38	4.28	....	4.14	4.21	4.27	4.31	4.35	4.54	4.69	4.95	4.79
15	4.41	4.30	....	4.15	4.08	4.23	4.29	4.39	4.62	4.78	4.98	4.82
20	4.49	4.28	....	4.17	4.08	4.28	4.32	4.44	4.52	4.84	4.95	4.79
25	4.33	....	....	4.11	4.15	4.29	4.41	4.42	4.59	4.83	5.02	4.88
Eom	4.33	4.21	....	4.07	4.15	4.33	4.33	4.49	4.62	4.90	4.90	4.83

1972

5	4.73	4.63	4.50	4.71	4.98	4.96	4.98	5.12	5.45	5.63	5.71	5.67
10	4.69	4.57	4.63	4.76	4.94	5.03	5.09	5.20	5.55	5.73	5.67	5.49
15	4.15	4.49	4.56	4.79	4.84	5.10	5.13	5.23	5.56	5.73	5.67	5.45
20	4.53	4.64	4.61	4.84	4.78	4.88	5.21	5.30	5.61	5.83	5.68	5.39
25	4.59	4.59	4.68	4.84	4.84	4.93	5.18	5.36	5.65	5.74	5.59	5.17
Eom	4.55	4.64	4.64	4.91	4.86	4.88	5.15	5.41	5.54	5.70	5.64	5.33

1973

5	5.25	4.93	5.14	4.77	5.03	5.06	5.35	5.46	5.76	5.82	6.02	5.97
10	5.10	4.93	5.14	4.54	4.99	5.07	5.32	5.49	5.79	5.87	6.13	6.04
15	5.27	4.97	4.99	4.98	5.12	5.10	5.33	5.50	5.68	5.92	6.06	5.99
20	5.27	5.06	4.83	5.03	5.11	5.14	5.34	5.53	5.78	5.98	6.07	5.95
25	5.12	5.14	4.92	4.94	5.03	5.20	5.45	5.67	5.83	6.00	5.96	6.05
Eom	5.18	5.17	4.92	4.93	4.92	5.33	5.45	5.73	5.85	5.92	6.08	5.82

Clay County

313600085030001. Local number 5L1. U.S. Corps of Engineers. Drilled observation artesian well in Clayton Limestone of Paleocene age, diam 3 in (7.6 cm), depth 120 ft (37 m), cased to 44 ft (13 m). Lsd 146.7 ft (44.7 m) above msl. MP top of floor of recorder shelter, 2.70 ft (0.82 m) above lsd. Highest water level 18.40 ft (5.61 m) below lsd, Apr. 10, 1973; lowest 35.88 ft (10.94 m) below lsd, Aug. 17, 1963. Records available: 1957-73.

## Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	31.96	31.28	28.60	28.69	.....	30.45	31.29	30.59	30.80	31.68	31.40	31.42
10	31.50	31.31	29.62	29.60	.....	30.21	31.15	31.27	30.76	31.25	30.90	31.73
15	31.85	31.18	28.10	29.13	.....	30.89	31.20	31.47	30.65	31.30	31.73	30.73
20	31.65	30.20	30.00	.....	.....	29.07	31.50	31.25	31.36	31.12	31.65	30.45
25	32.10	29.22	32.85	.....	.....	31.23	31.20	31.13	31.52	31.79	31.20	31.73
Eom	31.14	29.23	30.34	.....	.....	31.30	31.48	31.57	30.88	31.00	31.94	31.76

1970

5	31.03	30.45	29.95	.....	.....	29.05	30.64	30.84	29.47	30.95	30.35	31.50
10	31.73	30.45	29.97	.....	.....	29.50	30.69	30.70	29.75	31.54	30.62	30.80
15	30.73	31.43	30.79	.....	29.59	30.10	30.82	30.53	30.55	30.24	31.35	31.74
20	30.45	29.85	29.50	.....	29.80	30.39	30.60	30.00	30.94	30.75	29.77	31.10
25	30.73	30.10	.....	.....	29.97	29.50	30.80	30.35	30.40	31.35	29.75	31.13
Eom	31.76	31.12	.....	.....	30.02	30.51	29.95	30.53	30.80	31.24	30.90	29.65

1971

5	28.34	29.40	.....	23.86	23.50	28.72	29.40	27.50	30.05	.....	.....	.....
10	30.54	27.83	.....	26.48	22.18	28.70	29.50	27.80	29.70	.....	.....	28.56
15	28.65	29.17	.....	25.36	21.92	28.65	28.70	29.54	.....	.....	.....	29.10
20	29.23	29.15	.....	26.63	26.75	29.06	28.65	28.28	.....	.....	30.94	29.10
25	29.95	27.36	27.94	27.60	27.17	29.18	29.73	28.75	.....	.....	31.05	30.35
Eom	30.81	27.90	28.93	25.13	28.45	29.35	27.95	29.08	.....	.....	29.66	29.07

1972

5	28.80	.....	26.55	28.24	29.84	.....	.....	30.83	30.44	31.29	32.09	30.79
10	28.60	26.57	27.65	28.80	30.97	.....	.....	30.95	31.42	31.00	31.61	31.21
15	19.40	27.45	27.68	29.65	.....	.....	.....	31.10	31.33	31.98	31.78	29.78
20	.....	29.24	28.10	29.91	.....	.....	.....	31.21	31.39	31.68	31.79	29.41
25	.....	27.45	29.34	30.10	.....	.....	.....	31.13	31.75	30.85	31.77	28.79
Eom	.....	27.80	27.90	30.00	.....	.....	.....	31.20	31.57	31.96	30.97	30.36

313600085030001--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.80	28.78	28.94	19.62	25.76	25.95	28.80	29.72	30.01	.....	30.95	30.79
10	28.77	28.77	28.21	18.40	25.40	27.16	28.15	28.79	30.38	.....	31.33	30.76
15	29.19	26.45	27.57	.....	27.18	26.20	29.08	29.26	30.41	30.58	30.78	.....
20	30.19	27.08	26.00	.....	27.58	26.49	29.21	29.79	.....	31.03	31.00	.....
25	26.44	28.20	27.68	25.12	26.63	26.96	29.24	30.12	.....	31.15	31.38	.....
Eom	28.80	27.56	27.76	24.05	23.72	28.36	29.16	29.18	.....	30.88	30.79	.....

Clayton County

333588084223801. Local number 10CC1. Formerly 27. Mrs. G. H. Finley. Drilled unused water-table well in granite, diam 6 in (15 cm), depth 200 ft (61 m), cased to 200 ft (61 m). Lsd 932 ft (284 m) above msl. MP top of 5-in (13 cm) casing, 0.40 ft (0.12 m) above lsd. Highest water level 23.49 ft (7.16 m) below lsd, May 19, 1964; lowest 55.17 ft (16.82 m) below lsd, Dec. 23, 1948. Records available: 1943-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 28, 1969	26.86	Oct. 15, 1970	31.29	May 24, 1972	28.73	May 31, 1973	26.13
Oct. 21	29.13	May 18, 1971	27.51	Nov. 9	31.08	Oct. 18	28.14
June 9, 1970	29.54	Oct. 13	30.14				

Cobb County

335010084281801. Local number 10EE2. Formerly 21. Mrs. Dot Gaines. Oakdale. Drilled domestic water-table well in biotite gneiss, diam 6 in (15 cm), depth 85 ft (26 m), cased to 40 ft (12 m). Lsd 858 ft (262 m) above msl. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 26.95 ft (8.21 m) below lsd, June 1, 1973; lowest 36.60 ft (11.16 m) below lsd, Dec. 10, 1956. Records available: 1943-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 27, 1969	28.16	Oct. 15, 1970	31.16	May 24, 1972	27.69	June 1, 1973	26.95
Oct. 21	29.39	May 18, 1971	29.55	Nov. 9	31.17	Oct. 18	28.65
June 9, 1970	29.06	Oct. 13	29.37				

335038084295301. Local number 10EE4. Formerly 71. D. W. Cook. Oakdale. Drilled domestic water-table well in biotite gneiss, diam 6 in (15 cm), depth 109 ft (33 m), cased to 40 ft (12 m). Lsd 975 ft (297 m) above msl. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 51.09 ft (15.57 m) below lsd, June 1, 1973; lowest 59.14 ft (18.03 m) below lsd, May 14, 1958. Records available: 1943-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 28, 1969	51.58	Oct. 15, 1970	54.26	May 24, 1972	51.75	June 1, 1973	51.09
Oct. 21	53.49	May 18, 1971	51.76	Nov. 9	53.78	Oct. 18	52.77
June 9, 1970	53.17	Oct. 13	52.77				

335848084335201. Local number 9FF1. Formerly 85. R. E. Morris, Jr. Formerly F. J. Mulkey. Drilled unused water-table well in biotite gneiss, diam 6 in (15 cm), depth 51 ft (16 m), casing information not available. Lsd 1,100 ft (335 m) above msl. MP top of 6¼-in (16 cm) coupling, 0.30 ft (0.09 m) above lsd. Highest water level 11.38 ft (3.47 m) below lsd, Feb. 28, 1946; lowest 47.42 ft (14.45 m) below lsd, Aug. 25, 1948. Records available: 1943-51, 1953-54, 1956-71. Well destroyed; measurement discontinued. May 28, 1969, 19.24; Oct. 21, 20.13; June 9, 1970, 19.75; Oct. 15, 19.65; May 18, 1971, 15.52; Oct. 13, 17.99.

Dawson County

342125084083301 (revised). Local number 13KK1. Lockheed. Drilled test water-table well in quartzite and mica schist, diam 6 in (15 cm), depth 399 ft (122 m), cased to 80 ft (24 m). Lsd 1,048.82 ft (319.68 m) above msl. MP floor of recorder shelter, 2.90 ft (0.88 m) above lsd. Highest water level 19.29 ft (5.88 m) below lsd, Apr. 8, 1964; lowest 29.55 ft (9.01 m) below lsd, Dec. 28, 1965. Records available: 1963-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.35	25.36	26.10	25.96	25.63	26.20	27.10	27.65	27.04	27.70	.....	28.35
10	27.60	25.46	25.97	25.70	25.49	26.44	27.38	28.00	27.34	27.82	.....	28.11
15	27.59	25.71	26.00	24.94	25.93	26.41	27.47	27.90	27.39	.....	.....	28.13
20	24.72	25.84	25.66	24.86	25.47	26.60	27.48	26.83	27.56	.....	.....	28.25
25	26.28	25.73	25.43	25.16	25.81	26.84	27.30	26.20	27.29	.....	28.19	28.19
Eom	26.43	25.80	25.74	25.48	26.27	27.11	27.20	26.80	27.48	.....	28.22	27.25
1970												
5	27.72	27.48	27.60	26.35	26.45	26.86	28.17	28.69	28.84	29.28	28.25	28.62
10	27.77	27.53	27.87	26.67	26.76	27.20	28.18	28.15	29.05	29.32	28.39	28.69
15	27.82	27.58	27.85	26.69	26.82	27.42	28.49	28.66	29.28	28.25	28.43	28.81
20	27.63	27.60	26.35	26.73	27.02	27.69	28.60	28.59	29.14	28.94	28.40	28.82
25	27.81	27.57	26.56	26.94	27.26	27.67	28.39	28.81	29.36	28.79	28.35	28.58
Eom	27.43	27.63	26.74	26.45	27.17	28.03	28.64	29.05	29.44	28.01	28.56	28.68



342125084083301--Continued.

1971												
Day	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.55	26.57	24.54	25.17	25.63	26.70	27.56	25.73	27.30	.....	.....	27.09
10	27.87	26.65	24.42	25.39	25.83	26.87	27.47	26.29	27.37	.....	.....	26.14
15	27.94	26.80	24.28	25.65	25.84	26.88	27.56	26.28	.....	.....	.....	26.39
20	28.01	26.75	24.32	25.67	25.83	27.17	27.76	26.69	.....	.....	.....	26.14
25	26.94	26.28	24.41	25.56	26.31	27.26	26.90	26.81	.....	.....	27.75	26.08
Eom	27.35	26.13	25.17	25.54	26.41	27.27	26.48	27.09	.....	.....	27.74	26.21
1972												
5	23.97	.....	25.08	24.98	25.71	25.50	26.10	26.70	27.84	28.37	28.26	27.57
10	26.80	.....	25.07	25.05	25.70	25.74	26.49	27.10	28.05	28.59	27.85	27.55
15	26.04	24.53	24.83	25.40	24.51	25.98	26.58	27.17	28.07	28.55	27.61	24.85
20	.....	24.67	25.19	25.36	24.84	25.84	26.56	27.44	28.22	28.67	27.27	.....
25	.....	24.74	24.81	25.45	25.04	26.24	26.85	27.72	28.34	28.57	27.44	.....
Eom	.....	25.07	24.86	25.69	25.33	26.32	26.39	27.73	28.19	28.43	27.38	.....
1973												
5	.....	24.81	25.53	24.40	24.39	23.95	25.01	25.84	26.72	26.65	27.39	27.03
10	.....	24.84	25.19	23.65	23.36	23.90	25.28	26.08	26.98	26.97	27.59	26.99
15	25.84	24.86	25.04	24.25	24.05	24.30	25.54	26.28	26.27	27.00	27.51	27.13
20	25.51	25.13	24.43	24.37	23.84	24.45	25.47	26.10	26.40	27.10	27.64	27.15
25	.....	.....	24.41	23.70	23.86	24.49	25.54	26.45	26.77	27.34	27.45	27.20
Eom	25.51	25.57	23.48	23.94	23.60	25.00	25.82	26.63	26.75	27.27	27.14	25.98

De Kalb County

334444084154101. Local number 11DD3. Formerly 29. Mrs. A. H. Daniel. Glenwood Rd. and Columbia Dr., Decatur. Drilled unused water-table well in gneiss, diam 6 in (15 cm), depth 111 ft (34 m), casing information not available. Lsd 1,002 ft (305 m) above msl. MP edge of concrete cover, 1.00 ft (0.30 m) above lsd. Highest water level 34.93 ft (10.65 m) below lsd, May 18, 1967; lowest 46.97 ft (14.32 m) below lsd, May 22, 1968. Records available: 1944-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 28, 1969	37.36	Oct. 15, 1970	38.69	May 24, 1972	37.18	May 31, 1973	36.75
Oct. 21	38.08	May 18, 1971	36.89	Nov. 9	38.40	Oct. 18	37.35
June 9, 1970	37.84	Oct. 13	37.99				

334216084163301. Local number 11DD4. Formerly 34. Lawrence G. Mitchell. Candler and Flat Shoals Rds., Panthersville. Drilled unused water-table well in gneiss, diam 5 in (13 cm), depth 72 ft (22 m), casing information not available. Lsd 877 ft (267 m) above msl. MP top of casing, 1.90 ft (0.58 m) above lsd. Highest water level 37.99 ft (11.58 m) below lsd, Oct. 7, 1966; lowest 51.24 ft (15.62 m) below lsd, Dec. 21, 1954. Records available: 1944-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 28, 1969	47.63	Oct. 15, 1970	50.65	May 24, 1972	48.99	May 31, 1973	46.37
Oct. 21	48.53	May 18, 1971	49.27	Nov. 9	49.77	Oct. 18	46.64
June 9, 1970	50.20	Oct. 13	49.25				

334458084152001. Local number 11DD2. Formerly 39. C. R. Donaldson. Decatur. Drilled unused water-table well in gneiss, diam 6 in (15 cm), depth 82 ft (25 m), casing information not available. Lsd 986 ft (301 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 34.39 ft (10.48 m) below lsd, Feb. 26, 1946; lowest 41.46 ft (12.64 m) below lsd, Dec. 21, 1954. Records available: 1944-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 28, 1969	36.30	Oct. 15, 1970	41.25	May 24, 1972	38.13	May 31, 1973	35.74
Oct. 21	39.28	May 18, 1971	37.53	Nov. 9	39.72	Oct. 18	38.21
June 9, 1970	40.06	Oct. 13	39.05				

334411084160801. Local number 11DD1. Formerly 40. Crestfield Insurance Co. Glenwood and Candler Rds., Decatur. Drilled domestic water-table well in granite, diam 8 in (20 cm), depth 281 ft (86 m), cased to 35 ft (11 m). Lsd 923 ft (281 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 1.20 ft (0.37 m) below lsd, Oct. 17, 1968; lowest 15.15 ft (4.62 m) below lsd, Aug. 4, 1949. Records available: 1944-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 28, 1969	3.59	Oct. 15, 1970	1.75	May 24, 1972	1.50	May 31, 1973	1.42
Oct. 21	1.43	May 18, 1971	1.68	Nov. 9	1.74	Oct. 18	1.38
June 9, 1970	3.97	Oct. 13	1.99				

Dougherty County

313552084062601. Local number 13L2. City of Albany. Drilled unused artesian municipal well in Clayton Limestone of Paleocene age, diam 12 to 8 in (30 to 20 cm), depth 760 ft (232 m), cased to 713 ft (217 m). Lsd 212.84 ft (64.87 m) above msl. MP floor of recorder shelter, 3.20 ft (0.98 m) above lsd. Highest water level 38.19 ft (11.64 m) below lsd, Apr. 1, 1959; lowest 108.77 ft (33.15 m) below lsd, Sept. 25, 1972. Records available: 1964-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	77.02	75.53	77.70	81.55	84.15	.....	91.40	91.87	93.34	89.89	88.08
10	.....	77.50	75.61	77.81	83.19	86.27	.....	92.67	92.55	93.51	90.44	86.13
15	.....	78.42	76.18	77.79	83.94	88.10	.....	92.71	93.13	94.41	89.89	85.44
20	.....	77.61	77.59	77.69	82.21	89.95	.....	92.11	94.60	92.04	89.07	84.63
25	.....	76.57	77.21	80.55	84.52	98.23	.....	92.95	93.45	91.44	88.78	.....
Eom	78.39	76.37	77.52	80.96	82.71	102.40	92.37	93.11	94.07	90.59	88.54	.....

313552084062601--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	83.27	85.56	84.90	85.78	95.50	96.90	101.50	94.35	100.35	104.45	100.05	96.05
10	83.64	85.63	85.30	86.86	98.65	98.50	103.70	95.50	100.35	104.07	98.25	95.36
15	86.73	85.10	85.66	86.54	103.39	98.54	102.07	94.55	100.92	104.34	97.00	96.39
20	86.01	85.27	85.94	88.80	102.90	101.40	100.19	97.27	103.80	102.73	95.87	95.65
25	86.77	83.77	81.58	91.40	104.85	101.85	99.15	98.70	106.10	97.80	95.79	95.03
Eom	86.02	84.50	85.40	94.90	98.79	100.20	94.85	98.31	104.35	99.95	95.00	92.94
1971												
5	92.50	86.87	84.21	84.99	89.13	92.94	94.40	95.65	94.70	96.02	94.77	91.66
10	92.45	86.49	85.64	84.29	88.80	95.20	94.90	95.45	95.70	96.95	94.40	92.35
15	91.34	85.49	86.26	86.37	90.11	95.55	96.50	94.77	97.51	99.05	93.65	92.09
20	89.94	85.39	86.28	89.34	89.75	94.67	96.15	93.45	97.34	97.45	94.02	91.85
25	88.87	85.08	85.65	89.27	89.77	94.65	95.82	93.00	98.28	95.90	93.46	91.19
Eom	87.65	84.51	84.90	89.66	88.86	94.96	95.66	93.66	98.03	95.16	91.98	90.45
1972												
5	89.93	88.60	86.45	86.27	99.41	100.12	101.36	101.48	103.64	104.93	101.94	95.31
10	89.85	88.13	86.72	87.63	98.74	106.60	101.52	103.23	104.64	104.15	100.02	93.99
15	89.98	87.51	86.92	88.29	96.30	107.67	102.85	103.49	105.61	104.36	99.14	93.37
20	90.55	87.16	87.89	92.45	95.68	105.40	101.67	103.23	107.56	104.54	98.54	92.15
25	90.05	86.75	87.40	93.44	96.07	104.47	101.53	104.45	108.77	103.36	97.06	91.64
Eom	89.09	86.76	86.60	95.62	95.74	101.01	101.54	102.88	107.23	101.82	96.70	89.78
1973												
5	88.73	86.59	85.83	84.46	.....	.....	.....	103.16	106.45	105.14	103.22	96.64
10	87.97	86.37	85.65	84.46	.....	.....	.....	102.74	107.82	105.67	101.84	96.37
15	87.93	86.21	86.02	85.43	.....	.....	.....	102.83	105.18	105.64	100.58	95.35
20	87.52	86.02	85.97	.....	.....	.....	.....	102.35	105.22	105.97	100.24	94.51
25	87.42	86.05	85.69	.....	.....	.....	.....	103.26	103.98	106.22	105.85	98.97
Eom	86.84	85.51	85.50	.....	.....	.....	.....	104.68	107.25	105.82	104.08	97.16

313748084002901. Local number 13L3. U.S. Government. Marine Corps Supply Center. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 6 in (15 cm), depth 259 ft (79 m), cased to 206 ft (63 m). Lsd 225 ft (69 m) above msl. MP floor of recorder shelter, 4.10 ft (1.25 m) above lsd. Highest water level 17.52 ft (5.34 m) below lsd, Mar. 30, 1965; lowest 48.66 ft (14.83 m) below lsd, Sept. 9, 1957. Records available: 1964-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	42.50	42.96	42.50	39.82	40.19	40.47	41.73	41.91	42.02	41.56	42.60	43.49
10	42.64	43.05	42.13	40.02	40.48	40.62	41.97	41.59	42.23	41.72	42.70	43.20
15	42.77	42.56	41.91	39.99	40.69	40.78	42.22	41.73	42.34	41.94	42.99	43.45
20	43.00	42.43	41.29	40.11	40.36	41.02	42.31	41.92	42.47	42.14	43.10	43.47
25	43.00	42.35	40.40	39.27	39.93	41.23	42.33	41.85	41.77	42.32	43.23	.....
Eom	42.94	42.34	39.70	39.85	40.21	41.51	42.37	41.76	41.43	42.40	43.29	.....
1970												
5	43.57	.....	.....	34.50	36.27	33.91	33.80	34.91	33.24	35.07	36.24	37.51
10	43.28	.....	.....	34.90	36.48	33.10	34.13	35.06	33.56	35.31	36.45	37.75
15	43.23	.....	.....	35.18	36.81	33.13	34.50	34.42	32.90	35.57	36.69	37.42
20	43.38	.....	41.04	35.37	37.01	33.17	34.73	34.34	34.15	35.76	36.79	37.85
25	.....	.....	39.03	35.64	37.11	33.30	34.74	34.34	34.49	35.94	37.09	37.72
Eom	.....	.....	37.23	35.95	36.47	33.65	34.70	33.36	34.74	36.14	37.26	37.86
1971												
5	37.74	36.56	30.59	27.04	27.23	28.80	28.79	27.59	27.15	29.34	31.49	32.34
10	36.48	35.84	28.32	26.77	27.39	28.71	28.39	.....	27.39	29.59	31.71	31.86
15	36.05	34.50	28.71	26.96	27.33	28.73	27.90	.....	27.88	30.06	32.09	31.34
20	36.39	34.47	29.19	27.35	27.46	28.57	27.77	26.58	28.22	30.40	32.35	31.13
25	36.29	34.06	29.37	27.90	27.78	28.61	27.50	26.97	28.55	30.70	32.69	29.69
Eom	36.32	33.82	27.55	27.97	28.27	28.97	27.18	27.04	28.92	31.10	32.90	29.67
1972												
5	29.80	27.74	25.02	.....	26.65	28.98	27.65	29.25	31.21	33.25	34.64	35.83
10	29.59	.....	25.03	.....	27.00	29.37	27.39	29.72	31.64	33.67	34.83	35.07
15	28.29	.....	25.12	24.50	27.29	29.79	27.78	30.04	31.86	33.71	35.08	35.25
20	26.71	.....	25.37	25.04	27.67	29.68	28.14	30.27	32.36	34.10	35.27	35.32
25	27.50	.....	25.15	25.50	28.15	29.81	28.49	30.60	32.69	34.19	35.17	34.98
Eom	27.77	.....	25.09	26.10	28.55	28.40	28.95	30.94	32.88	34.50	35.48	35.33
1973												
5	33.96	28.22	25.88	21.65	19.17	21.51	20.73	24.65	27.57	29.86	31.92	33.46
10	33.28	27.11	26.28	19.97	19.66	21.77	21.51	25.00	27.97	30.23	32.38	33.68
15	32.68	25.37	26.56	19.93	20.34	22.13	22.29	.....	28.39	30.60	32.43	33.86
20	.....	24.93	25.95	20.73	20.99	19.91	22.95	.....	28.84	30.98	32.77	33.82
25	.....	25.41	25.79	21.20	21.75	19.47	23.67	.....	29.15	31.31	32.90	33.50
Eom	31.00	25.74	25.64	18.85	21.73	20.09	24.16	27.14	29.47	31.53	33.40	33.48

## Evans County

320944081541101. Local number 30R1. City of Claxton. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 12 in (30 cm), depth 701 ft (214 m), cased to 401 ft (122 m). Lsd 165 ft (50 m) above msl. MP top of hole in pumpbase, 0.80 ft (0.24 m) above lsd. Highest water level 115.35 ft (35.16 m) below lsd, Oct. 11, 1965, May 9, 1966. Lowest 124.30 ft (37.89 m) below lsd, Oct. 11, 1972, Oct. 10, 1973. Records available: 1963-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 15, 1969	121.10	Oct. 5, 1970	122.30	May 24, 1972	122.50	May 15, 1973	123.60
Oct. 10	121.40	May 11, 1971	122.40	Oct. 11	124.30	Oct. 10	124.30
May 14, 1970	122.00	Oct. 13	123.60				

Fulton County

334038084262001. Local number 10DD1. Formerly 26. O'Neil Bros. East Point. Drilled unused water-table well in biotite gneiss; diam 10 in (25 cm); depth 298 ft (91 m), previously reported 350 ft (107 m); cased to 49 ft (15 m). Lsd 1,038 ft (316 m) above msl. MP hole in floor of recorder shelter, 2.10 ft (0.64 m) above lsd. Highest water level 12.85 ft (3.92 m) below lsd, Apr. 11, 1948; lowest 25.06 ft (7.64 m) below lsd, Feb. 10, 1944. Records available: 1943-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.97	17.40	16.85	16.37	15.90	15.34	16.57	17.29	17.87	18.32	18.50	19.02
10	18.01	17.22	16.65	16.30	15.49	15.52	16.77	17.43	18.00	18.29	18.67	18.80
15	18.11	17.10	16.75	16.25	15.30	15.68	16.98	17.58	18.15	18.43	18.72	18.97
20	17.90	16.95	16.50	15.83	15.23	15.92	17.07	17.36	18.30	18.53	18.69	19.07
25	17.68	16.83	16.38	15.79	15.17	16.15	17.12	17.51	.....	18.60	18.82	18.97
Eom	17.58	16.78	16.39	15.80	15.16	16.39	17.31	17.73	18.11	18.63	18.89	18.89

1970

5	18.95	18.22	17.69	16.70	16.70	17.10	17.91	18.67	19.19	19.59	19.00	19.11
10	18.79	.....	17.78	16.79	16.75	17.20	18.09	18.78	19.05	19.67	19.01	19.25
15	18.73	.....	17.90	16.89	16.89	17.36	18.29	18.95	19.21	19.68	18.96	19.36
20	18.65	.....	.....	16.89	17.01	17.50	18.44	19.04	19.31	19.77	18.88	19.32
25	18.67	.....	.....	16.97	17.10	17.60	18.42	19.04	19.40	19.50	18.92	19.33
Eom	18.45	17.76	16.91	16.91	17.29	17.81	18.53	19.20	19.45	19.09	19.01	19.43

1971

5	18.99	17.90	16.63	15.87	16.25	16.83	17.38	16.74	17.10	17.76	18.62	18.95
10	.....	17.63	16.50	15.97	16.40	16.99	17.30	16.69	17.24	17.88	18.74	18.63
15	.....	.....	16.37	16.02	16.36	17.11	17.32	16.71	17.48	18.06	18.88	18.72
20	.....	.....	16.24	16.11	16.38	17.18	.....	16.80	17.30	18.22	18.96	18.68
25	18.20	17.12	16.10	16.14	16.54	17.31	.....	16.77	17.49	18.34	19.12	18.72
Eom	17.99	17.00	15.94	16.20	16.66	.....	17.01	16.94	17.61	18.53	19.17	18.80

1972

5	.....	17.17	16.72	16.88	17.30	17.70	18.11	18.69	19.29	19.94	20.33	20.09
10	.....	.....	16.70	16.89	17.40	17.82	18.22	18.79	19.43	20.08	20.30	20.07
15	.....	.....	16.64	16.86	17.20	18.01	18.33	18.85	19.52	20.13	20.30	19.89
20	.....	.....	16.64	.....	17.27	17.96	18.45	18.94	19.63	20.25	20.27	19.38
25	17.68	16.74	.....	.....	17.41	.....	18.54	19.06	19.74	20.29	20.09	19.07
Eom	17.36	16.75	16.82	17.16	17.55	17.98	18.67	19.18	19.85	20.31	20.06	18.91

1973

5	18.83	16.97	17.22	.....	16.34	16.20	.....	.....	.....	.....	.....	.....
10	.....	16.87	17.28	.....	16.36	16.14	.....	15.06	.....	.....	19.81	.....
15	.....	16.85	17.13	16.07	16.54	16.23	.....	17.92	.....	19.08	19.80	.....
20	.....	16.90	16.80	16.07	16.63	16.42	.....	.....	.....	.....	19.90	20.16
25	17.41	17.03	16.65	16.04	16.24	16.39	17.53	.....	18.82	19.26	.....	.....
Eom	17.35	17.15	16.50	16.20	16.11	16.45	.....	.....	.....	.....	.....	.....

334724084293401. Local number 10EE1. Formerly 77. E. S. Nix. Bolton. Drilled domestic water-table well in biotite gneiss, diam 8 in (20 cm), depth 84 ft (26 m), cased to 44 ft (13 m). Lsd 844 ft (257 m) above msl. MP top of casing, 4.80 ft (1.46 m) below lsd. Highest water level 16.65 ft (5.07 m) below lsd, May 5, 1965; lowest 28.25 ft (8.61 m) below lsd, Dec. 10, 1956. Records available: 1943-54, 1956-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 28, 1969	18.22	Oct. 15, 1970	24.52	May 24, 1972	19.89	June 1, 1973	19.25
Oct. 21	22.79	May 18, 1971	20.11	Nov. 9	21.00	Oct. 18	22.30
June 9, 1970	21.01	Oct. 13	22.40				

Glynn County

310803081233701. Local number 34H205. Formerly 13. U.S. Dept. of Commerce. At lighthouse on St. Simon Island. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 to 3 to 2 in (10 to 7.6 to 5.1 cm), depth 627 ft (191 m), cased to 500 ft (152 m). Lsd 13.5 ft (4.1 m) above msl. MP top of 4½-in (11 cm) tee, 2.00 ft (0.61 m) above lsd. Highest water level 36.63 ft (11.16 m) above lsd, Dec. 13, 1938; lowest 4.30 ft (1.31 m) above lsd, Oct. 11, 1973. Records available: 1938, 1940-73.

May 14, 1969	+6.97	Oct. 6, 1970	+6.80	May 26, 1972	+7.00	May 17, 1973	+6.34
Oct. 9	6.90	May 13, 1971	5.50	Oct. 13	4.85	Oct. 11	4.30
May 13, 1970	5.90	Oct. 15	5.40				

311318081232901. Local number 34H328. Formerly 37. U.S. Government. St. Simon Island. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 640 ft (195 m), cased to about 500 ft (152 m). Lsd 13.88 ft (4.23 m) above msl. MP top of 3-in (7.6 cm) cross, 1.70 ft (0.52 m) above lsd. Highest water level 36.0 ft (11.0 m) above lsd, Jan. 11, 1939; lowest 2.00 ft (0.61 m) above lsd, Oct. 11, 1973. Records available: 1939, 1941-73.

May 14, 1969	+3.15	Oct. 6, 1970	+3.10	May 26, 1972	+3.85	May 17, 1973	+3.30
Oct. 9	2.90	May 13, 1971	2.50	Oct. 13	2.10	Oct. 11	2.00
May 13, 1970	3.10	Oct. 15	2.17				

311049081212802. Local number 35H44. Sea Island Co. Gun Club on St. Simon Island. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 to 2 in (7.6 to 5.1 cm), depth 789 ft (240 m), cased to 603 ft (184 m). Lsd 7.3 ft (2.2 m) above msl. MP top of 3 x 2½-in (7.6 to 6.4 cm) bell reducer, 0.50 ft (0.15 m) above lsd. Highest water level 40.96 ft (12.48 m) above lsd, Jan. 11, 1939; lowest 11.90 ft (3.63 m) above lsd, Oct. 13, 1972. Records available: 1939-73.

May 14, 1969	+13.80	Oct. 6, 1970	+13.91	May 26, 1972	+14.31	May 17, 1973	+12.81
Oct. 9	14.14	May 13, 1971	13.37	Oct. 13	11.90	Oct. 11	12.81
May 13, 1970	14.10	Oct. 15	11.94				

310906081284701. Local number 34H85. Formerly 45. City of Brunswick. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 6 in (15 cm), depth 530 ft (192 m), cased to 514 ft (157 m). Lsd 6.5 ft (2.0 m) above msl. MP top of 6-in (15 cm) cross, 1.60 ft (0.49 m) above lsd. Highest water level 33.62 ft (10.25 m) above lsd, Jan. 12, 1939; lowest 4.60 ft (1.40 m) below lsd, Oct. 12, 1972. Records available: 1939, 1958-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	2.70	Oct. 8, 1970	2.00	May 25, 1972	2.80	May 17, 1973	3.10
Oct. 9	4.05	May 13, 1971	4.40	Oct. 12	4.60	Oct. 12	3.60
May 13, 1970	3.10	Oct. 20	2.68				

311436081265501. Local number 34H3. Russell Paulk. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 730 ft (223 m), cased to 585 ft (178 m). Lsd 7 ft (2 m) above msl. MP top of 3-in (7.6 cm) tee, 1.30 ft (0.40 m) above lsd. Highest water level 19.0 ft (5.8 m) above lsd, Oct. 5, 1959; lowest 3.40 ft (1.04 m) above lsd, May 7, 1968, May 13, 1971. Records available: 1958-71. Measurement discontinued. May 13, 1969, +3.70; Oct. 9, +3.50; May 12, 1970, +3.90; Oct. 8, +5.00; May 13, 1971, +3.40.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+7.85	Oct. 6, 1970	+7.75	May 25, 1972	+9.49	May 16, 1973	+9.83
Oct. 9	6.25	May 12, 1971	7.35	Oct. 12	9.17	Oct. 11	8.93
May 13, 1970	6.65	Oct. 14	7.45				

311127081302301. Local number 33H100. Formerly 208A. S. O. Jenkins. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 680 ft (207 m), cased to 525 ft (160 m). Lsd 12.44 ft (3.79 m) above msl. MP top of 3-in (7.6 cm) tee, 0.40 ft (0.12 m) above lsd. Highest water level 3.65 ft (1.11 m) above lsd, Oct. 21, 1960; lowest 16.95 ft (5.17 m) below lsd, May 13, 1970. Records available: 1958-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	14.75	May 12, 1971	16.85	May 25, 1972	13.05	May 16, 1973	13.35
Oct. 9	14.55	Oct. 14	15.85	Oct. 12	14.65	Oct. 11	13.70
May 13, 1970	16.95						

310658081250101. Local number 34G17. Formerly Jekyll 3. State of Georgia. Drilled public-supply artesian well in Ocala Limestone of late Eocene age, diam 8 in (20 cm), depth 774 ft (236 m), cased to 500 ft (152 m). Lsd 7 ft (2 m) above msl. MP center of gate valve, 2.30 ft (0.70 m) above lsd. Highest water level 34.45 ft (10.50 m) above lsd, May 11, 1960; lowest 20.46 ft (6.24 m) above lsd, May 8, 1968. Records available: 1957-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+24.37	Oct. 8, 1970	+23.28	May 25, 1972	+23.15	May 16, 1973	+22.33
Oct. 9	23.24	May 13, 1971	21.01	Oct. 12	22.46	Oct. 12	23.60
May 19, 1970	22.60	Oct. 15	21.97				

310206081241701. Local number 34G11. Formerly Jekyll 5. State of Georgia. Drilled public-supply artesian well in Ocala Limestone of late Eocene age, diam 8 in (20 cm), depth 774 ft (236 m), cased to 520 ft (158 m). Lsd 8 ft (2 m) above msl. MP center of gate valve, 2.00 ft (0.61 m) above lsd. Highest water level 31.49 ft (9.60 m) above lsd, May 11, 1960; lowest 21.50 ft (6.55 m) above lsd, May 8, 1968. Records available: 1957-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	+22.97	Oct. 8, 1970	+23.28	June 7, 1972	+21.81	May 17, 1973	+22.97
Oct. 9	23.31	May 13, 1971	23.90	Oct. 12	22.63	Oct. 12	23.54
May 13, 1970	22.44	Oct. 15	22.01				

#### Liberty County

314909081310001. Local number 33N44. James Kelly. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 540 ft (165 m), cased to 333 ft (101 m). Lsd 10.55 ft (3.22 m) above msl. MP top of 3-in (7.6 cm) tee, 1.00 ft (0.30 m) above lsd. Highest water level 12.15 ft (3.70 m) above lsd, May 12, 1965; lowest 0.15 ft (0.05 m) below lsd, May 17, 1973. Records available: 1963-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 12, 1969	+3.85	Oct. 8, 1970	+2.45	Oct. 27, 1971	+1.85	Oct. 13, 1972	+0.65
Oct. 7	2.85	Dec. 9	2.05	May 26, 1972	2.60	May 17, 1973	-1.15
May 12, 1970	3.15	May 14, 1971	2.45				

314402081140801. Local number 36M12. T. E. Youmans. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 450+ ft (137 m), casing information not available. Lsd 8 ft (2 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 5.40 ft (1.65 m) above lsd, Jan. 21, 1959; lowest 4.70 ft (1.43 m) below lsd, May 13, 1969. Records available: 1959-60, 1963-69. Measurement discontinued. Replaced by well 36M18. May 13, 1969, 4.70.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 8, 1969	6.19	Dec. 9, 1970	6.40	May 26, 1972	6.40	May 17, 1973	8.00
May 12, 1970	6.30	May 14, 1971	5.60	Oct. 13	7.10	Oct. 12	8.90
Oct. 8	5.40	Oct. 27	6.05	Dec. 5	9.35		

314052081241201. Local number 34M45. Formerly 75. Mrs. E. P. Way. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 500 ft (152 m), cased to 187 ft (59 m). Lsd 9.85 ft (3.00 m) above msl. MP top of 3-in (7.6 cm) cross, 0.61 ft (0.19 m) above lsd. Highest water level 25.48 ft (7.77 m) above lsd, Feb. 9, 1939; lowest 4.79 ft (1.46 m) below lsd, Dec. 8, 1970. Records available: 1939, 1941-71. Measurement discontinued. May 13, 1969, 2.69; Oct. 9, 3.89; Dec. 6, 4.39; May 12, 1970, 3.54; Oct. 8, 4.19; Dec. 8, 4.79; May 13, 1971, 4.09.

315059081352501. Local number 33N25. Formerly 137. Mrs. H. A. Bacon. Hinesville. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 2 in (5.1 cm), depth 527 ft (161 m), cased to 400 ft (122 m). Lsd 44.62 ft (13.60 m) above msl. MP top of 2-in (5.1 cm) tee, 0.92 ft (0.27 m) above lsd. Highest water level 3.40 ft (1.04 m) above lsd, Apr. 26, 1939; lowest 28.98 ft (8.83 m) below lsd, Oct. 12, 1973. Records available: 1939-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 12, 1969	24.18	Oct. 18, 1970	25.48	Oct. 27, 1971	26.18	May 17, 1973	27.68
Oct. 7	24.93	Dec. 9	25.63	May 26, 1972	25.13	Oct. 12	28.98
May 12, 1970	24.98	May 14, 1971	25.38	Oct. 13	26.73		

314945081255501. Local number 34N27. Formerly 150A. C. H. Blunt. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 640 ft (195 m), cased to 496 ft (151 m). Lsd 15 ft (5 m) above msl. MP top of 3-in (7.6 cm) tee, 1.40 ft (0.43 m) above lsd. Highest water level 13.80 ft (4.21 m) above lsd, Jan. 21, 1959; lowest 0.55 ft (0.17 m) above lsd, May 13, 1969. Records available: 1959-69. Measurement discontinued. May 13, 1969, +0.55.

314356081142701. Local number 36M11. Formerly 177. P. E. Youmans. On Colonels Island. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 490 ft (149 m), cased to 100 ft (30 m). Lsd 13 ft (4 m) above msl. MP top of 3-in (7.6 cm) cross, 1.70 ft (0.52 m) above lsd. Highest water level 12.35 ft (3.76 m) above lsd, Aug. 26, 1945; lowest 13.05 ft (3.98 m) below lsd, Oct. 12, 1973. Records available: 1942-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 13, 1969	9.15	Oct. 8, 1970	9.80	Oct. 27, 1971	10.40	May 17, 1973	12.10
Oct. 7	10.15	Dec. 9	10.60	May 26, 1972	11.40	Oct. 12	13.05
May 12, 1970	9.75	May 14, 1971	10.05	Oct. 13	12.40		

314758081262601. Local number 34N93. Bobby Sikes. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 580 ft (177 m), cased to 406 ft (124 m). Lsd 9.9 ft (3.0 m) above msl. MP top of 3-in (7.6 cm) tee, 0.95 ft (0.29 m) above lsd. Highest water level 0.80 ft (0.24 m) above lsd, Mar. 10, 1970; lowest 3.75 ft (1.14 m) below lsd, Oct. 12, 1973. Records available: 1969-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 18, 1969	0.00	Aug. 18, 1970	-0.25	May 14, 1971	-0.15	Oct. 13, 1972	-1.75
Mar. 10, 1970	+8.0	Sept. 16	.35	Oct. 27	.65	Dec. 5	2.05
Apr. 21	.70	Oct. 8	1.05	Feb. 23, 1972	-1.10	May 18, 1973	2.45
May 12	+6.0	Nov. 17	1.10	Apr. 24	+1.5	Oct. 12	3.75
July 21	-1.10	Dec. 9	.60	May 26	-1.15		

### Long County

314241081444501. Local number 32M1. Formerly 8. Town of Ludowici. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 8 to 6 in (20 to 15 cm), depth 579 ft (176 m), cased to 495 ft (151 m). Lsd 66 ft (20 m) above msl. MP hole in pumpbase, 2.70 ft (0.82 m) above lsd. Highest water level 9.29 ft (2.83 m) below lsd, Mar. 18, 1940; lowest 46.00 ft (14.02 m) below lsd, Oct. 10, 1973. Records available: 1940-47, 1949-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 12, 1969	39.00	Oct. 8, 1970	39.30	Oct. 11, 1972	41.00	May 15, 1973	44.00
Oct. 7	40.00	Dec. 3	39.82	Nov. 30	43.39	Oct. 10	46.00
May 12, 1970	38.70	May 11, 1971	40.10				

313844081361401. Local number 33M4. U.S. Geol. Survey Test Well. Drilled observation artesian well in Ocala Limestone of late Eocene age, diam 4 to 3 in (10 to 7.6 cm), depth 872 ft (266 m), cased to 538 ft (164 m). Lsd 61.2 ft (18.7 m) above msl. MP top of floor of recorder shelter, 3.50 ft (1.07 m) above lsd. Highest water level 32.32 ft (9.85 m) below lsd, Jan. 25, 1968; lowest 45.18 ft (13.77 m) below lsd, Nov. 30, 1973. Records available: 1968-73.

### Water level at noon, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	34.90	35.19	35.40	36.59	.....	.....	38.32	38.48	38.57	38.49	38.70
10	34.11	34.66	35.13	36.10	.....	.....	.....	38.20	37.84	38.58	38.44	38.48
15	34.12	34.81	35.74	36.08	.....	.....	37.86	38.30	37.99	38.70	38.79	38.70
20	34.46	34.70	35.54	36.25	.....	.....	37.91	38.48	38.14	38.40	38.77	38.70
25	32.32	35.03	35.69	36.51	.....	.....	38.07	38.60	38.20	38.37	38.78	38.58
Eom	34.77	34.82	35.74	36.57	.....	.....	38.22	38.51	38.52	38.71	38.90	39.10
1969												
5	39.05	38.62	38.60	38.15	38.41	38.89	39.55	39.10	39.67	39.90	39.90	40.15
10	39.15	38.61	38.44	37.83	38.54	38.95	39.33	39.13	39.71	39.95	39.84	39.60
15	38.83	38.54	38.74	38.00	38.70	38.96	39.36	39.20	39.74	39.88	40.03	39.93
20	39.20	38.68	38.54	38.04	38.78	39.08	39.39	39.23	39.84	40.07	39.99	39.68
25	38.54	38.49	38.77	38.25	38.78	39.32	39.08	39.33	39.73	40.17	40.14	39.73
Eom	38.58	38.48	38.69	38.25	38.76	39.52	39.20	39.95	39.72	39.98	40.01	39.29
1970												
5	39.59	39.78	39.23	39.06	38.87	39.04	39.57	39.33	39.45	39.32	39.27	39.51
10	39.61	39.38	39.21	39.02	38.90	39.13	39.49	39.27	39.45	39.30	39.26	39.69
15	39.44	39.46	39.34	39.07	38.97	39.31	39.23	39.57	39.20	39.28	39.27	39.68
20	39.30	39.61	39.40	38.24	39.14	39.34	39.33	39.77	39.19	39.29	39.29	39.68
25	39.44	39.18	39.35	38.68	38.86	39.44	39.35	39.44	39.25	39.14	39.60	39.40
Eom	39.68	39.57	39.15	38.78	39.14	39.68	39.23	39.60	39.18	39.26	39.46	38.74

313844081361401--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	38.90	39.17	39.53	38.89	39.37	39.91	40.00	40.21	.....	40.17	40.23	40.24
10	39.09	39.49	39.35	38.86	39.45	39.94	39.69	40.30	.....	40.02	40.18	40.07
15	39.05	39.30	39.19	38.82	39.46	39.81	39.64	.....	.....	40.25	40.29	40.11
20	39.38	39.28	39.17	38.87	39.60	40.06	39.87	.....	.....	40.21	40.03	40.03
25	39.15	39.33	39.48	38.99	39.70	40.04	40.00	.....	.....	40.03	40.31	39.91
Eom	39.02	39.33	39.48	39.08	39.65	40.15	40.17	.....	40.42	40.10	40.16	39.46
1972												
5	39.22	39.51	39.15	38.24	39.05	39.18	39.03	39.65	.....	.....	.....	41.53
10	39.21	39.34	39.40	38.45	39.05	39.39	39.05	39.87	.....	.....	40.98	41.56
15	39.41	39.00	39.14	38.42	38.98	39.44	38.89	39.90	39.65	40.63	40.94	41.50
20	39.31	39.17	39.20	38.62	38.93	38.95	39.13	39.91	39.96	.....	41.12	41.77
25	39.23	39.05	38.87	38.66	39.02	39.34	39.23	40.00	40.14	40.73	41.12	41.74
Eom	39.15	39.16	38.44	39.01	39.00	39.42	39.55	39.98	39.98	.....	41.28	41.29
1973												
5	41.23	41.53	41.73	42.15	42.46	42.71	42.73	43.04	43.57	.....	44.40	44.88
10	41.34	41.15	41.75	42.21	42.36	42.74	42.15	43.05	43.20	44.00	44.78	45.01
15	41.15	41.25	41.79	42.44	42.52	42.75	42.22	43.19	43.23	44.12	44.67	44.87
20	41.04	41.50	41.74	42.38	42.51	42.90	42.45	43.32	43.51	44.23	44.81	44.80
25	41.30	41.62	42.25	42.16	42.51	42.90	42.73	43.51	.....	44.29	44.77	44.84
Eom	41.43	41.76	.....	42.54	42.68	43.04	42.79	43.64	.....	44.23	45.18	43.73

Lowndes County

304950083165501. Local number 19E9. City of Valdosta. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 20 in (51 cm), depth 342 ft (104 m), cased to 200 ft (61 m). Lsd 213 ft (65 m) above msl. MP top of casing, 1.70 ft (0.52 m) above lsd. Highest water level 112.69 ft (34.35 m) below lsd, Mar. 9, 1964; lowest 143.50 ft (43.74 m) below lsd, Oct. 31, 1968. Records available: 1957-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	131.67	133.00	131.70	128.01	131.45	132.82	139.00	133.50	128.59	.....	132.64	135.20
10	132.10	132.20	129.70	129.60	132.42	133.32	140.05	132.80	130.00	.....	133.20	133.92
15	133.80	131.98	127.00	129.00	135.40	133.09	140.25	.....	129.15	.....	134.81	131.75
20	131.30	128.20	128.69	128.72	131.80	134.67	138.80	133.19	130.11	.....	135.44	132.12
25	132.79	130.78	128.00	130.12	130.80	139.00	139.00	129.33	129.64	.....	135.93	131.30
Eom	131.65	131.00	130.30	131.63	131.00	138.87	134.22	128.64	128.92	131.37	134.61	.....
1970												
5	.....	.....	.....	.....	.....	.....	130.38	129.20	123.25	127.15	129.02	130.42
10	.....	.....	.....	.....	.....	.....	127.80	127.90	125.10	129.62	128.79	131.40
15	.....	.....	.....	.....	129.15	125.58	128.50	125.71	125.40	131.38	127.88	131.63
20	.....	.....	.....	.....	.....	127.49	127.39	125.05	125.03	129.45	127.80	129.50
25	.....	.....	.....	.....	.....	128.00	128.05	123.32	125.39	128.31	128.95	127.99
Eom	.....	.....	.....	.....	.....	127.59	126.99	123.22	126.00	128.91	128.60	128.98
1971												
5	128.98	126.93	125.38	122.67	123.29	129.21	129.54	.....	126.00	130.95	130.28	130.48
10	127.55	126.99	124.60	124.04	125.49	134.18	129.54	.....	124.18	130.83	132.30	129.62
15	126.90	125.70	124.41	125.02	125.08	132.90	129.30	.....	125.38	129.30	131.05	131.25
20	127.61	125.88	124.99	125.80	124.13	131.44	129.34	.....	125.78	130.75	133.01	128.55
25	126.65	126.28	124.99	125.30	124.10	130.90	129.16	127.45	127.30	129.35	134.49	128.19
Eom	126.83	125.10	123.59	124.83	125.60	131.17	.....	126.32	128.22	130.40	133.70	126.52
1972												
5	126.92	125.80	121.40	122.50	127.42	129.24	127.80	127.61	132.17	140.68	139.95	137.37
10	126.29	122.74	121.68	123.95	127.40	132.42	125.58	128.61	132.49	142.14	140.94	135.76
15	126.69	122.05	122.34	123.90	125.09	135.99	127.63	130.30	136.89	141.63	140.56	134.65
20	125.62	121.19	122.70	124.95	126.08	131.28	127.08	130.90	138.64	142.64	140.19	134.94
25	124.68	121.03	123.63	.....	127.43	130.33	127.48	131.72	138.85	142.64	138.41	130.37
Eom	123.15	122.29	122.90	.....	129.80	126.65	125.96	131.10	139.51	141.73	138.49	130.85
1973												
5	132.37	129.11	126.35	122.38	120.05	122.67	123.45	123.97	127.19	131.51	134.66	134.65
10	131.70	125.73	124.76	121.00	121.70	120.20	124.45	124.65	128.70	133.52	134.67	133.02
15	130.94	126.40	125.00	119.83	123.71	122.17	122.02	125.80	126.63	133.34	134.88	133.67
20	129.55	125.91	125.01	120.39	121.49	122.53	124.52	125.34	127.05	133.31	135.09	132.06
25	131.07	123.75	123.62	122.41	124.79	121.47	125.90	124.77	128.53	135.81	134.38	131.10
Eom	130.90	126.75	123.87	119.32	123.41	122.42	124.07	127.27	128.15	135.28	134.57	127.96

McIntosh County

313815081233501. Local number 34M1. Formerly 14. C. H. Stebbins. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth and casing information not available. Lsd 17 ft (5 m) above msl. MP top of 3-in (7.6 cm) tee, 1.90 ft (0.58 m) above lsd. Highest water level 22.15 ft (6.75 m) above lsd, Feb. 9, 1939; lowest 7.55 ft (2.30 m) below lsd, Oct. 12, 1973. Records available: 1941-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 13, 1969	3.10	Oct. 8, 1970	4.20	Oct. 27, 1971	5.10	Dec. 5, 1972	6.23
Oct. 9	4.10	Dec. 9	4.74	May 26, 1972	4.35	May 17, 1973	6.45
May 12, 1970	3.70	May 13, 1971	4.20	Oct. 13	5.70	Oct. 12	7.55

313200081310001. Local number 33L10. Union Camp Paper Corp. Townsend. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 6 in (15 cm), depth 532 ft (162 m), cased to 382 ft (116 m). Lsd 19.03 ft (5.80 m) above msl. MP top of casing, 0.69 ft (0.21 m) above lsd. Highest water level 25.20 ft (7.68 m) above lsd, Mar. 29, 1939; lowest 3.68 ft (1.12 m) below lsd, Nov. 29, 1973. Records available: 1939, 1959-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 13, 1969	+1.94	Dec. 3, 1970	+1.00	May 26, 1972	+0.49	May 17, 1973	-1.11
Oct. 9	1.07	May 13, 1971	.90	Oct. 13	-.11	Oct. 12	2.86
May 12, 1970	1.79	Oct. 27	.24	Dec. 1	.86	Nov. 29	3.68
Oct. 8	1.19						

313408081192701. Local number 35L14. Formerly 43. Shellman Bluff. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 650 ft (198 m), casing information not available. Lsd 15 ft (5 m) above msl. MP top of 3-in (7.6 m) tee, 1.00 ft (0.30 m) above lsd. Highest water level 34.75 ft (10.59 m) above lsd, Mar. 12, 1939; lowest 5.68 ft (1.73 m) below lsd, Oct. 10, 1973. Records available: 1939, 1941-43, 1945-47, 1949-73.

May 13, 1969	1.60	Oct. 8, 1970	2.20	Oct. 27, 1971	0.95	Dec. 2, 1972	4.22
Oct. 9	2.00	Dec. 5	2.97	May 26, 1972	2.50	May 17, 1973	4.40
May 12, 1970	2.00	May 13, 1971	2.40	Oct. 13	3.55	Oct. 10	5.68

312325081242701. Local number 34K30. Formerly 144. Sam Bluestine. Formerly Thomas LeCain. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 4 in (10 cm), depth 716 ft (218 m), cased to about 600 ft (183 m). Lsd 20 ft (6 m) above msl. MP bottom of 2-in (5.1 cm) nipple, 1.10 ft (0.34 m) above lsd. Highest water level 25.85 ft (7.88 m) above lsd, Apr. 28, 1939; lowest 3.45 ft (1.05 m) below lsd, Oct. 12, 1973. Records available: 1939-73.

May 13, 1969	1.40	Oct. 8, 1970	1.30	Oct. 27, 1971	2.40	May 17, 1973	3.20
Oct. 9	1.75	Dec. 7	1.65	May 26, 1972	1.25	Oct. 12	3.45
May 12, 1970	1.60	May 13, 1971	1.90	Oct. 13	2.90		

Miller County

31160084435401 (revised). Local number 8H2. City of Colquitt. Drilled unused artesian well in Clayton Limestone of Paleocene age, diam 8 in (20 cm), depth 1,935 ft (590 m), cased to 785 ft (239 m). Lsd 350 ft (107 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 28.40 ft (8.66 m) below lsd, Mar. 1, 1965; lowest 36.92 ft (11.25 m) below lsd, Dec. 5, 1972. Records available: 1963-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	36.31	36.18	35.80	34.81	34.71	34.91	35.63	35.88	36.31	35.41	35.51	35.87
10	36.20	36.08	35.61	34.75	34.79	34.96	35.67	35.95	36.35	35.47	35.55	35.47
15	36.28	35.67	35.68	34.64	34.71	35.09	35.67	35.93	36.53	35.49	35.70	35.75
20	36.02	35.90	35.28	34.60	34.74	35.24	35.90	36.05	36.51	35.47	35.76	35.81
25	36.15	35.82	34.84	34.64	34.74	35.40	35.91	36.06	35.59	35.55	35.78	35.67
Eom	36.15	35.76	34.98	34.64	34.74	35.54	35.88	36.22	35.55	35.46	35.80	35.58
1970												
5	35.75	35.40	34.36	33.46	33.78	34.30	34.92	35.25	34.80	35.39	35.98	36.45
10	35.72	31.13	34.14	33.52	33.83	34.44	35.09	34.91	34.91	35.40	35.98	36.57
15	35.47	35.10	34.16	33.47	33.96	34.63	35.31	34.96	35.01	35.51	35.98	36.68
20	35.40	34.78	34.13	33.44	34.11	34.70	35.25	34.78	35.07	35.67	36.10	36.63
25	35.43	34.54	33.78	33.61	34.13	34.80	35.31	34.73	35.22	35.63	....	36.64
Eom	35.52	34.67	33.53	33.65	34.35	34.98	35.22	34.85	35.25	35.83	36.37	36.41
1971												
5	36.43	36.10	35.09	34.17	33.77	33.73	33.87	34.30	34.57	35.19	35.84	36.07
10	36.34	36.04	34.95	34.17	33.67	33.71	34.07	34.30	34.57	35.17	35.87	35.95
15	36.32	35.76	34.73	34.03	33.53	33.72	34.02	34.34	34.70	35.27	35.99	35.95
20	....	35.63	34.66	33.99	33.54	33.95	34.08	34.52	34.80	35.43	36.04	36.68
25	....	35.38	34.60	33.92	33.55	33.97	34.21	34.33	34.96	35.46	36.27	35.61
Eom	36.00	35.30	34.27	33.50	33.55	34.09	34.30	34.54	35.04	35.64	36.09	35.43
1972												
5	35.11	34.57	33.84	33.74	33.98	34.62	34.48	34.55	35.18	36.05	36.71	36.92
10	35.10	34.38	34.00	33.85	34.05	34.75	34.43	34.69	35.38	36.22	36.77	36.84
15	34.95	34.15	33.80	33.70	34.06	34.93	34.42	34.79	35.55	36.31	36.69	36.38
20	34.98	34.16	33.79	33.84	34.15	33.87	34.42	34.88	35.70	36.55	36.78	36.59
25	34.73	33.98	33.69	33.79	34.20	34.59	34.37	34.97	35.88	36.56	36.79	36.57
Eom	34.63	33.99	33.30	....	34.37	34.47	34.46	35.06	35.72	36.70	36.87	36.50
1973												
5	36.06	34.67	33.97	33.05	33.30	33.25	33.50	34.04	34.54	35.05	....	35.92
10	35.99	34.26	33.96	33.11	33.18	33.27	33.63	33.96	34.68	35.16	35.99	36.23
15	35.82	34.20	33.67	33.38	33.33	33.20	33.70	34.10	34.53	35.34	36.04	36.16
20	35.51	34.32	33.70	33.33	33.33	33.22	33.88	34.20	34.83	....	36.08	36.15
25	35.30	34.20	33.23	33.23	33.37	33.29	34.05	34.35	34.94	....	36.06	36.29
Eom	35.17	34.17	32.71	33.19	32.94	33.33	33.92	34.52	34.94	....	36.24	36.15

Montgomery County

321109082342401. Local number 25R1. Formerly 1. City of Ailey. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 6 to 4 in (15 to 10 cm), depth 403 ft (123 m), cased to 345 ft (105 m). Lsd 255 ft (78 m) above msl. MP hole in pumpbase, 1.60 ft (0.49 m) above lsd. Highest water level 104.60 ft (31.88 m) below lsd, June 15, 1943; lowest 120.70 ft (36.79 m) below lsd, Oct. 11, 1972. Records available: 1941-43, 1945-46, 1949-51, 1953-73.

321109082342401--Continued.

Date	Water level
May 15, 1969	117.70
Oct. 10	118.50
May 14, 1970	118.90

Date	Water level
Oct. 5, 1970	119.20
May 11, 1971	118.20
Oct. 13	119.00

Date	Water level
May 24, 1972	118.30
Oct. 11	120.70

Date	Water level
May 15, 1973	119.60
Oct. 10	120.20

Pierce County

312355082084201 (revised). Local number 28K1. J. O. Echols. Drilled irrigation artesian well in Ocala Limestone of late Eocene age, diam 10 in (25 cm), depth 710 ft (216 m), cased to 517 ft (158 m). Lsd about 105 ft (32 m) above msl. MP top of hole in pumpbase, 1.40 ft (0.43 m) above lsd. Highest water level 46.35 ft (14.13 m) below lsd, Oct. 13, 1964; lowest 53.90 ft (16.43 m) below lsd, Nov. 28, 1973. Records available: 1963-73.

May 14, 1969	a62.60
Oct. 10	53.30
May 14, 1970	49.90
Oct. 6	50.60

Dec. 1, 1970	51.60
May 12, 1971	51.75
Oct. 14	52.20

May 25, 1972	51.20
Oct. 12	53.30
Nov. 28	53.83

May 16, 1973	50.70
Oct. 11	53.00
Nov. 28	53.90

a Well being pumped.

Screven County

324503081364001. Local number 32W13. Formerly 3. City of Sylvania. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 10 to 8 in (25 to 20 cm), depth 490 ft (149 m), casing information not available. Lsd 218 ft (66 m) above msl. MP hole in pumpbase, 0.70 ft (0.21 m) above lsd. Highest water level 99.60 ft (30.36 m) below lsd, May 10, 1965; lowest 115.95 ft (35.34 m) below lsd, May 25, 1959. Records available: 1939-43, 1945-47, 1949-73.

May 15, 1969	+12.17
Oct. 8	111.80
May 14, 1970	110.50

Oct. 5, 1970	107.85
May 11, 1971	105.20

Oct. 13, 1971	106.00
May 31, 1972	106.70

Oct. 11, 1972	108.30
May 15, 1973	105.30

323438081424901. Local number 32U16. Formerly 8. W. W. Wyant. Dover. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 255 ft (78 m), cased to 90 ft (27 m). Lsd 103 ft (31 m) above msl. MP top of 2-in (5.1 cm) valve, 2.00 ft (0.61 m) above lsd. Highest water level 18.30 ft (5.58 m) above lsd, July 14, 1952; lowest 9.80 ft (2.99 m) above lsd, Oct. 11, 1972. Records available: 1939, 1943, 1945-46, 1949-73.

May 15, 1969	+12.17
Oct. 8	12.48
May 14, 1970	12.07

Oct. 5, 1970	+11.10
May 11, 1971	12.28
Oct. 13	11.35

May 31, 1972	+13.30
Oct. 11	9.80

May 15, 1973	+12.96
Oct. 10	12.28

323935081494301 (revised). Local number 31V17. Pat H. Johnston. Rocky Ford. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 249 ft (76 m), cased to 160 ft (49 m). Lsd 129 ft (39 m) above msl. MP top of 3-in (7.6 cm) elbow, 2.90 ft (0.88 m) above lsd. Highest water level 8.74 ft (2.66 m) above lsd, May 10, 1965; lowest 5.30 ft (1.62 m) above lsd, Oct. 24, 1968. Records available: 1963-73.

May 15, 1969	+5.82
Oct. 8	6.60
May 14, 1970	6.70

Oct. 5, 1970	+6.00
May 11, 1971	6.70
Oct. 13	6.70

May 31, 1972	+7.10
Oct. 11	5.70

May 15, 1973	+7.10
Oct. 10	6.60

Spalding County

331507084171801. Local number 11AA1. Formerly 12. State Experiment Station. Dug unused water-table well in residuum, size 4 x 4 ft (1.2 x 1.2 m), depth 30 ft (9 m), casing information not available. Lsd 960 ft (293 m) above msl. MP hole in floor of recorder shelter, 3.10 ft (0.94 m) above lsd. Highest water level 8.26 ft (2.52 m) below lsd, Mar. 19, 1948; lowest 21.08 ft (6.43 m) below lsd, Dec. 8, 1943. Records available: 1943-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.61	15.17	14.09	13.30	12.47	13.30	14.80	15.80	16.67	16.39	17.28	17.87
10	15.55	14.89	14.03	13.37	12.70	13.55	15.03	15.91	16.85	16.46	17.38	17.64
15	15.61	14.53	14.11	13.50	13.46	13.68	15.27	16.14	17.05	16.57	17.54	17.45
20	15.57	14.29	13.92	12.89	12.93	13.96	15.40	16.26	17.22	16.78	17.63	17.35
25	15.48	14.03	13.56	12.77	....	14.21	15.47	16.33	16.65	17.02	17.72	17.20
Eom	15.29	13.98	13.41	12.80	13.02	14.55	15.69	16.50	16.38	17.20	17.25	17.00

1970

5	16.91	16.28	15.54	13.81	14.37	14.36	15.11	15.75	16.26	17.58	....	17.34
10	....	15.98	15.55	13.78	14.44	14.08	15.29	15.97	16.55	17.77	....	17.55
15	16.41	15.93	15.66	13.90	14.63	14.14	15.55	16.24	16.78	17.92	16.84	17.73
20	16.32	16.00	15.55	14.01	14.82	14.31	15.77	16.43	17.01	18.01	....	17.06
25	16.29	15.72	14.41	14.19	14.97	14.59	15.60	16.46	17.18	17.83	17.02	16.72
Eom	16.39	15.75	14.18	14.29	15.05	14.92	15.52	16.25	17.33	17.48	17.14	16.57



331507084171801--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.06	13.37	10.26	10.36	11.05	11.76	13.39	13.98	13.26	14.97	16.41	16.96
10	15.28	12.85	10.35	10.78	11.35	12.05	13.59	13.30	13.69	15.18	16.57	16.51
15	14.69	12.67	10.75	11.03	11.50	12.40	13.80	13.05	13.99	15.49	16.77	16.34
20	14.22	12.77	10.95	11.27	11.01	12.72	.....	12.72	14.27	15.74	16.90	16.53
25	13.95	12.41	11.21	10.79	11.06	13.07	.....	12.66	14.51	15.94	17.14	16.25
Eom	13.48	12.31	10.25	10.82	11.45	13.26	.....	13.05	14.70	16.21	17.23	16.25
1972												
5	16.31	13.28	12.28	12.58	13.67	14.24	13.35	14.92	15.93	17.11	17.87	17.49
10	15.97	12.94	12.15	12.76	13.63	14.43	13.45	15.13	16.12	17.34	17.89	17.08
15	14.36	12.71	12.10	12.89	13.63	14.69	13.68	15.21	16.26	17.44	17.95	16.53
20	13.85	12.71	12.38	13.04	13.61	14.50	14.02	.....	16.49	17.68	17.95	15.24
25	13.95	12.57	12.34	13.20	13.83	13.62	14.32	15.52	16.73	17.78	.....	14.13
Eom	13.74	12.69	12.41	13.46	14.02	13.41	14.70	15.75	16.90	17.83	15.54	13.91
1973												
5	13.42	11.52	12.34	10.66	11.51	11.82	13.11	14.44	15.82	17.15	18.24	18.82
10	12.58	11.56	12.29	9.95	11.69	12.04	13.29	14.52	16.08	17.32	18.44	18.76
15	12.40	11.62	11.37	10.35	11.94	12.26	13.53	14.84	16.33	17.48	18.53	.....
20	12.47	11.73	11.01	10.68	12.07	12.52	13.76	15.05	16.56	17.67	18.68	.....
25	12.15	11.99	11.01	10.86	12.19	12.63	14.02	15.32	16.80	17.86	18.73	.....
Eom	12.06	12.21	11.28	11.26	11.79	12.91	14.22	15.60	17.02	18.12	18.83	18.08

Tift County

312716083334801 (revised). Local number 17K1. Seaboard Coast Line RR. Drilled unused artesian well in Suwannee Limestone of late Oligocene age, diam 12 in (30 cm), depth 312 ft (95 m), casing depth unknown. Lsd 245 ft (105 m) above msl. MP floor of recorder shelter 3.42 ft (1.04 m) above lsd. Highest water level 119.80 ft (36.52 m) below lsd, May 29, 1966; lowest 130.00 ft (39.62 m) below lsd, July 8, 1969. Records available: 1963-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	128.95	129.30	128.90	128.45	128.75	128.85	129.70	129.10	129.10	128.70	128.80	129.20
10	128.90	129.15	128.60	128.50	128.80	128.85	129.80	129.10	129.05	128.90	128.65	128.85
15	129.20	128.90	128.80	128.60	128.75	128.90	129.50	129.25	129.00	128.90	128.80	128.90
20	128.80	129.20	128.55	128.25	128.55	129.35	129.45	129.15	129.15	128.75	129.00	128.95
25	129.10	128.90	128.25	128.55	128.35	129.25	129.15	129.00	128.75	129.00	129.00	128.50
Eom	129.25	128.90	128.55	128.70	128.50	129.45	129.20	128.95	128.70	128.90	128.80	128.70
1970												
5	128.80	128.95	128.10	127.45	127.75	127.65	126.75	127.15	126.80	126.85	126.80	126.80
10	129.15	128.45	127.90	127.70	127.70	127.65	127.10	126.80	126.90	126.90	126.70	127.00
15	128.85	128.30	127.90	127.50	128.30	127.50	127.15	126.90	126.80	127.10	126.50	126.85
20	128.60	128.55	127.95	127.30	128.25	127.75	127.10	127.05	126.70	126.95	126.75	126.75
25	128.60	128.15	127.75	127.75	128.25	128.00	127.15	126.70	127.00	126.40	126.95	126.40
Eom	128.80	128.40	127.55	127.75	127.60	127.30	127.10	126.70	126.75	126.65	126.75	126.45
1971												
5	126.50	126.30	126.15	125.55	125.70	126.40	125.45	125.60	125.50	126.50	126.85	126.75
10	126.45	126.60	125.90	125.80	125.55	126.30	125.70	125.60	125.65	125.95	126.90	126.85
15	126.55	126.30	125.65	125.85	125.35	125.75	125.70	125.40	125.75	126.20	126.90	126.80
20	126.75	126.15	125.75	125.85	125.50	125.60	125.55	125.70	125.80	126.25	126.90	126.55
25	126.25	126.20	125.75	125.50	125.65	125.90	125.40	125.50	126.10	126.20	127.05	126.50
Eom	126.05	125.85	125.75	125.55	125.75	125.85	125.55	125.45	126.20	126.40	126.85	126.45
1972												
5	126.30	126.30	125.40	125.50	126.02	126.55	126.29	126.70	127.11	128.19	128.41	128.80
10	126.15	126.10	125.80	125.55	125.76	126.56	126.45	126.96	127.18	128.57	128.55	128.67
15	126.45	125.70	125.50	125.65	125.50	127.30	126.74	127.01	127.75	128.39	128.51	128.81
20	126.45	125.75	125.26	125.98	125.67	126.23	126.64	126.96	128.13	128.74	128.52	128.92
25	126.20	125.65	125.30	125.58	125.98	126.33	126.47	127.13	128.18	128.43	128.39	128.56
Eom	125.95	125.65	125.15	125.69	125.91	126.41	126.45	126.97	127.87	128.57	128.68	128.76
1973												
5	.....	128.10	127.53	127.17	126.85	127.04	126.66	126.72	127.09	128.15	128.42	128.78
10	128.77	127.78	127.51	127.02	126.79	126.55	126.70	126.97	127.11	128.34	128.73	128.83
15	128.61	127.79	127.46	127.14	126.86	126.78	126.56	127.12	126.99	128.45	128.76	128.75
20	128.37	127.87	127.21	127.24	126.60	126.74	126.85	126.93	127.47	128.59	128.77	128.97
25	128.46	127.62	126.97	126.97	126.84	126.57	127.13	127.16	127.56	128.77	128.45	128.90
Eom	128.38	127.81	127.18	126.81	126.80	126.57	126.87	127.29	127.49	128.32	129.15	128.90

Wayne County

312909082011101. Local number 29K1. Formerly 10. Town of Screven. Drilled municipal artesian well in Ocala Limestone of late Eocene age, diam 8 to 6 in (20 to 15 cm), depth 931 ft (284 m), cased to 572 ft (174 m). Lsd 123 ft (37 m) above msl. MP hole in pumpbase, 1.20 ft (0.37 m) above lsd. Highest water level 55.43 ft (16.90 m) below lsd, Dec. 8, 1947; lowest 74.05 ft (22.57 m) below lsd, Nov. 28, 1972. Records available: 1940-43, 1945-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	72.30	Oct. 6, 1970	71.80	Oct. 14, 1971	73.60	Nov. 28, 1972	74.05
Oct. 10	72.40	Dec. 1	72.55	May 25, 1972	69.70	May 16, 1973	72.50
May 14, 1970	70.20	May 12, 1971	72.20	Oct. 12	73.30	Oct. 11	71.20

313215081480201. Local number 31L4. Formerly 12. W. R. Flowers. Drilled domestic artesian well in Ocala Limestone of late Eocene age, diam 3 in (7.6 cm), depth 740 ft (226 m), cased to 500+ ft (152 m). Lsd 68 ft (21 m) above msl. MP top 3-in (7.6 cm) collar, 0.90 ft (0.27 m) above lsd. Highest water level 5.10 ft (1.55 m) below lsd, Oct. 1, 1940; lowest 33.38 ft (10.17 m) below lsd, Nov. 27, 1972. Records available: 1940, 1958-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 15, 1969	30.70	Oct. 5, 1970	30.70	Oct. 13, 1971	31.35	Nov. 27, 1972	33.38
Oct. 10	31.21	Nov. 30	31.07	May 24, 1972	30.30	May 16, 1973	28.60
May 14, 1970	29.70	May 12, 1971	31.10	Oct. 11	32.20		

313944081550001 (revised). Local number 30M3. Robert Harrison. Formerly Bob Harris and Lanier Blalock. Drilled irrigation artesian well in Ocala Limestone of late Eocene age, diam 6 to 4 in (15 to 10 cm), depth 620 ft (189 m), cased to 503 ft (153 m). Lsd 110 ft (34 m) above msl. MP top of cap on 6-in (15 cm) casing, 0.70 ft (0.21 m) above lsd. Highest water level 69.70 ft (21.24 m) below lsd, May 10, 1965; lowest 83.15 ft (25.34 m) below lsd, Oct. 10, 1973. Records available: 1963-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 15, 1969	77.55	Oct. 5, 1970	77.70	Oct. 13, 1971	77.85	Nov. 29, 1972	80.35
Oct. 10	78.10	Dec. 1	77.60	May 24, 1972	78.10	May 15, 1973	81.55
May 15, 1970	76.30	May 11, 1971	78.10	Oct. 11	79.30	Oct. 10	83.15

# 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 page 1.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

### Allen County

364440086110501. Marvin Wood. Scottsville. Drilled unused artesian well in limestone of Fort Payne Formation of Early Mississippian age, diam 6 in (15 cm), depth 118 ft (36 m), cased to 30 ft (9 m). Lad about 770 ft (235 m) above msl. MP base of recorder shelter, 2.30 ft (0.70 m) above lsd. Highest water level 8.09 ft (2.47 m) below lsd, July 23, 1969; lowest 29.70 ft (9.05 m) below lsd, Dec. 12, 1962. Records available: 1951-69. Measurement discontinued Dec. 31, 1969. Measurements affected by atmospheric pressure.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.10	27.94	28.18	26.60	28.27	28.38	28.31	28.63	28.11	28.21	28.20	28.20
10	28.20	27.87	28.02	27.92	28.21	28.38	28.42	28.70	28.17	28.18	28.20	27.90
15	28.18	28.08	28.20	27.01	28.37	28.00	28.62	28.70	28.20	28.20	28.20	28.24
20	24.90	28.17	28.20	27.08	25.80	28.34	28.53	28.70	28.69	28.18	28.18	27.88
25	27.80	27.92	28.11	28.19	28.19	27.00	28.49	28.70	28.20	28.18	28.20	28.06
Eom	27.53	27.80	28.20	28.30	28.30	28.16	28.60	28.19	28.17	28.17	28.20	.....

### Bell County

363749083430701. George Crutchfield. Middlesboro. Drilled unused water-table well in shale and sandstone of Breathitt Formation of Early and Middle Pennsylvanian age, diam 6 in (15 cm), depth 39 ft (12 m), length of casing unknown. Lad about 1,130 ft (344 m) above msl. MP top of coupling, 2.50 ft (0.76 m) above lsd. Highest water level 4.60 ft (1.40 m) below lsd, Nov. 27, 1973; lowest 14.34 ft (4.37 m) below lsd, Nov. 20, 1965. Records available: 1964-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.78	6.08	6.98	8.66	9.06	9.69	8.62	9.03	11.28	12.96	12.38	11.40
10	8.28	5.71	6.82	7.93	9.14	10.08	8.73	9.57	11.74	12.95	12.46	10.74
15	8.52	6.72	7.36	7.97	9.38	10.08	7.77	10.17	12.13	13.37	12.39	9.77
20	8.15	6.03	7.77	8.13	9.42	10.14	8.32	10.12	12.23	13.54	11.46	9.98
25	5.88	5.88	7.13	8.37	9.67	7.08	7.70	10.33	12.16	13.44	11.16	9.60
Eom	6.87	6.40	8.73	8.74	10.05	7.75	8.60	10.83	12.63	13.47	11.17	7.16
1970												
5	....	e6.50	7.87	6.36	7.23	8.70	10.20	12.27	8.12	9.85	6.63	8.09
10	....	....	7.51	7.72	8.15	8.60	10.58	10.40	8.62	10.00	7.30	8.52
15	....	....	6.85	8.07	8.14	9.15	11.10	9.75	9.08	8.30	7.09	7.57
20	....	....	7.10	8.10	8.05	9.57	11.58	9.90	9.13	8.23	6.78	7.77
25	8.10	7.19	7.39	8.13	8.67	9.25	11.25	7.82	9.18	8.02	7.00	5.90
Eom	6.75	7.74	6.80	6.13	9.37	9.84	12.12	8.64	9.33	....	7.68	7.14
1971												
5	6.02	5.93	6.38	7.31	8.27	8.23	8.65	6.47	10.48	12.19	10.85	10.63
10	6.67	....	6.49	6.49	6.19	8.75	9.26	7.45	10.86	12.12	10.88	8.23
15	6.02	6.26	6.58	7.38	5.64	8.01	9.32	8.30	11.35	12.54	11.13	8.13
20	6.89	6.62	6.69	8.05	6.92	7.47	9.21	9.00	11.72	12.49	11.03	7.19
25	5.61	....	7.48	8.50	7.68	7.88	9.44	9.29	11.43	11.99	11.14	7.49
Eom	6.85	6.61	7.19	7.74	7.97	8.10	7.07	10.00	11.89	12.04	10.66	8.09

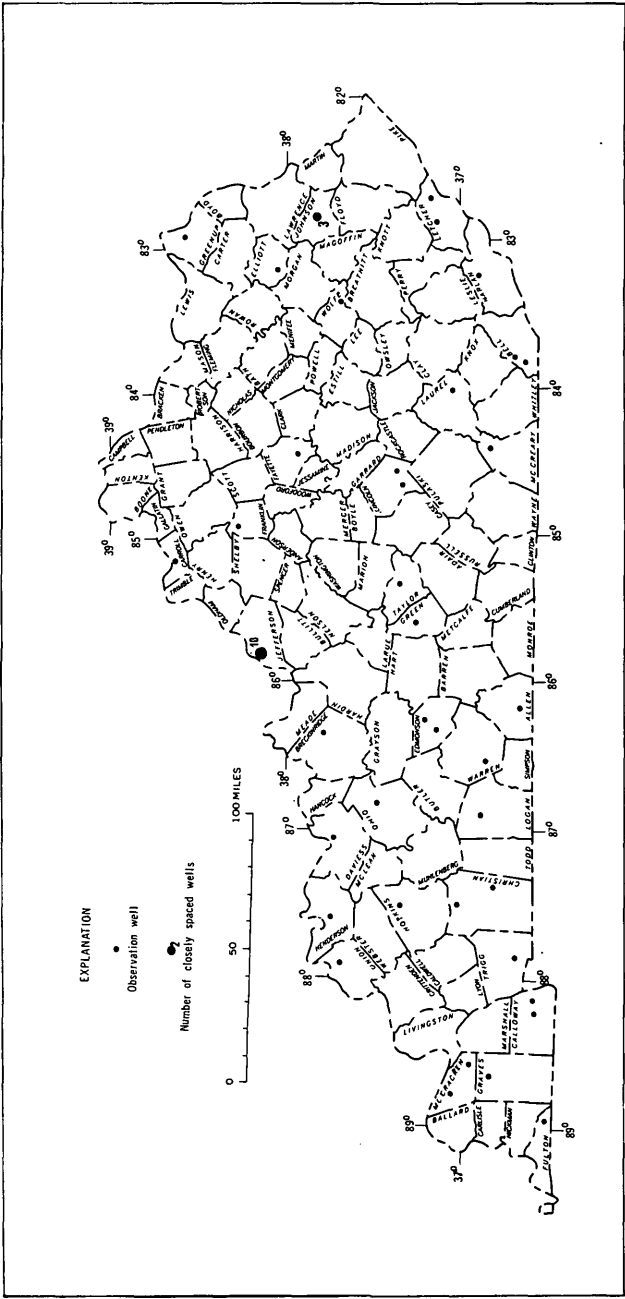


Figure 5.--Location of observation wells in Kentucky, 1969-73.

363749083430701--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.77	6.56	5.75	6.72	7.60	9.18	9.38	7.62	11.77	10.96	8.80	....
10	5.69	6.90	6.60	6.13	7.63	9.31	8.57	8.43	11.55	10.78	7.60	....
15	6.07	5.77	6.08	6.42	6.48	9.45	8.73	9.50	12.05	10.88	7.37	5.56
20	7.00	6.25	6.37	6.40	7.20	9.31	8.70	9.57	12.45	9.54	6.61	6.23
25	6.20	5.39	6.22	6.37	7.99	9.62	9.23	10.25	12.89	9.43	6.58	6.03
Eom	6.22	5.82	6.15	7.46	8.65	9.97	8.00	10.85	12.05	9.33	....	6.80
1973												
5	6.54	6.22	6.56	6.49	6.29	7.65	6.73	6.68	9.25	7.82	7.25	6.14
10	7.03	5.70	6.00	6.33	6.67	7.25	7.38	7.60	9.48	7.68	7.73	6.80
15	7.52	6.14	6.04	7.13	6.76	7.83	8.06	7.25	9.11	8.10	7.93	6.91
20	....	6.75	5.98	7.53	7.53	6.74	8.45	7.80	8.94	8.64	7.41	6.75
25	6.78	7.46	6.06	7.78	7.96	7.71	6.64	8.03	9.47	9.03	6.42	6.30
Eom	6.37	7.53	5.76	6.36	6.46	7.15	6.74	8.76	9.35	6.91	5.60	5.65
e Estimated.												

e Estimated.

364326083383101. U.S. Tennessee Valley Authority. Morristown. Well located 200 ft (61 m) north of U.S. Highway 119, 4 mi (6 km) southeast of Pineville. Drilled unused artesian well in sandstone and shale of Lee Formation of Late Mississippian and Early Pennsylvanian age, diam 6 in (15 cm), depth 92 ft (28 m), length of casing unknown. Lsd about 1,040 ft (317 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 13.47 ft (4.11 m) below lsd, Jan. 1, 1970 (revised); lowest 33.73 ft (10.28 m) below lsd, Oct. 17, 1969. Records available: 1965-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	332.16	328.92	330.92	331.36	331.83	332.34	.....	.....	333.15	333.51	333.04	.....
10	332.23	328.24	330.87	330.96	331.60	332.14	.....	.....	333.24	333.49	.....	.....
15	332.31	330.00	331.04	330.98	331.47	332.23	.....	.....	333.46	333.54	.....	.....
20	330.30	330.17	330.80	331.00	331.75	332.30	.....	.....	333.46	333.65	.....	332.60
25	330.72	329.19	330.87	330.96	332.10	330.73	.....	332.69	333.30	333.47	.....	332.38
Eom	331.63	330.25	331.39	331.50	332.65	.....	.....	333.21	333.46	333.34	.....	334.90
1970												
5	330.00	331.04	331.30	329.41	330.00	330.55	332.62	333.10	331.93	332.70	331.03	332.14
10	331.55	328.86	331.05	331.55	331.20	331.77	.....	331.88	331.90	.....	331.43	332.40
15	331.65	330.50	330.18	332.90	331.30	332.17	.....	332.35	.....	.....	331.51	331.37
20	331.99	.....	330.95	332.95	331.75	332.50	.....	332.65	.....	.....	331.45	331.67
25	331.76	330.85	331.03	331.23	332.17	332.48	.....	331.67	332.51	.....	331.32	328.54
Eom	330.61	331.87	331.09	324.45	332.54	332.78	333.20	332.38	332.40	.....	331.80	331.16
1971												
5	328.72	328.34	330.51	330.73	331.05	331.82	332.10	329.47	332.88	332.34	331.58	332.58
10	330.22	329.63	329.90	329.25	327.75	332.03	332.50	330.95	332.64	332.32	331.82	330.77
15	328.93	330.23	330.15	330.53	325.95	331.98	332.15	331.67	332.76	333.17	332.72	331.40
20	330.48	330.52	329.91	331.23	330.10	331.49	331.95	332.28	332.66	333.19	332.76	331.07
25	328.80	330.30	330.80	331.50	331.05	331.40	332.25	332.33	332.87	331.84	332.45	331.40
Eom	330.20	330.66	330.76	330.38	331.62	331.94	329.51	332.68	332.51	331.58	332.62	331.93
1972												
5	.....	329.85	327.96	329.05	330.35	331.94	332.00	.....	332.83	332.10	331.50	329.98
10	.....	330.29	329.70	.....	330.25	.....	332.29	.....	332.98	332.34	.....	321.25
15	.....	328.10	330.20	.....	329.53	.....	332.52	.....	333.03	332.14	.....	327.66
20	.....	329.28	329.89	328.25	330.30	331.96	332.60	.....	333.20	332.00	329.83	328.95
25	328.73	326.00	329.40	328.75	331.05	332.07	332.27	332.68	333.35	332.04	330.23	328.43
Eom	328.00	327.31	29.65	330.11	331.60	332.28	.....	332.83	332.17	331.85	329.34	329.80
1973												
5	330.25	329.76	.....	329.65	.....	330.25	329.88	330.11	332.56	332.15	.....	.....
10	330.47	328.27	.....	329.70	.....	330.44	330.70	330.98	331.88	331.94	.....	.....
15	330.70	329.46	.....	329.95	.....	.....	331.09	330.93	331.76	332.20	.....	330.30
20	.....	329.83	326.10	330.53	.....	.....	331.10	331.37	332.08	332.49	331.50	330.77
25	330.08	.....	328.45	330.67	.....	331.01	331.27	331.77	332.30	332.57	330.53	330.12
Eom	330.06	.....	329.10	.....	327.75	330.15	330.66	332.03	332.25	331.24	.....	328.30

e Estimated.

j Affected by atmospheric pressure.

## Breckinridge County

374807086200001. Odie Dickerson. Irvington. Drilled unused artesian well in limestone and sandstone of Late Mississippian age, diam 6 in (15 cm), depth 183 ft (56 m), cased to 10 ft (3 m). Lsd about 185 ft (251 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 145.68 ft (44.40 m) below lsd, July 9, 1967; lowest 181.40 ft (55.29 m) below lsd, June 8, 1967. Records available: 1967-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	173.62	174.56	175.06	175.37	175.52	175.70	175.84	160.85	149.55	149.50	149.47	149.46
10	173.90	174.64	175.12	175.43	175.53	175.72	175.86	153.95	149.57	149.45	149.46	149.38
15	174.20	174.72	175.20	175.47	175.56	175.74	175.65	151.15	149.53	149.46	149.45	149.47
20	174.37	174.80	175.26	175.49	175.60	175.76	175.15	149.60	149.55	149.47	149.50	149.43
25	174.50	175.73	175.23	175.45	175.64	175.78	171.25	e149.59	149.51	....	149.48	149.38
Eom	174.63	174.98	175.32	175.48	175.68	175.82	165.15	149.58	149.50	149.47	149.37	149.47

374807086200001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	149.49	149.43	149.36	149.33	149.30	149.01	148.99	148.97	148.96	149.00	148.95	148.98
10	149.43	149.34	149.32	149.33	149.20	148.97	148.43	148.93	148.99	149.01	148.99	148.97
15	149.40	149.38	149.35	149.35	149.17	149.00	148.99	149.00	148.98	149.02	149.00	148.95
20	149.40	149.44	149.32	149.30	149.17	148.97	148.95	148.95	148.96	148.96	148.97	149.01
25	.....	149.31	149.24	149.31	149.07	149.03	148.94	148.96	149.00	148.96	148.95	148.95
Eom	149.42	149.38	149.35	149.30	149.09	149.05	148.94	148.99	149.95	148.99	149.00	148.98
1971												
5	149.07	148.98	148.87	148.84	148.66	148.74	148.61	148.70	148.66	148.63	148.73	148.73
10	149.02	149.00	148.85	148.92	148.75	148.73	148.65	148.64	148.62	148.60	148.75	148.60
15	149.07	148.99	148.84	148.80	148.73	148.68	148.62	148.70	148.65	148.67	148.75	148.68
20	149.05	148.96	148.87	148.76	148.74	148.67	148.67	148.46	148.68	148.72	148.60	148.70
25	148.92	148.93	148.86	148.86	148.79	148.69	148.64	148.63	148.66	148.63	148.70	148.76
Eom	149.02	148.95	148.80	148.77	148.71	148.65	148.72	148.66	148.63	148.74	148.79	148.76
1972												
5	148.76	148.70	148.73	.....	148.44	148.29	148.35	148.55	148.86	148.81	148.75	148.65
10	148.61	148.74	148.75	.....	148.43	148.35	148.34	148.67	148.90	148.86	148.61	148.74
15	148.82	148.66	148.60	.....	148.32	148.30	148.36	148.72	.....	148.80	148.74	148.72
20	148.66	148.75	148.63	.....	148.32	e148.27	148.35	148.75	148.85	148.82	148.70	148.60
25	148.82	148.60	148.55	.....	148.47	148.32	148.25	148.26	145.80	148.85	148.75	148.70
Eom	148.70	148.60	.....	148.44	148.32	148.30	148.38	148.87	148.87	148.70	148.63	148.58
1973												
5	148.59	148.66	.....	148.49	148.38	148.30	148.52	148.35	148.31	148.43	148.45	148.41
10	148.55	148.69	.....	148.45	148.28	.....	148.56	148.35	148.36	148.41	148.53	148.44
15	148.60	148.64	.....	148.93	148.36	148.23	148.50	148.35	148.37	148.42	148.35	148.45
20	148.51	148.65	.....	148.92	148.30	148.10	148.66	148.34	148.37	148.42	148.44	148.34
25	148.65	148.57	.....	148.30	148.26	e148.20	148.35	148.34	148.39	148.37	148.45	148.34
Eom	148.64	148.60	148.38	148.40	148.39	148.57	148.35	148.34	148.89	148.23	148.52	148.36

e Estimated.

## Calloway County

363837088180301. Eli Lilly Co. Indianapolis, Indiana. Well located about 3 mi (5 km) north-east of Murray. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age, diam 6 in (15 cm), depth 210 ft (64 m), screened 190-210 ft (58-64 m). Lsd 475.10 ft (144.81 m) above msl. MP top of casing, 2.75 ft (0.84 m) above lsd. Highest water level 50.13 ft (15.28 m) below lsd, Jan. 3, 1971; lowest 60.79 ft (18.53 m) below lsd, Nov. 6, 1969. Records available: 1967-72. Measurement discontinued Dec. 20, 1972.

## Water level at noon, from recorder graph, 1969

water level at noon, from recorder graph, 1909												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	h51.34	h51.38	h51.35	h51.27	h51.40	.....	h51.25	h51.45	d52.77	h51.48	e60.45	h51.19
10	h51.39	h51.37	h51.25	h50.94	.....	.....	h51.17	h51.52	.....	h51.52	h51.44	h51.02
15	h51.56	h51.33	h51.47	h51.11	.....	.....	h51.23	h51.49	.....	h51.43	h51.31	h51.11
20	h51.40	h51.39	h51.37	h51.19	.....	.....	h51.39	h51.31	.....	h51.51	h51.26	h51.17
25	h51.47	h51.34	h51.17	h51.28	.....	.....	h51.33	h51.31	.....	h51.61	h51.26	h50.78
Eom	h51.39	h51.33	h51.46	h51.33	.....	h51.17	h51.40	h51.45	h51.54	h51.49	h51.13	h50.60
1970												
5	.....	.....	50.67	50.67	50.72	50.72	50.68	51.07	.....	51.35	51.15	50.90
10	.....	.....	50.57	50.77	50.67	h50.74	50.77	51.07	.....	51.19	50.97	50.90
15	.....	.....	50.70	59.60	50.73	50.63	50.91	51.22	.....	51.08	50.98	50.85
20	.....	.....	50.67	50.39	50.84	50.67	50.89	51.17	.....	51.14	h51.02	50.77
25	.....	50.87	50.52	50.62	50.83	50.59	51.02	51.11	.....	51.13	50.97	50.53
Eom	.....	50.90	59.63	50.59	50.88	50.70	51.02	.....	51.33	51.42	50.80	50.32
1971												
5	50.40	50.38	50.37	50.71	50.90	53.05	53.38	.....	52.69	53.40	53.50	53.77
10	50.47	50.40	50.32	51.20	51.94	52.94	53.40	.....	53.51	53.54	54.03	.....
15	50.50	50.40	50.28	51.54	52.38	52.19	53.58	.....	53.43	53.62	54.14	.....
20	50.50	50.39	50.46	51.72	52.62	53.03	53.59	.....	54.17	53.93	54.00	.....
25	50.39	50.33	50.50	51.27	52.87	53.77	53.72	.....	53.23	53.53	53.87	54.12
Eom	50.47	50.37	50.48	50.95	52.95	53.38	.....	53.05	52.67	53.46	53.86	53.56
1972												
5	e53.14	e54.46	e53.88	e53.68	.....	e54.07	e53.70	e53.97	.....	e54.47	.....	e53.60
10	e53.04	e54.53	e54.06	e54.08	.....	e54.07	e53.66	e54.20	.....	e54.53	.....	e53.97
15	e53.96	e54.52	e53.82	e53.89	.....	e54.04	e53.61	e54.32	.....	e54.62	.....	e54.38
20	e53.89	e54.52	e53.78	e54.46	.....	e54.25	e54.12	e54.20	.....	e54.84	.....	e54.52
25	e53.90	e53.91	e53.58	e54.37	e54.14	e54.14	e53.90	.....	e54.13	e55.33	e53.69	.....
Eom	e53.89	e53.88	e53.53	.....	e53.88	e54.40	e53.79	.....	e54.62	.....	e53.72	.....

c Nearby well being pumped.

d Nearby well pumped recently.

h Tape measurement.

363634088191601. Joe Parks. 15th and Main Sts., Murray. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age, diam 12 in (30 cm), depth 345 ft (105 m), screened 290-328, 330-334 ft (88-100, 101-102 m). Lsd 548.97 ft (167.33 m) above msl. MP base of recorder shelter, 2.56 ft (0.78 m) above lsd. Highest water level 123.23 ft (37.56 m) below lsd, Mar. 3, 1953; lowest 130.09 ft (39.65 m) below lsd, Aug. 8, 1969. Records available: 1948-73. Water levels affected by pumping of nearby well.

363634088191601--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	128.29	128.76	128.92	128.72	129.00	129.32	129.32	129.75	129.19	129.49	129.47	129.42
10	128.91	128.65	128.61	128.50	129.05	129.12	129.38	129.63	129.37	129.64	129.26	129.20
15	129.02	128.78	129.03	128.79	129.43	128.68	129.42	129.75	129.35	129.60	129.27	129.12
20	128.63	129.00	129.03	128.76	129.23	129.22	129.42	129.09	129.67	129.56	129.39	129.18
25	128.98	128.88	128.77	129.08	129.14	129.20	129.52	129.11	129.71	129.77	129.35	128.36
Eom	128.79	128.80	128.93	129.20	129.32	129.25	129.79	129.18	129.72	129.63	129.03	128.23
1970												
5	128.45	129.01	128.80	128.86	.....	129.00	128.45	129.48	129.28	129.25	.....	.....
10	128.96	128.89	128.74	129.09	.....	128.92	128.84	129.26	129.38	129.14	.....	.....
15	129.01	128.72	128.68	128.50	.....	.....	129.16	129.44	129.35	129.24	.....	.....
20	128.96	129.28	128.77	128.20	.....	.....	128.82	129.32	129.10	.....	.....	.....
25	128.76	129.08	128.68	128.67	.....	.....	129.10	129.06	.....	.....	.....	.....
Eom	128.96	129.14	128.69	.....	128.87	128.60	129.35	129.18	129.34	.....	.....	127.73
1971												
5	128.07	128.40	128.46	128.42	128.57	128.97	128.87	129.30	128.74	129.24	129.41	128.77
10	128.07	128.42	128.39	128.62	128.39	128.82	129.26	128.70	129.26	129.98	129.30	128.85
15	128.15	128.18	128.15	128.40	128.54	128.77	129.25	128.55	129.24	129.36	128.99	128.89
20	128.33	128.48	128.47	128.67	128.84	128.64	129.23	128.79	128.93	129.37	129.05	128.56
25	128.07	128.42	128.57	128.37	128.74	129.15	129.08	128.78	129.21	128.91	128.96	128.30
Eom	128.05	128.20	128.57	128.73	128.66	129.25	129.40	129.02	129.39	129.08	128.71	128.20
1972												
5	128.30	128.68	128.58	128.70	129.02	128.53	128.85	129.08	129.03	129.34	128.61	128.51
10	127.97	128.83	128.94	128.47	128.88	128.77	128.80	129.10	129.30	129.29	128.76	128.40
15	128.51	128.63	128.76	128.66	128.45	128.90	129.25	128.95	129.49	129.02	128.72	128.75
20	128.78	128.67	128.47	128.80	128.67	129.09	129.19	128.89	129.37	129.20	128.55	128.44
25	128.77	128.67	128.67	128.87	128.89	129.17	129.14	129.08	128.99	129.08	128.18	127.92
Eom	128.55	128.68	128.39	128.81	128.75	129.35	128.75	129.32	129.14	128.71	128.75	127.85
1973												
5	127.94	128.03	128.07	128.43	128.26	128.04	128.25	128.22	128.69	129.00	128.12	127.93
10	128.51	128.11	128.16	128.15	128.08	128.18	128.41	128.57	128.40	128.59	128.38	127.82
15	128.40	128.22	128.21	128.19	128.13	127.92	128.54	128.41	128.72	128.27	128.14	127.85
20	128.51	128.48	127.93	128.18	127.83	128.09	128.83	128.28	128.84	128.54	128.06	127.63
25	128.48	128.29	127.61	128.15	127.79	128.22	128.67	128.71	128.66	128.57	127.56	127.33
Eom	128.27	128.46	128.25	128.03	127.67	128.22	128.16	128.86	128.85	128.18	128.82	127.23

Carroll County

384043085111301. Schenley Distillers, Inc. Carrollton. Drilled unused water-table well in sand and gravel of Quaternary age, diam 8 in (20 cm), depth 110 ft (34 m), screened 96-110 ft (29-34 m). Lsd about 455 ft (139 m) above msl. MP top of casing, 3.40 ft (1.04 m) above lsd. Highest water level 9.00 ft (2.74 m) below lsd, Mar. 10, 1955; lowest 38.31 ft (11.68 m) below lsd, Dec. 19, 1960. Records available: 1951-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.28	23.69	33.81	32.27	32.45	34.44	35.62	34.07	35.90	36.40	36.38	36.13
10	33.55	25.37	34.35	28.70	32.41	35.00	35.00	35.27	35.95	36.40	36.47	35.63
15	34.62	28.75	34.17	30.15	29.12	35.14	34.07	35.49	36.20	36.62	36.49	32.48
20	32.37	31.79	34.79	27.30	.....	35.10	34.86	35.17	36.30	36.50	35.85	33.56
25	29.13	32.95	33.63	28.34	30.70	35.01	.....	34.56	34.56	36.36	36.51	e35.25
Eom	24.60	33.16	31.56	29.30	33.72	34.90	34.05	35.89	36.45	36.31	35.37	33.00
1970												
5	26.63	.....	30.00	17.52	24.20	32.53	34.93	35.62	36.35	36.44	36.30	33.35
10	33.95	.....	25.85	20.85	30.20	33.63	34.90	35.57	36.27	36.55	31.52	33.42
15	34.43	.....	27.67	26.93	27.65	34.33	35.15	36.04	36.29	35.92	32.63	31.40
20	.....	.....	28.23	28.28	28.67	33.80	35.08	36.07	36.25	36.00	31.87	31.17
25	.....	.....	28.87	22.10	31.30	34.00	35.67	e36.00	36.40	.....	32.08	22.38
Eom	.....	31.02	28.50	18.60	32.00	34.70	35.51	36.25	36.18	35.00	.....	e23.50
1971												
5	e24.00	31.85	22.95	30.67	33.12	.....	34.80	33.20	35.53	35.34	35.44	34.30
10	25.45	24.80	22.50	30.43	24.10	.....	35.07	.....	35.91	35.66	35.75	29.55
15	28.50	25.94	22.97	31.63	23.00	.....	34.86	.....	33.95	36.00	36.10	35.65
20	29.15	25.00	24.00	32.53	e23.50	.....	34.35	.....	32.98	36.22	36.03	36.65
25	32.35	19.21	26.52	32.65	e29.25	34.35	34.89	.....	34.11	36.05	36.05	32.70
Eom	31.85	19.45	29.40	33.35	33.05	34.20	35.07	35.65	34.10	35.68	35.77	32.65
1972												
5	29.90	29.95	18.40	27.75	15.60	32.77	25.60	33.60	35.30	34.44	31.40	29.33
10	26.20	31.44	20.15	21.53	24.75	33.89	26.05	34.15	35.64	33.98	30.24	21.00
15	27.05	28.25	23.95	19.50	23.95	33.53	30.08	34.60	35.53	35.16	27.80	15.50
20	31.62	27.40	21.37	12.75	25.85	32.67	31.77	33.73	35.55	35.46	27.65	19.35
25	e37.50	26.75	22.18	12.30	e29.00	28.77	33.16	34.55	35.60	35.09	27.15	19.50
Eom	27.27	18.47	25.65	21.75	32.11	22.09	33.49	34.94	35.45	35.14	28.10	23.50
1973												
5	24.87	26.05	30.25	24.30	18.05	27.90	31.35	33.85	35.45	35.63	33.34	26.95
10	27.00	25.15	27.58	e21.00	23.95	27.45	32.87	34.58	35.56	35.50	34.47	31.46
15	31.38	26.55	27.96	21.20	23.14	30.00	33.58	34.25	35.72	35.63	34.87	32.18
20	31.79	28.25	20.65	22.63	27.80	28.05	33.89	34.17	35.70	35.85	34.76	31.76
25	29.90	30.38	19.95	22.42	27.60	29.90	31.32	34.28	35.75	36.00	34.50	28.95
Eom	28.40	31.43	21.87	17.70	23.85	30.84	33.20	35.13	35.80	35.35	23.20	22.82

e Estimated.

## Christian County

365142087270401. Western State Hospital. Hopkinsville. Drilled unused water-table well in Ste. Genevieve Limestone of Late Mississippian age, diam 8 in (20 cm), depth 85 ft (26 m), cased to 10 ft (3 m). Lsd about 550 ft (168 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 2.26 ft (0.69 m) below lsd, Feb. 22, 1961; lowest 25.01 ft (7.62 m) below lsd, Sept. 25, 1970. Records available: 1950-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.21	11.90	12.32	.....	15.48	16.20	12.42	16.58	16.79	17.32	.....	16.30
10	13.44	11.77	12.16	.....	15.80	16.27	14.60	16.88	16.95	17.17	.....	12.65
15	15.11	12.25	12.16	.....	16.04	12.58	15.88	16.94	17.17	16.69	.....	15.26
20	11.98	12.21	13.33	9.88	15.20	15.90	16.12	13.04	17.49	17.30	.....	15.94
25	12.00	12.01	12.10	12.27	16.03	11.88	16.28	16.20	17.80	e17.13	.....	14.45
Eom	8.30	12.19	9.68	13.78	16.17	15.00	16.33	16.84	19.88	17.50	16.10	10.25
1970												
5	12.09	12.12	12.00	11.53	12.88	16.26	17.27	17.65	23.70	24.70	14.85	16.90
10	13.20	11.70	12.19	12.28	14.82	16.50	19.95	15.84	24.32	14.59	15.70	16.10
15	e13.04	8.00	12.26	14.00	15.73	16.10	20.00	16.56	24.60	12.08	15.32	12.22
20	12.60	11.98	11.90	13.31	16.00	16.33	17.81	17.05	24.72	14.07	11.00	12.29
25	14.40	12.31	12.10	12.23	16.21	16.86	17.15	20.80	24.88	15.50	12.58	11.70
Eom	14.90	13.29	11.93	12.10	16.60	16.93	17.16	22.80	24.40	12.28	15.29	12.68
1971												
5	12.10	11.93	12.46	12.62	15.70	16.10	17.00	14.35	16.89	17.09	20.40	17.01
10	12.20	12.28	12.25	14.25	.....	16.17	14.00	16.32	16.98	21.12	17.50	12.27
15	11.93	11.61	12.35	15.46	.....	16.60	14.50	16.90	17.49	22.71	20.10	12.48
20	e12.50	11.20	12.97	15.85	.....	15.10	16.88	17.02	16.04	23.68	15.80	13.00
25	e12.80	.....	14.64	16.03	15.51	16.90	17.00	17.08	17.06	16.36	16.90	14.33
Eom	15.32	12.19	15.57	16.19	16.00	16.91	16.94	19.53	17.21	17.60	16.77	15.26
1972												
5	11.50	.....	11.89	12.57	14.61	.....	14.10	14.60	16.03	16.09	12.92	.....
10	10.88	.....	12.31	13.70	14.50	.....	15.77	13.69	16.11	16.26	.....	.....
15	12.34	.....	12.46	11.50	15.36	.....	15.98	15.30	16.16	16.26	.....	.....
20	12.57	.....	12.13	12.39	15.89	.....	15.89	15.70	16.18	14.95	12.18	.....
25	.....	9.19	12.50	12.21	16.69	17.05	16.05	15.88	15.50	9.93	12.15	12.29
Eom	.....	12.06	12.51	12.87	16.22	17.06	12.48	16.00	15.79	12.15	12.00	12.19
1973												
5	11.93	12.24	13.80	12.36	12.17	13.48	15.96	16.43	16.83	17.40	16.38	12.55
10	12.40	11.84	12.30	12.20	12.67	13.42	16.08	16.10	16.97	16.92	17.00	14.78
15	12.72	11.96	11.90	12.50	13.96	14.22	16.18	16.25	17.00	16.78	17.58	15.90
20	13.54	12.37	11.50	8.60	15.43	15.46	16.26	16.50	17.10	17.42	e15.00	12.29
25	12.21	12.61	12.26	11.50	15.10	15.66	16.30	16.51	17.10	17.75	11.90	11.96
Eom	12.00	13.10	12.10	12.43	12.34	15.88	16.38	16.70	17.18	15.50	11.49	e7.00

e Estimated.

370733087291201. Williams Coal Co. Mannington. Drilled unused artesian well in Tradewater Formation of Middle Pennsylvanian age, diam 6 in (15 cm), depth 95 ft (29 m), length of casing unknown. Lsd about 425 ft (130 m) above msl. MP top of casing, 5.00 ft (1.52 m) above lsd. Highest water level 0.38 ft (0.12 m) below lsd, Mar. 22, 1952; lowest 14.88 ft (4.54 m) below lsd, Jan. 13, 1954. Records available: 1952-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.40	14.62	14.42	14.17	14.18	14.68	.....	15.99	15.72	16.33	16.68	16.15
10	15.43	14.69	14.38	14.10	14.33	14.91	.....	15.91	15.88	16.40	16.79	15.84
15	15.60	14.67	14.47	14.10	14.57	14.90	.....	15.77	15.95	16.47	16.77	15.76
20	15.35	14.70	14.38	14.01	14.55	15.00	.....	15.84	15.96	16.55	16.66	15.70
25	15.26	14.46	14.29	14.04	14.45	.....	16.11	.....	16.17	.....	16.50	15.47
Eom	13.40	14.38	14.39	14.14	14.55	.....	16.20	15.70	16.23	16.67	16.23	.....
1970												
5	.....	4.74	4.24	.....	4.65	4.40	5.75	5.95	6.84	7.61	7.10	6.50
10	.....	4.52	4.25	.....	4.79	4.92	5.27	6.06	6.98	7.64	7.06	6.22
15	.....	1.67	4.00	.....	4.85	15.10	5.87	6.30	7.16	7.49	7.01	6.05
20	.....	.....	3.90	.....	5.11	5.10	5.40	6.43	7.30	7.40	6.64	5.83
25	.....	4.24	3.96	4.54	5.21	5.15	5.67	6.56	7.37	7.42	6.69	5.40
Eom	4.95	4.32	4.11	.....	5.14	5.55	5.80	6.77	7.47	7.16	6.40	5.26
1971												
5	5.14	4.19	4.41	4.80	4.65	5.15	5.62	5.89	5.97	6.26	6.88	6.76
10	5.06	4.75	4.26	4.86	4.18	5.20	5.85	5.55	5.97	6.46	6.88	6.15
15	4.45	4.61	4.43	4.84	4.40	4.85	5.05	5.22	6.16	6.79	6.86	5.92
20	4.43	4.52	4.61	4.81	4.60	5.15	4.80	5.75	6.29	6.92	6.59	6.30
25	e4.85	3.89	4.70	4.88	4.80	5.00	5.55	5.85	6.49	6.89	6.70	5.79
Eom	4.87	4.25	4.70	4.99	5.00	5.25	5.80	5.96	6.55	6.90	6.69	5.45
1972												
5	5.22	4.85	4.49	4.69	4.48	.....	5.56	6.15	6.36	6.77	6.63	5.20
10	4.98	4.79	4.50	4.66	4.55	.....	5.98	5.93	6.48	6.84	6.27	4.93
15	5.22	4.69	4.34	4.55	4.25	.....	5.40	6.19	6.59	6.87	6.08	4.76
20	e4.95	4.00	4.52	4.30	4.55	.....	6.15	5.82	6.70	e6.84	5.79	4.75
25	e5.10	4.15	4.57	4.62	4.78	5.57	e6.41	6.29	6.70	e6.85	5.55	4.05
Eom	4.74	4.36	4.61	4.40	.....	5.40	6.00	6.35	6.72	6.77	5.39	4.48
1973												
5	4.60	4.79	4.60	3.15	4.05	4.46	6.10	6.69	7.44	8.17	8.45	6.65
10	4.76	4.74	4.14	3.05	4.07	4.70	6.26	6.73	7.55	8.17	8.69	6.55
15	4.88	4.70	3.90	3.85	4.30	4.95	6.37	6.78	7.68	8.22	8.69	6.42
20	4.95	4.71	3.12	3.90	4.40	5.30	6.48	6.95	7.98	8.34	8.64	6.30
25	4.94	4.16	3.50	3.85	4.42	5.65	6.55	7.07	8.14	8.37	7.80	6.07
Eom	4.83	4.62	3.35	4.05	4.50	5.97	6.58	7.30	8.32	8.32	7.10	5.45

e Estimated.

j Affected by atmospheric pressure.



Daviess County

374638087054101. Owensboro Municipal Utilities. Owensboro. Drilled unused water-table well in sand and gravel of Quaternary age, diam 12 in (30 cm), depth 104 ft (32 m), screened 74-104 ft (23-32 m). Lsd about 405 ft (123 m) above msl. MP floor of recorder shelter, 4.33 ft (1.32 m) above lsd. Highest water level 23.09 ft (7.04 m) below lsd, Mar. 15, 1964; lowest 63.21 ft (19.27 m) below lsd, Sept. 17, 1970. Records available: 1951-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	46.50	c40.19	54.67	d55.10	c53.30	d53.47	d53.73	c58.47	c53.60	d54.40	c57.20	c58.24
10	c50.90	c42.70	53.18	c54.30	d54.90	c55.21	c58.50	d54.90	c54.33	d54.80	c56.40	c57.60
15	c51.67	45.60	c51.30	c52.82	c58.60	d53.92	c59.35	c58.78	c55.60	c55.20	d56.70	d56.57
20	c51.10	c51.75	c53.50	49.60	c57.70	d58.58	d56.00	d56.90	d54.65	c56.10	c57.45	d56.52
25	d47.30	c52.60	c55.54	c51.00	d56.80	c58.05	c58.74	c58.00	d56.69	d56.10	c57.65	d55.47
Eom	d44.00	51.30	c54.80	c53.40	d58.50	c55.45	c57.30	d52.00	c56.90	c57.35	d56.00	c58.15

1970

5	46.10	c49.70	d54.12	43.50	c43.20	d53.09	d50.60	c58.25	d61.60	c56.90	d59.60	d55.40
10	c56.20	c52.85	c49.70	c42.80	d48.50	c59.30	d55.10	c59.42	c62.50	d58.18	c56.00	c57.20
15	c59.17	c51.10	c52.57	c52.50	c55.90	c57.50	c58.20	c59.61	d61.00	d55.40	d52.40	c57.79
20	c59.94	....	c59.00	c57.40	c56.29	d54.05	c54.00	d60.02	d60.60	c61.00	c58.00	d53.70
25	c56.00	c52.20	c58.90	d49.50	....	c59.20	d53.00	d61.20	c58.95	c57.20	c59.81	d46.60
Eom	c54.70	d56.80	c56.60	d44.30	d52.10	c56.80	c60.60	d61.80	c59.19	d61.25	c57.00	d45.00

1971

5	c56.20	d57.09	c48.68	c56.01	d54.88	c61.30	d54.38	c59.60	d51.90	c59.61	c58.02	d53.90
10	d48.80	d46.50	c50.09	c59.10	c52.90	61.10	c60.20	d54.60	c56.00	d53.51	c57.66	d57.60
15	d54.00	c50.60	c50.88	c59.69	c45.98	c60.60	c60.00	d53.00	d56.75	c60.00	58.00	c58.20
20	c55.00	c47.00	c51.25	d60.00	c48.40	d56.50	c60.20	c56.80	c56.30	c59.83	c57.14	c53.80
25	c57.40	c45.29	c55.70	d55.90	c56.20	c61.80	d54.80	c56.61	d53.05	c59.51	d56.80	c56.18
Eom	d55.18	d42.60	c58.60	d53.80	c55.40	c60.95	d57.00	c55.69	c59.49	d54.98	c58.18	d50.80

1972

5	52.65	c53.59	c36.60	c57.40	c51.82	c56.69	c51.62	d54.98	c55.30	c55.58	d49.40	50.60
10	e48.00	....	d37.20	c52.97	c51.30	d56.42	c53.20	c56.97	c56.22	d54.80	d52.11	d40.50
15	e47.80	....	c42.85	d42.12	c51.25	c57.80	d51.59	c57.80	c52.98	d51.02	d50.40	d32.45
20	c56.59	....	c44.20	d35.40	c53.80	d56.89	c58.25	d55.60	c56.20	d54.30	49.00	c35.80
25	c54.60	c51.30	d43.81	d36.00	c59.35	d53.40	c57.66	c55.30	c52.40	c52.60	d46.80	c37.60
Eom	d49.20	41.85	c49.10	c35.80	d59.40	d53.90	c56.00	d54.58	d52.45	d52.18	c51.40	c40.39

1973

5	c46.80	c48.60	55.00	c50.00	c43.40	d55.10	c58.50	c53.90	c55.60	c55.00	c54.30	c42.40
10	d43.40	c47.05	54.40	d44.90	d52.00	d55.45	d58.60	c55.70	d53.90	53.89	d54.19	c49.62
15	c52.70	c50.00	c54.60	d44.90	c53.16	d56.25	d52.90	....	c52.00	c53.70	c55.00	c53.65
20	c52.40	c52.40	d49.90	c50.83	d55.82	c59.32	c53.30	....	c52.20	c54.00	d53.30	c56.00
25	c55.60	d53.00	c38.80	c44.90	c58.20	c57.40	c51.60	....	c56.10	c53.80	d52.80	d53.00
Eom	d51.90	56.10	c49.00	c48.20	c53.78	d37.80	c55.59	c56.92	d53.82	c53.00	d45.50	d42.30

c Nearby well being pumped.

d Nearby well pumped recently.

e Estimated.

j Affected by atmospheric pressure.

Edmonson County

371122086052101. 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 (20 cm), depth 295 ft (90 m), cased to 65 ft (20 m). Lsd about 565 ft (172 m) above msl. MP top of casing, 1.60 ft (0.49 m) above lsd. Highest water level 81.50 ft (24.84 m) below lsd, Apr. 4, 1968; lowest 132.00 ft (40.23 m) below lsd, Aug. 24, 1962. Records available: 1961-70. Measurement discontinued Dec. 31, 1970.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	129.90	129.58	129.65	128.85	129.70	129.80	129.75	129.91	129.92	130.00	129.98	129.91
10	129.82	129.30	129.70	129.45	129.60	129.82	129.80	129.92	130.00	130.00	129.98	129.84
15	129.95	129.60	129.70	128.90	129.75	129.80	129.80	129.92	129.97	130.00	129.99	129.89
20	128.15	129.60	129.75	120.40	128.32	129.85	129.90	129.95	130.01	129.89	129.89	129.80
25	128.20	129.60	129.41	129.51	129.60	127.00	129.87	129.95	129.98	130.03	129.90	129.89
Eom	126.38	129.60	129.62	129.60	129.75	129.70	129.91	129.98	129.99	129.98	129.90	114.50

1970

5	126.70	129.30	128.00	123.60	124.98	129.80	129.92	129.90	129.87	129.82	129.71	129.78
10	127.05	125.25	129.57	128.70	126.30	129.82	130.00	129.89	129.85	129.82	128.48	129.79
15	129.60	120.00	129.60	129.55	129.60	129.81	129.98	129.85	129.86	129.80	129.62	129.78
20	129.65	128.20	129.60	129.57	129.60	129.84	129.91	129.82	129.85	129.60	129.20	129.73
25	129.60	128.40	129.62	129.58	129.70	129.83	129.91	129.86	129.80	129.77	129.71	126.40
Eom	128.69	129.55	129.52	116.80	129.79	129.92	129.89	129.90	129.80	129.75	129.75	128.01

370923086041601. U.S. National Park Service. Mammoth Cave National Park, Mt. McKinley test well No. 2. Drilled unused artesian well in Ste. Genevieve Limestone of Late Mississippian age, diam 10 in (25 cm), depth 491 ft (150 m), cased to 23 ft (7 m). Lsd about 860 ft (262 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 419.38 ft (127.83 m) below lsd, Apr. 8, 1968 (revised); lowest 441.51 ft (134.57 m) below lsd, July 13, 1966. Records available: 1965-73.

370923086041601--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	430.01	427.38	429.01	428.91	428.87	429.43	430.70	431.22	431.04	430.91	431.20	430.86
10	430.47	427.56	429.20	428.32	428.86	430.28	430.90	435.71	431.03	430.86	430.85	430.26
15	430.32	427.96	429.80	427.80	429.72	431.50	430.60	432.40	431.34	430.87	431.00	430.80
20	c 430.11	428.80	429.47	428.10	429.10	430.24	435.05	432.70	430.95	430.92	430.86	430.84
25	428.99	428.60	429.20	427.01	428.90	428.77	432.10	431.70	431.20	431.00	430.97	430.59
Eom	427.62	428.59	429.31	428.19	429.41	429.73	431.58	435.55	430.86	431.00	430.60	428.65
1970												
5	427.66	.....	427.85	425.30	426.09	430.21	431.23	431.63	430.99	430.60	.....	430.50
10	427.86	.....	427.71	426.40	426.40	429.90	431.80	431.16	431.35	430.76	.....	430.58
15	428.95	.....	428.67	427.50	426.94	438.67	434.00	434.90	430.91	430.77	.....	.....
20	429.50	.....	428.90	428.25	428.27	438.60	431.20	432.07	430.72	430.30	.....	.....
25	429.72	427.20	425.84	429.10	429.24	431.43	432.05	434.50	430.90	429.99	429.68	427.60
Eom	429.78	427.60	428.69	427.08	429.61	433.30	432.40	431.20	430.88	.....	430.32	427.92
1971												
5	427.93	429.02	427.56	428.61	429.70	429.48	432.06	428.95	431.02	430.57	430.97	430.93
10	428.28	428.49	427.80	428.90	428.60	429.89	436.38	433.66	431.30	430.51	430.91	430.30
15	427.40	427.00	427.99	429.89	427.60	429.82	432.49	434.81	430.11	430.78	430.98	430.20
20	427.50	426.70	428.58	429.36	428.09	430.05	433.00	430.07	434.05	430.90	430.30	430.20
25	427.95	426.34	429.08	429.74	429.00	429.97	434.40	430.82	430.70	430.77	431.06	430.14
Eom	428.97	427.10	429.46	430.28	428.70	430.05	430.00	430.50	430.36	430.95	430.94	430.45
1972												
5	429.80	.....	425.05	427.13	427.50	428.60	430.47	432.50	430.12	430.21	429.40	426.82
10	431.20	.....	425.63	428.60	.....	429.76	430.15	433.00	430.91	429.94	427.80	425.80
15	429.70	.....	425.70	.....	.....	428.92	430.15	431.20	430.22	430.11	428.30	424.90
20	428.70	.....	426.16	.....	.....	429.21	431.21	430.65	430.50	430.16	428.10	424.40
25	427.50	425.14	426.69	425.50	430.16	429.50	.....	430.40	430.80	429.94	427.20	425.20
Eom	424.80	423.87	426.90	425.88	428.44	430.20	429.90	430.51	429.95	431.00	427.75	425.31
1973												
5	424.80	427.33	428.01	426.33	426.20	427.00	430.98	429.90	432.00	430.67	430.62	425.98
10	425.80	427.29	426.65	425.60	426.20	427.00	430.98	429.90	.....	430.67	430.73	426.80
15	426.90	426.92	427.37	425.22	425.37	430.54	429.80	431.60	.....	430.47	430.12	427.66
20	427.58	426.78	424.77	426.10	426.35	428.88	430.05	431.80	.....	430.52	430.32	428.62
25	428.00	427.33	425.43	428.40	429.32	431.00	430.70	430.70	.....	430.83	430.50	427.90
Eom	427.60	427.96	425.84	426.58	426.95	430.79	430.84	431.50	.....	430.22	425.90	427.01
c Nearby well being pumped.												
d Nearby well pumped recently.												
e Estimated.												
j Affected by atmospheric pressure.												

c Nearby well being pumped.

d Nearby well pumped recently.

e Estimated.

j Affected by atmospheric pressure.

## Elliott County

380425083091901. Roy Adkins. Sandy Hook. Drilled unused water-table well in rocks of Pennsylvania age, diam 6 in (15 cm), depth 70 ft (21 m), length of casing unknown. Lsd about 780 ft (238 m) above msl. MP base of recorder shelter, 3.55 ft (1.08 m) above lsd. Highest water level 11.50 ft (3.51 m) below lsd, July 18, 1971; lowest 46.35 ft (14.13 m) below lsd, Dec. 17, 1953. Records available: 1952-73.

water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	21.36	19.96	21.58	20.64	20.56	21.42	22.86	22.33	21.32	21.80	23.18	22.85
10	22.14	19.97	21.57	20.88	20.28	21.68	21.27	22.66	19.95	22.07	23.37	22.53
15	22.79	20.75	21.58	19.76	20.54	22.06	20.32	23.07	20.66	22.40	23.85	20.30
20	21.67	21.41	21.79	19.14	20.43	22.48	20.86	19.75	20.93	22.60	23.47	21.26
25	20.05	21.41	21.28	20.05	20.78	22.81	21.15	20.30	21.17	22.85	22.57	21.67
Eom	19.50	21.38	21.27	19.84	21.09	23.07	21.88	21.05	21.48	23.18	22.45	12.00
1970												
5	.....	19.70	19.85	e18.30	.....	20.67	23.22	23.33	23.50	.....	19.37	22.05
10	.....	18.74	20.20	e22.00	.....	21.12	23.40	23.03	23.59	.....	20.67	22.60
15	.....	16.75	20.06	e19.80	.....	21.52	23.48	23.07	23.56	.....	20.67	19.70
20	20.92	e19.50	20.72	e20.50	.....	22.10	23.57	23.24	23.87	.....	20.25	19.24
25	21.47	.....	20.84	19.67	20.06	22.35	.....	23.27	22.97	.....	20.48	.....
Eom	19.74	.....	19.10	.....	20.58	22.84	23.25	23.53	.....	.....	21.55	e19.40
1971												
5	18.80	15.50	20.30	21.46	22.57	21.35	21.06	18.73	21.10	20.36	22.38	23.09
10	19.60	.....	19.33	21.64	19.39	21.78	21.64	.....	21.23	21.08	22.52	21.87
15	18.55	.....	19.40	21.93	.....	.....	19.28	.....	21.41	21.61	22.76	22.26
20	19.75	.....	20.15	22.09	.....	.....	17.88	.....	19.62	22.21	22.98	22.46
25	20.44	20.06	20.67	.....	20.27	.....	.....	21.54	20.40	22.24	23.48	22.07
Eom	20.46	20.00	21.07	22.43	20.71	.....	18.45	22.23	19.04	22.20	23.18	22.14
1972												
5	18.63	19.28	.....	19.97	20.10	21.02	.....	19.12	21.71	19.42	19.44	18.95
10	18.20	20.36	.....	19.57	20.50	21.13	.....	19.70	21.79	20.66	18.80	18.20
15	19.67	19.00	.....	.....	20.65	20.82	.....	19.36	22.36	21.14	19.45	19.18
20	20.35	20.20	.....	19.60	19.58	.....	.....	20.95	19.65	22.57	20.97	18.20
25	.....	.....	20.52	19.33	19.95	.....	21.17	20.82	22.86	21.28	18.90	19.54
Eom	19.34	.....	20.87	19.85	20.56	.....	18.93	21.42	20.45	21.45	18.59	20.20
1973												
5	19.54	20.43	21.13	19.40	19.70	19.77	20.03	21.70	23.23	23.98	23.47	20.60
10	20.43	19.47	20.72	18.89	18.84	19.64	20.75	22.07	23.20	23.56	24.10	22.14
15	.....	19.01	20.67	19.76	19.61	19.82	21.37	22.24	22.86	23.75	23.94	22.75
20	.....	20.10	19.34	.....	20.10	20.13	21.65	22.42	23.03	24.35	24.05	22.94
25	20.56	20.95	19.14	18.96	.....	20.33	21.01	22.54	23.30	24.69	22.65	21.38
Eom	21.14	21.27	19.65	18.87	19.31	20.58	21.40	22.91	23.48	23.33	19.60	19.16

e Estimated.

Fayette County

375928084362001. M. A. Kehrt. Lexington. Drilled unused water-table well in Lexington Limestone of Middle and Late Ordovician age, diam 6 in (15 cm), depth 132 ft (40 m), cased to 15 ft (5 m). Lsd about 940 ft (287 m) above msl. MP base of recorder shelter, 1.90 ft (0.58 m) above lsd. Highest water level 0.69 ft (0.21 m) below lsd, Feb. 28, 1962; lowest 48.56 ft (14.80 m) below lsd, Mar. 12, 1954. Records available: 1954-73.

## Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.30	9.62	12.15	12.43	12.65	12.75	12.80	12.92	13.40	13.35	13.13	12.90
10	12.85	11.14	12.16	12.40	8.10	12.78	12.82	12.89	13.56	13.24	13.19	12.23
15	13.42	12.98	12.53	11.37	11.03	12.77	12.82	12.96	13.48	13.32	13.15	12.11
20	9.47	13.72	12.62	6.99	12.36	12.77	12.85	9.64	13.52	13.29	12.55	12.64
25	9.00	13.79	12.25	9.39	12.53	.....	12.81	11.42	13.38	13.23	12.73	12.83
Eom	7.10	12.36	12.62	12.27	12.67	12.77	12.92	13.28	13.37	13.28	12.83	6.00

## 1970

5	8.40	8.60	4.86	6.80	7.88	12.35	13.20	13.34	13.05	12.78	12.15	12.65
10	11.43	7.58	8.17	9.22	11.10	12.67	13.27	13.20	13.07	12.87	12.44	9.56
15	12.54	6.75	10.36	7.06	11.75	12.75	13.33	13.15	13.10	12.85	12.69	.....
20	11.25	7.65	11.53	12.40	12.48	12.81	13.09	13.10	13.07	12.94	12.25	.....
25	12.34	9.85	11.93	5.34	12.67	13.07	13.35	13.10	13.13	.....	11.30	.....
Eom	11.11	11.80	9.17	5.60	12.80	13.26	13.36	13.04	12.25	.....	12.24	.....

## 1971

5	.....	.....	11.15	12.51	12.65	12.72	12.64	12.77	12.95	12.93	13.06	13.08
10	.....	.....	8.89	12.70	8.12	12.85	13.12	12.80	12.91	12.90	13.00	12.35
15	6.18	7.38	8.94	12.65	5.97	12.77	12.60	12.88	12.88	12.96	13.05	6.76
20	.....	8.29	.....	12.68	5.96	12.16	12.64	12.92	12.93	13.00	12.90	12.37
25	.....	7.57	12.22	12.80	12.05	11.12	12.21	12.93	12.97	12.96	13.09	12.14
Eom	12.13	8.65	12.57	12.69	12.51	12.36	12.76	12.93	12.80	12.98	.....	10.55

## 1972

5	9.10	.....	.....	.....	.....	12.77	.....	8.33	12.59	12.44	.....	.....
10	7.30	10.87	.....	8.66	.....	12.80	.....	7.78	12.67	12.65	.....	.....
15	9.25	7.51	12.95	5.06	.....	12.74	.....	.....	12.64	12.70	11.06	6.76
20	11.25	10.55	8.76	.....	.....	12.74	11.38	.....	12.72	12.70	8.06	6.76
25	8.25	.....	.....	.....	12.65	.....	9.15	12.43	12.66	12.70	8.82	8.90
Eom	8.45	.....	.....	.....	12.70	.....	8.99	12.59	12.43	12.75	.....	.....

## 1973

5	.....	11.57	12.18	7.80	9.63	9.93	11.18	12.37	12.70	12.81	12.78	9.85
10	.....	11.43	8.54	7.34	8.97	6.75	12.34	12.52	12.73	12.83	12.86	11.84
15	12.08	11.25	11.27	9.41	8.76	7.37	12.54	8.50	12.78	12.80	12.73	12.35
20	.....	9.14	7.21	11.76	11.95	7.54	12.63	12.24	12.78	12.75	12.80	12.35
25	12.21	11.68	7.75	10.66	7.25	12.65	8.10	12.54	.....	12.75	12.33	8.62
Eom	12.33	12.12	8.39	7.50	7.58	7.87	11.75	12.67	12.74	12.68	6.50	7.90

Franklin County

381628084575801. Alvin Rodgers. Bagdad. Dug unused water-table well in shale and limestone of Clays Ferry Formation of Middle and Late Ordovician age, diam 35 in (91 cm), depth 22 ft (7 m), shored. Lsd about 880 ft (268 m) above msl. MP top of concrete well cover at base of recorder shelter, 0.50 ft (0.15 m) above lsd. Highest water level 7.25 ft (2.21 m) below lsd, Apr. 15, 1972; lowest 19.75 ft (6.02 m) below lsd, Nov. 20, 1953. Records available: 1953-73.

## Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.30	14.94	14.89	13.45	12.04	12.81	14.19	15.72	16.17	17.21	18.43	18.71
10	17.26	14.78	14.78	13.18	12.36	13.07	14.39	15.95	16.13	17.45	18.55	18.67
15	17.34	14.82	14.25	13.00	12.61	13.34	14.64	16.19	16.18	17.67	18.65	18.67
20	17.25	14.93	14.20	11.01	12.46	13.55	14.95	16.25	16.37	17.89	18.62	18.69
25	16.68	14.94	14.45	11.15	12.35	13.78	15.19	16.22	16.62	18.08	18.67	18.69
Eom	14.77	14.94	13.93	11.62	12.57	14.04	15.44	16.17	16.93	18.30	18.69	18.13

## 1970

5	18.11	16.81	13.98	10.89	9.32	11.90	12.85	14.73	14.58	15.09	14.75	14.98
10	18.09	16.30	13.91	11.47	10.00	11.56	13.14	14.53	14.18	15.18	14.83	15.06
15	18.02	15.85	14.01	11.86	10.58	11.80	13.47	14.62	14.22	15.12	14.43	14.77
20	17.76	15.33	13.91	12.08	10.95	12.02	13.79	14.72	14.38	15.05	14.88	14.22
25	17.64	15.20	13.45	10.54	11.50	12.26	14.13	14.83	15.06	14.69	14.90	12.83
Eom	17.28	15.28	12.30	9.24	12.08	12.55	14.45	14.49	15.03	.....	14.93	13.09

## 1971

5	12.90	12.11	10.91	10.91	12.01	11.99	13.62	13.98	14.55	15.97	16.32	16.75
10	12.36	12.20	10.15	10.91	11.02	12.33	13.88	13.82	14.89	15.60	16.44	16.25
15	11.90	11.49	9.73	11.08	10.10	12.55	13.95	13.88	14.98	15.46	16.50	16.10
20	11.93	10.77	9.89	11.39	10.54	12.79	13.96	14.11	15.22	15.90	16.60	15.93
25	12.56	10.13	10.20	11.58	11.15	12.98	14.12	14.36	15.50	16.03	16.70	15.80
Eom	12.77	10.49	10.75	11.85	11.62	e13.25	14.12	14.62	15.35	16.42	16.71	15.61

## 1972

5	15.20	13.10	9.53	9.05	.....	11.92	13.80	14.78	15.69	15.70	15.95	15.07
10	14.22	12.65	9.54	8.66	.....	12.25	14.08	.....	15.77	15.74	15.61	13.98
15	14.88	11.85	9.47	7.25	9.43	12.55	14.28	.....	15.86	15.75	15.31	13.56
20	14.65	11.69	9.08	.....	9.72	12.81	14.46	.....	15.99	15.91	15.27	13.01
25	14.31	10.40	8.65	.....	10.67	13.14	14.64	16.00	15.98	e16.00	15.36	12.93
Eom	13.88	9.95	9.14	.....	11.53	13.52	14.76	15.95	15.84	16.27	15.12	12.59

381628084575801--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.11	11.38	11.28	e9.30	11.35	.....	e11.55	12.30	14.40	15.72	16.78	15.76
10	12.10	11.71	10.90	.....	10.38	11.51	11.70	12.80	14.74	15.86	16.57	15.79
15	12.30	11.10	11.00	9.75	e10.90	11.65	11.98	12.80	15.12	15.97	16.05	15.75
20	12.65	11.36	10.35	9.25	.....	11.16	12.45	13.05	15.43	15.80	16.60	15.49
25	12.54	11.74	10.12	8.80	.....	11.29	12.31	13.52	15.66	.....	16.25	15.56
Eom	12.28	.....	9.90	9.08	10.74	11.07	12.10	14.20	15.90	15.99	15.59	15.11

e Estimated.

Fulton County

363024088521701. Fulton Water Works. Norman and Water Sts., Fulton. Drilled unused artesian well in sand of Eocene age, diam 8 in (20 cm), depth 130 ft (40 m), length of casing unknown. Lsd 363.24 ft (110.72 m) above msl. MP base of recorder shelter, 2.00 ft (0.61 m) above lsd. Highest water level 2.28 ft (0.69 m) below lsd, May 27, 1973; lowest 13.58 ft (4.14 m) below lsd, Nov. 21, 1947. Records available: 1945, 1947, 1950-73. Water levels affected by pumping of nearby well.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.70	4.98	4.85	4.22	4.69	5.54	6.14	6.35	6.25	6.44	6.13	5.90
10	6.07	4.87	4.94	4.00	4.92	5.42	6.10	6.44	6.30	6.28	6.02	.....
15	6.02	4.63	5.12	4.03	....	5.16	6.32	6.52	6.20	6.27	6.05	....
20	5.08	5.05	4.84	4.57	5.02	5.18	6.30	5.90	6.48	6.02	5.71	....
25	5.36	4.85	....	4.25	5.28	5.56	6.31	6.15	6.30	6.45	5.76	....
Eom	4.99	4.60	4.97	4.61	5.33	5.79	6.45	6.32	6.23	6.11	5.55	5.12
1970												
5	6.28	6.05	4.53	4.43	4.23	4.93	4.90	5.68	5.79	5.61	4.93	4.98
10	....	5.08	4.44	4.50	3.96	4.99	4.98	5.43	5.95	5.37	4.92	5.03
15	....	4.94	4.51	4.68	4.38	4.53	5.37	5.84	5.90	5.15	4.92	4.82
20	....	5.21	4.44	4.25	4.64	4.25	5.26	5.63	5.49	4.78	4.62	4.65
25	....	4.89	4.29	4.48	4.69	4.42	5.49	5.57	5.57	4.72	5.13	3.95
Eom	5.64	5.08	4.56	4.42	4.80	4.72	5.45	5.75	5.23	5.18	4.83	4.50
1971												
5	4.65	4.39	3.95	4.33	3.49	5.00	5.60	5.67	5.43	5.55	5.82	6.16
10	4.50	4.60	4.05	4.50	3.83	4.95	6.04	5.63	5.46	5.50	5.88	5.53
15	4.62	4.18	3.77	4.59	3.08	4.95	5.33	5.80	5.46	5.75	5.87	5.46
20	4.65	3.95	3.95	4.47	3.72	5.25	5.74	5.93	5.49	5.85	5.75	5.45
25	4.37	3.83	4.19	4.24	3.55	5.47	5.55	5.50	5.46	5.65	5.91	5.23
Eom	4.64	4.02	4.03	3.63	4.90	5.93	5.85	5.45	5.54	5.75	5.90	5.29
1972												
5	5.21	5.18	4.22	4.10	....	4.87	5.06	5.03	5.04	5.30	4.61	4.12
10	5.10	4.99	4.57	4.44	....	5.19	5.18	4.90	5.42	5.54	4.46	3.64
15	5.63	4.17	4.58	4.08	....	5.22	5.38	4.90	5.46	5.43	4.50	3.59
20	....	4.89	4.66	4.51	....	5.20	4.99	5.21	5.48	5.25	4.31	3.58
25	5.55	4.52	4.28	3.98	4.88	5.47	5.18	5.17	5.32	5.16	3.82	3.75
Eom	4.75	4.59	4.22	....	4.46	5.39	4.88	5.17	5.16	4.69	4.22	3.68
1973												
5	3.79	3.77	3.65	3.54	2.92	3.10	3.35	3.91	4.10	4.40	4.05	3.23
10	4.28	3.76	3.65	3.44	2.87	3.61	3.53	3.92	4.18	4.20	4.42	....
15	....	3.56	3.47	3.35	3.05	3.61	3.69	3.77	4.28	4.28	3.75	....
20	....	3.66	3.39	3.09	3.04	3.61	3.78	3.94	4.12	4.07	3.68	....
25	3.97	3.39	3.41	2.98	2.92	3.14	3.67	4.08	4.20	4.21	3.04	....
Eom	3.67	3.81	3.40	2.95	3.01	3.33	3.75	4.05	4.18	3.76	3.60	....

Graves County

365210088391301. J. Whittemore. Near Viola. Drilled unused artesian well in sand of Eocene age, diam 10 in (25 cm), depth 106 ft (32 m), screened 85-105 ft (26-32 m). Lsd 405.65 ft (123.64 m) above msl. MP top of concrete flue block, 5.04 ft (1.54 m) above lsd. Highest water level 11.26 ft (3.43 m) below lsd, Apr. 25, 1973; lowest 19.24 ft (5.86 m) below lsd, Jan. 10, 1957. Records available: 1951-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	h14.81	h13.74	h14.24	h13.70	h14.07	h15.23	h15.38	h15.98	h16.35	.....	h16.79	h16.62
10	h15.30	.....	h14.42	h13.35	h14.08	h15.28	h15.36	h16.11	h16.61	.....	h16.80	h16.24
15	h15.20	.....	h14.70	h13.33	h14.65	h15.37	h15.51	h16.24	h16.50	.....	h16.83	h16.58
20	h14.21	.....	h14.39	h13.61	h14.87	h15.17	h15.58	h16.25	h16.71	.....	h16.93	h16.57
25	h14.59	.....	h14.46	h13.66	h14.92	h15.23	h15.63	h16.26	h16.63	.....	h16.71	h16.40
Eom	h13.81	h13.90	h14.71	h13.99	h14.87	h15.51	h15.90	h16.36	h16.73	h16.63	h16.42	.....
1970												
5	.....	15.41	h14.08	13.48	13.53	14.65	15.18	h16.09	16.38	16.73	16.62	16.57
10	.....	14.80	13.95	13.73	13.61	14.61	15.32	15.92	16.52	16.79	16.69	16.48
15	.....	14.73	14.29	14.15	13.67	14.69	15.61	16.30	16.72	16.80	16.83	16.45
20	.....	14.97	13.84	13.83	14.05	14.77	15.68	16.18	16.59	16.57	16.57	16.44
25	.....	14.45	13.44	13.58	14.07	14.68	15.92	16.30	16.66	16.48	16.55	15.41
Eom	15.57	14.67	13.64	13.41	14.57	15.12	15.82	16.50	16.62	16.72	16.52	15.35

365210088391301--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.49	15.02	14.18	14.79	15.10	15.73	16.12	16.28	15.82	15.08	15.85	16.02
10	15.25	15.16	13.96	15.12	15.45	15.73	16.26	15.98	15.38	15.19	16.00	15.36
15	15.41	14.66	14.00	14.88	15.47	15.65	16.18	16.16	15.43	15.42	16.04	15.13
20	15.21	14.28	14.33	14.82	15.68	15.93	16.27	16.32	15.44	15.66	15.66	14.86
25	14.82	13.88	14.44	15.07	15.60	16.00	16.11	15.94	14.91	15.64	16.23	15.14
Eom	15.25	14.22	14.51	15.29	15.69	16.06	16.36	15.97	14.88	15.83	16.16	15.10
1972												
5	14.84	14.34	13.66	14.20	13.80	14.69	15.33	14.57	15.14	.....	15.23	13.73
10	14.12	14.03	13.70	14.05	13.80	14.92	15.14	14.62	15.44	.....	14.33	13.27
15	15.09	13.64	13.29	14.00	.....	14.94	15.05	14.48	15.45	.....	14.45	13.06
20	14.37	14.23	13.59	13.78	.....	14.88	15.26	14.54	15.64	16.12	14.36	12.80
25	15.20	13.50	13.89	13.53	14.29	15.15	15.12	14.73	15.64	15.95	13.57	.....
Eom	14.14	13.37	13.97	13.55	14.52	15.38	14.62	15.01	.....	15.66	13.96	.....
1973												
5	.....	12.90	13.22	12.62	11.84	12.47	.....	14.48	14.78	15.47	15.73	13.68
10	.....	13.08	13.14	.....	11.55	12.78	.....	14.36	14.87	15.27	15.91	13.96
15	.....	12.82	12.60	12.54	12.09	.....	.....	14.45	14.89	15.37	15.16	14.05
20	.....	13.00	12.19	12.07	12.11	.....	.....	14.50	15.03	15.38	15.31	13.99
25	13.21	13.08	11.83	11.26	12.21	.....	.....	14.58	15.08	15.34	14.65	13.69
Eom	12.89	13.37	12.11	11.79	12.49	.....	14.22	14.76	15.12	14.96	14.16	13.08
h Tape measurement.												

h Tape measurement.

## Green County

371555085314601. Paul Gardner. Greensburg. Drilled unused water-table well in Fort Payne Formation of Early Mississippian age (previously reported limestone of Late Mississippian age), diam 6 in (15 cm), depth 25 ft (8 m), cased to 10 ft (3 m). Lsd about 630 ft (192 m) above msl. MP base of recorder shelter, 3.50 ft (1.07 m) above lsd. Highest water level 7.27 ft (2.22 m) below lsd, Feb. 27, 1962; lowest 22.44 ft (6.84 m) below lsd, Nov. 18, 1963. Records available: 1958-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.24	18.00	17.95	16.50	18.19	19.10	19.44	20.72	20.30	21.35	20.07	19.51
10	17.87	17.83	17.77	17.40	18.23	19.41	19.56	21.13	19.45	21.27	20.85	.....
15	18.17	18.52	18.05	14.91	18.47	18.34	19.88	21.32	20.34	21.40	21.18	.....
20	13.70	18.08	18.14	14.90	17.44	19.96	20.31	18.64	20.90	21.45	.....	18.15
25	17.10	17.15	17.93	17.86	18.11	18.10	19.38	18.68	21.22	20.88	.....	18.15
Eom	14.60	17.87	18.07	18.10	18.25	18.57	20.27	19.72	21.39	21.48	19.32	12.50
1970												
5	17.88	17.54	15.30	16.75	17.20	18.34	20.00	19.86	19.37	19.26	18.24	18.45
10	18.12	15.50	17.87	17.84	17.75	19.04	20.35	18.05	18.08	18.39	18.92	18.32
15	18.09	11.72	18.05	18.05	18.15	19.15	20.69	19.35	19.10	17.80	17.97	18.17
20	17.82	17.67	17.75	18.00	18.25	19.41	18.00	19.73	18.08	17.90	17.20	17.96
25	18.00	18.00	18.00	17.97	18.45	19.53	19.18	19.83	18.77	18.17	18.12	17.23
Eom	17.98	18.11	17.46	16.30	19.07	19.80	19.67	20.54	18.27	18.42	18.27	18.08
1971												
5	10.45	13.65	17.76	17.76	18.07	18.14	19.54	15.15	20.04	20.42	20.49	20.11
10	17.41	17.76	17.80	17.55	17.25	18.70	19.88	17.97	20.08	20.59	20.50	18.59
15	10.05	16.60	17.83	17.94	16.50	18.97	18.50	18.25	20.10	20.36	20.50	18.25
20	17.89	15.30	17.97	18.08	18.35	18.04	16.45	18.87	20.25	20.38	20.41	17.20
25	17.75	17.27	18.08	18.16	17.85	18.08	18.12	19.57	20.33	20.33	20.40	18.23
Eom	18.07	17.63	18.16	18.20	18.14	18.58	17.99	19.91	20.03	20.28	19.58	18.47
1972												
5	14.85	17.73	16.20	16.60	18.15	19.47	19.97	18.31	20.50	18.10	17.90	15.30
10	14.80	17.38	17.58	16.83	17.95	18.31	20.11	19.61	20.81	19.44	17.64	13.95
15	18.90	16.60	17.53	15.60	16.55	19.47	20.28	20.17	21.18	19.16	18.07	16.20
20	17.95	17.80	17.55	17.50	18.00	20.02	18.85	20.17	21.30	18.06	15.88	16.99
25	17.00	13.30	17.45	17.60	18.18	20.11	19.76	20.27	20.30	18.75	17.78	17.61
Eom	17.00	16.96	17.55	17.99	18.60	18.97	17.65	20.30	17.75	17.11	17.20	14.65
1973												
5	16.15	17.35	17.10	16.27	17.48	18.00	18.08	18.30	20.37	19.95	18.10	18.04
10	17.21	17.00	17.41	16.83	17.65	18.10	17.14	19.34	18.70	20.03	19.49	18.17
15	18.05	15.50	15.35	17.76	18.03	17.00	18.07	19.00	20.14	20.13	19.59	18.95
20	18.01	17.67	16.82	15.17	18.09	17.78	18.13	20.02	20.46	20.86	19.65	14.50
25	17.00	18.02	17.68	16.11	.....	18.07	17.84	20.15	20.64	20.82	13.16	17.13
Eom	17.51	18.09	17.68	17.56	17.54	17.80	18.09	20.23	20.83	19.50	17.05	16.90

e Estimated.

## Greenup County

383854082515501. U.S. Army Corps of Engineers. Huntington, West Virginia. Well located on a fill area about 1,000 ft (305 m) south of Greenup Locks and Dam. Drilled unused water-table well in glacial sand and gravel of Quaternary age, diam 6 in (15 cm), depth 77 ft (23 m), screened. Lsd about 547 ft (167 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 37.91 ft (11.55 m) below lsd, Dec. 11, 1972; lowest 51.51 ft (15.70 m) below lsd, Nov. 19, 1969. Records available: 1967-73.

383854082515501--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	47.92	44.75	49.27	e48.50	47.41	49.55	50.57	50.27	50.64	51.04	51.23	51.25
10	48.95	45.85	49.66	47.52	48.80	49.84	50.12	50.50	50.76	51.05	51.25	51.20
15	49.24	46.92	49.80	48.40	47.64	50.06	49.80	50.32	50.86	51.07	51.34	.....
20	49.31	48.21	49.82	47.56	48.52	50.24	50.97	50.48	50.91	51.06	51.41	49.95
25	48.24	48.70	49.90	47.28	48.57	50.44	50.06	49.94	51.01	51.20	51.15	50.10
Eom	47.50	48.85	e49.00	47.46	49.18	50.42	50.00	50.41	50.98	51.22	51.00	49.65
1970												
5	47.92	47.00	48.60	42.10	45.83	47.60	48.44	48.77	.....	49.23	47.27	47.45
10	48.70	45.78	46.70	43.83	47.65	47.80	48.45	48.70	.....	49.39	47.00	47.55
15	49.54	46.60	46.22	45.77	47.33	48.12	48.45	48.79	.....	49.26	47.30	46.65
20	50.15	e47.00	47.48	46.49	47.26	48.05	48.58	48.85	.....	49.07	46.95	46.60
25	49.87	.....	47.25	44.75	.....	48.05	48.65	48.95	49.19	.....	47.20	41.98
Eom	49.00	48.20	47.28	43.50	47.22	48.25	48.77	.....	49.15	.....	47.75	45.50
1971												
5	46.15	47.00	41.85	45.65	47.25	46.75	47.73	47.20	48.87	47.86	48.30	47.96
10	44.02	e46.00	40.43	45.89	42.95	46.96	47.90	47.63	48.93	48.16	48.40	45.60
15	45.75	e45.00	42.20	46.20	42.94	47.14	47.98	47.97	48.45	48.35	48.60	46.00
20	46.08	e44.00	42.75	46.56	44.19	47.25	47.96	48.23	e48.25	48.50	48.50	46.52
25	46.85	40.55	43.13	.....	46.05	e47.75	48.04	48.63	e47.75	48.60	48.75	46.95
Eom	47.21	41.05	45.01	47.27	46.60	47.55	48.11	48.80	47.65	48.38	48.80	47.51
1972												
5	45.95	45.99	39.78	.....	43.50	.....	.....	46.50	47.80	47.55	46.70	44.95
10	43.57	46.55	40.65	.....	44.20	.....	.....	46.25	47.50	47.50	45.70	39.15
15	44.60	44.15	42.07	.....	43.65	.....	.....	46.62	47.53	47.70	45.80	39.47
20	46.05	44.68	40.77	.....	44.03	46.21	45.00	46.82	47.63	47.85	46.85	41.53
25	44.50	44.17	41.35	39.05	e44.21	42.38	45.65	46.75	e47.75	47.92	43.95	40.00
Eom	44.04	40.00	43.05	41.80	.....	.....	46.25	47.08	47.89	47.95	43.85	43.00
1973												
5	.....	42.70	45.73	42.50	40.49	.....	.....	48.76	49.25	49.60	49.12	45.87
10	.....	42.33	44.28	40.66	40.90	.....	.....	48.86	49.35	49.65	49.52	45.75
15	.....	43.70	45.15	41.25	43.20	.....	.....	49.00	49.46	49.70	49.52	45.75
20	46.30	e44.50	39.95	e43.00	e43.75	.....	.....	48.99	49.40	49.87	49.55	47.80
25	45.78	45.86	39.93	42.25	e43.25	.....	48.48	49.00	49.60	49.88	49.45	46.89
Eom	44.74	46.10	42.07	37.70	e42.17	.....	48.59	49.15	49.65	49.25	49.25	42.95
e Estimated.												

e Estimated.

Harlan County

365157083192101. J. D. White. Harlan. Drilled unused water-table well in Hance Formation of Early Pennsylvanian age, diam 6 in (15 cm), depth 101 ft (31 m), cased to 22 ft (7 m). Lsd about 1,280 ft (390 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 17.18 ft (5.24 m) below lsd, Apr. 1, 1965; lowest 32.29 ft (9.84 m) below lsd, Oct. 17, 1951. Records available: 1951-69. Measurement discontinued Sept. 25, 1969.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.57	.....	30.23	29.37	28.70	28.36	28.42	28.67	29.10	.....	.....	.....
10	28.74	.....	30.14	29.24	28.45	28.26	28.42	28.74	29.18	.....	.....	.....
15	.....	.....	30.03	29.24	28.55	28.22	28.54	28.77	29.16	.....	.....	.....
20	.....	.....	29.80	29.37	28.50	28.34	28.46	28.91	29.27	.....	.....	.....
25	.....	30.22	29.77	29.05	28.41	28.39	28.52	28.94	29.33	.....	.....	.....
Eom	30.32	30.11	29.73	28.94	28.32	28.39	28.60	29.05	.....	.....	.....	.....

Henderson County

375200087342901. Audie Wilson. Henderson. Drilled unused artesian well in sandstone and shale of Carbonale Formation of Middle Pennsylvanian age, diam 6 in (15 cm), depth 109 ft (33 m), cased to 57 ft (17 m). Lsd about 385 ft (117 m) above msl. MP floor of recorder shelter, 0.69 ft (0.21 m) above lsd. Highest water level 27.12 ft (8.27 m) below lsd, Mar. 7, 1950; lowest 43.83 ft (13.36 m) below lsd, Dec. 28, 1954. Records available: 1949-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	40.29	39.70	38.03	38.60	38.07	38.14	38.77	39.32	39.76	40.21	40.60	40.83
10	40.23	39.37	38.08	38.64	37.98	38.25	38.98	39.42	39.84	40.27	40.63	40.84
15	40.20	38.93	38.20	38.62	37.97	38.39	39.04	39.46	39.90	40.34	40.69	40.87
20	40.13	38.51	38.27	38.52	38.00	38.50	39.11	39.55	39.98	40.41	40.75	40.86
25	40.10	38.12	38.44	38.31	38.04	38.06	39.17	e39.62	40.07	40.47	40.78	40.88
Eom	39.92	38.04	38.53	38.22	38.06	38.68	39.25	39.69	40.13	40.54	40.80	40.88
1970												
5	.....	.....	.....	.....	36.05	35.34	36.76	37.78	38.57	39.14	39.57	39.56
10	.....	.....	.....	.....	35.63	35.55	36.89	37.92	38.69	39.24	39.58	39.57
15	.....	.....	.....	.....	35.22	35.83	37.09	38.07	38.80	39.33	39.58	39.59
20	.....	.....	.....	.....	35.07	36.10	37.25	38.20	38.91	39.38	39.55	39.60
25	.....	.....	.....	.....	36.65	35.03	36.30	36.43	38.34	39.00	39.45	39.55
Eom	40.43	39.53	.....	36.35	35.20	36.49	37.65	38.46	39.08	39.55	39.55	39.45

375200087342901--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	39.31	38.12	37.18	35.38	35.67	35.60	36.56	37.48	38.08	38.59	39.06	39.45
10	39.03	38.16	36.65	35.57	35.85	35.76	36.74	37.59	38.19	38.66	39.15	39.52
15	e38.76	38.13	36.06	35.70	35.94	35.90	36.92	37.70	38.32	38.75	39.21	39.47
20	e38.54	37.96	35.66	35.88	35.96	36.10	37.09	37.80	38.38	38.83	39.28	39.43
25	e38.35	37.79	35.41	36.02	35.73	36.25	37.22	37.88	38.45	38.89	39.34	39.35
Eom	38.00	37.61	35.29	35.46	35.60	36.42	37.38	38.00	38.51	39.00	39.42	39.28
1972												
5	39.23	38.33	37.49	34.57	32.30	35.64	34.44	35.21	36.48	37.42	38.11	37.50
10	39.13	38.19	36.98	34.57	31.84	33.02	34.51	35.45	36.64	37.53	38.12	37.31
15	39.08	38.07	36.24	34.55	31.73	33.36	34.50	35.64	36.84	37.68	38.13	36.99
20	38.93	37.97	35.57	34.31	31.83	33.70	34.65	35.86	37.00	37.81	38.06	36.58
25	38.70	37.85	35.05	33.85	32.02	34.07	34.77	36.04	37.17	37.91	37.85	35.90
Eom	38.47	37.72	34.69	33.09	32.64	34.30	34.98	36.30	37.30	38.02	37.67	34.85
1973												
5	34.30	34.70	34.94	33.99	32.15	31.95	33.08	34.55	35.79	36.82	37.50	37.70
10	33.99	34.81	35.01	33.61	31.75	32.07	33.33	34.74	35.97	36.94	37.65	37.53
15	33.94	34.81	35.11	33.28	31.47	32.24	33.59	34.94	36.16	37.06	37.70	37.19
20	34.03	34.77	35.11	33.01	31.34	32.46	33.86	35.05	36.33	37.20	37.80	36.96
25	34.35	34.74	34.83	32.73	31.40	e32.60	34.10	35.37	35.50	37.30	37.95	36.85
Eom	34.50	34.81	34.40	32.45	31.69	32.83	34.25	35.60	36.63	37.42	37.92	36.75
e Estimated.												

e Estimated.

## Hopkins County

372428087372901. R. K. Brooks. Nebo. Drilled unused artesian well in Sturgis Formation (previously reported Llsman Formation) of Late Pennsylvanian age, diam 6 in (15 cm), depth 50 ft (15 m), cased to 9 ft (3 m). Lsd about 425 ft (130 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 0.67 ft (0.20 m) below lsd, Apr. 3, 1968; lowest 16.48 ft (5.02 m) below lsd, Dec. 26, 1952. Records available: 1952-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.05	2.14	3.15	2.34	4.90	5.30	4.83	6.89	8.40	8.89	8.74	6.15
10	4.70	2.61	3.23	1.90	5.07	5.90	4.95	7.26	8.57	8.87	8.72	3.85
15	5.05	3.47	4.08	2.10	5.51	5.85	4.90	7.63	8.67	8.85	8.65	4.22
20	2.14	3.55	4.26	2.05	5.55	5.66	5.75	7.85	8.80	8.82	4.44	4.44
25	2.80	2.94	2.85	3.54	5.50	3.45	6.06	e8.15	8.81	8.85	5.37	3.98
Eom	1.76	3.00	2.99	4.47	5.59	4.70	6.55	8.32	8.87	8.80	5.62	1.37
1970												
5	2.97	2.81	1.21	2.34	3.35	5.93	6.60	7.30	8.19	8.66	5.01	3.75
10	4.00	1.67	2.66	3.60	3.20	6.25	6.70	7.38	8.33	8.61	5.24	4.01
15	4.60	.92	2.37	4.28	3.93	6.27	6.86	7.64	8.44	6.50	4.90	2.53
20	3.48	2.55	1.27	1.69	4.75	6.25	6.65	7.71	8.47	7.23	2.11	2.41
25	3.87	2.30	1.75	1.60	5.11	6.35	7.10	7.90	8.56	7.51	3.49	2.18
Eom	2.55	2.95	1.60	2.10	5.73	6.60	7.08	8.12	8.58	5.20	3.26	3.07
1971												
5	2.38	1.74	2.15	4.82	5.86	5.78	5.88	6.82	7.93	8.61	8.85	9.10
10	3.42	2.75	1.62	5.12	4.31	5.27	5.13	6.90	8.06	8.63	8.86	8.95
15	2.07	1.88	2.32	5.26	3.25	4.87	6.08	7.11	8.23	8.67	8.89	8.94
20	2.60	1.65	3.20	5.45	4.60	4.75	6.24	7.30	8.33	8.73	8.88	8.93
25	e2.26	2.18	4.03	5.75	5.24	5.28	6.31	7.46	8.50	8.74	9.03	8.93
Eom	3.00	2.52	4.93	5.95	5.80	5.70	6.62	7.74	8.57	8.80	9.02	8.83
1972												
5	8.66	6.13	2.00	3.47	5.04	6.28	7.26	7.93	8.87	9.51	9.53	3.15
10	8.16	8.77	2.95	3.65	5.70	6.50	7.29	8.09	9.09	9.58	9.36	1.47
15	8.10	2.40	3.45	1.60	5.60	6.59	7.36	8.24	9.20	9.64	7.35	1.46
20	7.22	3.92	2.79	3.07	6.30	6.59	7.51	8.44	9.33	9.50	6.50	1.16
25	e7.85	1.41	3.95	3.60	5.90	6.86	7.53	8.46	9.40	9.67	4.76	1.52
Eom	6.37	2.36	2.74	4.99	6.11	7.11	7.74	8.72	9.90	9.65	3.70	1.60
1973												
5	2.10	2.10	3.79	2.30	3.03	4.56	6.15	7.24	9.23	10.01	10.01	7.00
10	4.00	2.77	3.01	1.91	3.58	5.19	6.22	7.48	9.45	10.06	10.01	7.57
15	5.05	1.33	2.17	3.46	4.58	5.49	6.16	7.61	9.61	10.08	.....	7.87
20	2.23	2.38	2.17	1.29	5.15	5.82	6.52	8.19	9.29	10.06	9.99	7.00
25	2.30	3.85	2.70	1.42	5.40	5.91	6.69	8.78	9.90	10.03	6.79	2.90
Eom	1.75	3.77	1.90	3.15	4.04	6.08	6.86	8.95	9.98	10.01	5.45	2.88
e Estimated.												

e Estimated.

## Jefferson County

380606085531301. Rubber Reserve Co. Bethany Lane, east of Lower River Rd. Drilled observation water-table well in glacial sand and gravel, diam 6 in (15 cm), depth 92 ft (28 m), screened 88-90 ft (26.8-27.4 m). Lsd 433.89 ft (132.25 m) above msl. MP top of coupling, 0.93 ft (0.28 m) above lsd. Highest water level 23.96 ft (7.30 m) below lsd, May 4, 1951; lowest 40.87 ft (12.46 m) below lsd, Feb. 19, 1961. Records available: 1945-73.

380606085531301--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	32.98	32.65	32.04	32.10	31.94	31.80	32.09	32.42	32.73	32.95	33.21	33.43
10	32.91	32.56	31.98	32.16	31.85	31.82	32.15	32.45	32.76	33.98	33.25	33.44
15	32.94	32.40	32.07	32.16	31.88	31.87	32.20	32.51	32.76	33.03	33.28	33.48
20	32.81	32.33	32.00	32.07	31.84	31.90	32.26	32.55	32.81	33.07	33.34	33.50
25	32.86	32.16	31.91	32.07	31.81	31.96	32.3	32.61	32.84	33.13	33.38	33.47
Eom	32.74	32.07	32.05	32.03	31.77	32.04	32.37	32.65	32.95	33.27	33.40	33.46
1970												
5	33.49	33.21	32.39	31.77	30.79	30.15	30.48	31.11	31.55	31.93	32.15	31.99
10	33.44	33.10	32.32	31.65	30.58	30.18	30.55	31.17	31.62	31.98	32.14	31.98
15	33.34	33.03	32.20	31.56	30.43	30.23	30.74	31.27	31.70	32.03	32.03	32.00
20	33.27	32.92	32.10	31.23	30.31	30.29	30.82	31.33	31.75	32.05	32.00	31.98
25	33.21	32.68	32.04	31.13	30.18	30.36	30.94	31.40	31.81	32.06	32.08	31.82
Eom	33.26	32.69	32.15	30.94	30.18	.....	31.05	31.50	31.85	32.15	32.00	31.73
1971												
5	33.68	33.70	33.20	32.87	32.91	32.81	32.97	32.98	33.27	33.54	33.77	33.10
10	33.44	33.92	32.82	32.84	32.94	32.89	32.98	32.91	33.34	33.53	33.83	33.86
15	33.39	33.76	32.53	32.75	32.98	32.94	32.94	33.02	33.44	33.60	33.89	33.90
20	33.27	33.49	32.30	32.70	32.90	32.90	32.92	33.12	33.52	33.67	33.80	33.85
25	33.15	33.47	32.23	32.78	32.92	32.96	32.92	33.14	33.43	33.70	33.96	33.81
Eom	33.96	33.39	32.95	32.89	32.80	32.98	32.81	33.21	33.54	33.75	33.18	33.93
1972												
5	33.93	33.20	32.58	32.80	32.55	32.55	32.71	32.92	32.73	32.83	32.95	28.45
10	33.60	33.08	32.28	32.72	32.61	32.61	32.70	32.75	32.77	32.83	32.82	28.47
15	33.85	32.99	32.73	32.71	32.72	32.68	32.61	32.74	32.78	32.81	29.03	28.00
20	33.41	e29.90	32.71	32.75	32.63	32.64	32.69	32.76	32.80	32.89	28.95	27.84
25	33.77	32.59	32.43	32.70	32.51	32.64	32.60	32.73	32.85	32.84	28.40	27.80
Eom	33.26	32.51	32.17	32.82	32.52	32.62	32.83	32.71	32.87	32.84	28.46	27.33
1973												
5	32.72	32.59	32.42	32.65	32.47	32.40	32.43	32.48	32.66	32.69	32.98	32.05
10	32.84	32.63	32.33	32.50	32.53	32.40	32.33	32.55	32.77	32.64	32.85	32.65
15	32.68	32.52	32.46	32.58	32.46	32.45	32.45	32.52	32.53	32.68	32.70	32.60
20	32.64	32.48	32.29	32.48	32.39	.....	32.59	32.51	32.65	32.63	32.85	32.60
25	32.69	32.42	32.50	32.50	32.48	e24.17	32.73	32.53	32.63	32.60	e27.90	32.64
Eom	32.64	32.45	32.50	32.53	32.42	32.43	32.85	32.58	32.62	32.60	32.71	32.60

e Estimated.

j Affected by atmospheric pressure.

380852085515901. Mrs. Ethel Waller. Waller Lane. Dug and driven unused water-table well in glacial sand and gravel, diam 36 in (91 cm), reported depth 50 ft (15 m), shored. Led 456.75 ft (139.22 m) above msl. MP top of concrete base, 0.30 ft (0.09 m) above lsd. Highest water level 36.65 ft (11.17 m) below lsd, Oct. 23, 1973; lowest 47.48 ft (14.47 m) below lsd, Jan. 24, 1956. Records available: 1943-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1969	44.77	Apr. 15, 1970	44.86	July 20, 1971	41.70	Nov. 21, 1972	40.05
Feb. 20	44.85	May 22	44.44	Aug. 25	41.53	Dec. 18	40.03
Mar. 21	44.80	June 22	44.14	Sept. 25	41.54	Jan. 22, 1973	39.83
Apr. 21	44.69	July 23	43.88	Oct. 25	41.79	Feb. 20	39.76
May 23	44.60	Aug. 21	43.64	Nov. 25	41.68	Mar. 22	39.55
June 20	44.53	Sept. 21	43.50	Dec. 20	41.71	Apr. 23	39.06
July 21	44.44	Oct. 23	43.38	Jan. 19, 1972	41.84	May 17	38.61
Aug. 25	44.43	Nov. 19	43.30	Feb. 22	42.00	June 25	37.71
Sept. 22	44.45	Dec. 18	43.19	Apr. 17	41.80	July 23	37.27
Oct. 22	44.57	Jan. 20, 1971	43.18	May 22	41.09	Aug. 24	36.84
Nov. 24	44.67	Feb. 25	42.84	June 19	40.63	Sept. 25	36.69
Dec. 24	44.78	Mar. 25	42.64	July 20	40.33	Oct. 23	36.65
Jan. 23, 1970	44.90	Apr. 20	42.33	Aug. 25	40.06	Nov. 12	36.78
Feb. 20	44.99	May 25	42.03	Sept. 21	39.94	Dec. 17	36.94
Mar. 20	45.04	June 25	41.80	Oct. 22	40.00		

381638085415801. Louisville Water Co. River Rd. and Zorn Ave. Drilled observation water-table well in glacial sand and gravel, diam 4 in (10 cm), depth 104 ft (32 m), screened 98-100 ft (29.9-30.5 m). Lsd 435.79 ft (132.83 m) above msl. MP top of coupling, 0.91 ft (0.28 m) above lsd. Highest water level 3.71 ft (1.13 m) above lsd, Mar. 13, 1967; lowest 19.61 ft (5.98 m) below lsd, Feb. 13, 1948. Records available: 1946-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.31	12.28	15.10	16.62	15.89	15.64	.....	15.96	16.08	16.40	16.05	16.04
10	15.64	13.30	15.20	15.20	15.57	15.76	.....	16.02	16.15	16.12	16.00	15.95
15	15.74	14.00	15.29	15.82	15.50	15.81	.....	16.08	16.14	16.15	16.01	15.78
20	15.46	14.62	15.44	e15.50	15.30	15.84	.....	16.04	16.12	16.12	15.95	15.80
25	15.22	14.87	15.44	14.94	15.30	.....	15.98	.....	16.18	16.10	e15.93	15.96
Eom	13.70	14.98	16.30	15.20	15.54	.....	15.94	16.08	16.18	16.11	.....	15.90
1970												
5	13.16	13.96	14.73	8.72	12.10	15.18	15.76	15.98	15.90	15.94	15.76	15.72
10	14.67	14.42	14.11	8.52	.....	15.28	15.83	15.94	15.94	16.00	15.78	15.72
15	15.21	14.44	14.78	12.30	.....	15.48	15.90	15.90	15.91	15.60	15.66	15.50
20	15.45	12.75	15.03	13.56	.....	15.54	15.91	15.88	15.96	15.54	15.59	15.20
25	15.57	14.25	15.30	12.42	14.80	15.59	15.92	15.66	.....	15.76	15.60	13.08
Eom	15.58	14.62	14.93	9.90	15.20	15.70	15.91	15.87	15.85	15.68	15.76	13.30



381638085415801--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.33	15.28	11.84	14.98	15.61	15.33	15.96	15.49	16.05	16.12	16.00	15.96
10	13.01	12.78	11.47	15.17	13.30	15.50	16.03	15.57	16.05	16.12	16.06	15.42
15	14.30	14.80	12.60	15.31	12.10	15.68	15.87	15.78	15.96	16.13	16.07	15.40
20	14.46	13.72	13.47	15.45	13.12	15.75	15.69	15.85	15.91	16.16	16.00	15.60
25	15.02	9.98	14.18	15.51	14.38	15.83	15.73	15.97	15.99	16.02	16.10	15.75
Eom	15.30	9.76	14.76	15.65	15.05	15.86	15.66	16.01	16.01	16.02	16.05	15.75
1972												
5	15.44	15.38	8.50	12.63	11.74	15.06	14.11	.....	15.73	15.90	15.68	14.96
10	13.83	15.48	9.13	12.28	12.62	15.30	14.65	.....	15.84	15.86	15.45	12.28
15	14.68	15.36	10.55	10.76	13.16	15.38	15.13	.....	15.87	15.91	15.03	4.56
20	15.24	14.82	9.84	1.94	13.70	15.45	15.40	.....	15.92	16.00	14.96	7.36
25	15.17	14.93	10.65	1.94	14.31	15.48	15.60	.....	16.16	15.99	14.74	9.62
Eom	15.18	10.30	11.36	7.90	14.81	13.19	.....	15.70	16.02	16.04	14.42	11.44
1973												
5	12.96	14.68	15.24	13.22	9.90	14.34	15.26	14.89	15.78	15.94	15.93	12.42
10	13.66	14.38	14.87	12.28	12.60	15.60	15.39	15.11	15.80	15.94	15.93	12.42
15	14.34	14.57	14.78	11.68	13.41	14.93	15.40	15.26	15.88	15.95	16.02	14.58
20	14.74	14.68	12.06	13.60	14.97	15.40	15.19	15.32	15.92	16.00	16.02	14.90
25	14.86	15.04	10.36	13.45	14.57	15.07	14.37	15.48	15.87	16.02	16.59	14.90
Eom	14.84	15.80	12.10	11.50	14.16	15.15	14.60	15.68	15.92	16.02	12.98	12.90

e Estimated.

381503085453301. Kentucky Hotel. Fifth and Walnut Sts., Louisville. Drilled unused water-table well in glacial sand and gravel, diam 10 in (25 cm), depth 104 ft (32 m), screened 84-104 ft (26-32 m). Lsd 460.0 ft (140.21 m) above msl. MP top of recorder shelter floor, 22.86 ft (6.97 m) below lsd. Highest water level 58.68 ft (17.89 m) below lsd, Feb. 22, 1972; lowest 87.74 ft (26.74 m) below lsd, Sept. 23, 1955. Records available: 1948-72. Measurement discontinued May 10, 1972. Well is in sub-basement of Kentucky Hotel.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	66.58	65.72	65.06	64.90	67.42	69.81	70.96	72.31	71.92	71.73	68.40	66.45
10	66.45	65.64	64.96	66.02	68.12	70.13	71.45	72.58	71.92	71.56	68.10	66.19
15	66.24	65.50	64.89	66.47	67.72	70.33	71.60	72.54	71.66	70.76	67.65	66.02
20	66.10	65.41	64.83	66.93	68.46	70.43	71.79	72.30	71.84	66.99	67.31	65.83
25	66.11	65.23	64.90	65.97	69.06	70.69	71.95	72.03	71.60	69.48	67.00	65.61
Eom	65.92	65.13	64.75	66.14	69.44	70.66	72.17	72.07	71.51	68.78	66.68	65.45
1970												
5	65.17	64.14	63.59	63.02	64.72	66.47	67.72	68.74	69.09	68.33	66.33	65.14
10	64.92	63.94	63.43	63.13	65.08	66.93	67.92	68.57	69.14	68.44	66.19	64.36
15	64.70	63.86	63.31	63.39	65.59	67.27	68.12	68.83	.....	68.24	65.93	64.75
20	64.54	63.87	63.21	63.69	65.39	67.67	68.14	68.90	.....	67.30	65.39	64.77
25	64.33	63.64	63.08	64.33	65.77	67.52	68.30	68.89	69.27	67.31	65.08	64.35
Eom	64.24	63.65	63.00	64.98	65.75	67.51	68.82	68.93	68.79	67.20	64.98	63.55
1971												
5	63.36	62.10	61.65	61.04	61.96	64.16	65.25	.....	.....	66.77	64.87	62.01
10	62.99	61.94	61.44	61.48	62.78	64.61	65.64	.....	.....	66.02	63.86	61.70
15	63.23	61.80	61.65	61.84	62.66	64.90	65.86	.....	.....	65.81	63.44	61.67
20	62.67	61.92	61.36	62.49	63.48	65.25	65.52	.....	.....	66.19	63.79	61.49
25	62.41	61.73	61.20	62.64	63.47	65.45	65.47	.....	66.48	65.19	62.85	61.30
Eom	62.24	61.71	61.36	62.47	63.46	65.52	65.66	.....	66.80	66.05	62.31	61.09
1972												
5	60.83	59.96	59.44	58.95	61.23	.....	.....	.....	.....	.....	.....	.....
10	60.55	59.80	59.29	58.83	61.06	.....	.....	.....	.....	.....	.....	.....
15	60.61	59.69	59.25	60.27	.....	.....	.....	.....	.....	.....	.....	.....
20	60.26	59.69	59.54	60.77	.....	.....	.....	.....	.....	.....	.....	.....
25	60.34	59.49	59.16	60.56	.....	.....	.....	.....	.....	.....	.....	.....
Eom	60.01	59.44	58.89	60.34	.....	.....	.....	.....	.....	.....	.....	.....

381454085465201. American Tobacco Co. 17th and Broadway, Louisville. Drilled unused water-table well in glacial sand and gravel, diam 12 in (30 cm), depth 113 ft (34 m), screened 93-113 ft (28-34 m). Lsd 456.09 ft (139.02 m) above msl. MP top of concrete base, at lsd. Highest water level 69.99 ft (21.33 m) below lsd, Sept. 22, 1969; lowest 80.74 ft (24.61 m) below lsd, Apr. 20, 1966. Records available: 1945, 1950-69. Measurement discontinued Nov. 24, 1969.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1969	72.98	Apr. 21, 1969	73.09	July 21, 1969	71.48	Oct. 22, 1969	70.34
Feb. 20	73.19	May 23	72.99	Aug. 25	70.48	Nov. 24	70.89
Mar. 21	73.27	June 20	72.35	Sept. 22	69.99		

381246085470601. 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 (15 cm), depth 103 ft (31 m), screened. Lsd 458.64 ft (139.79 m) above msl. MP top of wooden brace at base of recorder, 3.10 ft (0.94 m) above lsd. Highest water level 49.47 ft (15.08 m) below lsd, Aug. 29, 1973; lowest 88.37 ft (26.94 m) below lsd, Mar. 9, 1944. Records available: 1943-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	c64.45	c64.25	c65.26	c64.85	c65.78	d65.75	d62.16	c64.28	d63.52	c64.80	d64.45
10	.....	c64.19	c63.90	c65.13	c65.80	c65.22	c66.14	c61.45	c64.00	c64.73	d64.30	c64.75
15	.....	c65.00	c64.90	c65.05	c65.93	d64.75	c65.73	d61.23	c63.50	c65.04	d63.90	c64.78
20	.....	c64.84	c64.55	d63.95	c65.45	c66.01	c64.73	d60.88	d64.80	c64.77	d64.05	d64.24
25	.....	c64.45	c64.10	c65.80	d64.35	c65.75	c66.18	d60.58	c64.73	c64.98	c64.07	d63.00
Eom	.....	c64.73	c63.80	c65.37	d65.90	c64.15	d63.55	c62.45	c64.40	d64.20	d64.25	d64.28

381246085470601--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	c64.13	d64.70	d65.10	d65.20	c64.49	c64.00	c63.77	c61.18	c62.20	c62.30	c62.35	63.00
10	c64.70	c65.00	c65.39	d65.14	d64.55	d64.39	c64.82	c60.36	62.30	d62.95	c62.40	c62.87
15	c65.02	c65.00	d65.47	d65.10	d64.95	d64.60	c64.57	c59.97	c62.08	c63.03	d61.45	c62.55
20	c64.73	d64.95	d65.52	d64.87	c64.76	d64.80	c64.15	c59.43	d61.30	c62.75	c63.12	d61.35
25	c65.10	d65.39	d65.74	d64.85	d64.45	d63.95	c64.25	c59.08	c63.52	d61.65	c62.70	d60.85
Eom	d64.80	c65.20	d64.47	d64.75	c63.90	c64.65	c62.60	c59.50	c62.75	d63.00	c62.00	d61.70

1971												
5	c61.37	c60.95	d60.64	d59.80	d59.45	d59.35	c59.28	d56.43	d57.22	c58.90	c59.04	d57.20
10	d60.40	d60.30	c60.10	c60.00	c59.30	c59.75	d59.13	d55.97	c58.60	d57.40	d58.15	c58.25
15	c61.30	c60.28	d60.13	d60.09	d60.00	c59.72	c59.00	d55.66	d57.72	c59.25	c58.10	c57.35
20	d60.68	d60.30	d59.90	d59.79	c59.81	d58.35	c59.07	c55.65	c58.00	d58.40	d58.15	c57.25
25	c60.55	d60.67	d59.95	d58.75	c59.85	c60.20	d57.99	d55.60	d57.82	c58.21	d57.50	c56.55
Eom	d59.70	c59.60	d59.67	c60.25	c59.24	d59.06	d57.15	c58.03	c58.67	d57.50	c58.50	c58.25

1972												
5	d57.40	d57.65	d56.65	c57.94	c57.70	c57.20	d56.93	d53.85	c55.86	c56.20	55.25	c56.57
10	c57.55	c57.90	c58.10	c57.97	d57.50	c57.52	c56.41	d53.46	d55.12	c56.28	56.75	d55.55
15	d57.25	c58.17	d57.00	c58.73	c57.20	c56.99	57.03	d53.17	c56.20	d55.40	d56.35	c56.92
20	c57.77	c57.50	c57.35	c58.50	57.73	c57.13	c56.64	d52.89	c56.16	c56.56	c56.20	c56.79
25	c58.00	c58.28	d58.10	57.40	57.35	d56.10	c56.69	c55.62	c55.85	d56.52	56.39	d55.15
Eom	c57.55	c57.97	c58.59	d56.49	57.35	d57.20	d54.62	c55.35	c56.55	c56.35	56.22	d55.30

1973												
5	c56.44	c56.15	c55.46	c55.00	c55.05	c55.00	c54.63	d51.45	d51.00	c52.78	c51.50	d50.95
10	c56.57	c56.20	c55.98	c55.43	c54.58	d53.85	c54.61	d50.90	c51.30	c57.78	c51.50	d50.95
15	d55.95	c55.20	c55.30	d54.35	c55.19	c54.80	c54.63	d50.40	d51.75	c51.85	c51.55	d51.00
20	c56.00	c55.65	c55.88	c55.31	d53.85	d54.75	c54.22	d49.50	c52.24	d51.50	c51.48	c51.33
25	c56.20	d55.12	d54.80	d55.00	c55.06	c54.29	d53.75	d49.80	c52.25	c52.14	e50.50	d49.51
Eom	d55.60	d56.11	c55.80	c54.81	c54.65	c54.85	d52.95	c51.30	d51.80	d51.70	e50.50	c50.30

c Nearby well being pumped.

d Nearby well pumped recently.

e Estimated.

381034085502601. Rubber Reserve Co. Rockford Lane, west of Mill Creek. Drilled observation water-table well in glacial sand and gravel, diam 6 in (15 cm), depth 94 ft (29 m), screened 90-92 ft (27-28 m). Lsd 442.96 ft (135.01 m) above msl. MP top of coupling, 3.95 ft (1.20 m) above lsd. Highest water level 20.96 ft (6.39 m) below lsd, Nov. 27, 1973; lowest 31.55 ft (9.62 m) below lsd, Apr. 2, 1957. Records available: 1945-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	j28.92	j28.80	j28.74	j28.75	j28.61	j28.52	j28.49	j28.47	j28.50	j28.62	j28.75	j28.80
10	j28.95	j28.79	j28.76	j28.76	j28.59	j28.51	j28.48	j28.48	j28.52	j28.63	j28.77	j28.85
15	j28.96	j28.75	j28.77	j28.74	j28.60	j28.52	j28.47	j28.49	j28.52	j28.65	j28.79	j28.89
20	j28.93	j28.74	j28.74	j28.71	j28.58	j28.50	j28.47	j28.50	j28.54	j28.67	j28.81	j28.91
25	j28.98	j28.76	j28.77	j28.67	j28.56	j28.50	j28.46	j28.48	j28.56	j28.61	j28.82	j28.92
Eom	j28.86	j28.74	j28.78	j28.65	j28.53	j28.49	j28.47	j28.49	j28.58	j28.72	j28.81	j28.86

1970												
5	j28.97	.....	j29.12	j29.80	j28.44	j28.05	j27.76	j27.60	j27.48	j27.38	j27.27	j27.21
10	j28.98	.....	j29.00	j29.75	j28.35	j27.98	j27.73	j27.58	j27.47	j27.39	j27.27	j27.20
15	j29.00	.....	j29.02	j29.73	j28.28	j27.93	j27.70	j27.57	j27.46	j27.45	j27.26	j27.20
20	j29.02	j29.15	j29.11	j28.69	j28.23	j27.88	j27.69	j27.54	j27.45	j27.42	j27.25	j27.22
25	j29.02	j29.13	j29.10	j28.60	j28.15	j27.83	j27.64	j27.51	.....	j27.31	j27.23	j27.11
Eom	.....	j29.14	j29.10	j28.52	j28.10	j27.80	j27.61	j27.49	j27.37	j27.30	j27.21	j27.10

1971												
5	j27.12	j26.96	j26.59	j26.22	j25.95	j25.77	j25.66	j25.53	j25.53	j25.44	j25.56	j25.59
10	j27.06	j26.90	j26.54	j26.19	j25.92	j25.74	j25.62	j25.50	j25.30	j25.47	j25.56	j25.45
15	j27.06	j26.84	j26.49	j26.12	j25.88	j25.69	j25.55	j25.52	j25.21	j25.52	j25.60	j25.57
20	j26.99	j26.79	j26.42	j26.06	j25.87	j25.71	....	j25.53	j25.33	j25.55	j25.59	j25.61
25	j26.96	j26.71	j26.35	j26.02	j25.85	j25.67	j25.56	j25.54	j25.34	j25.58	j25.65	j25.69
Eom	j26.96	j26.67	j26.27	j26.03	j25.83	j25.67	j25.57	j25.53	j25.40	j25.49	j25.51	j25.70

1972												
5	j25.73	j25.88	j25.75	j25.64	25.13	24.68	24.50	24.45	24.43	24.49	24.55	24.46
10	j25.69	j25.91	j25.78	j25.64	25.04	24.67	24.48	24.47	24.47	24.54	24.48	24.42
15	j25.81	j25.89	25.74	j25.47	j24.95	24.59	24.47	24.44	24.46	24.54	24.54	24.34
20	j25.78	e25.94	j25.68	j25.39	j24.87	24.54	24.47	24.43	24.50	24.57	24.51	24.31
25	j25.88	j25.82	j25.67	j25.29	j24.80	24.52	24.44	24.43	24.50	24.53	24.42	24.28
Eom	j25.87	j25.76	j25.65	j25.20	j24.74	24.51	24.45	24.43	24.48	24.54	24.48	24.23

1973												
5	24.20	23.97	23.81	23.53	22.85	.....	.....	21.34	21.09	21.10	21.21	21.08
10	24.15	23.97	23.78	23.45	22.70	e22.51	21.80	21.25	21.09	21.05	21.26	21.05
15	24.11	23.91	23.74	23.35	22.65	.....	.....	21.20	21.08	21.05	21.11	21.19
20	24.04	23.90	24.17	23.27	22.55	e22.50	21.40	21.19	21.08	21.09	21.23	21.14
25	24.09	23.88	23.57	23.10	.....	.....	21.45	21.16	21.06	21.06	e21.10	21.16
Eom	24.01	23.87	23.52	22.97	e22.52	22.20	21.40	21.14	21.05	21.02	21.13	21.20

e Estimated.

j Affected by atmospheric pressure.

381315085502601. National Carbide Corp. Bells Lane. Drilled observation water-table well in glacial sand and gravel, diam 6 in (15 cm), depth 108 ft (33 m), screened. Lsd 448.68 ft (136.76 m) above msl. MP top of casing, 1.10 ft (0.34 m) above lsd. Highest water level 55.90 ft (17.04 m) below lsd, May 8, 1972; lowest 87.29 ft (26.61 m) below lsd, Nov. 13, 1964. Records available: 1956-73.

381315085502601--Continued.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	c76.74	d77.15	d76.20	c75.59	d74.80	d74.25	d74.80	d75.28	c76.18	c76.35	c76.35	c76.17
10	c76.71	d76.95	d76.33	c75.48	d74.25	d74.27	d74.91	d75.38	c76.32	c76.43	c76.30	c76.07
15	c76.85	d76.44	d76.31	d75.26	d74.40	d74.35	d75.00	d75.40	c76.52	c76.51	c76.26	.....
20	d77.10	d76.26	d76.32	d75.11	d74.34	d74.45	d75.05	d75.50	d76.24	c76.60	c76.29	.....
25	d77.36	d76.20	c76.29	d74.70	d74.26	d74.58	d75.15	c75.88	c76.20	c76.55	c76.28	c75.84
Eom	d77.30	d76.13	d75.84	d74.64	d74.20	d74.65	d75.23	c76.05	c76.30	c76.40	c76.08	c75.68

1970

5	.....	c72.75	j71.40	c70.70	j68.63	j68.21	d68.70	d69.41	d69.81	d70.20	d70.09	.....
10	.....	c72.40	j71.20	j70.40	j68.20	j68.33	d68.84	d69.50	d69.94	d70.30	d69.98	.....
15	.....	d72.99	j71.12	j70.82	j68.00	j68.23	d68.95	d69.58	d69.99	d70.31	d69.80	.....
20	.....	c72.52	j70.89	d69.45	j67.90	j68.28	d69.16	d69.62	d70.06	d70.19	d69.75	d69.60
25	d74.05	c72.05	j70.81	j69.18	j67.95	d68.35	d69.18	d69.66	d70.15	d70.18	d69.45	d69.23
Eom	d72.88	j71.67	j70.86	j69.00	j68.17	d68.53	d69.31	d69.73	d70.15	d70.20	d69.43	d68.81

1971

5	d68.43	c67.71	d65.21	d63.69	d65.25	d63.77	.....	d66.14	d65.95	d66.24	d66.65	d66.82
10	d68.08	d67.60	d64.63	d63.88	d65.21	d63.90	.....	d66.13	d65.97	d66.28	d66.64	d66.50
15	d68.94	d67.34	d64.30	d63.90	d64.84	d64.02	.....	d66.25	d66.11	d66.40	d66.69	d66.44
20	d67.70	d67.00	d64.02	d64.01	d64.37	d64.17	d65.40	d65.91	d66.27	d66.43	d66.65	d66.12
25	d67.43	d66.43	d63.69	d64.66	d63.90	d64.32	d65.70	d65.80	d66.15	d66.55	d66.85	d65.90
Eom	d67.64	d66.07	d63.58	d65.08	d63.70	d64.50	d66.00	d65.87	d66.21	d66.63	d66.93	d65.95

1972

5	65.85	64.50	63.07	60.38	56.45	58.57	60.43	61.27	62.78	64.87	65.88	65.00
10	65.57	64.37	62.00	60.45	56.87	59.17	60.44	61.52	63.05	64.57	65.70	65.02
15	65.51	64.40	61.10	59.60	57.00	59.57	60.19	61.76	63.30	64.78	65.90	64.53
20	65.05	64.23	60.92	59.66	57.19	59.59	60.40	62.02	63.60	65.02	65.75	63.50
25	65.14	63.85	60.66	58.05	57.43	60.33	60.59	62.32	63.86	65.27	65.25	62.65
Eom	64.65	63.66	60.37	56.50	58.03	60.54	60.96	62.56	64.16	.....	65.09	62.17

1973

5	62.00	63.39	63.50	62.18	61.11	60.85	61.44	62.52	63.57	64.30	65.38	.....
10	62.00	63.49	63.11	61.97	60.59	60.86	61.58	62.64	63.80	64.35	65.43	.....
15	62.24	63.36	63.52	60.77	60.52	60.90	61.80	62.31	64.03	64.90	65.25	.....
20	62.45	63.33	63.87	60.64	60.53	61.10	62.02	62.96	64.24	65.05	65.42	63.50
25	62.62	63.35	63.49	61.43	60.62	61.18	62.22	63.16	64.48	65.13	65.50	63.56
Eom	63.16	63.45	62.20	61.34	60.92	61.30	62.36	63.38	64.62	65.21	.....	63.40

c Nearby well being pumped.

d Nearby well pumped recently.

e Estimated.

j Affected by atmospheric pressure.

381157085510201. Rubber Reserve Co. Schenks Lane (previously reported Shanks Lane). Drilled observation water-table well in glacial sand and gravel, diam 6 in (15 cm), depth 112 ft (34 m), length of casing unknown. Lsd 446.27 ft (136.02 m) above msl. MP top of coupling, 4.85 ft (1.48 m) above lsd. Highest water level 42.11 ft (12.84 m) below lsd, Sept. 13, 1973; lowest 57.62 ft (17.56 m) below lsd, Feb. 25, 1956. Records available: 1945-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	j52.33	j52.49	j52.45	j52.33	j52.19	j52.00	j51.84	j51.85	j51.86	j51.95	j52.05	j52.16
10	j52.41	j52.65	j52.47	j52.31	j52.10	j51.97	j51.83	j51.85	j51.89	j51.95	j52.07	j52.14
15	j52.45	j52.50	j52.44	j52.27	j52.14	j51.96	j51.83	j51.84	j51.88	j51.92	j52.10	j52.20
20	j52.37	j52.54	j52.37	j52.31	j52.11	j51.91	j51.82	j51.85	j51.91	j51.97	j52.13	j52.22
25	j52.48	j52.53	j52.42	j52.21	j52.07	j51.87	j51.82	j51.87	j51.90	j52.03	j52.11	j52.26
Eom	j52.42	j52.40	j52.35	j52.22	j52.02	j51.86	j51.85	j51.87	j51.91	j52.02	j52.09	j52.30

1970

5	j52.33	j52.50	j52.36	j52.09	j51.82	j51.27	j50.81	j50.58	j50.58	j50.66	j50.77	j50.85
10	j52.37	j52.33	j52.31	j52.07	j51.75	j51.18	j50.76	j50.57	j50.60	j50.70	j50.81	j50.84
15	j52.40	j52.43	j52.30	j52.03	j51.68	j51.09	j50.71	j50.59	j50.61	j50.73	j50.83	j50.85
20	j52.40	j52.47	j52.25	j51.97	j51.60	j51.00	j50.70	j50.55	j50.61	j50.70	j50.86	j50.90
25	j52.38	j52.38	j51.15	j51.90	j51.45	j50.93	j50.64	j50.58	j50.66	j50.73	j50.82	j50.76
Eom	j52.40	j52.38	j52.20	j51.87	j51.38	j50.88	j50.61	j50.57	j50.62	j50.76	j50.85	j50.83

1971

5	j50.87	j50.69	j50.35	j49.88	j49.26	j48.79	j48.38	j48.24	j48.24	j48.32	j48.39	j48.47
10	j50.83	j50.63	j50.33	j49.80	j49.24	j48.72	j48.34	j48.22	j48.24	j48.31	j48.40	j48.36
15	j50.80	j50.61	j50.26	j49.64	j49.17	j48.65	j48.31	j48.24	j48.26	j48.35	j48.43	j48.47
20	j50.78	j50.60	j50.21	j49.54	j49.04	j48.59	j48.31	j48.22	j48.30	j48.39	j48.35	j48.47
25	j50.64	j50.46	j50.07	j49.45	j48.95	j48.50	j48.26	j48.24	j48.29	j48.36	j48.49	j48.50
Eom	j50.71	j50.42	j49.99	j49.35	j48.86	j48.44	j48.25	j48.25	j48.30	j48.39	j48.50	j48.59

1972

5	j48.60	j48.66	j48.59	48.27	46.78	46.81	46.11	45.85	.....	46.08	46.43	46.56
10	j48.52	j48.73	j48.54	48.21	46.64	46.67	46.06	45.86	.....	46.17	46.38	46.67
15	j48.67	j48.63	48.38	48.20	46.47	46.52	46.01	45.80	.....	46.21	46.51	46.57
20	j48.57	j48.64	48.44	48.07	46.32	46.36	45.88	45.89	.....	46.27	46.58	46.53
25	j48.70	j48.49	48.40	48.00	47.16	46.25	45.91	45.80	45.97	46.30	46.40	46.52
Eom	j48.65	j48.49	48.31	46.88	46.96	46.17	45.88	.....	46.03	46.36	46.50	46.51

1973

5	46.48	46.02	45.69	45.30	44.53	43.49	42.70	42.31	42.13	42.29	42.59	42.87
10	46.45	46.00	45.60	45.23	44.33	43.33	42.59	42.24	42.13	42.30	42.66	42.92
15	46.47	45.62	45.57	45.27	44.37	43.37	42.59	42.23	42.17	42.33	42.69	42.92
20	46.30	45.89	45.46	44.90	44.04	43.05	42.46	42.20	42.19	42.40	42.70	42.98
25	46.41	45.77	45.32	44.86	43.83	42.91	42.41	42.07	42.19	42.43	42.82	42.99
Eom	46.09	45.75	45.23	44.74	43.67	42.80	42.32	42.16	42.20	42.40	42.86	43.05

e Estimated.

j Affected by atmospheric pressure.

381443085470602. Brown-Forman Distilleries. 1908 Howard St., Louisville. Drilled unused water-table well in glacial sand and gravel, diam 12 in (30 cm), depth 200 ft (61 m), cased to bottom, lsd 451.13 ft (137.50 m) above msl. MP top of casing, at lsd. Highest water level 53.55 ft (16.32 m) below lsd, Dec. 17, 1973; lowest 79.64 ft (24.27 m) below lsd, Apr. 22, 1965. Records available: 1961-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 8, 1961	c78.87	Oct. 12, 1966	d75.32	Jan. 20, 1971	c65.39	July 21, 1972	d59.29
Aug. 16	c78.91	Apr. 13, 1967	d76.55	Feb. 22	d64.70	Aug. 25	c58.29
Aug. 4	c78.49	Nov. 7	d75.34	Mar. 23	d63.55	Sept. 22	c57.70
Oct. 12	c78.08	Apr. 18, 1968	d74.03	Apr. 19	d63.34	Oct. 20	c58.38
Nov. 22	c78.45	Nov. 6	d72.00	May 21	c63.43	Nov. 21	d58.27
Jan. 9, 1962	d77.99	May 12, 1969	d70.72	June 21	d62.32	Dec. 18	d58.42
Mar. 23	c77.54	Nov. 14	d69.12	July 20	d61.05	Jan. 22, 1973	d58.19
May 23	d78.20	Feb. 20, 1970	c69.63	Aug. 23	d61.10	Feb. 20	d58.77
July 18	c75.03	Mar. 20	c69.57	Sept. 24	c61.29	Mar. 22	c58.80
Aug. 28	c76.66	Apr. 15	c68.76	Oct. 22	d62.07	Apr. 23	d58.03
Nov. 14	c77.78	May 22	c68.08	Nov. 26	d61.68	May 18	c58.05
Jan. 7, 1963	d76.32	June 22	d66.80	Dec. 17	c61.98	June 25	d57.50
Apr. 2	d77.37	July 23	d65.25	Jan. 19, 1972	c61.98	July 23	d56.05
Oct. 10	d76.57	Aug. 21	d66.07	Feb. 22	d61.74	Aug. 23	d55.32
Apr. 6, 1964	d77.00	Sept. 16	c65.60	Mar. 24	c61.86	Sept. 24	d54.43
Oct. 13	c78.54	Oct. 23	c66.50	Apr. 19	c61.72	Oct. 23	d53.80
Apr. 22, 1965	c79.64	Nov. 19	c66.20	May 22	d61.07	Nov. 12	d53.75
Oct. 5	c79.30	Dec. 24	d65.55	June 19	d60.00	Dec. 17	d53.55
Apr. 20, 1966	c79.10						

c Nearby well being pumped.

d Nearby well pumped recently.

### Johnson County

374610082453001. Kentucky Water Co. Van Lear. Drilled unused artesian well in Breathitt Formation of Early and Middle Pennsylvanian age, diam 6 in (15 cm), depth 115 ft (35 m), length of casing unknown. Lsd about 630 ft (192 m) above msl. MP bottom of recorder base, 3.42 ft (1.04 m) above lsd. Highest water level 23.38 ft (7.13 m) below lsd, Nov. 30, 1969; lowest 28.81 ft (8.78 m) below lsd, Oct. 29, 1963. Records available: 1951-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	126.89	126.62	127.09	126.88	126.92	127.57	127.92	127.79	127.59	127.71	127.53	127.56
10	127.01	126.46	127.02	126.88	127.02	127.72	127.92	127.71	126.87	127.68	127.56	127.32
15	127.24	126.48	127.09	127.00	127.09	127.74	127.73	127.76	127.07	127.77	127.59	127.17
20	126.97	126.75	127.00	126.54	127.07	127.72	127.78	127.40	127.26	127.79	127.51	127.19
25	126.54	126.92	126.92	126.42	127.30	127.81	127.33	127.17	127.35	127.85	127.33	127.21
Eom	126.75	126.92	127.15	126.74	127.43	127.92	127.57	127.44	127.53	127.78	123.38	126.12
1970												
5	126.23	126.67	126.73	126.05	126.36	127.47	127.77	127.54	127.47	127.45	126.13	127.48
10	126.64	126.13	126.65	126.40	126.78	127.26	127.55	127.51	127.41	127.59	126.52	127.59
15	126.88	125.97	126.39	126.79	126.88	127.42	127.56	127.41	127.60	127.60	126.98	127.50
20	e26.95	126.02	126.49	126.86	127.00	127.55	127.69	127.42	127.66	127.61	126.87	127.46
25	126.97	126.26	126.70	126.84	127.17	127.72	127.72	127.52	127.62	127.39	126.97	126.45
Eom	126.88	126.72	126.68	125.80	127.50	127.92	127.48	127.55	127.23	.....	127.21	126.80
1971												
5	126.86	126.36	127.09	.....	125.50	124.79	125.66	125.22	126.56	125.51	125.82	.....
10	126.52	126.38	126.70	.....	125.44	124.89	125.90	125.14	126.17	125.91	125.88	.....
15	126.57	126.48	126.80	.....	124.08	124.91	125.55	125.72	125.46	126.16	126.16	.....
20	126.63	126.44	127.10	.....	125.54	125.03	124.75	126.12	125.32	126.34	126.16	.....
25	126.82	126.88	127.29	.....	125.18	124.89	125.08	126.36	125.00	125.94	.....	125.94
Eom	126.92	126.99	.....	125.57	124.50	125.57	125.47	126.56	125.18	125.90	.....	126.04
1972												
5	125.49	124.28	124.39	125.74	125.35	126.15	126.60	126.69	127.56	126.95	126.51	25.57
10	124.96	124.54	124.87	125.19	125.56	126.12	126.64	126.76	127.28	127.10	125.92	124.72
15	125.16	123.98	124.14	124.30	125.76	126.19	127.00	126.76	127.31	126.15	126.21	124.80
20	125.33	123.97	124.22	124.58	125.29	126.16	126.82	126.88	127.39	126.06	126.05	125.04
25	124.15	124.38	125.21	124.88	125.63	126.34	126.81	127.22	127.45	126.89	125.73	125.02
Eom	123.92	124.28	125.47	124.93	125.89	126.46	126.69	127.10	127.12	126.75	125.62	125.32
1973												
5	125.57	126.25	126.13	125.74	125.38	125.44	.....	.....	128.44	127.45	126.50	125.51
10	125.84	125.67	126.17	125.73	125.57	.....	.....	.....	128.31	127.13	126.54	126.05
15	126.04	125.46	125.91	125.51	125.77	.....	.....	.....	128.21	127.15	126.56	126.35
20	.....	125.50	125.23	125.76	125.93	.....	.....	.....	128.17	127.27	126.65	126.45
25	126.24	125.82	125.91	125.81	125.62	.....	127.15	28.19	127.67	127.42	126.21	126.35
Eom	126.29	126.00	125.48	125.02	125.39	.....	.....	128.32	127.66	126.52	125.06	125.20

e Estimated.

j Affected by atmospheric pressure.

374818082455901. E. P. Welch. Thealka. Drilled unused water-table well in alluvium of Quaternary age, diam 18 in (46 cm), depth 57 ft (17 m), screened. Lsd about 615 ft (187 m) above msl. MP base of recorder shelter, 2.00 ft (0.61 m) above lsd. Highest water level 21.52 ft (6.56 m) below lsd, Mar. 14, 1963; lowest 52.44 ft (15.98 m) below lsd, Jan. 24, 1961. Records available: 1949-52, 1960-72. Measurement discontinued Feb. 25, 1972. Measurements affected by atmospheric pressure.

374818082455901--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	47.23	44.51	45.99	46.39	46.68	48.10	48.61	48.75	.....	49.07	48.60	48.60
10	47.58	43.64	45.72	45.82	46.45	48.38	48.58	48.80	.....	49.02	48.73	48.58
15	47.60	44.80	45.22	46.35	46.42	48.58	47.71	48.73	.....	49.07	48.64	48.02
20	.....	45.68	46.02	44.28	46.90	48.49	48.39	48.14	.....	49.09	48.33	48.37
25	.....	45.65	46.32	45.12	47.23	48.42	47.78	.....	48.99	48.09	48.00	48.32
Eom	46.04	45.57	46.46	46.07	47.89	48.40	48.46	.....	49.02	49.01	48.00	40.93
1970												
5	41.22	45.89	44.50	.....	.....	47.48	48.24	48.53	48.64	48.05	45.14	47.83
10	45.13	43.78	45.22	.....	.....	47.88	48.50	.....	48.60	48.26	46.58	48.19
15	46.38	35.60	44.16	.....	.....	48.07	48.60	.....	48.33	48.33	46.72	47.69
20	46.60	42.33	45.49	.....	.....	48.30	.....	.....	48.25	48.35	46.72	47.60
25	46.54	43.60	45.74	45.80	.....	48.32	.....	.....	47.90	.....	46.85	44.68
Eom	45.49	44.68	45.40	34.45	47.28	48.48	48.64	48.69	47.56	.....	47.30	46.42
1971												
5	44.00	40.50	45.20	45.49	45.00	46.35	45.85	44.71	48.03	46.82	44.79	46.99
10	44.41	42.02	42.82	45.03	36.65	46.82	46.94	45.78	47.92	46.22	45.70	44.68
15	44.72	42.07	44.41	45.94	35.48	42.55	46.57	46.50	46.88	47.01	46.28	45.68
20	44.81	43.19	44.94	46.61	40.45	43.68	45.66	47.40	46.48	46.83	46.81	45.71
25	44.52	44.32	45.58	.....	44.06	44.28	46.50	47.52	46.22	44.40	46.96	45.98
Eom	45.30	44.82	45.90	43.45	45.58	45.60	46.72	47.58	46.18	45.45	46.80	46.50
1972												
5	41.60	42.28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	41.25	43.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	42.45	39.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	43.88	41.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	38.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	36.73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

375052082484401. Allen Construction Co. Winchester. Drilled unused artesian well in Lee Formation of Late Mississippian and Early Pennsylvanian age, diam 7 in (18 cm), depth 585 ft (178 m), cased to 218 ft (66 m). Lsd about 780 ft (238 m) above ms1. MP top of casing, at lsd. Highest water level 116.30 ft (35.45 m) below lsd, Feb. 18, 1966; lowest 123.58 ft (37.67 m) below lsd, Dec. 16, 1972. Records available: 1966-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	d122.17	d122.12	d122.15	d121.88	d121.96	d122.06	d122.13	d122.25	d122.39	d122.57	d122.35	d122.75
10	d122.16	d122.18	d121.87	d121.87	d121.89	d122.01	d122.18	d122.22	d122.36	d122.42	d122.40	d121.81
15	d122.37	d122.09	d122.31	d122.01	d122.01	d122.13	d122.20	d122.34	d122.49	d122.46	d122.37	d122.53
20	d122.07	d122.30	d121.92	d122.16	d122.06	d121.94	d122.29	d122.16	d122.50	d122.55	d122.63	d122.71
25	d122.26	d122.05	d121.63	d122.06	d122.08	d122.17	d122.07	d122.40	d122.33	d122.70	d122.65	d122.52
Eom	d122.22	d121.98	d122.38	d122.09	d121.88	d122.22	d122.28	d122.44	d122.38	d122.45	d121.95	d122.43
1970												
5	d122.68	d122.76	d122.28	d122.24	d122.25	.....	d122.25	d122.35	d122.51	d122.44	d122.65	d122.30
10	d122.76	d122.85	d122.28	d122.34	d122.34	.....	d122.28	d122.31	d122.33	d122.55	d122.60	d122.43
15	d122.60	d122.39	d122.39	d122.35	d122.38	.....	d122.47	d122.50	d122.66	d122.96	d122.80	d122.46
20	d122.52	d122.75	d122.29	d122.29	d122.05	.....	d122.48	d122.44	d122.44	d122.58	d122.54	d122.18
25	d122.21	d122.26	d122.24	d122.35	d122.35	.....	d122.26	d122.60	d122.50	d122.62	.....	d122.57
Eom	d122.62	d122.67	d122.42	.....	d122.40	d122.55	d122.45	d122.64	d122.39	.....	d122.52	d122.17
1971												
5	d122.56	d122.03	d122.25	d122.31	d122.60	d122.77	d122.78	d122.80	.....	d122.76	d123.03	d123.05
10	d122.49	d122.65	d122.02	d122.43	d122.72	d122.72	d122.86	d122.69	.....	d122.66	d122.98	d122.58
15	d122.52	d122.75	d121.70	d122.27	d122.70	d122.48	d122.60	d122.77	.....	d122.94	d123.00	d122.60
20	d122.68	d122.25	d121.90	d122.10	d122.63	d122.67	d122.75	d122.80	.....	d123.09	d122.56	d122.73
25	d122.23	d122.15	d122.35	d122.06	d122.50	d122.68	d122.71	d122.75	.....	d122.75	d123.13	d123.04
Eom	d122.38	d122.16	d122.20	d122.65	d122.56	d122.71	d122.80	.....	d122.85	d122.98	d122.88	d123.02
1972												
5	d122.95	d123.23	d122.75	d122.51	d122.24	d122.22	.....	d122.25	d122.50	.....	d122.72	d122.50
10	d122.65	d123.15	d122.96	d122.50	d122.26	d122.31	.....	d122.35	d122.67	.....	d122.33	d122.64
15	d123.37	d122.50	d122.62	d122.22	d122.00	d122.17	.....	d122.43	d122.54	.....	d122.58	d122.27
20	d122.86	d123.04	d122.70	d122.23	d121.94	d122.03	d122.40	d122.35	d122.55	.....	d122.55	d122.35
25	.....	d122.73	d122.50	d122.23	d122.01	.....	d122.27	d122.54	.....	d122.59	d122.25	d122.49
Eom	d123.00	d122.70	d122.12	d122.06	d122.04	.....	d122.23	d122.61	.....	d122.65	d122.43	d122.40
1973												
5	d122.50	.....	.....	d122.59	d122.48	.....	d122.57	d122.80	d122.85	.....	d123.09	d122.57
10	d122.60	.....	.....	d122.57	d122.61	.....	d122.53	d122.70	d122.86	.....	d123.37	d122.85
15	.....	.....	.....	d122.55	d122.75	.....	d122.64	d122.75	d122.90	.....	d122.77	d122.83
20	.....	.....	d122.50	.....	d122.31	.....	d122.58	d122.75	d123.05	.....	d123.00	d122.65
25	d122.60	.....	d122.17	d122.25	d122.40	.....	d122.61	d122.86	.....	d122.00	d122.73	d122.85
Eom	.....	.....	d122.25	d122.45	.....	d122.66	d122.68	d122.95	.....	d122.58	d123.09	d122.77

d Nearby well pumped recently.

Laurel County

370757084045001. J. R. Hale. London. Drilled unused water-table well in sandstone of Lee Formation of Late Mississippian and Early Pennsylvanian age, diam 12 in (30 cm), depth 370 ft (113 m), length of casing unknown. Lsd about 1,190 ft (363 m) above ms1. MP base of recorder shelter, 3.30 ft (1.01 m) above lsd. Highest water level 43.03 ft (13.12 m) below lsd, Mar. 17, 1973; lowest 225.00 ft (68.58 m) below lsd, Oct. 25, 1947. Records available: 1947, 1950-62, 1965-73.

37075708405001--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	44.46	43.93	43.75	43.80	43.69	44.08	44.43	44.84	45.22	45.74	45.80	45.83
10	44.34	43.32	43.55	43.84	43.66	44.18	44.50	44.90	45.22	45.80	45.79	45.47
15	44.50	43.77	43.75	43.83	43.81	44.31	44.52	45.07	45.32	45.84	45.72	45.56
20	44.17	43.88	43.67	43.77	43.78	44.37	44.61	45.03	45.43	46.03	45.87	45.63
25	44.20	43.73	43.46	43.68	43.87	44.43	44.52	45.13	.....	46.18	45.77	45.42
Eom	44.07	43.65	44.06	43.76	43.96	44.49	44.70	45.31	45.50	46.04	45.75	44.83
1970												
5	45.25	45.00	44.46	44.28	44.25	44.50	44.88	45.65	45.35	45.03	44.31	44.32
10	45.23	44.68	44.27	44.26	44.27	44.63	44.95	45.40	45.34	44.94	44.34	44.39
15	45.06	44.26	44.37	44.30	44.32	44.75	45.17	45.47	45.45	44.74	44.27	44.36
20	44.86	44.72	44.48	44.15	44.45	44.74	45.24	45.37	45.28	44.80	44.16	44.37
25	44.75	44.50	44.32	44.32	44.32	44.74	45.52	45.34	45.24	44.57	44.36	43.98
Eom	45.04	44.62	44.38	44.00	44.64	44.95	45.45	45.50	44.94	.....	44.30	43.95
1971												
5	.....	43.95	44.06	44.20	43.93	44.12	44.21	44.09	45.02	44.30	44.64	44.84
10	44.18	44.17	43.87	44.28	43.83	44.10	44.35	43.98	44.43	44.27	44.71	44.43
15	44.23	43.98	43.73	43.90	43.62	44.03	44.24	44.12	44.88	.....	44.70	44.90
20	44.37	43.94	44.02	43.74	43.65	44.22	44.25	44.28	45.03	.....	44.45	44.38
25	44.10	43.96	44.20	43.80	43.70	44.16	44.23	44.30	45.12	.....	44.82	44.59
Eom	44.02	44.02	44.14	43.90	43.85	44.23	44.18	44.98	44.40	.....	44.67	.....
1972												
5	44.23	44.23	44.83	44.04	44.04	44.18	44.23	44.80	44.56	44.63	44.33	43.89
10	43.93	44.27	44.11	44.04	44.03	44.24	44.37	44.72	44.56	44.69	44.04	43.84
15	44.35	43.82	43.90	43.70	43.81	44.27	44.35	44.85	44.66	44.57	44.07	43.63
20	.....	44.04	43.92	43.78	43.65	44.04	44.55	44.88	44.66	44.60	44.00	43.55
25	44.15	43.76	43.85	43.88	43.90	44.14	44.45	44.36	44.84	44.35	43.82	43.58
Eom	44.03	44.82	43.83	44.06	44.03	44.15	44.75	44.49	44.52	44.32	43.88	43.51
1973												
5	43.63	43.62	43.50	43.47	43.63	43.62	43.47	43.80	44.13	44.49	.....	43.94
10	43.73	43.64	43.55	43.50	43.46	43.56	43.50	43.70	44.15	44.40	.....	44.06
15	.....	43.38	43.47	43.68	43.68	43.51	43.60	43.78	44.18	44.39	.....	44.01
20	.....	43.57	43.27	43.27	43.51	43.60	43.60	43.85	.....	44.40	44.18	43.73
25	43.69	43.57	43.15	43.34	43.42	43.60	43.80	43.97	44.43	44.40	44.15	44.00
Eom	43.67	43.65	43.28	43.50	43.58	43.55	43.70	49.10	44.38	.....	44.25	43.78
e Estimated.												

e Estimated.

## Letcher County

371033082374301. 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 (25 cm), depth 116 ft (45 m), length of casing unknown. Lsd about 1,512 ft (461 m) above msl. BP ..... bottom edge of slot in casing, 4.00 ft (1.22 m) below lsd. Highest water level 18.51 ft (5.64 m) below lsd, Mar. 7, 1967; lowest 24.07 ft (7.34 m) below lsd, Nov. 20, 1963. Records available: 1962-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	121.77	121.21	121.30	.....	121.46	121.98	122.34	121.47	122.51	122.49	122.23	122.54
10	121.85	120.90	121.04	.....	121.76	122.16	122.33	121.93	122.45	122.40	122.40	122.30
15	121.97	121.25	121.38	.....	121.74	122.03	122.27	122.22	122.58	122.38	122.32	122.13
20	120.80	121.27	121.55	.....	121.86	.....	122.38	122.08	122.58	122.37	122.14	122.27
25	121.44	120.97	121.63	121.21	121.89	122.00	122.13	122.28	122.44	122.38	122.35	122.20
Eom	121.60	121.12	121.58	121.36	122.14	122.25	122.35	122.39	122.48	122.46	122.36	120.15
1970												
5	121.74	122.00	121.95	121.32	121.35	122.25	122.30	122.00	122.25	122.53	121.92	122.61
10	121.42	120.41	121.96	121.63	121.90	122.32	122.45	122.18	122.33	122.66	122.20	122.69
15	121.93	119.50	121.78	121.80	121.62	122.45	122.55	122.52	122.50	122.70	122.69	122.54
20	121.87	120.35	121.97	121.76	121.98	122.52	122.83	122.59	122.59	122.58	122.27	122.59
25	121.86	e21.65	e21.90	121.81	122.08	122.40	122.68	122.20	122.44	122.63	122.38	121.60
Eom	121.62	121.34	121.85	120.80	122.25	122.52	122.60	122.57	122.40	.....	122.51	122.30
1971												
5	121.56	121.06	121.78	121.84	121.63	121.90	122.03	121.45	122.63	122.06	121.50	122.16
10	122.06	121.60	121.61	121.34	20.47	122.05	122.38	122.13	122.54	122.21	122.03	122.00
15	121.65	121.48	121.51	121.56	20.60	121.77	122.10	122.37	122.16	122.34	122.19	122.02
20	122.11	121.55	21.62	121.78	121.28	.....	121.53	22.48	122.03	122.42	122.15	122.06
25	121.63	121.78	121.67	121.73	121.45	.....	122.15	122.46	121.75	120.99	122.16	122.13
Eom	121.64	122.00	121.77	121.34	121.82	121.60	122.09	22.57	121.42	121.97	122.23	.....
1972												
5	.....	121.48	121.16	121.48	121.70	.....	122.39	22.26	122.72	121.88	.....	122.14
10	.....	121.65	121.44	121.00	121.63	.....	122.50	22.50	122.78	.....	.....	122.80
15	.....	121.37	121.66	120.17	121.75	.....	122.64	22.61	122.79	.....	.....	120.78
20	.....	121.52	121.79	20.87	.....	121.73	122.69	22.61	122.79	.....	.....	121.38
25	121.16	120.09	121.66	121.28	.....	122.14	122.63	22.71	122.85	.....	122.14	121.13
Eom	121.16	120.84	121.42	121.47	.....	122.31	121.90	22.66	121.75	.....	121.80	121.54
1973												
5	21.80	21.98	21.94	21.44	21.12	22.02	21.63	22.10	22.40	22.40	21.80	21.00
10	22.00	21.45	21.67	21.41	21.63	21.90	22.06	22.25	22.50	22.40	22.00	22.03
15	22.15	21.68	21.00	21.65	21.88	22.13	22.13	21.95	22.40	22.40	22.00	21.85
20	22.03	21.75	20.79	21.73	21.96	22.22	22.16	22.31	22.40	22.80	22.40	21.99
25	22.09	21.90	20.99	21.72	21.34	22.07	20.66	22.42	22.60	22.48	22.00	21.81
Eom	21.98	21.94	21.23	20.77	21.49	21.91	21.86	22.40	22.00	22.00	21.00	20.93

e Estimated.

j Affected by atmospheric pressure.

370654082482501. P. W. Ramsey. Whitesburg. Drilled unused water-table well in sandstone and shale of Breathitt Formation of Early and Middle Pennsylvanian age, diam 6 in (15 cm), depth 53 ft (16 m), cased to 18 ft (5 m). Lsd about 1,150 ft (351 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 5.94 ft (1.81 m) below lsd, Mar. 12, 1963; lowest 16.44 ft (5.01 m) below lsd, Aug. 23, 1968. Records available: 1961-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.46	12.06	12.11	12.12	11.99	12.27	12.44	13.27	12.77	12.77	12.64	.....
10	13.42	d12.39	11.89	12.02	11.98	12.27	d12.46	13.29	d12.85	d12.83	d13.90	.....
15	13.54	12.37	12.03	11.97	11.88	12.25	d12.45	13.66	d12.85	d12.76	12.68	.....
20	12.53	12.35	12.04	11.83	12.03	12.28	12.18	d13.82	d12.83	d12.67	d12.95	d12.60
25	d12.88	12.08	12.20	11.93	12.05	12.23	d13.27	12.90	12.75	d12.82	d12.88	12.48
Eom	12.92	12.02	d12.35	12.04	12.19	d12.50	13.39	12.84	12.77	d12.80	.....	.....

1970

5	11.21	12.38	d11.99	11.19	10.27	d12.10	13.04	13.23	d13.53	d13.85	13.12	d13.25
10	11.38	11.92	11.87	d11.35	10.62	12.40	e13.00	13.23	13.57	13.94	d13.35	13.25
15	11.77	10.89	.....	11.36	d10.00	d12.55	e13.15	d13.25	13.73	d14.10	13.06	13.10
20	12.03	11.48	.....	11.40	d10.78	d12.70	e13.21	13.35	13.77	13.83	d13.10	13.03
25	12.25	h11.59	.....	d11.27	11.23	d12.90	.....	d13.50	d13.87	.....	d13.05	12.05
Eom	d12.37	11.83	d11.75	9.80	11.95	d12.99	d13.30	d13.80	13.80	.....	13.15	12.27

1971

5	11.55	10.70	11.36	11.32	11.42	11.45	12.68	12.25	13.00	12.45	12.10	d13.35
10	11.90	11.28	11.06	11.34	11.53	11.55	12.83	d13.00	13.05	12.49	12.24	12.32
15	11.68	11.36	11.04	11.24	10.31	d11.67	12.22	12.65	12.70	d13.15	12.55	12.34
20	11.92	11.26	11.05	11.34	11.06	11.73	12.14	12.75	12.61	12.70	12.51	12.24
25	11.61	11.33	11.21	11.51	11.11	12.30	12.38	12.86	12.61	11.87	12.65	12.26
Eom	11.47	11.47	11.28	11.32	d11.71	12.50	12.38	13.05	12.27	12.27	13.00	12.40

1972

5	10.58	11.07	10.43	11.41	11.65	11.81	d11.90	11.23	d12.45	12.20	12.29	11.80
10	j11.08	11.25	10.94	10.97	11.75	11.81	d11.95	11.25	12.45	12.46	d12.11	9.10
15	11.40	10.88	d11.20	9.77	11.67	11.89	d12.16	11.25	12.49	12.48	d12.28	d10.05
20	11.11	11.25	11.37	10.50	11.63	11.75	11.08	11.27	12.55	12.30	11.95	d10.45
25	11.00	9.45	11.21	11.00	11.69	11.62	11.10	d12.37	.....	12.29	11.84	9.89
Eom	10.57	10.13	11.33	11.35	11.80	11.71	10.87	12.37	d12.55	12.35	11.70	10.10

1973

5	10.43	11.17	10.87	10.07	9.83	10.52	d11.40	d11.25	d11.83	11.94	11.33	10.33
10	10.63	10.70	10.83	10.14	10.18	10.85	d11.65	11.23	11.80	d12.05	11.63	10.55
15	11.00	10.85	10.40	10.33	10.43	10.98	11.37	11.25	11.75	d12.20	d11.70	10.55
20	.....	d11.00	d9.70	10.51	10.63	11.12	11.45	11.30	11.98	12.08	d12.00	10.70
25	11.06	10.84	9.35	10.60	10.44	11.16	11.08	11.50	11.89	12.14	11.25	10.60
Eom	11.18	10.87	9.61	9.75	10.12	d11.35	d11.30	11.15	11.88	11.51	10.04	11.67

c Nearby well being pumped.

d Nearby well pumped recently.

e Estimated.

h Tape measurement.

j Affected by atmospheric pressure.

## Lincoln County

372641084422901. 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 (91 cm), depth 15 ft (5 m), shored. Lsd about 985 ft (300 m) above msl. MP base of recorder, 3.30 ft (1.01 m) above lsd. Highest water level 0.98 ft (0.30 m) above lsd, Apr. 3, 1968; lowest 11.64 ft (3.55 m) below lsd, Dec. 29, 1969. Records available: 1953-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.79	7.53	7.66	5.85	8.35	8.98	9.14	9.67	10.68	11.12	11.38	.....
10	8.24	6.27	7.25	6.96	8.54	9.02	9.20	9.84	10.80	11.16	11.42	.....
15	8.87	7.65	7.73	5.30	8.78	9.04	9.27	10.05	10.87	11.21	11.46	.....
20	7.75	7.75	8.10	9.40	8.68	9.10	9.93	10.18	10.94	11.25	11.45	11.62
25	7.29	7.20	8.35	7.47	8.62	8.91	9.39	10.35	11.00	11.30	11.49	11.63
Eom	7.25	7.57	8.46	8.08	8.78	9.08	9.55	10.53	11.07	11.35	.....	9.95

1970

5	10.32	.....	6.24	4.20	5.63	.....	.....	10.38	10.16	10.34	9.42	9.27
10	.....	.....	6.10	6.13	7.48	.....	.....	10.44	10.38	10.40	9.39	9.27
15	.....	.....	6.65	7.42	8.21	.....	.....	10.29	10.34	10.27	9.37	9.23
20	.....	.....	.....	7.61	e8.70	.....	.....	10.27	10.35	10.00	9.24	9.10
25	10.46	.....	.....	5.70	e8.85	9.45	.....	10.29	10.53	9.92	9.24	8.20
Eom	10.15	6.95	4.85	3.10	9.06	.....	10.20	10.53	10.45	.....	9.26	8.70

1971

5	e8.20	5.50	6.80	7.08	8.73	8.84	9.20	8.05	9.50	9.80	10.17	10.46
10	8.90	7.54	5.43	7.35	6.10	8.94	9.25	8.75	9.55	9.87	10.27	10.01
15	6.90	8.52	6.45	8.00	5.25	9.00	9.84	9.08	9.06	10.00	10.31	9.72
20	8.05	6.25	7.51	8.40	8.63	9.05	8.65	9.25	9.63	10.20	10.34	9.52
25	7.26	6.87	8.03	8.65	9.30	9.10	8.99	9.24	9.87	10.05	10.37	9.20
Eom	8.25	6.74	8.29	8.76	8.65	9.15	9.15	9.42	9.80	10.11	10.38	9.28

1972

5	8.75	7.47	5.35	5.70	7.52	8.85	9.18	9.39	10.05	10.58	9.45	8.36
10	8.13	7.11	6.96	5.89	6.08	8.78	9.22	9.50	10.33	10.22	9.31	6.40
15	8.50	6.31	7.11	3.50	6.20	8.80	9.25	9.55	10.54	10.10	10.34	6.44
20	8.58	7.58	6.36	6.40	7.99	8.87	9.37	9.62	10.41	9.98	8.99	7.00
25	7.70	5.10	6.26	6.45	8.37	9.02	.....	9.72	10.85	9.34	8.86	7.40
Eom	6.97	5.91	6.08	7.82	8.70	9.08	9.58	9.90	10.85	9.22	8.60	7.10

372641084422901--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.48	6.45	6.30	5.70	6.53	8.25	8.37	8.84	9.29	e9.75	10.21	9.22
10	7.69	6.01	6.56	4.75	6.45	8.62	8.28	8.98	9.32	e9.80	10.30	9.22
15	8.20	5.16	7.05	6.95	7.63	8.64	8.91	9.07	9.35	e9.90	10.34	9.24
20	7.00	6.80	5.23	7.68	8.30	8.80	8.79	9.14	9.44	e10.00	10.44	9.19
25	7.36	7.66	6.15	5.23	7.54	8.94	8.05	9.17	9.54	10.13	10.47	8.52
Eom	6.70	7.96	5.97	5.80	6.80	8.73	8.60	9.26	9.61	10.13	9.62	6.75

e Estimated.

372739084402101. Omer Lewis. Stanford. Drilled unused water-table well in sandstone and shale of Borden Formation of Early and Late Mississippian age, diam 6 in (15 cm), depth 33 ft (10 m), cased to 10 ft (3 m). Lsd about 1,060 ft (323 m) above msl. MP top edge of metal recorder shelter, 2.25 ft (0.69 m) above lsd. Highest water level 5.49 ft (1.67 m) below lsd, June 24, 1970; lowest 9.83 ft (3.00 m) below lsd, July 2, 1954. Records available: 1954-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	37.60	37.42	37.53	37.84	38.01	38.60	38.62	38.57	38.12	37.57	37.56	37.55
10	37.64	37.47	37.57	37.81	38.09	38.67	38.63	38.57	38.08	37.52	37.60	37.40
15	37.68	37.41	37.70	37.85	38.33	38.71	38.60	38.43	37.99	37.54	37.56	37.47
20	37.50	37.52	37.63	37.84	38.44	38.70	38.61	38.21	37.88	37.57	37.56	37.50
25	37.62	37.49	37.69	37.87	38.53	38.73	38.59	38.26	37.61	37.57	37.54	37.42
Eom	37.48	37.46	37.99	37.97	38.50	38.68	38.59	38.24	37.62	37.62	37.48	37.46

1970												
5	37.52	37.70	37.66	37.66	37.79	38.30	36.17	....	37.07	36.36	35.83	36.15
10	37.60	37.56	37.66	37.64	37.82	38.42	36.29	....	36.86	36.28	....	36.25
15	37.56	37.53	37.79	37.79	37.91	38.30	36.83	....	36.72	36.26	....	36.24
20	37.65	37.69	37.82	37.87	38.01	38.28	36.12	....	36.63	36.10	....	36.14
25	37.55	37.60	37.79	38.05	38.05	36.03	....	37.22	36.60	....	35.95	35.99
Eom	37.67	37.68	37.78	37.88	38.26	36.43	....	37.19	36.38	....	36.03	36.48

1971												
5	36.30	36.48	36.86	37.38	38.01	38.14	38.13	37.14	36.88	36.54	36.61	36.92
10	36.23	36.20	36.77	37.39	37.81	38.19	38.09	36.98	36.82	36.50	36.62	36.82
15	36.29	36.15	36.76	37.41	37.38	38.16	37.84	36.93	36.76	36.58	36.74	36.66
20	36.40	36.12	36.90	37.54	37.32	38.23	37.61	36.98	36.76	36.57	36.69	36.67
25	36.39	36.72	37.16	e7.85	37.43	38.17	37.37	36.97	36.71	36.49	36.84	36.66
Eom	36.47	36.80	37.32	37.91	37.99	38.18	37.30	36.92	36.62	36.57	36.70	36.64

1972												
5	36.50	36.68	36.88	37.18	37.33	37.54	37.58	37.14	36.82	36.43	35.92	35.78
10	36.25	36.64	37.04	37.13	37.31	37.56	37.56	37.44	36.86	36.36	35.82	35.79
15	36.60	36.49	37.02	36.90	37.09	37.57	37.50	36.97	36.81	36.24	35.91	35.79
20	36.49	36.80	37.13	36.94	37.09	37.52	37.35	36.93	36.85	36.21	35.80	35.89
25	36.62	36.73	37.07	37.08	37.22	37.57	37.39	36.87	36.71	36.00	35.70	36.05
Eom	36.50	36.79	37.11	37.26	37.38	37.58	37.36	36.86	36.47	35.99	35.74	36.07

1973												
5	36.16	36.66	....	37.00	36.78	36.91	36.74	36.94	36.43	36.36	36.30	e6.30
10	36.29	36.70	....	36.80	36.77	36.97	6.71	36.84	36.43	36.38	36.36	....
15	36.42	36.64	....	36.85	36.84	36.93	36.73	36.83	36.44	36.41	36.25	....
20	e6.45	36.78	e7.10	36.93	36.93	36.90	36.77	36.88	e6.43	36.45	....	36.57
25	36.61	....	37.01	36.81	37.00	36.93	36.62	36.38	36.39	36.49	....	36.52
Eom	36.65	....	36.98	36.76	36.92	36.91	36.93	36.42	36.42	36.35	....	36.41

e Estimated.

j Affected by atmospheric pressure.

## Logan County

365052086532701. Charles Baird. Russellville. Drilled unused water-table well in limestone of Girkin Formation of Late Mississippian age, diam 8 in (20 cm), depth 125 ft (38 m), cased to 10 ft (3 m). Lsd about 580 ft (177 m) above msl. MP base of recorder, 3.30 ft (1.01 m) above lsd. Highest water level 1.22 ft (0.37 m) above lsd, Apr. 4, 1968; lowest 45.60 ft (13.90 m) below lsd, Nov. 20, 1965. Records available: 1964-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	d7.70	e5.69	e6.92	j3.72	d7.50	e9.02	e6.02	e8.00	j7.92	j8.67	j8.34	j7.78
10	e8.03	d5.70	e6.98	e4.45	e8.40	d9.40	e6.68	e8.24	j8.19	j8.19	j8.50	j5.88
15	e8.59	e6.95	e7.54	j3.42	j7.79	d9.30	e6.80	e8.42	j8.41	j8.17	e9.10	36.76
20	d6.50	d6.70	e8.30	j3.30	j7.16	d9.45	e7.17	e6.68	j8.57	j6.43	e5.38	37.14
25	e6.31	e6.00	d5.48	e6.39	j7.90	e.31	d7.46	e7.00	j8.69	j8.49	j6.84	36.77
Eom	d3.45	e6.40	j5.89	j6.32	e6.80	e4.90	e7.70	j7.27	j8.80	d8.83	j7.40	j2.50

1970												
5	4.75	5.39	4.00	3.79	5.67	7.16	6.82	7.95	8.50	8.71	6.09	7.10
10	6.00	4.54	5.35	5.40	6.30	7.60	6.85	6.26	8.65	7.85	6.27	7.35
15	6.10	2.83	6.00	6.20	6.57	6.57	7.71	7.10	8.80	3.90	5.57	6.60
20	6.12	4.78	5.70	6.00	7.10	6.56	6.55	7.70	8.60	4.82	5.29	6.98
25	e6.30	5.75	5.70	5.28	....	6.51	7.42	8.04	8.90	6.18	6.00	4.00
Eom	6.42	6.19	5.02	5.44	7.20	5.58	7.80	8.35	8.30	5.84	6.69	5.70

1971												
5	4.97	4.57	5.50	4.78	7.41	7.45	7.12	3.15	8.00	7.07	7.20	7.00
10	5.80	5.39	5.25	5.73	4.19	7.70	7.70	5.51	7.42	7.56	7.30	5.20
15	5.07	4.50	5.25	6.35	3.80	7.50	7.04	6.76	7.98	7.92	7.60	5.30
20	5.62	3.93	5.52	6.76	5.70	6.29	6.98	7.40	7.73	6.72	7.19	5.50
25	e6.20	3.61	6.12	7.10	5.74	6.29	7.36	7.52	8.10	5.84	7.38	6.11
Eom	6.80	4.83	6.46	7.31	6.94	5.79	6.95	7.90	7.14	6.79	6.67	6.33



365052086532701--Continued.

1972												
Day	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.08	5.09	4.54	5.62	7.09	7.90	7.72	7.53	8.90	7.66	6.06	4.30
10	8.21	5.24	5.08	5.84	5.11	8.13	8.29	7.66	9.00	8.31	5.08	2.50
15	5.11	5.13	5.36	6.03	5.37	8.00	8.54	8.10	9.13	8.50	5.83	3.00
20	8.83	5.75	4.80	5.69	6.47	7.99	8.59	8.40	8.88	7.30	4.25	3.85
25	e4.50	2.94	5.77	6.00	7.20	8.31	8.61	8.59	8.68	7.40	5.30	4.90
Eom	3.85	4.35	5.80	6.60	7.59	8.20	6.50	8.78	8.16	6.20	5.06	4.31
1973												
5	4.02	5.20	6.12	5.60	4.60	....	7.81	8.20	8.51	8.14	9.58	5.20
10	5.20	4.50	5.37	4.78	4.91	....	8.00	6.70	7.90	7.52	7.31	6.16
15	6.01	4.63	3.00	5.59	5.93	....	7.50	7.62	7.89	7.56	7.57	6.61
20	6.21	5.50	3.75	3.43	6.47	....	8.00	8.29	8.29	7.96	7.12	5.00
25	5.57	6.14	4.76	3.50	5.60	....	7.81	6.10	8.55	8.13	7.60	5.00
Eom	4.94	6.46	4.95	4.90	....	7.60	7.96	8.18	7.53	7.00	3.55	4.86

c Nearby well being pumped.

d Nearby well pumped recently.

e Estimated.

j Affected by atmospheric pressure.

## McCracken County

370142088313101. Ashland Oil & Refining Co. Paducah. Drilled unused artesian well in sand of McNairy Formation of Late Cretaceous age, diam 5 in (13 cm), depth 227 ft (69 m), length of casing unknown. Lsd 384.47 ft (117.19 m) above msl. MP top of casing, 1.90 ft (0.58 m) above lsd. Highest water level 57.53 ft (17.54 m) below lsd, May 19, 1961; lowest 82.47 ft (25.14 m) below lsd, Oct. 17, 1972. Records available: 1951-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug.	Sep	Oct	Nov	Dec
5	.....	366.40	376.02	375.79	371.26	377.47	375.58	378.75	379.16	379.40	379.20	379.16
10	.....	364.10	377.63	374.08	374.36	377.96	378.90	378.79	379.38	378.68	379.59	379.99
15	.....	.....	.....	370.77	375.04	378.14	374.05	378.71	379.39	378.96	378.60	380.45
20	.....	.....	377.55	368.99	373.66	378.63	374.24	379.07	379.23	378.92	380.05	379.65
25	.....	.....	377.83	368.02	373.70	378.17	375.47	379.40	379.43	.....	379.23	378.93
Eom	370.29	374.34	375.24	369.02	376.90	376.31	377.59	379.19	379.42	379.03	379.74	376.43

1970												
5	369.70	.....	373.37	368.75	363.83	376.30	378.68	379.46	379.43	379.94	380.34	379.28
10	371.62	.....	372.29	366.69	.....	375.14	378.68	379.15	379.57	379.56	378.73	379.19
15	377.78	.....	372.42	366.75	.....	377.37	378.82	379.38	379.78	379.72	378.84	379.12
20	377.52	369.33	372.96	371.57	.....	376.57	378.83	.....	379.49	380.23	379.28	378.73
25	379.26	369.42	372.78	369.70	.....	377.28	378.98	.....	379.62	380.57	378.73	378.67
Eom	.....	371.52	372.52	366.05	375.42	378.70	379.17	379.64	379.25	380.50	380.27	372.62

1971												
5	375.34	377.07	364.16	374.73	379.58	379.58	.....	379.77	379.79	379.67	379.87	380.09
10	374.39	372.50	364.65	376.42	378.84	379.70	.....	378.95	379.60	379.68	379.75	377.78
15	373.65	370.59	366.49	377.57	378.71	380.08	.....	380.33	379.79	379.69	379.78	375.42
20	374.05	370.71	367.81	378.99	372.24	380.28	.....	380.33	379.65	379.69	379.63	376.13
25	375.07	365.83	370.73	379.38	375.26	380.68	.....	379.70	379.57	379.69	379.65	376.68
Eom	375.24	365.34	372.09	379.49	378.87	.....	379.33	379.79	379.62	379.72	379.71	378.50

1972												
5	375.17	.....	367.25	372.31	.....	371.80	375.02	378.75	379.32	379.68	.....	371.54
10	372.08	.....	365.85	373.66	.....	377.60	376.58	379.01	379.40	382.32	.....	370.34
15	370.76	.....	371.15	370.33	.....	377.91	377.73	379.05	379.59	382.23	.....	365.35
20	371.65	.....	373.08	366.80	.....	378.79	378.44	379.37	379.37	.....	373.30	362.74
25	373.75	373.20	368.94	364.22	371.78	379.56	378.84	379.50	379.25	.....	371.32	362.09
Eom	372.49	370.94	369.75	363.21	371.45	376.90	378.34	379.38	379.08	.....	371.54	362.65

1973												
5	.....	68.35	.....	.....	358.77	365.05	374.60	379.55	380.91	380.63	.....	.....
10	.....	366.57	.....	.....	.....	365.60	376.04	379.78	380.64	380.78	.....	.....
15	.....	365.88	.....	.....	.....	367.08	378.23	379.48	380.55	381.19	.....	.....
20	.....	366.04	362.30	.....	.....	369.37	378.73	379.79	380.81	380.80	.....	.....
25	369.08	.....	359.30	361.17	367.47	.....	.....	80.27	380.89	381.02	.....	.....
Eom	368.58	.....	357.99	360.88	365.31	373.67	376.38	80.91	380.53	382.15	.....	370.80

j Affected by atmospheric pressure.

370848088462401. U.S. Tennessee Valley Authority. Shawnee Steam Plant. Drilled unused artesian well in alluvium of Quaternary age, diam 12 in (30 cm), depth 86 ft (26 m), screened 76-86 ft (23-26 m). Lsd about 365 ft (111 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 35.86 ft (10.93 m) below lsd, May 3, 1973; lowest 54.40 ft (16.58 m) below lsd, Nov. 21, 1964. Records available: 1958-73. Water levels affected by atmospheric pressure.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	49.58	46.73	46.94	47.09	44.54	46.48	46.79	47.10	48.96	50.02	50.38	50.45
10	49.95	45.78	47.44	46.93	44.99	46.92	46.56	47.70	49.22	49.97	50.47	50.22
15	50.07	44.79	47.75	45.99	45.59	47.36	46.19	47.82	49.33	50.06	50.57	50.59
20	49.87	45.39	47.83	45.48	45.57	47.46	45.84	48.18	49.64	49.63	50.77	50.33
25	49.67	46.25	48.14	44.59	45.44	47.45	46.07	48.21	49.70	49.94	50.40	50.16
Eom	48.25	46.30	47.69	44.41	45.69	47.13	46.53	48.59	49.78	50.15	50.09	50.30

370848088462401--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	49.07	49.04	47.51	45.54	.....	44.54	46.12	47.97	49.07	49.12	49.71	49.67
10	48.29	48.00	47.08	44.55	.....	44.34	46.56	48.03	49.34	49.72	49.47	49.68
15	48.82	47.92	47.03	44.25	.....	44.78	46.88	48.20	49.40	49.77	49.43	49.62
20	49.29	47.84	46.80	44.60	.....	44.82	46.99	48.39	49.45	49.54	49.51	49.65
25	49.08	46.99	46.30	44.48	43.00	44.96	47.49	48.63	49.57	49.74	49.05	49.07
Eom	49.51	47.27	46.35	43.39	44.17	45.73	47.72	48.97	49.03	49.88	49.18	48.37
1971												
5	48.70	48.38	44.07	45.55	47.32	46.99	48.22	.....	.....	49.98	50.54	49.89
10	48.27	47.95	43.64	46.13	47.52	47.29	48.53	.....	.....	50.10	50.67	49.38
15	48.36	47.27	43.79	46.20	46.49	47.48	48.63	.....	.....	50.30	50.85	48.91
20	48.11	46.86	44.25	46.51	45.90	47.48	48.88	.....	.....	50.47	50.62	48.49
25	47.77	45.68	44.55	47.19	46.06	47.74	48.67	.....	.....	50.56	50.08	49.32
Eom	48.27	45.31	45.00	47.43	46.67	47.94	49.10	.....	49.84	50.58	50.30	49.77
1972												
5	49.54	47.58	46.17	45.11	.....	45.08	46.32	47.47	48.65	49.19	49.22	46.20
10	48.50	47.79	45.05	45.58	.....	45.84	46.45	47.63	48.96	49.30	48.45	46.42
15	48.47	48.03	44.00	45.02	.....	46.25	46.62	47.82	49.11	49.34	48.22	44.80
20	47.71	47.89	44.48	43.76	.....	46.15	46.99	47.92	49.18	49.47	47.71	43.20
25	48.55	47.02	44.64	43.76	43.17	46.57	47.16	47.99	49.27	49.47	46.47	.....
Eom	47.71	46.70	44.56	.....	44.35	46.60	47.54	48.35	49.39	49.40	46.52	43.22
1973												
5	43.41	42.69	43.83	38.29	36.79	40.58	43.66	45.97	48.12	49.00	49.05	48.20
10	43.17	42.32	43.36	38.69	37.74	40.67	44.09	46.49	48.49	48.49	49.12	48.01
15	43.41	41.65	41.87	38.74	38.77	41.07	44.87	46.83	48.82	48.59	49.08	.....
20	43.78	41.52	39.88	38.90	39.58	42.19	45.36	47.03	49.03	48.65	48.98	.....
25	43.53	42.44	37.64	37.00	40.43	42.39	45.52	47.34	49.27	48.58	49.13	.....
Eom	42.75	43.30	36.88	36.36	40.90	43.24	45.39	47.83	49.15	48.65	48.74	45.63

## McCreary County

365138084264101. Elmer Taylor. 4.5 mi (7.2 km) 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 (15 cm), depth 45 ft (14 m), length of casing unknown. Lsd 1,176.54 ft (358.61 m) above mal. MP top edge of tile casing, 0.90 ft (0.27 m) above lsd. Highest water level 12.09 ft (3.69 m) below lsd, Nov. 27, 1973; lowest 27.30 ft (8.32 m) below lsd, Nov. 25, 1967. Records available: 1959-73.

water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	25.60	25.20	24.74	24.20	24.06	.....	24.22	25.50	25.27	24.44	24.79
10	.....	25.45	24.80	24.67	23.98	23.92	.....	24.19	25.50	25.30	24.49	24.37
15	.....	25.32	25.32	24.50	24.32	23.90	24.18	24.42	25.75	25.37	24.47	24.81
20	.....	25.48	24.93	23.90	23.87	23.92	24.05	24.34	25.78	25.61	24.85	24.88
25	.....	25.11	24.35	24.50	24.03	23.94	24.00	24.67	24.75	25.87	24.87	24.73
Eom	25.88	25.44	25.46	24.33	23.90	24.16	24.22	25.13	25.21	24.60	24.78	20.71
1970												
5	25.54	25.51	24.24	23.95	23.65	23.78	24.00	24.68	24.21	24.40	e23.96	24.13
10	.....	24.80	24.18	24.19	23.83	23.84	24.01	22.42	24.22	24.30	23.95	24.18
15	25.52	13.43	24.30	24.33	23.99	23.92	24.28	24.52	24.40	24.26	.....	24.20
20	25.14	25.15	24.34	23.69	23.07	23.83	24.12	24.42	24.28	24.27	.....	24.10
25	25.15	.....	24.09	24.11	23.88	23.82	24.52	24.33	24.37	24.26	.....	22.72
Eom	25.59	24.91	24.15	21.90	24.03	24.18	24.28	24.68	24.22	.....	.....	23.78
1971												
5	.....	21.03	.....	23.72	23.34	23.50	23.48	23.62	23.91	24.08	24.82	26.00
10	23.36	23.23	23.23	22.50	23.38	23.38	23.50	23.60	23.93	.....	24.88	.....
15	21.98	23.42	23.03	22.58	21.19	23.15	23.41	23.68	.....	24.22	24.90	.....
20	23.99	23.10	23.41	23.42	22.55	23.39	23.50	23.78	.....	24.43	24.27	25.71
25	22.72	23.39	23.77	23.22	23.15	23.41	23.50	23.71	.....	24.29	25.98	25.28
Eom	23.75	23.42	23.68	23.38	23.34	23.51	23.65	23.68	24.05	24.50	25.50	.....
1972												
5	.....	24.65	23.40	23.57	23.30	23.18	23.40	23.64	23.80	24.31	24.85	24.70
10	.....	24.11	24.07	21.76	21.12	23.18	23.53	.....	24.10	24.60	24.50	21.50
15	.....	22.80	23.58	20.80	21.50	23.19	23.38	.....	24.01	24.60	24.75	19.89
20	.....	24.12	23.65	21.86	22.53	22.88	23.60	.....	24.25	25.00	24.60	23.40
25	24.26	20.90	23.30	21.68	23.00	23.07	23.45	23.60	24.30	24.60	24.10	24.10
Eom	23.28	21.88	23.20	22.92	23.00	23.10	23.50	23.90	23.99	24.80	24.62	23.45
1973												
5	24.03	23.78	.....	.....	22.35	22.46	22.42	23.12	23.32	23.69	.....	22.21
10	.....	23.57	.....	.....	23.02	23.09	22.73	.....	23.29	.....	.....	23.00
15	.....	23.50	.....	.....	21.70	22.95	22.80	.....	23.31	.....	23.39	23.12
20	.....	23.73	.....	25.55	22.50	23.10	22.99	23.14	23.45	.....	23.45	22.89
25	24.13	.....	.....	22.85	22.81	22.96	23.03	23.32	23.40	.....	22.95	23.13
Eom	23.40	.....	.....	21.18	21.31	22.96	22.96	23.40	23.44	23.00	21.28	19.80

e Estimated.

Ohio County

372503086524601. Leslie B. Wright. Beaver Dam. Drilled unused artesian well in Tradewater Formation of Middle Pennsylvanian age, diam 7 in (18 cm), depth 298 ft (91 m), cased to 220 ft (67 m). Lsd about 463 ft (141 m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 77.99 ft (23.77 m) below lsd, Dec. 25, 1973; lowest 158.39 ft (48.28 m) below lsd, Sept. 8, 1966. Records available: 1956-73. Water levels affected by atmospheric pressure.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	92.46	91.35	90.25	88.88	87.97	87.07	86.64	86.27	86.60	86.20	84.85	84.91
10	92.50	91.32	90.07	88.83	87.66	86.94	86.53	86.29	86.73	85.86	84.68	84.37
15	92.30	90.90	90.20	88.65	87.79	86.95	86.52	86.29	86.55	85.88	84.54	84.76
20	91.69	91.07	89.40	88.75	87.69	86.75	86.46	86.30	86.55	85.70	84.85	84.76
25	92.10	90.20	89.25	88.44	87.48	86.75	86.10	.....	86.22	86.00	85.17	84.33
Eom	91.75	90.14	89.62	88.36	87.05	86.80	86.24	86.72	86.15	84.95	84.80	84.40

1970

5	84.41	84.05	83.37	83.10	82.75	81.80	81.61	81.57	81.90	82.32	82.24	82.20
10	84.54	83.43	83.05	83.05	82.40	81.78	81.46	81.89	82.08	82.42	82.33	82.05
15	84.08	83.53	83.35	83.06	82.38	81.81	81.58	81.87	82.16	82.45	82.42	82.00
20	84.01	84.03	83.25	82.57	82.44	81.70	81.35	81.73	82.11	82.36	82.08	82.15
25	.....	83.40	82.90	82.80	81.95	81.60	81.71	81.80	82.25	82.18	82.35	81.71
Eom	84.00	83.62	83.28	82.67	82.13	81.88	81.40	82.05	82.11	82.41	82.25	81.76

1971

5	82.15	81.36	81.15	81.03	80.15	80.40	80.28	79.54	79.47	80.05	80.60	81.15
10	81.77	81.62	81.08	81.25	80.38	80.20	80.23	79.18	79.47	79.95	80.65	80.55
15	82.10	81.44	80.90	80.73	80.25	80.14	79.73	79.28	79.50	80.05	80.95	80.33
20	82.14	81.29	81.15	80.43	80.35	80.50	79.99	79.33	79.82	80.85	80.60	81.02
25	81.35	81.19	81.04	80.43	80.15	80.43	79.66	79.22	79.95	80.24	81.27	81.65
Eom	81.66	81.38	80.92	80.45	80.26	80.42	79.78	79.49	80.00	80.50	81.25	81.75

1972

5	81.80	82.05	82.25	81.60	81.22	81.00	81.11	81.05	80.94	80.93	81.55	81.42
10	81.55	82.06	82.30	81.49	81.25	81.07	81.05	81.08	81.10	81.21	81.12	81.72
15	82.00	81.68	81.58	81.17	80.77	80.90	80.75	79.97	80.95	80.20	81.60	81.30
20	81.30	82.27	81.90	81.27	80.87	80.70	80.95	80.90	81.10	81.40	81.66	81.15
25	82.18	81.65	81.77	81.45	80.89	80.77	80.77	80.85	81.05	81.38	81.00	81.35
Eom	81.78	81.70	81.48	81.26	81.00	80.78	81.18	81.00	80.89	81.90	81.50	81.00

1973

5	81.14	80.10	79.34	78.89	79.20	78.95	78.76	78.87	79.90	80.39	79.77	78.23
10	81.15	80.30	79.10	78.85	78.91	79.02	78.66	78.77	80.06	80.09	79.99	78.90
15	79.60	79.94	78.95	79.00	79.30	78.83	78.52	79.15	80.11	80.00	79.04	78.16
20	79.55	80.06	78.18	78.87	78.89	78.99	78.40	79.94	80.20	79.95	79.20	78.41
25	80.52	79.78	78.19	78.61	78.69	78.85	78.50	79.94	80.23	79.72	78.95	78.46
Eom	80.23	79.85	78.41	78.95	79.19	78.79	78.45	79.85	80.15	79.20	79.39	78.55

e Estimated.

Taylor County

372353085222601. E. F. Noe. Campbellsville. Drilled unused water-table well in Warsaw Limestone of Late Mississippian age, diam 6 in (15 cm), depth 40 ft (12 m), cased to 30 ft (9 m). Lsd about 875 ft (267 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 8.33 ft (2.54 m) below lsd, Feb. 27, 1962; lowest 33.66 ft (10.26 m) below lsd, Jan. 2, 1964. Records available: 1957-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	131.47	118.90	124.25	123.50	124.95	126.50	127.62	127.92	129.60	130.85	131.86	132.23
10	131.18	117.92	125.05	121.68	125.66	127.17	125.28	128.30	129.86	130.94	131.94	130.45
15	131.17	121.06	125.50	121.25	126.13	126.65	126.27	128.60	130.10	131.15	132.06	129.85
20	128.00	124.01	125.98	114.60	127.28	127.28	127.13	128.36	130.30	131.31	131.56	130.20
25	125.64	122.98	126.67	118.61	122.50	126.49	127.53	128.90	130.49	131.50	131.98	130.20
Eom	117.55	122.11	126.90	122.70	124.89	127.31	127.76	129.35	130.65	131.67	132.08	131.99

1970

5	118.26	121.39	115.00	111.97	111.29	127.25	127.60	127.25	128.01	127.80	127.01	127.09
10	122.16	116.50	117.50	115.90	116.08	127.34	127.85	126.63	127.99	127.58	127.18	127.35
15	125.15	110.60	121.30	120.60	120.00	127.53	127.90	126.17	128.06	126.86	127.30	127.33
20	124.10	113.80	122.50	123.22	122.93	127.66	127.85	127.48	128.41	128.36	126.07	126.30
25	124.95	117.12	122.77	124.29	124.90	127.79	127.76	127.65	128.66	126.32	125.98	112.60
Eom	124.60	119.90	119.74	111.00	126.86	127.90	127.95	127.86	127.41	127.10	126.70	137.80

1971

5	114.08	115.60	118.60	124.22	127.16	126.25	127.61	125.60	128.09	129.10	130.60	131.52
10	117.60	117.83	118.06	120.60	125.26	127.11	127.75	126.26	128.30	129.30	130.76	131.14
15	112.00	114.21	118.90	122.90	114.75	127.38	127.89	127.28	128.67	129.60	130.92	131.89
20	115.94	114.91	121.11	124.64	119.35	125.12	127.70	127.37	128.92	129.90	131.00	129.50
25	119.50	113.90	123.33	126.04	121.85	127.23	126.98	127.70	129.15	130.11	131.27	128.10
Eom	121.41	115.64	124.97	126.95	124.80	127.44	127.59	127.88	128.58	130.42	131.39	128.38

1972

5	21.70	16.21	11.42	15.97	20.88	27.07	27.42	25.38	28.30	29.60	28.10	13.08
10	15.72	18.78	14.32	14.00	22.18	24.50	27.90	27.00	28.67	30.05	25.54	15.30
15	20.01	17.71	16.60	18.40	22.18	26.60	28.40	27.37	28.92	30.00	26.92	.....
20	22.70	17.90	15.83	12.20	23.88	27.22	27.90	27.60	29.21	29.99	19.90	11.80
25	17.00	9.65	14.40	11.00	25.36	27.53	28.01	27.75	29.40	29.22	31.31	14.00
Eom	12.38	9.60	16.42	16.88	26.32	27.76	20.80	28.01	29.43	30.20	20.16	13.80

372353085222601--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	19.59	23.43	15.50	15.17	19.70	26.70	e25.50	28.26	29.60	30.21	e17.00
10	.....	19.64	18.49	15.20	17.72	22.36	26.90	e26.00	28.51	29.86	30.59	e18.00
15	.....	16.30	21.20	18.64	19.77	23.83	26.62	e26.50	28.88	30.13	30.75	e20.00
20	.....	18.40	12.09	19.95	22.29	25.37	27.37	e27.00	29.12	30.36	31.00	23.20
25	.....	21.80	14.65	17.43	23.30	26.33	22.50	e27.50	29.40	30.54	.....	e16.00
Eom	20.09	23.09	16.89	16.71	17.17	25.60	24.86	28.00	29.68	30.61	e16.00	24.09

e Estimated.

j Affected by atmospheric pressure.

Trigg County

364051088004101. U.S. 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 (15 cm), depth 210 ft (64 m), reported cased to 230 ft (70 m). Lsd about 520 ft (158 m) above msl. MP top of casing, 1.80 ft (0.55 m) above lsd. Highest water level 132.65 ft (40.43 m) below lsd, May 27, 1973; lowest 152.36 ft (46.44 m) below lsd, Jan. 18, 1967. Records available: 1966-73.

## Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	j145.53	j144.95	j144.18	j142.86	j143.50	j143.25	j143.96	j144.65	j145.53	j146.23	j146.60
10	.....	j145.25	j145.03	j143.67	j142.73	j143.48	j143.30	j144.10	j144.96	j145.40	j146.33	j146.24
15	.....	j144.97	j145.25	j143.27	j143.21	j143.17	j143.47	j144.23	j144.91	j145.65	j146.45	j146.73
20	.....	j145.56	j144.92	j143.00	j143.33	j143.05	j143.57	j144.23	j145.15	j145.77	j146.40	j146.85
25	.....	j145.14	j144.84	j142.70	j143.36	j143.21	j143.64	j144.39	j145.13	j146.12	j146.31	j146.72
Eom	j146.00	j144.73	j145.20	j142.87	j143.25	j143.52	j143.87	j144.65	j145.31	.....	j146.20	j146.15

## 1970

5	j146.03	j146.34	j144.89	.....	j142.08	j141.90	j141.98	.....	.....	j144.45	j145.05	.....
10	j146.15	j145.56	j144.53	.....	j141.85	j141.87	j142.05	.....	.....	j144.66	j145.10	.....
15	j146.05	j145.40	j144.91	.....	j141.69	j141.90	j142.25	.....	.....	j144.55	j145.40	.....
20	j145.97	j145.62	j144.06	.....	j141.91	j141.80	j142.33	.....	.....	j144.59	j144.90	.....
25	j145.65	j145.03	j144.05	.....	j141.79	j141.56	.....	.....	.....	j144.57	j145.30	.....
Eom	j146.50	j145.27	.....	j142.10	j142.09	j142.00	.....	.....	j144.25	j145.03	.....	j144.52

## 1971

5	j145.00	j144.50	j143.00	j142.70	j142.48	j142.70	j142.40	j143.24	j143.26	j144.43	j145.27	.....
10	j145.55	j144.65	j142.56	j142.82	j142.30	j142.06	j142.62	j143.19	j143.30	j144.51	j145.54	.....
15	j144.80	j144.06	j142.48	j142.51	j142.00	j141.86	j142.60	j143.45	j144.02	j144.70	j145.72	.....
20	j144.80	j143.53	j142.67	j142.35	j141.96	j142.07	j142.88	j143.62	j144.27	j144.73	j145.29	.....
25	j144.35	j142.45	j142.95	j142.42	j141.96	j142.33	j142.83	j143.50	j144.37	j144.95	j145.96	j145.70
Eom	j144.80	j143.10	j142.74	j142.67	j142.22	j142.40	j143.22	j143.23	j144.23	j145.22	.....	j145.62

## 1972

5	j145.38	j143.82	j142.34	j140.90	j139.34	j139.36	j140.18	j140.84	j141.72	j142.63	j143.11	j142.38
10	j144.30	j143.46	j142.08	j140.70	j139.37	j139.45	j140.18	j141.15	j141.99	j142.03	j142.74	j141.70
15	j145.25	j142.83	j141.40	j140.11	j138.79	j139.53	j140.28	j141.18	j142.03	j143.09	j143.01	j141.08
20	j144.41	j143.27	j141.20	j139.77	j138.93	j139.46	j140.52	j141.26	j142.27	j143.23	j142.88	j140.75
25	j144.58	j142.42	j140.94	j139.56	j139.08	j139.65	j140.53	j141.43	j142.28	j143.19	j141.96	j140.82
Eom	j143.64	j142.26	j140.80	j139.28	j139.25	j139.93	j140.75	j141.60	j142.48	j143.11	j142.40	j140.67

## 1973

5	140.44	139.24	138.47	135.74	133.18	132.95	133.46	135.25	136.37	137.64	138.87	138.31
10	140.42	139.13	138.11	135.26	132.71	133.16	134.19	135.23	136.59	137.64	139.34	138.32
15	140.48	139.09	137.68	135.11	132.91	133.21	134.33	135.56	136.84	137.64	138.90	138.42
20	140.37	138.51	136.84	134.54	133.01	133.53	134.58	135.80	137.03	138.18	139.22	138.43
25	140.05	138.46	136.03	133.54	132.97	133.57	134.72	136.04	137.24	138.25	138.64	138.43
Eom	139.43	138.68	135.65	133.52	133.05	133.74	134.95	136.25	137.36	138.13	138.67	.....

j Affected by atmospheric pressure.

Union County

373942087561301. J. A. Schneider. Morganfield. Drilled unused artesian well in fault zone in rocks of Carbonate Formation of Middle Pennsylvanian age, diam 6 in (15 cm), depth 59 ft (18 m), length of casing unknown. Lsd about 470 ft (143 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 2.08 ft (0.63 m) below lsd, May 8, 1961; lowest 18.06 ft (5.50 m) below lsd, Dec. 1, 1953. Records available: 1951-73.

## Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.25	4.53	4.34	4.25	4.77	7.47	6.44	9.10	10.11	11.00	9.20	8.37
10	7.80	4.52	4.76	3.80	5.06	8.06	7.08	9.54	9.89	11.05	9.26	7.55
15	8.00	4.68	5.15	3.48	5.57	7.80	7.70	9.93	10.03	10.75	9.43	7.90
20	5.34	5.01	5.24	2.95	5.63	8.10	8.36	9.20	10.40	10.47	7.95	8.17
25	5.31	2.95	4.22	3.69	6.00	6.86	8.51	e9.65	10.64	10.45	7.81	8.20
Eom	3.97	4.85	4.13	4.29	6.78	7.40	8.70	10.05	10.88	10.15	8.02	6.91

## 1970

5	7.04	6.84	5.30	3.45	3.80	4.35	7.50	10.49	11.24	11.49	9.05	8.57
10	7.40	6.17	5.54	3.97	3.45	4.86	8.26	10.51	11.57	11.00	9.08	8.66
15	7.60	6.02	5.10	4.32	3.93	5.30	9.05	10.76	11.85	9.82	8.98	8.71
20	7.40	6.29	3.68	3.92	4.62	5.08	9.55	10.98	11.54	9.61	8.24	7.91
25	7.53	5.70	3.95	2.70	5.20	5.82	9.83	10.60	11.35	9.53	8.23	6.34
Eom	7.17	5.97	3.60	3.15	6.00	6.68	10.07	10.95	11.25	9.26	8.41	7.36

373942087561301--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.95	6.48	5.10	5.60	5.46	6.09	8.18	10.40	11.58	10.44	10.78	9.98
10	7.14	6.61	4.94	5.20	4.31	6.36	8.72	10.30	10.82	10.53	10.63	8.38
15	6.40	5.90	4.87	5.16	4.59	6.21	8.08	10.52	10.58	10.66	10.58	7.95
20	6.75	4.99	5.06	5.39	5.40	6.60	9.10	10.70	10.46	10.56	10.44	8.51
25	e6.80	4.71	5.30	5.75	5.64	6.80	9.70	11.30	10.23	10.57	10.27	8.75
Eom	7.00	5.04	5.52	5.26	6.31	7.57	10.12	11.65	10.37	10.70	10.26	7.95
1972												
5	7.36	8.02	5.72	5.83	5.10	8.15	9.17	9.71	....	12.60	10.90	8.10
10	7.50	7.44	6.23	5.81	5.54	8.93	9.45	9.94	12.19	12.79	9.50	6.53
15	8.20	7.50	7.50	4.80	5.30	9.58	10.02	10.26	12.42	12.92	8.52	6.40
20	8.20	7.93	7.93	4.07	6.00	9.90	9.23	10.75	12.67	13.02	7.94	6.40
25	e8.90	5.81	5.84	4.10	6.68	10.40	9.22	9.45	12.65	13.05	7.94	6.92
Eom	7.90	5.93	5.48	4.55	7.45	10.33	9.28	11.11	12.55	12.70	8.00	6.60
1973												
5	6.11	5.74	5.76	3.40	3.50	4.21	7.58	10.28	12.80	13.55	13.82	8.76
10	6.72	5.57	5.52	3.05	3.40	5.21	8.14	10.76	13.03	13.58	13.84	8.95
15	7.00	5.16	3.85	3.65	3.80	5.87	8.68	11.25	12.80	13.62	13.80	9.08
20	6.74	5.91	3.26	2.42	4.47	6.50	9.10	11.64	13.50	13.65	13.74	9.00
25	5.92	5.60	3.45	2.33	4.42	7.07	9.45	12.05	13.69	....	12.00	7.70
Eom	5.72	5.76	3.15	3.32	4.27	7.56	9.75	12.48	13.86	13.81	8.73	6.85

e Estimated.

Warren County

365538086281001. Western Kentucky University. Bowling Green. Drilled unused artesian well in Ste. Genevieve Limestone of Late Mississippian age, diam 6 in (15 cm), depth 88 ft (27 m), length of casing unknown. Lsd about 555 ft (169 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 13.91 ft (4.24 m) below lsd, June 24, 1969; lowest 62.96 ft (19.19 m) below lsd, Aug. 29, 1972. Records available: 1969-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	60.48	.....	59.01	60.36	61.35	61.54	61.54
10	.....	.....	.....	.....	59.68	60.98	.....	59.17	60.68	61.40	61.56	61.29
15	.....	.....	.....	.....	60.00	59.37	.....	59.31	60.86	61.44	61.57	61.41
20	.....	.....	.....	.....	60.17	60.26	.....	59.48	61.04	61.48	61.05	61.47
25	.....	.....	.....	.....	60.41	14.07	58.17	59.65	61.19	61.50	61.42	61.43
Eom	.....	.....	.....	.....	60.64	.....	58.73	60.22	61.29	61.53	61.49	56.02
1970												
5	58.22	59.41	58.38	32.26	59.38	60.62	61.23	61.45	61.53	61.61	61.58	61.47
10	59.34	58.06	59.00	.....	60.16	60.83	61.30	61.46	61.54	61.62	61.60	61.49
15	.....	.....	59.41	.....	60.53	60.95	61.36	61.46	61.57	61.58	61.44	61.46
20	.....	.....	59.65	.....	60.93	61.06	61.40	60.25	61.55	61.53	60.96	61.41
25	.....	58.68	59.84	60.03	61.20	60.99	61.43	61.43	61.58	61.56	61.45	59.61
Eom	60.00	59.06	59.11	59.43	60.46	61.12	61.46	61.51	61.59	61.56	61.43	60.43
1971												
5	59.64	60.08	59.06	59.23	60.82	60.74	60.76	60.27	60.95	61.41	51.53	61.58
10	60.10	59.79	59.31	59.70	60.30	60.90	60.80	59.36	61.07	61.44	61.54	61.27
15	60.24	58.66	59.47	60.01	59.70	60.92	60.79	59.94	61.21	61.47	61.55	61.05
20	60.24	58.90	59.73	60.22	60.34	61.00	60.66	60.30	61.29	61.49	61.55	61.06
25	60.36	57.31	60.00	60.43	59.75	61.18	61.06	60.56	61.34	61.47	61.58	61.24
Eom	60.70	58.32	60.19	60.62	60.47	60.78	60.27	60.71	61.38	61.51	61.56	61.16
1972												
5	58.18	50.57	58.78	59.74	61.18	.....	62.72	62.79	.....	61.49	61.30	59.20
10	57.37	59.58	59.23	60.22	60.66	.....	62.78	62.86	.....	61.55	e60.90	45.90
15	59.03	59.17	59.69	60.56	61.10	.....	62.82	62.90	.....	61.59	e60.50	55.10
20	59.25	59.89	59.17	60.05	.....	.....	62.86	62.93	.....	61.59	e60.20	56.77
25	57.66	53.93	59.94	59.96	.....	62.58	62.88	62.95	.....	61.60	e60.00	57.95
Eom	50.57	53.92	59.57	60.75	.....	62.66	62.60	61.50	61.50	e61.40	59.61	57.34
1973												
5	56.88	59.03	59.58	58.47	57.54	59.79	e60.00	60.55	61.21	61.40	61.46	58.89
10	58.02	58.30	58.44	58.20	57.95	59.80	e60.20	60.60	61.23	61.40	61.50	59.77
15	58.47	58.46	58.00	58.60	58.45	59.98	e60.40	60.49	61.30	61.42	61.50	60.10
20	59.03	58.82	55.10	54.80	58.95	e60.00	e60.70	60.83	61.33	61.44	61.50	.....
25	59.28	59.33	57.96	57.12	59.24	.....	e59.00	61.00	61.38	61.47	61.45	.....
Eom	59.20	59.59	58.07	57.75	59.43	59.80	60.20	61.13	61.38	61.47	56.50	.....

e Estimated.

Wolfe County

374107083204801. Mrs. Lexi Couch. Rosefork. Dug unused water-table well in mantle and in Breathitt Formation of Early and Middle Pennsylvanian age, diam 30 in (76 cm), depth 9 ft (3 m), shored. Lsd about 1,080 ft (329 m) above msl. MP base of recorder shelter, 2.86 ft (0.87 m) above lsd. Highest water level 1.97 ft (0.60 m) below lsd, Apr. 28, 1970; lowest 7.50 ft (2.29 m) below lsd, Sept. 27, 1964. Records available: 1954-71. Measurement discontinued Dec. 20, 1971.

374107083204801--Continued.

water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.84	4.77	4.77	4.63	4.73	4.92	....	5.91	5.65	6.27	5.41	....
10	4.85	4.63	4.73	4.74	4.76	5.08	....	6.02	5.54	6.32	5.28	....
15	4.90	4.82	4.78	4.27	4.75	5.14	....	6.21	5.61	6.38	5.31	....
20	4.24	4.83	4.80	4.40	4.75	5.23	....	5.12	5.78	6.47	4.99	....
25	4.75	4.81	4.77	4.76	....	....	5.39	5.18	5.91	6.33	....	....
Eom	4.72	4.83	4.76	4.70	4.89	....	5.68	5.42	6.06	6.32	....	....
1970												
5	....	4.83	4.70	....	4.68	4.48	....	....	5.20	....	4.61	....
10	....	4.17	4.85	....	4.73	5.15	....	....	5.18	....	4.91	....
15	....	4.94	4.79	....	4.44	5.11	....	....	5.25	....	4.89	....
20	4.95	4.70	4.82	....	4.61	5.15	....	....	5.22	....	e4.88	....
25	4.95	4.86	4.83	4.44	4.70	....	....	....	5.13	....	e4.89	....
Eom	4.63	4.90	....	4.38	4.94	....	....	5.12	....	....	4.91	....
1971												
5	4.60	3.20	4.70	4.77	4.72	5.02	5.19	4.37	e5.27	5.10	5.09	4.97
10	4.81	4.71	4.55	4.66	4.64	5.12	5.05	....	....	5.16	e5.10	4.88
15	....	4.64	4.56	4.72	4.61	5.16	....	....	....	e5.17	e5.15	4.91
20	....	4.67	4.68	4.75	4.82	5.20	....	....	e5.07	e5.20	e5.17	4.77
25	4.74	4.68	4.72	....	4.85	5.20	....	5.21	4.98	5.13	5.17	....
Eom	4.72	4.63	4.75	4.54	4.94	....	4.69	5.25	4.99	5.14	4.96	....

e Estimated.

## MARYLAND

The observation-well program in Maryland was continued during the period 1969 through 1973 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

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

In the local well numbering system, all wells outside of Baltimore City are grouped by counties. Each county is divided into 5-minute quadrangles. Each quadrangle from north to south is designated by uppercase letters and from west to east by lowercase letters. The wells are numbered in each 5-minute quadrangle in the order in which they were inventoried. A different well-numbering system is used for wells in Baltimore City. All wells within the city limits are referred to mile squares which are in turn referred to the Washington Monument near the center of the city. Thus, well 2S5E-1 is in the square mile that is 2 miles south and 5 miles east of the Washington Monument, and is the first well inventoried in that square.

### Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

#### City of Baltimore

391617076322001. Local number 2S5E-1. U.S. Army. Fort Holabird. Holabird Ave. and Pumphrey St. Drilled unused artesian well in sand of the Patuxent Formation of Early Cretaceous age, diam 12 in (30 cm), depth 290 ft (88 m), cased to unknown depth. Lsd 30 ft (9 m), previously reported 32 ft (10 m), above msl. MP top of casing, 1.80 ft (0.55 m) above lsd. Highest water level 57.70 ft (17.59 m) below lsd, Jan. 31, 1967; lowest 103.70 ft (31.61 m) below lsd, Oct. 15, 1948. Records available: 1934, 1943-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1969	62.90	Mar. 18, 1970	70.10	May 5, 1971	64.29	Oct. 26, 1972	64.17
Mar. 13	65.41	May 4	69.08	June 17	66.94	Dec. 29	65.48
Apr. 28	64.64	June 15	70.41	July 27	66.33	Feb. 5, 1973	60.69
June 5	64.52	July 24	70.08	Sept. 10	66.30	Mar. 27	59.94
July 17	71.18	Sept. 9	69.29	Nov. 10	65.51	Apr. 30	61.33
Aug. 25	70.44	Oct. 15	70.65	Feb. 3, 1972	68.69	June 19	60.98
Sept. 29	70.02	Nov. 30	68.89	Mar. 17	66.54	July 30	60.52
Nov. 17	69.56	Jan. 6, 1971	72.08	May 5	62.25	Oct. 12	63.83
Jan. 5, 1970	64.48	Feb. 17	63.30	July 11	68.64	Dec. 3	59.60
Feb. 5	71.93	Mar. 30	64.64	Sept. 12	67.07		

391431076342301. Local number 4S3E-3. Virginia-Carolina Chemical Corp. Fairfield. Drilled unused artesian well in sand of the Patuxent Formation of Early Cretaceous age, diam 18 to 8 in (46 to 20 cm), depth 357 ft (109 m), cased to 300 ft (91 m), screened 300-325 ft (91-99 m). Lsd 10 ft (3 m) above msl. MP top of 18-in (46 cm) casing, 1.00 ft (0.30 m) above lsd. Highest water level 31.74 ft (9.67 m) below lsd, July 27, 1971; lowest 72.11 ft (21.98 m) below lsd, Oct. 24, 1947. Records available: 1947-71. Well plugged; measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1969	34.80	Sept. 29, 1969	38.24	June 15, 1970	38.90	Feb. 17, 1971	35.70
Mar. 13	37.92	Nov. 17	38.03	July 24	36.88	Mar. 30	37.88
Apr. 28	39.02	Jan. 5, 1970	34.55	Sept. 9	37.86	May 5	37.52
June 5	38.38	Feb. 5	39.16	Oct. 15	38.83	June 17	37.49
July 17	39.76	Mar. 18	40.88	Nov. 30	36.44	July 27	31.74
Aug. 25	38.26	May 4	39.83	Jan. 6, 1971	37.83	Sept. 10	32.23

#### Allegany County

394024078273501. Local number All-Ah 1. Green Ridge State Forest. On Fifteenmile Creek. Drilled unused (previously reported public-supply) artesian(?) well in sedimentary rocks of the Jennings Formation of Late Devonian age, diam 8 in (20 cm), depth 113 ft (34 m), cased to unknown depth. Lsd 720 ft (219 m) above msl. MP top of sanitary seal in casing, 0.30 ft (0.09 m) above lsd (since Mar. 13, 1969). Highest water level 2.18 ft (0.66 m) below lsd, Dec. 30, 1950; lowest 40 ft (12 m) below lsd, Nov. 19, 1969, Feb. 12, 1970. Records available: 1949-73.

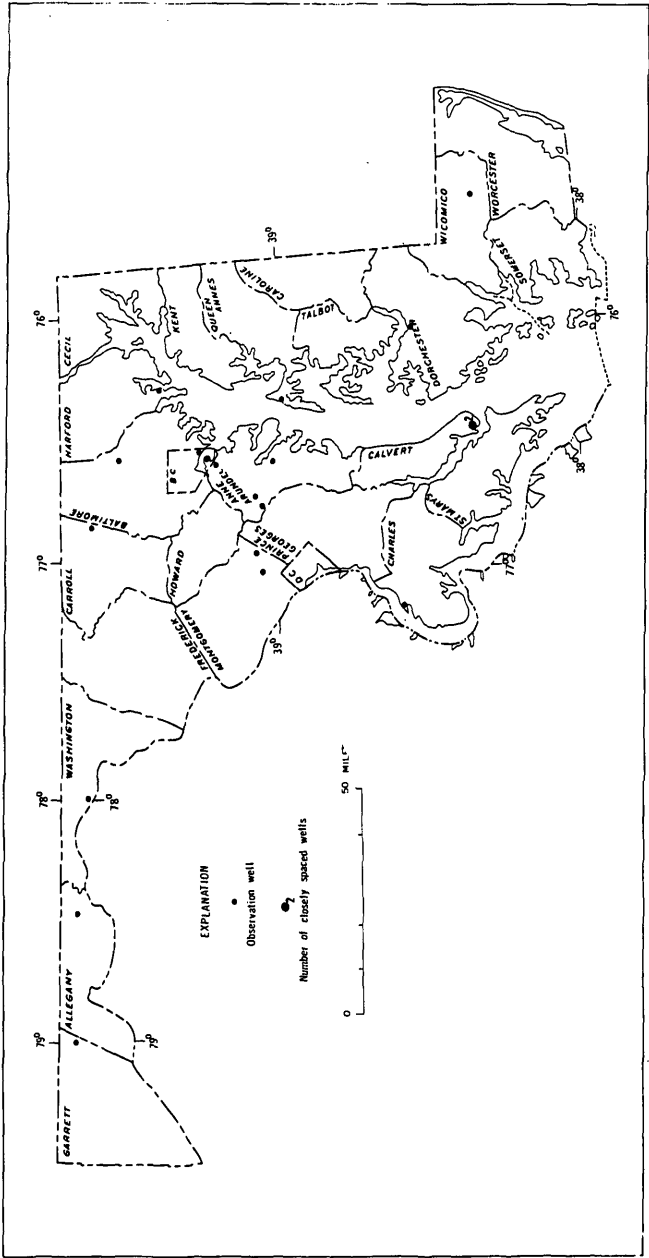


Figure 6.--Location of observation wells in Maryland, 1969-73.



394024078273501--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	b18.99	June 17, 1970	4.42	Oct. 27, 1971	3.99	Feb. 13, 1973	3.06
Mar. 13	5.62	July 30	4.22	Nov. 12	4.35	Mar. 20	2.96
May 2	12.50	Aug. 20	5.38	Dec. 22	4.67	Apr. 24	3.08
June 13	7.02	Oct. 19	5.68	Feb. 14, 1972	2.44	May 11	2.95
Aug. 25	7.22	Dec. 28	3.25	Mar. 7	2.95	June 22	4.15
Oct. 7	a19.08	Feb. 11, 1971	3.91	Apr. 19	2.45	July 14	4.29
Nov. 19	a40.00	Mar. 22	3.18	May 16	2.40	Aug. 17	5.54
Dec. 16	a30.00	May 7	3.39	June 20	4.19	Sept. 13	7.28
Feb. 12, 1970	a40.00	June 3	4.13	July 27	4.68	Oct. 2	4.55
Mar. 26	12.30	July 21	4.98	Sept. 22	4.20	26	5.32
May 5	5.30	Aug. 19	4.95	Nov. 2	4.75	Dec. 11	2.80
June 15	4.86	Sept. 10	6.30	Dec. 18	2.48		

a Well being pumped.

b Well pumped recently.

Anne Arundel County

391208076353501. Local number AA-Ad 10. U.S. Army Reserve Center. Curtis Bay. Drilled unused artesian well in sand of the Patapsco Formation of Early and Late Cretaceous age, diam 8 to 6 in (20 to 15 cm), depth 109 ft (33 m), length of casing and screen unknown. Lsd 45 ft (14 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 29.96 ft (9.13 m) below lsd, June 18, 1953; lowest 36.56 ft (11.14 m) below lsd, Apr. 21, 1944. Records available: 1944, 1946-73.

Feb. 3, 1969	33.85	Mar. 18, 1970	34.93	May 5, 1971	33.90	Sept. 12, 1972	31.14
Mar. 13	33.44	May 4	34.29	June 17	33.33	Oct. 30	31.79
Apr. 28	34.00	June 15	34.88	July 22	33.88	Dec. 29	31.93
June 5	34.42	July 24	33.69	Sept. 10	32.94	Feb. 5, 1973	31.55
July 17	34.48	Sept. 9	34.59	Nov. 11	32.18	Mar. 27	31.35
Aug. 25	34.40	Oct. 15	34.98	Dec. 22	32.64	Apr. 30	31.40
Sept. 29	34.60	Nov. 30	33.77	Feb. 3, 1972	31.75	June 19	31.20
Nov. 17	34.10	Jan. 6, 1971	34.55	Mar. 17	31.16	July 30	31.24
Jan. 5, 1970	34.25	Feb. 17	34.50	Apr. 28	31.58	Oct. 12	31.71
Feb. 5	35.05	Mar. 30	33.40	June 30	30.89		

390303076463201. Local number AA-Cb 1. U.S. Army. Fort George G. Meade. Duvall Bridge Rd. Drilled unused artesian well in sand of the Patuxent Formation of Early Cretaceous age, diam 6 in (15 cm), depth 505 ft (154 m), cased to 485 ft (148 m), screened 485-505 ft (148-154 m). Lsd 126 ft (38 m) above msl. MP hole in well cap, at lsd. Highest water level 40.60 ft (12.37 m) below lsd, May 1, 1962; lowest 66.90 ft (20.39 m) below lsd, Sept. 8, 1973. Records available: 1962-73.

Jan. 16, 1969	57.70	Jan. 8, 1970	56.65	May 4, 1971	56.71	Aug. 25, 1972	62.89
24	57.35	13	56.55	25	56.99	Oct. 26	63.74
Feb. 17	57.08	Feb. 24	56.12	Aug. 31	54.55	Dec. 28	61.29
Mar. 21	56.85	Apr. 30	55.56	Nov. 3	59.42	Feb. 26, 1973	59.48
Apr. 3	57.18	May 28	56.30	Dec. 3	59.02	Mar. 21	59.55
29	57.19	July 9	57.99	15	58.52	Apr. 24	59.96
May 5	57.65	Sept. 10	59.22	27	58.00	June 1	60.03
June 18	59.70	Oct. 29	59.93	Jan. 21, 1972	56.63	July 30	65.08
July 29	59.98	Dec. 30	57.91	Mar. 6	57.89	Sept. 17	66.40
Sept. 2	59.09	Feb. 11, 1971	57.24	May 2	56.45	Oct. 23	65.18
Oct. 31	59.01	Mar. 7	56.70	July 6	59.85	Nov. 27	62.75

390423076432001. Local number AA-Cc 40. U.S. Army. Fort George G. Meade. Rifle Range Rd. Drilled unused artesian well in sand of the Patapsco Formation of Early and Late Cretaceous age, diam 6 in (15 cm), depth 238 ft (73 m), cased to 208 ft (63 m), screened 208-238 ft (63-73 m). Lsd 138 ft (42 m) above msl. MP top of 1 1/2-in (3.8 cm) coupling, 1.70 ft (0.52 m) above lsd. Highest water level 42.58 ft (12.98 m) below lsd, Mar. 25, 1961; lowest 49.22 ft (15.00 m) below lsd, June 2, 1966. Records available: 1959-73.

Jan. 16, 1969	46.57	Dec. 23, 1969	46.59	May 25, 1971	45.64	Dec. 28, 1972	43.86
Feb. 17	46.15	Feb. 24, 1970	46.07	Aug. 31	47.96	Feb. 26, 1973	43.73
Mar. 21	46.14	Apr. 30	45.43	Nov. 3	43.12	Mar. 21	44.58
Apr. 2	46.37	July 10	45.94	Dec. 27	43.36	Apr. 24	45.88
May 5	46.46	Sept. 10	46.88	Mar. 6, 1972	42.96	June 1	43.89
June 18	46.81	Oct. 29	47.45	May 2	43.21	July 26	43.59
July 30	46.82	Dec. 30	47.99	July 6	42.97	Sept. 17	44.45
Sept. 2	46.35	Mar. 7, 1971	45.82	Aug. 25	45.77	Oct. 23	45.20
Nov. 4	46.75	May 4	47.61	Oct. 26	45.15	Nov. 27	45.45

390118076361101. Local number AA-Cd 10. Crownsville State Hospital. Crownsville. Drilled unused artesian well in sand of the Patapsco Formation of Early and Late Cretaceous age, diam 8 to 6 in (20 to 15 cm), depth 668 ft (204 m), screened 654-668 ft (199-204 m). Lsd 135 ft (41 m) above msl. MP top of casing, 1.40 ft (0.43 m) above lsd. Highest water level 109.62 ft (33.41 m) below lsd, Mar. 15, 1949; lowest 125.51 ft (38.26 m) below lsd, Nov. 6, 1951. Records available: 1949-69. Measurement discontinued.

Jan. 7, 1969	117.61	Apr. 3, 1969	115.05	July 30, 1969	115.65	Nov. 4, 1969	114.97
Feb. 25	114.64	May 5	121.36	Sept. 4	115.18	Dec. 30	114.75
28	114.65	June 18	115.28				

Baltimore County

393102076341801. Local number Bal-Ce 21. Maryland National Guard. Jacksonville. Drilled unused water-table well in the Wissahickon Formation (lower pelitic schist) of Precambrian to Early Ordovician age, diam 10 to 6 in (25 to 15 cm), depth 350 ft (107 m), cased to 33 ft (10 m). Lsd 536 ft (163 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 12.50 ft (3.84 m) below lsd, June 23, 1972; lowest 21.54 ft (6.57 m) below lsd, Feb. 10, 1966. Records available: 1955-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1969	18.55	June 9, 1970	15.09	July 1, 1971	15.34	Dec. 19, 1972	13.43
Mar. 13	18.56	July 17	15.88	Aug. 5	13.80	Jan. 2, 1973	13.46
Apr. 25	18.68	Aug. 28	18.08	11	13.72	Feb. 1	14.15
June 6	19.09	Oct. 8	19.20	Sept. 21	13.40	Mar. 7	13.65
July 16	20.00	Dec. 9	18.90	Dec. 9	14.15	Apr. 17	13.87
Aug. 21	19.45	30	18.99	Mar. 8, 1972	14.66	May 30	14.40
Sept. 17	19.85	Jan. 28, 1971	17.25	May 22	14.65	July 11	14.92
Nov. 13	19.94	Mar. 10	15.85	June 23	12.60	Aug. 20	16.94
Dec. 22	19.35	Apr. 15	16.00	Sept. 22	17.38	Oct. 3	18.60
Mar. 13, 1970	16.87	May 26	16.08	Nov. 16	17.15	Dec. 4	19.54
Apr. 23	15.23						

Calvert County

381954076272101. Local number Cal-Gd 5. Lord Calvert Yacht Club. Near Solomons. Drilled unused artesian well in sand of the Piney Point Formation of late Eocene age, diam 8 in (20 cm), depth 248 ft (76 m), cased to 233 ft (71 m), screened 233-248 ft (71-76 m). Lsd 10 ft (3 m) above msl. MP top of pumpbase, 11.50 ft (3.51 m) above lsd. Highest water level 15 ft (5 m) below lsd, 1942; lowest 56.5 ft (17.2 m) below lsd, Jan. 15, 1944. Records available: 1942, 1944, 1949-73.

Jan. 8, 1969	24.04	Feb. 27, 1970	25.09	Aug. 25, 1971	28.66	Feb. 20, 1973	25.12
Feb. 19	23.67	May 5	24.29	Oct. 27	27.16	Mar. 23	25.24
Apr. 3	23.98	July 8	26.71	Dec. 29	26.13	May 1	25.28
May 20	23.98	Sept. 3	27.33	Apr. 28, 1972	26.18	June 12	25.59
June 23	24.40	Oct. 29	27.43	July 7	26.60	July 31	28.08
Aug. 1	25.08	Dec. 28	25.01	Sept. 2	27.17	Sept. 10	29.03
Sept. 4	23.90	Mar. 8, 1971	25.94	Oct. 21	26.22	Oct. 31	28.20
Nov. 1	24.00	Apr. 29	25.23	Dec. 29	25.42	Nov. 30	27.62
Dec. 29	23.76	May 25	25.16				

381952076270901. Local number Cal-Gd 6. Lord Calvert Yacht Club. Near Solomons. Drilled unused artesian well in sand of the Aquia Formation of Paleocene age, diam 8 to 6 in (20 to 15 cm), depth 493 ft (150 m), cased to 472 ft (144 m), screened 469-493 ft (143-150 m). Lsd 10 ft (3 m) above msl. MP top of pumpbase, 10 ft (3 m) above lsd. Highest water level 0.00, 1942; lowest 58.9 ft (18.0 m) below lsd, Jan. 13, 1944. Records available: 1942, 1944, 1949-73.

Jan. 8, 1969	37.29	Feb. 27, 1970	40.98	Aug. 25, 1971	45.17	Feb. 20, 1973	42.43
Feb. 19	37.92	May 5	41.43	Oct. 27	42.99	Mar. 23	42.00
Apr. 3	38.41	July 8	43.24	Dec. 29	42.63	May 1	42.66
May 20	38.45	Sept. 3	44.40	Mar. 4, 1972	44.08	June 12	42.53
June 23	34.28	Oct. 29	43.47	Apr. 28	43.91	July 31	46.31
Aug. 1	40.71	Dec. 28	42.16	July 7	44.65	Sept. 10	47.23
Sept. 4	40.56	Mar. 8, 1971	43.19	Sept. 2	45.51	Oct. 31	46.21
Nov. 1	39.69	Apr. 29	42.98	Oct. 21	44.90	Nov. 30	45.77
Dec. 29	40.04	May 25	42.08	Dec. 29	42.88		

Carroll County

393638076510001. Local number Car-Bf 1. Town of Hampstead. Drilled unused water-table well in the Wissahickon Formation (upper pelitic schist) of Precambrian to Early Ordovician age, diam 8 in (20 cm), depth 407 ft (124 m), cased to about 65 ft (20 m). Lsd 933 ft (284 m) above msl. MP floor of well house, at lsd. Highest water level 52.30 ft (15.94 m) below lsd, May 13, 1952; lowest 76.26 ft (23.24 m) below lsd, Feb. 10, 1966. Records available: 1946-47, 1949-73.

Jan. 30, 1969	69.47	June 9, 1970	65.13	Aug. 11, 1971	66.44	Dec. 14, 1972	66.95
Mar. 13	68.62	July 15	64.29	Sept. 16	65.08	Jan. 2, 1973	60.52
Apr. 25	69.32	Aug. 28	67.35	Oct. 19	65.39	26	60.30
June 6	69.99	Oct. 8	69.60	Dec. 6	63.83	Mar. 21	60.07
July 17	70.90	Dec. 10	69.82	Jan. 3, 1972	62.29	Apr. 10	58.95
Aug. 21	70.60	30	69.90	Mar. 3	61.38	May 24	58.69
Sept. 24	69.31	Jan. 28, 1971	66.63	Apr. 14	59.59	July 3	60.43
Nov. 3	69.97	Mar. 9	62.82	May 19	59.90	Aug. 20	65.46
Dec. 17	69.36	Apr. 13	64.27	June 24	53.70	Oct. 10	70.53
Jan. 20, 1970	69.07	May 25	63.90	Oct. 6	65.76	Nov. 14	70.16
Mar. 10	64.90	June 22	65.73	Nov. 3	67.90	Dec. 28	70.48
Apr. 23	64.49	Aug. 5	66.78				

Charles County

383422077114601. Local number Ch-Cb 7. U.S. Navy. Naval Ordnance Station. Indian Head. Drilled unused artesian well in sand of the Patapsco Formation of Early and Late Cretaceous age (previously reported sand of Patapsco and Raritan Formations of Early Cretaceous age), diam 8 to 6 in (20 to 15 cm), depth 400 ft (122 m), cased to 400 ft (122 m), screened 154-167 ft (47-51 m). Lsd 36 ft (11 m) above msl. MP top of casing, at lsd (since Aug. 1, 1965). Highest water level 57.35 ft (17.48 m) below lsd, Apr. 18, 1952; lowest 88.58 ft (27.00 m) below lsd, Oct. 22, 1968. Records available: 1953-73.

383422077114601--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1969	87.25	Feb. 25, 1970	85.03	Aug. 26, 1971	84.65	Feb. 21, 1973	79.80
Feb. 25	87.31	May 12	86.30	Oct. 29	82.25	Mar. 22	79.50
Apr. 2	87.19	July 6	86.71	Dec. 29	81.69	Apr. 25	79.02
May 12	87.71	Sept. 9	87.33	Feb. 29, 1972	80.41	June 5	80.49
June 16	87.48	Nov. 6	86.86	May 2	78.62	July 25	81.94
Aug. 5	86.69	Dec. 29	85.54	July 6	80.22	Sept. 11	82.20
Sept. 5	86.77	Mar. 5, 1971	85.08	Aug. 31	81.60	Oct. 31	77.68
Nov. 3	85.14	Apr. 28	84.30	Oct. 31	81.75	Dec. 7	77.73
Dec. 30	84.32	May 29	84.01	Dec. 27	81.10	27	77.24

Dorchester County

383346076030301. Local number Dor-Ce 21. Eastern Shore State Hospital. Near Cambridge. Drilled unused artesian well in sand of the Piney Point Formation of late Eocene age, diam 8 to 4 1/2 in (20 to 11 cm), depth 368 ft (112 m), cased to 368 ft (112 m). Lsd 12 ft (4 m) above msl. MP top of casing, at lsd. Highest water level 14 ft (4 m) below lsd, August 1914; lowest c137.49 ft (41.91 m) below lsd, Feb. 8, 1962. Records available: 1914, 1952, 1956-73.

Jan. 2, 1969	97.15	May 11, 1970	102.08	Dec. 8, 1971	113.81	Feb. 8, 1973	94.84
22	101.90	June 5	105.21	Jan. 5, 1972	107.55	Jan. 7	104.48
Feb. 25	104.27	July 23	106.68	Feb. 11	110.66	Mar. 7	99.85
Apr. 2	101.79	Sept. 23	111.57	Mar. 8	107.39	Apr. 5	100.76
May 6	106.77	Oct. 16	115.00	Apr. 5	102.85	May 9	103.45
June 4	108.89	Nov. 23	106.89	May 16	98.02	June 13	104.20
July 25	106.75	Jan. 5, 1971	102.87	June 7	98.33	July 19	101.80
Sept. 9	106.57	Feb. 10	109.85	July 11	103.75	Aug. 10	107.14
Oct. 30	111.38	Mar. 24	111.45	Sept. 14	105.60	Sept. 5	106.88
Dec. 11	106.32	May 10	125.20	Oct. 12	103.02	Oct. 18	105.87
Jan. 14, 1970	106.34	June 16	105.43	Nov. 14	98.89	Nov. 9	105.92
30	107.91	July 28	114.80	Dec. 7	99.56	Dec. 21	104.44
Mar. 20	109.75	Nov. 10	115.56				

c Nearby well being pumped.

Garrett County

39016078581601. Local number Gar-Ag 1. Town of Frostburg. Savage River Valley. Drilled unused water-table well in Pocono Sandstone of Early Mississippian age or Greenbrier Limestone of Late Mississippian age, diam 8 in (20 cm), depth 30 ft (9 m), cased to unknown depth. Lsd 2,530 ft (771 m) above msl. MP top of casing, at lsd. Highest water level 5.71 ft (1.74 m) below lsd, Jan. 19, 1950; lowest 9.37 ft (2.86 m) below lsd, Nov. 24, 1964. Records available: 1946-73.

Jan. 10, 1969	7.57	Mar. 24, 1970	7.12	May 24, 1971	7.10	Sept. 22, 1972	7.45
23	7.58	Apr. 23	6.63	June 24	7.17	Oct. 25	7.16
Feb. 20	7.55	May 25	6.88	July 23	7.38	Nov. 24	6.50
Mar. 24	7.35	June 15	7.14	Aug. 24	7.70	Dec. 21	6.13
Apr. 25	7.37	July 23	7.21	Sept. 22	7.38	Jan. 23, 1973	6.28
May 23	7.40	Aug. 22	7.41	Oct. 26	7.04	Feb. 21	6.25
June 24	7.56	Sept. 23	7.82	Nov. 23	7.25	Apr. 23	6.11
July 24	7.72	Sept. 24	8.03	Dec. 15	6.92	May 24	6.20
Aug. 22	7.85	Oct. 23	8.07	Jan. 24, 1972	7.00	June 18	6.02
Sept. 23	7.75	Nov. 24	7.44	Feb. 24	7.03	July 25	6.38
Oct. 7	7.86	Dec. 22	6.88	Mar. 27	6.87	Aug. 23	6.39
23	8.02	Jan. 25, 1971	7.45	Apr. 24	6.70	Sept. 18	6.38
Nov. 24	7.49	Feb. 22	6.87	May 24	6.82	Oct. 2	6.41
Dec. 19	7.35	Mar. 22	7.24	June 26	6.81	24	6.69
Jan. 23, 1970	7.31	Apr. 23	7.09	July 25	6.95	Nov. 20	6.44
Feb. 24	7.19	27	7.20	Aug. 23	7.10	Dec. 12	6.34

Harford County

392343076161901. Local number Har-Ed 24. U.S. Army. Edgewood Arsenal. Edgewood. Drilled unused artesian well in sand of the Patapsco Formation of Early and Late Cretaceous age, diam 18 to 10 in (46 to 25 cm), depth 149 ft (45 m), cased to 120 ft (37 m), screened 120-135 ft (37-41 m). Lsd 13 ft (4 m) above msl. MP top of casing, 1.15 ft (0.35 m) above lsd. Highest water level 8.24 ft (2.51 m) below lsd, Apr. 13, 1944; lowest 38.40 ft (11.70 m) below lsd, Apr. 23, 1967. Records available: 1944, 1949-73.

Jan. 30, 1969	11.23	July 17, 1970	9.73	Aug. 11, 1971	9.24	Dec. 19, 1972	10.07
Apr. 24	10.90	Aug. 24	10.21	Sept. 14	9.65	Feb. 1, 1973	10.05
Aug. 20	10.62	Oct. 9	10.35	Nov. 4	10.09	Mar. 5	12.50
Sept. 16	10.22	Dec. 9	10.45	Dec. 2	10.75	Apr. 17	10.92
Nov. 14	10.13	Jan. 7, 1971	18.55	Mar. 8, 1972	9.59	May 23	12.93
Dec. 23	10.83	27	10.40	Apr. 14	9.08	July 11	10.65
Jan. 29, 1970	9.54	Mar. 8	9.65	May 17	8.77	Aug. 20	9.80
Mar. 10	10.10	Apr. 16	9.75	July 19	9.41	Oct. 3	10.12
Apr. 21	9.89	May 17	9.95	Sept. 26	10.45	Dec. 4	10.35
June 10	10.26	July 1	9.70	Nov. 16	10.05		

Montgomery County

390358077014001. Local number Mont-Eg 1. Kay Construction Co. Near Colesville. Dug unused water-table well in the Wissahickon Formation (lower pelitic schist) of Precambrian to Early Ordovician age, diam unknown, depth 20 ft (6 m), cribbed with loose stones. Lsd 289 ft (88 m) above msl. MP top of floor boards, 1.23 ft (0.37 m) above lsd (since Dec. 28, 1970). Highest water level 8.96 ft (2.73 m) below lsd, Apr. 28, 1952; lowest 18.51 ft (5.64 m) below lsd, Sept. 13, 1966. Records available: 1932-73. Well destroyed; measurement discontinued Mar. 26, 1973. Replaced by well Mont-Eh 20. Recording gage removed Dec. 24, 1970.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.94	16.52	15.82	15.46	15.74	16.28	16.96	17.36	16.40	17.11	17.18	16.97
10	16.89	16.47	15.70	15.50	15.80	16.39	17.13	15.69	16.67	17.20	17.15	16.34
15	16.88	16.43	15.66	15.57	.....	16.47	17.27	16.66	16.76	17.20	17.14	16.20
20	16.84	16.37	15.59	15.61	.....	16.52	17.45	15.98	16.91	17.19	16.73	16.25
25	16.63	15.78	15.17	15.63	.....	16.64	17.54	16.43	17.01	17.21	17.00	15.89
Eom	16.60	15.97	15.49	15.69	16.16	16.79	17.53	16.58	17.14	17.20	16.96	13.78

1970

5	14.93	14.71	13.90	13.05	.....	14.64	15.73	16.18	.....	18.00	16.73	.....
10	14.94	13.40	14.21	13.13	.....	14.79	14.89	16.35	.....	18.11	17.62	.....
15	15.00	13.97	14.38	10.35	.....	15.05	15.59	16.52	.....	18.21	16.11	.....
20	14.78	13.73	14.33	11.41	.....	15.21	15.86	16.69	.....	18.24	16.95	.....
25	14.95	13.75	14.26	.....	13.97	15.34	15.67	16.83	.....	18.11	17.01	.....
Eom	15.01	13.94	13.91	.....	14.41	15.53	15.98	17.01	17.85	18.03	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	15.17	Aug. 24, 1971	17.49	Mar. 25, 1972	12.19	Sept. 27, 1972	16.69
Feb. 25	11.51	Sept. 24	15.57	Apr. 24	11.21	Oct. 24	17.07
Mar. 25	13.06	Oct. 26	12.03	May 25	12.63	Nov. 27	13.72
Apr. 26	13.75	Nov. 24	16.23	July 4	9.32	Dec. 26	11.97
May 24	13.88	Dec. 27	14.04	27	13.42	Jan. 25, 1973	13.16
June 25	14.59	Jan. 24, 1972	13.95	Aug. 25	15.53	Feb. 23	12.57
July 26	16.14	Feb. 29	10.65				

390434076573002. Local number Mont-Eh 20. Cities Service Oil Co. Fairland. Drilled unused water-table well in the Wissahickon Formation (lower pelitic schist) of Precambrian to Early Ordovician age, diam 5 5/8 in (14 cm), depth 103 ft (31 m), cased to 50 ft (15 m). Lsd 410 ft (125 m) above msl. MP west side of bell housing at inside of lip, at lsd. Highest water level 4.39 ft (1.34 m) below lsd, June 25, 1972; lowest 12.71 ft (3.87 m) below lsd, Nov. 26, 1973. Records available: 1955-73. Replaces well Mont-Eg 1.

Mar. 11, 1955	8.82	Feb. 1, 1960	9.73	June 29, 1964	9.33	Nov. 27, 1968	9.55
31	9.06	Apr. 29	7.94	July 31	10.22	Dec. 31	9.50
June 1	10.49	Apr. 4	7.42	Sept. 2	10.90	Jan. 27, 1969	9.43
30	10.64	May 3	8.77	Oct. 1	11.10	Feb. 27	8.67
July 31	11.60	June 1	8.70	29	11.15	Mar. 26	8.78
Sept. 2	8.18	30	9.67	Nov. 30	10.93	Apr. 24	9.29
Oct. 3	9.64	Aug. 2	9.68	Dec. 30	9.69	May 26	9.96
31	9.02	31	9.46	Feb. 4, 1965	9.27	June 26	10.48
Dec. 1	9.71	Oct. 3	9.05	Mar. 1	8.84	July 25	9.79
30	9.50	Nov. 2	9.75	31	7.38	Aug. 26	8.11
Mar. 1, 1956	8.60	30	10.10	Apr. 30	8.57	Sept. 25	8.96
30	7.66	Dec. 30	9.97	June 1	9.44	Oct. 27	9.65
Apr. 30	8.76	Feb. 1, 1961	9.15	29	10.17	Nov. 26	9.66
May 31	9.56	Mar. 1	5.79	July 30	10.88	Dec. 29	7.96
June 29	10.04	31	6.83	Aug. 31	11.20	Jan. 26, 1970	8.23
July 31	9.97	May 5	7.60	Sept. 30	11.53	Feb. 27	7.49
Aug. 31	10.66	29	8.14	Nov. 1	11.40	Mar. 25	7.58
Oct. 1	10.37	June 29	8.95	Dec. 1	11.56	Apr. 27	6.28
31	10.39	July 28	9.62	29	11.68	May 27	7.55
Nov. 30	10.23	Sept. 1	9.50	Mar. 1, 1966	7.49	June 27	7.80
Dec. 31	9.28	Oct. 2	10.48	Apr. 1	9.41	Nov. 10	12.38
Jan. 31, 1957	9.19	31	10.53	May 4	8.44	Dec. 30	11.61
Mar. 1	8.03	Nov. 30	11.43	June 1	9.37	Mar. 4, 1971	9.49
Apr. 1	8.59	Dec. 28	9.57	29	10.48	Apr. 27	11.66
May 1	8.73	Jan. 31, 1962	9.66	Aug. 1	11.82	May 24	11.29
31	9.50	Feb. 27	7.22	30	12.49	June 25	12.08
July 1	9.84	Apr. 7	6.89	Sept. 30	9.46	July 26	12.70
31	10.57	May 1	8.07	Nov. 1	8.83	Aug. 24	12.47
Aug. 30	11.15	June 1	8.92	30	9.23	Oct. 4	11.14
Sept. 30	10.87	29	9.40	Dec. 31	8.36	Nov. 10	10.72
Nov. 1	11.12	July 31	10.11	Feb. 1, 1967	8.54	24	11.30
29	10.76	Aug. 31	10.90	27	8.09	Dec. 27	10.91
Dec. 30	7.36	Oct. 2	11.21	Mar. 31	7.43	Feb. 22, 1972	9.09
Jan. 31, 1958	7.66	31	11.11	May 1	8.54	Apr. 24	8.83
Feb. 28	6.20	Dec. 1	9.22	June 2	8.90	June 25	4.39
Apr. 1	4.66	Jan. 3, 1963	9.85	July 26	9.63	July 25	9.86
June 30	6.37	Feb. 1	9.13	Aug. 26	9.45	Aug. 25	11.31
July 2	7.29	Mar. 1	9.00	Aug. 28	7.73	Oct. 24	12.57
July 1	8.55	29	7.45	Sept. 27	9.62	Dec. 28	10.50
Aug. 2	7.95	May 1	8.64	Oct. 26	9.82	Feb. 13, 1973	9.57
Sept. 3	8.81	29	9.40	Nov. 28	10.23	Mar. 26	9.71
Oct. 7	9.55	June 28	9.30	Dec. 26	8.71	Apr. 2	8.08
31	9.86	July 31	10.18	Jan. 26, 1968	8.36	24	9.89
Dec. 1	9.97	Sept. 10	10.44	Feb. 27	8.98	30	8.57
30	10.05	Oct. 2	9.94	Mar. 26	7.37	May 29	9.69
Jan. 30, 1959	9.44	Dec. 2	8.14	Apr. 26	8.67	June 26	12.14
Mar. 2	9.34	30	9.16	May 30	7.88	July 25	11.39
31	9.33	Feb. 3, 1964	7.15	June 26	8.14	Aug. 24	11.35
Apr. 30	8.83	28	6.31	July 26	8.75	Sept. 24	11.71
June 1	9.74	Apr. 2	7.12	Aug. 26	9.83	Oct. 24	12.53
Aug. 3	10.19	May 1	6.86	Sept. 25	10.25	Nov. 26	12.71
Sept. 1	10.66	June 1	8.64	Oct. 25	10.14	Dec. 26	10.41

Queen Annes County

385849076190001. Local number QA-Eb 12. Stevensville Fire Dept. Stevensville. Drilled unused artesian well in the Aquia Formation of Paleocene age, diam 3 in (7.6 cm), depth 206 ft (63 m), length of casing unknown. Lsd 10 ft (3 m) above msl. MP top of casing, at lsd. Highest water level 0.54 ft (0.16 m) below lsd, Mar. 1, 1954; lowest 4.89 ft (1.49 m) below lsd, Nov. 2, 1954. Records available: 1953-69. Well destroyed; measurement discontinued Oct. 30, 1969. Jan. 2, 1969, 4.09; Jan. 22, 3.91; Feb. 24, 3.67; Apr. 2, 3.60; May 5, 3.58; June 4, 3.55; Sept. 9, 3.31.

Washington County

393638078001301. Local number Wa-Be 2. Port Frederick State Park. Near Big Pool. Dug unused water-table well in Romney Shale of Middle Devonian age, diam 42 in (107 cm), depth 43 ft (13 m), cribbed with stone. Lsd 470 ft (143 m) above msl. MP top of stone sill, 0.80 ft (0.24 m) above lsd. Highest water level 17.90 ft (5.46 m) below lsd, May 15, 1972; lowest 36.92 ft (11.25 m) below lsd, Jan. 11, 1965. Records available: 1949-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	35.80	May 5, 1970	21.50	Nov. 12, 1971	27.73	Dec. 18, 1972	25.25
Mar. 11	35.87	June 17	28.18	Dec. 22	27.98	Feb. 13, 1973	21.79
Apr. 21	35.43	July 30	27.71	Feb. 15, 1972	26.16	Mar. 20	25.58
May 22	35.18	Oct. 19	34.18	Mar. 7	20.48	Apr. 26	21.83
June 23	35.81	Dec. 28	24.68	Apr. 19	22.95	May 21	24.35
July 16	36.50	Feb. 11, 1971	26.58	May 15	17.90	June 7	23.60
Sept. 10	36.21	Mar. 22	24.01	June 20	25.69	July 12	28.04
Oct. 7	36.00	May 7	30.60	July 27	25.25	Aug. 17	32.83
Nov. 19	36.40	June 3	28.72	Aug. 24	31.02	Sept. 13	34.08
Dec. 16	36.02	July 14	29.63	Sept. 11	32.95	Oct. 2	35.85
Feb. 12, 1970	28.26	Sept. 10	34.02	Nov. 2	34.70	26	35.62
Mar. 26	26.52	Oct. 27	29.84				

Wicomico County

382037075310801. Local number W1-Cf 3. Salisbury Airport. Mount Hermon. Drilled unused water-table well in sand of Pleistocene age, diam 16 in (41 cm), depth 109 ft (33 m), cased to 90 ft (27 m), screened 90-108 ft (27-33 m). Lsd 45 ft (14 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 1.90 ft (0.58 m) below lsd, May 7, 1958; lowest 13.44 ft (4.10 m) below lsd, Sept. 18, 1947. Records available: 1942, 1947-73.

Jan. 3, 1969	8.07	Apr. 28, 1970	5.57	Dec. 7, 1971	5.99	Jan. 8, 1973	5.39
Feb. 27	7.96	June 15	7.68	Jan. 3, 1972	6.89	Feb. 6	4.36
Feb. 27	5.85	July 27	6.83	Feb. 10	5.65	Mar. 5	6.20
Apr. 3	6.52	Sept. 16	8.26	Mar. 7	4.98	Apr. 4	5.51
May 9	6.61	Oct. 14	8.80	Apr. 4	6.16	May 9	6.56
June 5	7.84	Nov. 20	7.00	May 2	6.39	June 12	7.48
July 18	9.03	Jan. 7, 1971	4.81	June 6	6.47	July 18	7.98
Sept. 10	6.12	Feb. 18	4.97	July 11	5.76	Aug. 9	8.45
Oct. 31	8.33	Mar. 23	6.17	Sept. 13	6.72	Sept. 5	6.78
Dec. 10	8.52	May 7	7.09	Oct. 12	5.64	Oct. 18	7.89
Jan. 13, 1970	6.00	June 15	6.83	Nov. 15	4.81	Nov. 8	8.22
28	5.64	July 27	8.20	Dec. 6	5.27	Dec. 22	5.25
Mar. 16	6.57	Nov. 11	5.75				

References

Weigle, James M., and Webb, Wayne E., 1970, Southern Maryland records of selected wells, water levels, and chemical analyses of water: Maryland Geol. Survey Basic Data Rept. 4, 48 p. Plate 4: Hydrographs of observation wells in Southern Maryland, and water-bearing units as indicated. (No tabulated data.)

# MISSISSIPPI

The observation-well program was continued in Mississippi during 1969 through 1973 in cooperation with the Mississippi Board of Water Commissioners. Figure 7 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 page 1. Local well numbers are also given.

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. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

### Adams County

313341091242801. Local number C11. City of Natchez. Drilled unused artesian well in sand of Miocene age, diam 18 in (46 cm), reported depth 400 ft (122 m), cased to about 400 ft (122 m). Lsd about 60 ft (18 m) above msl. MP top of steel casing, at lsd. Highest water level 60.12 ft (18.32 m) below lsd, Apr. 25, 1961; lowest 98.68 ft (30.08 m) below lsd, Oct. 7, 1969. Records available: 1961-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1969	92.60	Mar. 16, 1970	94.24	July 21, 1971	86.00	July 10, 1972	87.92
June 19	85.50	July 7	85.99	Jan. 14, 1972	84.68	Oct. 19	97.50
Oct. 7	98.68	Oct. 27	87.96	Apr. 13	87.05	Oct. 30, 1973	87.62
Jan. 19, 1970	98.18	Jan. 11, 1971	82.86				

### Alcorn County

345456088313001. Local number G57. City of Corinth. Drilled unused artesian well in rocks of Paleozoic age, diam 12 in (30 cm), depth 453 ft (138 m), cased to 410 ft (125 m). Lsd about 460 ft (140 m) above msl. MP top of steel casing, 1.00 ft (0.30 m) above lsd. Highest water level 100.9 ft (30.8 m) below lsd, Oct. 17, 1962; lowest 214.9 ft (65.5 m) below lsd, Sept. 1, 1973. Records available: 1962-73. Water levels affected by nearby pumping.

Highest water level for the day, from recorder graph, 1969											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	.....	.....	.....	158.5	158.9	162.8	155.0	164.2	167.4	166.7	.....
10	.....	.....	.....	159.2	160.1	164.0	153.4	165.8	167.4	166.0	169.1
15	.....	.....	158.2	160.4	159.5	163.0	155.8	165.4	167.4	165.6	.....
20	.....	.....	157.7	158.6	158.8	163.4	158.9	166.7	168.0	167.8	168.8
25	.....	.....	155.5	159.8	160.6	161.8	.....	167.6	167.3	168.5	168.7
Eom	.....	.....	158.0	161.0	162.1	159.4	.....	168.4	167.3	.....	160.6
1970											
5	159.6	157.0	166.5	163.3	162.1	167.5	172.1	164.7	170.6	171.9	164.3
10	157.7	156.9	166.1	163.6	163.1	167.6	171.8	165.9	166.3	172.0	162.9
15	156.7	161.8	166.3	159.8	164.0	167.6	166.9	170.8	169.8	168.3	160.4
20	158.1	163.3	166.0	157.2	163.1	166.9	166.4	171.0	.....	170.2	162.7
25	157.9	165.9	165.8	161.7	162.4	165.8	166.3	168.0	.....	170.1	163.0
Eom	157.7	166.7	164.8	162.5	166.9	170.4	167.8	168.9	170.5	164.7	159.1
1971											
5	159.0	.....	166.1	164.2	166.8	165.7	164.9	175.3	175.9	176.7	177.4
10	158.1	.....	166.1	163.5	168.5	169.0	165.1	175.3	175.5	175.4	176.4
15	.....	.....	167.0	165.0	169.2	170.4	168.2	175.8	171.6	176.5	176.2
20	.....	165.1	167.6	165.3	169.3	172.6	171.0	176.6	173.3	177.5	176.4
25	.....	165.0	167.2	164.6	169.8	172.8	174.0	177.1	175.7	177.6	176.2
Eom	.....	165.8	166.5	166.8	167.3	167.5	173.8	177.7	175.2	178.0	169.2

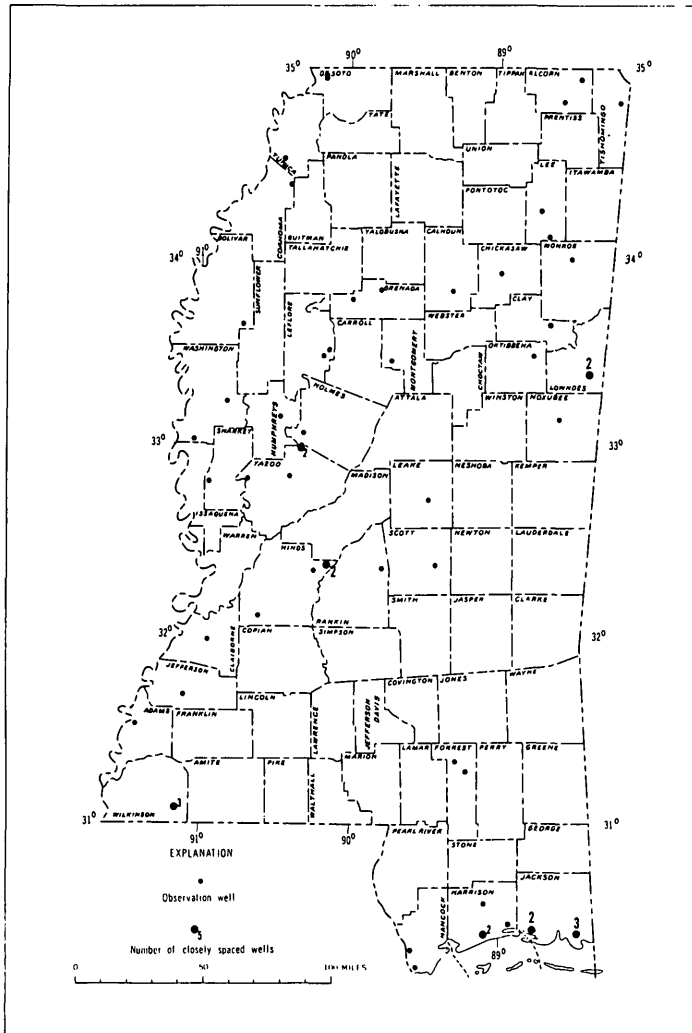


Figure 7.--location of observation wells in Mississippi, 1969-73.

345456088313001--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	172.5	170.3	170.3	179.4	184.6	181.8	186.7	187.5	185.6	189.4	187.3
10	.....	173.0	171.1	174.2	178.9	185.4	176.1	186.9	189.4	187.2	189.2	187.5
15	.....	174.6	171.3	175.4	177.9	185.7	176.2	187.2	190.4	188.1	189.9	.....
20	176.7	175.7	171.7	176.3	179.4	188.2	181.1	188.2	190.7	187.5	189.3	.....
25	175.9	172.2	172.2	177.0	.....	189.9	183.8	186.6	188.6	188.4	186.5	.....
Eom	176.8	169.4	170.7	178.7	180.6	188.0	185.8	188.9	185.6	188.5	186.6	.....
1973												
5	.....	190.2	192.1	191.6	191.8	192.8	204.8	211.9	209.6	208.6	204.4	210.4
10	.....	191.3	192.0	191.4	191.3	195.1	204.8	212.6	211.9	207.3	204.5	211.6
15	.....	191.6	191.7	191.6	192.7	201.4	205.0	212.2	211.6	206.1	204.3	212.3
20	186.5	192.7	191.4	191.6	192.0	201.3	.....	212.8	210.1	205.6	207.9	207.7
25	187.2	193.7	191.3	190.8	191.8	204.8	.....	214.1	210.1	204.9	205.4	208.3
Eom	185.7	193.0	191.6	191.2	188.7	.....	210.6	214.7	210.9	204.1	208.4	204.8

344642088340501. Local number K11. C. B. Curlee. Drilled unused artesian well in rocks of Paleozoic age, diam 4 in (10 cm), reported depth 574 ft (175 m), cased to 478 ft (146 m). Lsd about 460 ft (140 m) above msl. MP top of recorder house floor, 1.50 ft (0.46 m) above lsd. Highest water level 89.00 ft (27.13 m) below lsd, Dec. 17, 1961; lowest 104.60 ft (31.88 m) below lsd, Mar. 28, 1973. Records available: 1961-73. June 5, 1969, 101.40; Apr. 7, 1970, 101.10; Apr. 20, 1971, 101.79; Apr. 12, 1972, 102.78; Mar. 28, 1973, 104.60.

Bolivar County

333959090435001. Local number Q150. Jones Bayou Gin Association. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age (previously reported Miocene age), diam 3 to 2 in (7.6 to 5.1 cm), depth 1,310 ft (399 m), cased to 1,310 ft (399 m). Lsd 133.66 ft (40.74 m) above msl. MP top of 3-in (7.6 cm) coupling, at lsd. Highest water level 20.10 ft (6.13 m) above lsd, May 30, 1939; lowest 3.20 ft (0.98 m) below lsd, Oct. 19, 1968. Records available: 1939-68, 1970-73. No measurement made in 1969. Apr. 15, 1970, +1.63; Apr. 14, 1971, +.34; Apr. 5, 1972, +.17; Oct. 12, -1.50; Apr. 12, 1973, -1.05; Sept. 25, -1.40.

Calhoun County

335119089182801. Local number K101. Calhoun City. Drilled public-supply artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 12 in (30 cm), depth 1,898 ft (579 m), cased to 1,858 ft (566 m). Lsd about 270 ft (82 m) above msl. MP top of air vent in north side of pumpbase, 1.30 ft (0.40 m) above lsd. Highest water level 42.75 ft (13.03 m) below lsd, Mar. 14, 1957; lowest 56.90 ft (17.34 m) below lsd, June 10, 1969. Records available: 1955-67, 1969, 1971-73. No measurement made in 1970. Water levels affected by pumping. June 10, 1969, 56.90; June 20, 1971, 59.88 (well pumped recently); Nov. 11, 61.32 (well pumped recently); Jan. 11, 1972, 59.90 (well pumped recently); Apr. 6, 61.78 (well pumped recently); Apr. 9, 1973, 62.11 (well pumped recently).

Chickasaw County

335140089005001. Local number K37. J. D. McAlpin. Drilled unused artesian well in sand of Ripley Formation of Late Cretaceous age, diam 4 in (10 cm), reported depth 130 ft (40 m), cased to 80 ft (24 m). Lsd about 320 ft (98 m) above msl. MP top of steel casing, at lsd. Highest water level 59.40 ft (18.11 m) below lsd, Mar. 20, 1962; lowest 67.10 ft (20.45 m) below lsd, Oct. 28, 1971. Records available: 1958-73. June 10, 1969, 64.10; Apr. 7, 1970, 64.40; Apr. 20, 1971, 64.80; Oct. 28, 67.10; Jan. 31, 1972, 66.20; Apr. 12, 65.45; Apr. 9, 1973, 64.82.

Claiborne County

315718090591501. Local number L5. Town of Port Gibson. Drilled unused artesian well in sand of Miocene age, diam 10 in (25 cm), reported depth 250 ft (76 m), cased to 250 ft (76 m). Lsd about 120 ft (37 m) above msl. MP top of steel casing, 2.00 ft (0.61 m) above lsd. Highest water level 76.87 ft (23.43 m) below lsd, Apr. 22, 1963; lowest 106.90 ft (32.58 m) below lsd, Sept. 14, 1963. Records available: 1961-73. Water levels affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	93.20	July 6, 1970	84.81	Oct. 14, 1971	85.30	Oct. 19, 1972	92.91
June 18	87.50	Oct. 26	84.11	Jan. 14, 1972	84.13	Jan. 19, 1973	90.89
Oct. 7	89.15	Jan. 11, 1971	85.01	Apr. 13	85.39	Apr. 13	85.55
Feb. 3, 1970	85.70	Apr. 7	85.42	July 10	89.24	Oct. 30	92.88
Mar. 16	83.45	July 20	84.98				



Clay County

333722088382801. 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 (10 cm), depth 802 ft (244 m), cased to 782 ft (238 m). Lsd about 240 ft (73 m) above msal. MP top of 2-in (5.1 cm) nipple in well head, 2.00 ft (0.61 m) above lsd. Highest water level 26.10 ft (7.96 m) below lsd, Apr. 11, 1972; lowest 43.45 ft (13.24 m) below lsd, Apr. 19, 1971. Records available: 1963, 1965-68, 1970-72. No measurement made in 1969, 1973. Water levels affected by nearby pumping. Apr. 6, 1970, 42.40; Apr. 19, 1971, 43.45; Apr. 11, 1972, 26.10.

Coahoma County

342400090322001. Local number C111. Norfleet & Wilsford. Drilled domestic artesian well in sand of Wilcox Formation of early Eocene age, diam 3 to 2 in (7.6 to 5.1 cm), depth 1,837 ft (560 m), screened 1,796-1,837 ft (547-560 m). Lsd 180.88 ft (55.13 m) above msal. MP top of 3-in (7.6 cm) tee, 1.00 ft (0.30 m) above lsd. Highest water level 40.8 ft (12.4 m) above lsd, July 26, 1970; lowest 6.0 ft (1.8 m) above lsd, Apr. 11, 1973. Records available: 1940-73. June 6, 1969, +10.5; Apr. 15, 1970, +10.0; Apr. 14, 1971, +11.0; Apr. 5, 1972, +8.0; Apr. 11, 1973, +6.0.

De Soto County

34573609102301. Local number A103. H. P. Sullivan. Drilled unused artesian well in sand of Wilcox Formation of early Eocene age, diam 4 to 2 in (10 to 5.1 cm), depth 1,525 ft (465 m), cased to 1,485 ft (453 m). Lsd about 205 ft (62 m) above msal. MP top of 2-in (5.1 cm) drop pipe, 3.30 ft (1.01 m) above lsd. Highest water level 16.25 ft (4.95 m) above lsd, July 15, 1939; lowest 25.45 ft (7.76 m) below lsd, Apr. 14, 1971. Records available: 1939, 1955-73. June 6, 1969, 21.00; Apr. 15, 1970, 22.24; Apr. 14, 1971, 25.45; Apr. 5, 1972, 22.94; Apr. 11, 1973, 20.26.

Forrest County

311930089173001. Local number D130. City of Hattiesburg. Community Center Bldg. Drilled unused artesian well in Catahoula Sandstone of Oligocene(?) and Miocene age, diam 10 in (25 cm), depth 390 ft (119 m), screened 310-390 ft (94-119 m). Lsd 151.76 ft (46.26 m) above msal. MP top edge of discharge pipe, 7.75 ft (2.36 m) above lsd. Highest water level 7.25 ft (2.21 m) above lsd, June 12, 1950; lowest 22.48 ft (6.85 m) below lsd, Apr. 23, 1973. Records available: 1940-54, 1956-73. Sept. 30, 1969, 18.26; Jan. 12, 1970, 18.07; Apr. 22, 18.55; Apr. 28, 1971, 19.55; Apr. 18, 1972, 21.63; Apr. 23, 1973, 22.48.

311137089110501. Local number G116. U.S. Government-Mississippi National Guard. Camp Shelby. Drilled observation artesian well in sand of Hattiesburg Formation of early and middle Miocene age, diam 4 to 3 in (10 to 7.6 cm), depth 392 ft (119 m), screened 382-392 ft (116-119 m). Lsd 258.44 ft (78.77 m) above msal. MP top of 4-in (10 cm) casing flange, 2.00 ft (0.61 m) above lsd. Highest water level 122.08 ft (37.21 m) below lsd, Apr. 2, 1954; lowest 140.53 ft (42.83 m) below lsd, Oct. 25, 1973. Records available: 1943-45, 1954-73. Occasional pumping nearby.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 14, 1969	132.5	Oct. 20, 1970	134.70	Feb. 1, 1972	134.50	Jan. 31, 1973	135.70
Sept. 30	134.0	Jan. 7, 1971	133.73	Apr. 18	134.85	Apr. 23	134.67
Jan. 12, 1970	134.0	Apr. 28	133.60	July 11	137.24	July 26	135.60
Apr. 22	133.2	Aug. 5	139.35	Oct. 19	133.98	Oct. 25	140.53
July 21	137.6	Oct. 21	135.60				

Grenada County

335016089471801. 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 (30 to 20 cm), depth 257 ft (78 m), previously reported 282 ft (86 m); screened 227-257 ft (69-78 m). Lsd 207.07 ft (63.11 m) above msal. MP top of south side of concrete base, 1.20 ft (0.37 m) above lsd. Highest water level 1.98 ft (0.60 m) below lsd, Apr. 19, 1962; lowest 30.08 ft (9.17 m) below lsd, Oct. 28, 1942. Records available: 1942, 1954-73. Affected by stage of Grenada Reservoir; well is 0.5 mile below dam. Recording gage removed June 2, 1969.

Jan. 7, 1969	13.60	Apr. 7, 1970	6.80	Apr. 15, 1971	7.40	June 26, 1972	9.70
Feb. 25	9.00	July 14	5.66	July 7	9.60	Oct. 12	16.10
June 2	5.80	Aug. 7	8.10	Nov. 11	20.21	Apr. 12, 1973	2.48
Oct. 2	15.10	Oct. 13	12.30	Jan. 12, 1972	14.80	Aug. 29	6.70
Feb. 9, 1970	11.95	Feb. 4, 1971	13.75	Apr. 6	11.57		

334556089584501. Local number F112. Holcomb School. Drilled school-supply artesian well in sand of Wilcox Formation of early Eocene age, diam 3 in (7.6 cm), depth 983 ft (300 m), screened 943-983 ft (287-300 m). Lsd 183.14 ft (55.82 m) above msal. MP top of 3-in (7.6 cm) tee, 1.40 ft (0.43 m) above lsd, or top of discharge pipe, 1.20 ft (0.37 m) above lsd. Highest water level 30.4 ft (9.3 m) above lsd, July 31, 1941; lowest 8.7 ft (2.7 m) above lsd, June 6, 1969. Records available: 1939-69. Measurement discontinued. June 6, 1969, +8.7.

Hancock County

302118089351504. Local number H14. Mississippi Test Facility (NASA). Drilled unused artesian well in Citronelle Formation of Pliocene age, diam 12 in (30 cm), depth 144 ft (44 m), cased to 84 ft (26 m). Lsd about 20 ft (6 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 4.3 ft (1.3 m) below lsd, Jan. 5, 1971; lowest 8.3 ft (2.5 m) below lsd, June 3, 1968. Records available: 1968, 1971-73. No measurement made in 1969-70. June 3, 1968, 8.3; Jan. 5, 1971, 4.3; Mar. 25, 1972, 5.8; Apr. 17, 6.5; Apr. 23, 1973, 6.3.

301610089332101. 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 (7.6 cm), reported depth 675 ft (206 m), cased to 635 ft (194 m). Lsd about 20 ft (6 m) above msl. MP top of 3-in (7.6 cm) steel pipe, 2.90 ft (0.88 m) above lsd. Highest water level 10.7 ft (3.3 m) above lsd, June 19, 1956; lowest 3.8 ft (1.2 m) above lsd, Apr. 20, 1972. Records available: 1956-64, 1966-72. Measurement discontinued. Well is under highway with offset pipe running to drinking fountain.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 15, 1969	+4.3	Jan. 8, 1970	+4.0	Oct. 22, 1970	+4.2	Oct. 22, 1971	+4.1
Aug. 20	4.1	Apr. 23	3.9	Apr. 29, 1971	4.2	Jan. 13, 1972	4.2
Oct. 9	4.2	July 22	4.0	Aug. 12	3.9	Apr. 20	3.8

Harrison County

303110089070201. Local number G121. Mississippi Game and Fish Commission. Formerly U.S. Fish and Wildlife Service. Drilled unused artesian well in Graham Ferry Formation of Pliocene age, diam 3 in (7.6 cm), depth 456 ft (139 m), screened 416-456 ft (127-139 m). Lsd about 65 ft (20 m) above msl. MP top of casing, 0.40 ft (0.12 m) above lsd. Highest water level 10.0 ft (3.0 m) below lsd, Apr. 14, 1939; lowest 46.96 ft (14.31 m) below lsd, Oct. 24, 1973. Records available: 1939, 1954-73. Water levels affected by nearby pumping.

Jan. 22, 1969	38.50	May 15, 1969	38.40	Oct. 20, 1970	40.76	Apr. 14, 1972	41.63
Feb. 12	38.85	June 3	39.28	Apr. 27, 1971	39.62	Oct. 20	46.88
Mar. 4	38.50	Oct. 9	39.45	Aug. 12	42.42	Apr. 24, 1973	43.13
25	38.20	Jan. 7, 1970	40.10	Oct. 22	42.44	Oct. 24	46.96
Apr. 16	38.16	Apr. 22	39.27				

302200089053301. Local number L154. U.S. Post Office Dept. Gulfport. Drilled unused artesian well in Pascagoula Formation of late Miocene age, diam 3 in (7.6 cm), depth 1,262 ft (385 m), screened 1,232-1,262 ft (376-385 m). Lsd 19.62 ft (5.98 m) above msl. MP top of 3-in (7.6 cm) casing tee, 1.70 ft (0.52 m) above lsd. Highest water level 27.1 ft (8.3 m) above lsd, Jan. 31, 1940; lowest 9.46 ft (2.88 m) below lsd, Oct. 24, 1973. Records available: 1939-50, 1954-73.

Jan. 22, 1969	3.80	Apr. 22, 1970	5.76	Oct. 22, 1971	7.05	Nov. 29, 1972	7.99
May 15	4.89	July 22	5.97	Jan. 13, 1972	6.56	Feb. 1, 1973	8.63
June 3	5.20	Oct. 21	5.45	Apr. 14	6.74	Apr. 24	7.93
Aug. 20	4.20	Jan. 6, 1971	5.88	July 11	7.34	July 26	9.25
Oct. 8	4.89	Apr. 28	6.12	Oct. 20	7.54	Oct. 24	9.46
Jan. 7, 1970	5.50	Aug. 12	6.62				

302127089051901. 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 (10 cm), reported depth 800 ft (244 m), cased to 760 ft (232 m) above lsd. Highest water level 38.0 ft (11.6 m) above lsd, Mar. 16, 1939; lowest 4.8 ft (1.5 m) below lsd, July 26, 1973. Records available: 1939, 1956-73.

May 15, 1969	+9.0	Apr. 22, 1970	+9.0	Oct. 22, 1971	+5.0	Nov. 29, 1972	-2.0
June 3	5.0	July 22	3.0	Jan. 13, 1972	7.0	Feb. 1, 1973	+0.6
Aug. 20	4.5	Oct. 21	12.0	Apr. 14	+8.6	Apr. 24	+3.5
Oct. 8	4.5	Jan. 5, 1971	13.0	July 11	-6	July 26	-4.8
Jan. 7, 1970	6.0	Apr. 28	8.0	Oct. 20	3.2	Oct. 24	2.1

302355088540301. Local number M120. City of Biloxi. 1332 Howard Ave. Drilled unused artesian well in Graham Ferry Formation of Pliocene age, diam 8 in (20 cm), reported depth 928 ft (283 m), sounded to 660 ft (201 m), casing information not available. Lsd 21.28 ft (6.49 m) above msl. MP top of 8-in (20 cm) flange, 3.00 ft (0.91 m) above lsd. Highest water level 44.0 ft (13.4 m) above lsd, 1903; lowest 50.3 ft (15.3 m) below lsd, June 30, 1972. Records available: 1903, 1945-46, 1954-73. Water levels affected by nearby pumping.

## Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	e37.7	e44.6	....	41.5	....	38.6	....
10	....	....	....	....	....	e38.8	e46.0	....	44.0	40.2	38.3	....
15	....	....	....	....	....	34.5	e40.0	....	44.7	39.5	....	....
20	....	....	....	....	....	34.4	e41.1	45.4	....	45.0	39.3	....
25	28.7	....	....	....	....	35.0	e42.3	....	43.7	....	....	....
Eom	....	....	....	....	....	35.6	e43.5	....	39.3	....	38.4	....
1970												
5	....	33.7	31.4	28.5	32.9	....	39.4	39.7	36.2	35.5	....	31.7
10	31.5	33.1	30.1	31.0	34.3	....	41.2	39.4	36.2	35.5	....	32.4
15	32.4	33.1	30.1	31.4	35.6	38.8	39.7	39.8	36.6	35.1	....	31.6
20	32.6	33.7	29.5	30.7	36.1	39.4	39.4	39.1	36.2	33.7	....	31.0
25	32.2	34.4	29.4	31.3	....	40.3	38.2	37.7	36.5	....	....	29.4
Eom	31.7	32.9	28.9	35.0	36.5	39.1	38.5	36.1	35.3	....	....	29.5

302355088540301--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.6	30.0	29.0	....	....	....	....	....	....	....	40.0	....
10	34.0	33.0	28.8	....	38.2	....	....	....	....	....	37.9	....
15	33.0	31.0	28.8	....	36.1	....	....	....	38.3	36.6	....	36.4
20	32.0	30.0	28.0	....	38.3	....	....	40.9	37.3	....	....	37.4
25	32.0	....	28.3	....	....	44.2	....	....	36.4	38.3	36.0	....
Eom	32.0	....	28.6	36.8	38.5	....	....	....	....	39.3	....	31.3
1972												
5	....	32.8	31.4	....	....	44.2	49.2	45.6	....	46.2	43.0	36.6
10	....	32.4	....	32.8	....	46.4	46.8	47.7	....	45.8	42.6	36.3
15	32.6	32.6	....	34.8	....	46.9	46.5	48.1	....	46.9	41.2	35.9
20	33.3	32.3	....	35.7	39.9	47.3	47.7	49.8	....	48.0	39.7	35.0
25	....	32.1	....	....	40.4	48.9	46.1	49.0	....	45.3	38.0	33.7
Eom	32.6	31.9	....	....	42.8	50.3	44.7	46.8	....	43.2	38.6	32.1
1973												
5	....	34.6	....	....	....	....	....	46.5	44.5	44.4	43.2	38.8
10	....	35.0	34.5	....	....	....	....	47.4	44.4	43.4	41.8	....
15	34.4	34.9	33.4	....	....	47.1	....	45.9	45.1	43.7	42.1	....
20	34.9	34.1	33.4	....	....	46.4	....	45.5	45.6	44.5	40.6	....
25	34.5	34.0	33.3	33.7	....	45.6	....	46.2	45.3	44.8	39.6	....
Eom	34.5	....	....	....	....	48.9	48.1	46.8	44.3	44.0	39.9	....

e Estimated.

Hinds County

321945090152201. Local number G125. Country Club of Jackson. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 6 in (15 cm), depth 852 ft (260 m), cased to 802 ft (244 m). Lsd 372 ft (113 m) above msl. MP top of 4-in (10 cm) coupling, 0.50 ft (0.15 m) above lsd. Highest water level 160.0 ft (48.8 m) below lsd, 1928; lowest 280.52 ft (85.50 m) below lsd, Sept. 25, 1972. Records available: 1928, 1944-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1969	260.80	May 26, 1970	268.23	Aug. 24, 1971	276.29	Nov. 27, 1972	278.00
22	261.07	June 28	270.90	Sept. 22	276.29	Dec. 19	278.49
Feb. 25	261.81	July 14	273.53	Oct. 15	275.89	Jan. 24, 1973	279.14
Mar. 24	260.37	Aug. 21	272.40	Nov. 26	274.35	Feb. 23	277.22
Apr. 22	260.01	Sept. 22	270.92	Dec. 21	274.50	Mar. 27	277.53
May 27	261.00	Oct. 15	269.80	Jan. 13, 1972	273.06	Apr. 12	277.00
June 23	265.08	Nov. 18	268.95	Feb. 23	273.76	May 23	275.28
July 15	269.94	Dec. 22	270.08	Mar. 22	275.45	June 14	275.89
Aug. 28	270.26	Jan. 21, 1971	271.10	May 25	275.86	July 23	277.52
Sept. 24	267.20	Feb. 17	272.23	June 26	277.75	Aug. 27	277.54
Oct. 8	267.04	Mar. 18	273.88	July 11	277.50	Sept. 19	276.85
Nov. 25	268.20	Apr. 6	272.85	Aug. 18	278.19	Oct. 9	276.90
Dec. 19	266.77	May 21	274.40	Sept. 25	280.52	Nov. 27	275.95
Jan. 14, 1970	267.50	June 24	275.74	Oct. 17	279.78	Dec. 21	276.35
Apr. 2	266.85	July 23	276.67				

322138090130001. 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 (5.1 cm), depth 1,486 ft (453 m), screened 1,444-1,486 ft (440-453 m). Lsd about 348 ft (106 m) above msl. MP top of casing, 1.40 ft (0.43 m) above lsd. Highest water level 69.63 ft (21.22 m) below lsd, Feb. 13, 1957; lowest 79.73 ft (24.30 m) below lsd, July 31, 1967. Records available: 1956-69. Measurement discontinued. Apr. 22, 1969, 77.80.

322241090073701. Local number H160. Colonial Country Club. Drilled unused artesian well in Sparta Sand of Claiborne Group of middle Eocene age, diam 6 in (15 cm), reported depth 773 ft (236 m), cased to 634 ft (193 m). Lsd about 305 ft (93 m) above msl. MP top of steel casing, at lsd. Highest water level 136.73 ft (41.68 m) below lsd, Mar. 30, 1954; lowest 194.14 ft (59.17 m) below lsd, Oct. 17, 1972. Records available: 1954-73. Water levels affected by nearby pumping.							
Oct. 8, 1969	184.0	May 21, 1971	187.85	Apr. 19, 1972	189.73	Mar. 27, 1973	189.29
Jan. 14, 1970	182.5	June 24	190.05	May 25	191.49	Apr. 12	189.75
Apr. 3	182.40	July 23	191.31	June 26	192.79	May 23	189.55
July 14	188.27	Aug. 24	190.62	July 11	192.70	June 14	190.20
Oct. 15	187.23	Sept. 22	190.74	Aug. 18	192.50	July 23	190.49
Nov. 18	185.88	Oct. 15	191.00	Sept. 25	193.84	Aug. 27	191.72
Dec. 22	186.01	Nov. 26	188.28	Oct. 17	194.14	Sept. 19	190.38
Jan. 21, 1971	185.89	Dec. 21	188.20	Nov. 27	191.75	Oct. 9	190.74
Feb. 17	186.44	Jan. 13, 1972	187.45	Dec. 19	191.03	26	190.86
Mar. 18	186.75	Feb. 23	187.45	Jan. 24, 1973	190.12	Nov. 27	189.56
Apr. 6	187.42	Mar. 22	188.91	Feb. 23	191.34	Dec. 21	189.60

320620090370001. 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 (25 cm), depth 1,310 ft (399 m), screened 1,240-1,310 ft (378-399 m). Lsd about 308 ft (94 m) above msl. MP top of casing, 1.40 ft (0.43 m) above lsd. Highest water level 179.65 ft (54.76 m) below lsd, Feb. 27, 1958; lowest 190.00 ft (57.91 m) below lsd, Oct. 30, 1973. Records available: 1956-73.							
June 18, 1969	187.70	Apr. 2, 1970	188.10	Apr. 13, 1972	189.21	Apr. 13, 1973	189.51
Oct. 8	188.35	Apr. 7, 1971	188.75	Oct. 4	189.73	Oct. 30	190.00
Mar. 16, 1970	188.25	Oct. 14	189.28				

Holmes County

33044809019201. 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 (7.6 to 5.1 cm), depth 1,597 ft (487 m), screened 1,557-1,597 ft (475-487 m). Lsd 111.72 ft (34.05 m) above msl. MP top of 3-in (7.6 cm) tee, at lsd. Highest water level 139.6 ft (42.6 m) above lsd, July 31, 1941; lowest 93.7 ft (28.6 m) above lsd, Nov. 12, 1970, Jan. 12, 1971. Records available: 1939-72. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1969	+103.3	Jan. 21, 1970	+100.7	Nov. 12, 1970	+93.7	July 19, 1971	+98.7
Apr. 10	101.7	Apr. 14	101.2	Jan. 12, 1971	93.7	Oct. 6	97.1
July 23	103.1	July 15	96.7	Apr. 13	94.0	Apr. 4, 1972	98.9
Nov. 13	103.7						

Humphreys County

331151090290201. 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 (10 to 5.1 cm), depth 1,627 ft (496 m), screened 1,587-1,627 ft (484-496 m). Lsd 115.21 ft (35.12 m) above msl. MP top of 4-in (10 cm) tee, 0.50 ft (0.15 m) above lsd. Highest water level 114.3 ft (34.8 m) above lsd, Feb. 1, 1941; lowest 66.4 ft (20.2 m) above lsd, Oct. 10, 1973. Records available: 1939-41, 1944-73.

Apr. 10, 1969	+73.5	Nov. 12, 1970	+70.7	Apr. 4, 1972	+69.8	May 4, 1973	+68.5
Nov. 13	73.3	Apr. 13, 1971	71.5	Oct. 18	66.5	Oct. 10	66.4
Apr. 14, 1970	73.0	Oct. 6	70.7				

Jackson County

302455088493501. Local number N48. Louisville & Nashville RR. Drilled unused artesian well in sand of Graham Ferry Formation of Pliocene age, diam 6 in (15 cm), reported depth 535 ft (163 m), cased to 495 ft (151 m), screened 495-535 ft (151-163 m). Lsd about 23 ft (7 m) above msl. MP hole in northwest side of pump, 0.80 ft (0.24 m) above lsd. Highest water level 30.0 ft (9.1 m) above lsd, 1928; lowest 48.80 ft (14.87 m) below lsd, Apr. 25, 1973. Records available: 1928, 1939, 1958-63, 1965-73. Apr. 10, 1969, 22.37; Nov. 4, 29.23; Apr. 22, 1970, 21.55; Apr. 30, 1971, 38.67; Apr. 21, 1972, 42.29; Nov. 30, 46.84; Apr. 25, 1973, 48.80.

302357088473801. Local number N73. Magnolia State Park. Drilled public-supply artesian well in sand of Graham Ferry Formation of Pliocene age, diam 4 in (10 cm), depth 536 ft (163 m), screened 516-536 ft (157-163 m). Lsd about 22 ft (7 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 12.0 ft (3.7 m) above lsd, Apr. 8, 1938; lowest 37.09 ft (11.31 m) below lsd, Apr. 25, 1973. Records available: 1938, 1956-73. Apr. 10, 1969, -16.40; Oct. 31, -21.08; Apr. 22, 1970, +0.07; Apr. 30, 1971, -27.96; Apr. 21, 1972, -31.75; Apr. 25, 1973, -37.09.

302451088325901. Local number P45. Central Artesian Well Co. Drilled unused artesian well in sand of Pascagoula Formation of late Miocene age, diam 4 in (10 cm), depth 806 ft (246 m), cased to 806 ft (246 m). Lsd about 20 ft (6 m) above msl. MP hole in tee, 0.80 ft (0.24 m) above lsd. Highest water level 28.0 ft (8.5 m) above lsd, Sept. 6, 1919; lowest 44.19 ft (13.47 m) below lsd, Apr. 21, 1972. Records available: 1919, 1958-73. Apr. 8, 1969, 38.41; Apr. 23, 1970, 40.97; Apr. 30, 1971, 42.54; Apr. 21, 1972, 44.19; Apr. 26, 1973, 44.10.

302028088294001. Local number Q106. U.S. Geol. Survey. Drilled unused artesian well in sand of Graham Ferry Formation of Pliocene age, diam 6 in (15 cm), reported depth 348 ft (106 m), cased to 342 ft (104 m), screened 342-348 (104-106 m). Lsd about 4 ft (1 m) above msl. MP top of recorder house floor, 5.00 ft (1.52 m) above lsd (since July 31, 1970). Highest water level 41.38 ft (12.61 m) below lsd, Nov. 7, 1959; lowest 106.02 ft (32.31 m) below lsd, Jan. 31, 1973. Records available: 1959-73. Water levels affected by nearby pumping. Recording gage removed Oct. 21, 1971.

Jan. 22, 1969	85.40	Aug. 12, 1970	101.00	Aug. 11, 1971	100.95	Sept. 14, 1972	98.19
May 16	91.20	Sept. 9	103.90	Oct. 21	92.81	Oct. 20	103.17
July 10	95.20	Oct. 22	103.00	Jan. 13, 1972	95.13	Jan. 31, 1973	106.02
June 10, 1970	106.00	Jan. 6, 1971	91.50	Apr. 21	96.80	Apr. 26	95.01
July 22	103.10	Apr. 30	97.30	July 12	97.32	July 26	100.00

302132088293801. 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 (15 to 10 cm), depth 202 ft (62 m), cased to 192 ft (59 m), screened 192-202 ft (59-62 m). Lsd about 3.4 ft (1.0 m) above msl. MP top of steel casing, 2.00 ft (0.61 m) above lsd. Highest water level 6.29 ft (1.92 m) below lsd, May 6, 1960; lowest 14.05 ft (4.28 m) below lsd, Aug. 11, 1971. Records available: 1960-73.

Apr. 10, 1969	10.74	July 22, 1970	13.85	Apr. 30, 1971	13.39	Jan. 13, 1972	13.64
Oct. 9	10.50	Oct. 22	13.97	Aug. 11	14.05	Apr. 21	12.66
Jan. 7, 1970	13.41	Jan. 6, 1971	13.65	Oct. 21	13.39	Apr. 26, 1973	12.40
Apr. 23	13.19						

Jefferson County

314240091034001. Local number H3. Town of Fayette. Drilled unused artesian well in sand of Miocene age, diam 8 in (20 cm), reported depth 272 ft (83 m), cased to 232 ft (71 m), screened 232-272 ft (71-83 m). Lsd about 270 ft (82 m) above msl. MP top of steel casing, 1.10 ft (0.34 m) above lsd. Highest water level 117.60 ft (35.84 m) below lsd, Sept. 9, 1962; lowest 137.45 ft (41.89 m) below lsd, July 12, 1965. Records available: 1961-73. Water levels affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1969	127.06	Mar. 16, 1970	128.84	Apr. 7, 1971	129.25	Jan. 14, 1972	131.45
June 18	128.70	July 6	128.09	July 20	129.02	Apr. 13	135.28
Oct. 7	128.13	Oct. 26	127.88	Oct. 14	131.55	Apr. 13, 1973	131.82
Jan. 15, 1970	128.41	Jan. 11, 1971	127.96				

Leake County

324420089295001. Local number L1. Carthage & Canton RR. Drilled unused artesian well in sand of Wilcox Formation of early Eocene age, diam 4 to 2 in (10 to 5.1 cm), reported depth 700 ft (213 m), cased to 680 ft (207 m), screened 680-700 ft (207-213 m). Lsd about 350 ft (107 m) above msl. MP top of 4-in (10 cm) casing, 2.50 ft (0.76 m) above lsd. Highest water level 20.81 ft (6.34 m) below lsd, May 1, 1958; lowest 29.83 ft (9.09 m) below lsd, Nov. 5, 1968. Records available: 1957-63, 1965, 1968-73. June 26, 1969, 23.53; Apr. 6, 1970, 26.10; Apr. 19, 1971, 25.97; Apr. 11, 1972, 26.84; Apr. 23, 1973, 28.34.

Lee County

341351088421001. 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 (38 cm), depth 412 ft (126 m), cased to 342 ft (104 m). Lsd 262.3 ft (79.9 m) above msl. MP top of air-line hole on east side, 1.00 ft (0.30 m) above lsd. Highest water level 47.11 ft (14.36 m) below lsd, Apr. 15, 1948; lowest 133.00 ft (40.54 m) below lsd, Oct. 19, 1962. Records available: 1948, 1950-69. Measurement discontinued. Water levels affected by pumping. June 5, 1969, 208.95 (well pumped recently); Dec. 22, 187.00 (well pumped recently).

340525088371701. 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 (20 cm), depth 612 ft (187 m), cased to 587 ft (179 m). Lsd about 260 ft (79 m) above msl. MP hole in well base, 0.70 ft (0.21 m) above lsd. Highest water level 22.40 ft (6.83 m) below lsd, July 15, 1940; lowest 48.00 ft (14.63 m) below lsd, Mar. 28, 1973. Records available: 1940, 1962-73. June 12, 1969, 43.00; Apr. 7, 1970, 44.72; Apr. 20, 1971, 45.84; Apr. 12, 1972, 47.17; Mar. 28, 1973, 48.00.

Leflore County

333151090085601. Local number L136. A. P. Haynes. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 in (10 cm), depth 800 ft (244 m), screened 760-800 ft (232-244 m). Lsd 131.30 ft (40.02 m) above msl. MP top of 4-in (10 cm) ell, 0.50 ft (0.15 m) above lsd. Highest water level 38.7 ft (11.8 m) above lsd, July 4, 1942; lowest 2.10 ft (0.6 m) above lsd, Oct. 25, 1967. Records available: 1938-69. Measurement discontinued. June 10, 1969, +3.00.

333100090105801. Local number L152. City of Greenwood. Drilled unused artesian well in sand of Tallahatta Formation of middle Eocene age, diam 6 in (15 cm), depth 660 ft (201 m), reported screened 620-640 ft (189-195 m). Lsd 133.98 ft (40.84 m) above msl. MP top of 4-in (1.3 cm) bushing in top of well, 2.80 ft (0.85 m) above lsd. Highest water level 19.9 ft (6.1 m) above lsd, Aug. 5, 1944; lowest 19.3 ft (5.9 m) below lsd, June 27, 1948. Records available: 1938, 1940-50, 1954-73. Water levels affected by nearby pumping.

June 10, 1969	4.20	Nov. 3, 1970	5.20	Apr. 5, 1972	5.52	Apr. 12, 1973	4.67
Apr. 14, 1970	4.38	Apr. 13, 1971	4.40	Oct. 12	8.05	Sept. 25	7.10

Lowndes County

332343088262001. 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 (10 cm), depth 500 ft (152 m), cased to 400 ft (122 m). Lsd about 160 ft (49 m) above msl. MP top of steel casing, 2.70 ft (0.82 m) above lsd. Highest water level 16.5 ft (5.0 m) above lsd, June 10, 1940; lowest 12.45 ft (3.79 m) below lsd, Apr. 27, 1973. Records available: 1940, 1960-66, 1968-73. May 28, 1969, 5.90; Apr. 6, 1970, 5.90; Apr. 19, 1971, 12.41; Apr. 11, 1972, 8.02; Apr. 27, 1973, 12.45.

332517088235601. Local number L22. Hooker Chemical Co. Drilled unused artesian well in sand of Coker Formation of Tuscaloosa Group of Late Cretaceous age, diam 4 in (10 cm), depth 1,180 ft (360 m), casing information not available. Lsd about 175 ft (53 m) above msl. MP top of 4-in (10 cm) elbow at well head, 2.60 ft (0.79 m) above lsd. Highest water level 44.9 ft (13.7 m) above lsd, Apr. 12, 1961; lowest 14.40 ft (4.39 m) below lsd, Apr. 27, 1973. Records available: 1960-65, 1967-73. Oct. 23, 1969, 7.11; Apr. 6, 1970, 10.70; Apr. 19, 1971, 6.34; Apr. 11, 1972, 12.53; Apr. 27, 1973, 14.40.

Monroe County

335930088300001. 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 (20 cm), reported depth 240 ft (73 m), cased to 240 ft (73 m). Lsd about 240 ft (73 m) above msl. MP top of recorder-house floor, 2.10 ft (0.64 m) above lsd. Highest water level 1.05 ft (0.32 m) above lsd, Mar. 23, 24, 1955; lowest 33.0 ft (10.1 m) below lsd, May 5, 1968. Records available: 1954-69. Measurement discontinued. Water levels affected by nearby pumping.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	....	....	....	....
10	....	20.5	....	....	....	....	....	....	....	....	....	....
15	....	26.0	....	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	....	....	....	....
Eom	....	....	....	....	....	....	....	....	....	....	....	....

Montgomery County

332910089432001. Local number F2. Town of Winona. Drilled unused artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 10 in (25 cm), depth 308 ft (94 m), screened 248-308 ft (76-94 m). Lsd 373.14 ft (113.73 m) above msl. MP top of steel base, 1.70 ft (0.52 m) above lsd. Highest water level 94.7 ft (28.9 m) below lsd, Apr. 19, 1959; lowest 111.6 ft (34.0 m) below lsd, Oct. 25, 1967. Records available: 1939, 1958-72. Measurement discontinued. Water levels affected by nearby pumping.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	103.9	106.3	106.7	....	106.2	106.4	....	106.5	106.0
10	....	....	....	104.5	106.3	106.8	....	107.6	....	....	106.3	....
15	....	....	....	104.4	106.3	106.2	....	....	....	....	106.2	105.1
20	....	....	104.4	104.8	106.3	106.7	107.0	107.5	....	....	106.6	....
25	....	....	104.4	106.2	106.3	107.0	107.6	106.7	....	....	105.9	104.8
Eom	....	....	106.3	106.3	106.8	107.8	106.9	107.7	....	....	106.4	104.9

1970

5	105.0	106.8	105.6	....	105.0	106.6	....	....	....	106.8	106.2	106.0
10	106.9	105.3	105.9	106.1	105.5	105.9	....	107.8	....	106.0	105.2	105.6
15	....	106.0	....	105.7	106.8	106.9	....	....	....	106.7	105.4	105.4
20	105.5	106.2	....	104.8	....	....	....	....	....	105.7	105.9	105.4
25	106.2	105.8	....	104.7	106.8	107.6	107.0	....	....	105.8	106.0	105.0
Eom	106.7	106.0	105.7	106.0	106.7	107.3	....	....	106.9	106.2	105.4	105.9

1971

5	104.4	105.6	....	....	106.5	107.4	107.4	....	107.4	106.8	105.5	105.0
10	106.0	106.3	....	....	106.0	107.2	....	107.6	107.5	105.6	106.0	....
15	105.6	105.8	....	....	106.1	105.4	....	107.0	106.7	106.7	105.6	....
20	106.1	105.4	....	....	106.0	107.4	107.0	....	....	106.6	106.5	105.6
25	105.8	105.8	....	105.1	105.6	107.0	....	106.8	107.1	106.2	106.3	....
Eom	105.6	104.8	....	106.2	106.0	....	107.0	107.4	107.2	104.8	105.6	....

1972

5	....	105.3	104.9	104.9	105.3	107.6	....	....	....	....	....	....
10	....	105.5	....	104.8	105.4	107.8	....	....	....	....	....	....
15	105.6	105.7	....	105.3	105.0	106.9	....	....	....	....	....	....
20	105.4	105.0	....	105.7	105.6	107.2	....	....	....	....	....	....
25	105.2	....	104.7	105.4	106.8	106.2	....	....	....	....	....	....
Eom	106.0	104.5	104.9	104.6	107.0	....	....	....	....	....	....	....

Noxubee County

330650088341001. 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 (25 cm), depth 1,807 ft (551 m), cased to 1,767 ft (539 m). Lsd about 185 ft (56 m) above msl. MP top of 4-in (.64 cm) gage valve on discharge pipe, 3.00 ft (0.91 m) above lsd. Highest water level 33.2 ft (10.1 m) above lsd, Feb. 3, 1955; lowest 8.1 ft (2.5 m) above lsd, Apr. 27, 1973. Records available: 1955-56, 1958-63, 1965-73. June 11, 1969, +18.0; Apr. 6, 1970, +19.0; Apr. 19, 1971, +18.8; Apr. 11, 1972, +11.2; Apr. 27, 1973, +8.1.

Oktibbeha County

332710088471701. Local number G102. Mississippi State University. Drilled unused artesian well in sand of Eutaw Formation of Late Cretaceous age, diam 6 in (15 cm), depth 1,008 ft (307 m), cased to 968 ft (295 m). Lsd 380.95 ft (116.11 m) above msl. MP top of casing, 2.33 ft (0.71 m) above lsd. Highest water level 176.14 ft (53.69 m) below lsd, Apr. 3, 1941; lowest 205.27 ft (62.57 m) below lsd, Apr. 24, 1973. Records available: 1940-48, 1954-73. June 11, 1969, 199.07; Apr. 6, 1970, 199.87; Apr. 19, 1971, 200.89; Apr. 11, 1972, 202.67; Apr. 24, 1973, 205.27.

Rankin County

321846089475101. Local number J110. Town of Pelahatchie. Drilled unused artesian well in sand of Cockfield Formation of Claiborne Group of middle Eocene age, diam 8 in (20 cm), depth 563 ft (172 m), screened 503-563 ft (153-172 m). Lsd about 365 ft (111 m) above msl. MP bottom of recorder house, 1.60 ft (0.49 m) above lsd. Highest water level 101.62 ft (30.97 m) below lsd, Apr. 9, 1956; lowest 131.96 ft (40.22 m) below lsd, Jan. 22, 1970. Records available: 1955-73. Water levels affected by nearby pumping. Recording gage removed July 22, 1969.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	108.2	107.8	107.6	107.7	108.8	109.0	109.5	.....	.....	.....	.....	.....
10	108.2	.....	107.7	107.7	108.7	109.0	109.6	.....	.....	.....	.....	.....
15	108.2	.....	107.7	107.6	108.8	109.1	109.6	.....	.....	109.1	.....	.....
20	108.2	.....	107.7	107.7	108.7	109.2	109.7	.....	.....	.....	.....	.....
25	108.2	107.7	107.7	108.7	108.9	109.4	.....	.....	.....	.....	.....	.....
Eom	108.2	107.7	107.8	108.7	108.9	109.5	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1970	121.7	Apr. 28, 1971	110.37	Feb. 7, 1972	108.38	Jan. 30, 1973	113.47
Jan. 22	131.96	July 5	127.90	Apr. 18	111.07	Apr. 19	115.14
Apr. 23	109.40	Oct. 20	109.85	Oct. 17	110.02	Oct. 24	110.02
Jan. 14, 1971	125.25						

Scott County

322148089283201. 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 (25 cm), depth 360 ft (110 m), cased to 280 ft (85 m). Lsd about 480 ft (146 m) above msl. MP top of recorder-house floor, 3.00 ft (0.91 m) above lsd. Highest water level 103.7 ft (31.6 m) below lsd, May 6, 1958; lowest 145.4 ft (44.3 m) below lsd, Apr. 28, 1967. Records available: 1957-73. Water levels affected by nearby pumping. Recording gage removed July 5, 1972. Apr. 19, 1973, 123.65.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	130.2	133.4	132.2	132.0	128.8	133.2	e131.6	131.3	132.2	.....	134.4	133.0
10	134.1	130.7	.....	132.3	131.0	133.5	134.8	135.8	136.0	.....	130.4	.....
15	134.8	130.3	.....	130.5	133.4	e131.8	133.0	134.4	131.7	.....	131.0	.....
20	131.2	134.8	131.1	130.8	132.0	134.6	131.0	133.8	.....	.....	135.1	.....
25	133.6	132.2	127.6	132.4	131.0	134.6	126.8	133.0	.....	.....	131.0	.....
Eom	133.4	131.2	128.7	131.8	e131.4	e131.8	132.4	129.6	.....	134.6	133.4	.....

1970

5	.....	130.4	.....	128.8	126.1	.....	.....	131.0	126.4	124.0	125.3	122.4
10	.....	129.6	.....	128.6	129.6	.....	.....	.....	123.3	126.6	122.2	121.4
15	.....	130.6	.....	130.0	131.8	.....	.....	131.1	125.1	123.4	122.2	119.2
20	.....	130.4	130.0	127.4	131.0	.....	.....	130.0	123.8	125.5	126.2	119.9
25	130.4	129.4	128.0	130.4	130.8	.....	.....	126.9	124.1	126.4	123.6	121.2
Eom	131.1	129.6	128.8	131.0	.....	.....	.....	.....	123.2	123.7	121.9	117.3

1971

5	.....	121.2	.....	119.4	119.4	115.4	120.7	.....	119.2	.....	119.4	.....
10	.....	121.2	.....	.....	.....	118.5	121.9	.....	119.9	.....	120.0	118.4
15	.....	120.8	.....	120.1	.....	.....	121.8	.....	120.7	.....	119.3	118.2
20	.....	120.2	121.0	119.5	.....	118.8	121.4	.....	122.2	.....	120.0	115.2
25	.....	120.0	117.4	117.4	.....	115.2	122.1	.....	120.4	120.4	.....	.....
Eom	.....	118.6	118.8	.....	114.9	122.2	.....	.....	120.4	121.3	119.7	117.1

1972

5	116.5	115.1	117.7	.....	119.4	119.5	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	117.2	121.5	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	118.5	.....	.....	.....	.....	.....	.....	.....
20	119.5	.....	.....	120.3	120.9	.....	.....	.....	.....	.....	.....	.....
25	119.6	.....	.....	116.8	121.9	.....	.....	.....	.....	.....	.....	.....
Eom	.....	117.6	.....	118.7	120.9	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Sharkey County

324832090553701. Local number G143. Town of Cary. Drilled unused artesian well in Sparta Sand of middle Eocene age, diam 2 1/2 in (6.4 cm), depth 747 ft (228 m), cased to 707 ft (215 m). Lsd about 100 ft (30 m) above msl. MP top of 2 1/2-in (6.4 cm) tee, 3.00 ft (0.91 m) below lsd. Highest water level 21.6 ft (6.6 m) above lsd, Feb. 10, 1939; lowest 19.32 ft (5.89 m) below lsd, July 23, 1969. Records available: 1939-40, 1955-72. Measurement discontinued. July 23, 1969, 19.32; Nov. 13, 14.47; Apr. 14, 1970, 13.14; Nov. 12, 14.73; Feb. 25, 1971, 14.42; Oct. 6, 19.05; Apr. 4, 1972, 15.00.

Tishomingo County

344834088111601. Local number F1. H. M. Biggs. Drilled unused artesian well in sand and gravel of Tuscaloosa Group of Late Cretaceous age, diam 8 in (20 cm), depth 135 ft (41 m), cased to 105 ft (32 m). Lsd about 545 ft (166 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 32.2 ft (9.8 m) below lsd, Mar. 28, 1973; lowest 65.1 ft (19.8 m) below lsd, Jan. 18, 1967. Records available: 1956, 1958-73. Water levels affected by nearby pumping. June 5, 1969, 36.9; Apr. 7, 1970, 35.1; Apr. 20, 1971, 34.8; Apr. 12, 1972, 34.4; Mar. 28, 1973, 32.2.

Tunica County

3117090253001. Local number J101. L. D. Powell. Drilled domestic artesian well in sand of Wilcox Formation of early Eocene age, diam 3 to 2 in (7.6 to 5.1 cm), depth 1,796 ft (547 m), screened 1,766-1,796 ft (538-547 m). Lsd 176 ft (54 m) above msl. MP top of 3-in (7.6 cm) coupling, at lsd. Highest water level 30.3 ft (9.2 m) above lsd, July 7, 1954; lowest 11.0 ft (3.4 m) above lsd, Apr. 5, 1972. Records available: 1954-67, 1969-73. June 6, 1969, +15.0; Apr. 15, 1970, +14.2; Apr. 14, 1971, +14.0; Apr. 5, 1972, +11.0; Apr. 11, 1973, +12.0.

Washington County

331808090532901. Local number H101. J. A. Aldridge. Drilled domestic artesian well in Meridian Sand Member of Tallahatta Formation of middle Eocene age, diam 4 in (10 cm), depth 1,903 ft (580 m), cased to 1,895 ft (578 m). Lsd about 120 ft (37 m) above msl. MP top of 4-in (10 cm) tee, 0.80 ft (0.24 m) above lsd. Highest water level 53.5 ft (16.3 m) above lsd, Dec. 20, 1954; lowest 34.6 ft (10.5 m) above lsd, Apr. 14, 1970. Records available: 1954-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 10, 1969	+40.1	Nov. 12, 1970	+38.8	Apr. 4, 1972	+38.6	May 4, 1973	+37.0
Nov. 13	35.6	Apr. 13, 1971	38.8	Oct. 18	36.4	Oct. 10	35.8
Apr. 14, 1970	34.6	Oct. 6	36.8				

330227090592001. Local number S4. Agricultural Chemical Corp. Drilled unused water-table well in alluvium of Pleistocene age, diam 12 in (30 cm), depth 105 ft (32 m), screened 80-105 ft (24-32 m). Lsd 111.24 ft (33.91 m) above msl. MP top of recorder-house floor, 1.95 ft (0.59 m) above lsd. Highest water level 5.8 ft (1.8 m) below lsd, May 13, 1958; lowest 19.45 ft (5.93 m) below lsd, Aug. 21, 1954. Records available: 1954-73.

## Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	10.0	....	....	16.6	....	....	....	15.0
10	....	....	....	....	10.3	....	....	....	....	....	....	14.0
15	....	....	....	....	10.5	....	....	....	....	....	....	14.2
20	....	....	....	....	14.0	....	....	....	....	....	....	14.2
25	....	....	....	....	....	....	14.3	....	....	....	....	14.2
Eom	....	....	....	....	....	....	12.9	....	....	....	....	13.8
1970												
5	13.1	12.7	12.2	11.3	10.2	11.5	14.6	14.3	15.2	14.1	13.5	13.3
10	13.1	12.8	12.2	11.5	10.3	11.8	13.6	14.8	15.6	14.2	13.7	13.8
15	12.9	13.0	12.1	11.9	10.7	12.0	12.8	12.8	13.7	13.4	12.8	13.9
20	13.2	13.0	12.1	10.9	11.6	12.5	12.4	13.5	13.7	13.2	12.6	12.8
25	13.4	12.8	11.2	10.9	11.9	13.7	12.5	15.2	13.9	12.9	12.9	11.9
Eom	12.9	12.5	11.4	10.3	11.8	15.1	12.1	13.5	13.9	13.0	13.1	11.8
1971												
5	11.4	11.4	10.0	10.0	10.2	12.1	14.9	11.1	....	....	14.2	13.7
10	12.3	11.5	10.1	10.5	10.5	13.7	15.2	12.8	....	13.7	14.1	12.8
15	11.4	11.6	9.8	10.8	9.4	13.0	17.0	15.2	....	13.7	14.1	12.4
20	11.6	11.3	10.0	11.0	11.1	12.0	13.7	12.1	....	13.8	14.2	11.4
25	11.2	10.2	10.0	11.1	10.0	15.2	15.7	16.3	....	13.9	14.5	12.2
Eom	11.2	10.0	10.0	10.9	12.6	14.6	11.0	13.2	....	14.1	14.4	11.7
1972												
5	9.9	10.0	9.9	10.0	9.8	11.7	12.0	15.3	15.4	13.8	13.5	11.2
10	9.4	10.2	9.5	10.2	9.8	14.5	11.3	13.7	13.8	13.9	12.9	10.9
15	9.7	10.3	9.7	10.5	9.7	12.1	12.3	14.5	14.6	13.9	12.3	11.4
20	9.7	10.5	9.8	10.6	12.5	11.4	13.1	14.7	13.7	14.0	12.0	9.3
25	10.1	10.5	10.1	10.8	12.0	11.7	14.9	14.9	13.7	13.9	11.6	9.4
Eom	9.8	10.8	9.8	10.9	11.9	11.6	15.7	13.8	13.6	13.7	12.1	9.5
1973												
5	9.2	....	....	....	6.9	8.2	....	....	....	....	11.6	....
10	8.7	....	....	....	6.8	11.5	....	....	....	12.3	10.7	....
15	8.8	....	....	....	7.1	12.1	....	....	....	12.3	10.5	....
20	8.6	....	....	....	9.0	....	....	....	....	11.1	10.7	....
25	....	....	....	....	9.4	....	15.5	....	....	11.2	10.9	....
Eom	....	....	....	....	8.2	....	....	....	....	11.6	....	....



Wilkinson County

310413091042101. Local number T101. J. P. Kennedy. Old Camp Van Dorn. Drilled unused artesian well in sand of Pascagoula Formation of late Miocene age, diam 16 in (41 cm), depth 222 ft (68 m), screened 162-222 ft (49-68 m). Lsd 353.5 ft (107.7 m) above msl. NP top of hole in cover plate, 1.20 ft (0.37 m) above lsd. Highest water level 43.0 ft (13.1 m) below lsd, May 5, 1942; lowest 52.22 ft (15.92 m) below lsd, Dec. 10, 1954. Records available: 1942, 1954-63, 1968, 1970-73. (1968 record not previously published.) No measurement made in 1969. Mar. 19, 1968, 50.12; Mar. 19, 1970, 51.19; Mar. 25, 51.17; Apr. 7, 1971, 50.40; Apr. 13, 1972, 49.75; Apr. 13, 1973, 49.48.

310413991042102. Loc. number T102. J. P. Kennedy. Old Camp area Dorn. Drilled unused artesian well in middle sand of Pascagoula Formation of late Miocene age, diam 12 in (30 cm), depth 417 ft (127 m), screened 355-415 ft (108-126 m). Lsd 356.4 ft (108.6 m) above ms1. MP top of hole in cover plate, 1.88 ft (0.45 m) above lsd. Highest water level 128.4 ft (39.1 m) below lsd, May 5, 1942; lowest 162.94 ft (49.66 m) below lsd, Apr. 13, 1973. Records available: 1942, 1954-63, 1968, 1970-73. (1968 record not previously published.) No measurement made in 1969. Mar. 19, 1968, 155.03; Mar. 19, 1970, 162.38; Mar. 25, 161.71; Apr. 7, 1971, 161.65; Apr. 13, 1972, 162.72; Apr. 13, 1973, 162.94.

310413991042103. Local number T103. J. P. Kennedy. Old Camp Van Dorn. Drilled unconsolidated artesian well in upper part of Cathowah Sandstone of Miocene age, diam 12 in (30 cm), depth 1,699 ft (518 m) screened 1,625-1,685 ft (495-514 m). Lsd 356.4 ft (108.6 m) above msl. MP top of hole in cover plate, 1.40 ft (0.43 m) above lsd. Highest water level 238.1 ft (72.6 m) below lsd, May 13, 1942; lowest 268.33 ft (81.79 m) below lsd, Apr. 13, 1973. Records available: 1942, 1954-63, 1968, 1970-73. (1968 record not previously published.) No measurement made in 1969. Mar. 19, 1968, 267.39; Apr. 19, 1970, 265.94; Mar. 25, 265.92; Apr. 7, 1971, 266.00; Apr. 13, 1972, 267.20; Apr. 13, 1973, 268.33.

Yazoo County

325905090192202. Local number B102. Town of Eden. Drilled unused artesian well in Sparta Sand of middle Eocene age, diam 3 in (7.6 cm), depth 800 ft (244 m), cased to 770 ft (235 m). Lsd 112.3 ft (34.2 m) above ms1. BP bottom edge of hole in north side of casing, 5.30 ft (1.62 m) above lsd. Highest water level 39.7 ft (12.1 m) above lsd, 1919; lowest 12.15 ft (3.70 m) below lsd, Jan. 25, 1966. Records available: 1919, 1939, 1943-73.

1960. Records available 1949, 1959, 1960-70.		1960. Records available 1949, 1959, 1960-70.		1960. Records available 1949, 1959, 1960-70.		1960. Records available 1949, 1959, 1960-70.	
Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 16, 1969	2.94	Apr. 14, 1970	2.65	July 11, 1971	5.49	Oct. 18, 1972	7.77
Apr. 10	5.60	July 15	4.25	Oct. 6	6.98	Jan. 17, 1973	7.65
July 23	3.88	Nov. 12	4.03	Aug. 18, 1972	6.44	May 4	7.15
Nov. 13	3.23	Jan. 12, 1971	5.05	Apr. 4	6.66	July 24	8.48
Jan. 21, 1970	2.55	Apr. 13	5.57	Apr. 10	8.00	Oct. 10	9.34

325905090192201. Local number B103. Town of Eden. Drilled public-supply artesian well in  
Meridian Sand. Member of Allahatha Formation of middle Eocene age, diam 4" to 2 1/2 in (10 to 6.4 cm),  
depth 14.5 ft (4.4 m) screened 1,659-1,669, 1,689-1,699, 1,705-1,715 ft (506-509, 515-518,  
520-525 m). Above 112 ft (34 m) above msd. MP top of 4-in (10 cm) cap, 0.50 ft (0.15 m) above  
lsd. Highest water level 143.2 ft (43.6 m) above lsd, January 1954; lowest 102.5 ft (31.2 m) above  
lsd, Jan. 17, 1973. Records available: 1954-73.

Jan. 16, 1969		Apr. 14, 1970		July 11, 1971		Oct. 18, 1972	
106.0	+104.1	107.5	+109.5	106.6	+107.5	106.6	+103.5
106.0	106.0	107.5	107.5	106.6	106.6	106.6	102.5
105.3	105.3	106.5	106.5	106.5	106.5	106.5	102.7
114.1	114.1	107.5	107.5	107.0	107.0	107.0	102.7
106.1	106.1	108.0	108.0	106.8	106.8	106.8	102.5

j Leaking.

325016090251601. Local number G126. Yazoo City. Drilled unused artesian well in Sparta Sand of middle Eocene age, diam 6 in (15 cm), depth 801 ft (244 m), cased to 761 ft (232 m). Lsd about 96 ft (29 m) above msl. MP top of recorder-house floor, 4.00 ft (1.22 m) above lsd. Highest water level 31.1 ft (9.5 m) above lsd, Jan. 17, 1939; lowest 25.9 ft (7.9 m) below lsd, Aug. 19, 1973. Records available: 1939, 1955-73. Water levels affected by nearby pumping.

Highest water level for the day, from recorder graph, 1969

[illegible]

325016090251601--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	15.8	15.0	14.4	16.1	16.9	16.4	....	....	16.7	16.5	16.2
10	....	15.9	....	15.2	15.8	17.7	....	....	19.2	16.9	16.5	16.9
15	16.0	15.4	15.1	15.1	15.6	17.3	....	....	....	16.5	16.7	17.2
20	15.5	15.4	14.6	15.2	15.7	16.6	....	....	....	16.2	16.7	17.1
25	15.6	15.1	14.4	15.3	16.2	16.5	....	....	....	16.2	16.3	16.9
Eom	15.8	15.2	14.1	15.4	16.8	16.5	....	....	17.7	16.6	16.7	17.2
1973												
5	17.2	17.3	17.4	16.0	15.5	15.8	17.9	19.9	20.5	20.9	20.0	19.8
10	17.0	17.4	17.2	16.1	16.0	16.3	18.0	20.5	20.6	20.8	20.3	19.8
15	17.6	17.0	17.3	15.8	15.9	17.0	18.6	20.2	20.5	20.6	20.3	19.5
20	16.8	17.2	17.3	15.9	16.0	17.4	18.7	20.9	20.8	20.5	20.6	20.1
25	17.0	17.3	....	16.0	15.5	17.1	20.0	20.7	20.6	20.2	20.6	20.2
Eom	17.4	17.4	16.3	15.8	15.6	17.5	20.5	20.2	20.8	19.8	20.0	20.3

324936090423001. Local number J128. Holly Bluff Consolidated School. Drilled school-supply artesian well in Sparta Sand of middle Eocene age, diam 4 in (10 cm), depth 980 ft (299 m), cased to 940 ft (287 m). Lsd about 103 ft (31 m) above msl. MP top of 4-in (10 cm) tee, 3.00 ft (0.91 m) above lsd. Highest water level 38.7 ft (11.8 m) above lsd, Aug. 17, 1939; lowest 8.72 ft (2.66 m) below lsd, Oct. 10, 1973. Records available: 1939, 1954-73. Apr. 10, 1969, 3.50; Apr. 14, 1970, 3.79; Nov. 12, 4.44; Feb. 25, 1971, 4.12; Apr. 4, 1972, 6.36; Oct. 18, 7.85; Oct. 10, 1973, 8.72.

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# NORTH CAROLINA

The observation-well program in North Carolina, begun in 1941, was continued during the period 1969 through 1973 in cooperation with the North Carolina Office 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

Wells are numbered according to their latitude-longitude location, as explained on page 1. The observation wells are also identified by local numbers which are designated by the abbreviation of North Carolina (NC) and by serial numbers given in the order of their addition to the observation well network in the State.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

## Beaufort County

351932076480001. 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 (10 cm), depth 167 ft (51 m), drilled to 186 ft (57 m), cased to 186 ft (57 m). Lsd 10 ft (3 m) above msl. MP top of casing, 0.13 ft (0.04 m) above lsd (since Nov. 5, 1970). Highest water level 1.38 ft (0.42 m) below lsd, Apr. 9, 1965; lowest 61.65 ft (18.79 m) below lsd, Sept. 26, 1968. Records available: 1964-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	52.19	51.52	52.81	53.63	52.94	52.26	52.29	52.66	52.29	52.16
10	.....	.....	51.79	52.30	53.08	53.44	53.47	52.24	51.96	52.62	52.24	51.75
15	.....	.....	51.90	52.68	53.48	52.56	53.64	52.25	51.99	52.83	52.20	51.84
20	.....	.....	51.44	52.57	53.74	52.39	53.54	52.27	.....	53.54	52.30	51.86
25	.....	.....	52.19	52.78	53.72	52.22	53.36	52.28	.....	52.87	52.20	52.33
Eom	.....	52.52	51.62	52.73	53.65	52.55	52.55	52.29	.....	52.47	51.88	52.37
1970												
5	52.48	51.70	.....	50.24	50.76	52.53	52.66	53.77	54.57	52.70	h52.04	51.15
10	52.17	51.04	.....	50.06	51.58	52.91	52.73	53.62	54.03	52.80	51.88	51.10
15	51.80	51.06	.....	49.95	51.82	52.87	h52.60	53.59	53.23	52.50	51.51	51.03
20	51.44	50.95	.....	49.76	51.90	52.67	52.44	53.10	52.95	52.57	51.45	51.36
25	51.70	50.66	.....	49.85	52.11	52.78	52.79	52.62	52.79	52.02	51.25	51.29
Eom	51.72	50.54	.....	50.12	52.65	53.15	53.47	53.23	52.58	52.11	51.20	51.39
1971												
5	51.69	53.31	52.08	51.60	51.98	51.78	52.00	51.55	51.57	.....	.....	50.00
10	.....	52.79	51.38	51.73	51.93	52.06	51.86	51.63	51.09	49.35	50.70	49.64
15	.....	.....	51.30	51.54	52.04	51.95	51.64	51.76	51.13	51.98	50.62	49.31
20	.....	52.21	51.41	51.54	51.99	52.18	51.78	51.88	51.68	51.96	50.79	48.50
25	.....	51.78	51.49	51.90	51.84	52.42	51.97	51.88	51.44	46.89	41.17	46.53
Eom	52.73	52.06	51.53	51.95	51.68	52.37	51.67	51.66	50.11	.....	50.40	45.07
1972												
5	44.97	42.18	.....	48.53	51.05	49.99	49.25	50.09	49.45	49.73	49.61	49.12
10	45.90	42.73	.....	49.27	50.93	49.99	49.50	50.08	49.31	49.77	49.75	49.83
15	44.88	46.31	46.98	49.57	51.74	49.91	48.85	49.53	49.44	49.67	49.61	49.76
20	43.87	.....	46.91	50.30	51.28	49.70	48.79	49.13	49.59	49.73	49.47	50.08
25	42.96	.....	47.97	50.54	50.67	48.43	49.39	49.17	49.67	49.29	49.06	50.03
Eom	42.34	.....	48.02	51.15	50.37	48.86	49.99	49.49	49.56	49.22	48.94	50.16
1973												
5	50.04	.....	50.27	50.12	48.70	.....	50.82	50.63	50.60	50.40	52.47	54.16
10	50.01	.....	50.52	49.75	.....	.....	50.71	50.47	50.59	50.42	52.95	54.03
15	50.05	.....	50.24	49.92	.....	.....	50.68	50.47	50.60	51.32	53.16	54.14
20	49.94	.....	.....	49.72	.....	.....	50.31	50.18	50.50	51.95	53.70	.....
25	49.94	50.46	.....	48.68	.....	50.74	50.98	50.08	50.49	51.96	53.82	53.76
Eom	49.90	50.45	50.00	48.43	.....	50.79	50.71	50.54	50.43	51.87	54.10	53.34

h Tape measurement.

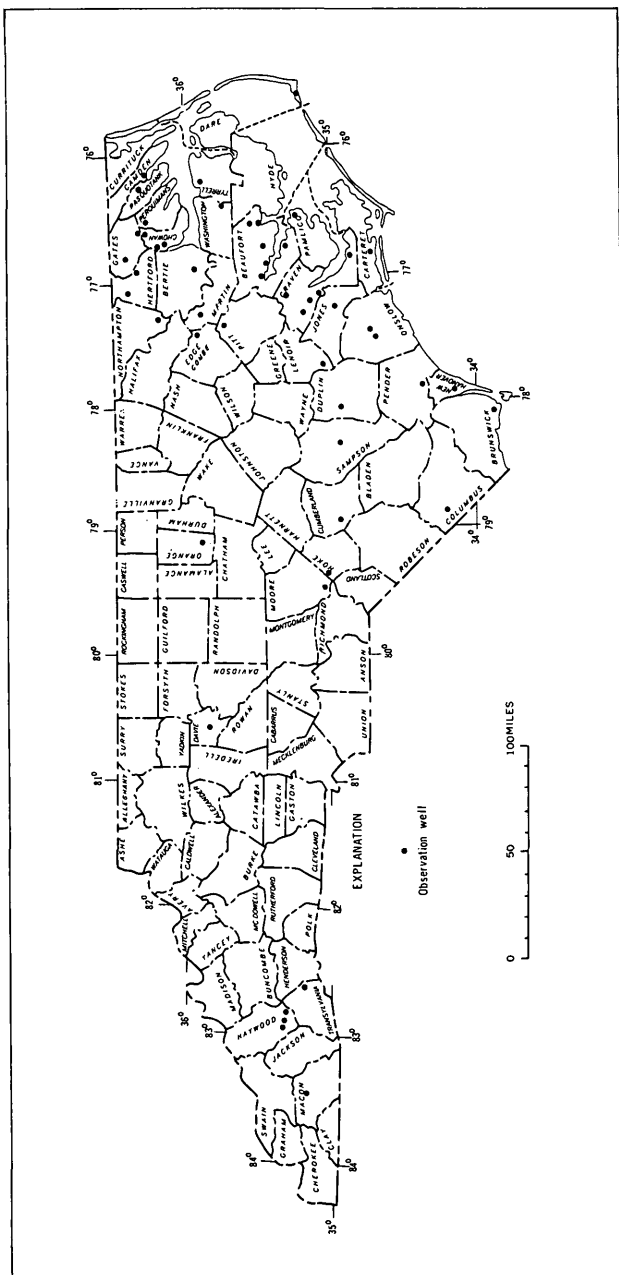


Figure 8.--Location of observation wells in North Carolina, 1969-73.

353314077041001. Local number NC-14. City of Washington. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 8 in (20 cm), depth 158 ft (48 m), gravel-walled to 90 ft (27 m). Lsd 9.42 ft (2.87 m) above msl. MP top of instrument shelf, at 1st (since Dec. 1, 1971). Highest water level 1.02 ft (0.31 m) above 1st, Apr. 10, 1964; lowest 25.37 ft (7.73 m) below 1st, July 22, 1972. Records available: 1948-61, 1963-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	12.04	13.07	14.17	15.24	15.32	9.69	14.87	14.71	10.93	13.79	15.05
10	.....	10.41	11.01	14.48	14.35	15.47	14.97	12.25	14.24	14.95	11.67	14.53
15	.....	11.14	11.44	14.41	13.25	11.75	14.55	14.80	12.60	14.90	13.85	12.84
20	.....	12.75	13.80	11.94	14.88	15.16	12.45	14.27	14.23	13.82	14.87	12.58
25	.....	12.84	13.38	14.43	11.49	14.45	15.58	12.31	14.36	12.04	14.04	8.02
Eom	13.66	13.32	12.10	15.10	15.35	13.37	15.46	11.13	14.67	14.56	8.89	13.95

1970

5	12.37	14.46	14.87	12.45	14.30	15.38	10.31	15.14	14.87	14.22	14.10	13.72
10	13.37	14.12	14.71	15.10	13.22	15.48	14.39	14.17	16.18	12.57	14.87	.....
15	13.33	13.64	12.29	15.01	15.07	13.13	15.06	13.54	14.66	14.81	11.19	.....
20	14.09	14.71	14.92	12.32	15.24	15.18	13.42	14.60	11.30	15.43	13.46	.....
25	13.45	14.18	14.86	14.70	14.24	15.43	14.64	14.69	16.30	12.64	16.06	.....
Eom	14.93	14.90	13.12	14.74	10.98	15.50	14.83	14.22	16.73	13.48	15.07	.....

1971

5	14.63	.....	.....	.....	.....	.....	.....	.....	.....	h20.18	.....	.....
10	15.80	.....	.....	.....	.....	.....	.....	h21.34	.....	.....	h23.67	.....
15	15.69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	h15.04	.....	.....	h18.30	.....	.....	.....	.....	.....	.....

1972

5	h20.57	.....	.....	.....	.....	19.23	23.45	21.97	19.95	23.66	18.16	20.02
10	.....	.....	.....	.....	.....	22.98	22.34	22.44	18.95	22.90	22.96	16.78
15	.....	.....	h20.94	.....	.....	24.88	23.99	23.08	24.90	18.01	22.63	20.51
20	.....	.....	.....	.....	.....	24.14	24.81	18.95	24.55	21.59	19.14	19.77
25	.....	.....	.....	.....	.....	17.28	24.28	24.29	23.10	23.33	16.73	.....
Eom	.....	.....	.....	.....	23.48	24.34	22.71	22.27	24.29	23.99	21.78	.....

1973

5	22.72	21.78	21.31	22.82	.....	.....	21.72	16.85	22.41	22.88	.....	22.46
10	22.46	23.40	22.06	22.37	.....	19.97	22.06	24.14	22.37	23.85	.....	21.42
15	23.25	23.20	22.69	16.50	.....	22.39	16.94	24.22	23.03	.....	22.45	20.83
20	23.47	22.90	22.72	22.92	.....	22.51	21.95	22.70	23.07	.....	21.21	20.65
25	23.35	18.12	13.58	22.19	.....	21.06	21.59	23.71	.....	.....	20.56	.....
Eom	23.52	23.23	22.91	20.76	.....	22.23	23.10	24.33	.....	.....	21.24	.....

h Tape measurement.

353227076374001. Local number NC-15. City of Belhaven. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 4 in (10 cm), depth 246 ft (75 m), drilled to 260 ft (79 m), cased to 260 ft (79 m). Lsd 3.50 ft (1.07 m) above msl. MP top of recorder shelf, 5.00 ft (1.52 m) above 1st (since May 18, 1972). Highest water level 0.25 ft (0.08 m) below 1st, July 24, 1965; lowest 14.87 ft (4.53 m) below 1st, Oct. 4, 1968. Records available: 1965-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.03	13.42	12.59	12.30	12.13	12.30	12.18	12.03	12.19	12.12	12.05	12.33
10	13.87	13.41	12.52	12.30	12.17	12.33	12.10	12.06	12.09	12.15	12.19	11.87
15	13.98	13.20	12.70	12.31	12.29	12.41	12.14	12.09	12.13	12.14	12.38	12.17
20	13.51	12.99	12.42	12.10	12.29	12.28	12.19	12.16	12.00	12.33	12.34	12.18
25	13.53	12.79	12.22	12.11	12.26	12.29	11.99	12.06	11.88	12.50	12.41	12.03
Eom	13.51	12.75	12.53	12.11	12.28	12.33	12.07	12.12	12.06	12.42	12.15	11.99

1970

5	12.18	11.98	11.44	11.32	11.14	11.69	12.14	11.98	12.19	12.70	12.55	12.43
10	12.23	11.57	11.35	11.26	11.37	11.70	12.26	11.86	12.34	12.70	12.48	12.46
15	12.08	11.73	11.50	11.33	11.40	11.91	12.21	12.13	12.69	12.63	12.24	12.41
20	11.84	11.77	11.45	11.09	11.50	11.95	11.99	12.02	12.78	12.76	12.35	12.27
25	11.97	11.55	11.43	11.20	11.47	12.05	11.93	11.98	12.88	12.49	12.60	11.93
Eom	12.02	11.66	11.36	11.23	11.58	12.21	11.94	12.20	12.61	12.47	12.41	11.88

1971

5	11.57	10.82	10.62	10.37	10.23	10.24	10.12	10.08	9.98	9.50	9.55	9.60
10	11.30	10.99	10.54	10.33	10.21	10.20	10.20	10.05	9.77	9.35	9.53	9.49
15	11.13	10.80	10.40	10.23	10.25	10.05	9.99	10.01	9.83	9.61	9.58	9.53
20	11.22	10.72	10.53	10.07	10.16	10.12	10.16	10.06	9.91	9.48	9.28	9.44
25	11.00	10.61	10.53	10.08	10.21	10.11	10.08	10.02	9.93	9.24	9.63	9.51
Eom	10.90	10.56	10.30	10.04	10.10	10.22	10.14	10.02	9.03	9.49	9.47	9.33

1972

5	9.15	8.67	.....	8.42	8.75	8.91	9.18	9.11	9.10	9.21	9.16	8.99
10	8.99	8.50	.....	8.55	8.76	8.99	9.23	9.18	9.20	9.28	8.97	8.98
15	8.96	8.15	.....	8.41	8.69	9.05	9.11	9.21	9.26	9.26	8.92	8.75
20	8.89	.....	.....	8.58	8.73	8.81	9.20	9.13	9.33	9.46	8.78	.....
25	8.79	.....	.....	8.50	8.73	8.95	9.11	9.23	9.33	9.11	8.87	.....
Eom	8.59	.....	.....	8.78	.....	9.08	9.14	9.20	9.20	9.19	8.76	.....

1973

5	8.74	.....	8.72	.....	8.64	8.70	.....	9.40	9.57	.....	.....	10.44
10	.....	.....	8.72	.....	8.67	8.95	.....	9.36	9.67	.....	.....	10.11
15	.....	.....	8.72	.....	8.68	9.00	.....	9.60	9.67	.....	10.16	10.26
20	.....	8.74	8.67	.....	8.68	8.83	9.30	9.58	9.70	.....	10.16	10.30
25	.....	8.72	8.66	.....	8.69	.....	.....	9.47	9.72	.....	10.16	10.36
Eom	.....	8.72	.....	.....	8.70	.....	9.40	9.57	9.75	.....	10.34	10.36

353052077002201. 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 (10 cm), depth 185 ft (56 m), cased to 123 ft (37 m). Lsd 13.95 ft (4.25 m), previously reported 12.95 ft (3.95 m), above msl. MP top of casing, 1.00 ft (0.30 m) below lsd (since Nov. 5, 1970). Highest water level 5.17 ft (1.58 m) below lsd, Oct. 25, 1971; lowest 9.42 ft (2.87 m) below lsd, Dec. 2, 1973. Records available: 1965-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.62	7.92	7.14	7.24	7.39	7.40	6.55	6.13	7.14	7.30	6.89	7.65
10	8.68	7.98	7.00	7.34	7.68	7.68	6.58	6.28	6.99	7.32	7.08	7.22
15	8.66	7.57	7.12	7.35	8.01	7.30	6.84	6.07	7.18	7.38	7.26	7.34
20	8.14	7.42	6.84	7.06	7.81	6.63	7.59	6.30	6.90	7.67	7.32	7.38
25	7.81	7.36	6.85	7.10	7.76	6.57	7.23	6.38	....	7.85	7.39	7.16
Eom	7.84	7.37	7.26	7.19	7.54	6.69	6.39	6.67	....	7.66	7.40	6.91

1970

5	6.99	6.61	6.90	6.89	7.15	8.30	8.41	8.15	8.45	8.72	9.00	9.11
10	7.12	6.49	6.81	7.07	7.73	8.49	8.16	8.05	8.47	8.90	8.73	9.01
15	7.05	6.76	7.12	7.15	....	8.46	8.15	8.48	8.56	8.96	8.64	8.99
20	6.85	6.86	7.05	7.15	....	8.51	8.31	8.18	8.75	8.87	8.63	8.76
25	7.06	6.90	6.96	7.18	....	8.51	7.98	8.02	9.00	8.65	9.00	....
Eom	7.15	7.06	6.90	7.12	8.08	8.56	8.03	8.29	8.57	8.49	8.88	....

1971

5	....	7.81	6.81	7.25	7.70	7.45	7.22	7.57	7.13	5.75	5.98	6.67
10	....	7.79	6.83	6.91	7.74	7.71	7.08	7.81	7.19	5.84	6.20	6.79
15	8.24	....	6.85	7.21	7.21	7.63	7.01	7.90	7.25	6.16	6.46	6.97
20	8.27	....	7.14	7.34	7.16	7.45	7.47	7.70	7.23	6.14	6.44	7.04
25	8.13	....	7.28	7.53	7.10	7.53	7.46	7.80	7.39	5.23	6.80	7.02
Eom	8.17	....	6.91	7.24	7.14	7.63	7.52	6.91	6.71	5.69	6.78	7.09

1972

5	7.08	6.77	6.77	6.74	7.07	6.84	7.96	7.33	7.24	7.77	7.42	7.14
10	6.99	6.64	7.03	6.89	7.14	7.23	7.84	7.15	7.28	7.44	7.33	7.09
15	6.49	6.48	7.00	6.90	7.05	7.70	7.41	7.33	7.68	7.67	7.39	7.00
20	6.59	7.04	6.72	7.16	6.98	7.26	7.74	7.27	7.99	7.82	7.15	7.27
25	6.68	6.61	6.62	6.93	6.88	7.40	7.82	7.74	7.97	7.58	7.13	6.92
Eom	6.79	6.64	6.50	7.15	6.93	7.69	7.56	7.53	7.88	7.24	6.99	6.95

1973

5	6.78	6.84	6.56	6.57	6.87	7.75	....	....	8.97	8.54	9.07	9.10
10	6.88	6.66	6.65	6.51	6.93	8.01	....	8.46	8.64	8.55	9.27	8.46
15	7.02	6.50	6.81	6.76	7.10	7.94	....	8.60	8.78	8.96	9.15	8.17
20	6.89	6.58	7.04	7.12	7.28	7.85	....	8.24	8.66	8.92	9.24	7.65
25	6.85	6.88	6.80	7.10	7.51	....	....	8.33	8.79	8.88	9.16	7.69
Eom	6.97	6.70	6.73	6.75	7.25	....	....	8.84	9.07	8.98	9.30	7.68

353112076482801. 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 (7.6 cm), depth 98 ft (30 m), previously reported 55 ft (17 m); cased to 55 ft (17 m). Lsd 4.70 ft (1.43 m) above msl. MP top of recorder shelf, 2.20 ft (0.67 m) above lsd. Highest water level 2.84 ft (0.87 m) below lsd, Feb. 19, 1972; lowest 9.64 ft (2.94 m) below lsd, Oct. 12, 15, 16, 1968. Records available: 1965-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.78	7.80	6.87	6.07	6.08	6.52	5.78	5.95	6.03	6.69	6.01	6.04
10	8.71	7.57	6.47	6.17	6.11	6.60	5.81	5.89	6.12	6.72	5.98	5.87
15	8.87	7.52	6.56	6.27	6.40	6.60	5.95	5.79	6.27	6.77	5.97	5.98
20	8.51	7.29	6.30	6.00	6.40	6.19	6.07	5.62	6.37	6.96	5.94	5.99
25	8.37	7.05	5.94	5.99	6.35	6.02	6.17	5.71	6.30	7.24	6.01	....
Eom	8.09	7.06	6.25	6.00	6.37	5.97	6.19	5.91	6.56	7.25	5.91	....

1970

5	....	....	....	5.08	5.19	6.36	7.21	7.29	7.33	....	7.42	....
10	....	....	....	4.98	5.43	6.53	7.25	7.26	7.51	....	7.53	7.48
15	....	....	....	4.98	5.68	6.89	7.34	7.44	6.70	....	7.35	7.51
20	....	....	....	4.92	5.85	7.04	7.33	7.29	....	7.70	7.37	7.58
25	....	....	....	5.08	6.13	7.11	7.28	7.23	....	7.50	7.54	7.37
Eom	....	....	5.06	5.18	6.24	7.21	7.19	7.32	....	7.50	....	7.29

1971

5	7.28	6.32	....	5.67	5.91	5.81	5.78	5.97	5.73	....	....	5.04
10	....	6.35	....	5.56	6.04	5.92	5.77	6.02	....	....	4.72	4.87
15	6.80	5.91	5.52	5.56	6.02	5.82	5.70	6.12	....	....	4.89	4.83
20	6.80	5.96	5.50	5.50	5.89	5.34	5.84	6.10	....	....	4.73	4.77
25	6.62	5.93	5.74	5.56	5.81	5.34	5.89	6.14	....	....	4.97	4.72
Eom	6.43	5.86	5.60	5.68	5.68	5.84	5.99	5.82	....	....	4.89	4.39

1972

5	....	....	3.63	3.95	4.77	4.82	5.38	5.33	....	....	....	....
10	3.72	....	3.97	4.12	4.85	4.83	5.55	....	....	....	....	....
15	3.60	....	3.87	4.08	4.85	5.05	5.27	....	....	....	....	4.66
20	....	3.21	3.88	4.29	4.86	5.06	5.17	....	....	....	5.05	4.74
25	....	3.36	3.74	4.39	4.78	5.13	5.11	....	....	....	5.04	4.65
Eom	....	3.52	3.75	4.72	4.60	5.19	5.29	....	....	....	....	4.63

1973

5	4.46	4.42	4.40	4.42	4.46	5.20	....	....	6.67	7.12	7.58	8.10
10	4.49	4.23	4.46	4.36	4.48	5.36	....	6.24	6.74	7.19	7.80	7.89
15	4.43	4.08	4.45	4.68	4.62	5.57	....	6.27	6.83	7.22	7.73	7.83
20	4.32	4.38	4.58	4.65	4.69	....	....	6.30	6.96	7.37	7.90	7.59
25	4.45	4.50	4.60	4.55	4.76	....	....	6.37	7.07	7.39	7.90	7.52
Eom	4.53	4.47	4.60	4.56	4.98	....	....	6.54	7.10	7.38	8.17	7.24

353343076371801. Local number NC-75. Younce Farm. Belhaven. Drilled observation artesian well in Yorktown Formation of early and late Pliocene age (previously reported of late Miocene age), diam 2 in (5.1 cm), depth 145 ft (44 m), cased to 120 ft (37 m). Lsd 3.8 ft (1.2 m), previously reported 38 ft (12 m), above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 1.39 ft (0.42 m) below lsd, Jan. 14, 15, 1968; lowest 9.75 ft (2.97 m) below lsd, Jan. 21, 22, 1971. Records available: 1967-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	1.97	2.04	2.14	3.13	1.75	1.86	2.90	3.24	2.79	2.64
10	2.83	....	1.69	2.13	2.35	3.12	1.60	1.76	3.12	3.24	2.39	....
15	2.97	2.13	1.86	2.25	2.72	2.91	1.73	1.78	2.99	3.34	2.28	....
20	2.84	2.03	1.83	1.79	2.84	2.26	2.05	1.83	3.06	3.50	2.31	....
25	2.43	1.99	1.63	1.79	2.83	1.92	2.37	2.16	2.99	3.71	2.42	....
Eom	....	2.10	1.94	1.96	3.05	1.96	2.22	2.60	3.16	3.79	2.42	....

1970

5	....	....	....	2.37	2.71	3.54	4.49	4.27	....	5.59	5.22	4.61
10	....	....	....	2.33	2.73	3.82	4.49	4.39	....	5.61	5.12	4.56
15	....	....	....	2.43	3.03	4.16	4.36	....	5.33	....	5.02	....
20	....	....	....	2.44	3.24	4.30	4.48	....	5.43	5.62	4.92	....
25	....	....	....	2.62	3.39	4.43	4.29	....	5.53	5.44	4.82	....
Eom	....	....	2.35	2.70	3.32	4.48	4.01	....	5.53	5.33	4.72	....

1971

5	....	....	6.22	6.04	6.95	6.64	6.38	7.15	6.59	5.63	5.91	6.07
10	....	....	6.01	5.61	6.51	7.20	6.78	7.26	7.20	5.70	5.50	5.47
15	8.69	....	5.85	5.96	6.81	7.36	7.60	6.98	6.73	6.74	5.26	5.26
20	9.21	....	6.03	5.77	6.64	6.97	7.37	7.54	6.36	6.28	5.63	5.54
25	....	....	6.18	5.58	6.28	7.37	6.20	7.71	7.08	5.52	5.43	5.28
Eom	....	....	6.14	6.03	6.65	7.50	6.82	7.03	6.50	5.41	5.24	5.45

1972

5	5.17	4.58	4.16	4.83	6.45	4.49	7.09	6.84	7.00	....	....	5.46
10	5.08	4.41	4.63	4.58	5.84	5.05	6.94	6.50	6.35	6.18	....	4.88
15	4.71	4.27	4.68	4.90	5.43	5.68	6.46	6.52	6.89	....	....	4.81
20	5.32	4.25	4.81	4.98	4.95	5.97	6.85	7.35	7.75	....	4.17	5.73
25	4.79	4.45	4.54	5.67	4.77	5.65	7.02	7.48	6.82	....	4.16	4.94
Eom	4.65	4.37	4.28	5.46	4.63	6.72	6.66	7.85	6.88	....	4.02	4.65

1973

5	4.73	4.23	4.45	4.22	5.25	6.87	7.37	7.50	9.10	9.17	8.88	9.18
10	5.17	4.08	4.30	4.32	5.22	6.62	7.47	7.66	8.71	9.25	9.27	8.78
15	5.15	4.81	4.51	7.20	5.53	8.44	6.96	7.83	9.22	8.84	9.17	7.72
20	4.47	6.26	4.72	5.34	5.50	8.29	7.88	7.83	9.23	9.35	9.19	7.61
25	4.57	4.55	4.48	6.76	6.91	7.70	8.21	8.13	9.12	9.36	8.83	6.54
Eom	4.53	5.25	4.59	4.91	6.33	7.77	8.33	8.66	8.76	9.26	9.20	7.02

Bertie County

355930076570001. Local number NC-32. Town of Windsor. Drilled unused artesian well in sand of Black Creek Formation of Late Cretaceous age, diam 8 in (20 cm), depth 78 ft (24 m), drilled to 350 ft (107 m), gravel-walled. Lsd 28.38 ft (8.65 m), previously reported 28.28 ft (8.62 m), above msl. MP top of instrument shelf, 1.40 ft (0.43 m), previously erroneously reported 140 ft (43 m), above lsd. Highest water level 16.22 ft (4.94 m) below lsd, Aug. 14, 1958; lowest 29.68 ft (9.05 m) below lsd, Jan. 18, 1968. Records available: 1955-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	25.42	24.66	25.57	24.93	25.10	24.40	23.92	23.77	24.53	24.00	24.29	24.34
10	25.41	25.03	25.18	25.07	25.24	23.86	23.69	23.84	24.60	23.91	24.59	....
15	25.68	25.38	25.47	25.34	25.29	23.91	23.72	23.91	24.60	23.98	24.93	24.17
20	24.95	25.78	25.47	25.17	25.08	23.70	24.13	24.06	24.36	24.05	24.92	24.20
25	24.93	26.02	25.21	24.85	24.64	23.92	23.99	24.32	23.85	23.89	24.86	24.34
Eom	24.66	25.96	25.38	25.06	24.41	24.07	23.93	24.60	24.02	24.22	24.61	24.09

1970

5	24.58	24.09	25.73	25.64	26.08	26.22	25.74	25.46	26.35	26.37	25.22	....
10	24.32	23.89	25.54	25.82	25.75	26.09	25.61	25.31	26.22	26.36	25.30	....
15	24.68	24.12	25.22	25.91	25.79	26.33	25.31	26.23	25.84	26.31	25.14	....
20	24.43	24.26	24.79	26.74	25.55	26.49	25.49	26.33	26.37	26.13	25.12	....
25	24.43	24.38	25.92	26.44	25.48	26.18	25.34	27.25	27.34	25.84	25.28	....
Eom	24.36	24.81	25.70	26.12	25.68	25.77	25.55	26.65	26.80	25.55	25.33	....

1971

5	24.99	24.73	24.45	27.02	25.45	25.48	26.10	25.64	26.65	26.11	25.27	24.69
10	24.86	24.47	24.45	28.93	25.54	25.60	25.78	25.79	26.53	25.93	25.06	24.57
15	24.66	24.46	24.33	27.33	25.48	25.37	25.87	25.88	27.04	25.69	25.00	24.57
20	24.73	24.54	24.42	26.60	25.44	25.75	25.79	26.91	26.89	25.39	24.78	24.42
25	24.98	24.49	25.06	26.14	25.47	25.75	25.75	26.54	26.47	24.69	24.70	24.70
Eom	24.86	24.32	26.36	25.84	25.30	26.57	25.63	26.07	25.83	25.39	24.66	24.62

1972

5	24.47	24.52	24.43	24.45	24.49	24.42	24.78	25.25	25.66	25.83	25.10	25.29
10	24.47	24.54	24.42	24.39	24.54	24.52	24.81	25.34	27.39	25.64	25.02	25.19
15	24.27	24.37	24.37	24.37	24.41	24.64	24.67	26.02	26.52	25.57	24.97	25.14
20	24.52	24.45	24.39	24.62	24.44	24.70	24.77	25.98	26.37	25.64	24.97	25.35
25	24.48	24.46	24.39	24.51	24.27	24.65	24.91	26.02	26.28	25.65	25.13	25.43
Eom	24.58	24.46	24.39	24.59	24.30	24.70	25.12	25.96	25.95	25.00	25.19	25.48

1973

5	25.41	25.59	25.74	25.51	26.03	26.69	26.46	27.14	27.61	27.48	27.50	27.65
10	25.31	25.48	25.71	25.45	25.96	26.91	26.66	27.04	27.60	27.35	27.58	27.54
15	25.47	26.07	25.73	25.71	26.13	26.91	26.95	26.91	27.42	27.36	27.55	27.51
20	25.75	26.06	25.67	25.81	26.21	26.70	26.97	26.88	27.45	27.52	27.73	27.41
25	25.67	26.12	25.69	25.99	26.26	26.45	27.03	27.42	27.43	27.61	27.69	27.55
Eom	25.61	25.89	25.68	25.96	26.39	26.52	27.14	27.37	27.56	27.43	27.72	27.30

Brunswick County

335535078011001. Local number NC-22. Town of Southport. Drilled unused artesian well in  
Casta. Hayne Limestone of middle and late  
(20 cm). depth 163 ft (50 m); cased to 60  
casing, 5.27 ft (1.61 m) above lsd (since  
below lsd, Mar. 29, 1965; lowest 31.18 ft  
1963-73. Apr. 7, 1970). Highest water level 15.14 ft (4.61 m)  
(9.50 m) below lsd, July 1, 1970. Records available:

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.54	18.30	16.97	17.15	17.58	17.72	17.83	18.17	19.79	18.98	18.81	19.21
10	17.66	18.21	16.55	17.63	17.45	18.19	18.04	18.53	18.80	19.20	18.95	19.00
15	17.43	18.75	16.78	18.60	18.84	17.88	18.10	18.41	18.69	18.80	19.09	19.17
20	19.17	18.28	16.66	16.79	17.40	17.61	24.72	18.55	18.79	19.09	19.22	20.08
25	17.01	18.04	18.78	17.93	17.10	17.41	18.07	19.25	18.61	19.11	20.11	20.77
Eom	16.90	17.68	18.30	18.08	18.75	17.71	18.21	18.89	18.86	19.06	18.99	20.26

1970

5	20.81	20.48	21.06	19.68	20.61	21.53	22.33	22.26	20.09	.....	21.18	21.80
10	22.49	22.65	19.59	19.59	22.22	20.66	20.81	20.16	20.47	.....	21.61	21.95
15	20.75	20.57	20.14	.....	25.11	21.32	21.94	20.85	20.15	21.58	20.20	21.90
20	21.45	20.43	20.34	.....	22.10	21.97	21.33	.....	20.74	21.14	21.39	21.82
25	21.79	20.95	20.02	20.35	22.23	23.07	21.25	23.29	24.42	20.47	21.84	21.73
Eom	21.80	21.96	19.65	20.34	21.27	22.55	21.09	19.77	.....	21.35	21.78	20.78

1971

5	21.87	.....	23.98	24.19	21.51	22.32	22.27	22.10	21.06	21.20	20.72	20.34
10	21.97	.....	23.53	21.42	21.44	21.45	21.97	23.34	20.83	21.60	20.67	20.32
15	21.94	.....	21.48	21.59	21.45	22.05	21.84	21.89	21.07	21.28	20.22	20.00
20	22.08	.....	21.75	21.60	21.84	21.51	20.52	h22.13	22.76	21.33	20.93	20.63
25	.....	20.80	21.93	22.31	24.42	25.12	21.66	.....	20.66	20.32	20.84	20.31
Eom	.....	21.47	21.51	21.07	21.39	21.51	21.33	21.14	20.19	20.55	h21.54	20.93

1972

5	20.40	19.89	21.26	21.21	20.23	21.39	20.95	21.04	19.60	19.40	19.31	19.05
10	.....	20.26	21.61	21.20	20.53		21.40	h20.89	19.42	19.82	18.93	18.71
15	.....	19.74	21.20	21.29	21.24	h26.69	20.41	21.04	20.42	19.85	18.71	18.87
20	.....	19.86	21.43	21.57	21.85	20.08	21.21	19.90	19.46	19.67	18.53	18.55
25	20.02	19.91	20.35	21.48	20.69	20.01	20.00	20.80	19.78	19.73	18.60	18.07
Eom	19.94	21.23	20.93	21.74	20.51	20.44	20.72	20.15	19.80	19.34	18.43	18.16

1973

5	18.15	18.54	18.35	19.34	20.47	.....	.....	.....	.....	20.97	21.27	.....
10	19.65	18.48	18.61	19.29	20.43	.....	.....	.....	.....	21.06	21.68	.....
15	19.54	18.43	18.50	20.05	20.05	.....	.....	.....	.....	20.90	21.85	.....
20	.....	18.90	h19.12	20.48	20.74	.....	.....	.....	.....	20.06	21.57	.....
25	19.73	18.77	19.25	.....	20.88	.....	.....	.....	.....	20.05	20.15	.....
Eom	18.67	20.13	18.65	20.44	.....	.....	.....	.....	.....	20.85	20.17	.....

### h Tape measurement.

## Camden County

362045076091301. Local number NC-28. E. A. Harris. Belcross. Jetted unused artesian well in Yorktown Formation of early and late Pliocene age (previously reported of late Miocene age), diam 1.25 in (3.18 cm), depth 88 ft (27 m), cased to 88 ft (27 m). Lsd 8 ft (2 m) above msl. MP top of casing, 2.35 ft (0.72 m) above lsd. Highest water level 0.21 ft (0.06 m) below lsd, Apr. 8, 1973; lowest 4.16 ft (1.27 m) below lsd, July 9, 1968. Records available: 1961-73. Measurement discontinued June 22, 1973.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	0.91	0.87	0.77	1.10	2.17	....	....	1.87	2.13	2.05	1.37
10	....	.77	.66	.87	1.19	....	....	....	1.97	2.07	1.97	1.35
15	....	.80	.65	.92	1.46	....	....	....	2.18	2.04	1.60	1.21
20	1.35	.89	.58	.92	1.58	....	....	1.87	2.26	2.04	1.56	1.06
25	1.15	.93	.57	.94	1.76	3.01	....	1.78	2.23	2.04	1.48	.97
Eom	1.05	.96	.68	.99	2.00	2.83	....	1.77	2.20	2.05	1.43	.83

1970

5	0.81	0.69	0.64	....	....	1.64	3.27	3.32	....	....	....	....
10	.76	.67	.70	....	....	1.82	3.39	3.32	....	....	....	....
15	.76	.65	.74	....	....	2.07	3.37	3.32	....	....	....	....
20	.76	.64	.77	....	....	2.37	3.36	3.37	....	....	....	....
25	.77	.64	.79	....	....	2.70	3.32	3.43	....	....	....	....
Eom	.77	.64	.73	....	1.44	3.41	3.32	3.45	....	....	....	....

1971

5	2.90	1.89	0.94	1.04	1.40	1.70	3.05	....	2.33	1.53	0.77	1.13
10	2.74	1.70	....	.94	1.52	1.82	3.07	....	2.21	1.09	....	.81
15	2.66	....	....	.97	1.53	1.98	2.97	2.46	2.00	1.05	....	.91
20	2.56	....	....	1.06	1.56	2.17	....	2.63	1.99	1.03	....	.98
25	2.38	....	1.08	1.15	1.56	2.85	....	2.70	1.96	.73	1.07	1.07
Eom	2.09	1.09	1.06	1.35	1.56	3.26	....	2.36	1.83	.72	1.07	1.05

1972

5	0.98	0.63	0.65	0.76	1.14	0.89	....	....	....	....	1.57	0.78
10	.94	.61	.72	.85	1.07	.83	....	....	....	....	1.37	.80
15	.77	.62	.78	.95	.96	.98	....	....	....	....	1.20	.74
20	.72	.63	.78	1.08	.96	....	....	....	....	....	1.02	..
25	.66	.57	.72	1.11	.84	....	....	....	....	....	1.02	..
Eom	.69	.65	.69	1.22	.84	..	....	....	....	....	.83	..



362045076091301--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	0.36	0.90	1.46	....	....	....	....	....	....
10	....	....	....	.39	.92	1.50	....	....	....	....	....	....
15	....	....	....	.42	.95	1.73	....	....	....	....	....	....
20	....	....	....	.85	1.02	1.86	....	....	....	....	....	....
25	....	....	....	.82	1.08	....	....	....	....	....	....	....
Eom	....	....	....	.87	1.34	....	....	....	....	....	....	....

Carteret County

344332076463101. Local number NC-67. Camp Glen Industrial Education Center. Morehead City. Drilled unsealed artesian well in Castle Hayne Limestone Formation of middle and late Eocene age; diam 8 in (20 cm); depth 235 ft (72 m); cased to 172 ft (52 m), previously reported 235 ft (72 m). Lsd 22 ft (7 m) above msl. MP top of instrument shelf, 3.20 ft (0.98 m) above lsd. Highest water level 16.74 ft (5.10 m) below lsd, Mar. 17, 1972; lowest 20.70 ft (6.31 m) below lsd, July 28, 1973. Records available: 1967-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.92	17.83	17.32	17.78	18.00	18.91	19.28	19.40	19.27	18.65	18.14	18.35
10	18.04	17.72	17.42	17.73	18.10	18.90	19.23	19.54	19.06	18.51	18.02	17.96
15	18.04	17.82	17.69	17.72	18.50	19.23	19.46	19.39	19.03	18.35	18.40	18.34
20	17.79	17.51	17.43	17.69	18.50	19.13	19.69	19.45	18.77	18.67	18.45	18.85
25	17.74	17.45	17.34	17.63	18.40	19.19	19.31	19.23	18.35	18.59	19.04	18.22
Eom	17.89	17.42	17.80	17.69	18.55	19.41	19.47	19.37	18.51	18.30	18.28	18.25

1970												
5	18.27	18.28	17.58	17.88	18.15	....	19.54	19.59	19.57	18.72	18.22	18.26
10	18.22	17.77	17.50	17.77	18.60	18.73	19.68	19.36	19.42	18.72	18.10	18.27
15	18.53	18.06	17.77	17.81	18.70	19.03	19.67	19.60	19.21	18.89	17.88	18.10
20	17.91	18.00	17.87	17.74	18.62	19.38	19.63	19.50	19.08	18.89	17.96	18.06
25	18.17	17.87	17.84	18.17	18.84	19.50	19.57	....	19.10	18.44	18.24	17.58
Eom	18.33	18.15	17.68	18.39	18.77	19.48	19.47	....	18.58	18.13	18.09	17.60

1971												
5	17.88	17.95	17.96	18.01	18.25	18.98	19.39	19.92	.....	.....	18.26	.....
10	17.87	18.12	17.94	18.14	18.27	19.08	19.64	19.94	.....	.....	18.01	.....
15	17.77	18.08	17.78	18.05	18.50	19.07	19.47	19.72	.....	.....	.....	.....
20	18.01	17.99	17.86	18.01	18.44	19.16	19.80	19.91	.....	.....	.....	.....
25	17.86	17.77	17.95	18.08	18.76	19.31	19.66	19.72	.....	.....	.....	.....
Eom	18.01	17.70	17.74	18.04	18.38	19.65	19.91	.....	.....	.....	.....	.....

1972												
5	.....	17.91	17.38	17.61	18.00	18.19	19.31	19.34	19.10	18.38	18.31	.....
10	.....	17.84	17.72	17.49	17.82	18.38	19.19	19.59	18.76	18.63	18.07	.....
15	.....	17.54	17.53	17.44	17.81	18.61	19.14	19.54	19.05	18.60	17.93	17.60
20	.....	17.64	17.68	17.77	17.86	18.36	19.49	19.25	18.96	18.45	.....	17.97
25	17.81	17.50	17.38	17.48	17.59	18.58	19.34	19.36	18.86	18.52	.....	17.43
Eom	17.64	17.45	17.06	18.02	17.70	18.85	19.41	19.20	18.66	18.39	.....	17.53

1973												
5	17.49	17.60	17.40	.....	18.19	19.39	19.78	20.21	20.03	19.48	18.75	.....
10	17.60	17.03	17.54	.....	18.29	19.78	19.99	20.02	19.65	19.30	18.71	.....
15	17.69	17.21	17.33	.....	18.40	19.53	20.15	20.04	19.58	19.24	.....	.....
20	17.43	17.51	17.38	.....	18.39	19.62	20.20	19.90	19.32	19.13	.....	.....
25	17.71	17.76	.....	.....	18.34	19.41	20.25	19.70	19.41	18.58	.....	.....
Eom	17.71	17.44	.....	.....	18.90	19.55	20.16	19.89	19.33	18.63	.....	.....

Chowan County

361842076364001. Local number NC-31. U.S. Geol. Survey. Near Gliden. Drilled observation artesian well in Beaufort Formation of Paleocene age, diam 2 in (5.1 cm), depth 242 ft (74 m), cased to 232 ft (71 m), screened 232-242 ft (71-74 m). Lsd 37.50 ft (11.43 m) above msl. MP top of casing, 2.05 ft (0.62 m) above lsd. Highest water level 15.12 ft (4.61 m) below lsd, Feb. 25, 1965; lowest 17.13 ft (5.22 m) below lsd, on many days in September, October, and November 1973. Records available: 1962-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.65	15.49	15.50	15.47	15.53	15.63	15.69	15.58	15.75	15.64	15.69	15.78
10	15.63	15.48	15.36	15.49	15.51	15.65	15.62	15.57	15.79	15.68	15.69	15.77
15	15.71	15.55	15.45	15.53	15.63	15.59	15.70	15.56	15.84	15.68	15.67	15.77
20	15.59	15.55	15.41	15.44	15.60	15.43	15.75	15.56	15.79	15.72	15.77	15.71
25	15.54	15.52	15.33	15.47	15.57	15.64	15.74	15.62	15.67	15.78	15.78	15.69
Eom	15.59	15.56	15.52	15.49	15.60	15.75	15.58	15.68	15.73	15.78	15.77	15.63

1970												
5	15.69	15.70	15.65	15.57	15.55	15.77	15.78	.....	.....	.....	16.54	16.53
10	15.67	15.58	15.69	15.55	15.62	15.80	.....	.....	e16.5	e16.5	.....	.....
15	15.69	15.69	15.71	15.52	15.65	15.82	.....	.....	16.49	16.55	.....	.....
20	15.66	15.68	15.60	15.54	15.67	15.82	.....	.....	16.51	16.57	.....	.....
25	15.69	15.63	15.56	15.61	15.70	15.83	.....	.....	16.54	16.54	.....	.....
Eom	15.70	15.71	15.53	15.59	15.77	15.82	.....	.....	16.52	16.54	.....	.....

361842076364001--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	16.25	16.20	16.29	16.31	16.39	16.60	16.62	16.62	16.53	16.41	16.45
10	.....	16.25	16.24	16.28	16.32	16.41	16.60	16.62	16.60	16.34	16.43	16.43
15	16.24	16.19	16.25	16.26	16.29	16.41	16.59	16.68	16.55	16.42	16.44	16.41
20	16.24	16.26	16.24	16.28	16.27	16.43	16.60	16.69	16.58	16.45	16.44	16.37
25	16.23	16.24	16.29	16.25	16.33	16.44	16.62	16.69	16.60	16.29	16.44	16.36
Eom	16.21	16.24	16.26	16.29	16.29	16.52	16.60	16.59	16.57	16.38	16.42	16.34
1972												
5	16.34	16.36	16.45	16.45	16.48	16.50	16.63	16.64	16.75	16.78	16.70	16.64
10	16.36	16.37	16.46	16.48	16.49	16.53	16.70	16.63	16.78	16.73	16.65	16.66
15	16.35	16.36	16.47	16.47	16.52	16.55	16.58	16.69	16.80	16.71	16.59	16.52
20	16.36	16.37	16.45	16.51	16.50	16.51	16.65	16.75	16.79	16.73	16.56	16.59
25	16.36	16.41	16.42	16.53	16.47	16.46	16.64	16.79	16.82	16.70	16.63	16.54
Eom	16.37	16.44	16.43	16.56	16.50	16.52	16.57	16.79	16.73	16.72	16.61	16.60
1973												
5	16.54	16.55	16.56	16.53	16.63	16.78	16.82	16.91	16.99	17.05	17.11	17.09
10	16.55	16.55	16.57	16.54	16.65	16.81	16.86	16.93	17.00	17.08	17.12	17.01
15	16.55	16.49	16.56	16.65	16.72	16.85	16.89	16.95	16.95	17.09	17.09	16.97
20	16.52	16.58	16.55	16.68	16.74	16.86	16.90	16.88	17.02	17.11	17.11	16.90
25	16.57	16.64	16.57	16.68	16.68	16.88	16.95	16.92	17.08	17.13	17.08	16.90
Eom	16.61	16.62	16.64	16.64	16.71	16.82	16.96	16.97	17.09	17.06	17.10	16.83
e Estimated.												

e Estimated.

36142076393001. Local number NC-58. Chowan County High School. Near Icaria. Drilled unused artesian well in sands of Paleocene age; diam 8 in (20 cm), depth 320 ft (98 m), reported cased to 320 ft (98 m). Lsd 26.58 ft (8.10 m) above msl. MP top of casing, 0.90 ft (0.27 m) above lsd (since Mar. 10, 1969). Highest water level 7.91 ft (2.41 m) below lsd, Mar. 13, 1957; lowest 11.17 ft (3.40 m) below lsd, Nov. 13, 1973. Records available: 1955-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 10, 1969	10.13	Mar. 9, 1970	10.57	Aug. 11, 1971	10.56	Oct. 31, 1972	10.75
Apr. 8	10.19	Apr. 6	9.78	Oct. 6	10.22	Jan. 17, 1973	10.45
May 12	10.24	July 14	10.18	Nov. 2	10.13	Feb. 14	10.27
June 23	10.05	Sept. 4	10.68	Jan. 5, 1972	9.90	Mar. 28	10.26
Aug. 11	10.03	Oct. 14	10.77	Feb. 17	10.07	May 15	10.20
Sept. 2	11.09	Dec. 3	10.85	Mar. 29	10.07	June 21	10.39
Oct. 10	10.11	Jan. 13, 1971	10.86	May 11	10.29	Aug. 8	10.58
Dec. 16	10.46	Mar. 2	10.58	June 20	10.14	Oct. 11	10.95
Jan. 9, 1970	10.04	Apr. 13	10.34	Aug. 4	10.39	Nov. 13	11.17
Feb. 16	10.05	May 19	10.28	Sept. 19	10.74		

361350076392701. Local number NC-78. R. H. Hollowell. Near Tyner. Dug unused water-table well in sand of post-Miocene age; diam 36 in (91 cm); depth 14 ft (4 m), previously reported 8 ft (2 m); dug to 16 ft (5 m); cased to 16 ft (5 m); lined with concrete. Lsd 30 ft (9 m) above msl. MP top of instrument shelf, 2.35 ft (0.72 m) above lsd. Highest water level 0.78 ft (0.24 m) above lsd, Nov. 26, 1972; lowest 6.91 ft (2.11 m) below lsd, Dec. 6, 1973. Records available: 1962-73.

Mean water level for the day, above and below lsd, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-1.36	-0.86	.....	.....	-2.56	-4.04	.....	.....	-3.76	-1.08	-1.59	-3.96
10	1.84	.78	-0.54	.....	2.55	4.33	.....	.....	3.57	1.69	2.15	1.34
15	2.59	1.35	.....	.....	3.65	3.58	.....	.....	4.20	2.31	2.03	.89
20	.50	1.63	.....	.....	2.26	.93	.....	-1.08	1.25	3.04	2.69	1.37
25	.95	.....	.....	-1.48	2.06	1.36	.....	2.09	.72	3.69	3.21	.96
Eom	1.34	.....	.....	1.77	3.51	2.92	.....	3.09	1.60	4.05	3.58	1.04
1970												
5	-1.27	-0.59	-1.27	-1.10	-0.60	-4.02	.....	-3.30	-5.47	-5.94	-5.17	-5.65
10	1.22	.56	1.71	1.40	1.75	.....	.....	3.81	5.68	6.19	5.28	5.93
15	1.34	1.19	1.74	.67	2.50	.....	-4.28	4.25	5.81	6.36	4.26	6.14
20	.89	1.00	.79	1.29	2.56	.....	4.74	4.60	6.00	6.44	4.66	2.23
25	1.39	1.22	1.03	2.11	3.53	.....	1.25	4.82	6.17	4.33	4.93	1.14
Eom	.73	1.09	.55	.93	3.44	.....	1.78	5.20	5.75	5.05	5.31	2.00
1971												
5	-1.45	-0.47	-0.68	-1.29	-3.88	-3.87	-4.01	-2.32	-2.80	-0.73	-1.07	-1.97
10	.66	.65	1.30	1.21	3.30	4.22	4.02	3.67	3.25	.41	1.71	2.04
15	.94	.67	1.38	1.95	2.95	2.85	4.12	4.27	.97	1.15	2.25	1.76
20	1.32	1.16	1.52	2.56	2.58	3.05	4.60	4.00	1.95	1.22	2.52	1.19
25	.56	.90	2.17	2.94	3.10	3.68	4.93	4.14	2.92	.49	1.47	1.50
Eom	.47	...	.84	3.47	2.90	h4.22	.84	1.36	1.36	.69	1.42	2.07
1972												
5	-2.14	-0.73	-1.29	-1.53	-1.38	-1.71	-4.39	-2.17	....	-4.34	-3.51	....
10	1.75	1.31	1.84	2.07	1.97	2.06	4.76	3.09	....	1.71	1.12	....
15	.58	1.16	2.18	2.29	1.82	2.99	2.68	4.04	....	3.06	-.54	-0.46
20	1.15	.57	1.18	2.80	2.12	2.97	4.04	4.31	-5.42	2.70	+5.4	1.03
25	1.28	1.09	1.00	2.38	.48	3.77	3.40	4.76	5.72	1.77	-.38	.87
Eom	1.48	1.48	1.24	3.22	.96	4.01	1.19	5.16	3.66	2.75	+0.4	.77
1973												
5	-0.79	-0.69	-0.40	-0.54	-1.15	-2.58	-2.22	-1.77	-5.35	-5.55	-6.51	-6.90
10	.85	.86	.89	.52	1.41	3.64	3.88	3.89	5.63	5.84	6.56	3.73
15	.63	.35	1.26	1.64	2.54	4.08	4.18	4.04	2.97	6.10	6.68	2.05
20	.60	1.08	1.60	2.30	2.85	4.19	4.40	3.47	4.44	6.30	6.75	1.05
25	.91	1.50	1.41	2.70	.71	3.81	4.85	4.26	4.94	6.46	6.82	1.11
Eom	.92	.43	1.06	1.58	1.14	1.90	3.45	4.93	5.46	6.46	6.85	1.62

h Tape measurement.

Columbus County

341843078494001. Local number NC-23. Felton I. Granger. Chadbourn. Drilled unused artesian well in Peedee Formation of Late Cretaceous age, diam 6 in (15 cm), depth 100 ft (30 m), drilled to 106 ft (32 m), cased to 77 ft (23 m). Lsd 101 ft (31 m) above msl. MP top of casing, 1.05 ft (0.32 m) above lsd. Highest water level 21.79 ft (6.64 m) below lsd, Mar. 25, 1965; lowest 29.70 ft (9.05 m) below lsd, Dec. 7, 8, 1973. Records available: 1965-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.40	26.99	26.53	26.02	25.91	26.02	25.97	26.07	26.29	26.18	25.80	25.61
10	27.44	26.96	26.32	25.96	25.95	26.03	25.97	26.07	26.31	26.18	25.81	25.38
15	27.40	26.92	26.37	25.95	26.09	25.76	26.11	26.06	26.42	26.16	25.79	25.40
20	27.22	26.80	26.16	25.85	26.10	25.82	26.28	26.08	26.35	26.16	25.73	25.41
25	27.18	26.68	26.05	25.88	25.99	25.87	26.38	26.16	26.28	26.18	25.74	25.33
Eom	27.21	26.66	26.08	25.83	25.94	25.90	26.36	26.26	26.35	26.12	25.64	25.17

1970

5	25.18	25.20	24.98	24.86	.....	26.30	27.32	27.28	27.25	26.99	26.93	26.58
10	25.19	25.09	24.89	24.85	.....	26.51	27.62	27.27	27.37	27.20	26.84	26.51
15	25.34	25.52	24.94	24.89	25.89	26.78	27.86	27.31	27.31	27.34	27.01	26.49
20	25.28	25.26	24.88	24.96	25.93	26.94	27.93	27.41	27.07	27.26	26.73	26.37
25	25.41	25.13	24.85	.....	26.23	27.04	27.49	27.24	27.27	27.15	26.49	.....
Eom	25.36	25.16	24.76	.....	26.21	27.08	27.25	27.35	27.02	27.01	26.57	.....

1971

5	26.07	25.72	24.71	24.87	24.95	25.32	25.86	26.02	26.02	25.84	25.22	25.08
10	25.99	25.71	24.89	24.84	25.11	25.52	25.86	26.02	25.86	25.63	25.34	25.11
15	25.89	25.35	24.91	24.88	25.15	25.59	25.92	26.10	26.28	25.57	25.48	25.08
20	25.94	25.08	24.91	24.89	25.15	25.57	26.08	25.88	26.33	25.43	25.29	25.09
25	25.85	24.92	24.93	24.90	25.20	25.67	26.14	25.96	26.42	25.27	25.20	25.13
Eom	25.75	24.77	24.84	24.91	25.18	25.80	26.03	25.96	26.05	25.22	25.10	25.12

1972

5	25.13	25.11	25.17	25.20	25.54	25.73	25.84	25.92	25.96	26.64	27.34	26.98
10	25.08	25.13	25.22	25.27	25.58	25.80	26.01	25.88	26.03	26.81	27.03	26.91
15	25.01	25.07	25.19	25.27	25.55	25.92	26.11	25.88	25.99	26.94	27.15	26.83
20	25.14	25.05	25.20	25.41	25.56	25.95	26.19	26.23	26.03	27.06	27.23	26.86
25	25.13	25.10	25.17	25.44	25.58	25.97	26.30	26.46	26.29	27.06	27.19	26.71
Eom	25.11	25.11	25.15	25.58	25.59	26.01	26.10	26.15	26.48	27.08	27.03	26.64

1973

5	26.56	26.22	26.06	25.95	26.12	26.94	27.12	27.93	.....	29.22	29.26	29.63
10	26.40	25.99	26.08	25.92	26.10	27.06	27.26	28.26	.....	29.26	29.36	29.49
15	26.42	26.04	26.02	26.07	26.23	26.97	27.47	28.46	.....	29.21	29.39	29.32
20	26.48	26.16	26.07	26.10	26.34	26.93	27.52	28.54	.....	29.21	29.45	29.25
25	26.50	26.24	26.09	26.07	26.46	26.87	27.67	.....	29.29	29.18	29.51	29.19
Eom	26.37	26.17	26.06	26.10	26.69	27.00	27.84	.....	29.35	29.20	29.62	29.10

Craven County

352309077102901. Local number NC-16. W. L. Elkes. Near Wilmar. Drilled observation artesian well in Peedee Formation of Late Cretaceous age; diam 2 in (5.1 cm); depth 322 ft (98 m), previously reported 320 ft (98 m); cased to 300 ft (91 m). Lsd 49 ft (15 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 15.01 ft (4.58 m) below lsd, Aug. 23, 1966; lowest 20.48 ft (6.24 m) below lsd, Nov. 10, 1973. Records available: 1962-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.91	17.85	17.85	17.97	17.95	.....	.....	.....	.....	18.14	17.95	18.24
10	17.86	17.80	17.70	17.98	17.94	18.01	.....	.....	17.99	18.13	18.00	18.08
15	18.01	17.92	17.89	18.03	18.05	17.97	.....	.....	18.07	18.13	18.07	18.08
20	17.85	17.85	17.90	17.87	17.99	17.81	.....	.....	18.05	18.15	18.13	18.18
25	17.85	17.85	17.80	17.91	17.94	17.88	.....	.....	17.95	18.35	18.24	18.16
Eom	17.92	17.89	18.03	17.90	17.93	17.93	.....	.....	15.04	18.29	18.17	18.07

1970

5	18.22	18.17	18.16	18.62	18.05	18.16	18.29	18.28	18.59	18.81	18.75	18.99
10	18.19	18.01	18.11	18.58	18.01	18.21	18.26	18.32	18.64	18.82	18.87	19.06
15	18.19	18.11	18.12	18.56	18.06	18.30	18.30	18.43	18.72	18.83	18.78	19.07
20	18.09	18.18	18.22	18.55	18.10	18.29	18.31	18.43	18.75	18.93	18.84	18.98
25	18.16	18.16	18.09	18.25	18.13	18.33	18.21	18.45	18.80	18.76	18.98	18.87
Eom	18.14	18.23	18.13	18.25	18.19	18.35	18.21	18.54	18.78	18.83	18.98	18.98

1971

5	19.02	.....	18.79	.....	.....	18.90	18.91	18.79	18.80	.....	.....	.....
10	18.95	.....	18.84	.....	18.94	18.92	18.86	18.83	18.78	.....	.....	.....
15	18.98	.....	18.76	18.82	.....	18.83	18.88	18.83	18.85	.....	.....	.....
20	.....	18.82	18.79	.....	18.82	18.96	18.88	18.79	18.82	18.87	.....	.....
25	.....	18.83	.....	.....	18.84	18.95	18.83	18.83	18.89	.....	.....	18.76
Eom	.....	18.83	.....	.....	18.79	19.02	18.81	18.73	.....	18.81	.....	18.76

1972

5	.....	.....	.....	.....	18.67	18.66	18.84	18.85	18.92	19.26	19.37	19.30
10	.....	h18.80	.....	.....	18.69	18.65	18.93	18.90	19.05	19.45	19.40	19.27
15	.....	.....	.....	.....	18.67	18.78	18.76	18.94	19.04	19.38	19.37	19.20
20	.....	.....	18.79	.....	18.67	18.73	18.84	18.97	19.12	19.55	19.21	19.37
25	.....	.....	.....	h18.67	18.61	18.74	18.80	19.02	19.20	19.31	19.32	19.28
Eom	.....	.....	.....	18.77	18.59	18.77	18.85	19.07	19.11	19.36	19.22	19.32

352309077102901--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.25	19.39	19.27	19.17	19.24	19.51	19.45	19.69	20.11	20.15	20.39	20.22
10	19.37	19.23	19.30	19.17	19.24	19.51	19.56	19.86	20.10	20.25	20.46	20.19
15	19.35	19.18	19.27	19.47	19.30	19.52	19.62	19.91	20.10	20.33	20.41	20.16
20	19.28	19.42	19.31	19.42	19.29	19.47	19.67	19.91	20.11	20.40	20.36	20.16
25	19.41	19.43	19.32	19.28	19.25	19.39	19.74	20.03	20.11	20.38	20.30	20.24
Eom	19.49	19.33	19.27	19.29	19.39	19.39	19.70	20.08	20.10	20.41	20.29	20.18

h Tape measurement.

351049077175501. 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 (5.1 cm); depth 854 ft (260 m); multi-screened, screen intervals 705-715 ft (215-218 m), 781-786 ft (238-240 m), 828-833 ft (252-254 m). Lsd 36.73 ft (11.20 m) above msl. MP top of instrument shelf, 2.06 ft (0.63 m) above lsd (since Feb. 2, 1972). Highest water level 6.01 ft (1.83 m) below lsd, Aug. 25, 26, 1965; lowest 63.84 ft (19.46 m) below lsd, Oct. 5, 1973. Records available: 1965-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.05	31.08	31.24	33.94	32.25	32.66	37.11	.....	.....	38.46	37.98	39.84
10	30.62	32.87	31.48	34.04	33.23	32.34	36.89	.....	.....	38.59	37.52	40.25
15	31.15	.....	31.58	34.02	33.13	37.08	37.01	.....	37.79	38.74	37.98	40.25
20	30.74	.....	32.14	32.88	32.83	37.09	37.93	.....	37.85	38.90	37.99	40.54
25	31.14	.....	33.12	33.06	32.82	37.10	.....	.....	38.16	38.84	37.93	40.54
Eom	30.90	30.84	33.80	33.17	33.25	37.10	.....	.....	37.79	38.83	39.83	40.53

1970												
5	40.54	38.46	37.83	37.63	39.36	39.64	.....	.....	43.89	43.06	.....	.....
10	38.41	37.98	38.00	37.85	39.75	.....	.....	44.08	43.62	42.89	.....	.....
15	38.39	37.51	38.11	37.87	40.44	.....	.....	43.47	43.49	42.05	.....	.....
20	38.95	38.76	38.76	37.92	39.29	.....	.....	43.71	43.09	43.77	.....	42.36
25	39.71	38.76	38.60	38.48	39.87	.....	41.33	43.69	43.43	43.77	.....	42.57
Eom	38.45	38.75	38.74	39.71	39.42	.....	.....	44.56	43.79	.....	.....	41.98

1971												
5	42.11	42.89	43.30	42.76	44.32	43.96	45.07	.....	45.48	.....	44.77	.....
10	42.05	42.60	43.35	43.15	42.77	44.31	45.19	.....	45.91	.....	44.03	.....
15	42.25	42.42	43.44	43.10	.....	44.02	45.32	.....	45.94	.....	43.96	45.72
20	42.73	43.28	42.42	43.15	.....	44.05	45.08	.....	.....	.....	44.17	.....
25	41.86	43.41	41.73	42.42	.....	45.07	44.72	.....	.....	.....	44.73	.....
Eom	42.30	43.03	42.71	43.03	43.12	45.31	.....	.....	.....	.....	.....	e46.2

1972												
5	e45.9	.....	.....	.....	.....	.....	50.60	52.16	55.50	53.58	53.68	55.26
10	e47.7	.....	.....	.....	.....	48.90	50.17	53.48	53.38	53.44	54.08	54.53
15	e47.6	.....	.....	.....	.....	49.66	51.91	52.98	53.35	53.28	53.70	55.27
20	e48.6	.....	.....	.....	.....	49.02	51.62	52.92	54.46	53.71	54.15	55.59
25	e46.9	h51.93	h47.58	h46.57	.....	48.72	52.55	55.19	53.61	53.20	54.89	55.54
Eom	e48.0	.....	.....	.....	.....	49.67	52.19	55.53	53.25	53.79	54.86	55.31

1973												
5	55.51	55.87	56.75	56.86	58.16	60.46	.....	.....	.....	62.83	61.02	.....
10	55.55	56.19	56.82	56.94	58.50	61.23	.....	.....	.....	62.11	.....	.....
15	55.73	56.91	56.92	57.10	58.46	61.23	.....	.....	.....	62.29	61.98	.....
20	56.02	56.87	56.64	57.14	58.90	61.23	.....	.....	.....	62.13	61.98	.....
25	56.02	57.19	56.54	57.11	59.11	61.23	h61.54	h61.66	.....	61.94	61.88	.....
Eom	56.02	56.93	56.65	57.07	60.19	61.16	.....	.....	.....	61.58	.....	.....

e Estimated.

h Tape measurement.

350455077105001. 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 8 in (20 cm), previously reported 6 in (15 cm); depth 45 ft (14 m), previously reported 47 ft (14 m); cased to 42 ft (13 m), previously reported 47 ft (14 m). Lsd 35 ft (11 m) above msl. MP top of casing, 1.32 ft (0.40 m) above lsd (since Nov. 5, 1970). Highest water level 2.10 ft (0.64 m) below lsd, Oct. 25, 1971; lowest 13.04 ft (3.97 m) below lsd, Oct. 16, 1968. Records available: 1964-73. Well was originally drilled to 1,000 ft (305 m) as test well, but was back filled to depth of about 47 ft (14 m).

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.35	7.96	5.40	.....	.....	5.50	6.66	5.16	....	8.14	6.44	7.72
10	10.40	7.20	4.36	.....	.....	6.18	5.87	4.37	....	8.33	6.36	7.48
15	10.55	7.10	4.56	.....	.....	6.74	6.14	4.18	7.14	8.60	6.69	5.99
20	10.22	5.67	.....	.....	.....	6.24	6.86	4.36	7.37	8.66	6.89	6.15
25	8.66	5.69	.....	.....	.....	6.32	7.33	.....	.....	9.16	7.18	5.28
Eom	8.44	5.87	.....	.....	4.72	6.69	6.42	....	....	9.41	7.32	4.94

1970												
5	....	....	....	3.89	4.86	7.29	5.28	4.62	5.18	....	....	5.59
10	....	....	....	3.72	5.26	7.69	5.33	5.16	5.82	....	4.87	5.78
15	....	....	....	3.87	5.74	7.39	6.04	5.17	4.40	....	4.82	6.06
20	....	4.40	....	4.06	5.87	8.56	5.14	3.64	4.90	5.91	4.78	5.00
25	....	4.53	4.10	4.53	6.32	6.43	4.14	3.35	5.54	4.47	5.14	5.04
Eom	....	4.54	....	4.65	6.62	5.85	3.96	4.17	5.41	4.45	5.27	5.28

1971												
5	5.26	3.24	2.57	3.78	4.11	5.00	6.35	4.60	3.54	2.69	2.79	3.06
10	4.43	3.28	2.91	3.15	4.50	5.66	5.66	5.25	3.86	2.66	2.99	3.16
15	3.97	2.97	3.19	3.30	4.90	6.10	5.49	5.96	3.98	2.81	3.32	3.39
20	3.55	3.22	3.37	3.71	4.36	5.92	6.14	3.45	4.17	3.14	3.47	3.09
25	3.46	3.24	3.78	4.02	4.10	5.48	5.93	3.80	4.52	2.13	3.48	3.18
Eom	3.34	3.06	3.58	3.98	4.46	5.92	5.06	3.02	4.44	2.58	3.24	3.47

350455077105001--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	2.97	2.39	2.99	3.25	3.69	4.10	5.27	3.74	5.30	6.51	6.22	3.56
10	3.16	2.70	3.25	3.48	3.91	4.70	5.45	3.91	4.67	6.45	5.70	3.22
15	2.36	2.32	3.43	3.48	4.09	5.13	3.49	4.50	5.20	6.61	5.73	3.40
20	2.55	2.38	3.26	3.79	4.15	5.55	3.39	5.03	5.71	7.00	5.33	3.47
25	2.61	2.67	3.06	3.83	3.31	5.11	3.95	5.56	6.16	6.53	5.31	3.19
Eom	2.79	2.83	3.12	4.18	3.58	5.23	3.60	5.90	6.21	6.01	3.83	3.31

1973												
5	2.89	2.85	2.62	2.58	3.05	5.46	4.69	6.10	8.11	9.61	10.87	11.63
10	3.00	2.84	2.79	2.48	3.17	6.04	5.10	6.26	8.24	9.87	11.05	.....
15	2.95	2.27	2.84	2.96	3.59	6.27	5.82	6.64	8.43	10.09	11.17	.....
20	2.89	2.48	3.01	3.24	4.01	6.65	6.29	6.95	8.75	10.33	11.31	.....
25	2.91	2.86	3.00	3.58	4.33	6.21	6.90	7.31	9.03	10.51	11.41	.....
Eom	2.99	2.85	3.15	3.05	4.88	4.85	7.42	7.74	9.30	10.68	11.57	.....

350904077130601. Local number NC-48. International Paper Co. Tuscarora. Drilled unused (previously reported observation) artesian well in sand of Black Creek Formation of Late Cretaceous age (previously reported Castle Hayne Limestone of middle and late Eocene age); diam 2 in (5.1 cm); depth 310 ft (94 m); drilled to 460 ft (140 m); cased to 440 ft (134 m), previously reported 460 ft (140 m). Lsd 38 ft (12 m) above msl. MP top of casing, 2.60 ft (0.79 m) above lsd. Highest water level 0.55 ft (0.17 m) above lsd, June 24, 1963; lowest 4.62 ft (1.41 m) below lsd, Nov. 11, 12, 1973. Records available: 1962-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	2.14	2.10	2.07	2.16	2.25	2.28	2.29	2.16	2.44	2.49	2.29	2.36
10	2.12	2.08	1.92	2.17	2.22	2.29	2.26	2.19	2.44	2.53	2.32	2.35
15	2.18	2.11	1.96	2.19	2.28	2.35	2.30	2.21	2.51	2.51	2.33	2.35
20	2.12	2.08	2.04	2.11	2.27	2.23	2.35	2.21	2.51	2.56	2.35	2.36
25	2.10	2.08	1.97	2.15	2.26	2.25	2.36	2.31	2.46	2.64	2.36	2.36
Eom	2.15	2.10	2.15	2.18	2.22	2.31	2.18	2.41	2.47	2.64	2.36	2.35

1970												
5	2.36	2.36	2.39	2.41	2.47	2.47	....	2.65	2.72	2.80	2.74	2.82
10	2.33	2.33	2.37	2.41	2.47	2.47	....	2.67	2.79	2.83	2.82	2.83
15	2.34	2.37	....	2.38	2.47	2.48	....	2.71	2.75	2.85	2.79	2.83
20	2.30	2.40	....	2.40	2.48	....	....	....	2.78	2.90	2.79	2.76
25	2.35	2.38	....	2.44	2.48	....	2.65	....	2.82	2.77	2.81	2.75
Eom	2.36	2.45	....	2.45	2.47	....	2.62	....	2.78	2.82	2.82	2.74

1971												
5	2.77	....	2.81	2.97	....	3.00	3.06	....	3.17	3.20	3.13	3.14
10	2.77	....	2.86	2.93	....	3.05	3.02	....	3.17	2.91	3.13	....
15	2.73	....	....	....	....	3.09	2.98	....	3.14	2.99	3.16	3.18
20	....	2.87	....	....	....	2.99	....	....	....	....	3.08	3.16
25	....	2.85	2.96	....	....	3.00	....	....	....	....	2.09	3.23
Eom	....	2.86	2.90	....	2.93	3.05	....	....	....	....	3.05	3.18

1972												
5	3.09	3.18	3.18	3.12	3.19	....	3.47	3.45	3.42	3.58	3.61	3.59
10	3.15	3.24	3.20	3.12	3.32	3.35	3.52	3.47	3.53	3.64	3.61	3.62
15	3.13	3.08	3.21	2.97	....	3.45	3.36	3.53	3.54	3.64	3.61	3.57
20	3.17	3.09	3.20	2.95	....	3.40	3.45	3.51	3.61	3.68	3.61	3.63
25	3.14	3.14	3.14	2.93	....	3.34	3.45	3.55	3.64	3.56	3.61	3.59
Eom	3.12	3.19	3.08	3.18	....	3.37	3.42	3.52	3.47	3.60	3.55	3.68

1973												
5	3.66	3.65	3.68	3.63	3.76	4.02	3.98	3.93	....	....	....	4.56
10	3.66	3.59	3.70	3.65	3.78	4.07	3.94	3.99	....	....	....	4.51
15	3.66	3.52	3.69	3.84	3.86	4.02	4.03	....	4.09	....	4.56	4.42
20	3.64	3.68	3.66	3.85	3.84	4.02	4.06	....	4.19	....	4.54	4.35
25	3.64	3.72	3.73	3.80	3.85	3.96	4.14	....	4.28	....	4.55	4.40
Eom	3.67	3.70	3.77	3.77	3.92	3.94	4.02	....	4.30	....	4.55	4.34

345417076534001. Local number NC-64. Cherry Point U.S. Marine Corps Building 164. Havelock. Drilled unused artesian well in Castle Hayne Limestone Formation of middle and late Eocene age, diam 4 in (10 cm), depth 120 ft (37 m), drilled to 122 ft (37 m), cased to 94 ft (29 m). Lsd 25.11 ft (7.65 m) above msl. MP top of casing, at lsd. Highest water level 17.56 ft (5.35 m) below lsd, Feb. 19, 1972; lowest 21.63 ft (6.59 m) below lsd, Aug. 27, 1968. Records available: 1967-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.10	19.54	19.51	19.29	18.98	19.89	19.92	20.26	20.12	19.64	19.61	20.33
10	19.52	18.78	18.92	19.25	19.56	20.72	20.63	20.08	20.05	19.73	19.70	19.85
15	19.79	19.12	19.43	19.32	19.93	20.38	20.26	20.24	19.93	19.45	19.79	19.80
20	19.28	19.48	19.28	18.61	19.73	20.35	20.63	20.27	19.90	19.43	19.70	19.53
25	19.37	19.31	19.15	19.22	19.65	20.38	20.81	20.20	19.79	19.83	20.01	19.28
Eom	19.61	19.59	19.24	19.26	19.57	19.88	20.60	20.45	19.93	19.83	19.77	19.28

1970											
5	19.39	19.65	18.99	18.97	19.16	19.94	19.76	19.93	19.05	18.92	.....
10	19.81	19.16	19.00	19.09	19.64	19.79	20.39	19.75	19.12	19.05	.....
15	19.92	19.02	19.01	19.22	20.08	19.85	20.29	19.98	18.86	19.02	.....
20	19.33	19.17	19.40	18.65	19.95	20.40	20.03	19.48	19.00	19.06	.....
25	19.61	18.79	19.27	18.98	20.01	20.30	20.27	19.42	19.23	18.84	.....
Eom	19.76	19.12	19.06	19.37	19.49	20.49	20.10	18.94	19.00	18.52	.....

345417076534001--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.11	18.85	18.33	18.49	18.85	19.15	19.12	19.90	19.22	18.51	18.25	18.15
10	18.82	19.14	18.42	18.77	18.50	19.34	19.70	19.89	19.34	18.20	18.20	18.30
15	19.25	18.76	18.29	18.59	18.73	19.66	19.64	19.59	19.20	18.59	18.20	18.36
20	18.96	18.76	18.48	18.57	18.77	19.69	19.80	19.70	19.24	18.50	18.24	18.38
25	18.89	18.54	18.47	18.86	18.77	19.75	19.18	19.89	19.24	18.14	18.40	18.25
Eom	18.77	18.16	18.41	18.68	18.25	19.89	19.57	19.50	18.69	18.12	18.41	18.33
1972												
5	18.22	18.17	18.06	18.83	.....	18.35	19.24	19.31	19.16	19.53	19.35	19.11
10	18.25	.....	18.86	.....	.....	18.72	19.06	19.66	19.13	19.39	19.70	19.04
15	.....	.....	18.73	.....	18.51	19.02	19.18	19.60	19.43	19.51	19.41	19.06
20	18.83	17.67	18.58	.....	18.73	19.10	19.31	19.24	19.74	19.65	19.12	19.09
25	18.29	17.74	18.77	.....	18.49	18.92	19.10	19.65	19.49	19.23	19.10	18.50
Eom	18.16	17.84	18.68	.....	18.36	19.37	19.23	19.48	19.64	19.52	19.19	18.34
1973												
5	18.48	18.78	.....	18.19	18.77	19.84	19.58	20.18	20.32	20.11	19.92	.....
10	18.84	18.70	.....	18.21	18.88	20.05	19.92	20.46	19.81	19.97	20.23	.....
15	18.91	18.75	.....	18.22	18.88	20.11	19.79	20.83	20.05	19.90	.....	.....
20	19.40	.....	.....	18.80	18.61	19.86	20.41	20.34	19.98	20.22	.....	.....
25	19.01	.....	18.07	18.61	19.17	19.55	20.75	20.46	19.93	20.01	.....	.....
Eom	19.07	.....	18.23	18.52	19.51	19.75	20.70	20.66	20.02	20.00	.....	.....

Cumberland County

345803078564901. Local number NC-84. Robert Deaver. Hope Mills. Drilled unused artesian well in slate of Paleozoic age, diam 8 in (20 cm), depth 410 ft (125 m), drilled to 509 ft (155 m), cased to 238 ft (73 m). Lsd 110 ft (34 m) above msl. MP top of instrument shelf, 1.80 ft (0.55 m), previously erroneously reported 2.00 ft (0.61 m), above lsd. Highest water level 32.41 ft (9.88 m) below lsd, Dec. 21, 1973; lowest 92.03 ft (28.05 m) below lsd, June 3, 1967. Records available: 1966-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	76.66	68.92	62.40	65.65	70.68	69.47	61.08	59.24	55.16	52.29	50.18	.....
10	76.65	67.65	61.47	66.36	71.29	67.77	60.21	58.45	54.74	51.94	49.93	.....
15	76.80	66.42	60.74	67.61	70.27	65.96	59.39	57.67	54.18	51.61	49.70	.....
20	74.97	65.15	59.98	68.39	69.32	64.43	58.69	56.86	53.54	51.33	49.44	.....
25	72.73	63.95	61.52	69.05	68.19	63.19	58.01	56.26	52.95	51.10	49.26	57.74
Eom	70.34	63.37	64.09	69.92	69.40	62.08	58.94	55.67	52.63	50.70	48.88	.....
1970												
5	.....	.....	61.06	55.93	56.15	55.47	64.65	62.77	58.07	57.18	65.54	70.38
10	.....	.....	59.67	55.99	56.10	55.42	66.84	61.13	58.08	57.50	66.73	71.15
15	.....	64.36	58.52	55.87	56.00	57.69	65.80	59.88	58.04	59.17	67.51	71.67
20	.....	65.13	57.43	55.69	55.89	61.84	64.74	58.70	57.97	60.71	68.37	71.98
25	.....	63.91	56.49	55.67	55.75	64.77	65.32	58.24	57.91	62.46	69.19	72.42
Eom	.....	62.90	55.56	55.97	55.68	64.39	64.22	58.15	57.54	64.42	69.74	72.68
1971												
5	.....	62.11	60.03	55.99	54.15	53.40	54.64	51.81	50.62	49.34	47.84	46.36
10	.....	61.55	59.10	55.42	53.77	55.21	55.11	51.41	51.49	48.82	47.58	46.08
15	66.68	62.41	58.33	55.06	53.45	54.77	54.37	51.07	51.00	48.62	47.35	45.90
20	65.30	62.07	57.67	55.23	53.00	54.11	53.67	50.64	50.61	48.44	46.96	45.62
25	64.07	61.56	57.21	55.04	52.77	53.44	53.09	50.37	50.27	48.10	46.80	45.49
Eom	62.87	61.02	56.42	54.55	52.38	53.01	52.35	50.06	49.87	47.96	46.48	45.19
1972												
5	44.89	.....	44.47	43.68	41.48	40.17	39.30	38.44	37.62	36.97	36.48	35.85
10	.....	.....	44.44	43.27	41.20	39.99	39.24	38.36	37.58	36.99	36.32	35.78
15	.....	.....	44.21	42.68	40.94	39.92	39.04	38.27	37.49	36.88	36.18	35.61
20	.....	.....	44.13	42.37	40.74	39.66	38.95	38.18	37.31	36.88	36.01	35.58
25	.....	44.84	43.73	42.03	40.49	39.42	38.76	38.10	37.25	36.61	35.99	35.45
Eom	.....	44.78	43.68	41.84	40.28	39.37	38.52	37.85	36.98	36.56	35.89	35.42
1973												
5	35.29	34.78	34.20	33.70	33.40	33.44	33.12	32.96	33.04	33.03	33.02	32.93
10	35.21	34.55	34.17	33.49	33.36	33.44	33.13	32.96	32.97	33.04	33.14	32.79
15	35.10	34.43	34.01	33.63	33.38	33.44	33.18	32.97	32.85	33.03	33.01	32.76
20	35.06	34.49	33.96	33.51	33.34	33.24	33.21	33.00	32.90	33.05	33.08	32.61
25	35.19	34.41	33.94	33.41	33.31	33.22	33.26	32.99	32.98	33.02	32.97	32.61
Eom	35.13	34.36	34.05	33.45	33.37	33.21	33.16	33.02	32.98	32.95	33.09	32.54

Dare County

351428075350901. Local number NC-4. National Park Service. Frisco Campground. Drilled observation water-table well in sand of Holocene age, diam 2 in (5.1 cm), depth 66 ft (20 m), cased to 63 ft (19 m). Lsd 5.63 ft (1.72 m), previously reported 3.52 ft (1.07 m), above msl. MP top of casing, 1.25 ft (0.38 m) above lsd (since May 19, 1970). Highest water level 0.40 ft (0.12 m) above lsd, Oct. 10, 1971; lowest 3.26 ft (0.99 m) below lsd, July 2, 1969. Records available: 1964-73. Measurement discontinued May 23, 1973. Water levels are reported in distance relative to lsd.

351428075350901--Continued.

Mean water level for the day, above and below lsd, from recorder graph, 1969											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Dec
5	-1.55	-1.30	-0.98	-1.27	-1.72	-2.60	-2.62	-2.23	-2.45	-2.24	-2.39
10	1.68	1.21	.56	1.35	1.81	2.79	2.37	1.47	2.17	2.50	2.36
15	1.80	1.42	.81	1.49	2.02	2.95	2.41	1.33	2.43	2.52	2.49
20	1.28	1.36	.80	1.29	2.19	2.81	2.69	1.69	2.46	2.66	2.53
25	1.07	1.19	.91	1.52	2.30	3.06	2.83	1.95	2.17	2.80	2.62
Eom	1.35	1.34	1.14	1.42	2.56	3.19	2.70	2.24	2.25	2.93	2.73
1970											
5	-1.70	-0.25	-0.59	-0.64	-1.13	-1.40	-1.49	-1.85	-1.77	-2.24	-0.38
10	.71	.33	.72	1.11	1.36	0.65	.99	1.99	1.95	2.37	.60
15	.87	.58	.85	.78	1.20	1.00	1.12	1.69	1.56	2.37	.16
20	.87	.42	.95	.91	1.29	1.31	1.47	1.53	1.85	2.31	.40
25	1.07	.60	.55	.98	1.48	1.60	1.17	1.71	2.08	2.00	.58
Eom	1.03	.65	.53	.91	1.19	1.58	1.62	1.89	1.98	1.71	.76
1971											
5	....	-0.86	-0.53	-0.85	-1.10	-0.66	-0.84	....	-0.64	....	-0.17
10	....	....	.75	....	1.10	.93	1.15	-1.93	.20	+0.34	.30
15	-0.90	....	.78	.50	1.43	1.08	1.40	1.89	.38	+1.9	.45
20	.99	....	.95	.72	.89	.88	1.45	1.06	.62	0.00	.60
25	.62	.94	1.16	....	....	1.11	....	1.49	.85	-1.11	.60
Eom	.80	....	.80	1.09	.52	1.40	....	.45	-.87	.14	.57
1972											
5	-1.03	-0.17	-0.72	-1.07	-1.00	-0.19	-1.47	-1.02	....	-2.06	-1.46
10	1.10	.38	.91	1.20	1.11	.39	1.32	1.34	....	1.18	1.16
15	.20	.50	1.03	1.33	1.09	.68	.63	1.64	....	1.44	1.07
20	.39	.32	.78	1.51	1.28	.90	.99	1.87	-2.22	1.06	.56
25	.46	.50	.83	1.61	.60	.97	1.30	1.98	2.35	1.20	.69
Eom	.59	.62	.83	1.77	.11	1.17	.84	2.05	2.46	1.21	.35
1973											
5	-0.43	-0.50	-0.03	-0.15	-0.95	....	....	....	....	....	....
10	.36	....	.04	.26	1.02	....	....	....	....	....	....
15	.51	....	.05	.49	.94	....	....	....	....	....	....
20	.57	....	.06	.66	1.04	....	....	....	....	....	....
25	.65	.01	.07	.82	....	....	....	....	....	....	....
Eom	.70	.01	.33	.96	....	....	....	....	....	....	....

e Estimated.

## Davie County

355339080332601. Local number NC-110. Kurfee Well. Near Mocksville. Dug unused water-table well in weathered granite of Paleozoic age, diam 36 in (91 cm), depth 28 ft (9 m), dug to 32 ft (10 m), lined with rock. Lsd 800.62 ft (244.03 m) above msl. MP top of wooden platform, 3.60 ft (1.10 m) above lsd. Highest water level 12.47 ft (3.80 m) below lsd, Apr. 1, 1973; lowest 28.66 ft (8.74 m) below lsd, Feb. 15, 1942. Records available: 1932-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1969	24.06	Dec. 4, 1969	21.58	Sept. 26, 1970	19.43	July 10, 1971	18.00
16	24.06	11	20.82	Oct. 2	20.31	17	18.61
22	23.17	17	21.09	9	20.70	24	18.86
31	23.46	24	20.90	16	20.25	Aug. 1	18.55
Feb. 6	22.52	Jan. 1, 1970	20.22	25	21.40	7	18.76
13	21.91	5	20.30	31	16.50	14	18.43
21	21.36	15	20.33	Nov. 6	20.71	21	18.76
28	21.18	23	20.27	14	20.78	28	18.96
Mar. 7	19.97	29	20.29	21	21.11	Sept. 4	19.20
13	20.33	Feb. 5	20.02	28	21.33	11	18.98
21	19.81	12	19.40	Dec. 5	21.50	18	19.60
26	19.27	19	18.23	12	21.54	25	19.81
31	19.40	26	18.48	17	21.63	Oct. 2	17.77
Apr. 10	19.36	Mar. 6	18.58	24	21.33	9	20.04
17	19.20	13	18.70	Jan. 2, 1971	21.18	16	14.20
24	19.12	20	18.64	11	21.76	22	19.62
30	19.18	27	18.48	16	21.70	26	14.93
May 9	19.30	Apr. 1	18.18	23	20.76	30	18.04
15	19.56	8	17.89	28	21.62	Nov. 8	17.74
31	19.79	17	18.05	Feb. 7	19.73	11	18.18
June 9	20.10	24	18.18	13	18.25	13	18.30
17	19.11	30	18.36	19	20.10	20	18.32
30	19.45	May 8	18.47	26	19.71	Dec. 4	18.35
July 10	19.85	13	18.54	Mar. 5	18.81	11	17.70
17	20.14	22	18.76	13	18.94	18	18.40
28	20.52	29	19.02	19	18.70	26	17.87
Aug. 5	20.51	June 5	19.10	27	19.05	Jan. 3, 1972	18.04
14	20.02	13	17.73	30	18.71	15	18.17
21	20.25	19	19.30	Apr. 3	19.04	8	17.40
27	20.37	27	18.83	9	19.12	22	17.40
Sept. 4	20.67	July 3	18.90	16	19.16	Feb. 8	17.14
10	20.91	10	19.32	24	19.17	14	16.60
17	20.86	17	19.82	May 1	19.23	21	17.00
Oct. 1	21.19	24	19.67	8	19.44	27	17.00
15	20.61	31	19.95	15	17.68	Mar. 4	16.64
22	20.13	Aug. 7	18.78	22	17.50	11	16.88
29	20.28	14	18.46	29	17.21	18	16.93
Nov. 6	20.49	22	16.91	June 5	18.20	27	16.87
13	20.65	29	18.88	12	18.21	1	16.66
20	20.85	Sept. 4	19.98	19	18.10	8	16.80
26	21.11	11	19.35	26	18.00	15	16.75
	21.27	18	19.77	July 3	18.43	22	16.75

355339080332601--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 29, 1972	17.20	Oct. 2, 1972	20.09	Mar. 10, 1973	15.09	Aug. 4, 1973	16.86
May 8	12.60		20.13	18	14.08	11	17.10
13	16.78	7	20.38	24	15.26	18	17.38
20	15.44	21	20.59	1	12.47	25	16.63
27	16.24	28	18.75	7	14.71	Sept. 1	17.85
June 3	16.56	Nov. 4	20.85	14	14.95	8	17.88
10	16.83	11	20.70	21	15.24	22	18.52
17	17.20	18	20.02	28	14.91	29	18.70
24	15.30	25	20.02	May 5	15.32	Oct. 6	18.91
July 1	15.27	Dec. 2	19.74	12	15.53	13	19.09
8	16.69	9	19.60	19	15.80	20	19.25
15	17.02	16	16.54	26	16.07	27	19.43
22	17.57	25	16.59	3	15.86	Nov. 3	19.60
29	17.63	30	18.21	June 3	16.14	10	19.80
Aug. 5	17.97	Jan. 6, 1973	18.11	16	16.20	17	19.94
12	18.25	20	17.80	23	16.53	24	20.07
19	18.22	27	16.56	30	16.44	Dec. 1	20.21
Sept. 2	19.08	Feb. 3	15.28	July 7	16.91	8	20.30
9	19.30	19	16.54	14	17.10	15	20.16
16	19.56	24	16.65	21	17.06	28	19.16
23	19.85	Mar. 4	14.31	28	17.20		

Duplin County

350030078060001. Local number NC-69. Old City Well. Warsaw. Drilled unused water-table well in Black Creek Formation of Late Cretaceous age; diam 10 in (25 cm), previously reported 8 in (20 cm); depth 102 ft (31 m), previously reported 103 ft (31 m); cased to 102 ft (31 m), previously reported 103 ft (31 m). Lsd 145 ft (44 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 43.69 ft (13.32 m) below lsd, Feb. 23, 1967; lowest 49.89 ft (15.21 m) below lsd, Aug. 23, 1968. Records available: 1963-64, 1967-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	45.85	45.78	45.51	44.96	45.38	45.99	45.25	46.06	46.16	45.23	44.99	45.02
10	46.06	45.71	45.35	44.98	45.49	45.73	46.25	45.23	46.07	45.84	45.15	45.11
15	45.95	45.80	45.50	44.96	46.02	45.09	46.21	45.87	45.70	46.05	45.27	44.86
20	45.74	45.68	45.34	44.87	45.61	46.31	45.57	45.99	45.68	45.81	45.37	44.97
25	45.72	45.63	45.16	44.87	45.07	46.24	46.44	45.59	46.13	45.29	45.17	45.08
Eom	45.68	45.63	45.29	45.08	45.52	45.22	46.30	45.43	45.96	45.22	45.06	44.87
1970												
5	44.93	.....	.....	44.24	44.44	46.28	45.58	46.73	48.41	45.78	45.67	45.61
10	44.93	.....	.....	44.95	44.54	46.09	45.24	46.16	46.68	46.50	45.85	45.56
15	45.18	.....	.....	44.60	45.96	45.93	46.31	46.26	46.88	47.04	45.65	45.56
20	44.88	.....	44.49	44.88	45.71	46.54	46.10	46.72	45.96	46.05	45.57	45.50
25	45.16	.....	44.52	45.48	45.54	46.52	46.29	46.57	46.94	45.96	45.64	45.63
Eom	.....	.....	44.46	45.44	44.96	46.18	46.48	46.43	45.85	46.13	45.62	45.54
1971												
5	45.89	.....	44.97	44.58	44.54	45.33	45.22	46.91	45.55	.....	.....	.....
10	45.53	.....	44.86	44.98	44.64	46.13	45.25	46.68	46.10	.....	.....	.....
15	45.40	.....	44.78	44.73	44.84	46.15	46.78	45.88	.....	46.42	.....	.....
20	45.48	.....	44.75	45.13	45.50	45.28	46.51	46.54	.....	46.36	.....	.....
25	45.34	.....	44.67	44.74	45.52	46.54	45.81	46.51	.....	46.02	.....	.....
Eom	45.31	45.18	44.57	44.65	44.90	46.52	47.42	46.12	.....	45.70	.....	.....
1972												
5	45.86	45.36	45.19	45.47	46.61	45.99	46.07	.....	46.74	46.43	45.65	.....
10	45.79	45.41	45.14	45.32	46.13	46.23	46.56	.....	46.42	45.80	46.08	.....
15	45.74	45.11	45.62	45.59	45.87	46.78	.....	.....	47.33	45.54	46.09	.....
20	45.66	45.20	45.29	46.02	45.78	46.95	.....	.....	47.27	45.82	45.33	.....
25	45.78	45.13	45.31	45.86	45.98	46.12	47.05	.....	46.17	46.31	45.42	.....
Eom	45.34	45.57	45.69	45.78	46.13	47.01	46.70	.....	45.95	46.11	.....	.....
1973												
5	.....	.....	.....	45.23	45.75	46.61	45.25	45.02	47.59	.....	.....	46.50
10	.....	.....	.....	45.22	46.64	45.60	45.56	47.05	47.12	.....	.....	46.07
15	.....	.....	.....	44.97	46.46	46.54	44.52	46.02	46.54	.....	.....	46.07
20	45.03	.....	45.05	45.86	45.33	46.77	45.46	45.80	46.47	.....	46.03	45.97
25	44.86	.....	44.67	45.84	46.69	46.23	45.82	47.16	46.57	.....	46.11	45.89
Eom	44.84	.....	44.79	44.94	46.43	45.65	45.88	47.64	46.04	.....	46.68	45.94

Edgecombe County

355845077264501 (revised). Local number NC-72. Melvin Howell. Formerly John Lane. Speed. Drilled unused (previously reported domestic) artesian well in sand of Tuscaloosa Formation of Late Cretaceous age, diam 4 in (10 cm), depth 94 ft (29 m), drilled to 100 ft (30 m), cased to 95 ft (29 m). Lsd 54.51 ft (16.61 m) above msl. MP top of casing, 1.90 ft (0.58 m) above lsd (since Feb. 2, 1972). Highest water level, 0.17 ft (0.05 m) below lsd, Sept. 27, 1955; lowest 12.18 ft (3.71 m) below lsd, June 11, 1953. Records available: 1946-65, 1967-73.



355845077264501--Continued.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	3.37	2.89	3.10	3.08	....	....	....	2.89	3.02	3.95
10	....	....	3.17	2.99	3.15	3.15	....	....	3.21	2.91	3.04	3.06
15	....	....	3.19	3.15	6.56	3.09	....	....	3.47	2.91	3.06	2.99
20	....	....	3.15	2.98	3.37	2.92	....	....	3.43	3.05	3.08	2.93
25	....	....	2.98	3.00	3.25	....	....	....	3.11	3.15	2.09	2.90
Eom	....	3.56	2.95	3.03	3.09	....	....	....	3.13	3.22	3.05	2.79
1970												
5	2.81	2.58	2.53	2.37	2.54	3.25	3.43	4.63	4.03	5.06	4.78	4.02
10	2.72	2.45	2.53	2.41	2.64	3.40	3.27	3.57	4.16	5.14	4.76	4.08
15	2.75	2.55	2.57	2.40	2.90	3.63	3.25	3.52	4.73	5.20	4.44	4.05
20	2.70	2.50	2.55	2.42	2.99	3.77	3.45	3.54	5.01	5.31	4.26	3.94
25	2.72	2.44	2.51	2.57	3.15	3.75	3.31	3.63	4.96	5.05	4.17	3.76
Eom	2.75	2.46	2.44	2.51	3.11	3.60	3.23	3.83	4.90	5.01	4.10	3.64
1971												
5	3.55	2.86	2.45	2.68	2.94	3.50	4.02	4.44	4.60	3.59	....	e3.22
10	3.32	2.71	2.54	2.82	2.99	3.53	4.02	4.64	4.55	e3.40	....	e3.30
15	3.20	2.64	2.65	2.64	3.00	3.62	4.14	4.71	4.23	e3.26	e3.13	....
20	3.13	2.68	2.63	2.68	2.98	3.67	4.35	4.79	4.24	....	....	....
25	3.08	2.62	2.75	2.69	3.25	3.75	4.41	4.89	4.24	e3.00	e3.23	....
Eom	2.95	2.65	2.68	2.78	3.22	3.99	4.52	4.59	4.13	....	e3.24	....
1972												
5	....	3.47	....	3.42	....	3.69	4.71	5.12	5.76	6.04	6.55	5.84
10	....	....	....	3.49	3.82	3.87	4.92	5.17	5.65	6.34	6.42	5.74
15	....	....	....	....	3.91	4.10	4.88	5.28	5.69	6.40	6.33	5.50
20	....	....	....	....	3.67	4.22	4.96	5.45	5.79	6.44	6.24	5.36
25	3.37	....	....	....	3.55	4.25	5.05	5.56	6.31	6.41	6.16	5.19
Eom	3.50	....	....	....	3.65	4.37	5.06	5.76	6.04	6.52	5.98	5.01
1973												
5	4.83	4.28	3.90	3.87	4.12	4.97	5.28	6.27	6.18	6.88	7.48	7.63
10	5.39	4.12	3.87	3.82	4.27	5.15	5.50	6.44	6.25	7.03	7.46	7.45
15	5.36	4.06	4.66	3.97	4.60	5.22	5.91	6.38	6.35	7.12	....	7.32
20	5.21	4.11	4.41	4.12	4.64	5.31	5.86	5.38	6.52	7.26	7.57	7.10
25	5.00	4.12	4.18	4.23	4.74	5.29	6.08	6.11	6.71	7.35	7.61	6.92
Eom	4.57	3.98	4.09	4.17	4.82	5.13	6.31	6.09	6.83	7.33	7.59	6.51

e Estimated.

Gates County

362044076362301. Local number NC-30. Mrs. T. W. Blanchard. Hobbsville. Drilled unused artesian well in the Black Creek Formation of Late Cretaceous age (previously reported Beaufort Formation of Paleocene age), diam 4 in (10 cm), depth 494 ft (151 m), cased to 494 ft (151 m). Lsd 38.16 ft (11.63 m) above msal. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 18.40 ft (5.61 m) below lsd, Mar. 8, 1962; lowest 21.70 ft (6.61 m) below lsd, Nov. 13, 1973. Records available: 1961-73. Recording gage removed February 1970.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.37	20.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	20.30	20.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	20.30		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	20.16		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	20.13		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	20.17		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 16, 1970	20.42	Mar. 2, 1971	20.65	Mar. 29, 1972	20.90	Feb. 14, 1973	21.09
Mar. 9	20.34	Apr. 13	20.68	May 11	21.06	Mar. 28	21.18
Apr. 6	20.41	June 30	21.06	June 20	20.97	May 15	21.15
July 14	20.64	Aug. 11	21.09	Aug. 4	21.06	June 21	21.42
Sept. 10	20.86	Oct. 6	20.73	Sept. 19	21.21	Aug. 3	21.49
Oct. 14	20.97	Nov. 2	20.73	October	21.20	Oct. 11	20.63
Dec. 3	20.89	Jan. 5, 1972	21.01	Jan. 17, 1973	21.10	Nov. 13	21.70
Jan. 13, 1971	20.77	Feb. 17	20.81				

362751076484701. Local number NC-54. Town of Roduco. Drilled unused artesian well in Beaufort Formation of Paleocene age, diam 4 in (10 cm), depth 231 ft (70 m), cased to 217 ft (66 m). Lsd 37.30 ft (11.37 m) above msal. MP top of recorder shelf, 1.80 ft (0.55 m) above lsd. Highest water level 12.84 ft (3.91 m) below lsd, Mar. 5, 1966; lowest 15.90 ft (4.85 m) below lsd, Aug. 19, 20, 1971. Records available: 1965-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.61	13.50	13.53	13.78	13.94	14.09	14.03	13.97	14.28	14.02	14.06	14.11
10	13.62	13.49	13.44	13.86	13.90	14.14	13.95	13.98	14.21	13.98	14.07	13.94
15	13.65	13.53	13.58	13.90	14.05	14.01	14.02	14.11	14.29	14.17	14.06	14.03
20	13.53	13.57	13.58	13.90	13.95	13.89	14.66	14.05	14.13	14.30	14.03	14.03
25	13.51	13.52	13.50	13.90	13.95	13.97	14.37	14.05	14.00	14.36	14.14	14.07
Eom	13.57	13.55	13.80	13.88	14.06	14.09	14.21	14.18	14.10	14.34	14.09	13.98

362751076484701--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.14	14.02	13.85	14.01	14.37	14.76	14.29	14.44	14.42	.....	14.56	14.35
10	13.99	13.84	13.96	14.21	14.49	14.89	14.33	14.37	.....	.....	14.57	14.40
15	14.20	13.97	13.93	14.21	14.55	14.93	14.39	14.50	.....	14.47	14.35	14.39
20	14.14	13.91	13.85	14.33	14.62	15.15	14.49	14.50	.....	14.64	14.34	14.27
25	14.15	13.92	13.83	14.38	14.76	15.14	14.43	14.40	.....	14.86	14.36	14.20
Eom	13.93	13.95	13.75	14.41	14.79	14.94	14.33	14.54	.....	15.05	14.47	14.18
1971												
5	14.03	14.00	14.24	14.50	14.70	14.67	14.91	14.98	15.08	14.72	14.71	14.63
10	14.03	14.04	14.31	14.47	14.69	14.68	14.89	14.99	15.12	14.65	14.73	14.59
15	14.00	14.05	14.33	14.53	14.70	14.69	14.77	15.08	14.96	14.70	14.68	14.61
20	14.06	14.17	14.33	14.64	14.61	14.71	14.77	15.74	14.96	14.68	14.72	14.55
25	14.03	14.16	14.36	14.60	14.70	14.68	14.91	15.37	15.01	14.59	14.73	14.70
Eom	14.04	14.20	14.36	14.77	14.51	14.92	14.93	15.01	14.91	14.69	14.61	14.66
1972												
5	14.56	14.29	14.50	14.47	14.49	14.56	14.66	14.77	14.93	15.11	15.08	14.72
10	14.57	14.33	14.56	14.51	14.50	14.57	14.74	14.78	14.89	14.86	14.90	14.72
15	14.54	14.78	14.69	14.49	14.57	14.57	14.69	14.78	14.94	14.92	14.80	14.68
20	14.62	14.34	14.59	14.51	14.56	14.64	14.78	14.81	15.11	14.85	14.77	14.65
25	14.52	14.51	14.46	14.48	14.54	14.58	14.93	14.89	15.12	14.86	14.71	14.68
Eom	14.45	14.50	14.46	14.48	14.55	14.62	14.76	14.94	15.08	14.85	14.67	14.73
1973												
5	14.68	14.75	14.81	14.58	14.65	14.73	14.88	14.79	14.74	14.82	15.13	15.09
10	14.69	14.81	14.74	14.61	14.68	14.97	14.94	14.76	14.76	14.79	15.17	14.97
15	14.76	14.74	14.74	14.59	14.73	15.08	15.00	14.77	14.85	15.06	15.09	15.03
20	14.72	14.82	14.72	14.71	14.74	15.00	14.97	14.73	14.87	15.11	15.16	15.01
25	14.72	14.82	14.72	14.76	14.67	14.97	14.92	14.76	14.99	15.08	15.20	15.17
Eom	14.64	14.84	14.78	14.66	14.59	14.91	14.89	14.72	14.93	14.99	15.24	14.86

Haywood County

352315084484401. 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 (30 cm), depth 19 ft (6 m), cased to 19 ft (6 m). Lsd 3,148.26 ft (959.59 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 1.40 ft (0.43 m) below lsd, June 20, 1972; lowest 6.27 ft (1.91 m) below lsd, Nov. 1, 1963. Records available: 1955-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.99	4.14	3.99	3.72	3.85	4.21	4.48	4.50	4.53	4.13	3.97	4.22
10	5.01	4.07	3.93	3.70	3.89	4.22	4.55	4.73	4.55	4.37	4.16	3.88
15	5.02	4.11	4.06	3.51	3.99	3.89	4.61	4.81	4.62	4.44	4.21	4.08
20	3.97	4.01	3.65	3.45	3.74	4.29	4.66	4.03	4.45	4.48	3.93	4.18
25	4.45	3.93	3.60	3.69	4.03	4.41	4.15	4.15	4.41	4.49	4.12	4.20
Eom	4.44	3.92	3.77	3.80	4.15	4.52	4.58	4.56	4.60	4.49	4.15	3.88
1970												
5	4.06	3.89	4.06	4.02	4.28	3.69	4.75	4.87	5.16	5.46	4.55	4.28
10	4.11	4.05	4.16	4.15	4.36	4.25	4.85	4.92	5.12	4.74	4.46	4.28
15	4.16	4.07	4.12	4.18	4.39	4.48	4.85	4.29	5.22	4.74	4.41	4.31
20	4.10	4.02	4.03	4.13	4.46	4.43	4.93	4.76	5.27	4.98	4.45	4.28
25	4.16	4.07	4.07	4.20	4.50	4.57	4.33	4.74	5.32	4.90	4.42	4.09
Eom	4.10	4.05	4.16	4.24	4.22	4.66	4.68	5.04	5.36	3.95	4.35	....
1971												
5	3.83	3.99	3.62	3.86	4.17	4.41	4.65	4.61	5.37	5.52	4.66	4.95
10	4.30	4.14	3.58	3.89	4.21	4.45	4.52	4.87	5.42	5.54	5.06	4.13
15	4.38	4.07	3.54	3.98	4.02	4.47	4.67	5.00	5.43	5.52	5.23	4.37
20	4.43	4.04	3.56	4.04	4.17	4.38	4.51	5.13	5.06	5.30	5.28	4.06
25	4.08	3.84	3.71	4.03	4.30	4.55	4.84	5.21	5.30	4.51	5.05	3.95
Eom	4.28	3.82	3.74	4.11	4.32	4.60	4.90	5.32	5.43	5.02	4.92	3.96
1972												
5	3.80	3.90	4.18	4.33	4.16	4.11	3.35	3.94	4.51	4.45	4.99	4.94
10	3.74	4.00	4.24	4.33	4.24	4.04	3.45	4.04	4.63	4.84	4.78	4.81
15	3.66	3.92	4.31	4.21	3.88	4.13	3.58	4.16	4.71	4.96	4.43	4.05
20	3.88	4.06	4.35	4.33	4.04	2.64	3.64	4.31	4.75	4.97	4.40	4.59
25	3.88	4.11	4.36	4.36	4.03	3.46	3.46	4.39	4.85	5.06	4.82	4.23
Eom	3.89	4.15	4.28	4.39	4.06	3.34	3.73	4.47	4.76	4.79	4.82	4.32
1973												
5	3.95	3.49	3.41	3.16	3.79	3.49	4.07	4.53	....	5.13	5.53	4.27
10	4.03	3.32	3.58	3.26	3.58	3.41	4.18	4.62	....	5.29	5.59	5.07
15	4.00	3.13	3.53	3.51	3.79	3.37	4.26	....	....	5.39	5.64	5.32
20	4.04	3.42	2.59	3.54	3.89	3.63	4.35	5.06	....	5.48	5.68	4.96
25	3.93	3.56	2.45	3.58	3.93	3.83	4.37	....	....	5.52	5.10	5.05
Eom	3.87	3.64	2.82	3.64	3.45	3.93	4.42	....	....	5.51	4.74	3.90

352419082541601. 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 (30 cm), depth 24 ft (7 m), cased to 24 ft (7 m). Lsd 3,080 ft (939 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 8.00 ft (2.44 m) below lsd, Mar. 18, 1973; lowest 14.08 ft (4.29 m) below lsd, Nov. 20, 1973. Records available: 1955-73.

352419082541601--Continued.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.81	10.87	12.21	11.53	12.15	.....	12.83	13.04	13.18	13.22	13.54	13.82
10	12.98	11.39	12.12	11.75	12.25	.....	12.88	13.14	13.26	13.34	13.63	13.44
15	13.15	11.68	12.14	11.89	12.38	.....	12.95	13.22	13.34	13.42	13.67	13.30
20	12.95	11.99	11.32	11.87	12.46	.....	13.03	13.18	13.42	13.49	13.61	13.36
25	12.62	12.09	10.32	11.94	12.55	.....	13.00	12.97	13.39	13.54	13.70	13.41
Eom	12.51	12.12	11.12	12.03	12.66	.....	13.09	13.11	13.48	13.62	13.76	12.97

1970

5	12.77	12.45	12.62	11.99	12.69	13.10	13.64	13.58	.....	13.98	13.52	13.60
10	12.85	12.37	12.70	12.06	12.78	13.20	13.70	13.68	.....	14.02	13.59	13.70
15	12.98	12.48	12.75	12.26	12.87	13.27	13.81	13.56	.....	13.83	13.52	13.77
20	12.98	12.42	12.76	12.36	12.96	13.35	13.88	13.59	.....	13.91	13.51	13.79
25	13.11	12.46	12.58	12.49	13.05	13.45	13.82	13.66	.....	13.84	13.44	13.33
Eom	13.00	12.56	12.63	12.60	13.15	13.55	13.46	13.77	.....	13.54	13.52	.....

1971

5	.....	12.01	11.33	11.61	12.23	12.58	12.96	13.02	13.49	13.83	13.18	13.58
10	.....	11.63	.....	11.62	12.30	12.67	13.03	13.06	13.54	13.92	13.25	12.35
15	.....	11.74	.....	11.75	12.25	12.76	13.08	13.16	13.66	14.00	13.39	12.37
20	.....	11.81	.....	11.90	12.16	12.68	12.99	13.25	13.63	14.06	13.46	12.46
25	.....	11.93	11.57	12.03	12.29	12.77	13.10	13.34	13.72	13.30	13.53	12.46
Eom	.....	11.25	11.56	12.13	12.45	12.87	13.17	13.43	13.79	13.38	13.55	12.62

1972

5	12.37	12.14	12.10	11.97	12.22	12.49	11.83	12.44	12.90	13.16	13.02	12.55
10	12.02	12.21	12.11	12.00	12.32	12.64	12.03	12.47	13.01	13.15	12.90	12.58
15	10.81	12.15	12.16	11.58	12.37	12.76	12.17	12.48	13.08	13.26	12.80	12.33
20	11.48	12.25	12.26	11.73	12.41	12.35	12.27	12.59	13.16	13.29	12.71	11.83
25	11.89	12.20	11.98	11.94	12.25	10.96	12.30	12.70	13.24	13.30	12.66	11.70
Eom	12.10	12.17	11.95	12.11	12.37	11.56	12.38	12.82	13.23	12.50	12.54	11.96

1973

5	11.97	10.34	11.66	11.18	11.65	11.39	12.20	12.51	13.01	13.46	13.89	13.46
10	12.05	10.69	11.50	11.11	11.59	11.63	12.30	12.57	13.09	13.52	13.94	13.25
15	12.18	10.96	11.12	11.32	11.69	11.80	12.40	12.66	13.16	13.60	14.00	13.32
20	12.13	11.17	9.51	11.47	11.81	11.87	12.47	12.73	13.25	13.68	14.08	13.33
25	11.05	11.46	10.42	11.56	11.94	11.98	12.41	12.82	13.34	13.76	13.91	12.98
Eom	11.34	11.58	10.93	11.56	10.88	12.09	12.45	12.93	13.40	13.83	13.52	11.30

352508082552501. 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 (61 cm); depth 22 ft (7 m), previously reported 23 ft (7 m); cased to 22 ft (7 m), previously reported 23 ft (7 m). Lsd 3,040.3 ft (926.7 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.66 ft (2.33 m) below lsd, Mar. 13, 1963; lowest 18.63 ft (5.68 m) below lsd, Jan. 20-25, 1956. Records available: 1955-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.22	11.90	13.55	12.12	13.37	14.64	15.23	15.96	16.14	16.46	16.70	16.90
10	16.19	11.96	13.67	12.47	13.58	14.81	15.35	16.04	16.25	16.39	16.75	16.85
15	16.17	12.28	13.87	12.77	13.87	14.87	15.47	16.15	16.36	16.44	16.79	16.72
20	16.05	12.72	12.49	12.94	14.08	14.96	15.62	16.20	16.45	16.55	16.85	16.66
25	15.65	13.06	11.60	13.08	14.26	15.05	15.73	15.81	16.47	16.63	16.89	16.62
Eom	15.09	13.23	11.82	13.19	14.47	15.15	15.88	15.95	16.55	16.70	16.90	16.43

1970

5	15.79	14.66	13.89	13.36	14.00	15.12	16.00	16.62	17.01	17.32	17.15	17.20
10	15.63	14.13	14.04	12.99	14.18	15.28	16.15	16.70	17.07	17.42	17.21	17.29
15	15.46	13.91	14.19	13.05	14.37	15.44	16.31	16.73	17.15	17.33	17.12	17.30
20	15.35	13.82	14.32	13.24	14.57	15.56	16.42	16.80	17.27	17.40	17.13	17.30
25	15.39	13.71	14.32	13.55	14.74	15.71	16.48	16.86	17.24	17.34	17.09	17.13
Eom	15.43	13.85	14.29	13.81	15.00	15.88	16.54	16.95	17.21	17.29	17.12	16.88

1971

5	16.90	14.19	11.82	12.27	13.47	13.96	15.13	15.78	16.18	16.69	16.50	16.64
10	16.51	12.57	11.90	12.31	13.64	14.17	15.28	15.68	16.26	16.73	16.43	15.01
15	16.51	12.48	12.16	12.44	13.78	14.37	15.41	15.70	16.35	16.79	16.51	14.81
20	16.47	12.59	12.25	12.65	13.71	14.57	15.56	15.82	16.44	16.85	16.54	14.58
25	15.85	11.68	12.38	12.95	13.68	14.78	15.64	15.91	16.53	16.61	16.60	14.36
Eom	.....	11.86	12.16	13.22	13.77	14.97	15.73	16.06	16.61	16.51	16.59	14.28

1972

5	14.19	13.07	13.48	12.92	12.92	13.16	12.14	14.02	14.90	15.86	15.85	14.80
10	13.56	13.28	13.43	12.84	13.14	13.40	12.52	14.21	15.10	15.94	15.78	14.61
15	11.31	13.37	13.37	12.14	13.25	13.70	12.83	14.30	15.28	15.99	15.66	14.13
20	11.77	13.51	13.53	12.14	13.36	13.16	13.14	14.42	15.46	16.00	15.52	12.73
25	12.30	13.50	13.30	12.34	13.11	11.69	13.40	14.54	15.64	16.00	15.28	12.41
Eom	12.74	13.53	13.15	12.64	13.04	11.74	13.78	14.73	15.73	15.93	15.05	12.58

1973

5	12.81	11.03	12.41	11.92	13.00	12.54	13.97	15.02	15.81	16.38	16.82	16.97
10	12.95	11.04	12.30	11.98	13.04	12.60	14.18	15.13	15.93	16.45	16.89	16.76
15	13.10	11.31	11.97	12.22	13.07	12.85	14.39	15.24	16.03	16.53	16.94	16.75
20	13.24	11.65	9.62	12.36	13.07	13.16	14.60	15.35	16.12	16.61	16.99	16.70
25	12.01	11.97	10.72	12.54	13.19	13.47	14.76	15.50	16.24	16.69	16.99	16.48
Eom	11.98	12.16	11.49	12.82	12.52	13.75	14.89	15.67	16.33	16.76	16.97	14.04

Hertford County

362642077051501. Local number NC-81. Town of Murfreesboro. Murfreesboro. Drilled public-supply (standby) artesian well in Black Creek Formation of Late Cretaceous age, diam 3 in (7.6 cm), depth 215 ft (66 m), cased to 215 ft (66 m). Lsd 10 ft (3 m) above msl. MP top of casing, 4.89 ft (1.49 m) above lsd (since Jan. 9, 1970). Highest water level 6.26 ft (1.91 m) above lsd, Apr. 8, 1964 (revised); lowest 1.12 ft (0.34 m) below lsd, Sept. 25, 1971. Records available: 1964-73.

Mean water level for the day, above and below lsd, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	+2.17	+2.18	+2.20	+1.87	+1.74	+1.22	....	....	....	....	....
10	+2.11	2.21	2.34	2.17	1.78	1.63	....	....	....	....	....	....
15	2.02	2.14	2.25	2.09	1.66	1.70	....	....	....	....	....	....
20	2.10	2.11	2.28	2.10	1.90	1.81	....	....	....	....	....	....
25	2.08	2.20	2.33	2.03	1.93	1.72	....	....	....	....	....	....
Eom	2.05	2.13	2.05	1.93	1.82	1.58	....	....	....	....	....	....

1970

5	....	....	....	+1.12	....	+0.45	....	-0.59	-0.70	+0.29	+0.72	....
10	+1.00	....	....	1.00	....	.30	.44	....	.55	.82	.42	.74
15	....	....	....	.90	....	+1.18	.45	....	.66	.80	.65	.72
20	....	....	....	.93	....	-.11	+3.37	....	.79	.73	.69	.84
25	....	....	....	....	....	+2.22	....	....	.97	.64	.63	.98
Eom	....	....	+1.02	....	+0.52	.37	....	....	.74	-.11	.69	.88

1971

5	+1.01	+1.15	+1.16	0.00	-0.48	+0.45	-0.58	-0.08	-0.15	h-0.79	....	....
10	1.07	1.09	.70	-.07	.55	-.17	.64	.09	.16	....	....	....
15	1.00	1.28	.39	.17	.55	.20	.19	.19	.44	....	....	....
20	.93	1.16	.13	.27	.33	.24	.10	.18	.81	....	....	....
25	1.00	1.12	.18	.35	-.24	.37	.06	.23	1.08	....	....	....
Eom	1.10	1.13	+.10	.47	+.41	.47	.05	.07	....	....	....	....

1972

5	....	....	....	....	....	....	+3.83	+3.80	....	+3.71	+3.67	+3.88
10	-0.46	....	....	....	....	....	3.77	3.78	....	3.73	3.80	3.90
15	.82	....	....	....	....	....	+3.65	3.89	3.75	....	4.07	3.87
20	....	....	....	....	....	....	3.80	3.80	3.72	+3.55	3.56	4.00
25	h-0.93	....	....	....	....	....	3.82	3.82	....	3.61	3.74	3.99
Eom	....	....	....	....	....	....	4.21	3.83	....	3.74	3.70	3.94

1973

5	....	+4.08	+4.07	+3.94	+3.84	....	+3.67	+3.61	+3.44	+3.20	+3.03	+3.00
10	....	4.39	4.07	3.92	3.73	....	....	3.57	3.39	3.14	3.03	3.00
15	....	4.05	4.29	3.83	....	....	....	3.52	3.39	3.08	3.00	3.00
20	+4.01	3.93	....	3.77	....	....	....	3.65	3.33	3.04	2.98	3.03
25	3.96	4.01	....	3.79	....	+3.65	....	3.70	3.24	3.04	2.97	3.03
Eom	3.98	4.01	3.92	3.79	....	3.72	....	3.45	3.25	3.04	3.02	3.03

h Tape measurement.

362351076555401. Local number NC-82. Town of Winton. Drilled unused artesian well in sand of Black Creek Formation of Late Cretaceous age, diam 8 in (20 cm), depth 283 ft (86 m), drilled to 291 ft (89 m), cased to 237 ft (72 m). Lsd 41.70 ft (12.71 m) above msl. MP top of instrument shelf, 0.70 ft (0.21 m) above lsd. Highest water level 27.58 ft (8.41 m) below lsd, Sept. 17, 1967; lowest 30.35 ft (9.25 m) below lsd, Mar. 18, 1973. Records available: 1966-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.08	28.51	28.41	28.34	28.35	28.42	28.38	28.32	....	28.50	28.51	28.62
10	28.61	28.61	28.36	28.34	28.32	28.44	28.38	28.33	....	28.48	28.56	28.52
15	28.69	28.53	28.42	28.39	28.40	28.38	28.40	28.37	....	28.51	28.56	28.56
20	28.52	28.60	28.35	28.30	28.32	28.36	28.42	....	....	28.47	28.58	28.53
25	28.48	28.46	28.30	28.32	28.36	28.39	28.39	....	28.47	28.55	28.61	28.49
Eom	28.54	28.47	28.41	28.38	28.40	28.42	28.34	....	28.52	28.53	28.58	28.46

1970

5	28.97	28.89	28.81	28.72	28.71	28.74	28.80	28.85	28.92	29.00	28.80	28.74
10	29.00	28.82	28.80	28.70	28.67	28.82	28.80	28.82	28.94	28.89	28.79	28.80
15	28.97	28.87	28.85	28.75	28.72	28.82	28.82	28.85	28.95	28.88	28.65	28.84
20	28.96	28.84	28.81	28.67	28.70	28.82	28.84	28.86	28.99	28.91	28.68	28.83
25	28.94	28.84	28.78	28.69	28.70	28.81	28.83	28.87	28.99	28.89	28.78	28.86
Eom	28.96	28.87	28.79	28.71	28.73	28.83	28.82	28.90	28.99	28.74	28.63	28.90

1971

5	28.95	28.95	28.89	28.79	28.80	28.85	28.96	29.00	29.03	28.92	28.86	28.94
10	28.99	28.95	28.89	28.75	28.97	28.89	28.90	28.98	29.06	28.84	28.86	28.86
15	28.99	28.88	28.85	28.78	28.87	28.87	28.90	29.04	29.06	28.93	28.87	28.89
20	29.05	28.86	28.90	28.76	h28.85	28.85	28.91	29.02	29.11	28.91	28.81	28.87
25	29.01	28.85	28.89	28.75	28.82	28.86	28.94	29.04	29.14	28.78	28.91	28.90
Eom	28.99	28.81	28.82	28.78	28.85	28.90	28.95	29.03	29.07	28.80	28.88	28.89

1972

5	28.85	28.92	28.81	28.67	28.79	28.72	28.84	28.88	28.91	28.98	29.07	28.99
10	28.81	28.94	....	28.80	28.80	28.71	28.87	28.89	29.02	29.02	29.03	28.97
15	28.89	28.77	....	28.61	28.69	28.78	28.80	28.81	29.02	28.97	29.00	29.01
20	28.84	28.98	....	28.66	28.75	28.75	28.86	28.93	29.09	29.19	28.96	28.99
25	28.80	28.79	....	28.73	28.74	28.78	28.88	28.94	28.99	29.01	29.03	28.92
Eom	28.89	28.70	28.72	28.62	28.66	28.76	28.86	29.00	28.95	29.06	29.02	28.87

1973

5	28.97	28.97	30.14	29.07	29.01	....	29.07	29.07	29.00	29.58	29.34	29.24
10	29.12	29.12	29.71	29.06	28.94	....	29.10	29.06	29.03	30.01	29.43	29.22
15	29.28	28.96	29.59	29.14	29.04	....	29.11	29.06	29.02	29.58	29.26	29.13
20	29.02	29.42	29.96	29.03	29.00	....	29.14	29.01	29.10	29.50	29.29	29.12
25	29.07	29.66	29.37	28.99	28.97	29.10	29.20	29.00	29.11	29.43	29.26	....
Eom	29.12	30.10	29.12	29.01	....	29.07	29.15	28.95	29.11	29.28	29.34	....

h Tape measurement.

Hoke County

350340079212501. Local number NC-35. North Carolina Tuberculosis Sanitarium. McCain. Drilled unused artesian well in Tuscaloosa Formation of Late Cretaceous age, diam 24 in (61 cm), depth 309 ft (94 m), cased to 309 ft (94 m), gravel-walled. Lsd 355 ft (108 m) above msl. MP top of casing (previously reported top of recorder shelf), 1.40 ft (0.43 m) above lsd. Highest water level 1.60 ft (0.49 m) below lsd, May 7, 1973; lowest 8.27 ft (2.52 m) below lsd, Oct. 14, 1968. Records available: 1965-73. Recording gage removed Feb. 25, 1969.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	7.60	....	....	....	....	....	....	....	....	....	....
10	7.82	7.55	....	....	....	....	....	....	....	....	....	....
15	7.77	7.50	....	....	....	....	....	....	....	....	....	....
20	7.71	7.31	....	....	....	....	....	....	....	....	....	....
25	7.69	....	....	....	....	....	....	....	....	....	....	....
Eom	7.66	....	....	....	....	....	....	....	....	....	....	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1969	6.19	July 17, 1970	7.21	Sept. 8, 1971	6.35	Oct. 2, 1972	6.00
Apr. 30	5.76	Aug. 28	6.66	Oct. 8	6.82	Nov. 13	7.12
June 5	6.58	Oct. 7	7.04	Nov. 9	6.52	Jan. 3, 1973	4.51
July 15	6.44	Nov. 18	6.80	Jan. 7, 1972	6.63	Feb. 13	2.59
Aug. 26	5.95	Jan. 13, 1971	7.19	Feb. 22	5.42	Mar. 26	2.11
Nov. 21	6.94	Feb. 19	5.93	Apr. 7	5.30	May 7	1.60
Dec. 30	6.97	Mar. 30	6.96	May 8	6.04	Aug. 7	2.84
Feb. 11, 1970	6.81	May 11	6.01	June 12	5.47	Sept. 18	3.62
Mar. 23	6.60	June 15	6.34	Aug. 15	5.56	Oct. 5	3.94
May 5	6.45	July 28	6.34	Aug. 29	6.06	Nov. 12	4.31
June 4	6.87						

Jones County

350103077150601. Local number NC-73. Oak Grove Marine Air Station. Near Pollocksville. Driven unused water-table well in Castle Hayne Limestone Formation of middle and late Eocene age, diam 8 in (20 cm), depth 18 ft (5 m), cased to 18 ft (5 m). Lsd 11.31 ft (3.45 m) above msl. MP top of instrument shelf, 3.40 ft (1.04 m) above lsd. Highest water level 4.40 ft (1.34 m) below lsd, Nov. 5, 1971; lowest 10.12 ft (3.08 m) below lsd, Jan. 19, 20, 1969. Records available: 1967-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.00	9.85	9.08	8.35	8.74	9.00	8.76	7.48	6.82	7.75	7.59	8.34
10	10.05	9.85	8.74	8.47	8.84	9.10	8.75	6.38	7.06	7.84	7.41	8.43
15	10.10	9.81	8.39	8.50	8.98	9.17	8.77	5.97	7.25	7.90	7.53	8.50
20	10.10	9.53	8.27	8.59	9.04	9.00	8.85	6.00	7.39	7.99	7.77	8.58
25	9.95	9.31	8.14	8.61	9.02	8.78	8.98	6.27	7.44	8.15	7.98	8.56
Eom	9.82	9.25	8.26	8.72	8.84	8.74	8.06	6.59	7.58	8.26	8.16	8.30

1970

5	....	8.43	8.16	8.16	8.20	8.69	8.86	8.85	7.97	8.54	8.51	8.94
10	8.25	7.90	8.16	8.12	8.30	8.78	8.89	8.79	8.09	8.58	8.67	9.04
15	8.35	7.78	8.21	8.14	8.47	8.82	8.97	8.72	8.13	8.61	8.68	9.11
20	8.43	7.85	8.33	8.10	8.53	8.90	8.99	8.32	8.26	8.68	8.70	9.09
25	8.44	7.96	8.29	8.18	8.62	8.74	8.95	8.05	8.39	8.70	8.79	9.11
Eom	8.57	8.07	8.17	8.21	8.61	8.75	8.85	7.93	8.46	8.57	8.88	9.15

1971

5	9.19	8.57	7.65	7.27	7.77	8.20	8.61	8.55	7.71	....	4.61	6.56
10	9.13	8.49	6.76	7.25	7.91	8.35	8.63	....	7.81	....	4.93	6.74
15	9.12	8.35	6.39	7.28	8.03	8.44	8.67	....	7.92	....	5.37	6.95
20	8.76	8.15	6.58	7.42	7.95	8.46	8.77	....	8.01	....	5.71	7.20
25	8.67	8.10	6.91	7.54	7.95	8.52	8.85	....	8.08	....	6.02	7.37
Eom	8.66	8.07	7.10	7.68	8.09	8.60	8.88	....	8.04	....	6.31	7.61

1972

5	7.70	6.68	5.90	6.85	7.71	7.61	8.14	7.25	7.91	8.31	8.56	8.16
10	7.81	6.30	6.17	6.99	7.78	7.74	....	7.40	7.89	8.34	8.60	8.01
15	7.70	5.96	6.41	7.18	7.84	7.91	7.42	7.57	7.99	8.38	8.60	8.02
20	7.09	5.64	6.61	7.35	7.83	8.02	6.86	7.67	8.16	8.50	8.49	8.21
25	6.89	5.53	6.66	7.50	7.71	8.10	6.82	7.77	8.22	8.52	8.47	8.20
Eom	6.86	5.64	6.75	7.61	7.48	8.22	7.13	7.92	8.32	8.52	8.43	8.10

1973

5	7.91	7.58	5.94	6.18	6.18	7.42	8.21	8.80	9.07	9.08	9.31	9.67
10	7.72	7.48	6.09	5.61	6.38	7.62	8.31	8.83	9.13	9.10	9.39	9.45
15	7.66	7.18	6.21	5.51	6.59	7.80	8.43	8.94	9.12	9.13	9.44	9.47
20	7.71	6.35	6.48	5.75	6.78	7.95	8.52	8.97	9.06	9.22	9.50	9.27
25	7.65	5.80	6.64	6.08	7.00	8.06	8.63	8.91	9.06	9.21	9.55	9.15
Eom	7.61	5.85	6.73	6.01	7.22	8.12	8.75	8.99	9.05	9.24	9.62	9.15

Lenoir County

35030607744201. Local number NC-51. Pink Hill School. Pink Hill. Drilled unused water-table well in Peedee Formation of Late Cretaceous age; diam 4 in (10 cm); depth 151 ft (46 m); drilled to 195 ft (59 m); cased to 125 ft (38 m), previously reported 151 ft (46 m). Lsd 134 ft (41 m) above msl. MP top of instrument shelf, 1.45 ft (0.44 m) above lsd (since Feb. 2, 1972). Highest water level 52.03 ft (15.86 m) below lsd, Apr. 8, 1973; lowest 59.64 ft (18.18 m) below lsd, July 20, 21, 1970. Records available: 1963-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	55.00	54.57	55.49	55.18	53.45	53.57	53.04	53.42	53.23	53.37	53.34	54.85
10	54.92	54.60	54.35	54.03	53.45	53.39	53.09	53.14	53.26	53.39	53.32	54.68
15	54.97	54.53	54.14	53.74	55.60	53.24	53.55	53.02	53.36	53.44	53.40	54.87
20	54.75	54.40	53.90	53.56	55.35	53.16	53.20	53.00	53.24	53.51	53.36	55.15
25	54.72	54.29	53.70	53.52	54.94	53.12	53.15	53.06	53.19	53.64	53.39	54.87
Eom	54.67	54.89	53.79	53.46	53.66	53.06	53.16	53.20	53.31	53.69	53.30	54.07
1970												
5	53.62	53.22	.....	.....	55.44	56.42	57.41	.....	55.12	55.18	.....	.....
10	53.30	52.92	.....	55.43	55.81	56.42	57.81	.....	55.02	55.25	.....	.....
15	53.24	52.94	.....	56.46	55.44	56.58	57.60	.....	55.52	55.24	.....	.....
20	53.07	.....	.....	53.76	56.32	57.79	58.46	.....	55.16	55.18	.....	.....
25	54.33	.....	.....	55.72	56.00	57.42	58.25	.....	55.32	54.95	.....	.....
Eom	53.67	.....	.....	55.58	55.53	57.75	.....	.....	55.11	54.91	.....	.....
1971												
5	.....	54.02	.....	53.12	52.95	53.08	53.46	53.36	53.10	52.98	52.70	52.69
10	.....	54.03	.....	53.02	53.00	53.16	53.39	53.40	53.05	52.85	52.64	52.66
15	.....	53.85	.....	53.00	52.97	53.21	53.38	53.46	53.02	52.90	52.68	52.70
20	.....	53.78	.....	52.96	52.95	53.35	53.48	53.18	53.11	52.92	52.60	52.65
25	.....	.....	53.21	52.96	52.99	53.31	53.54	53.15	53.19	52.66	52.66	52.73
Eom	.....	.....	53.11	52.92	52.97	53.41	53.39	53.06	53.05	.....	52.61	52.72
1972												
5	52.74	52.67	52.49	52.58	52.70	52.77	53.06	52.87	52.99	53.20	53.28	53.09
10	52.78	52.66	52.67	52.64	52.74	52.82	53.11	52.94	53.10	53.30	53.22	53.00
15	52.75	52.49	52.55	52.59	52.70	52.96	52.91	52.92	53.11	53.28	53.22	53.19
20	52.83	52.49	52.61	52.68	52.72	52.97	52.92	52.96	53.11	53.40	53.14	52.95
25	52.76	52.48	52.52	52.68	52.68	52.99	52.88	53.05	53.16	53.28	53.16	52.91
Eom	52.71	52.50	52.48	52.78	52.69	53.00	52.85	53.10	53.10	53.27	53.04	52.90
1973												
5	52.83	52.63	52.35	52.20	52.35	52.82	52.99	53.47	53.97	54.36	54.87	.....
10	52.74	52.47	52.40	52.12	52.37	52.90	53.06	53.57	53.96	54.48	55.00	.....
15	52.73	52.35	52.33	52.28	52.45	52.98	53.14	53.76	54.03	54.58	55.00	.....
20	52.69	52.44	52.34	52.27	52.48	52.96	53.19	53.84	54.15	54.68	55.08	.....
25	52.73	52.49	52.34	52.24	52.54	52.88	53.33	53.74	54.22	54.75	55.08	.....
Eom	52.73	52.42	52.35	52.32	52.70	52.94	53.39	53.89	54.32	54.77	.....	.....

Macon County

351516083243701. Local number NC-117. Claude Leatherman. Wests Mill. Dug domestic water-table well in biotite gneiss of Paleozoic age; diam 30 in (76 cm), previously reported 24 ft (0.76 m); depth 63 ft (19 m), lined with tile. Lsd 2,060 ft (628 m) above msl. MP top of concrete well top, 0.25 ft (0.08 m) above lsd. Highest water level 38.96 ft (11.88 m) below lsd, Sept. 17, 1962; lowest 59.98 ft (18.28 m) below lsd, Mar. 9, 1964. Records available: 1961-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1969	53.26	Feb. 27, 1970	54.77	July 14, 1971	51.54	Aug. 23, 1972	51.54
Feb. 19	54.12	Apr. 7	54.58	Aug. 25	52.48	Oct. 4	53.79
Mar. 12	53.82	May 21	55.90	Oct. 5	52.23	Nov. 24	55.84
Apr. 24	54.24	July 7	52.87	Nov. 9	52.25	Jan. 4, 1973	54.84
May 19	53.86	Aug. 20	51.90	Dec. 12	52.74	Feb. 27	52.95
June 9	54.24	Oct. 14	53.85	Dec. 15	52.51	Apr. 12	50.94
July 10	53.32	Nov. 9	54.71	Jan. 25, 1972	54.71	May 22	47.97
Aug. 18	51.39	Dec. 29	54.17	Mar. 8	53.61	July 10	45.24
Oct. 3	52.97	Jan. 29, 1971	54.82	Apr. 18	54.17	Aug. 21	44.00
Nov. 5	53.09	Mar. 16	54.81	May 23	52.12	Oct. 18	46.66
Dec. 9	52.65	May 26	52.78	July 7	52.62	Nov. 20	46.47
Jan. 19, 1970	54.80						

Martin County

355734077180001. 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 (10 cm), depth 87 ft (27 m), drilled to 88 ft (27 m), cased to 88 ft (27 m). Lsd 81.66 ft (24.89 m) above msl. MP top of instrument shelf, 1.73 ft (0.53 m) above lsd (since Feb. 22, 1971). Highest water level 11.67 ft (3.56 m) below lsd, June 8, 1961; lowest 19.32 ft (5.89 m) below lsd, Nov. 8, 9, 1968. Records available: 1959-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.09	15.10	13.54	13.38	13.67	13.73	14.28	.....	13.62	13.26	13.67	13.78
10	17.93	14.43	13.17	13.51	13.88	13.96	14.26	.....	13.66	13.13	13.47	13.74
15	17.92	14.06	13.12	13.68	14.17	14.22	14.40	.....	13.78	13.21	13.42	13.45
20	17.75	13.90	13.07	13.61	14.25	14.30	14.54	.....	13.87	13.40	13.47	12.85
25	16.78	13.82	.....	13.49	13.87	14.28	14.84	.....	13.51	13.66	13.57	12.75
Eom	15.86	13.79	13.24	13.52	13.64	14.25	.....	.....	13.40	13.90	13.62	12.50

355734077180001--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.53	12.46	12.51	12.51	12.63	13.74	13.81	.....	.....	16.08	14.98	14.05
10	12.52	12.19	12.66	12.41	12.69	13.98	13.61	.....	14.73	16.29	14.67	14.17
15	12.63	12.22	12.84	12.49	12.91	14.29	13.45	.....	15.06	16.49	14.22	14.33
20	12.65	12.24	12.95	12.55	13.15	14.59	13.50	.....	15.36	16.67	13.96	14.12
25	12.68	12.31	12.91	12.75	13.35	14.59	13.32	.....	15.69	16.30	14.10	.....
Eom	12.74	12.40	12.73	12.73	13.56	14.15	.....	.....	15.85	15.55	14.11	.....
1971												
5	.....	12.41	12.07	12.58	13.21	13.40	14.47	14.12	13.41	12.65	.....	12.95
10	.....	12.20	12.08	12.33	13.33	13.49	14.35	13.97	13.34	12.26	.....	12.98
15	12.76	12.04	12.26	12.34	13.39	13.65	14.12	14.09	13.16	12.16	12.50	13.06
20	12.68	12.07	12.39	12.50	13.37	13.86	14.12	14.30	13.10	12.29	12.69	13.08
25	12.60	12.17	12.66	12.74	13.46	14.11	14.29	14.43	13.23	12.11	12.90	13.07
Eom	12.57	12.16	12.63	12.98	13.49	14.33	14.38	13.74	13.28	12.01	12.90	13.06
1972												
5	13.14	12.76	12.56	13.23	13.67	12.92	13.91	14.89	16.40	17.16	17.78	15.95
10	13.25	12.63	12.74	13.31	13.43	13.14	14.14	15.16	16.40	17.35	17.75	15.65
15	13.05	12.53	12.90	13.38	13.36	13.43	14.15	15.46	16.47	17.46	17.63	15.40
20	12.81	12.38	13.05	13.51	13.25	13.64	14.18	15.74	16.67	17.61	17.39	14.94
25	12.78	12.35	13.06	13.58	12.97	13.68	14.33	16.04	16.85	17.66	16.83	14.50
Eom	12.86	12.43	13.11	13.71	12.79	13.73	14.66	16.36	16.98	17.72	16.35	14.10
1973												
5	13.83	12.71	12.33	12.56	13.04	13.81	14.68	15.93	15.45	15.67	16.79	17.68
10	13.65	12.53	12.24	12.34	13.14	13.96	14.93	15.75	15.70	16.13	17.11	17.62
15	13.57	12.44	12.31	12.42	13.34	14.17	15.24	15.62	15.67	16.28	17.25	16.57
20	13.38	12.43	12.51	12.61	13.54	14.43	15.51	15.41	15.53	16.50	17.50	15.26
25	13.20	12.55	12.63	12.81	13.71	14.44	15.83	15.20	15.50	16.66	17.58	14.14
Eom	13.00	12.52	12.77	12.95	13.79	14.51	15.99	15.21	15.52	16.73	17.65	13.50

Moore County

350636079283601. Local number NC-122. H. A. Keith. Formerly Pure Oil Station. Pinebluff. Dug unused water-table well in sands of Tuscaloosa Formation of Late Cretaceous age, diam 24 in (61 cm), depth 47 ft (14 m), cribbed with brick. Lsd 412 ft (126 m) above msl. MP top of wooden platform, 3.55 ft (1.08 m) above lsd. Highest water level 28.71 ft (8.75 m) below lsd, Oct. 8, 1971; lowest dry, several times, 1951-52. Records available: 1944-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	33.17	May 19, 1969	34.02	Nov. 12, 1969	34.05	Nov. 9, 1971	28.87
13	33.51	26	33.92	20	34.06	Jan. 7, 1972	32.62
20	33.67	June 2	33.95	Dec. 17	34.07	Feb. 22	32.50
27	33.13	9	33.98	Jan. 2, 1970	34.08	Apr. 7	32.81
Feb. 3	33.31	15	33.88	Feb. 22	34.03	May 8	32.97
10	32.87	23	33.90	Mar. 24	34.33	June 12	32.93
17	32.75	30	34.10	Apr. 18	34.09	July 21	34.61
24	32.22	July 8	34.15	June 7	34.08	Aug. 28	33.29
Mar. 3	32.73	12	34.13	18	34.02	Oct. 2	33.63
10	32.47	20	34.95	Dec. 11	35.03	Nov. 28	32.80
17	33.37	27	36.15	Jan. 13, 1971	38.80	Jan. 4, 1973	32.51
24	33.12	Aug. 3	36.45	Feb. 19	38.61	Feb. 13	32.16
31	33.62	Sept. 9	38.20	Mar. 31	32.66	Mar. 26	32.11
Apr. 7	33.88	29	38.01	May 11	33.15	May 7	31.60
14	34.11	Oct. 7	32.07	July 28	33.02	June 25	31.83
21	32.74	14	36.04	Sept. 8	33.51	July 26	32.25
28	33.52	21	34.05	Oct. 8	31.75	Oct. 5	32.90
May 5	33.17	28	34.60		33.12	Nov. 12	33.42
12	33.93	Nov. 5	34.05		28.71		

New Hanover County

341000077524201. Local number NC-20. Walter J. Hodder. Near Wilmington. Drilled unused artesian well in Peedee Formation of Late Cretaceous age and Castle Hayne Limestone of middle and late Eocene age, diam 4 in (10 cm), depth 169 ft (52 m), drilled to 173 ft (53 m), cased to 173 ft (53 m). Lsd 21.30 ft (6.49 m) above msl. MP top of recorder shelf, 0.06 ft (0.02 m) above lsd. Highest water level 9.42 ft (2.87 m) below lsd, June 10, 1966; lowest 19.94 ft (6.08 m) below lsd, June 10, 1973. Records available: 1963-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.60	12.68	11.92	.....	15.02	.....	.....	.....	.....	12.50	12.30	12.68
10	12.63	12.41	.....	.....	15.32	.....	.....	.....	.....	12.79	12.36	12.34
15	12.74	12.35	.....	.....	16.87	.....	.....	.....	.....	13.00	12.33	12.31
20	12.49	12.10	.....	12.43	.....	.....	13.99	.....	.....	13.61	12.47	12.32
25	12.35	12.03	.....	12.83	14.48	.....	12.82	.....	.....	13.54	12.76	12.35
Eom	13.05	12.10	.....	13.60	14.91	.....	.....	.....	.....	13.13	12.56	12.25
1970												
5	12.51	12.54	12.56	12.16	14.65	16.15	15.73	14.79	12.48	13.94	12.44	13.26
10	12.32	12.12	12.33	12.23	16.25	15.43	15.47	14.24	12.78	14.03	12.68	13.27
15	12.40	12.39	12.41	12.65	17.29	15.51	15.38	13.95	12.55	14.01	12.48	13.51
20	12.31	12.43	12.35	14.71	16.23	16.78	15.44	13.42	12.94	13.59	12.47	13.03
25	12.74	12.47	12.13	14.90	17.51	16.84	14.68	12.77	13.51	13.26	12.70	13.06
Eom	12.68	12.63	11.85	14.39	15.89	15.67	14.66	12.46	13.34	12.85	12.98	e13.0

341000077524201--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	12.30	13.49	14.54	14.80	14.34	13.52	.....	12.54	.....	12.53
10	.....	.....	12.27	13.27	14.65	15.97	14.01	13.61	.....	12.43	.....	12.56
15	12.42	12.49	12.43	14.23	14.72	15.35	14.00	14.59	.....	12.45	12.53	12.71
20	.....	12.48	12.45	14.28	14.69	14.18	14.53	.....	.....	12.29	12.56	12.69
25	.....	12.58	12.84	14.39	14.38	13.74	13.70	.....	.....	11.73	12.63	12.82
Eom	.....	12.53	12.78	14.27	14.08	14.84	13.35	.....	.....	.....	12.45	12.85
1972												
5	12.89	12.52	12.40	13.40	16.19	16.29	.....	.....	14.59	14.13	15.34	14.01
10	13.01	12.46	12.65	13.74	16.25	17.04	.....	13.85	14.24	14.40	14.93	13.74
15	12.86	12.24	13.06	14.20	15.70	16.83	.....	14.53	14.46	14.63	14.70	13.58
20	12.74	12.16	13.31	15.56	16.27	16.81	.....	14.67	14.31	e14.84	14.66	13.68
25	12.68	12.27	12.98	15.90	14.89	.....	14.26	14.71	14.22	15.05	14.58	13.50
Eom	12.85	12.38	12.94	17.06	14.76	.....	.....	14.68	13.98	15.09	14.16	.....
1973												
5	13.43	.....	.....	13.30	16.02	18.54	.....	.....	15.49	14.80	.....	.....
10	13.29	.....	.....	13.58	16.51	19.94	.....	.....	.....	15.09	.....	.....
15	13.29	.....	.....	13.94	16.41	.....	.....	.....	.....	15.47	.....	.....
20	.....	.....	.....	14.79	16.31	.....	.....	.....	14.24	.....	.....	.....
25	.....	.....	.....	15.98	16.21	.....	.....	.....	14.63	.....	.....	.....
Eom	.....	.....	13.49	15.89	16.55	.....	.....	14.80	14.67	.....	.....	.....

e Estimated.

## Northampton County

361608077162601. Local number NC-27. Boomer Ice Co. Rich Square. Drilled unused artesian well in sand of Tuscaloosa Formation of Late Cretaceous age; diam 8 in (20 cm), previously reported 10 in (25 cm); depth 57 ft (17 m); drilled to 88 ft (27 m); cased to 78 ft (24 m). Lsd 74.44 ft (22.69 m) above ms1. MP top of instrument shelf (previously reported top of casing), 1.70 ft (0.52 m) above lsd. Highest water level 4.86 ft (1.48 m) below lsd, Feb. 25, 1960; lowest 14.36 ft (4.38 m) below lsd, Jan. 4, 1967. Records available: 1958-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.19	12.11	10.97	9.88	10.79	10.14	10.60	10.59	11.13	9.54	10.91	11.50
10	13.28	11.90	9.92	9.98	11.05	10.58	10.23	9.52	11.34	9.70	11.04	11.41
15	13.31	11.81	10.01	10.26	11.36	10.64	10.64	9.88	11.57	10.12	11.16	10.76
20	13.21	11.84	9.54	10.25	11.06	9.34	10.95	10.03	11.49	10.43	11.26	10.61
25	12.82	.....	9.06	10.27	9.89	9.57	11.03	10.47	10.88	10.83	11.36	10.27
Eom	12.72	.....	9.87	10.53	9.42	10.24	11.11	10.92	11.14	11.03	11.29	9.16
1970												
5	9.55	6.72	6.90	5.37	7.09	10.26	11.50	11.56	11.72	12.62	.....	12.71
10	9.02	6.19	7.34	5.96	7.42	10.60	11.48	11.56	11.81	12.76	.....	12.71
15	9.30	6.87	7.92	5.73	8.34	10.92	11.41	11.55	11.98	12.77	.....	12.70
20	8.97	6.18	8.36	5.91	8.98	11.16	11.62	11.58	12.09	.....	.....	12.70
25	8.97	6.33	7.13	6.99	9.92	11.49	11.57	11.38	12.26	.....	.....	12.69
Eom	8.50	6.88	6.64	6.95	10.84	11.49	11.56	11.64	12.50	.....	.....	.....
1971												
5	.....	.....	7.48	8.62	9.83	10.45	11.54	12.12	12.55	.....	9.24	10.87
10	.....	.....	7.63	7.11	10.30	10.70	11.64	12.32	12.68	.....	9.45	10.89
15	.....	.....	8.04	7.48	10.27	10.75	11.73	12.39	12.72	.....	10.02	.....
20	.....	.....	8.32	8.04	9.85	10.87	11.86	12.50	12.81	.....	10.10	.....
25	.....	.....	9.04	8.71	10.37	11.15	11.96	12.59	12.86	.....	10.56	.....
Eom	.....	.....	8.70	9.40	10.16	11.28	12.10	12.49	12.81	.....	10.60	.....
1972												
5	.....	8.73	8.06	9.47	9.59	7.42	10.28	11.11	11.89	12.47	12.87	.....
10	10.92	8.78	8.72	9.64	9.72	8.12	10.54	11.26	11.97	12.55	12.84	.....
15	9.80	8.00	8.92	9.64	9.88	9.10	10.64	11.31	12.07	12.59	12.93	.....
20	9.51	7.21	9.29	9.74	9.42	9.56	10.91	11.50	12.30	12.67	12.87	.....
25	9.72	7.15	9.11	9.82	7.72	9.36	11.08	11.67	12.33	12.78	.....	.....
Eom	9.93	7.53	9.15	9.94	7.95	9.77	11.16	11.83	12.40	12.88	.....	.....
1973												
5	.....	9.87	8.10	6.51	8.58	10.50	11.11	11.62	12.12	12.69	.....	13.50
10	.....	9.69	8.16	5.81	8.95	10.69	11.20	11.77	12.20	12.76	.....	13.52
15	.....	9.27	8.23	6.85	9.59	10.99	11.34	11.90	12.26	12.92	.....	13.50
20	11.36	9.22	8.77	7.45	9.81	11.16	11.49	11.72	12.43	.....	.....	13.23
25	11.25	9.68	8.64	7.98	10.01	11.08	11.64	11.85	12.54	.....	13.34	12.92
Eom	10.82	9.33	8.64	8.30	10.18	11.09	11.72	12.01	12.61	.....	13.42	12.86

## Onslow County

344425077272501. 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 (46 cm), depth 68 ft (21 m), drilled to 70 ft (21 m), cased to 23 ft (7 m). Lsd 24.45 ft (7.45 m) above ms1. MP top of recorder shelf, 1.90 ft (0.58 m) above lsd. Highest water level 2.73 ft (0.83 m) below lsd, Oct. 23, 1971, Feb. 15, 1973; lowest 10.44 ft (3.18 m) below lsd, Jan. 3, 1966. Records available: 1963-73.



344425077272501--Continued.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.15	6.77	6.75	5.91	6.98	6.94	6.06	4.36	6.57	7.86	6.65	8.78
10	8.48	6.80	5.36	5.52	6.69	6.89	6.18	4.33	6.87	8.08	6.27	8.41
15	8.71	6.81	5.78	5.92	7.59	6.59	5.95	4.81	6.91	8.38	7.69	7.11
20	7.99	6.45	5.08	6.12	7.46	4.99	6.45	4.65	7.51	8.31	7.91	7.80
25	6.78	6.54	5.11	6.46	7.07	4.91	6.81	5.46	7.75	8.61	8.20	6.47
Eom	6.81	6.88	5.75	6.76	6.78	5.56	6.09	6.15	7.98	8.86	8.34	7.23

1970

5	7.58	6.02	.....	.....	.....	7.97	8.95	7.42	5.51	6.86	6.09	7.38
10	6.93	6.05	.....	.....	7.10	8.11	8.97	7.62	6.05	7.05	6.54	7.53
15	7.17	6.39	.....	.....	7.38	8.33	8.92	7.38	6.24	7.26	6.53	7.91
20	6.93	.....	6.79	.....	7.50	8.54	9.03	4.94	6.59	7.47	6.54	7.33
25	6.94	.....	.....	.....	7.73	8.69	7.74	3.88	6.82	7.01	7.07	7.02
Eom	7.34	.....	.....	.....	7.81	8.80	7.82	4.91	6.40	7.18	7.18	7.23

1971

5	7.35	4.91	3.75	5.53	6.19	6.91	5.16	4.54	4.91	4.04	4.72	5.57
10	5.92	4.82	4.46	4.64	6.51	6.75	4.69	5.09	5.16	3.66	5.06	5.61
15	5.60	4.36	4.82	5.25	6.63	6.91	5.09	5.68	4.46	4.32	5.43	5.60
20	5.34	4.80	5.16	5.60	6.58	6.61	5.52	3.98	4.26	4.95	5.58	5.61
25	5.13	5.36	5.61	6.01	6.74	5.47	4.97	4.80	4.96	2.82	5.83	5.68
Eom	5.04	4.70	5.35	5.82	6.77	5.76	4.16	4.17	4.85	4.14	5.81	6.06

1972

5	5.77	3.74	4.66	5.52	6.55	6.43	6.90	5.95	3.79	5.82	7.26	5.30
10	6.05	4.43	.....	5.78	6.81	6.79	6.83	5.68	4.49	6.36	7.19	4.82
15	5.24	3.69	.....	5.62	6.68	6.55	4.31	6.13	5.05	6.54	7.34	5.09
20	5.02	.....	.....	5.88	6.68	6.55	4.21	5.99	5.51	6.82	6.83	5.31
25	4.80	.....	4.96	6.16	6.10	6.39	4.93	6.00	5.85	6.82	6.65	4.62
Eom	4.78	4.55	5.18	6.45	6.05	6.65	5.65	5.20	5.42	7.02	5.56	4.92

1973

5	4.08	4.39	4.33	.....	5.51	6.76	6.01	.....	.....	6.91	7.96	8.83
10	4.06	4.03	4.53	.....	5.19	7.00	5.75	.....	.....	7.08	8.28	7.90
15	3.93	2.73	4.67	.....	5.47	6.00	6.14	.....	.....	7.29	8.29	7.57
20	4.28	3.83	5.10	.....	5.72	6.02	5.82	.....	.....	7.47	8.60	6.41
25	4.31	4.54	.....	.....	6.14	5.48	.....	.....	.....	7.56	8.53	5.97
Eom	4.58	4.50	.....	.....	6.47	5.91	.....	.....	.....	7.66	8.90	5.97

344525077254501. Local number NC-85. Carolina Power & Light Co. Jacksonville. Drilled unused water-table well in Castle Hayne Limestone of middle and late Eocene age, diam 8 in (20 cm), depth 106 ft (32 m), cased to 106 ft (32 m). Lsd 20 ft (6 m) above ml. MP top of instrument shelf (previously reported top of casing), 3.20 ft (0.98 m) above lsd. Highest water level 6.86 ft (2.09 m) below lsd, June 10, 1964; lowest 21.76 ft (6.63 m) below lsd, June 21, 1970. Records available: 1963-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.53	12.27	13.28	12.27	.....	14.30	17.27	17.54	17.97	17.52	16.62	16.62
10	14.04	12.05	12.52	12.48	.....	14.22	17.48	17.60	18.55	17.35	17.30	.....
15	13.56	12.53	12.58	12.36	.....	14.57	17.54	17.41	18.45	17.34	16.92	17.52
20	12.65	12.69	11.82	12.51	14.18	14.32	18.07	17.70	18.17	16.94	16.77	18.05
25	12.46	13.10	11.68	12.77	14.64	16.22	18.22	17.43	17.74	17.20	17.17	.....
Eom	12.55	13.65	12.07	12.60	14.58	16.76	18.13	17.84	17.80	16.85	16.81	16.29

1970

5	16.65	17.74	14.81	13.52	15.57	19.81	19.71	20.04	.....	.....	.....	.....
10	17.14	17.86	13.81	13.68	16.67	18.98	20.24	.....	.....	.....	.....	.....
15	18.40	17.07	14.08	13.70	19.24	18.78	20.24	.....	.....	.....	.....	.....
20	18.47	17.16	13.79	14.17	18.65	20.97	20.20	.....	.....	16.19	.....	13.61
25	18.81	16.84	13.73	15.69	20.22	20.55	20.30	.....	.....	15.64	.....	13.02
Eom	18.42	15.89	13.31	15.38	18.95	20.06	19.90	.....	.....	.....	.....	12.85

1971

5	13.45	.....	e12.09	13.52	15.72	16.72	15.04	14.67	14.26	13.75	13.17	12.50
10	13.64	.....	e12.22	14.04	15.78	16.99	15.17	14.29	14.24	13.36	12.89	12.60
15	13.47	.....	.....	14.90	16.23	16.81	14.99	14.35	14.13	13.30	12.49	h12.44
20	.....	12.73	12.93	16.30	15.95	15.20	15.68	14.44	14.13	12.87	12.25	12.42
25	.....	12.46	12.68	16.17	15.15	14.76	15.25	14.45	14.13	12.52	12.18	12.16
Eom	.....	12.35	12.94	15.68	15.00	16.07	14.83	14.41	13.73	12.85	12.53	12.36

1972

5	12.10	12.30	11.64	11.82	12.62	12.66	13.97	16.26	15.62	14.52	14.53	13.92
10	12.31	e11.96	11.94	11.74	12.37	12.89	14.21	16.19	15.67	14.04	14.58	13.64
15	12.49	11.81	11.48	12.02	12.22	12.99	13.70	16.13	15.42	14.28	14.47	13.67
20	13.01	14.50	11.82	12.73	12.60	13.13	14.27	15.89	15.05	14.20	14.53	14.02
25	12.63	11.63	11.65	12.31	12.79	12.65	15.13	16.17	14.83	14.21	14.78	12.87
Eom	12.31	h11.49	11.63	12.29	12.61	12.97	15.38	16.10	15.10	14.33	14.26	13.22

1973

5	13.12	13.66	14.81	12.57	14.55	17.58	17.17	17.14	18.03	16.20	14.33	13.52
10	13.43	12.63	14.03	12.65	15.08	19.27	17.52	17.36	17.33	15.41	14.32	13.30
15	14.84	14.89	13.33	13.04	15.09	18.92	17.33	17.59	16.95	15.09	14.53	13.31
20	14.83	14.50	13.82	12.24	15.24	18.26	17.48	18.16	16.49	14.62	14.25	13.02
25	14.78	14.93	12.86	14.49	15.79	17.41	17.51	17.71	16.76	14.45	13.52	12.87
Eom	14.12	14.58	12.83	14.10	16.09	17.34	17.17	18.28	16.28	14.71	13.62	12.77

e Estimated.

h Tape measurement.

Orange County

355522079043001. Local number NC-126. McCauley. Chi Psi Fraternity. Chapel Hill. Dug unused water-table well in granite of Paleozoic age, diam 36 in (91 cm), depth 48 ft (15 m), lined with rock. Lsd 513.72 ft (156.58 m) above msl. MP gage pointer, 3.24 ft (0.99 m) above lsd. Highest water level 36.43 ft (11.10 m) below lsd, May 9, 1960; lowest dry, Oct. 11, Dec. 31, 1940. Records available: 1938-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	46.65	Mar. 31, 1970	45.05	June 28, 1971	43.23	Sept. 18, 1972	41.09
13	46.71	Apr. 6	44.71	July 6	43.30	25	41.26
28	46.70	13	44.58	12	43.37	Oct. 2	41.43
Feb. 3	46.52	20	44.23	19	43.42	9	41.55
10	46.39	27	44.07	26	43.56	16	41.65
17	46.35	May 4	43.90	Aug. 2	43.67	23	41.77
24	46.30	11	43.72	9	43.72	30	41.95
Mar. 3	46.21	18	43.63	16	43.82	Nov. 6	42.11
10	45.79	25	43.49	23	43.79	20	42.00
17	45.71	June 1	43.49	30	43.90	27	41.98
25	45.39	8	43.49	Sept. 7	43.99	Dec. 4	41.90
31	45.29	15	43.48	13	43.78	11	41.93
Apr. 8	45.13	22	43.52	20	43.88	18	41.48
14	45.03	29	43.59	27	43.66	27	40.94
21	44.87	July 7	43.68	Oct. 4	43.40	Jan. 2, 1973	40.78
28	44.76	13	43.76	11	43.00	8	40.59
May 5	44.68	27	43.93	18	42.76	15	40.44
12	44.64	Aug. 3	44.09	25	42.27	23	40.33
27	44.52	10	44.20	Nov. 1	42.20	29	40.24
June 2	44.47	24	44.40	15	41.96	Feb. 5	39.84
9	44.45	31	44.54	22	41.96	14	39.46
16	44.41	Sept. 8	44.69	29	41.77	19	39.34
23	44.37	14	44.82	Dec. 6	41.78	26	39.19
30	44.38	21	44.96	13	41.75	Mar. 5	38.88
July 7	44.41	28	45.11	20	41.70	12	38.57
14	44.41	Oct. 5	45.29	27	41.77	19	38.38
23	44.47	14	45.49	Jan. 4, 1972	41.78	26	37.99
28	44.56	19	45.63	10	41.80	Apr. 2	37.69
Aug. 4	44.58	26	45.77	17	41.92	9	37.44
11	44.66	Nov. 2	45.81	24	41.85	16	37.14
20	44.71	16	46.02	31	41.88	25	36.79
25	44.79	23	46.12	Feb. 7	41.62	30	36.79
Sept. 2	44.90	30	46.23	14	41.56	May 7	36.67
8	44.97	Dec. 7	46.33	21	41.54	14	36.62
15	45.11	15	46.45	28	41.03	21	36.58
22	45.05	21	46.47	Mar. 6	41.04	June 4	36.82
29	45.16	28	46.51	13	40.90	11	36.92
Oct. 6	45.16	Jan. 4, 1971	46.56	20	40.99	18	37.04
13	45.21	11	46.32	27	40.86	25	37.22
20	45.28	18	46.33	Apr. 4	40.88	July 16	37.73
27	45.35	25	46.34	17	40.91	30	38.12
Nov. 3	45.41	Feb. 1	46.34	24	40.86	Aug. 6	38.32
17	45.63	8	46.02	May 1	40.93	13	38.45
24	45.71	15	45.72	8	40.86	20	38.64
Dec. 1	45.77	22	45.60	15	40.82	27	38.86
8	45.87	Mar. 1	45.53	23	40.51	Sept. 4	39.07
15	45.92	8	45.11	30	40.35	10	39.24
22	45.96	15	44.93	June 5	40.26	17	39.50
29	45.95	22	44.76	12	40.24	24	39.71
Jan. 5, 1970	46.06	29	44.52	19	40.16	Oct. 1	39.95
12	46.40	Apr. 5	44.32	26	40.01	8	40.15
19	46.15	13	43.97	July 5	39.99	15	40.35
26	46.18	19	43.86	10	40.08	23	40.62
Feb. 2	46.18	26	43.75	17	40.11	29	40.73
9	46.07	May 3	43.59	31	40.27	Nov. 5	40.98
16	46.12	10	43.50	Aug. 7	40.29	19	41.38
23	45.80	17	43.34	14	40.43	26	41.59
Mar. 2	45.74	24	43.32	21	40.51	Dec. 3	41.77
9	45.56	31	43.19	28	40.56	10	41.91
16	45.49	June 7	43.18	Sept. 5	40.73	17	42.05
23	45.22	21	43.17	11	40.95	31	42.28

Pamlico County

351523076335901. Local number NC-46. L. T. Sadler. Hobucken. Drilled unused artesian well in Castle Hayne Limestone of middle and late Eocene age, diam 1.5 in (3.8 cm), depth 219 ft (67 m), cased to 200 ft (61 m). Lsd 4 ft (1 m) above msl. MP top of instrument shelf, 3.20 ft (0.98 m) above lsd. Highest water level 0.10 ft (0.03 m) below lsd, Oct. 11, 1965; lowest 3.81 ft (1.16 m) below lsd, Dec. 11, 14, 1968. Records available: 1965-73.

Mar. 19, 1969	3.23	July 23, 1970	2.93	Aug. 26, 1971	2.81	Oct. 2, 1972	2.04
May 1	3.28	Sept. 2	2.98	Oct. 7	2.45	Nov. 16	1.81
June 12	3.33	Oct. 14	2.97	Nov. 9	2.52	Jan. 3, 1973	2.20
July 24	3.40	Dec. 17	3.10	Dec. 22	2.74	Feb. 21	1.88
Sept. 10	3.24	Jan. 20, 1971	2.88	Jan. 31, 1972	2.61	Mar. 27	2.02
Oct. 2	3.02	Feb. 18	3.07	Mar. 13	2.55	May 8	2.04
Nov. 5	2.80	Mar. 18	3.00	Apr. 25	3.31	June 20	2.53
Jan. 7, 1970	3.00	Apr. 13	2.85	May 19	1.75	Aug. 8	2.25
Feb. 16	2.98	May 20	2.77	June 30	2.10	Oct. 1	2.22
Apr. 2	2.72	June 17	2.67	July 19	2.17	Nov. 12	2.82
June 9	2.45	July 15	2.33	Aug. 30	2.18	Dec. 21	2.41

Pasquotank County

361833076173001. Local number NC-86. C. T. Winslow. Elizabeth City. Dug unused water-table well in sands of post-Miocene age, diam 18 in (46 cm), depth 8 ft (2 m), lined with tile. Lsd 12.53 ft (3.82 m) above msl. MS top of instrument shelf, 2.70 ft (0.82 m) above lsd. Highest water level 1.70 ft (0.52 m) above lsd, Feb. 26, 1968; lowest 8.00 ft (2.44 m) below lsd, Dec. 21, 1943. Records available: 1935-73.

Mean water level for the day, above and below lsd, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-0.86	+0.15	....	-1.51	-1.89	-3.54	-3.14	....	-3.92	-2.10	+0.01	....
10	1.17	....	+0.20	1.36	2.24	3.92	....	....	4.28	2.31	-.32	....
15	-1.53	....	-.74	-1.72	2.74	4.19	....	....	4.54	2.71	.80	....
20	+2.22	....	+1.18	+0.1	2.61	.14	....	-1.20	4.68	3.25	.59	-1.07
25	+1.13	....	+0.4	-1.29	2.45	1.76	....	2.09	....	3.95	1.25	.04
Eom	-.66	....	-1.41	1.21	2.98	2.54	....	3.23	3.07	-4.17	....	.08
1970												
5	-1.02	....	-1.30	-0.87	+0.10	-2.91	-3.33	....	-5.22	-5.76	-5.58	-5.86
10	1.27	....	1.70	1.20	-1.35	3.40	4.07	....	5.32	....	5.88	5.97
15	1.30	....	1.55	.45	1.90	4.09	4.30	....	5.42	5.96	5.43	6.06
20	.42	-1.05	1.21	1.22	....	4.28	4.55	....	5.52	5.98	....	5.10
25	....	1.08	.78	-1.26	....	3.38	....	....	5.60	5.98	....	4.47
Eom	...	1.14	.03	+0.4	2.44	2.75	....	....	5.67	6.07	....	....
1971												
5	....	+0.10	-0.16	-1.26	-2.89	....	-1.97	-2.45	....	....	-0.59	-1.31
10	....	-.13	1.20	.95	2.25	....	2.50	3.34	....	+0.14	1.20	1.25
15	-2.70	.26	1.39	1.57	1.63	....	2.60	4.07	e-1.20	-.83	1.57	1.18
20	2.47	.86	1.59	1.91	....	....	2.87	3.90	1.97	.45	1.61	.79
25	1.78	h.62	2.11	2.25	....	-1.31	3.25	4.40	-2.72	0.00	1.32	1.10
Eom	-1.10	.40	.49	2.62	....	2.14	1.71	....	....	.24	.84	1.50
1972												
5	e-0.65	....	-1.01	-1.53	-0.59	-1.34	-3.85	-2.36	-4.81	-5.12	-2.34	-0.80
10	....	....	1.58	1.86	....	1.41	4.29	3.10	4.97	2.09	.89	-.22
15	....	....	1.78	2.01	.30	1.98	2.51	3.90	5.04	2.66	-1.25	+1.11
20	....	+0.05	1.22	2.25	-.86	2.44	3.14	4.43	5.03	3.25	+1.5	-.54
25	....	-.87	.86	2.15	+1.5	2.84	3.82	4.66	5.17	2.94	-.51	.09
Eom	....	1.23	1.19	2.58	-.72	3.26	1.44	4.82	4.97	2.10	.09	.38
1973												
5	+0.10	-0.19	+0.18	....	....	-1.91	-1.03	-1.14	....	-5.17	-5.64	-6.04
10	-.52	-.51	+0.3	....	....	2.50	1.24	....	....	5.25	5.75	5.98
15	-.24	+1.6	-.89	....	....	3.05	1.61	....	....	5.31	5.75	5.81
20	+0.07	-.68	1.37	....	....	1.89	1.99	....	....	5.41	5.93	5.25
25	-.59	-1.28	1.03	....	-0.28	-1.64	2.76	....	-5.00	5.48	5.97	4.98
Eom	.54	+0.07	.39	....	1.04	+0.6	2.54	....	5.08	5.55	6.03	4.62

e Estimated.

h Tape measurement.

Fender County

342500077553001. Local number NC-26. Arvida Farms. Rocky Point. Drilled unused artesian well in Peedee Formation of Late Cretaceous age, diam 6 in (15 cm), depth 141 ft (43 m), cased to 141 ft (43 m). Lsd 25 ft (8 m) above msl. MP top of casing (previously reported top of wooden platform), 1.00 ft (0.30 m) above lsd. Highest water level 0.97 ft (0.30 m) below lsd, May 14, 15, 1966; lowest 6.25 ft (1.91 m) below lsd, May 5, 1966. Records available: 1964-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	1.99	1.71	1.97	2.10	2.34	1.98	2.02	1.70	2.51	2.92	2.42	2.50
10	2.09	1.74	1.67	2.11	2.45	2.23	2.02	1.41	2.64	2.87	2.07	2.23
15	2.22	1.92	1.79	2.18	2.60	2.28	2.09	1.28	2.75	2.93	2.10	1.92
20	2.20	1.84	1.82	2.14	2.51	1.65	2.29	1.57	2.81	3.09	2.23	2.04
25	1.67	1.91	1.79	2.15	1.80	1.60	2.42	1.95	2.83	3.24	2.35	1.96
Eom	1.72	2.00	1.94	2.26	1.70	1.76	2.38	2.30	2.92	3.39	2.42	1.79
1970												
5	1.92	1.95	2.25	1.57	2.50	2.63	2.44	2.15	1.79	2.03	1.63	2.22
10	1.88	1.88	1.90	1.70	2.61	2.72	2.48	2.26	2.04	2.20	1.80	2.34
15	1.95	1.97	1.79	1.91	2.71	2.84	2.48	2.08	1.98	2.33	1.73	2.39
20	1.97	2.06	1.89	2.09	2.81	2.95	2.17	1.69	2.00	2.48	1.85	2.11
25	2.06	2.16	....	2.25	2.89	2.92	2.15	1.48	1.86	2.20	2.01	2.04
Eom	2.14	2.21	....	2.38	2.60	2.46	2.12	1.53	1.93	2.09	2.15	2.14
1971												
5	2.06	1.75	1.49	2.08	2.20	....	2.22	1.50	1.76	1.48	1.72	2.11
10	1.82	1.62	1.60	1.82	....	....	2.34	1.77	1.52	1.61	1.91	2.05
15	1.70	1.61	1.76	1.92	....	....	2.46	2.08	1.50	1.50	2.06	1.94
20	1.61	1.73	1.91	2.10	....	2.03	2.65	1.56	1.71	1.69	2.16	1.93
25	1.77	1.88	2.07	2.17	....	2.02	2.36	1.45	1.63	1.53	2.27	1.97
Eom	1.72	1.91	2.02	2.16	....	2.10	1.70	1.37	1.54	1.56	2.20	2.07
1972												
5	2.08	1.46	1.85	2.02	2.37	....	2.92	2.67	2.31	2.11	2.31	1.47
10	2.10	1.54	1.99	2.11	....	2.56	3.18	2.65	1.90	2.15	2.14	1.45
15	1.94	1.57	2.09	2.11	....	2.74	2.39	2.65	2.00	2.25	2.01	1.59
20	1.75	1.50	2.11	2.12	....	2.92	2.20	2.72	1.80	2.35	1.76	1.71
25	1.64	1.64	1.99	2.22	....	2.71	2.33	2.80	1.78	2.39	1.82	1.55
Eom	1.70	1.78	1.96	2.32	....	2.72	2.55	2.78	1.93	2.30	1.63	1.68

342500077553001--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	1.33	1.43	1.73	1.64	2.11	2.63	1.85	1.98	....	2.93	....	3.94
10	1.36	1.43	1.57	1.61	2.24	2.73	2.01	1.99	....	3.05	....	3.64
15	1.25	1.13	1.65	1.81	2.26	2.46	2.16	....	....	3.20	....	2.81
20	1.29	1.26	1.82	2.04	2.28	1.92	....	....	....	3.55	....	2.04
25	1.31	1.57	1.99	2.23	2.37	1.56	....	....	....	3.56	3.83	1.74
Eom	1.45	1.68	2.02	2.06	2.51	1.60	2.17	....	....	....	3.88	1.73

Perquimans County

360546076201701. Local number NC-33. Harveys Point Defense Base. Harveys Neck. Drilled unused artesian well in Yorktown Formation of early and late Pliocene age (previously reported of late Miocene age), diam 8 in (20 cm), depth 66 ft (20 m), cased to 66 ft (20 m). Lsd 3.30 ft (1.01 m) above msl. MP top of instrument shelf, 1.20 ft (0.37 m) above lsd (since Sept. 20, 1972). Highest water level 1.58 ft (0.48 m) below lsd, Mar. 18, 1968; lowest 18.13 ft (5.53 m) below lsd, Sept. 20, 1972. Records available: 1961-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.27	2.28	2.36	3.66	4.68	7.11	7.86	7.31	7.40	7.30	5.69	6.52
10	5.75	4.21	1.74	3.52	5.00	7.53	7.88	5.83	7.67	7.99	5.89	6.16
15	5.79	2.97	2.68	4.00	5.59	7.77	8.87	8.16	8.47	7.45	5.91	4.76
20	4.43	3.77	1.94	3.10	5.99	9.35	8.37	5.44	8.04	7.66	5.86	5.06
25	3.21	3.77	2.09	4.70	6.32	10.21	8.61	6.24	7.51	7.98	5.95	4.33
Eom	4.96	4.45	3.20	4.37	6.83	7.86	8.01	6.79	7.57	9.27	6.66	3.62
1970												
5	4.29	1.90	3.26	2.24	1.92	9.35	7.70	....	....	9.18	....	8.33
10	3.35	2.04	3.73	2.62	3.15	6.79	7.45	....	....	....	....	8.20
15	3.93	2.73	3.93	1.94	7.15	7.93	6.72	....	8.72	9.10	....	8.19
20	3.31	2.78	3.94	2.67	4.63	7.59	7.07	....	8.98	9.15	....	7.71
25	3.83	3.09	2.68	3.38	5.29	7.72	6.45	....	9.14	8.70	....	7.10
Eom	3.40	3.05	2.70	1.74	5.76	11.06	....	....	9.19	....	....	7.09
1971												
5	7.11	3.53	1.95	3.07	5.31	....	7.26	....	....	....	2.39	4.66
10	6.68	3.34	2.72	2.75	5.69	....	7.58	....	....	2.52	3.11	4.56
15	6.40	3.20	3.20	3.36	4.77	....	7.69	....	....	2.82	3.89	4.69
20	6.25	3.88	2.86	3.92	4.48	....	7.77	....	....	....	4.08	4.65
25	6.64	2.74	3.76	4.38	....	....	7.98	....	....	....	4.41	4.28
Eom	4.97	2.69	2.37	4.93	....	....	7.74	....	....	....	4.24	4.71
1972												
5	4.34	2.02	3.23	3.22	2.82	4.13	6.56	6.66	8.00	8.14	6.01	4.06
10	4.24	2.72	3.56	3.61	3.78	4.84	6.97	7.34	8.76	7.06	6.96	3.61
15	1.73	4.46	3.71	4.12	3.88	5.18	5.74	7.45	8.80	7.11	6.22	3.78
20	2.29	2.06	2.68	4.19	3.41	5.71	6.92	7.89	11.31	6.85	4.40	3.70
25	4.14	2.62	2.28	4.16	3.56	6.09	....	8.24	8.05	6.75	4.33	2.99
Eom	3.16	3.01	2.90	4.70	4.10	....	6.47	7.95	7.93	6.09	3.40	3.28
1973												
5	2.08	....	....	1.79	3.76	5.94	7.26	7.53	7.61	9.05	8.77	8.79
10	2.68	....	....	1.80	3.90	6.66	7.94	7.47	7.89	8.66	8.81	8.37
15	2.68	1.76	....	3.01	4.09	7.53	8.15	7.60	7.95	8.58	8.82	7.86
20	....	2.26	....	3.62	4.59	7.60	8.27	6.03	8.10	8.76	8.90	6.69
25	....	....	....	4.06	4.85	7.37	8.13	6.80	8.37	8.79	8.85	6.00
Eom	....	....	2.33	3.64	5.31	6.94	8.39	7.32	8.60	8.65	8.92	5.95

Pitt County

353230077223501. Local number NC-63. Bethel Water-Treatment Plant. Bethel. Drilled unused artesian well in Black Creek Formation of Late Cretaceous age, diam 8 in (20 cm), depth 205 ft (62 m), drilled to 208 ft (63 m), cased to 155 ft (47 m). Lsd 65 ft (20 m) above msl. MP top of recorder shelf, 2.40 ft (0.73 m) above lsd. Highest water level 6.41 ft (1.95 m) below lsd, Oct. 25, 1971; lowest 13.41 ft (4.09 m) below lsd, Oct. 12, 1968. Records available: 1967-73. Measurement discontinued Oct. 15, 1973.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.93	11.13	10.04	9.14	....	....	8.90	....	10.54	10.20	8.75	8.83
10	12.91	10.87	9.26	9.49	9.94	9.41	....	9.95	10.20	8.83	8.50	9.76
15	12.92	10.79	9.56	9.85	10.57	9.71	....	9.79	10.32	9.25	8.82	9.06
20	12.72	10.76	9.03	....	10.30	....	....	8.88	10.50	9.65	8.95	9.00
25	12.03	10.46	8.38	....	8.69	....	....	9.20	9.30	10.22	9.37	8.89
Eom	11.88	10.52	9.24	....	8.51	....	10.73	9.94	8.51	10.48	9.33	8.08
1970												
5	8.52	7.42	....	....	8.55	10.55	11.00	9.36	10.32	11.74	11.39	11.33
10	8.32	7.92	8.71	....	8.91	10.80	10.85	9.54	10.71	11.85	11.42	11.44
15	8.79	8.20	9.18	....	9.43	11.05	10.77	10.12	11.00	11.96	11.09	11.65
20	8.85	8.30	9.11	....	9.75	11.22	10.87	10.13	11.24	12.06	10.99	11.19
25	8.72	8.23	8.66	8.80	10.04	11.21	9.42	10.16	11.47	11.80	11.21	10.47
Eom	7.66	8.46	8.71	8.69	10.40	11.11	8.87	10.13	11.49	11.75	11.15	10.10

35323007723501--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.14	8.04	7.02	7.93	....	9.48	10.91	11.47	10.93	8.50	7.49	9.26
10	9.86	8.02	7.22	7.30	....	9.86	10.97	11.57	10.91	7.77	7.56	9.04
15	9.20	7.59	7.67	....	....	10.08	11.13	11.73	10.84	7.43	8.24	9.18
20	9.21	7.59	7.66	....	....	10.40	11.34	11.77	10.87	7.99	8.34	9.28
25	9.04	7.49	8.55	....	9.87	10.65	11.34	11.90	11.05	6.50	9.04	9.21
Eom	8.67	7.47	7.97	....	9.70	10.82	11.45	11.06	10.91	7.08	8.94	9.29
1972												
5	9.42	....	7.95	9.09	9.61	8.06	10.03	9.55	10.99	11.40	12.20	10.68
10	....	....	8.41	9.26	9.35	8.55	10.26	10.28	10.89	11.80	12.07	10.42
15	....	....	8.41	9.17	9.24	9.19	10.04	10.55	10.86	11.82	12.05	10.10
20	....	7.36	9.00	9.24	8.66	9.45	10.12	10.86	11.16	12.00	11.79	9.52
25	....	7.33	8.71	9.45	8.09	9.72	9.91	11.10	11.35	12.05	11.40	9.32
Eom	....	7.64	8.83	9.77	7.56	9.86	....	11.16	11.51	12.07	10.97	9.11
1973												
5	8.74	7.58	7.43	7.87	9.05	9.41	9.41	11.02	11.86	12.18	....	....
10	8.95	7.50	7.46	7.25	9.07	9.65	9.91	11.08	11.90	12.30	....	....
15	8.81	7.20	7.43	7.97	9.39	9.99	10.30	11.24	11.85	....	....	....
20	8.37	7.50	8.02	8.20	9.49	10.32	10.64	11.30	11.91	....	....	....
25	8.49	8.20	8.22	8.45	9.54	....	10.91	11.51	12.04	....	....	....
Eom	8.50	8.12	8.67	9.09	9.38	9.16	10.95	11.71	12.13	....	....	....

Sampson County

350030078194001. Local number NC-24. City of Clinton. Drilled unused artesian well in Tuscaloosa Formation of Late Cretaceous age; diam 8 in (20 cm), previously reported 6 in (15 cm); depth 325 ft (99 m); multi-screened. Led 157.5 ft (48.0 m) above msl. MP top of casing, 0.55 ft (0.17 m) above lsd. Highest water level 17.83 ft (5.43 m) below lsd, Oct. 13, 1964; lowest 28.69 ft (8.74 m) below lsd, Oct. 15, 1970. Records available: 1963-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	26.48	26.23	25.91	24.96	24.55	25.23	25.33	25.05	24.99	.....	25.44	25.98
10	26.46	26.17	25.62	24.77	24.69	25.23	25.11	25.09	25.07	.....	25.55	25.79
15	26.51	26.18	25.56	24.70	25.23	25.07	25.19	24.82	.....	.....	25.79	25.84
20	26.44	26.12	25.28	24.49	24.81	24.95	25.33	24.74	.....	25.74	25.67	.....
25	26.51	26.03	25.12	24.58	24.91	25.01	25.50	24.93	.....	25.88	25.90	.....
Eom	26.51	26.05	25.07	24.51	25.07	25.01	25.50	24.96	.....	25.86	25.85	.....
1970												
5	.....	25.27	24.91	24.61	24.42	.....	26.36	26.72	26.73	26.92	26.52	26.84
10	.....	25.13	24.91	25.03	24.67	25.33	26.59	26.54	26.91	27.37	26.61	27.13
15	.....	25.05	25.12	24.87	24.87	25.60	26.59	27.03	26.84	27.74	26.40	26.94
20	25.67	24.93	24.95	24.88	24.92	25.85	26.62	26.53	27.19	27.08	26.61	26.69
25	25.77	25.31	24.75	24.70	.....	26.02	26.25	26.48	27.05	26.74	26.90	26.73
Eom	25.64	25.08	24.71	24.56	.....	25.99	26.68	26.88	26.81	26.60	26.73	26.97
1971												
5	26.70	.....	24.24	23.71	23.52	24.77	25.39	25.08	23.52	22.82	22.37	23.36
10	26.86	.....	24.07	23.63	23.67	24.84	25.19	25.29	23.27	22.60	22.58	23.26
15	26.64	.....	23.47	23.74	23.59	24.84	25.47	25.35	23.01	22.61	22.70	23.36
20	26.63	.....	23.90	24.04	23.58	24.90	25.51	24.12	23.26	22.50	22.72	23.48
25	.....	.....	23.99	23.77	23.53	24.92	25.27	23.97	23.41	22.24	23.14	23.71
Eom	.....	24.87	23.87	23.42	23.88	25.46	24.91	23.42	23.46	22.22	23.12	23.73
1972												
5	23.91	23.49	22.74	23.26	23.63	.....	26.03	25.20	25.70	25.54	.....	.....
10	24.05	23.38	22.87	23.36	23.88	.....	26.06	25.11	25.58	25.50	.....	24.80
15	23.75	23.05	22.89	23.29	.....	.....	26.04	25.14	25.73	.....	.....	24.72
20	23.77	22.92	23.01	23.49	.....	.....	.....	25.54	25.79	.....	.....	24.75
25	23.77	22.80	23.08	23.53	.....	24.76	25.44	25.84	25.79	.....	.....	24.58
Eom	23.73	22.76	23.13	23.80	.....	26.19	25.13	25.59	25.54	.....	.....	24.57
1973												
5	24.45	23.65	22.39	21.00	21.14	22.88	22.67	24.88	25.35	.....	.....	24.71
10	24.47	23.53	22.06	20.76	21.26	22.69	23.62	.....	24.76	.....	.....	24.71
15	24.46	23.11	21.83	21.10	21.39	23.82	24.33	.....	24.62	.....	.....	24.71
20	24.33	22.90	22.04	20.99	21.86	22.78	24.49	24.09	24.59	.....	25.47	24.57
25	24.15	22.70	22.03	20.97	21.95	22.49	24.54	24.01	25.12	.....	24.59	24.34
Eom	24.09	22.49	21.83	21.29	22.05	22.55	24.80	24.54	26.22	.....	24.59	24.29

Transylvania County

351808082374301. Local number NC-127. C. F. Baldwin. Blantyre. Dug unused water-table well in granite of Paleozoic age, diam 5 ft (2 m), depth 50 ft (15 m), lined with rock. Led 2,205.39 ft (672.20 m), previously reported 2,106.39 ft (642.03 m), above msl. MP top of wooden platform, 1.00 ft (0.30 m) above lsd. Highest water level 25.84 ft (7.88 m) below lsd, May 21, 1973; lowest 41.32 ft (12.59 m) below lsd, Jan. 2, 1945, Dec. 25-27, 1954, Jan. 2, 3, 7, 1955. Records available: 1932-73.

351808082374301--Continued.

Water level for the day, from nonrecording gage, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	33.48	32.58	31.57	30.08	28.93	28.68	29.18	30.14	30.93	31.20	31.51	31.86
10	33.34	32.50	31.31	29.88	28.80	28.72	29.27	30.29	30.93	31.26	31.61	31.72
15	33.25	32.39	31.15	29.63	28.78	28.78	29.42	30.50	30.99	31.31	31.68	31.82
20	33.01	32.16	30.79	29.40	28.66	28.84	29.56	30.63	31.04	31.40	31.73	31.87
25	32.94	31.91	30.51	29.27	28.62	28.99	29.71	30.66	31.02	31.46	31.82	31.84
Eom	32.84	31.79	30.33	29.11	28.61	29.09	29.96	30.87	31.13	31.53	31.80	31.71
1970												
5	31.76	31.23	30.79	29.80	28.78	28.78	30.15	31.91	33.10	33.98	34.58	33.93
10	31.69	31.11	30.59	29.60	28.66	28.99	30.34	32.14	33.26	34.10	34.63	33.81
15	31.60	31.12	30.50	29.43	28.61	29.24	30.74	32.39	33.41	34.22	34.56	33.71
20	31.47	30.98	30.39	29.20	28.60	29.41	30.98	32.55	33.54	34.39	34.45	33.62
25	31.38	30.83	30.19	29.06	28.57	29.65	31.33	32.76	33.67	34.49	34.30	33.53
Eom	31.33	30.83	30.03	28.92	28.71	29.95	31.61	32.97	33.80	34.39	34.12	33.47
1971												
5	33.24	32.75	32.05	30.57	29.70	29.66	30.44	31.87	32.77	33.58	33.92	32.70
10	33.26	32.69	31.85	30.39	29.65	29.68	30.67	32.06	32.88	33.68	33.76	32.13
15	33.23	32.55	31.65	30.19	29.63	29.72	30.86	32.23	33.02	33.85	33.57	32.13
20	33.15	32.45	31.47	30.01	29.59	29.91	31.11	32.38	33.18	33.95	33.30	31.96
25	33.05	32.26	31.17	29.88	29.58	30.05	31.35	32.49	33.35	33.83	33.10	31.81
Eom	32.89	32.19	30.90	29.78	29.59	30.26	31.67	32.65	33.44	33.99	32.85	31.58
1972												
5	31.37	30.19	29.45	29.34	29.23	29.05	.....	.....	.....	.....	.....	.....
10	31.08	30.01	29.42	29.35	29.20	28.99	.....	.....	.....	.....	.....	.....
15	30.89	29.82	29.31	29.22	29.14	28.97	.....	.....	.....	.....	.....	.....
20	30.71	29.70	29.32	29.25	29.16	28.56	.....	.....	.....	.....	.....	.....
25	30.55	29.59	29.29	29.23	29.14	28.83	.....	.....	.....	.....	.....	.....
Eom	30.32	29.52	29.29	29.25	29.07	28.89	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 1, 1972	28.91	Nov. 13, 1972	32.66	Apr. 2, 1973	27.43	Aug. 13, 1973	27.71
3	28.92	20	32.54	9	27.02	20	27.80
10	28.90	27	32.47	10	26.99	27	27.90
13	28.85	28	32.49	16	26.87	Sept. 3	28.02
17	28.89	Dec. 4	32.34	23	26.44	10	28.14
24	28.94	11	32.14	30	26.25	17	28.38
31	29.13	18	31.81	May 6	26.06	24	28.66
Aug. 6	29.33	28	31.48	14	25.96	Oct. 1	28.94
14	29.64	Jan. 1, 1973	31.26	21	25.84	8	29.18
21	29.90	8	30.95	28	25.89	10	29.27
23	29.98	9	30.89	June 3	26.00	15	29.40
28	30.16	15	30.64	11	25.97	22	29.61
Sept. 4	30.45	22	30.32	18	25.98	Nov. 5	30.03
11	30.80	29	29.87	25	26.15	12	30.30
17	31.09	Feb. 5	29.45	July 2	26.40	19	30.45
28	31.43	12	29.39	5	26.45	26	30.62
Oct. 2	31.69	19	29.07	9	26.66	27	30.68
4	31.82	26	28.85	16	26.87	Dec. 3	30.82
9	31.89	Mar. 5	28.56	22	27.78	10	30.83
16	32.19	6	28.50	23	27.19	17	30.84
23	32.38	12	28.24	30	27.42	24	30.73
30	32.32	19	27.77	Aug. 6	27.63	31	30.22
Nov. 6	32.62	26	27.67				

Tyrrell County

355545076143001. Local number NC-71. Columbia. Drilled unused artesian well in Yorktown Formation of early and late Pliocene age (previously reported of late Miocene age), diam 2 in (5.1 cm), depth 128 ft (39 m), cased to 128 ft (39 m). Lsd 3 ft (1 m) above msl. MP top of instrument shelf, 0.70 ft (0.21 m) above lsd. Highest water level 1.27 ft (0.39 m) below lsd, Aug. 12, 13, 20-29, 1967; lowest 5.49 ft (1.67 m) below lsd, Oct. 15, 1968. Records available: 1967-70. Measurement discontinued Aug. 7, 1970.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	2.65	2.44	2.60	2.69	3.43	....	2.86	....	2.80	2.64	3.00
10	....	2.58	2.28	2.46	2.67	3.43	....	2.66	....	3.05	2.62	2.55
15	3.17	2.67	2.44	2.72	2.84	3.44	....	2.71	....	3.05	2.64	2.67
20	2.72	2.75	2.46	2.31	2.91	3.51	....	2.68	3.20	3.09	2.56	2.48
25	2.61	2.70	2.28	2.50	3.41	3.49	3.41	2.84	2.99	3.21	2.89	2.40
Eom	2.73	2.64	2.59	2.51	3.43	3.61	2.93	....	3.00	3.26	2.78	2.45
1970												
5	2.79	2.52	2.45	2.08	2.28	2.82	2.94	3.39	....	....	....	....
10	....	2.53	2.32	2.25	2.28	3.00	3.08	....	....	....	....	....
15	....	2.29	2.35	2.23	2.70	3.22	3.15	....	....	....	....	....
20	....	2.57	2.30	2.36	2.66	3.28	3.53	....	....	....	....	....
25	2.54	2.59	2.42	2.37	2.92	3.31	3.16	....	....	....	....	....
Eom	2.71	2.54	2.38	2.23	2.56	3.07	3.32	....	....	....	....	....

## Washington County

354834076255001. Local number NC-65. M. V. Cahoon Farm. Near Creswell. Drilled unused artesian well in Castle Hayne Limestone Formation of middle and late Eocene age, diam 2 in (5.1 cm), depth 228 ft (69 m), drilled to 249 ft (76 m), cased to 249 ft (76 m). Lsd 6 ft (2 m) above mal. MP top of instrument shelf, 2.80 ft (0.85 m) above lsd (since Feb. 29, 1972). Highest water level 0.29 ft (0.09 m) above lsd, May 3, 1972; lowest 2.45 ft (0.75 m) below lsd, Oct. 20, 1970. Records available: 1967-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	1.93	1.76	1.96	1.93	2.07	1.98	1.98	2.07	1.98	....	1.93
10	....	1.87	1.53	2.00	1.85	2.05	2.02	1.89	1.97	....	....	1.84
15	2.14	1.86	1.79	2.07	2.06	2.06	2.07	1.94	2.06	....	....	1.76
20	1.99	1.76	1.88	1.83	2.01	1.98	2.10	1.83	2.07	....	1.87	1.86
25	1.96	1.72	1.71	1.90	2.00	2.02	2.05	1.95	1.82	....	2.02	1.86
Eom	2.02	1.81	2.11	1.89	1.95	2.13	2.05	2.09	1.97	....	1.86	1.72
1970												
5	1.94	1.92	1.66	1.70	1.69	1.77	....	1.97	2.00	2.15	2.12	2.06
10	1.85	1.62	1.66	1.61	1.70	1.76	....	2.01	2.05	2.16	2.38	2.15
15	1.88	1.79	1.67	1.54	1.75	1.87	e2.1	2.07	2.03	2.29	2.15	2.17
20	1.76	1.75	1.77	1.59	1.77	1.78	2.00	1.95	2.04	2.45	2.27	2.05
25	1.84	1.68	1.66	1.68	1.76	1.81	2.01	1.92	2.09	2.26	2.34	1.93
Eom	1.87	1.80	1.70	1.73	1.88	2.11	1.90	2.02	2.04	2.40	2.32	2.00
1971												
5	2.00	2.00	2.00	2.21	2.10	2.14	2.00	1.78	1.69	1.46	1.45	....
10	2.01	2.00	2.09	2.12	2.14	2.04	2.03	1.81	1.60	....	1.48	....
15	2.02	1.92	2.06	2.10	2.15	1.96	1.84	1.83	1.47	....	1.50	....
20	2.04	2.02	1.99	2.08	2.09	2.08	1.86	1.79	1.74	....	1.37	....
25	2.01	2.10	2.20	1.96	2.10	2.00	1.89	1.79	1.82	....	1.47	....
Eom	1.87	2.09	2.07	2.06	1.96	2.07	1.88	1.64	1.65	....	1.35	....
1972												
5	1.34	1.58	1.51	1.50	1.24	....	1.57	1.43	1.52	1.70	....	....
10	1.44	1.65	1.67	1.55	h1.42	....	1.67	1.39	1.53	1.55	....	....
15	1.47	1.48	1.45	1.41	....	....	1.50	1.47	1.57	1.61	....	....
20	1.52	1.33	1.48	1.56	....	1.43	1.57	1.48	1.61	1.62	....	....
25	1.48	1.45	1.36	1.44	....	1.35	1.48	1.53	1.70	....	....	....
Eom	1.51	1.53	1.11	1.68	....	1.44	1.50	1.54	1.58	....	....	....
1973												
5	....	1.28	1.36	1.03	0.45	1.28	1.28	1.43	1.56	1.60	1.69	1.89
10	....	1.26	....	1.15	.72	1.32	1.33	1.46	1.54	1.64	1.75	1.78
15	....	1.23	....	.94	1.10	1.34	1.39	1.46	1.46	1.62	1.80	1.70
20	1.22	1.35	....	.98	1.18	1.32	1.49	1.44	1.54	1.65	1.83	1.77
25	1.29	1.40	....	.94	1.10	1.27	1.49	1.47	1.57	1.65	1.84	1.74
Eom	1.34	1.38	1.31	.59	1.20	1.19	1.43	1.54	1.61	1.60	1.82	1.68

e Estimated.

h Tape measurement.

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# SOUTH CAROLINA

The observation-well program in South Carolina, begun in 1946, has been revamped during the period 1969 through 1973 in cooperation with the South Carolina Water Resources Commission. 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 on page 1. Local well numbers are also given. Local well numbers are designated by abbreviations derived from county names and followed by serial numbers. Thus, AK-183 represents well number 183 in Aiken County. Wells with local numbers S-411, S-138, and 4-M are Aiken County wells within the Savannah River Plant.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet above or below the land-surface datum for all wells. The mean level for the day is reported for all wells monitored by A.D.R. recorders except for HO-35 in 1969 where only tapedown measurements are reported. The Noon (1200) reading for the day is reported for all wells monitored by Type F (graphic) recorders. Highest or lowest levels may be reported for years prior to 1969 for wells being published for the first time that have a record for more than five years.

### Aiken County

331705081391501. Local number S-138. U.S. Atomic Energy Commission. Savannah River Plant. Drilled unused artesian well in sand of Eocene age, diam 3 in (7.6 cm), depth 90 ft (27 m), casing depth not applicable. Lsd 292 ft (89 m) above msl. MP top of casing, 0.88 ft (0.27 m) above lsd. Highest water level 32.30 ft (9.85 m) below lsd, Apr. 28, 1960; lowest 54.68 ft (16.67 m) below lsd, Feb. 12, 1955. Records available: 1951-60, 1966, 1968-69, 1972-73. No measurement made in 1961-65, 1967, 1970-71.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 21, 1951	48.65	Nov. 24, 1951	50.48	June 13, 1952	45.95	June 1955	53.80
28	48.74	Dec. 10	50.52	27	45.91	September	53.30
July 5	48.94	21	50.36	July 17	46.12	December	53.50
12	49.06	26	50.33	Aug. 14	46.58	March 1956	53.00
19	49.16	Jan. 3, 1952	50.37	Sept. 17	47.22	June	50.60
30	49.39	9	50.26	Oct. 16	47.98	September	50.50
Aug. 3	49.40	17	50.24	Nov. 13	48.67	December	51.80
10	49.67	24	49.94	Jan. 20, 1953	50.07	March 1957	52.70
17	49.67	30	50.37	Mar. 2	50.31	June	52.50
23	49.80	Feb. 6	50.20	Apr. 3	49.59	September	52.60
30	49.92	13	49.94	May 4	49.41	December	51.50
Sept. 6	50.03	21	49.89	June 3	48.67	March 1958	48.50
13	50.13	27	49.73	July 24	48.56	June	42.70
20	50.27	Mar. 5	49.75	Sept. 16	49.56	September	44.50
27	50.15	12	49.39	Oct. 6	49.68	December	47.90
Oct. 4	50.19	18	49.04	Nov. 3	50.30	March 1959	48.00
11	50.28	25	48.58	Dec. 9	50.89	June	46.00
18	50.34	Apr. 2	48.00	March 1954	51.60	September	46.00
29	50.54	9	47.83	June	52.00	December	40.50
Nov. 5	50.62	16	47.41	September	53.50	March 1960	37.00
9	50.55	23	47.00	December	54.30	June	38.00
15	50.51	May 13	46.28	March 1955	54.60	September	41.00

### Lowest water level for the day, from recorder graph, 1966

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	42.52	42.81	.....	41.25	.....	.....	41.38	.....	42.17	43.25	.....	45.19
10	42.62	42.83	.....	41.02	.....	.....	41.40	42.04	42.65	43.36	.....	45.10
15	42.61	42.90	.....	40.88	.....	41.29	.....	42.03	42.66	43.62	44.51	45.36
20	42.73	42.86	.....	41.06	.....	.....	.....	42.18	42.76	43.83	44.59	45.33
25	42.72	.....	.....	.....	41.12	.....	.....	.....	42.93	43.77	44.69	45.65
Eom	42.77	.....	41.13	.....	41.14	.....	41.83	.....	.....	.....	44.93	.....
1968												
5	h49.24	49.29	.....	49.83	50.12	50.47	50.57	50.87	51.22	51.55	51.87	52.17
10	49.16	49.30	49.54	49.88	50.13	50.49	50.60	50.90	51.18	51.58	51.90	.....
15	49.11	49.36	h49.77	49.82	50.19	.....	50.64	50.95	51.29	51.60	h51.94	52.23
20	49.20	49.33	.....	49.93	50.27	.....	50.70	51.02	51.36	51.68	52.06	52.26
25	49.25	49.45	49.76	50.02	50.34	50.47	50.73	51.03	.....	51.71	52.11	52.33
Eom	49.25	49.41	49.74	50.01	50.42	50.57	50.81	51.16	51.47	.....	52.16	.....



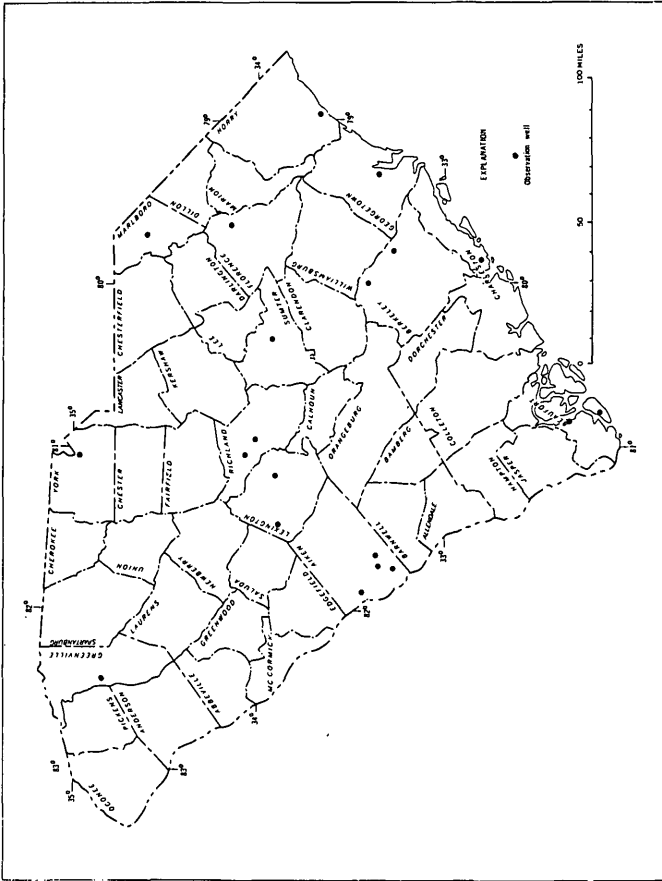


Figure 9.--Location of observation wells in South Carolina, 1969-73.

331705081391501--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	51.78	51.51	51.21	.....	51.08	51.32	51.62	.....	51.77	52.27
10	.....	51.82	51.73	51.48	51.14	51.07	51.10	51.62	51.62	51.67	52.06	.....
15	.....	51.77	51.79	.....	51.15	51.09	51.18	51.44	51.65	51.70	52.08	.....
20	51.59	.....	51.67	51.44	51.07	51.07	51.16	.....	51.64	.....	.....	52.33
25	.....	51.74	51.59	51.38	51.11	51.07	51.22	51.51	51.58	.....	.....	52.40
Eom	.....	51.75	51.68	51.24	51.03	51.08	51.32	51.57	51.62	51.84	.....	52.41
1972												
5	.....	.....	.....	.....	43.65	44.08	.....	44.86	44.57	44.03	.....	.....
10	.....	.....	.....	.....	43.60	44.13	.....	44.72	44.35	44.96	.....	.....
15	.....	.....	.....	.....	43.58	44.26	.....	44.75	44.34	.....	.....	.....
20	.....	.....	.....	.....	43.70	44.19	.....	44.82	44.19	.....	.....	.....
25	.....	.....	.....	43.59	43.79	.....	.....	44.74	44.09	.....	.....	.....
Eom	.....	.....	.....	.....	43.90	.....	44.88	44.62	44.14	.....	.....	.....
1973												
5	.....	46.11	44.24	.....	40.63	40.80	.....	39.58	.....	.....	41.08	41.92
10	.....	45.61	43.87	41.56	40.54	40.77	.....	39.38	.....	40.27	41.35	42.18
15	.....	45.07	43.27	41.42	40.60	40.50	.....	39.28	39.58	41.12	41.36	42.27
20	.....	44.95	43.02	41.01	40.51	40.12	39.49	.....	39.77	40.58	41.56	42.34
25	.....	44.73	42.83	40.66	40.56	39.97	39.50	.....	39.89	40.59	41.65	42.52
Eom	.....	44.55	42.71	41.85	40.75	39.74	39.44	.....	39.98	40.79	42.05	42.55

h Tape measurement.

331320081440501. Local number S-411. U.S. Atomic Energy Commission. Savannah River Plant. Drilled unused artesian well in sand of Late Cretaceous age, diam 2 in (5.1 cm), depth 270 ft (82 m), cased to 265 ft (81 m). Lsd 157.53 ft (48.02 m) above msl. MP top of casing, 17.82 ft (5.43 m) above lsd. Highest water level 15.60 ft (4.75 m) above lsd, Apr. 17, 1964; lowest 10.00 ft (3.05 m) above lsd, September 1956. Records available: 1952-60, 1966, 1971-73. No measurement made in 1961-65, 1967-70. Sept. 18, 1952, +14.50; Oct. 20, +15.20; Nov. 14, +15.00.

Highest water level for the day, above lsd, from recorder graph, 1953												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	+12.81	+12.26	+12.12	+11.91	+12.87	+12.70	+12.74
10	.....	.....	.....	.....	.....	12.77	12.29	12.32	.....	12.88	12.68	.....
15	.....	.....	.....	.....	.....	12.85	12.13	12.23	12.20	12.80	12.83	.....
20	.....	.....	.....	.....	.....	12.67	12.22	12.06	12.27	12.69	13.07	.....
25	.....	.....	.....	.....	.....	12.85	12.08	11.95	12.30	13.00	12.92	.....
Eom	.....	.....	.....	.....	.....	12.36	12.05	11.84	12.73	12.79	12.59	.....
Lowest water level for the day, above lsd, from recorder graph, 1954												
5	.....	.....	.....	.....	.....	.....	.....	.....	+11.49	+11.14	+11.82	+11.93
10	.....	.....	.....	.....	.....	.....	.....	+12.38	11.54	11.14	11.78	.....
15	.....	h+12.83	h+12.83	.....	.....	.....	.....	12.10	11.48	11.27	11.91	11.96
20	.....	.....	.....	.....	.....	.....	.....	12.08	11.48	11.45	11.99	11.91
25	h+12.90	.....	.....	.....	.....	.....	.....	11.66	11.33	11.67	11.93	11.93
Eom	.....	.....	.....	.....	.....	.....	.....	11.77	11.21	11.81	11.80	11.96
1955												
5	+12.08	+11.91	+12.21	+12.21	+12.24	+11.38	.....	+11.73	+11.35	+11.05	+11.08	+11.60
10	12.05	12.30	12.27	12.25	11.75	11.43	+11.82	11.85	11.30	11.01	11.22	11.47
15	.....	12.24	12.28	.....	11.71	11.67	11.89	11.78	11.39	11.07	11.24	11.39
20	12.08	12.14	12.35	12.51	11.73	11.82	11.77	11.61	11.56	10.93	11.25	.....
25	12.03	12.12	12.44	12.45	11.60	.....	11.73	11.60	.....	10.92	11.32	11.24
Eom	12.00	12.20	12.17	12.29	11.80	11.45	11.55	11.37	11.10	11.00	11.57	11.30

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
March 1956	+12.20	June 1957	+11.70	September 1958	+11.40	December 1959	+12.75
June	11.90	September	11.00	December	12.15	March 1960	13.75
September	10.00	December	12.00	March 1959	12.75	June	13.10
December	11.90	March 1958	12.55	June	12.50	September	12.90
March 1957	11.80	June	11.60	September	12.00	December	13.40

Lowest water level for the day, above lsd, from recorder graph, 1966												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	+14.21	+15.30	+14.73	+14.34	.....	+14.88	+14.52	+13.80	+13.85	+13.60	+13.54
10	.....	14.21	.....	14.82	14.40	.....	14.77	14.43	+13.62	13.78	13.70	13.65
15	+14.26	.....	15.34	.....	14.42	.....	.....	14.16	13.71	13.71	13.56	13.58
20	.....	14.32	15.22	14.52	.....	.....	.....	14.06	13.80	13.71	13.60	13.51
25	14.33	14.50	.....	14.59	.....	+14.81	.....	13.94	13.81	13.77	13.53	13.41
Eom	.....	.....	.....	14.41	.....	.....	14.44	14.04	+13.92	13.69	13.64	13.47
Water level at noon, above lsd, from recorder graph, 1971												
5	+10.74	+10.85	+11.45	+11.53	.....	+11.16	+11.34	.....	.....	+10.29	+11.40	+11.57
10	10.73	10.87	11.97	11.27	+11.15	.....	11.37	.....	+11.49	.....	.....	11.68
15	10.80	10.89	11.82	.....	11.26	11.30	.....	+11.34	11.44	11.30	.....	.....
20	.....	10.88	.....	11.28	.....	.....	11.31	11.73	11.41	.....	.....	.....
25	10.80	10.92	.....	11.31	11.28	11.29	.....	11.58	11.29	.....	.....	.....
Eom	10.89	10.96	.....	11.20	.....	.....	.....	.....	11.28	.....	11.42	11.46
1972												
5	.....	+11.86	.....	.....	+11.11	+11.19	.....	.....	+12.06	+11.79	+11.80	+12.03
10	.....	11.80	.....	.....	11.10	11.20	.....	+11.79	11.96	11.89	11.90	12.14
15	.....	11.90	.....	.....	11.13	11.08	.....	12.06	11.90	.....	11.90	12.39
20	.....	.....	.....	.....	11.26	11.45	.....	12.08	11.80	.....	11.94	12.42
25	+11.99	.....	.....	.....	11.38	.....	.....	12.09	11.74	.....	12.10	12.76
Eom	11.94	.....	.....	+11.05	11.35	.....	.....	12.06	11.91	11.76	12.11	12.87

33132008140501--Continued.

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+12.88	+13.09	+12.96	+13.79	+13.45	+13.61	+13.40	.....	+12.96	+12.97	+13.00	+12.97
10	12.76	13.26	13.18	14.07	13.38	13.78	13.22	.....	12.90	13.01	12.76	12.95
15	12.82	13.26	13.26	13.82	13.24	13.45	13.18	.....	12.90	13.02	12.86	13.12
20	12.73	13.16	13.34	13.83	13.21	13.92	13.02	+13.10	12.75	13.01	12.79	13.03
25	12.49	13.00	13.46	13.64	13.15	13.86	12.92	13.01	12.82	13.02	12.89	12.87
Eom	12.69	12.82	13.66	13.52	13.23	13.66	12.94	12.95	12.90	13.10	12.78	12.98

h Tape measurement.

331940081443501. Local number 4-M. Formerly AK-2. U.S. Government, Atomic Energy Commission. Savannah River Plant. Drilled unused artesian well in sands of the Tuscaloosa Formation of Late Cretaceous age; diam 18 in (46 cm) to 318 ft (97 m), 8 in (20 cm) 279-605 ft (85-184 m); depth 605 ft (184 m); cased to 605 ft (184 m); screened 390-400 ft (119-122 m), 455-465 ft (139-142 m), 590-600 ft (180-183 m). Lsd 357 ft (109 m) above msl. MP top of casing, at lsd. Highest water level 144.82 ft (44.14 m) below lsd, Feb. 23, 1966; lowest 159.22 ft (48.53 m) below lsd, May 29, 1957. Records available: 1955-73.

Mean water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	151.16	151.40	151.46	151.14	151.05	151.43	151.90	152.24	151.98	152.11	152.11	152.52
10	151.45	151.22	151.30	151.18	151.12	151.41	152.01	152.07	151.93	152.01	152.17	152.35
15	151.51	151.52	151.68	151.08	151.31	151.36	152.10	152.95	151.94	152.15	152.02	152.33
20	151.25	151.60	151.48	151.01	151.13	151.41	152.06	152.04	151.89	152.17	151.99	152.50
25	151.38	151.42	151.24	151.20	151.28	151.62	152.06	151.99	152.10	151.98	151.96	152.34
Eom	151.54	151.50	151.44	151.01	151.24	151.83	152.04	e152.08	152.03	152.04	152.24	152.39

1970

5	152.46	152.75	152.44	152.54	152.88	153.00	153.13	153.53	153.91	153.83	153.66	153.75
10	152.72	152.44	152.43	152.67	152.78	153.10	153.33	153.22	153.91	153.90	153.52	153.92
15	152.67	152.58	152.64	152.62	153.02	153.22	153.45	153.76	153.95	153.90	153.66	153.76
20	152.40	152.80	152.72	152.46	152.94	153.34	153.35	153.81	153.79	153.70	153.65	153.66
25	152.48	152.52	152.68	152.81	152.80	153.40	153.56	153.56	153.97	153.55	153.79	153.47
Eom	152.44	152.67	152.36	152.93	153.07	153.35	153.44	153.61	153.86	153.72	153.40	153.50

1971

5	153.53	153.75	153.56	153.22	153.46	153.62	153.20	153.10	153.00	152.90	152.78	152.38
10	153.54	153.83	153.50	153.24	153.33	153.46	153.21	153.12	152.92	152.59	152.64	152.42
15	153.60	153.58	153.24	153.13	153.44	153.42	153.13	153.14	152.88	152.84	152.54	152.32
20	153.52	153.72	153.34	153.12	153.56	153.49	153.13	153.12	152.87	152.86	152.52	152.12
25	153.37	153.70	153.42	153.18	153.53	153.42	153.18	153.96	152.94	152.60	152.71	152.03
Eom	153.48	153.56	153.40	153.16	153.42	153.38	153.24	153.96	152.84	152.68	e152.68	151.98

1972

5	152.02	.....	151.50	151.34	151.54	e151.23	150.63	150.85	153.09	153.34	153.32	152.88
10	152.21	.....	151.84	151.27	151.36	151.12	150.64	153.71	153.31	153.51	153.27	152.83
15	152.30	.....	151.49	151.32	151.27	.....	150.70	153.44	153.47	153.27	153.18	152.69
20	.....	.....	151.49	151.50	151.23	150.58	150.67	153.28	153.50	153.57	152.98	152.82
25	.....	151.54	151.47	151.25	151.18	150.84	150.51	153.39	153.41	153.26	152.86	152.54
Eom	.....	151.49	151.30	151.23	.....	150.86	150.60	153.42	153.28	153.36	153.04	152.50

1973

5	152.49	152.59	152.17	151.75	151.69	151.79	150.94	150.74	150.19	149.93	149.35	149.07
10	152.59	152.33	152.13	151.60	151.56	151.42	151.00	150.58	150.13	149.77	149.64	148.91
15	152.41	152.32	152.17	151.83	151.55	151.50	151.02	150.50	150.28	149.57	149.36	149.09
20	152.57	152.46	151.99	151.88	151.71	151.29	151.14	150.30	150.29	149.81	149.33	149.09
25	152.64	152.43	151.91	151.55	151.84	151.87	151.11	150.45	150.10	149.66	149.03	148.99
Eom	152.59	152.46	151.85	151.73	151.79	151.07	151.87	150.52	149.88	149.37	149.46	148.70

e Estimated.

33255081531501. Local number AK-183. Formerly AK-1. Lyles and Lang Construction Co. Near Beech Island. Drilled unused artesian well in sands of Late Cretaceous age, diam 10 in (25 cm), depth 320 ft (98 m), cased to 320 ft (98 m), screened 290-320 ft (88-98 m). Lsd 254 ft (77 m) above msl. MP top of casing, 0.85 ft (0.26 m) above lsd. Highest water level 89.85 ft (27.39 m) below lsd, Mar. 15, 1968; lowest 99.43 ft (30.31 m) below lsd, Mar. 4, 1958. Records available: 1952-73.

Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	92.25	92.18	92.71	92.43	92.23	92.63	92.81	92.66	92.73	92.75	92.61	92.84
10	92.25	92.31	92.33	92.56	92.22	92.69	92.87	92.76	92.69	92.78	92.57	92.13
15	92.46	92.56	92.58	92.54	92.47	92.57	92.99	92.82	92.78	92.68	92.77	92.72
20	92.13	92.67	92.39	91.95	92.32	92.66	92.88	92.82	92.60	92.78	92.84	92.79
25	92.25	92.58	92.24	91.68	92.50	92.83	92.88	92.80	92.37	92.86	92.83	92.75
Eom	92.20	92.69	92.56	91.72	92.53	92.90	92.94	92.96	92.71	92.72	92.70	92.78

Lowest water level for the day, from recorder graph, 1970

5	92.99	93.18	92.68	92.62	92.81	92.80	.....	93.12	.....	.....	.....	.....
10	93.13	92.78	92.79	92.64	92.92	92.87	.....	92.96	.....	.....	.....	.....
15	93.10	92.89	92.97	92.76	93.07	93.06	.....	93.11	.....	93.54	.....	94.02
20	92.25	92.98	92.87	92.68	92.90	93.12	.....	93.09	.....	.....	.....	.....
25	93.09	92.87	92.77	92.78	93.02	93.00	93.15	93.11	.....	93.35	.....	94.07
Eom	.....	92.87	92.66	92.93	92.93	93.14	93.00	.....	.....	93.35	93.92	94.07

Water level at noon, from recorder graph, 1971

5	.....	93.87	92.81	92.86	.....	93.35	.....	.....	.....	.....	.....	.....
10	.....	.....	92.52	.....	93.07	93.16	.....	.....	.....	.....	.....	.....
15	93.72	92.81	93.05	e92.95	92.96	.....	.....	.....	.....	.....	.....	.....
20	94.04	93.69	93.16	.....	.....	93.12	.....	.....	.....	.....	.....	.....
25	93.77	e93.69	e93.05	92.84	93.12	93.02	.....	.....	.....	.....	.....	.....
Eom	93.85	93.72	93.24	92.97	.....	93.58	.....	.....	.....	.....	.....	.....

332555081531501--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	92.53	92.09	92.69	92.69	92.90	93.07	.....	92.82
10	.....	.....	.....	.....	92.59	92.08	92.67	92.68	92.75	92.89	92.97	93.22
15	.....	.....	.....	.....	92.53	91.92	92.85	92.87	93.03	.....	92.97	93.29
20	.....	.....	.....	.....	92.51	92.45	92.87	92.77	92.98	.....	92.93	93.23
25	.....	.....	.....	.....	92.47	92.66	92.99	92.77	93.04	.....	92.97	93.59
Eom	.....	.....	.....	.....	92.37	92.45	92.75	92.83	93.32	.....	92.88	93.35
1973												
5	92.90	92.88	92.90	91.89	92.21	92.56	92.32	.....	92.50	92.73	92.72	92.41
10	92.78	92.56	92.67	91.51	92.17	92.42	92.30	.....	92.30	92.80	92.55	92.51
15	92.75	92.71	92.45	92.07	92.33	92.42	92.35	.....	.....	92.81	92.42	93.39
20	92.90	92.84	92.28	91.99	92.34	92.41	92.44	92.24	92.69	92.62	92.55	92.40
25	92.61	92.90	92.25	92.01	92.42	.....	.....	92.38	92.76	92.69	93.39	92.60
Eom	92.65	92.88	92.31	92.21	92.34	92.44	.....	92.54	92.51	92.49	92.62	92.37
e Estimated.												

e Estimated.

Beaufort County

321551080491003. Local number BFT-429. South Carolina Wildlife and Marine Resources Dept. Victoria Bluff. Northwest of Hilton Head Island. Drilled observation artesian well in Ocala Limestone of late Eocene age, diam 6 in (15 cm), depth 300 ft (91 m), cased to 100 ft (30 m), open hole. Lsd 22.0 ft (6.7 m) above msl. MP top of casing, 1.46 ft (0.45 m) above lsd. Highest water level 21.56 ft (6.57 m) below lsd, Oct. 22 and Nov. 1, 1971; lowest 24.50 ft (7.47 m) below lsd, Aug. 4, 1972. Records available: 1970-73.

Mean water level for the day, from recorder graph, 1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	22.75	23.29	23.42	23.18	23.06	22.72	23.06
10	.....	.....	.....	.....	.....	22.83	23.55	23.12	23.10	22.78	22.77	23.11
15	.....	.....	.....	.....	.....	22.87	23.62	23.02	22.87	22.69	22.63	23.08
20	.....	.....	.....	.....	.....	23.02	23.36	23.04	23.08	22.59	22.77	23.08
25	.....	.....	.....	.....	.....	23.14	23.51	23.16	23.16	22.60	23.14	22.99
Eom	.....	.....	.....	.....	.....	23.21	23.47	23.07	22.95	22.31	22.95	22.47
1971												
5	22.69	22.79	22.62	22.50	22.87	23.06	23.27	23.35	22.36	22.54	22.02	21.98
10	22.59	23.10	22.70	22.81	22.95	23.19	23.28	23.17	22.10	22.55	21.95	22.19
15	22.70	23.09	22.62	22.95	22.90	22.91	23.10	22.95	22.41	22.69	22.21	22.35
20	22.82	22.98	22.97	22.86	22.79	22.97	23.45	22.75	22.56	22.13	22.06	22.33
25	22.76	22.43	22.43	22.72	22.69	23.00	23.36	22.68	22.56	22.12	22.30	22.24
Eom	22.81	22.43	22.62	22.68	22.78	23.31	23.44	22.60	22.40	21.98	22.30	22.23
1972												
5	22.19	21.67	22.34	22.46	22.70	22.71	23.12	24.14	.....	23.27	23.95	23.70
10	22.25	22.38	22.62	22.50	22.62	22.83	22.75	24.01	.....	23.51	23.85	23.67
15	22.40	22.32	22.45	22.50	22.22	23.02	23.11	23.52	23.20	23.73	23.94	23.40
20	22.33	22.66	22.54	22.64	22.34	22.63	23.26	23.26	23.26	23.90	23.62	23.45
25	22.37	22.37	22.38	22.53	22.34	23.03	23.45	23.10	23.41	23.66	23.44	23.24
Eom	22.33	22.20	22.11	22.61	22.2	23.04	24.09	.....	23.61	23.86	23.46	23.22
1973												
5	23.18	23.24	22.69	22.56	22.89	23.90	23.22	23.72	23.37	23.13	23.84	23.92
10	23.03	22.54	22.48	22.62	22.91	23.60	23.38	23.38	23.44	23.19	23.73	23.72
15	23.10	22.45	22.50	22.72	23.08	23.39	23.44	23.52	23.33	23.17	23.72	23.62
20	22.97	22.57	22.64	22.72	23.13	23.31	23.41	23.51	23.12	23.35	23.86	23.43
25	23.18	22.85	22.42	22.84	23.35	23.11	23.48	23.29	23.06	23.22	23.70	23.86
Eom	23.30	22.83	22.36	23.04	23.59	23.13	23.45	23.33	22.96	23.54	24.18	23.81

321125080423000. Local number BPT-444. Palmetto Dunes Development Corp. Southern part of Hilton Head Island. Drilled unused artesian well in Ocala Limestone of late Eocene age, diam 6 in (15 cm), depth 212 ft (65 m), cased to 146 ft (45 m), open hole to 212 ft (65 m). Lsd 8 ft (2 m) above msl. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 17.11 ft (5.22 m) below lsd, Apr. 8, 1973; lowest 23.53 ft (7.17 m) below lsd, July 30, 1973. Records available: 1973.

Mean water level for the day, from recorder graph, 1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	18.22	18.37	19.47	20.44	20.27	20.51	19.91	19.82	20.32	21.00
10	.....	.....	18.05	18.51	20.10	19.55	20.25	20.35	19.84	19.90	20.13	19.93
15	.....	.....	18.03	18.77	19.44	20.10	20.14	20.64	19.66	20.20	20.56	19.67
20	.....	.....	18.44	19.24	20.36	19.88	20.79	20.38	19.40	20.17	20.11	18.95
25	.....	.....	18.44	19.59	20.72	19.26	20.61	19.52	19.37	19.45	20.06	19.43
Eom	.....	.....	17.92	19.74	19.63	19.89	20.79	19.68	19.01	20.17	20.24	19.65

Berkeley County

331708079413800. Local number BRK-53. Town of Jamestown. Jamestown. Drilled unused artesian well in Santee Limestone of middle Eocene age, diam 6 in (15 cm), depth 32 ft (10 m), cased to 28 ft (9 m), open hole to 32 ft (10 m). Lsd 32 ft (10 m) above msl. MP top of casing, 0.56 ft (0.17 m) above lsd. Highest water level 3.77 ft (1.15 m) below lsd, Feb. 15, 1973; lowest 14.44 ft (4.40 m) below lsd, Nov. 27, 30, 1972. Records available: 1971-73.

331708079413800--Continued.

Mean water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.86	6.05	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.68	6.92	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.53	7.88	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.85	8.23	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	10.07	6.62	8.78	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	10.54	5.92	8.35	.....

1972

5	.....	.....	.....	8.34	11.16	11.51	11.31	11.35	10.76	12.42	.....	12.97
10	.....	.....	.....	8.92	11.41	11.89	11.00	10.10	11.36	12.80	.....	11.22
15	.....	.....	.....	9.28	11.66	11.95	10.52	10.01	11.44	12.98	.....	10.35
20	.....	.....	.....	9.74	11.72	11.84	10.02	10.66	11.54	e13.19	.....	.....
25	.....	.....	.....	10.24	11.57	11.92	9.79	11.28	11.87	.....	.....	.....
Eom	.....	.....	.....	10.76	11.36	11.60	10.78	11.42	12.06	.....	13.69	.....

1973

5	.....	5.68	5.17	4.95	8.72	11.66	9.38	6.85	8.34	6.76	11.10	12.65
10	.....	5.37	4.51	5.05	9.24	11.83	7.43	7.24	9.19	8.60	11.62	12.64
15	7.07	3.77	4.95	6.06	9.79	6.83	8.33	8.21	8.12	9.55	11.69	12.72
20	7.79	3.84	5.84	6.74	10.18	7.06	9.05	6.06	8.69	9.36	12.04	11.99
25	8.31	4.68	6.63	7.33	10.77	7.88	7.65	7.43	9.35	10.04	12.21	11.40
Eom	7.72	5.13	6.89	8.24	11.36	8.74	8.23	7.79	9.95	10.56	12.54	10.93

e Estimated.

332455079555000. Local number BRK-59. Turner Lumber Co. St. Stephens. Drilled unused artesian well in sands of Late Cretaceous age; diam 6 in (15 cm) to 146 ft (45 m), 4 in (10 cm) 146-560 ft (45-171 m); depth 560 ft (171 m); screened or slotted 356-390 ft (109-119 m). Lsd 75 ft (23 m) above ms1. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 18.25 ft (5.56 m) below lsd, Apr. 8, 1973; lowest 20.40 ft (6.22 m) below lsd, Dec. 7, 1973. Records available: 1973.

Water level at noon, from recorder graph, 1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	18.45	18.42	18.60	18.92	18.55	e19.19	19.45	19.77	19.97	20.23
10	.....	.....	18.56	18.34	18.66	18.93	18.51	19.24	19.48	19.72	20.20	20.14
15	.....	.....	18.54	18.49	18.64	18.70	18.54	19.25	19.68	19.79	20.08	20.22
20	.....	.....	18.57	18.62	18.71	18.69	18.91	19.21	19.87	19.86	20.11	19.96
25	.....	18.51	18.54	e18.66	18.76	e18.80	18.96	19.34	19.85	19.81	20.10	19.95
Eom	.....	18.57	18.58	.....	18.92	.....	19.02	19.48	19.94	19.98	20.38	19.88

e Estimated.

Charleston County

325025079574501. Local number CHN-136. Exxon Co. At plant. Northwest of Charleston. Drilled unused artesian well in limestone and sand of Eocene age; diam 10 in (25 cm) to 290 ft (88 m), 8 in (20 cm) 290-504 ft (88-154 m); depth 504 ft (154 m); screened with slotted pipe 339-369 ft (103-112 m), 459-504 ft (140-154 m). Lsd 15 ft (5 m) above ms1. MP top of casing, 1.45 ft (0.44 m) above lsd. Highest water level 81.58 ft (24.87 m) below lsd, Nov. 1, 1973; lowest 118.67 ft (36.17 m) below lsd, Aug. 30, 1971. Records available: 1971-73.

Mean water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	115.61	113.70	102.56	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	113.45	113.61	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	111.66	112.32	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	114.51	108.34	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	112.33	113.98	107.87	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	114.80	113.89	107.97	.....	.....

1972

5	.....	.....	.....	94.42	103.85	99.73	107.93	87.90	103.56	102.92	94.81	99.00
10	.....	.....	.....	97.52	.....	105.35	103.66	108.19	86.16	104.76	102.67	99.26
15	.....	.....	.....	94.97	.....	106.01	105.39	106.90	85.26	102.24	102.38	100.53
20	.....	.....	.....	97.06	.....	105.74	104.89	105.20	96.89	103.28	89.25	102.02
25	.....	.....	.....	94.87	.....	92.12	106.46	98.58	103.24	101.82	82.71	101.68
Eom	.....	.....	.....	95.02	98.75	85.64	108.64	88.63	106.03	102.57	80.56	99.69

1973

5	101.49	101.69	101.69	96.93	96.47	96.59	94.02	92.58	91.45	91.58	93.61	84.56
10	100.95	100.77	100.77	95.99	96.62	96.15	93.71	91.85	91.35	92.21	93.52	82.83
15	100.48	98.79	98.79	95.94	95.57	96.12	94.03	92.10	91.54	93.25	93.23	87.51
20	99.19	98.00	98.00	96.14	96.68	94.91	93.59	92.46	91.95	92.20	94.00	83.89
25	102.13	98.78	98.78	95.93	95.93	95.03	92.79	91.80	91.77	93.29	92.61	87.56
Eom	103.06	98.28	95.89	e96.00	97.13	95.37	92.75	91.65	94.45	92.99	85.28	88.53

e Estimated.

Florence County

341150079345000. Local number FLO-128. E. I. Dupont Nemours Co. Near Mars Bluff. On the Pee Dee River. Drilled unused artesian well in sands of Late Cretaceous age; diam 4 in (10 cm); depth drilled 802 ft (244 m); depth measured by logger 860 ft (140 m); cased to 802 ft (244 m); screened 264-292 ft (80-89 m) 327-333 ft (100-101 m), 375-381 ft (114-116 m), 678-690 ft (207-210 m). Lsd 96.90 ft (29.54 m) above ms1. MP top of casing, 1.43 ft (0.44 m) above lsd. Highest water level 37.31 ft (11.37 m) below lsd, Apr. 8, 1973; lowest 44.97 ft (13.71 m) below lsd, May 11, 1972. Records available: 1971-73.

341150079345000--Continued.

Mean water level for the day, from recorder graph, 1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	40.99	40.60	39.35	40.33
10	.....	.....	.....	.....	.....	.....	.....	.....	41.13	40.40	39.60	40.21
15	.....	.....	.....	.....	.....	.....	.....	.....	41.16	40.20	40.05	40.17
20	.....	.....	.....	.....	.....	.....	.....	.....	41.15	40.00	40.29	40.26
25	.....	.....	.....	.....	.....	.....	.....	.....	41.08	39.72	40.44	40.31
Eom	.....	.....	.....	.....	.....	.....	.....	40.77	41.03	39.18	40.29	40.31
1972												
5	40.37	39.89	40.03	40.09	40.31	40.48	39.27	40.65	40.66	.....	40.72	40.27
10	40.38	40.24	40.22	40.16	43.29	40.66	39.90	40.65	40.70	.....	40.64	40.24
15	39.70	39.36	40.38	40.18	42.21	40.85	40.23	40.73	40.79	.....	40.63	40.20
20	39.48	39.60	40.34	40.21	40.91	40.84	40.55	40.81	40.73	.....	40.42	39.47
25	39.83	39.68	40.26	40.27	40.24	40.43	40.59	.....	40.74	.....	40.34	38.72
Eom	40.04	39.83	40.17	40.37	40.32	39.48	40.58	40.70	40.57	40.78	40.23	38.67
1973												
5	39.18	38.62	39.33	38.33	39.24	39.66	39.44	40.01	40.29	40.24	40.39	.....
10	39.18	37.48	38.82	37.51	39.37	39.78	39.65	39.91	40.24	40.36	40.46	.....
15	39.33	37.98	38.45	37.87	39.55	39.67	39.89	40.18	40.09	40.38	40.45	.....
20	39.53	38.40	38.47	38.50	39.72	39.74	40.03	40.04	40.23	40.38	40.47	.....
25	39.43	38.71	38.44	39.05	39.94	39.80	39.95	40.07	40.33	40.40	40.43	.....
Eom	39.18	39.29	38.74	39.45	39.99	39.38	40.03	40.15	40.29	40.38	.....	.....

Georgetown County

332339079173500. Local number GEO-77. Georgetown Rural Water District. North of Georgetown. Drilled unused artesian well in sands of the Peedee and Black Creek Formations of Late Cretaceous age; diam 10 in (25 cm) to 445 ft (136 m), 8 in (20 cm) 445-748 ft (136-228 m); depth 748 ft (228 m); cased to 748 ft (228 m); screened 490-520 ft (149-158 m), 580-660 ft (177-201 m), 720-740 ft (219-226 m); gravel packed. Lsd 22 ft (7 m) above msl. MP top of casing, 2.10 ft (0.64 m) above lsd. Highest water level 70.10 ft (21.37 m) below lsd, May 6, 1969; lowest 96.82 ft (29.51 m) below lsd, Nov. 21-23, 1973. Records available: 1969-73.

Mean water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	70.11	70.36	72.89	74.90	77.05	78.17	78.96	78.92
10	.....	.....	.....	.....	70.18	70.64	73.25	75.32	77.50	78.29	79.15	78.53
15	.....	.....	.....	.....	70.46	70.60	73.61	75.73	77.95	78.40	79.15	78.45
20	.....	.....	.....	.....	70.29	70.65	74.17	74.16	78.13	78.66	79.15	78.36
25	.....	.....	.....	.....	70.21	70.99	74.29	74.69	78.06	78.90	79.16	78.21
Eom	.....	.....	.....	.....	70.21	71.54	74.77	75.26	78.14	79.06	78.98	78.16
1970												
5	e78.21	79.29	79.36	79.15	79.60	80.39	81.25	82.73	83.14	83.42	82.84	83.38
10	78.20	79.25	79.25	79.11	79.70	80.44	81.52	82.92	83.27	83.39	82.93	83.50
15	78.23	79.41	79.28	79.17	79.89	80.54	81.88	83.18	83.24	83.37	82.93	83.67
20	78.37	79.48	79.19	79.18	80.10	80.63	82.00	83.26	83.17	83.35	83.02	83.61
25	78.63	79.36	79.21	79.40	80.38	80.89	82.11	83.13	83.21	82.98	83.25	83.48
Eom	79.05	79.49	79.22	79.62	80.38	81.22	82.25	83.13	83.26	82.79	83.28	83.47
1971												
5	83.38	e83.48	83.58	84.77	84.74	85.28	86.31	84.22	83.32	83.90	83.23	81.33
10	83.36	83.51	83.61	84.74	84.93	85.58	86.06	84.08	83.30	83.88	82.90	80.98
15	83.28	83.51	83.85	84.68	84.92	85.89	85.44	83.79	83.40	83.74	82.46	80.56
20	83.39	83.59	84.13	84.61	84.92	86.10	84.98	83.60	83.60	83.70	81.95	.....
25	83.32	83.64	84.56	84.52	85.00	86.35	84.63	83.27	83.79	83.45	81.64	.....
Eom	83.27	83.59	84.73	84.56	84.98	86.49	84.35	83.27	83.88	83.40	81.24	.....
1972												
5	.....	.....	79.67	79.56	79.90	80.55	81.70	83.27	85.06	84.83	85.57	84.78
10	.....	79.56	79.76	79.60	79.97	80.78	81.94	83.71	85.17	85.02	85.50	84.67
15	.....	79.69	79.59	79.53	80.05	81.06	81.93	84.10	85.13	85.08	85.31	84.68
20	.....	79.67	79.64	79.64	80.19	81.06	82.11	84.44	85.03	85.41	85.19	84.95
25	.....	79.59	79.53	79.73	80.19	81.25	82.31	84.72	84.90	85.43	85.03	84.94
Eom	.....	79.61	79.43	79.92	80.28	81.44	82.89	84.96	84.71	85.55	84.77	85.07
1973												
5	.....	.....	.....	88.29	88.97	90.25	90.28	91.03	92.56	95.27	96.58	96.56
10	.....	.....	.....	88.32	89.27	90.30	90.37	91.16	93.00	95.65	96.72	96.41
15	.....	.....	.....	88.53	89.63	90.19	90.61	91.22	93.49	95.93	96.70	96.26
20	.....	.....	.....	88.53	89.76	90.22	91.12	91.27	94.06	96.18	96.81	96.09
25	.....	.....	.....	88.59	89.83	90.12	91.03	91.47	94.51	96.29	96.71	96.18
Eom	.....	.....	88.24	88.81	90.06	90.15	91.06	92.04	93.91	96.40	96.74	96.14

e Estimated.

Greenville County

345335082185800. Local number GRV-709. School District of Greenville County. Brushy Creek Elementary School. Northeast of City of Greenville. Drilled unused water-table well in metamorphic rock of Precambrian to Paleozoic age; diam 6 in (15 cm); depth 80 ft (24 m), cased to 6 ft (2 m), open hole below casing. Lsd 926 ft (282 m) above msl. MP top of casing, 1.79 ft (0.55 m) above lsd. Highest water level 23.81 ft (7.26 m) below lsd, June 28, 1973; lowest 28.55 ft (8.70 m) below lsd, Dec. 22, 1973. Records available: 1973.

34533082185800--Continued.

Water level at noon, from recorder graph, 1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	24.15	23.85	24.55	25.39	26.26	27.12	28.06
10	.....	.....	.....	.....	.....	24.05	23.91	24.64	25.56	26.39	27.32	28.22
15	.....	.....	.....	.....	24.25	.....	24.01	.....	25.73	26.51	27.41	28.37
20	.....	.....	.....	.....	24.25	23.94	24.14	.....	25.88	26.65	27.64	28.41
25	.....	.....	.....	.....	24.25	23.85	24.27	25.08	26.03	26.79	27.74	.....
Eom	.....	.....	.....	.....	24.25	23.86	24.41	25.25	26.13	26.94	27.95	.....

Horry County

334037078542600. Local number HO-35. City of Myrtle Beach. Myrtle Beach. Drilled unused artesian well in the Peedee and Black Creek Formations of Late Cretaceous age, diam 8 in (20 cm), depth 459 ft (140 m), cased to 454 ft (138 m), gravel packed. Lsd 25.2 ft (7.7 m) above ms1. MP top of casing, 1.20 ft (0.37 m) above lsd. Highest water level 28.20 ft (8.60 m) below lsd, Mar. 22, 1971; lowest 50.36 ft (15.35 m) below lsd, Apr. 29, 1973. Records available: 1965-73. Water levels affected by distant pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1965	34.88	Dec. 3, 1965	35.88	Oct. 28, 1966	44.57	Jan. 29, 1968	36.28
Feb. 26	36.35	29	37.15	Nov. 30	42.10	Apr. 4	36.91
Mar. 26	32.92	Mar. 5, 1966	37.60	Dec. 29	43.17	Aug. 7	49.96
May 7	36.15	Apr. 2	40.31	Jan. 27, 1967	43.61	Sept. 10	42.73
28	44.21	30	40.98	Mar. 2	43.70	Oct. 10	42.68
July 2	40.68	June 28	43.65	27	29.53	Nov. 14	39.78
28	41.18	Aug. 5	44.35	May 3	33.65	May 26, 1969	43.29
Aug. 20	42.40	Sept. 10	42.72	June 1	34.10	Aug. 28	43.87
Sept. 24	43.03	30	43.28	July 11	33.87	Nov. 18	42.12
Nov. 5	38.34						

Mean water level for the day, from recorder graph, 1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	40.67	39.70	39.55	41.43	40.45	46.56	.....	.....	.....	.....	.....	.....
10	40.10	39.60	39.24	41.53	42.84	46.36	.....	.....	.....	.....	.....	.....
15	40.75	39.55	39.37	41.50	40.05	46.70	.....	.....	.....	.....	.....	.....
20	39.80	39.27	39.61	41.75	42.27	46.98	.....	.....	.....	.....	.....	.....
25	39.75	39.60	39.30	42.13	42.51	.....	.....	.....	.....	.....	.....	.....
Eom	39.77	.....	40.97	42.25	46.00	.....	.....	.....	.....	.....	.....	.....

1971

5	.....	.....	.....	29.93	29.98	32.00	33.31	34.73	33.12	.....	.....	.....
10	.....	.....	.....	29.86	30.16	32.58	33.82	34.87	33.28	.....	.....	31.26
15	.....	.....	.....	30.30	30.33	32.79	33.91	35.28	.....	.....	.....	31.25
20	.....	.....	.....	30.59	30.39	32.66	33.86	33.16	.....	.....	.....	31.21
25	.....	.....	28.44	30.43	30.72	32.97	33.90	33.47	.....	.....	.....	31.23
Eom	.....	.....	29.44	30.04	31.27	33.35	34.53	33.46	.....	.....	.....	31.08

1972

5	31.26	30.27	30.21	30.97	32.03	32.74	36.59	36.45	36.21	37.27	42.34	43.04
10	31.42	30.08	30.44	31.06	32.16	33.08	37.63	36.14	35.48	40.83	42.01	42.64
15	31.28	29.88	30.66	31.03	32.28	33.36	38.10	36.48	35.50	42.77	41.67	41.93
20	31.20	29.80	30.62	31.26	31.83	34.14	40.48	36.27	35.20	43.03	41.29	42.63
25	31.16	29.93	30.76	31.62	32.13	35.65	36.90	36.46	35.08	42.92	41.08	42.72
Eom	30.75	30.02	30.79	31.88	32.40	35.97	38.07	36.60	35.50	42.90	42.94	42.26

1973

5	41.77	48.44	45.01	43.37	46.20	32.18	41.87	43.32	44.53	47.56	41.88	41.75
10	40.83	47.00	43.59	43.82	44.34	35.89	42.34	43.22	46.70	42.72	41.50	39.80
15	41.73	46.95	43.42	43.85	44.30	39.03	43.18	43.81	44.18	43.67	41.76	40.74
20	41.97	46.24	43.42	44.59	41.04	40.11	43.28	43.26	44.45	43.28	42.07	40.66
25	41.76	46.10	41.95	46.05	31.45	40.95	40.28	43.69	41.11	41.86	42.35	39.81
Eom	42.66	45.67	43.34	46.67	31.79	40.44	42.89	43.46	39.54	42.51	41.90	38.23

Lexington County

335250081102501. Local number LEX-79. Pennsylvania Sand and Glass Co. Edmund. Drilled unused artesian well in sand of Late Cretaceous age, diam 6 in (15 cm), depth 252 ft (77 m), cased to 250 ft (76 m). Lsd 376 ft (115 m) above ms1. MP top of recorder platform, at lsd. Highest water level 101.26 ft (30.86 m) below lsd, Dec. 1973; lowest 118.99 ft (36.27 m) below lsd, July 10, 1970. Records available: 1966, 1968-73. No measurement made in 1967.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	109.75	109.50	109.83	.....	112.56	113.53	112.62	112.60	112.01	.....	.....	.....
10	109.62	109.25	.....	.....	112.63	112.82	112.62	.....	114.10	113.30	.....	115.42
15	109.07	109.32	110.51	.....	.....	.....	112.77	.....	.....	113.40	114.60	115.64
20	.....	.....	109.46	109.10	112.61	112.42	112.81	113.52	.....	.....	.....	.....
25	.....	109.81	110.65	.....	112.36	112.82	112.38	113.73	.....	114.48	114.80	.....
Eom	108.02	109.30	110.58	.....	112.30	.....	.....	113.64	114.36	114.01	.....	.....

1968

5	117.35	116.78	117.25	117.96	.....	117.11	117.59	117.14	117.86	117.88	117.62	117.77
10	117.31	117.28	116.37	118.15	117.12	117.25	117.40	117.82	117.70	117.78	.....	117.70
15	.....	117.20	116.65	116.95	.....	117.69	117.60	117.90	114.15	117.60	.....	112.75
20	116.65	117.60	.....	117.70	117.24	117.73	.....	118.00	117.85	117.56	117.20	117.87
25	117.54	116.23	117.24	116.50	117.40	117.36	117.70	117.95	117.47	117.46	.....	117.42
Eom	117.69	117.51	.....	116.60	117.05	117.55	117.70	117.84	117.50	117.75	.....	117.87

335250081102501--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	117.89	118.17	118.02	118.13	118.06	.....	.....	117.07	116.85	116.96	116.96	117.81
10	118.16	117.92	118.00	118.22	118.40	.....	.....	117.04	116.81	116.98	117.00	115.61
15	118.16	115.98	117.94	118.27	118.40	.....	117.52	.....	116.80	117.12	117.28	116.80
20	117.60	115.27	115.82	118.67	.....	117.50	.....	116.87	116.85	117.13	112.40	114.25
25	117.97	.....	117.75	118.47	.....	117.34	117.33	116.81	116.82	117.26	114.35	113.18
Eom	117.80	114.05	118.02	118.38	116.86	117.32	117.35	116.07	116.86	117.01	116.24	.....
Mean water level for the day, from recorder graph, 1970												
5	115.38	117.07	117.24	.....	117.12	.....	.....	.....	.....	.....	.....	.....
10	115.89	116.72	117.42	.....	.....	.....	118.99	.....	.....	.....	.....	.....
15	114.79	.....	.....	117.95	118.78	.....	118.81	.....	.....	.....	.....	.....
20	111.95	117.09	.....	117.73	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	116.95	117.65	.....	.....	.....	116.18	.....	.....	.....	.....	.....
Eom	.....	117.25	117.64	118.37	.....	.....	.....	.....	.....	.....	.....	.....
1971												
5	.....	.....	.....	.....	.....	.....	.....	.....	110.42	109.92	108.65	107.36
10	.....	.....	.....	.....	.....	.....	.....	.....	110.93	109.76	109.00	107.43
15	.....	.....	.....	.....	.....	.....	.....	.....	110.17	109.95	107.53	107.50
20	.....	.....	.....	.....	.....	.....	.....	.....	108.30	109.61	107.01	106.93
25	.....	.....	.....	.....	.....	.....	.....	109.74	110.74	108.24	106.90	108.95
Eom	.....	.....	.....	.....	.....	.....	110.10	110.16	108.75	107.20	109.69	.....
1972												
5	109.56	110.34	109.75	108.95	109.30	106.62	109.89	109.13	109.80	111.16	110.63	110.96
10	109.47	110.41	108.45	110.21	108.81	106.54	107.95	109.62	111.13	111.50	111.58	108.78
15	110.13	110.10	108.81	108.78	108.65	108.85	107.30	109.84	111.11	111.30	111.63	111.73
20	110.88	109.85	108.61	108.61	109.40	106.42	109.16	109.91	110.45	111.29	111.57	112.23
25	110.39	110.10	107.25	109.08	108.94	105.04	109.21	109.98	108.35	110.28	111.20	107.99
Eom	109.41	110.09	107.33	108.61	108.83	110.58	108.56	110.42	110.98	110.56	110.94	110.82
1973												
5	112.80	110.32	111.11	110.11	108.38	107.86	104.09	101.62	101.93	104.79	103.69	104.73
10	112.92	110.53	107.63	109.86	108.18	103.83	103.91	104.33	103.96	105.25	104.77	105.05
15	112.59	110.45	108.27	110.09	107.68	104.11	103.99	104.28	102.54	105.92	104.55	105.22
20	112.78	110.65	108.12	110.04	107.34	103.97	105.58	104.24	102.43	106.47	104.84	103.43
25	113.08	111.09	107.96	109.51	106.72	102.97	105.36	104.17	102.34	105.87	104.85	102.41
Eom	112.76	111.07	107.90	109.32	108.29	103.23	105.15	105.46	102.17	103.85	105.16	105.32

e Estimated.

h Tape measurement.

335440081303001. Local number LEX-88. Town of Leesville. Leesville. Drilled unused artesian well in sands of Tertiary age; diam 16 in (41 cm) to 14.5 ft (4.4 m), 8 in (20 cm) 14.5-125 ft (4.4-38 m); depth 125 ft (38 m); cased to 125 ft (38 m). Led 645 ft (197 m) above msl. MP top of recorder platform, 2.20 ft (0.67 m) above lsd. Highest water level 25.08 ft (7.64 m) below lsd, Apr. 26, 1973; lowest 31.25 ft (9.53 m) below lsd, Mar. 16, 1972. Records available: 1972-73.

Mean water level for the day, from recorder graph, 1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	30.35	.....	30.86	27.32	26.90	28.25	27.91	27.59	29.39	29.98	30.01
10	29.18	30.60	30.90	30.80	27.27	26.65	28.25	27.70	28.58	29.12	29.92	29.82
15	29.61	30.66	30.99	30.76	27.50	26.45	28.21	27.72	28.24	29.07	29.93	29.75
20	29.71	30.80	30.86	30.71	27.35	.....	28.13	27.69	.....	29.96	29.78	29.79
25	29.69	30.89	30.92	30.63	27.11	28.13	28.09	27.72	.....	30.00	29.63	29.50
Eom	30.04	.....	31.03	27.45	27.08	28.15	28.12	27.65	.....	29.83	29.80	29.51
1973												
5	29.66	28.94	27.93	26.30	25.62	26.53	25.68	26.50	27.50	28.22	29.17	29.89
10	29.41	28.83	27.69	25.59	25.69	26.50	25.70	26.69	27.68	28.41	29.41	29.83
15	29.48	28.38	27.33	25.60	25.81	26.70	25.83	26.90	27.73	28.52	29.51	29.96
20	29.53	28.35	27.10	25.43	25.85	26.53	26.07	26.98	28.00	28.77	29.62	29.76
25	29.61	28.32	26.82	25.18	26.14	25.86	26.11	27.16	27.97	28.94	29.51	29.79
Eom	29.42	28.32	26.60	25.54	26.35	25.93	26.39	27.46	28.09	29.07	29.83	29.65

Marlboro County

343715079411500. Local number MLB-112. Town of Bennettsville. Bennettsville. Near National Guard Armory. Drilled unused artesian well in sand of Late Cretaceous age, diam 8 in (20 cm), depth 345 ft (105 m), cased to 320 ft (98 m), perforated pipe 220-320 ft (67-98 m), screened 320-335 ft (98-102 m). Led 150 ft (46 m) above msl. MP top of concrete pad, 1.20 ft (0.37 m) above lsd. Highest water level 0.85 ft (0.26 m) below lsd, Feb. 2, 1973; lowest 4.79 ft (1.46 m) below lsd, Oct. 18, 1972. Records available: 1972-73.

Mean water level for the day, from recorder graph, 1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	2.44	2.80	2.85	3.59	....	2.95	3.27	3.89	4.35	....	2.93
10	....	1.84	3.04	2.87	3.67	....	3.25	3.53	4.00	4.58	3.47	2.71
15	2.60	2.20	3.14	3.01	3.49	....	3.60	3.86	4.24	4.59	3.58	2.48
20	1.45	2.28	2.96	3.20	....	....	4.00	3.50	4.34	4.63	2.83	2.66
25	2.34	2.56	2.79	3.43	....	3.15	3.76	3.84	4.43	3.86	2.92	2.15
Eom	2.51	2.58	2.93	3.50	....	3.18	....	3.88	4.24	....	2.65	2.27
1973												
5	2.29	1.47	1.88	1.78	3.02	3.84	2.63	2.90	3.03	2.99	3.78	3.73
10	2.34	1.63	2.06	1.68	3.13	3.27	2.29	3.24	2.79	3.23	3.83	2.95
15	2.16	1.19	2.00	2.17	3.28	3.17	2.75	3.50	2.76	3.39	3.81	2.83
20	2.08	1.89	2.36	2.54	3.38	2.85	2.70	3.61	2.52	3.54	3.89	2.12
25	2.28	2.23	....	2.75	3.52	2.27	2.43	2.26	2.97	3.68	3.71	2.36
Eom	2.18	2.22	....	2.82	3.66	2.74	2.98	2.83	3.10	3.70	3.74	2.30



Richland County

340335080583501. Local number RIC-40. Formerly RIC-1. Shakespeare Manufacturing Co. North of Columbia. Drilled unused water-table well in sand of Late Cretaceous age, diam 6 in (15 cm), depth 245 ft (75 m), cased to 233 ft (71 m), screened 98-105 ft (30-32 m). Lsd 390 ft (119 m) above ms1. MP top of casing, 0.37 ft (0.11 m) above lsd (since January 1969). Highest water level 69.91 ft (21.31 m) below lsd, May 23, 1960; lowest 84.28 ft (25.69 m) below lsd, May 16, 1952 (revised). Records available: 1945-52, 1957-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	80.31	79.70	80.16	80.00	79.86	.....	.....	78.36	78.61	78.72	78.57	79.34
10	80.43	.....	80.15	80.09	79.70	.....	.....	78.27	78.60	78.78	.....	79.18
15	80.50	79.56	80.27	80.19	79.74	.....	.....	78.92	.....	78.43	78.40	79.15
20	80.53	79.59	80.42	80.10	79.61	.....	.....	78.58	78.08	78.77	79.23	79.56
25	80.57	.....	79.97	80.03	79.11	79.11	78.63	78.51	78.52	78.87	79.19	79.57
Eom	80.58	80.01	80.31	79.98	79.43	79.02	78.48	78.46	78.68	78.48	79.09	79.30
1970												
5	79.77	.....	79.45	.....	79.99	.....	.....	.....	.....	.....	.....	.....
10	79.74	79.38	79.86	.....	79.94	.....	79.61	.....	.....	.....	.....	.....
15	79.80	79.44	.....	79.95	79.99	79.87	79.55	.....	.....	.....	.....	.....
20	79.83	79.57	80.10	79.91	80.00	.....	.....	.....	.....	.....	.....	.....
25	79.89	79.35	80.11	.....	.....	.....	79.84	.....	.....	.....	.....	.....
Eom	.....	79.40	80.14	.....	.....	79.66	.....	.....	.....	.....	.....	.....
1971												
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73.48
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73.60
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73.63
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73.73
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74.03
1972												
5	74.11	74.71	74.77	75.13	75.86	75.83	76.10	76.71	76.65	74.68	78.83	79.38
10	74.13	74.73	74.83	75.48	75.46	75.66	76.13	76.66	76.85	.....	78.78	79.33
15	74.38	74.59	74.61	75.45	75.36	75.73	76.11	76.52	76.80	.....	78.81	79.21
20	74.33	74.58	74.93	76.51	75.53	75.60	76.18	76.53	77.14	78.38	79.00	79.36
25	74.38	74.71	74.80	75.63	75.78	75.83	76.23	76.59	77.64	78.58	78.88	79.38
Eom	74.60	74.73	75.01	75.68	75.80	75.91	76.55	76.66	77.51	78.76	79.16	79.48
1973												
5	79.68	79.86	79.41	78.28	76.68	75.96	75.48	75.58	75.79	76.56	77.20	77.75
10	79.66	79.73	79.33	77.91	76.46	75.78	75.18	75.61	75.93	76.77	77.40	77.90
15	79.68	79.73	79.18	77.63	76.31	75.68	75.13	75.68	75.75	76.89	77.28	77.96
20	79.53	79.76	78.85	77.07	.....	75.68	75.38	75.71	76.29	76.91	77.48	78.04
25	79.68	79.63	78.58	76.98	76.01	75.58	75.42	75.89	76.38	76.93	77.56	78.15
Eom	79.88	79.66	78.36	77.00	76.06	75.58	75.43	75.88	76.42	77.33	77.80	78.38

340540081021508. Local number RIC-309. Heater Utilities Co. Lincolnshire Subdivision. Columbia. Drilled unused artesian well in granitic-gneiss and schist, diam 6 in (15 cm), depth 300 ft (91 m), cased to 90 ft (27 m). Lsd 260 ft (79 m) above ms1. MP top of casing, 0.57 ft (0.17 m) above lsd. Highest water level 7.89 ft (2.40 m) below lsd, Mar. 12, 1973; lowest 44.83 ft (13.66 m) below lsd, Dec. 30, 1973. Records available: 1971-73.

Water level at noon, from recorder graph, 1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.28	33.18	34.73
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.23	36.43	34.53
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	31.18	37.63	34.43
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	31.73	35.88	35.48
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	31.03	36.03	34.43
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	31.03	35.53	34.13
1972												
5	34.93	27.18	27.48	16.71	26.28	30.58	28.73	30.23	31.83	33.28	.....	25.43
10	35.43	25.48	22.40	22.93	29.53	32.53	29.23	29.65	32.98	33.23	28.02	24.61
15	28.83	26.43	19.58	26.88	27.23	32.38	30.23	30.63	34.25	32.13	27.58	23.03
20	30.83	27.43	18.58	28.43	26.83	30.93	29.13	31.43	36.28	.....	26.88	21.87
25	31.98	27.93	17.73	26.68	27.03	29.53	30.73	31.28	35.15	.....	26.43	19.51
Eom	30.53	28.73	16.61	27.53	25.63	28.43	29.73	30.58	33.73	.....	25.74	18.88
1973												
5	18.13	10.73	11.61	10.32	13.46	15.81	14.66	33.19	39.82	40.63	43.93	43.93
10	17.11	11.88	8.66	9.43	13.58	14.93	15.08	35.27	40.20	41.63	43.47	44.13
15	15.43	9.26	9.15	11.42	13.94	14.71	23.40	36.73	38.20	40.53	44.17	43.63
20	14.66	10.93	10.92	12.09	14.23	14.71	28.08	36.14	38.36	40.21	44.48	43.43
25	13.73	12.25	11.52	12.28	14.63	13.98	29.63	35.90	39.93	42.03	44.18	43.93
Eom	12.48	12.64	11.73	13.10	15.26	14.36	31.28	38.68	40.83	43.38	43.78	44.48

Sumter County

335602080204800. Local number SU-69. City of Sumter. Sumter. Municipal well field. Drilled unused artesian well in sand of the Black Creek Formation of Late Cretaceous age; diam 18 in (46 cm) to 248 ft (76 m), 8 in (20 cm) 208-618 ft (63-188 m); depth 805 ft (245 m); cased to 618 ft (188 m); screened 525-608 ft (160-185 m); gravel packed. Lsd 176 ft (54 m) above ms1. MP top of concrete pad, 0.42 ft (0.13 m) above lsd. Highest water level 43.55 ft (13.27 m) below lsd, Dec. 27, 1971; lowest 76.54 ft (23.33 m) below lsd, June 16, 1971. Records available: 1970-73. Water levels affected by pumping of nearby wells.

335602080204800--Continued.

Mean water level for the day, from recorder graph, 1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	60.28	68.02	.....	.....	63.32	56.78
10	.....	.....	.....	.....	.....	.....	62.27	54.97	.....	.....	63.20	63.61
15	.....	.....	.....	.....	.....	66.96	65.89	.....	.....	.....	58.39	62.41
20	.....	.....	.....	.....	.....	68.99	67.13	.....	.....	.....	60.42	56.58
25	.....	.....	.....	.....	.....	64.15	61.18	.....	.....	.....	61.58	49.84
Eom	.....	.....	.....	.....	.....	52.88	65.84	.....	.....	56.39	61.87	57.58
1971												
5	60.57	58.09	59.40	52.45	60.48	70.41	62.61	64.98	.....	.....	58.09	53.17
10	55.33	58.63	60.76	53.96	55.02	71.18	61.01	66.90	.....	.....	55.97	59.84
15	58.38	58.97	53.06	60.95	60.95	69.88	64.23	58.57	.....	.....	54.12	59.16
20	62.20	52.26	54.74	63.52	63.47	60.76	64.50	66.34	.....	.....	57.67	51.50
25	56.50	60.48	58.02	50.01	62.02	69.63	60.69	62.68	.....	60.44	62.71	46.35
Eom	52.26	50.95	57.07	64.28	58.59	70.40	63.85	69.67	.....	.....	59.79	57.93
1972												
5	57.72	55.71	50.68	59.28	64.28	57.79	55.70	67.69	61.09	68.10	62.15	.....
10	52.99	59.61	61.10	54.99	63.85	59.09	54.88	70.11	57.82	65.46	63.95	.....
15	55.03	57.18	60.22	60.91	57.25	63.84	58.70	70.14	69.78	58.81	59.74	.....
20	61.15	50.90	54.47	64.79	60.86	59.98	63.72	59.65	68.64	67.93	.....	.....
25	58.62	58.62	50.12	62.81	62.77	55.98	61.26	62.79	62.64	65.57	.....	.....
Eom	53.47	56.59	59.16	58.13	59.97	62.11	62.30	73.71	.....	65.64	63.07	.....
1973												
5	59.50	55.79	68.00	58.83	57.98	61.96	53.30	56.38	63.65	66.92	58.45	62.74
10	60.85	57.82	61.92	55.79	58.42	55.93	58.45	66.08	54.50	64.21	61.26	60.30
15	59.89	65.34	68.54	52.33	58.58	60.50	59.75	64.03	61.84	61.20	69.93	60.79
20	62.92	67.30	61.39	59.10	53.78	60.76	62.98	59.61	64.64	67.66	66.25	64.95
25	61.19	64.14	57.70	57.62	59.31	59.20	62.20	62.80	65.94	67.27	57.38	53.62
Eom	60.68	69.85	57.59	52.91	59.66	61.25	59.22	66.91	60.50	61.70	65.90	57.19

York County

350150081012500. Local number YK-147. Tega Cay Development Co. Port Mill. On Lake Wiley. Drilled unused water-table well in rock of Precambrian to Paleozoic age, diam 8 in (20 cm), depth 700 ft (213 m), cased to 50 ft (15 m), open hole below casing. Lsd 600 ft (183 m) above msl. MP top of casing, 0.75 ft (0.23 m) above lsd. Highest water level 18.71 ft (5.70 m) below lsd, Apr. 10, 1973; lowest 21.44 ft (6.53 m) below lsd, Nov. 13, 1972. Records available: 1972-73.

Mean water level for the day, from recorder graph, 1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.91	20.16
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.87	20.33
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.68	20.83	20.27
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.86	20.50	19.58
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.74	20.37	19.54
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.83	20.14	20.07
1973												
5	20.15	19.57	19.93	18.84	19.69	19.31	20.09	20.43	19.86	20.14	20.51	20.54
10	20.36	19.61	19.88	18.71	19.96	19.41	20.47	20.27	19.84	20.20	20.61	20.48
15	20.27	19.80	19.86	19.09	19.91	19.48	20.62	20.45	19.52	20.26	20.49	20.31
20	20.32	20.19	19.35	19.49	19.87	19.56	20.46	20.45	19.70	20.32	20.70	20.25
25	20.12	20.45	19.13	19.47	19.83	19.42	20.63	20.34	19.89	20.42	20.63	20.07
Eom	20.12	20.41	19.02	19.46	19.42	19.51	20.54	20.10	20.13	20.49	20.66	19.97

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# TENNESSEE

The observation-well program in Tennessee was continued during the period 1969 through 1973 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, as explained on page 1, and (2) a local well number that is provided as a simpler number, for continuity with other 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 previous reports 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 7½-minute quadrangle in which the well is located (arranged alphabetically, beginning with "A" in the southwest corner of the county and proceeding, omitting "I", 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 were inventoried. Thus, Br:E-1 is the first well of quadrangle "E" of Bradley County.

## Well Descriptions and Water-Level Measurements

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

### Bradley County

350503084505000. Local number Br:E-1. F. G. Trewitt. Near Cleveland. Dug unused water-table well in Conasauga Shale of Middle and Late Cambrian age, diam 36 in (91 cm), depth 25 ft (8 m), casing information not available. Lsd 850 ft (259 m) above msl. MP top of front shelter panel, 1.50 ft (0.46 m) above lsd. Highest water level 7.38 ft (2.25 m) below lsd, Dec. 19, 1967; lowest 24.97 ft (7.61 m) below lsd, Dec. 7-8, 1954. Records available: 1950-55, 1964-73. Recording gage removed February 1971.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	23.06	18.46	15.50	e13.60	13.70	16.95	e19.00	e20.35	21.40	21.87	22.54	23.02
10	22.97	17.37	14.82	e13.70	14.43	e17.40	e19.30	e20.55	21.52	21.96	22.62	23.06
15	22.99	16.86	14.43	.....	15.02	e17.70	e19.50	e20.75	21.66	22.09	22.71	23.07
20	22.68	15.89	e14.10	.....	15.40	e18.00	e19.70	e20.95	21.82	22.19	22.81	23.05
25	22.10	15.44	e13.80	.....	16.00	e18.35	e19.90	21.08	21.82	22.33	22.88	23.04
Eom	21.04	15.18	e13.40	.....	e16.40	e18.70	e20.15	21.24	21.78	22.45	22.95	e22.10
1970												
5	e22.06	20.18	16.74	10.65	12.72	17.15	18.95	20.41	21.62	22.35	22.13	21.69
10	e22.00	19.46	16.12	11.93	13.79	17.51	19.24	20.63	21.75	22.48	22.97	21.73
15	21.91	18.81	15.49	13.28	14.65	17.88	19.52	20.87	21.85	22.60	21.88	21.73
20	21.63	17.90	14.70	13.69	15.51	18.19	19.77	21.05	21.96	22.70	21.87	21.57
25	21.23	17.38	12.80	13.45	16.05	18.45	20.00	21.23	22.08	22.65	21.81	21.02
Eom	20.73	17.19	12.20	11.52	16.82	e18.85	20.20	21.46	22.20	22.45	21.72	20.43
1971												
5	19.96	13.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	19.14	13.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	18.82	12.73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	18.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	16.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	15.21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 19, 1971	12.57	Oct. 26, 1971	19.85	July 26, 1972	18.57	Feb. 13, 1973	9.90
Mar. 11	9.95	Nov. 26	15.10	Aug. 31	19.77	May 25	12.70
Apr. 21	12.47	Dec. 9	18.51	Sept. 25	20.75	July 20	17.05
May 24	15.57	Feb. 14, 1972	10.22	Oct. 26	20.48	Aug. 6	18.18
June 16	17.50	Mar. 29	9.40	Nov. 21	10.67	Sept. 14	20.05
July 22	17.57	Apr. 12	9.40	Dec. 14	14.65	Oct. 25	20.72
27	17.84	May 22	12.64	Jan. 15, 1973	10.79	Nov. 26	21.30
Aug. 20	17.33	June 14	15.99	26	10.47	Dec. 3	20.20
Sept. 29	19.32						

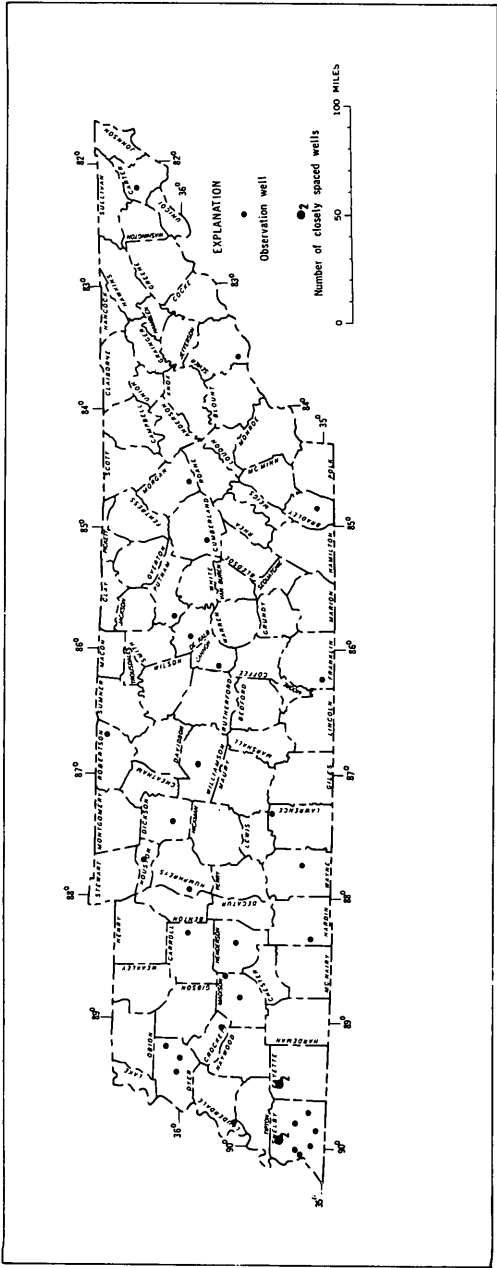


Figure 10.--Location of observation wells in Tennessee, 1969-73.

Cannon County

354823086104400. Local number Cn:D-1. Ray Barker. Near Readyville. Drilled unused water-table well in Lebanon Limestone of Middle Ordovician age, diam 6 in (15 cm), depth 30 ft (9 m), cased with steel. Lsd 715 ft (218 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 0.91 ft (0.28 m) below lsd, Mar. 11, 1968; lowest 19.38 ft (5.91 m) below lsd, Dec. 9, 10, 1968. Records available: 1967-73. Recording gage removed Feb. 16, 1971.

## Lowest water level for the day, from recorder graph, 1967

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	16.48	15.30	.....	16.82	16.70	16.42	17.12	15.91	.....
10	.....	.....	.....	16.64	15.18	.....	15.83	16.10	16.49	17.31	16.25	.....
15	.....	.....	.....	16.75	13.99	.....	16.26	16.50	16.74	17.29	16.48	17.41
20	.....	.....	.....	.....	.....	.....	16.44	16.44	16.83	17.37	16.60	16.98
25	.....	.....	.....	.....	14.58	.....	16.40	16.75	16.94	17.15	15.02	16.36
Eom	.....	.....	.....	.....	h15.10	16.52	16.68	16.11	17.13	17.09	14.19	18.00

1968

5	13.14	15.45	17.53	13.32	16.40	16.93	18.97	19.16	19.12	19.27	.....	19.01
10	.....	15.80	17.43	14.02	.....	17.33	19.00	.....	19.11	19.18	.....	19.38
15	.....	16.50	14.63	13.98	17.67	17.88	19.21	19.18	19.11	19.15	.....	18.80
20	14.03	16.65	14.49	15.10	17.71	18.14	19.16	19.23	19.21	19.06	.....	18.97
25	15.01	17.16	10.94	.....	17.71	18.42	19.15	19.18	19.09	19.12	19.23	19.00
Eom	15.87	17.26	13.52	13.75	16.23	18.63	19.15	19.12	19.21	19.26	19.25	18.36

1969

5	17.69	15.20	16.00	16.16	.....	.....	17.30	17.75	.....	.....	18.43	18.10
10	18.33	15.00	15.86	.....	.....	.....	17.42	17.84	.....	h18.08	h18.43	16.63
15	18.71	.....	16.57	.....	16.49	.....	17.38	18.03	.....	18.22	18.78	17.35
20	17.00	.....	15.85	.....	.....	16.85	17.72	17.93	.....	18.33	17.41	17.51
25	16.39	15.11	15.33	.....	.....	17.10	17.58	18.14	.....	18.60	17.94	17.03
Eom	14.01	15.25	16.55	.....	.....	17.32	17.54	18.29	.....	18.41	17.91	12.70

1970

5	14.48	16.15	15.45	14.67	14.93	16.56	16.15	e17.10	15.88	16.72	15.91	16.70
10	15.60	14.13	15.74	15.45	15.45	16.81	16.44	.....	16.32	16.85	16.33	16.80
15	15.78	13.22	15.83	15.93	15.78	17.04	16.77	.....	16.64	15.00	16.22	16.20
20	15.95	15.00	15.53	15.21	16.19	17.02	16.84	.....	15.60	15.53	15.60	.....
25	15.25	15.10	15.44	14.79	16.13	15.31	.....	.....	16.22	15.65	16.07	.....
Eom	16.68	15.51	15.58	14.68	16.58	16.02	.....	.....	16.45	15.66	16.38	.....

1971

5	.....	13.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	14.34	14.72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	14.23	13.81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	14.93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	12.43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	14.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Date	Water level
Feb. 16, 1971	13.80
Mar. 19	14.73
Apr. 2	13.97
May 5	15.62
June 8	15.59
July 8	16.60
Aug. 6	16.26

Date	Water level
Sept. 3, 1971	16.43
Oct. 7	16.93
Nov. 5	17.25
Dec. 3	17.15
Jan. 7, 1972	12.34
Feb. 18	12.96
Mar. 7	12.79

Date	Water level
Apr. 7, 1972	13.45
May 12	14.89
June 14	16.17
July 20	16.99
Aug. 4	15.74
Sept. 18	16.60
Oct. 3	14.91

Date	Water level
Nov. 7, 1972	13.95
Dec. 6	13.45
Mar. 6, 1973	17.80
May 30	13.99
Aug. 14	16.13
Nov. 15	15.49

Carroll County

360245088141500. Local number Cr:P-2. City of Bruceton. Drilled standby artesian well in Coffee Sand of Late Cretaceous age, diam 6 in (15 cm), depth 299 ft (91 m), cased to 259 ft (79 m), screened 259-299 ft (79-91 m). Lsd 422 ft (129 m) above msl. MP base of pump, 1.50 ft (0.46 m) above lsd. Highest water level 29.55 ft (9.01 m) below lsd, Mar. 21, 1962; lowest 50.86 ft (15.50 m) below lsd, Mar. 8, 1966. Records available: 1962-70. Measurement discontinued.

Jan. 7, 1969	39.40
Mar. 10	41.62
Apr. 8	38.50
May 9	38.17

June 6, 1969	38.32
July 1	38.66
Aug. 12	38.45
Sept. 4	38.58

Oct. 7, 1969	38.48
29	38.74
Nov. 28	38.80
Feb. 20, 1970	38.78

Mar. 24, 1970	39.15
Apr. 23	38.58
May 20	38.11
Sept. 11	40.85

Carter County

361738082132900. Local number Ct:H-1. Gap Creek Community. Near Elizabethton. Dug unused water-table well in Honaker Dolomite of Middle Cambrian age, diam 24 in (61 cm), depth 31 ft (9 m), casing information not available. Lsd 1,820 ft (555 m) above msl. MP top of concrete tile, 2.50 ft (0.76 m) above lsd. Highest water level 2.25 ft (0.69 m) below lsd, Mar. 16, 1973; lowest 26.01 ft (7.93 m) below lsd, Dec. 22, 23, 1970. Records available: 1964-73.

361738082132900--Continued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.00	10.84	12.83	14.74	14.94	15.12	15.50	15.72	17.63	18.39	20.36	19.80
10	14.20	6.80	12.91	14.97	14.58	15.56	14.98	16.21	15.39	19.11	20.67	19.86
15	15.76	16.71	14.44	15.01	15.02	14.36	14.76	16.47	16.70	e19.64	18.02	17.26
20	15.11	16.10	12.55	11.90	13.70	14.98	15.36	15.13	17.20	e20.18	17.97	18.35
25	14.92	11.48	13.22	13.78	14.88	13.74	14.18	15.58	17.93	e17.45	18.57	18.24
Eom	14.94	13.22	14.30	14.28	15.26	15.11	15.37	16.85	18.32	20.15	19.18	4.39
1970												
5	14.47	14.57	14.76	13.80	11.60	15.76	18.51	19.61	21.09	e23.00	24.11	25.33
10	15.11	12.85	14.89	14.89	14.14	16.17	18.94	19.81	21.42	e23.50	24.29	25.53
15	14.90	11.05	14.85	15.06	14.80	16.65	19.43	20.09	21.75	e24.20	24.51	25.73
20	13.64	10.41	15.14	15.22	15.01	17.13	19.88	20.45	22.10	e24.20	24.72	25.93
25	15.00	13.65	15.02	15.49	15.07	17.62	18.47	20.35	22.43	e24.10	24.91	24.39
Eom	12.37	14.28	15.04	8.60	15.45	18.10	19.08	20.76	22.74	24.32	25.12	23.79
1971												
5	23.94	4.98	11.25	14.68	14.75	15.07	14.46	5.11	14.88	15.48	13.72	14.98
10	23.31	7.45	13.33	13.01	14.56	15.03	e14.80	8.77	15.01	14.41	14.74	15.02
15	21.83	11.81	13.85	14.13	14.14	14.88	14.79	12.20	14.78	15.05	15.04	14.93
20	19.88	12.28	14.18	14.64	14.32	15.49	14.69	13.86	15.00	14.86	15.09	14.97
25	5.14	13.57	14.85	14.53	14.91	15.58	13.42	14.18	15.13	13.31	14.81	15.03
Eom	11.12	14.13	13.77	13.84	14.66	15.99	4.35	14.72	15.07	15.00	15.06	14.08
1972												
5	11.57	11.68	5.48	9.41	6.90	11.66	12.54	10.38	15.50	9.97	15.00	14.94
10	7.11	12.98	6.80	7.71	8.40	12.77	13.56	14.21	15.12	13.60	13.81	e14.90
15	7.98	7.47	8.83	5.74	6.30	13.32	13.98	14.80	15.56	14.69	14.24	e10.00
20	9.88	10.39	8.76	8.38	7.61	13.43	14.45	14.96	15.99	12.40	14.79	e11.00
25	13.82	7.70	10.26	8.01	7.10	9.62	14.78	15.02	16.45	14.68	14.87	e12.00
Eom	13.58	4.50	8.22	9.72	10.19	12.36	11.74	15.21	13.71	14.93	15.00	e13.00
1973												
5	e12.00	13.22	14.71	7.74	7.07	8.58	13.07	14.96	15.40	15.06	15.68	14.82
10	e13.00	6.53	13.96	6.95	8.36	8.98	13.17	15.00	15.04	14.99	15.07	13.99
15	13.56	11.53	14.07	8.75	7.92	10.65	14.08	14.63	14.94	15.07	15.65	14.56
20	12.94	13.69	4.80	10.35	10.00	9.53	14.57	14.84	15.34	15.77	15.73	14.52
25	13.39	14.19	5.23	11.27	6.57	11.44	14.83	15.01	15.88	15.84	15.04	11.63
Eom	13.04	14.41	6.15	5.92	5.52	12.08	14.92	15.09	16.26	15.21	9.50	10.21

e Estimated.

## Crockett County

354253089051300. Local number Ck:B-5. Winter Garden Freezer Co. Bells. Drilled unused artesian well in sand of Claiborne Group of middle Eocene age, diam 10 to 6 in (25 to 15 cm), depth 537 ft (164 m), cased to 523 ft (159 m), screened 523 to 537 ft (159 to 164 m). Lsd 350 ft (107 m) above msl. MP top of casing, 1.10 ft (0.34 m) above lsd. Highest water level 38.98 ft (11.88 m) below lsd, Apr. 10, 1965; lowest 43.92 ft (13.39 m) below lsd, Nov. 4, 1971. Records available: 1961-73. Recording graph removed December 1972.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	41.36	.....	40.90	40.45	40.21	40.86	41.67	42.40	42.38	42.83	42.82	42.54
10	41.66	40.52	40.96	40.12	40.39	40.89	41.77	42.47	42.60	e42.85	42.74	41.99
15	41.51	40.96	41.01	39.58	40.50	40.87	41.92	42.60	42.65	e42.88	42.78	42.20
20	41.04	40.80	40.80	39.50	40.41	41.08	42.06	41.99	42.80	42.90	42.45	42.18
25	41.46	40.67	40.47	39.68	40.54	41.57	42.13	42.36	42.83	43.02	42.37	41.99
Eom	41.14	40.70	40.87	40.23	40.66	41.73	42.34	42.56	42.86	42.78	42.37	41.05
1970												
5	40.80	41.36	40.64	40.40	40.74	41.16	41.93	42.31	42.62	42.92	42.60	.....
10	.....	41.04	40.70	40.74	40.81	41.49	41.87	42.30	42.42	42.78	42.48	.....
15	.....	41.16	41.31	41.10	41.10	41.30	42.12	42.57	42.65	42.36	42.50	41.94
20	41.56	41.16	40.88	40.50	41.27	40.80	42.22	42.59	42.62	42.37	42.31	41.81
25	41.39	41.22	40.86	40.50	41.33	41.20	42.28	42.53	42.82	42.50	42.28	41.01
Eom	41.60	41.30	41.02	40.20	41.44	41.68	42.40	42.70	42.79	42.55	.....	41.42
1971												
5	41.38	41.27	.....	40.78	.....	41.92	.....	42.92	.....	43.72	43.88	.....
10	41.26	41.56	.....	41.32	.....	42.12	.....	42.98	.....	43.74	43.80	.....
15	41.49	39.76	.....	41.41	.....	h42.03	.....	43.06	.....	43.82	.....	.....
20	41.68	39.90	.....	41.48	.....	.....	.....	43.28	.....	43.87	.....	42.72
25	41.24	39.48	41.72	.....	.....	.....	42.94	h43.14	43.56	43.78	.....	42.76
Eom	41.70	.....	41.36	.....	41.91	.....	43.05	.....	43.66	43.79	.....	42.53
1972												
5	42.04	42.13	41.48	41.45	41.52	42.36	42.88	42.85	43.48	42.94	42.23	42.13
10	41.84	41.67	41.42	41.51	40.98	42.64	42.95	43.12	43.67	43.53	41.98	41.97
15	42.54	41.64	41.24	41.67	41.25	42.56	43.09	43.02	43.68	43.59	42.31	41.30
20	42.28	41.92	41.18	41.68	41.84	42.49	42.07	43.23	43.62	42.89	42.22	41.34
25	41.88	41.72	41.63	41.54	42.22	42.66	42.36	43.29	43.44	42.39	42.08	.....
Eom	41.59	41.62	41.33	41.24	42.26	42.89	42.61	43.46	43.26	42.44	42.36	.....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
February 1973	41.12	May 1973	40.81	August 1973	42.67	October 1973	42.88
March	41.12	June	41.08	September	42.65	November	42.39
April	41.05	July	41.75				

Cumberland County

354922085053500. Local number Cu:C-1. Hubert Roy. Near Lantana. Drilled unused artesian well in rocks of Pennsylvanian age, diam 6 in (15 cm), depth 69 ft (21 m), cased to 69 ft (21 m). Lsd 1,970 ft (600 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 13.15 ft (4.01 m) below lsd, Mar. 17, 1973; lowest 24.92 ft (7.60 m) below lsd, Nov. 16, 1968. Records available: 1964-73.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.82	15.32	17.30	18.49	19.16	19.32	19.49	21.05	23.00	23.10	20.74	19.23
10	19.27	14.91	17.62	18.88	19.77	20.00	19.79	21.48	23.10	23.26	20.39	17.05
15	19.57	16.35	17.27	17.17	20.44	20.59	20.41	21.94	23.34	23.32	20.36	16.73
20	18.16	16.55	17.18	15.48	18.68	20.97	21.04	22.19	23.49	23.57	18.69	17.34
25	18.79	15.54	17.25	16.86	17.82	19.77	20.99	22.48	23.37	23.27	18.04	16.96
Eom	15.70	16.05	18.05	18.24	18.64	18.77	20.75	22.85	23.19	22.92	18.42	15.13

1970

5	15.95	15.80	16.62	.....	e16.40	.....	21.41	22.89	19.40	19.43	17.52	19.37
10	e17.40	15.07	15.95	.....	.....	e21.65	21.94	22.91	17.12	20.10	18.39	19.91
15	18.91	15.69	15.52	.....	.....	21.88	22.40	22.63	18.55	20.15	19.18	18.99
20	16.20	15.27	15.56	.....	.....	22.02	22.76	22.34	18.61	19.86	19.41	17.90
25	17.15	16.43	15.44	.....	.....	21.43	22.91	20.06	17.32	19.64	18.31	15.51
Eom	15.86	17.15	15.77	.....	.....	21.21	22.71	19.49	18.28	18.00	18.81	16.73

1971

5	16.37	16.32	14.78	16.17	20.37	20.39	22.21	21.64	20.92	20.02	20.63	20.08
10	16.56	15.86	15.29	15.93	19.36	20.92	22.51	19.20	21.13	20.56	20.04	16.49
15	16.50	15.45	14.66	17.26	16.43	21.20	22.68	18.35	21.66	21.13	20.40	15.39
20	16.89	16.00	15.70	18.51	17.47	21.64	22.81	18.86	21.67	21.42	20.62	15.38
25	15.32	14.93	17.14	19.19	18.61	22.02	22.95	19.38	20.57	21.49	21.18	15.98
Eom	16.25	14.56	16.26	19.79	19.81	22.32	22.53	20.24	19.52	21.32	21.42	16.78

1972

5	14.57	16.20	14.52	15.35	18.40	19.39	21.08	19.74	22.44	22.72	16.02	15.63
10	14.84	16.07	15.40	16.37	18.78	20.20	20.00	19.88	22.78	20.80	15.20	14.18
15	15.69	15.11	16.26	15.44	17.07	20.77	20.24	20.23	23.05	20.81	15.80	13.72
20	16.80	15.23	15.34	16.26	16.66	20.90	20.80	20.79	23.26	19.43	16.02	e13.90
25	16.40	15.32	15.51	15.60	17.82	21.17	21.22	21.39	23.50	17.82	15.87	e14.00
Eom	15.54	14.90	14.65	17.29	18.53	21.29	21.35	22.06	23.41	17.54	15.39	e14.50

1973

5	e14.90	15.08	16.49	16.77	15.22	17.31	19.98	19.03	21.58	22.74	22.60	16.98
10	e15.10	14.50	15.06	15.49	16.66	16.43	20.41	19.63	21.91	22.83	22.11	17.85
15	e15.20	15.06	14.70	16.84	18.26	17.83	20.61	19.62	22.04	22.95	21.51	18.59
20	e15.30	15.41	13.78	17.61	19.15	18.77	20.60	19.59	22.07	23.11	20.94	19.01
25	e15.30	16.73	14.80	17.91	19.48	19.46	20.95	20.27	22.31	23.35	18.33	17.49
Eom	15.23	17.48	15.93	15.76	16.46	19.90	18.54	21.05	22.73	23.06	16.06	15.67

e Estimated.

DeKalb County

355807085511800. Local number Dk:F-1. Tennessee Dept. of Highways at Smithville. Drilled test water-table well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 186 ft (57 m), cased to 55 ft (17 m). Lsd 1,128 ft (344 m) above msl. MP top of shelter, 1.50 ft (0.46 m) above lsd. Highest water level 18.32 ft (5.58 m) below lsd, Mar. 24, 1973; lowest 35.18 ft (10.72 m) below lsd, Dec. 17, 1968. Records available: 1968-73.

## Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	23.01	24.89	27.17	30.35	29.09	.....	.....	33.54	35.08
10	.....	.....	.....	23.20	25.65	27.31	30.82	29.16	.....	.....	34.04	34.97
15	.....	.....	.....	23.68	.....	27.81	31.44	29.40	.....	.....	34.32	35.08
20	.....	.....	.....	24.13	.....	27.95	28.18	29.74	.....	32.97	34.66	35.00
25	.....	.....	.....	24.97	27.46	28.73	28.31	29.95	.....	33.08	34.62	34.83
Eom	.....	.....	23.21	25.42	26.76	29.79	28.66	.....	.....	33.34	35.07	34.30

1969

5	33.80	29.15	27.00	26.75	24.90	25.12	.....	30.89	32.42	33.45	34.29	34.82
10	33.78	28.25	27.00	25.89	25.57	.....	.....	31.22	32.64	33.62	34.38	34.80
15	33.62	27.65	26.90	24.71	26.46	.....	30.59	31.46	32.74	33.78	34.57	34.91
20	33.20	27.40	27.10	23.94	26.33	.....	30.77	31.70	32.95	33.89	34.55	34.92
25	32.10	26.75	26.75	23.89	25.78	.....	30.92	31.95	33.12	33.99	34.67	34.97
Eom	31.17	26.95	26.85	24.47	25.90	.....	30.74	32.20	33.24	34.13	34.72	.....

1970

5	.....	31.46	.....	25.20	22.96	27.00	28.72	30.82	32.07	33.11	32.86	31.80
10	.....	30.18	.....	24.97	22.55	27.75	29.10	31.01	32.33	33.28	32.83	31.82
15	.....	e29.18	.....	25.57	24.08	28.10	29.54	31.26	32.51	33.19	32.87	31.72
20	.....	.....	26.92	25.59	24.95	28.36	29.91	31.33	32.63	33.26	32.65	31.47
25	.....	.....	26.51	24.75	25.55	27.96	30.19	31.57	32.82	33.03	32.08	30.20
Eom	31.75	.....	26.29	23.10	26.55	28.76	30.52	31.88	32.89	33.05	31.82	29.27

1971

5	28.92	25.45	22.62	22.62	25.10	26.03	28.22	29.01	29.95	31.25	32.43	32.81
10	28.26	25.25	22.35	e22.68	25.32	26.58	28.64	28.97	30.05	31.11	31.56	.....
15	27.95	.....	22.23	.....	.....	27.10	28.91	28.62	30.40	31.64	32.64	.....
20	27.27	23.76	22.23	.....	.....	27.60	29.43	28.80	30.74	31.87	32.67	.....
25	26.50	23.03	22.60	.....	.....	27.85	29.57	29.07	30.83	32.02	32.92	.....
Eom	26.00	22.70	22.85	.....	25.27	28.01	29.34	29.63	31.03	32.23	33.14	.....

355807085511800--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	25.00	23.22	.....	23.74	.....	28.62	28.83	29.70	28.86	26.36	24.83
10	.....	24.44	23.01	.....	23.77	.....	28.77	28.78	30.08	28.85	26.12	24.35
15	.....	23.87	22.88	.....	.....	27.49	29.00	28.39	30.34	28.93	26.21	23.08
20	25.86	24.10	22.93	.....	.....	27.62	29.37	28.58	30.60	28.55	26.22	22.15
25	25.95	23.63	22.73	22.68	.....	28.13	29.55	29.97	30.50	27.35	25.35	21.96
Eom	24.87	23.49	22.38	23.01	.....	28.45	29.36	27.45	29.88	26.95	25.00	22.00
1973												
5	21.92	20.60	21.07	19.57	.....	.....	.....	.....	26.74	29.03	29.32	26.50
10	21.91	19.98	20.45	19.53	.....	.....	.....	.....	27.12	29.00	29.38	26.38
15	22.08	20.00	19.60	.....	.....	21.56	.....	24.44	27.62	29.03	29.16	26.43
20	21.70	19.98	19.02	.....	.....	.....	.....	24.94	28.05	29.19	29.31	26.75
25	21.30	20.54	18.88	.....	.....	.....	.....	25.57	.....	29.42	29.05	26.47
Eom	21.07	21.03	19.25	.....	.....	.....	.....	26.26	.....	29.43	28.00	.....
e Estimated.												

e Estimated.

Dickson County

360429087233602. Local number D1:F-19. City of Dickson. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 387 ft (118 m), cased to 22 ft (7 m). Lsd 755 ft (230 m) above msl. MP top of casing, at lsd. Highest water level 8.78 ft (2.68 m) below lsd, Apr. 11, 1962; lowest 33.78 ft (10.30 m) below lsd, Sept. 11, 12, 1964. Records available: 1960-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.97	e19.70	27.23	26.68	31.30	33.21	32.94	33.22	32.83	32.64	32.36	32.48
10	31.21	22.96	27.22	22.70	e32.00	33.32	32.32	33.31	32.46	32.40	32.55	30.92
15	31.75	25.93	29.11	22.50	e32.20	.....	33.00	33.41	32.44	32.30	32.30	32.27
20	24.64	24.90	30.63	21.30	e32.40	.....	33.24	31.95	33.20	32.60	28.71	32.40
25	23.87	24.10	28.05	25.30	e32.60	32.28	32.75	32.29	33.06	32.48	32.33	32.15
Eom	22.23	25.34	29.50	29.00	33.05	32.98	33.14	33.03	33.22	32.62	32.43	12.99
1970												
5	23.00	28.64	21.78	23.73	25.90	32.25	.....	.....	32.61	32.70	.....	32.27
10	29.89	23.61	25.95	26.77	29.35	32.52	.....	.....	32.60	32.10	.....	32.14
15	30.00	23.00	28.78	29.85	30.14	32.42	.....	.....	32.89	31.97	.....	32.16
20	31.01	24.50	26.10	29.11	31.80	31.48	.....	.....	32.95	32.20	.....	30.22
25	31.55	28.00	27.72	20.30	32.62	e25.63	.....	.....	32.77	31.67	.....	.....
Eom	31.93	29.53	25.84	24.45	32.55	.....	.....	32.60	32.38	.....	.....	27.61
1971												
5	26.03	29.55	27.32	.....	32.21	32.33	32.45	28.20	32.31	32.67	32.55	31.63
10	28.30	28.74	29.18	26.76	32.16	32.09	32.63	31.43	32.16	32.75	32.23	28.92
15	27.70	23.33	28.38	29.15	29.86	32.14	32.66	32.13	32.37	32.67	32.27	30.39
20	29.06	21.85	26.16	31.00	31.79	31.92	32.25	32.42	32.52	32.82	31.92	30.08
25	29.57	22.05	28.27	31.43	31.82	32.20	32.48	30.40	32.50	32.30	32.25	31.33
Eom	31.10	24.40	25.95	31.58	32.35	32.40	31.88	32.21	32.30	32.45	31.70	31.54
1972												
5	22.50	27.32	23.28	26.23	30.80	32.42	31.58	29.90	32.94	32.41	26.00	27.20
10	20.30	25.40	23.25	27.65	33.20	32.35	32.21	30.43	32.88	32.69	.....	14.30
15	27.00	24.58	25.20	29.50	26.41	32.50	32.00	30.65	33.07	32.78	.....	17.50
20	29.50	28.31	23.24	30.50	30.00	32.50	31.55	32.42	32.75	31.48	.....	23.17
25	25.15	29.43	26.53	29.80	31.73	32.61	32.28	32.57	32.13	31.55	.....	25.80
Eom	23.20	27.18	25.38	31.32	32.26	31.85	24.90	32.76	31.02	31.00	22.73	21.10
1973												
5	22.30	23.90	26.50	.....	22.49	25.30	32.50	31.73	33.13	32.35	32.08	.....
10	25.52	.....	25.21	.....	25.68	27.42	32.53	32.58	32.72	32.33	.....	.....
15	28.20	22.50	23.96	.....	28.38	29.01	32.78	32.53	32.18	32.38	32.38	.....
20	28.78	25.13	.....	.....	30.00	30.50	32.68	32.84	32.66	32.67	32.12	.....
25	24.14	28.14	.....	.....	29.81	32.25	32.93	32.98	32.60	32.92	27.47	.....
Eom	23.00	29.79	.....	22.30	26.68	32.45	30.50	33.01	32.85	32.29	.....	.....

e Estimated.

Dyer County

360200089280100. Local number Dy:H-1. U.S. Geol. Survey. Finley. Drilled observation artesian well in sand and gravel of Pleistocene age, diam 4 in (10 cm), depth 70 ft (21 m), cased to 60 ft (18 m), screened 60-70 ft (18-21 m). Lsd 278 ft (85 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 3.69 ft (1.12 m) below lsd, Feb. 28, 1962; lowest 18.93 ft (5.77 m) below lsd, Jan. 18-21, 1957. Records available: 1955-73. Recording gage removed February 1971.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	7.09	7.90	7.98	11.32	12.79	13.29	11.16	15.60	16.26	16.48
10	.....	.....	7.48	.....	8.82	11.73	12.46	13.39	.....	15.67	16.34	16.40
15	11.84	6.52	7.99	.....	9.32	12.16	12.76	13.49	14.63	15.80	16.46	16.54
20	.....	6.49	8.49	.....	e5.80	12.44	12.94	13.55	14.90	15.94	16.27	16.58
25	.....	6.46	8.39	6.29	e6.20	12.26	13.05	.....	15.21	16.04	16.29	16.46
Eom	.....	6.62	8.52	7.18	10.81	12.54	13.17	.....	15.45	16.12	16.37	14.30



360200089280100--Continued.

1970												
Day	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e12.60	11.48	7.27	6.62	6.36	10.08	11.04	e12.90	13.66	.....	11.98	10.86
10	.....	9.86	7.46	7.37	6.99	10.49	11.38	12.86	13.68	.....	11.88	10.84
15	.....	8.94	7.66	8.06	7.62	10.52	11.80	e13.10	13.88	12.66	11.63	10.52
20	11.63	7.91	6.95	7.86	8.24	10.50	12.20	13.38	12.91	12.33	11.06	9.04
25	11.56	8.14	6.50	7.84	8.92	9.96	12.52	13.44	12.78	12.06	10.60	6.68
Eom	11.76	8.44	6.66	6.52	9.68	10.52	12.86	13.79	.....	12.06	10.68	7.24
1971												
5	7.34	8.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	7.64	8.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	7.90	7.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	8.16	6.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	8.24	5.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	8.68	5.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
March 1971	h7.70	October 1971	15.44	April 1972	9.73	February 1973	4.64
April	9.54	November	15.97	May	h10.28	May	4.32
June	h12.01	December	16.24	June	h12.50	June	7.98
July	13.16	January 1972	14.39	July	12.81	July	9.97
August	14.26	February	h8.46	August	13.25	September	12.53
September	h14.89	March	9.58	December	h8.18	November	14.13

h Tape measurement.

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
March 1971	h7.70	October 1971	15.44	April 1972	9.73	February 1973	4.64
April	9.54	November	15.97	May	h10.28	May	4.32
June	h12.01	December	16.24	June	h12.50	June	7.98
July	13.16	January 1972	14.39	July	12.81	July	9.97
August	14.26	February	h8.46	August	13.25	September	12.53
September	h14.89	March	9.58	December	h8.18	November	14.13

h Tape measurement.

360147089230700. Local number Dy:H-7. City of Dyersburg. Drilled unused artesian well in sand of Claiborne Group of middle Eocene age, diam 24 to 10 in (61 to 25 cm), depth 656 ft (200 m), cased to 605 ft (184 m), screened 605-655 ft (184-200 m). Lsd 270.07 ft (82.32 m) above ms1. MP top of casing, 3.10 ft (0.94 m) above lsd (since Feb. 12, 1969). Highest water level 2.69 ft (0.82 m) above lsd, Mar. 1, 2, Apr. 19, 1962; lowest 17.1 ft (5.2 m) below lsd, Aug. 10, 1956. Records available: 1954-73. Recording gage removed February 1971.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	4.03	4.14	....	4.81	7.35	6.17	8.60	8.46	7.93	7.84	8.02
10	....	3.96	3.36	....	5.16	6.20	8.09	7.85	8.28	7.95	7.70	7.81
15	5.07	4.46	4.03	....	6.05	5.90	8.23	e8.57	8.10	7.93	7.30	7.75
20	4.47	4.70	5.11	....	6.44	7.26	7.92	8.18	7.97	e7.75	....	8.37
25	4.86	4.11	4.70	4.18	7.34	7.15	8.44	7.83	8.00	....	8.17	6.15
Eom	4.16	4.44	....	4.40	5.63	7.01	8.68	7.77	7.95	6.54	5.77	....
1970												
5	....	7.80	7.00	6.00	5.49	7.17	7.26	8.24	8.00	6.70	5.88	6.72
10	....	7.40	6.81	5.92	5.85	7.21	8.13	7.78	8.01	6.25	5.74	6.58
15	....	5.35	5.20	6.05	6.53	6.84	8.18	8.19	7.63	5.88	5.49	6.40
20	6.31	6.78	7.05	....	6.75	7.16	7.91	8.27	7.06	5.57	6.65	6.06
25	6.30	7.25	7.08	....	6.74	6.68	8.08	8.04	6.93	5.71	6.73	4.30
Eom	8.00	7.07	4.36	5.71	6.43	7.45	8.31	8.10	7.27	5.84	6.30	....

1971												
5	.....	5.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	5.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	5.26	5.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	5.36	5.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	5.10	4.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	5.20	4.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	5.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	5.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	5.26	5.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	5.36	5.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	5.10	4.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	5.20	4.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
March 1971	6.89	November 1971	9.25	June 1972	7.29	February 1973	2.41
April	6.72	December	9.16	July	9.62	May	3.67
June	9.09	January 1972	7.95	August	9.48	June	3.10
July	9.24	February	7.64	September	10.22	July	7.30
August	9.99	March	7.14	November	9.40	September	7.93
September	h8.40	April	7.19	December	8.04	November	5.94
October	9.51	May	7.20	February 1973	3.11		

h Tape measurement.

360649089153900. Local number Dy:J-4. City of Newbern. Drilled unused artesian well in sand of Jackson(?) Formation of late Eocene age, diam 8 in (20 cm), depth 260 ft (79 m), cased to 234 ft (71 m), screened 234-260 ft (71-79 m). Lsd 375 ft (114 m) above ms1. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 75.30 ft (22.95 m) below lsd, July 5, 1962; lowest 81.23 ft (24.76 m) below lsd, Feb. 20, 1970. Records available: 1959-79. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	80.55	80.23	80.01	.....	79.55	79.48	79.54	79.73	79.92	80.00	80.30	80.54
10	80.70	80.36	80.04	.....	79.47	79.42	79.53	79.65	79.96	79.96	80.24	80.34
15	80.48	80.08	80.17	.....	79.50	79.42	79.83	79.86	79.96	80.32	80.24	e80.55
20	80.41	80.22	79.83	.....	79.56	79.39	79.52	79.83	79.92	80.06	80.49	.....
25	80.77	80.15	79.81	79.68	79.47	79.44	79.52	79.95	80.00	80.24	80.46	.....
Eom	80.42	79.82	80.20	79.70	79.35	79.53	79.79	80.00	79.98	80.06	80.27	.....

360649089153900--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	81.16	80.76	.....	80.51	79.84	79.84	80.01	79.97	.....	80.16	.....
10	.....	80.68	80.58	.....	80.00	79.90	79.84	79.70	80.16	.....	80.04	.....
15	.....	80.76	80.73	.....	80.27	e79.93	80.01	80.00	80.20	.....	80.06	.....
20	80.72	81.23	80.69	.....	80.21	79.74	79.94	79.92	79.90	.....	79.94	79.99
25	80.66	80.77	.....	.....	80.06	79.82	79.94	79.97	80.23	79.80	.....	79.81
Eom	80.99	80.63	.....	80.45	80.00	80.06	80.00	80.16	.....	80.12	.....	79.82
e Estimated.												

e Estimated.

## Fayette County

352226089330101. Local number Fa:R-1. Tennessee Division of Geology and U.S. Geol. Survey. Near Braden. Drilled observation artesian well in sand of Wilcox Group of early Eocene age, diam 6 to 4 in (15 to 10 cm), depth 1,025 ft (312 m), cased to 1,008 ft (307 m), screened 1,008-1,025 ft (307-312 m). Lsd 317.50 ft (96.77 m) above msl. MP top of casing, 3.70 ft (1.13 m) above lsd. Highest water level 64.89 ft (19.78 m) below lsd, Aug. 31, 1964; lowest 76.98 ft (23.46 m) below lsd, November 1971. Records available: 1949-73. Recording gage removed January 1971.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	73.60	73.60	73.58	73.50	73.63	73.80	74.06	74.38	74.43	74.50	74.93	75.02
10	73.71	73.59	73.58	73.52	73.58	73.81	74.15	74.44	74.56	74.48	74.92	74.84
15	73.64	73.54	73.64	73.51	73.65	73.87	74.22	74.49	74.54	74.80	74.92	e75.02
20	73.52	73.62	73.56	73.58	73.67	73.88	74.26	74.30	74.62	74.88	74.96	e74.88
25	73.69	73.56	73.64	73.60	73.75	73.94	74.27	74.37	74.54	74.98	75.02	e74.94
Eom	73.60	73.52	.....	73.65	73.74	74.09	74.33	74.45	74.63	74.97	74.98	e74.87

1970

5	e74.90	75.02	.....	74.92	.....	74.91	75.14	75.50	75.75	76.13	76.13	76.26
10	e74.89	74.98	.....	74.93	.....	75.02	75.14	75.40	75.82	76.02	76.15	76.10
15	e74.78	74.96	.....	.....	.....	75.05	e75.20	75.63	75.95	76.13	76.19	76.13
20	e74.96	74.93	.....	.....	.....	75.00	e75.30	75.62	75.94	76.04	76.13	76.19
25	e74.78	75.11	.....	.....	.....	75.06	e75.35	75.59	75.94	76.05	76.25	76.14
Eom	75.09	75.00	74.98	.....	75.00	75.14	75.42	75.78	76.05	76.10	76.21	76.12

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
January 1971	76.29	September 1971	76.72	May 1972	75.54	April 1973	75.13
February	76.88	October	76.78	June	75.65	May	74.94
March	76.70	November	76.98	July	75.83	August	75.04
April	76.72	December	76.79	August	75.90	Do.	75.37
May	76.74	January 1972	76.02	September	76.04	October	75.64
June	76.72	February	75.80	December	75.87	November	75.60
July	76.72	March	75.67	March 1973	75.23	December	75.32
August	76.72	April	75.54				

352226089330102. Local number Fa:R-2. Tennessee Division of Geology and U.S. Geol. Survey. Near Braden. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam 6 to 4 in (15 to 10 cm), depth 365 ft (111 m), cased to 345 ft (105 m), screened 345-365 ft (105-111 m). Lsd 317.20 ft (96.68 m) above msl. MP top of casing, 4.20 ft (1.28 m) above lsd. Highest water level 37.25 ft (11.35 m) below lsd, Mar. 10, 1952; lowest 42.12 ft (12.84 m) below lsd, Nov. 30, 1967. Records available: 1949-73. Recording gage removed January 1971.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	41.60	41.58	41.45	41.10	41.09	41.08	41.33	41.54	41.63	41.78	e42.00	41.94
10	41.62	41.40	41.40	41.24	41.02	41.14	41.36	41.57	41.65	41.83	e41.99	41.86
15	41.66	41.50	41.55	41.20	41.10	41.20	41.45	41.62	e41.70	e41.83	41.80	41.99
20	41.60	41.50	41.60	41.02	41.12	41.16	41.43	41.52	e41.72	e41.93	e42.00	41.92
25	41.60	41.50	41.40	41.08	41.12	41.35	41.44	41.58	e41.75	e41.98	e41.94	41.93
Eom	41.55	41.50	41.30	41.10	41.05	41.35	41.53	41.62	41.77	e42.07	41.93	41.76

1970

5	41.83	41.77	.....	41.43	41.22	41.10	41.28	41.25	.....	41.62	41.64	41.63
10	41.91	.....	.....	41.39	41.18	41.14	41.12	41.30	.....	41.61	41.60	41.64
15	41.84	.....	.....	41.37	41.14	41.16	41.24	41.38	.....	41.65	41.64	41.60
20	41.78	.....	.....	41.18	41.21	41.12	41.23	.....	.....	41.56	41.52	41.63
25	41.76	.....	.....	41.32	41.12	41.08	41.30	.....	.....	41.54	41.70	41.59
Eom	41.87	.....	41.37	41.08	41.16	41.21	41.29	.....	41.54	41.61	41.62	41.40

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
January 1971	41.52	September 1971	41.44	May 1972	40.98	March 1973	40.39
February	41.48	October	41.56	June	40.98	April	40.38
March	41.14	November	41.65	July	41.16	May	39.98
April	41.00	December	41.67	August	41.26	August	40.14
May	41.01	January 1972	41.52	September	41.46	Do.	40.39
June	41.06	February	41.35	October	41.56	October	40.64
July	41.22	March	41.23	November	41.48	November	40.77
August	41.27	April	41.02	December	41.39	December	40.40

Franklin County

350312086155700. Local number Fr:F-1. City of Huntland. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 100 ft (30 m), cased to 70 ft (21 m). Lsd 920 ft (280 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 24.55 ft (7.48 m) below lsd, May 11, 1964; lowest 46.28 ft (14.11 m) below lsd, Dec. 25, 1965. Records available: 1962-70. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	45.18	43.08	39.73	40.05	37.26	38.90	40.34	42.53	43.16	42.91	42.84	43.13
10	45.26	41.57	39.86	40.04	37.65	38.98	40.68	42.63	43.20	42.72	42.89	42.88
15	45.30	40.19	40.18	39.38	e38.10	39.32	41.14	42.96	43.21	42.71	43.09	43.30
20	44.78	39.73	40.02	38.48	e38.40	39.60	41.38	43.09	43.32	42.73	43.31	43.19
25	44.79	39.41	40.08	37.49	38.66	39.76	41.69	42.92	42.88	43.00	43.19	43.03
Eom	43.94	39.26	40.53	37.18	38.45	40.13	42.18	43.04	42.89	42.71	43.03	43.03

1970

5	42.21	41.04	39.56	37.35	33.47	36.49	.....	41.90	41.55	43.18	42.01	41.51
10	41.13	40.47	39.35	35.87	33.01	37.00	40.30	41.73	41.82	43.35	41.77	41.21
15	40.45	40.21	39.83	34.79	33.35	.....	40.94	41.45	42.16	43.12	41.80	41.16
20	40.66	40.54	39.56	34.41	34.07	.....	41.22	40.99	42.41	42.80	41.73	41.17
25	40.30	39.73	38.85	34.62	34.63	.....	41.50	40.96	42.79	42.45	41.85	40.90
Eom	41.11	39.88	38.15	34.11	35.96	.....	41.62	41.46	42.92	42.53	41.69	40.30

e Estimated.

Hardin County

350820088212300. Local number Hd:K-5. National Park Service. Shiloh Military Park. Dug unused water-table well in Coffee Sand of Late Cretaceous age, diam 30 in (76 cm), depth 51 ft (16 m), casing information not available. Lsd 475 ft (145 m) above msl. MP top of concrete tile, 1.00 ft (0.30 m) above lsd. Highest water level 44.89 ft (13.68 m) below lsd, June 21, 1969; lowest 48.60 ft (14.81 m) below lsd, Apr. 15, 1967. Records available: 1964-70. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	47.87	h47.10	47.18	.....	46.38	45.17	45.03	.....	45.70	46.07	46.40	.....
10	47.03	.....	.....	.....	46.13	45.07	45.08	.....	45.77	46.13	46.46	.....
15	47.05	.....	.....	h46.76	45.90	45.03	45.13	h45.43	45.84	46.21	46.49	.....
20	47.07	.....	.....	46.77	45.69	44.99	45.17	45.48	45.90	46.26	.....	46.82
25	47.11	.....	.....	46.70	45.48	44.98	.....	45.55	45.91	.....	.....	46.87
Eom	47.08	.....	.....	46.57	45.28	45.03	.....	45.63	46.01	.....	.....	46.88

1970

5	46.93	47.17	47.20	47.04	46.30	.....	45.15	45.42	45.74	46.03	46.32	46.62
10	46.97	47.18	47.25	46.98	.....	e45.22	45.17	45.45	45.75	46.09	46.37	46.74
15	47.01	47.14	47.25	46.88	.....	45.18	45.22	45.51	45.86	46.13	46.42	46.77
20	47.06	47.25	47.18	46.70	.....	45.14	45.26	45.55	45.87	46.16	46.48	46.83
25	47.07	47.25	47.14	46.60	.....	45.12	45.32	45.61	45.93	46.21	46.51	46.88
Eom	47.15	47.25	47.12	46.47	.....	45.16	45.36	45.68	45.98	46.27	46.55	46.92

e Estimated.

h Tape measurement.

Henderson County

353821088233900. Local number He:J-5. City of Lexington. Drilled unused artesian well in Coffee Sand of Late Cretaceous age, diam 8 to 6 in (20 to 15 cm), depth 491 ft (150 m), cased to 412 ft (126 m), screened 412-433, 471-491 ft (126-132, 144-150 m). Lsd 480 ft (146 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 77.95 ft (23.76 m) below lsd, Apr. 12, 1962; lowest 80.14 ft (24.43 m) below lsd, Oct. 28, 1969. Records available: 1957-70. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	79.56	79.45	79.49	79.32	79.33	79.49	79.63	79.87	79.82	79.97	80.08	80.01
10	79.57	79.41	.....	79.31	79.29	79.52	79.68	79.90	79.90	79.95	80.08	79.86
15	79.60	79.38	.....	79.22	79.38	79.51	79.75	79.95	79.92	79.99	80.11	79.96
20	79.46	79.39	79.42	79.22	79.36	79.52	79.79	79.77	79.98	80.03	79.98	79.97
25	79.61	79.41	79.36	79.29	79.40	79.51	79.80	79.78	79.95	80.11	79.99	79.94
Eom	79.52	79.33	79.50	79.33	79.42	79.61	79.84	79.85	80.00	80.08	79.99	79.77

1970

5	79.85	79.82	79.60	79.53	79.50	79.52	79.56	79.66	79.65	79.84	79.76	79.81
10	79.89	79.73	79.58	79.57	79.47	79.56	79.53	79.56	79.63	79.77	79.75	79.77
15	79.80	79.66	79.65	79.58	79.50	79.35	79.65	79.71	79.70	79.70	79.76	79.72
20	79.79	79.81	79.62	79.48	79.56	79.38	79.66	79.72	79.70	79.70	79.74	79.75
25	79.81	79.71	79.56	79.45	79.54	79.41	79.72	79.62	79.78	79.68	79.78	79.63
Eom	79.89	79.73	79.59	79.46	79.63	79.54	79.65	79.75	79.78	79.74	79.74	79.61

Houston County

361930087422300. Local number Hu:G-5. O. S. Luton. Near Erin. Drilled unused water-table well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 240 ft (73 m), casing information not available. Lsd 650 ft (198 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 112.42 ft (34.27 m) below lsd, Apr. 4, 6, 1968; lowest 128.36 ft (39.12 m) below lsd, Dec. 12, 1966. Records available: 1963-69. Measurement discontinued.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	122.16	117.01	114.70	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	121.86	115.97	114.82	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	121.77	115.38	115.19	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	121.44	115.22	115.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	120.56	114.86	115.68	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	118.28	114.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Humphreys County

360020087573300. Local number Hs:H-1. A. M. Powers. Near New Johnsonville. Drilled unused artesian well in Camden Chert of Early Devonian age, diam 8 in (20 cm), depth 187 ft (57 m), cased to 187 ft (57 m). Lsd 470 ft (143 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 85.02 ft (25.91 m) below lsd, Mar. 25, 1973; lowest 90.20 ft (27.49 m) below lsd, Nov. 25, 1968. Records available: 1962-73.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	89.69	88.94	88.78	88.41	88.14	88.33	88.52	88.90	88.94	89.05	88.87	88.73
10	89.76	88.78	88.80	88.29	88.14	88.38	88.54	88.95	88.95	89.03	88.87	88.60
15	89.77	88.84	88.80	88.27	88.20	88.38	88.67	88.97	89.00	89.05	88.84	88.61
20	89.53	88.78	88.80	88.12	88.07	88.41	88.73	88.98	89.02	89.05	88.65	.....
25	89.49	88.72	88.81	87.92	88.18	88.40	88.78	88.77	89.02	89.00	88.67	.....
Eom	89.25	88.73	88.55	87.91	88.26	88.50	88.89	88.80	89.01	88.93	88.67	.....

1970

5	.....	.....	.....	.....	.....	87.60	87.74	88.08	.....	.....	.....	.....
10	88.17	.....	.....	.....	.....	87.66	87.83	88.04	.....	.....	.....	.....
15	88.13	.....	.....	.....	.....	87.59	87.92	.....	.....	.....	.....	.....
20	88.13	.....	.....	.....	87.43	87.58	87.97	.....	.....	.....	.....	.....
25	88.25	.....	.....	.....	87.49	87.43	87.93	.....	.....	.....	.....	.....
Eom	88.28	.....	.....	.....	87.61	87.65	88.04	.....	.....	.....	.....	.....

1971

5	.....	87.55	87.22	87.10	87.28	87.49	87.85	87.82	87.55	87.78	88.01	87.91
10	.....	87.62	87.26	87.28	87.34	87.55	87.90	87.86	87.58	87.80	87.97	87.74
15	87.81	87.36	87.24	87.22	87.14	87.59	87.90	87.96	87.70	87.90	88.00	87.65
20	87.76	87.31	87.30	87.27	87.23	87.67	87.93	88.00	87.73	87.96	87.92	87.64
25	87.47	87.07	87.32	87.32	87.31	87.73	87.89	87.56	87.72	87.90	88.00	87.57
Eom	87.68	87.22	87.23	87.29	87.41	87.78	87.95	87.57	87.72	87.96	87.97	87.56

1972

5	87.31	87.22	87.12	86.91	86.85	87.24	87.45	87.30	87.57	87.43	87.02	86.60
10	87.09	87.11	87.03	86.92	86.65	87.26	87.36	87.25	87.65	.....	86.82	86.25
15	87.41	87.05	86.96	87.00	86.75	87.33	87.42	87.31	87.67	87.60	86.85	86.21
20	87.21	87.22	86.89	87.02	86.91	87.35	87.17	87.40	87.70	87.44	86.84	86.08
25	87.33	87.12	87.00	87.03	87.07	87.43	87.30	87.43	87.57	87.31	.....	86.29
Eom	87.05	87.16	86.85	86.92	87.14	87.50	.....	87.53	87.39	87.11	.....	86.41

1973

5	86.40	86.37	86.47	85.52	85.22	86.15	86.60	.....	.....	87.60	.....	.....
10	86.49	86.19	86.39	85.70	85.35	86.21	86.71	.....	.....	.....	.....	.....
15	86.59	86.19	86.17	85.91	85.78	86.30	.....	87.01	.....	.....	.....	.....
20	86.54	86.30	85.65	85.78	86.07	86.46	.....	87.10	.....	.....	.....	.....
25	86.43	86.41	85.05	85.51	86.22	86.40	.....	87.22	.....	.....	.....	.....
Eom	86.31	86.53	85.19	85.51	86.37	86.53	.....	.....	.....	.....	.....	.....

e Estimated.

Lauderdale County

353839089493500. Local number Ld:F-4. Tennessee Division of Geology and U.S. Geol. Survey. Near Fort Pillow. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam 8 to 6 to 3 in (20 to 15 to 7.6 cm), depth 879 ft (268 m), cased to 869 ft (265 m), screened 869-879 ft (265-268 m). Lsd 437.05 ft (133.21 m) above msl. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 188.55 ft (57.47 m) below lsd, Apr. 15, 1973; lowest 196.48 ft (59.89 m) below lsd, Nov. 16, 1969. Records available: 1966-73.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	195.24	193.09	194.72	193.85	193.20	194.05	193.82	194.64	195.52	195.09	196.29	196.33
10	195.20	192.55	194.65	193.70	193.73	194.14	193.83	194.99	195.63	196.11	196.32	196.26
15	195.50	192.14	194.71	192.88	193.82	194.35	193.55	195.17	195.67	196.25	196.40	196.40
20	195.40	193.31	194.70	192.23	193.69	194.31	193.41	195.09	195.86	195.73	196.38	196.40
25	195.07	194.66	194.61	192.03	193.63	194.32	193.95	195.18	195.78	195.86	196.33	196.25
Eom	194.16	194.65	194.26	192.43	193.68	194.03	194.35	195.36	195.94	196.04	196.25	196.03

353839089493500--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	195.64	195.79	194.94	.....	192.35	194.26	194.34	194.91	.....	194.91	195.19	195.12
10	194.65	195.24	194.76	.....	191.55	193.95	194.48	194.79	.....	195.21	195.02	195.17
15	195.48	194.99	194.67	.....	193.08	193.93	194.69	194.81	.....	195.34	194.95	195.19
20	195.95	194.96	194.67	194.12	193.90	193.79	194.77	194.91	195.39	195.07	194.86	195.07
25	195.87	194.83	194.59	193.82	193.67	193.80	194.86	195.08	195.35	195.14	194.84	194.65
Eom	196.12	194.94	194.52	192.55	194.31	194.11	194.89	195.28	195.13	195.29	194.88	194.19
1971												
5	194.43	194.41	191.15	193.77	193.91	194.01	194.35	194.58	195.23	195.59	196.15	196.27
10	194.40	194.54	191.39	193.83	193.91	193.95	194.43	194.61	195.33	195.73	196.17	195.86
15	194.42	193.63	192.79	193.79	193.57	.....	194.60	194.72	195.42	195.85	196.17	195.51
20	194.43	193.62	193.42	193.82	193.04	193.86	194.56	194.99	195.44	195.99	196.12	195.24
25	194.31	192.77	193.56	193.92	193.44	193.95	.....	195.09	195.41	196.05	196.30	195.44
Eom	194.51	191.77	193.63	193.98	193.71	194.05	194.62	195.16	195.48	196.09	196.33	195.63
1972												
5	195.75	195.30	194.37	194.50	192.15	194.75	194.56	194.97	195.48	195.64	195.62	194.58
10	195.14	195.24	193.82	194.68	192.93	194.91	194.58	194.96	195.67	195.71	194.93	194.10
15	195.13	195.26	193.84	194.43	193.64	195.00	194.74	195.00	195.85	195.76	194.90	193.38
20	194.87	195.42	194.11	193.58	194.01	194.93	194.81	195.11	195.75	195.89	194.22	193.58
25	195.37	195.04	194.35	192.86	194.37	194.81	194.86	195.18	195.72	195.88	194.07	193.68
Eom	195.30	194.97	194.29	192.05	194.50	194.80	194.92	195.38	195.54	195.73	194.49	193.28
1973												
5	.....	.....	.....	.....	189.53	192.72	193.52	193.47	194.50	194.90	194.95	192.53
10	.....	.....	.....	188.56	190.10	192.52	193.60	193.67	194.50	194.60	194.87	.....
15	.....	.....	.....	188.55	190.10	192.78	193.50	193.88	194.60	194.37	195.15	.....
20	.....	.....	.....	188.74	191.73	193.40	193.68	194.07	194.75	194.40	194.97	.....
25	.....	.....	.....	188.82	193.40	193.32	193.69	194.15	194.87	194.67	194.82	.....
Eom	.....	.....	.....	189.12	193.38	193.37	193.85	194.36	194.95	194.84	193.80	.....

Lawrence County

352611087184500. Local number Ln:R-14. City of Summertown. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 136 ft (41 m), cased to 116 ft (35 m), screened 116-136 ft (35-41 m). Lad 1,014.9 ft (309 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lad. Highest water level 26.84 ft (8.18 m) below lad, Apr. 6, 1964; lowest 45.33 ft (13.82 m) below lad, Nov. 15, 1969. Records available: 1964-70. Measurement discontinued.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	41.73	36.05	35.90	36.12	34.83	39.23	41.11	42.34	43.14	44.50	44.45	44.16
10	41.86	35.73	36.13	35.24	36.29	39.70	41.27	43.87	43.20	44.30	44.42	42.95
15	42.00	35.72	36.82	32.82	37.26	39.65	41.44	43.08	43.82	44.31	45.33	43.98
20	41.08	34.80	36.52	32.21	37.80	39.90	41.77	43.07	44.18	44.42	43.94	43.31
25	39.51	34.74	35.40	32.61	38.12	40.38	41.88	43.18	44.29	44.48	43.83	42.70
Eom	38.54	34.98	36.00	33.78	39.03	40.75	42.21	43.26	44.44	44.32	43.96	.....
1970												
5	.....	39.53	.....	32.95	31.72	38.38	39.96	e41.38	.....	43.85	41.00	.....
10	41.14	37.92	.....	34.20	33.40	38.63	40.51	.....	.....	44.32	.....	41.41
15	40.73	37.76	.....	35.30	35.08	38.97	41.08	.....	43.45	43.66	.....	41.41
20	38.78	35.40	34.72	34.83	35.25	39.58	40.90	.....	43.28	.....	.....	41.03
25	40.20	35.94	33.86	34.16	37.21	39.60	41.04	.....	43.55	.....	.....	39.20
Eom	40.49	36.40	34.12	32.87	37.89	39.78	41.31	.....	43.64	.....	.....	39.51

e Estimated.

Madison County

353726088483600. Local number Md:G-45. Piggly Wiggly Co. Jackson. Drilled unused artesian well in sand of Wilcox Group of early Eocene age, diam 6 in (15 cm), depth 133 ft (41 m), cased to 112 ft (34 m), screened 112-133 ft (34-41 m). Lad 435 ft (133 m) above msl. MP top of recorder-house floor, 3.80 ft (1.16 m) above lad. Highest water level 62.22 ft (18.96 m) below lad, Dec. 3, 4, 1958; lowest 76.74 ft (23.39 m) below lad, April 1972. Records available: 1958-73. Recording gage removed February 1971.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	72.13	72.10	71.93	.....	.....	.....	.....	72.01	72.09	72.14
10	.....	h72.47	72.19	72.07	71.89	.....	.....	.....	.....	e72.05	72.11	72.20
15	72.17	72.10	72.15	72.05	71.84	.....	.....	.....	71.91	72.00	72.14	72.20
20	72.15	72.16	72.15	72.13	.....	.....	.....	.....	71.93	72.00	72.17	72.19
25	.....	72.15	72.20	72.03	.....	.....	.....	.....	71.93	72.03	72.12	72.25
Eom	.....	72.13	72.11	71.96	.....	.....	.....	.....	71.92	72.00	72.12	72.28
1970												
5	72.24	72.53	72.87	.....	72.45	73.35	73.56	.....	.....	73.87	73.57	73.07
10	72.17	72.54	72.98	.....	72.50	73.40	73.67	.....	.....	74.04	.....	72.96
15	72.20	72.53	72.91	.....	72.83	73.35	73.65	.....	.....	73.67	.....	72.82
20	72.33	72.83	72.99	.....	73.09	73.50	73.65	73.89	.....	73.73	73.29	72.95
25	72.22	72.75	.....	72.50	73.04	73.50	73.64	73.89	74.05	73.70	73.09	72.95
Eom	72.27	72.74	.....	72.51	73.03	73.52	73.75	74.07	73.97	73.84	73.03	72.90

353726088483600--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	72.98	72.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	72.82	72.77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	72.94	72.73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	72.86	72.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	72.78	72.67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	72.86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
March 1971	72.86	October 1971	72.98	May 1972	74.84	December 1972	h75.35
April	72.67	November	73.12	June	74.98	February 1973	74.65
May	h71.53	December	73.61	July	75.07	Do.	74.76
June	h72.43	January 1972	74.19	August	75.22	May	72.73
July	h72.64	February	h74.14	September	75.32	July	76.16
August	72.75	March	74.45	October	75.46	September	72.04
September	72.86	April	76.74	November	75.57	November	72.10

h Tape measurement.

354223088380200 (revised). 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 of Late Cretaceous age, diam 6 to 4 in (15 to 10 cm), depth 659 ft (201 m), cased to 639 ft (195 m), screened 639-659 ft (195-201 m). Lsd 562.70 ft (171.51 m) above msl. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 124.50 ft (37.95 m) below lsd, Mar. 10, 1952; lowest 129.13 ft (39.36 m) below lsd, Nov. 15, 1963. Records available: 1949-73. Recording gage removed February 1971.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	128.22	.....	127.97	127.91	127.73	127.95	128.08	128.39	.....	128.43	128.50	128.46
10	128.23	128.02	127.96	127.82	127.78	127.96	128.16	128.41	e128.40	128.42	128.50	128.31
15	128.28	127.98	128.04	127.72	127.82	127.98	128.23	128.46	128.42	128.44	128.57	128.42
20	.....	127.99	127.91	127.70	127.81	128.01	128.28	128.22	128.42	128.49	128.45	128.41
25	.....	127.95	127.87	127.67	127.85	127.90	128.30	128.23	128.42	128.57	128.47	128.30
Eom	.....	127.92	128.01	127.72	127.87	128.05	128.38	128.23	128.50	128.51	128.45	128.12
1970												
5	128.20	128.19	.....	127.83	127.81	127.78	127.83	127.93	128.01	128.12	127.94	127.94
10	128.25	128.07	.....	.....	127.78	127.85	127.78	127.87	127.91	128.08	127.92	127.88
15	128.06	128.04	.....	.....	127.80	127.77	127.90	127.99	127.97	127.98	127.92	127.86
20	128.20	.....	.....	.....	127.88	127.63	127.92	127.99	127.97	127.98	127.87	127.85
25	128.10	.....	127.84	127.73	127.87	127.65	127.95	128.04	128.05	127.91	127.92	127.76
Eom	128.24	.....	127.90	127.72	127.94	127.79	127.98	128.17	128.06	127.94	127.88	127.71

1970

5	128.20	128.19	.....	127.83	127.81	127.78	127.83	127.93	128.01	128.12	127.94	127.94
10	128.25	128.07	.....	.....	127.78	127.85	127.78	127.87	127.91	128.08	127.92	127.88
15	128.06	128.04	.....	.....	127.80	127.77	127.90	127.99	127.97	127.98	127.92	127.86
20	128.20	.....	.....	.....	127.88	127.63	127.92	127.99	127.97	127.98	127.87	127.85
25	128.10	.....	127.84	127.73	127.87	127.65	127.95	128.04	128.05	127.91	127.92	127.76
Eom	128.24	.....	127.90	127.72	127.94	127.79	127.98	128.17	128.06	127.94	127.88	127.71

1971

5	127.78	127.47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	127.68	127.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	127.78	127.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	127.78	127.31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	127.63	127.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	127.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
March 1971	127.47	October 1971	128.06	June 1972	127.29	February 1973	126.44
April	127.47	November	128.06	July	127.47	Do.	126.48
May	127.49	December	127.98	August	127.51	May	125.93
June	127.52	January 1972	127.79	September	127.68	July	126.12
July	127.78	March	127.51	October	127.66	September	126.28
August	127.92	April	127.31	November	127.26	November	126.33
September	127.93	May	127.24	December	127.14		

Morgan County

355949084362000. Local number Mg:B-1. Leon Mitchell. Near Oakdale. Drilled unused water-table well in rocks of Pennsylvanian age, diam 6 in (15 cm), depth 103 ft (31 m), cased to 30 ft (9 m). Lsd 1,110 ft (338 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 44.40 ft (13.53 m) below lsd, Jan. 14, 1968; lowest 47.90 ft (14.60 m) below lsd, Nov. 22, 1964. Records available: 1964-69. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	46.6	45.8	45.7	45.6	45.7	46.2	46.2	46.4	46.6	46.5	46.1	45.9
10	46.6	45.6	45.8	45.6	45.7	46.1	46.2	46.4	46.7	46.3	46.1	46.3
15	46.6	45.4	46.1	45.6	46.0	46.2	46.3	46.6	46.7	46.2	46.4	46.2
20	46.2	45.8	45.8	45.7	46.0	46.2	46.2	46.5	46.7	46.4	46.3	46.1
25	46.4	45.6	45.8	45.6	46.1	46.3	46.2	46.5	46.4	46.5	46.2	46.0
Eom	46.0	45.5	46.2	45.6	45.9	46.4	46.4	46.6	46.4	46.3	46.0	45.9

Putnam County

360521085432600. Local number Pm:C-1. Tennessee Dept. of Highways at Silver Point. Drilled test water-table well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 175 ft (53 m), cased to 60 ft (18 m). Lsd 1,030 ft (314 m) above msl. MP top of shelter, 1.50 ft (0.46 m) above lsd. Highest water level 48.71 ft (14.85 m) below lsd, June 11, 1973; lowest 53.48 ft (16.30 m) below lsd, Dec. 23, 1969. Records available: 1968-73.

## Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	51.09	50.73	.....	50.53	50.97	51.43	51.81	52.17	52.57
10	.....	.....	.....	51.01	50.61	.....	50.57	51.01	51.50	51.88	52.26	52.62
15	.....	.....	.....	50.88	50.65	50.49	50.66	51.11	51.55	51.96	52.30	52.67
20	.....	.....	.....	50.80	50.69	50.37	50.74	51.20	51.65	51.99	52.39	52.73
25	.....	.....	51.15	50.75	50.88	50.34	50.77	51.27	51.68	52.08	52.45	52.74
Eom	.....	.....	51.10	50.63	.....	50.50	50.86	51.32	51.77	52.15	52.50	52.83

1969

5	52.80	52.67	52.30	52.34	.....	51.76	.....	52.28	52.57	52.85	53.08	53.29
10	52.90	52.57	52.32	52.18	.....	51.80	.....	52.27	52.63	52.90	53.11	53.30
15	52.93	52.46	52.28	52.09	.....	.....	52.08	52.38	52.64	52.94	53.20	53.37
20	52.86	52.49	52.22	52.05	.....	.....	52.11	52.43	52.70	52.99	53.20	53.38
25	52.94	52.34	52.31	51.85	.....	.....	52.16	52.49	52.77	52.99	53.24	53.43
Eom	52.91	52.30	52.38	.....	51.73	.....	52.22	52.57	52.79	53.01	53.27	.....

1970

5	53.22	53.33	52.82	.....	.....	52.12	52.25	.....	.....	52.59	52.82	52.99
10	53.26	53.14	.....	.....	.....	52.14	52.27	.....	52.37	52.67	52.87	52.98
15	53.26	53.11	.....	.....	52.08	52.22	52.30	.....	52.43	52.68	52.96	52.98
20	53.36	52.99	.....	.....	52.08	52.33	52.38	.....	52.48	52.68	52.99	53.03
25	53.25	52.91	.....	.....	52.10	52.16	52.42	.....	52.54	52.75	52.91	52.98
Eom	53.33	52.85	.....	.....	52.14	52.29	52.46	.....	52.52	52.80	52.93	52.96

1971

5	53.00	52.55	51.79	51.10	51.04	50.99	.....	.....	.....	.....	52.16	.....
10	52.90	52.46	51.70	51.11	51.05	.....	51.40	.....	.....	.....	.....	.....
15	52.92	52.31	51.57	51.00	50.92	.....	51.41	.....	.....	51.92	.....	.....
20	52.68	52.19	51.40	50.97	50.92	.....	51.48	.....	.....	.....	.....	.....
25	52.73	52.01	51.29	51.06	50.99	.....	51.50	.....	.....	.....	.....	.....
Eom	52.65	51.97	51.20	51.06	50.98	.....	51.53	.....	.....	.....	.....	.....

1972

5	.....	.....	.....	.....	50.20	50.32	50.83	.....	51.81	52.20	52.49	.....
10	.....	.....	.....	.....	50.23	50.39	50.86	.....	51.88	52.32	52.49	.....
15	.....	.....	.....	.....	50.20	50.68	50.90	.....	51.93	52.35	52.49	.....
20	.....	.....	.....	.....	50.22	50.69	50.92	.....	52.03	52.43	52.51	.....
25	.....	52.60	.....	50.19	50.28	50.74	50.94	51.70	52.08	52.38	52.50	.....
Eom	.....	52.23	.....	50.18	50.29	50.79	.....	51.77	52.10	52.44	52.50	.....

1973

5	.....	.....	.....	49.42	49.02	.....	.....	.....	49.90	50.48	50.99	.....
10	.....	.....	.....	49.48	.....	.....	.....	.....	49.96	50.57	51.13	.....
15	.....	.....	50.14	49.37	.....	.....	.....	49.58	50.10	50.64	51.09	.....
20	.....	.....	49.90	49.27	.....	.....	.....	49.60	50.21	50.73	.....	.....
25	.....	.....	49.80	49.11	.....	.....	.....	49.76	50.33	50.78	.....	.....
Eom	.....	.....	49.57	49.06	.....	.....	.....	49.83	.....	50.87	.....	.....

Robertson County

363602086425400. Local number Rb:M-2. City of Orlinda. Drilled unused artesian well in Fort Payne Chert of Early Mississippian age, diam 10 in (25 cm), depth 300 ft (91 m), cased to 20 ft (6 m). Lsd 720 ft (219 m) above msl. MP top of casing, 0.66 ft (0.20 m) above lsd. Highest water level 0.17 ft (0.05 m) below lsd, Apr. 4, 1968; lowest 25.26 ft (7.70 m) below lsd, Nov. 15, 1964. Records available: 1962-69. Measurement discontinued.

## Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.09	5.33	5.89	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	11.28	5.25	6.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	6.73	7.27	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	10.94	7.09	8.11	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	7.46	6.57	6.88	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	7.40	3.78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Sevier County

353841083345500. Local number Sv:E-1. Elkmont. Near Gatlinburg. Drilled unused water-table well in phyllite, sandstone, diam 6 1/2 in (16 cm), depth 215 ft (66 m), casing information not available. Lsd 2,400 ft (733 m) above msl. MP floor of recorder shelter, 2.00 ft (0.61 m) above lsd. Highest water level 18.02 ft (5.49 m) below lsd, Mar. 16, 1973; lowest 27.75 ft (8.46 m) below lsd, Oct. 28, 29, 1970. Records available: 1970-73.

## Lowest water level for the day, from recorder graph, 1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	23.39	23.81	25.79	26.52	27.00	27.36	27.64	27.61	27.12
10	.....	.....	.....	23.92	24.40	25.99	26.63	27.04	27.41	27.68	27.52	27.20
15	.....	.....	.....	24.63	25.00	26.11	26.78	27.13	27.47	27.70	27.34	27.22
20	.....	.....	25.57	24.90	25.16	26.21	26.85	27.19	27.50	27.72	27.25	27.33
25	.....	.....	25.28	24.78	25.39	26.31	26.90	27.23	27.56	27.73	27.06	25.16
Eom	.....	.....	24.99	23.45	25.68	26.43	26.93	27.34	27.58	27.67	27.08	25.92

353841083345500--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	26.01	24.22	23.88	24.01	24.91	25.55	25.18	22.21	24.70	25.64	25.13	25.65
10	25.61	23.83	23.56	23.35	24.94	25.68	25.37	22.96	24.94	25.81	25.06	25.39
15	25.83	24.23	23.87	23.58	24.89	25.70	25.48	23.72	25.18	25.94	25.28	25.33
20	25.77	24.48	24.10	24.15	24.96	25.10	24.46	24.31	25.34	25.12	25.37	25.25
25	24.52	23.77	24.36	24.56	25.16	24.53	25.27	23.66	25.42	24.91	25.55	25.05
Eom	24.30	23.86	24.04	24.74	25.36	24.88	22.59	24.31	25.52	25.18	25.69	25.18
1972												
5	24.41	23.90	22.80	23.62	23.69	25.13	25.38	26.23	26.64	26.30	25.90	25.58
10	23.90	24.03	23.21	24.10	23.92	25.31	25.08	26.21	26.76	25.94	25.78	25.27
15	22.22	23.86	23.63	23.82	24.29	25.47	25.34	26.16	26.84	26.08	25.69	22.97
20	23.12	23.67	23.62	24.18	24.52	25.57	25.53	26.28	26.92	25.64	25.77	23.45
25	23.59	23.73	23.81	23.73	24.72	25.68	25.70	26.38	27.01	25.49	25.79	23.76
Eom	23.65	22.89	23.38	24.11	24.92	25.48	26.21	26.50	26.78	25.77	25.74	24.37
1973												
5	24.70	23.41	24.80	24.03	23.49	24.30	25.03	25.03	25.38	26.11	26.56	25.28
10	24.81	23.31	24.95	24.01	24.03	24.79	25.26	23.55	25.54	26.20	26.64	25.59
15	25.05	23.60	24.99	24.35	24.26	25.00	25.35	23.05	25.67	26.28	26.66	25.69
20	25.11	23.81	22.20	24.64	24.60	23.16	25.03	24.13	25.76	26.35	26.71	25.77
25	24.02	24.30	22.87	24.78	24.84	24.16	25.08	24.75	25.92	26.44	26.37	25.19
Eom	23.89	24.56	23.46	22.50	23.59	24.72	24.94	25.15	26.01	26.48	24.62	24.23

e Estimated.

## Shelby County

350514089553700. Local number Sh:K-75. Memphis Light, Gas, and Water Division. Willowview Ave. and Getwell Rd. Drilled observation water-table well in terrace deposits, diam 6 in (15 cm), depth 91 ft (28 m), cased to 81 ft (25 m), screened 81-91 ft (25-28 m). Lsd 28 ft (79 m) above ms1. MP top of casing, 1.20 ft (0.37 m) above lsd. Highest water level 21.28 ft (6.49 m) below lsd, Apr. 2, 1950; lowest 49.62 ft (15.12 m) below lsd, Aug. 9, 1972. Records available: 1948-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	45.84	45.86	46.03	46.18	45.94	45.97	45.58	46.06	46.01	46.30	46.49	46.27
10	46.06	46.01	46.13	.....	45.88	45.85	45.86	46.41	46.06	46.50	46.16	46.40
15	45.86	45.92	46.10	.....	45.89	45.74	46.12	46.48	45.94	46.24	46.46	46.61
20	45.79	46.01	46.38	.....	45.86	45.74	45.90	46.30	45.88	46.40	46.12	46.52
25	46.17	45.97	46.21	.....	45.97	45.62	45.76	46.07	46.02	46.38	46.04	46.63
Eom	45.98	46.00	45.96	45.92	46.14	45.98	45.70	46.15	46.11	46.32	46.16	46.80
1970												
5	46.71	.....	47.14	47.21	47.23	46.76	47.22	47.32	47.42	47.36	47.56	47.56
10	47.34	.....	47.22	47.25	47.43	46.82	47.22	47.16	47.48	47.61	47.66	47.82
15	.....	.....	47.43	47.37	47.66	46.77	47.44	47.38	.....	47.62	47.76	.....
20	.....	.....	47.20	47.49	.....	46.87	47.40	47.35	.....	47.53	47.72	.....
25	.....	.....	47.17	47.34	.....	46.76	47.03	47.44	.....	47.52	47.49	.....
Eom	.....	46.99	47.43	47.37	46.93	47.01	47.02	47.70	47.18	47.57	47.52	47.70
1971												
5	47.90	47.89	.....	47.90	48.05	48.32	48.63	48.64	48.85	48.94	48.94	48.85
10	47.74	48.06	.....	47.99	47.99	48.39	48.59	48.66	48.86	48.90	49.00	49.10
15	47.95	47.82	.....	48.21	48.10	48.46	48.68	48.71	.....	48.90	49.09	.....
20	47.86	47.83	.....	.....	48.29	48.60	48.73	48.82	.....	48.93	49.08	.....
25	47.80	47.80	.....	.....	48.34	48.66	48.74	48.82	.....	48.92	48.99	.....
Eom	48.08	47.77	48.11	48.13	48.30	48.53	48.63	48.87	48.88	48.99	49.25	49.11
1972												
5	49.17	48.99	49.38	49.23	49.10	49.08	49.12	49.56	49.20	49.12	49.31	48.82
10	48.92	49.00	48.99	49.24	49.08	49.29	.....	49.44	49.30	49.32	49.30	49.02
15	49.36	49.06	48.98	49.32	48.91	49.28	.....	49.53	49.44	49.29	49.22	49.18
20	48.91	49.07	49.23	49.16	48.87	49.27	.....	49.40	49.24	49.10	49.25	48.78
25	49.46	49.24	49.38	49.48	49.03	49.41	.....	49.42	49.26	49.09	49.02	48.96
Eom	48.96	48.98	49.37	49.09	49.08	49.24	49.36	49.38	49.11	49.20	49.12	48.99
1973												
5	48.79	48.67	48.46	48.41	47.94	47.74	47.75	47.80	48.13	48.28	48.54	.....
10	48.76	48.70	48.40	48.39	48.18	47.76	47.84	47.92	47.91	48.26	48.56	.....
15	48.88	48.82	48.48	48.06	47.98	47.51	48.01	47.90	48.09	48.20	48.58	.....
20	48.78	48.91	48.36	48.16	47.85	47.72	47.48	47.94	48.01	48.32	48.54	.....
25	48.66	48.50	47.99	47.92	47.69	47.63	47.82	48.00	48.19	48.39	48.46	.....
Eom	48.63	48.52	48.07	48.03	47.74	47.88	47.64	48.01	48.05	48.46	.....	48.61

351435090005200. 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 of middle Eocene age, diam 6 in (15 cm), depth 434 ft (132 m), cased to 24 ft (129 m), screened 424-434 ft (129-132 m). Lsd 228.70 ft (69.71 m) above ms1. MP top of casing, 4.30 ft (1.31 m) above lsd. Highest water level 12.65 ft (3.86 m) below lsd, Sept. 3, 1940; lowest 56.23 ft (17.14 m) below lsd, Sept. 4, 5, 1972. Records available: 1940-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	49.65	48.62	48.36	48.32	46.58	47.68	50.47	50.89	53.17	51.92	53.20	51.46
10	49.67	47.66	48.38	47.91	47.29	49.28	50.44	51.92	53.52	52.57	53.03	51.30
15	50.12	48.72	48.54	46.80	47.63	49.95	50.58	52.54	53.66	53.16	52.83	51.60
20	50.28	47.10	.....	46.68	47.60	47.94	50.78	52.38	53.74	52.78	52.62	52.01
25	50.00	47.74	.....	46.42	47.90	50.38	50.41	52.49	52.26	52.78	52.42	51.77
Eom	49.16	48.05	48.80	46.16	47.80	50.43	50.62	52.63	51.79	52.99	52.09	50.85



351435090005200--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	50.25	51.70	....	49.32	47.91	49.09	51.13	53.22	54.63	....	50.51	49.64
10	49.58	51.53	....	48.49	47.72	49.38	51.57	53.44	54.34	....	50.51	49.59
15	50.53	51.00	....	48.25	47.95	50.19	52.39	53.20	54.08	....	50.50	49.50
20	51.36	50.99	....	48.69	48.00	50.19	52.59	53.57	....	....	50.25	....
25	51.73	50.60	....	48.33	48.39	50.34	52.66	53.72	....	....	49.68	....
Eom	51.96	50.44	49.30	48.49	49.06	50.86	52.85	54.63	....	50.52	49.70	48.05
1971												
5	48.10	49.32	48.24	48.92	....	....	e52.72	e54.42	e55.20	e52.62	e53.90	53.65
10	48.26	49.89	47.77	49.14	....	....	e52.27	e54.24	e55.24	e53.08	e53.91	53.24
15	48.54	49.67	48.07	48.78	e50.18	....	e52.85	e54.28	e55.24	e53.30	e53.78	52.95
20	48.58	49.73	48.39	49.76	e49.92	....	....	e54.56	e55.19	....	e53.78	51.50
25	48.78	49.43	48.39	49.37	e49.83	....	....	....	e54.00	....	....	52.54
Eom	49.22	49.23	48.77	h49.73	....	e52.25	e54.63	e54.94	e52.57	e53.46	53.73	52.17
1972												
5	52.04	52.31	50.43	49.95	48.30	51.10	53.34	55.12	56.23	55.03	55.02	53.30
10	51.98	52.20	50.02	50.24	48.33	52.00	52.86	....	56.04	55.25	54.49	52.78
15	51.88	52.06	50.03	50.17	48.63	52.66	52.97	....	56.06	55.46	54.45	52.40
20	51.54	52.13	49.90	49.64	48.90	52.91	53.34	....	55.78	55.76	54.21	51.39
25	52.15	51.53	50.03	49.24	49.57	53.08	54.12	....	54.68	55.77	53.55	50.84
Eom	52.33	51.00	50.00	48.45	50.30	53.28	54.90	56.01	54.57	55.20	53.34	49.18
1973												
5	48.95	50.34	50.83	....	....	46.72	49.30	53.12	54.34	54.19	55.04	50.44
10	49.04	49.82	50.91	....	....	46.08	49.95	53.62	54.00	53.88	55.00	51.39
15	49.70	49.64	50.01	....	....	45.42	50.88	54.49	53.94	54.18	54.93	51.71
20	50.30	49.60	48.89	....	45.84	46.00	51.58	54.41	54.17	54.48	54.91	52.01
25	50.58	49.81	47.18	....	46.51	47.08	52.45	54.36	54.34	54.64	54.62	51.84
Eom	50.18	50.39	....	45.66	46.86	48.41	52.54	54.52	54.18	54.81	53.72	50.93

e Estimated.

h Tape measurement.

350923090023500. 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 of middle Eocene age, diam 30 in (76 cm), depth 98 ft (30 m), cased to 80 ft (24 m). Led 229.70 ft (70.01 m) above msl. MP top of casing, 0.40 ft (0.12 m) above led. Highest water level 19.09 ft (5.82 m) below led, Apr. 1, 1933; lowest 73.4 ft (22.4 m) below led, July 30 to Aug. 1, 1954. Records available: 1927-33, 1936-73.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	68.39	67.52	66.39	65.55	62.85	65.80	68.22	70.62	71.00	70.90	69.43	69.51
10	67.67	66.83	66.20	65.16	62.90	65.82	68.15	70.65	.....	70.83	.....	69.33
15	67.30	66.22	66.00	66.10	63.35	66.76	67.91	70.67	.....	70.76	e69.40	69.42
20	67.45	66.43	65.80	64.70	64.21	67.29	68.28	70.65	.....	70.77	.....	69.46
25	67.88	66.11	65.55	64.23	64.50	67.42	68.70	.....	.....	.....	.....	69.58
Eom	68.03	65.95	66.10	62.65	65.98	67.97	69.42	71.01	70.84	69.68	69.42	69.50
1970												
5	68.83	69.30	67.96	65.54	64.60	65.48	69.70	70.38	70.35	69.21	66.50	64.38
10	68.60	69.20	67.60	64.67	64.29	65.42	69.35	70.40	70.15	68.81	.....	64.43
15	69.25	68.74	66.65	64.10	63.53	66.13	69.62	70.20	70.14	e69.17	65.80	64.59
20	69.98	68.86	66.60	64.65	64.25	66.97	70.02	.....	69.49	.....	65.57	64.44
25	69.44	68.05	66.40	65.89	64.97	67.74	70.20	.....	69.20	.....	.....	64.01
Eom	69.34	67.88	65.61	65.11	65.40	69.71	70.31	70.27	69.20	66.70	63.82	61.43
1971												
5	60.50	62.80	63.22	63.62	.....	.....	69.45	71.02	71.23	69.80	70.01	69.72
10	.....	63.85	62.35	63.75	.....	.....	69.55	70.91	70.85	69.82	70.00	69.58
15	.....	63.42	62.35	e63.33	.....	.....	69.98	71.01	70.80	69.72	69.91	69.53
20	.....	63.40	62.71	62.82	.....	.....	70.48	71.05	70.85	69.62	70.01	69.53
25	.....	63.99	62.92	63.28	.....	.....	70.85	71.19	70.45	69.71	70.18	69.46
Eom	62.14	63.82	63.30	64.31	.....	69.80	71.10	71.25	69.85	69.84	69.78	69.39
1972												
5	.....	69.35	68.42	67.09	67.30	69.58	69.90	70.95	70.10	69.62	.....	67.65
10	.....	e69.25	67.72	67.70	67.16	69.50	69.60	70.70	70.02	69.55	.....	67.20
15	.....	69.17	67.25	68.05	67.03	69.97	69.62	70.69	70.01	69.62	.....	66.33
20	.....	69.10	67.40	67.55	66.98	70.42	69.60	70.72	70.00	69.82	.....	65.70
25	.....	68.95	67.56	67.58	67.85	70.67	69.72	70.52	70.01	69.48	.....	65.20
Eom	69.20	68.70	67.56	67.38	69.07	70.58	70.75	70.52	69.82	69.25	68.23	.....
1973												
5	.....	63.75	65.78	61.52	60.85	.....	68.92	.....	69.62	69.27	69.48	.....
10	.....	64.45	65.89	62.19	61.29	.....	69.48	.....	69.78	69.20	69.42	.....
15	.....	64.25	.....	61.57	61.41	.....	69.63	.....	69.72	69.40	69.02	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	69.65	69.40	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	69.59	.....	.....
Eom	66.20	64.74	62.52	61.40	61.54	67.69	69.45	69.88	69.39	69.35	68.03	63.80

e Estimated.

351320089535800. Local number Sh:P-1. Memphis Light, Gas, and Water Division. Raleigh. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam 6 in (15 cm), depth 344 ft (105 m), cased to 334 ft (102 m), screened 334-344 ft (102-105 m). Lsd 299.80 ft (91.38 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 63.33 ft (19.30 m) below lsd, Sept. 27, 1940; lowest 114.11 ft (34.78 m) below lsd, Aug. 27, 1973. Records available: 1940-73.

351320089535800--Continued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	105.74	105.77	105.32	105.88	105.68	106.34	108.43	108.24	109.04	107.34	107.72	107.75
10	105.81	105.68	105.40	105.86	105.70	106.82	108.88	108.90	109.17	107.26	107.96	107.17
15	105.90	105.46	105.69	105.62	105.80	107.00	108.97	109.44	109.19	107.40	108.00	107.56
20	105.77	105.30	105.79	105.53	106.00	107.26	108.64	108.93	109.13	107.61	107.73	107.67
25	106.00	105.31	105.78	105.53	106.24	107.41	108.46	108.81	108.58	107.63	108.05	107.81
Eom	105.96	105.17	106.10	105.56	106.36	108.26	108.14	109.02	107.74	107.44	107.86	106.97
1970												
5	107.08	107.84	107.28	107.25	107.22	107.44	109.26	109.58	110.16	108.74	107.78	106.41
10	107.31	107.84	107.27	107.22	107.15	107.62	109.35	109.23	109.98	108.54	107.80	106.25
15	107.21	107.75	107.57	107.10	107.22	107.69	109.63	109.39	109.96	108.60	107.73	106.08
20	107.43	107.94	107.64	106.92	107.13	108.09	109.79	109.45	109.60	108.44	107.60	106.11
25	107.52	107.64	107.41	107.15	107.29	108.45	109.70	109.62	109.06	108.20	107.66	.....
Eom	107.82	107.54	107.38	107.26	107.73	109.03	109.48	110.10	108.49	107.96	107.50	106.43
1971												
5	106.30	106.35	107.38	107.19	107.71	108.24	e109.18	110.78	111.52	110.13	110.65	109.81
10	106.23	106.59	107.01	107.31	107.86	108.07	e110.03	110.78	111.46	110.10	110.52	109.71
15	106.34	106.92	107.07	107.02	107.81	108.24	e110.06	110.76	111.56	110.13	110.26	109.65
20	106.31	107.40	107.11	107.04	107.86	108.49	110.54	110.93	111.49	110.32	110.16	109.43
25	106.26	107.08	107.06	107.07	107.74	108.84	110.77	111.02	110.04	110.20	110.10	109.52
Eom	106.22	107.38	107.13	107.52	107.81	e109.42	110.71	111.33	110.09	110.56	109.87	108.86
1972												
5	108.72	109.52	107.98	107.16	108.25	110.42	111.36	113.06	113.28	112.22	112.71	111.70
10	108.74	109.41	107.86	107.02	108.46	110.99	111.21	113.28	113.44	112.56	112.34	111.47
15	109.21	108.92	107.42	107.14	108.59	111.30	111.33	113.14	113.54	112.89	112.18	111.26
20	108.99	109.00	107.34	107.59	108.76	111.49	111.66	113.43	113.36	112.99	112.34	110.40
25	109.24	108.59	107.30	107.93	109.00	112.08	112.31	113.14	112.74	.....	112.27	110.14
Eom	109.27	108.33	107.22	108.27	109.81	111.61	112.88	113.58	112.32	112.74	111.60	109.91
1973												
5	109.70	110.40	110.14	109.63	108.88	108.77	110.62	120.65	113.84	112.27	111.59	111.88
10	109.83	110.39	110.03	109.22	108.34	109.24	110.94	113.22	113.09	112.14	.....	111.92
15	109.86	110.36	110.66	109.26	107.75	108.92	109.57	113.28	112.85	112.07	.....	111.64
20	109.97	110.32	110.92	109.04	109.56	109.52	111.49	113.67	112.63	112.03	.....	111.28
25	109.99	110.11	110.48	110.69	108.14	109.84	111.93	113.98	112.61	112.10	.....	110.98
Eom	110.17	110.16	109.83	109.00	108.50	110.11	112.12	113.93	112.40	111.98	111.53	110.48
e Estimated.												

e Estimated.

350735089593300. Local number Sh:P-76. Memphis Light, Gas, and Water Division. Central Ave. and Tanglewood St. Drilled unlined artesian well in sand of Claiborne Group of middle Eocene age, diam 12 in (30 cm), depth 488 ft (149 m), cased to 428 ft (130 m), screened 428-488 ft (130-149 m). Lsd 286.70 ft (87.39 m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 58.65 ft (17.88 m) below lsd, Apr. 3, 1933; lowest 141.83 ft (43.23 m) below lsd, Aug. 25, 1972. Records available: 1928-73.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	127.30	126.79	127.53	127.14	126.43	130.15	131.60	133.77	134.59	134.74	132.30	130.16
10	127.93	126.80	126.00	127.00	127.86	130.50	133.56	134.88	134.26	.....	132.09	129.94
15	128.07	126.96	126.84	125.90	128.05	132.17	135.32	136.14	133.87	.....	132.21	129.85
20	127.38	.....	126.71	126.87	127.98	132.67	134.85	135.65	.....	.....	131.70	130.84
25	127.57	126.78	126.94	126.93	128.95	131.95	133.65	134.50	.....	.....	131.51	130.25
Eom	127.79	126.94	126.93	126.05	129.62	132.32	132.90	135.45	134.05	132.42	130.53	128.42
1970												
5	128.58	131.36	129.01	129.32	129.75	132.21	135.85	136.05	138.12	133.82	131.20	129.43
10	129.10	130.28	128.93	128.36	129.75	131.80	136.93	136.10	136.30	134.00	131.37	128.94
15	130.65	130.72	129.81	128.46	130.27	132.94	136.77	137.17	135.75	133.45	130.86	128.39
20	130.94	130.55	129.15	128.66	130.24	134.05	136.64	137.45	136.30	131.75	130.50	129.13
25	131.29	128.95	128.65	129.87	131.36	.....	136.93	137.30	136.15	130.90	130.09	128.45
Eom	131.26	128.98	128.30	130.05	131.90	135.04	135.90	137.90	134.45	131.59	128.75	126.36
1971												
5	127.05	129.75	129.57	128.32	129.60	133.14	134.82	138.50	139.95	137.47	135.90	132.65
10	128.02	130.08	128.65	128.26	130.16	133.50	136.76	138.06	139.00	137.13	134.68	133.00
15	128.84	130.00	128.22	129.26	131.06	134.32	138.57	138.81	138.87	136.65	134.54	132.57
20	128.65	130.52	129.01	129.85	131.75	135.45	139.10	139.62	138.00	136.07	134.73	132.31
25	128.10	129.73	128.78	129.46	131.90	136.50	138.95	139.44	137.32	135.46	134.27	132.15
Eom	129.24	130.19	128.90	130.62	132.00	136.40	139.07	140.05	137.20	136.02	132.65	130.40
1972												
5	130.18	131.95	131.20	129.62	131.07	133.76	136.45	141.52	139.44	137.85	136.32	132.75
10	130.02	131.66	130.98	129.87	130.37	136.63	135.25	141.24	139.68	137.45	135.86	132.45
15	131.24	131.06	130.17	130.94	130.25	136.83	136.25	140.52	139.57	137.61	135.12	133.20
20	131.81	132.04	130.27	131.02	131.20	136.70	137.25	141.68	.....	137.54	134.60	132.67
25	131.73	131.55	131.21	131.15	132.05	138.27	138.60	141.83	.....	136.87	133.46	132.00
Eom	131.35	131.01	130.90	131.32	133.00	138.57	130.20	140.47	138.55	136.33	133.85	129.59
1973												
5	130.75	131.86	132.02	130.78	130.69	132.17	136.52	140.44	138.93	137.75	136.46	134.01
10	131.19	132.49	133.10	130.81	130.65	133.45	136.26	141.00	138.85	137.30	136.69	133.40
15	131.43	132.22	132.64	130.43	131.10	134.57	138.42	140.27	139.27	137.42	136.36	133.00
20	132.49	131.85	131.70	.....	131.35	135.45	138.58	140.00	138.12	137.62	135.40	133.43
25	132.05	132.11	131.81	.....	131.65	136.13	139.74	140.99	137.80	137.60	133.80	132.77
Eom	132.18	132.12	131.40	130.82	131.83	138.67	140.02	141.18	138.07	136.78	135.00	130.44

350900089482300. Local number Sh:Q-1. Memphis Light, Gas, and Water Division. Cordova. Drilled observation artesian well in sand of Claiborne Group of middle Eocene age, diam 6 in (15 cm), depth 384 ft (117 m), cased to 375 ft (114 m), screened 375-384 ft (114-117 m). Lsd 330.40 ft (100.71 m) above msl. MP top of casing, 2.40 ft (0.73 m) above lsd. Highest water level 74.08 ft (22.58 m) below lsd, Dec. 27, 1940; lowest 99.38 ft (30.29 m) below lsd, Oct. 20, 1972. Records available: 1940-73.

350900089482300--Continued.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	95.57	95.66	95.56	95.50	95.51	95.78	96.09	96.37	96.40	96.33	96.32	96.57
10	95.68	95.55	95.65	95.53	95.55	95.80	96.15	.....	96.51	96.34	96.37	96.51
15	95.70	95.59	95.76	95.49	95.61	95.92	96.23	.....	96.51	96.32	96.56	96.64
20	95.51	95.66	95.60	95.56	95.62	95.83	96.28	.....	96.52	96.29	96.48	96.65
25	95.72	95.53	95.58	95.55	95.68	95.93	96.28	.....	96.45	96.34	96.55	96.60
Eom	95.59	95.43	95.82	95.56	95.63	96.09	96.36	96.51	96.43	96.25	96.55	96.63
1970												
5	96.60	96.79	96.68	.....	.....	96.61	96.80	97.06	97.27	.....	97.43	97.42
10	96.67	96.72	.....	.....	.....	96.60	96.82	97.04	97.31	.....	97.30	97.40
15	96.63	96.66	.....	.....	.....	96.75	96.92	97.15	97.33	.....	97.39	97.45
20	96.74	96.95	.....	.....	.....	96.69	96.93	97.19	97.33	.....	97.34	97.34
25	96.55	96.65	.....	96.66	.....	96.70	97.02	97.22	97.43	.....	97.35	97.31
Eom	96.84	96.71	96.64	96.62	96.66	96.76	97.02	97.31	97.45	97.43	97.34	97.29
1971												
5	97.38	97.17	97.31	97.31	97.33	97.55	97.65	97.88	98.10	98.16	98.38	98.22
10	97.20	97.44	97.20	97.31	97.35	97.50	97.75	97.92	98.10	98.21	98.34	98.11
15	97.47	97.32	97.23	97.26	97.29	97.46	97.76	97.94	98.12	98.27	98.29	98.18
20	97.44	97.26	97.30	97.24	97.37	97.54	97.84	98.00	98.17	98.35	98.28	98.11
25	97.26	97.28	97.25	97.27	97.37	97.54	97.88	97.99	98.22	98.30	98.31	98.31
Eom	97.28	97.30	97.26	97.38	97.48	97.60	97.90	98.06	98.15	98.36	98.34	98.19
1972												
5	98.22	98.37	98.07	97.91	97.94	98.21	98.63	.....	99.09	99.25	99.32	99.08
10	97.77	98.23	98.10	97.90	97.90	98.36	98.65	.....	99.13	99.28	99.16	99.08
15	98.50	98.67	97.84	97.69	97.90	98.44	98.65	.....	99.17	99.27	99.22	98.96
20	98.10	98.29	97.82	97.89	97.99	98.43	98.74	.....	99.24	99.38	99.23	98.64
25	98.40	97.98	97.79	98.04	98.02	98.55	98.81	.....	99.26	99.30	99.04	98.69
Eom	98.20	98.03	97.83	97.98	98.14	98.60	98.81	99.11	99.08	99.26	99.29	98.70
1973												
5	98.82	98.63	98.35	98.48	98.08	97.88	98.12	98.39	98.70	98.74	98.64	98.37
10	98.87	98.64	98.45	98.42	97.84	97.92	98.21	98.40	98.69	98.66	98.72	98.55
15	98.76	98.48	98.35	98.48	97.88	97.92	98.25	98.39	98.70	98.66	98.55	98.58
20	98.65	98.55	98.31	98.21	97.57	97.99	98.29	98.48	98.76	98.66	98.55	98.56
25	98.86	98.46	98.12	97.84	97.64	98.03	98.31	98.55	98.73	98.60	98.44	98.51
Eom	98.67	98.56	98.30	98.04	97.94	98.03	98.31	98.68	98.73	98.35	98.68	98.56

35212089571200. Local number Sh:U-1. T. D. Ervin. Sloanville. Drilled unused artesian well in sand of Wilcox Group of early Eocene age, diam 24 to 16 in (61 to 41 cm), depth 1,558 ft (475 m), cased to 1,497 ft (456 m), screened 1,497-1,558 ft (456-475 m). Lsd 264.20 ft (80.53 m) above msl. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 33.20 ft (10.12 m) below lsd, Apr. 21, 1947; lowest 60.42 ft (18.42 m) below lsd, Dec. 20, 1970. Records available: 1946-73. Recording gage removed January 1971.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	53.62	53.00	51.66	51.66	51.41	52.35	53.32	53.81	54.59	54.52	54.96	54.68
10	53.48	52.68	51.46	51.81	51.81	52.56	53.46	54.00	54.81	54.49	54.99	54.69
15	53.56	52.26	51.35	51.96	51.84	52.87	53.58	54.38	54.86	54.69	55.03	54.73
20	53.32	52.12	51.42	51.79	52.00	52.95	53.58	54.26	55.06	54.61	55.08	54.73
25	53.66	51.90	51.36	51.60	52.18	53.05	53.50	54.27	54.90	54.72	54.94	54.59
Eom	53.30	51.76	51.19	51.52	52.16	53.32	53.66	54.39	54.68	54.74	54.77	54.36
1970												
5	58.06	58.36	58.09	56.48	.....	.....	58.24	58.97	59.33	59.45	59.12	58.88
10	57.78	58.03	58.06	56.30	.....	.....	58.34	59.13	59.56	59.59	59.04	58.95
15	58.24	57.99	58.22	55.93	.....	.....	58.34	59.14	59.69	59.72	59.06	58.95
20	58.11	58.21	58.08	56.25	.....	.....	58.69	59.14	59.71	59.37	59.03	60.42
25	58.12	58.00	58.08	56.31	.....	.....	58.95	59.07	59.67	59.23	58.90	60.04
Eom	58.42	57.99	58.09	.....	.....	58.03	58.98	59.29	59.55	59.29	58.84	59.92

Date	Water level	Date	Water level	Date	Water level	Date	Water level
January 1971	53.50	October 1971	55.59	July 1972	55.36	June 1973	51.07
February	53.58	November	55.77	August	56.00	July	53.16
March	53.07	December	55.76	September	56.72	August	54.24
April	52.91	January 1972	55.03	October	56.45	Do.	54.42
May	53.07	February	55.07	January 1973	53.73	September	54.72
June	53.78	March	54.46	February	53.23	October	55.09
July	54.60	April	53.75	March	51.81	November	55.15
August	55.16	May	53.50	April	50.33	December	54.07
September	55.80	June	54.82	May	50.50		

352110089571300. Local number Sh:U-2. T. D. Ervin. Sloanville. Drilled unused artesian well in sand of Claiborne Group of middle Eocene age, diam 18 to 12 in (46 to 30 cm), depth 1,134 m, cased to 360 ft (110 m), screened 360-419 ft (110-134 m). Lsd 268.76 ft (81.92 m) above msl. MP top of casing, 1.60 ft (0.49 m) above lsd. Highest water level 39.55 ft (12.05 m) below lsd, June 29, 1953; lowest 60.22 ft (18.36 m) below lsd, April 1971. Records available: 1953-73. Recording gage removed January 1971.

Lowest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	53.26	53.16	53.76	.....	53.56	54.62	55.28	55.56	55.72	56.25	56.93	56.80
10	52.69	53.18	53.95	.....	56.88	54.89	55.42	55.52	55.92	56.33	56.86	56.97
15	52.55	52.84	54.10	.....	54.25	55.04	55.40	55.45	55.82	56.54	56.73	56.77
20	52.46	53.05	54.24	53.66	54.40	55.04	55.41	55.26	56.02	56.44	56.62	57.13
25	52.38	53.41	54.24	53.59	54.46	55.19	55.50	55.48	56.00	56.57	56.62	57.14
Eom	52.94	53.72	54.04	53.60	54.51	55.32	55.59	55.54	56.09	56.74	56.83	57.18

352110089571300--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	55.26	.....	.....	53.55	52.66	52.84	53.49	54.30	54.95	54.48	54.54	54.45
5	55.49	.....	.....	53.40	52.84	53.06	53.65	54.37	55.07	54.55	54.55	.....
10	55.14	.....	.....	53.11	52.22	52.73	53.04	53.93	54.51	54.43	54.43	.....
15	55.27	.....	.....	52.73	52.39	53.03	54.00	54.51	55.08	54.59	54.33	.....
25	55.32	.....	.....	52.96	52.54	53.19	54.19	54.66	54.85	54.51	54.26	.....
Eom	54.25	.....	53.62	52.68	52.74	53.33	54.18	54.92	54.54	54.60	54.29	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
January 1971	60.07	November 1971	59.52	August 1972	57.54	May 1973	55.44
February	60.19	December	59.02	September	57.79	June	56.12
March	60.03	January 1972	56.64	October	57.64	July	56.22
April	60.22	February	56.60	November	57.37	August	56.90
May	59.94	March	56.31	December	56.95	Do.	57.11
June	59.42	April	56.72	January 1973	55.95	September	57.43
July	59.19	May	57.16	February	55.96	October	57.02
August	59.13	June	57.85	March	54.38	November	56.84
September	59.49	July	57.83	April	54.80	December	56.43
October	59.62						

Wayne County

351302087432300. Local number Wn:0-1. Ralph Hughes. Near Collinwood. Drilled unused water-table well in Fort Payne Chert of Early Mississippian age, diam 6 in (15 cm), depth 455 ft (139 m), cased to 205 ft (62 m). Led 1,080 ft (329 m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 177.47 ft (54.09 m) below lsd, May 26, 1968; lowest 184.68 ft (56.29 m) below lsd, Dec. 18, 1964. Records available: 1962-70. Measurement discontinued.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	181.43	181.43	181.30	181.32	180.30	180.17	.....	.....	.....	.....	182.08	182.05
10	181.48	181.45	181.40	181.40	180.59	180.05	180.44	.....	181.77	181.65	182.32	181.78
15	181.41	181.27	181.37	180.29	180.46	179.95	180.23	181.00	181.42	181.81	182.23	181.78
20	181.48	181.52	181.25	180.00	180.08	.....	180.40	.....	181.60	181.91	.....	182.52
25	181.78	180.97	181.02	180.07	180.05	.....	e180.50	.....	.....	.....	.....	181.90
Eom	181.76	181.13	180.80	180.20	.....	.....	e180.68	.....	.....	.....	182.40	.....

1970												
5	.....	182.11	181.83	.....	180.50	179.87	.....	180.48	180.80	181.38	181.61	.....
10	182.55	182.10	181.40	.....	179.95	e179.96	.....	180.13	e180.94	181.38	181.76	181.81
15	182.38	181.91	181.58	.....	179.88	.....	.....	180.85	.....	181.70	181.92	181.42
20	182.02	.....	181.50	180.32	180.10	.....	.....	.....	181.00	181.42	.....	.....
25	181.98	181.78	.....	180.54	179.81	.....	180.35	.....	181.20	181.28	.....	181.68
Eom	e181.91	182.00	.....	180.15	179.97	.....	180.36	181.08	181.20	181.78	.....	e181.38
e Estimated.												

Williamson County

355505086541100. Local number Wm:M-1. Tennessee Division of Geology and U.S. Geol. Survey.  
Near Franklin. Drilled observation artesian well in Knox Dolomite of Late Cambrian and Early  
Ordovician age, diam 6 in (15 cm), depth 1,160 ft (354 m), cased to 473 ft (144 m). Lsd 712 ft  
(217 m) above msl. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 84.21 ft  
(25.67 m) below lsd, Mar. 10, 1952; lowest 114.81 ft (34.99 m) below lsd, Jan. 31, 1950. Records  
available: 1950-73. Recording gate removed February 16, 1971.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	86.52	86.45	86.47	86.30	86.36	86.36	86.43	86.49	86.57	86.56	86.58	86.75
1	86.46	86.41	86.41	86.29	86.29	86.29	86.49	86.49	86.49	86.48	86.59	86.51
15	86.59	86.46	86.67	86.29	86.46	86.37	86.50	86.50	86.58	86.55	86.53	86.71
20	86.22	86.52	86.38	86.40	86.45	86.30	86.47	86.41	86.62	86.60	86.81	86.79
25	86.55	86.43	86.32	86.35	86.37	86.36	86.41	86.56	86.39	86.83	86.85	86.60
Eom	86.46	86.32	86.83	86.45	86.32	86.56	86.50	86.61	86.53	86.60	86.75	86.49

	1970											
5	86.78	86.94	86.65	86.72	86.88	86.67	86.79	86.79	86.75	86.92	86.78	86.88
10	86.94	86.60	86.46	86.70	86.74	86.72	86.70	86.57	87.11	86.89	86.79	86.94
15	86.69	86.64	86.83	86.73	86.78	86.81	86.92	86.94	86.91	86.90	86.79	86.97
20	86.84	87.04	86.68	86.45	86.94	86.73	86.76	86.78	86.83	86.86	86.65	86.88
25	86.57	86.68	86.45	86.71	86.68	86.61	86.91	86.79	86.91	86.69	86.96	86.77
Eom	86.85	86.84	86.70	86.65	86.85	86.92	86.76	86.96	86.89	86.89	86.91	86.58

[illegible]

355505086541100--Continued.

Date	Water level
Feb. 16, 1971	86.75
Mar. 23	89.82
Apr. 20	86.71
May 20	86.85
June 14	86.61
July 12	86.86
Aug. 17	86.81

Date	Water level
Sept. 13, 1971	86.69
Oct. 4	87.46
Nov. 8	87.00
Dec. 14	90.23
Jan. 24, 1972	86.82
Feb. 22	87.63
Mar. 7	86.29

Date	Water level
Apr. 10, 1972	86.47
May 17	86.11
June 5	86.29
July 17	86.29
Aug. 16	86.25
Oct. 2	86.26
Nov. 1	86.17

Date	Water level
Dec. 8, 1972	86.11
Jan. 3, 1973	86.01
Mar. 19	85.85
Apr. 6	85.94
May 30	85.70
Sept. 4	85.92
Nov. 13	86.15

# VIRGINIA

The observation-well program in Virginia was continued during the period 1969 through 1973. Prior to July 1, 1972, work was done in cooperation with the Division of Water Resources of the Virginia Department of Conservation and Economic Development. Subsequent to that date, cooperation was with the Bureau of Water Control Management of the Virginia State Water Control Board. Records for the well in Louisa County were computed and furnished by the Bureau of Surveillance and Field Studies of the Virginia State Water Control Board. Observation wells in Accomack County and the City of Hopewell were measured by paid observers. Figure 11 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 page 1. Local well numbers are also given.

Local well numbers in Virginia are based on the "Index to Topographic Maps of Virginia". The 7½-minute quadrangles are identified by numbers and letters starting in the southwest corner of the State. The quadrangles are numbered 1 through 69 from west to east beginning at longitude 83°45' and are lettered A through Z (omitting letters I and O) from south to north beginning at latitude 36°30'. Wells are numbered serially within each 7½-minute quadrangle. Thus well 55B22 is located in quadrangle 55B and is the 22nd well located in the quadrangle. This numbering system superseded the old system of numbering wells by county. For reference purposes, the old numbers are also given for some wells.

## Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

### City of Alexandria

(Formerly published as Fairfax County)

384843077054301. Local number 54U1. Formerly 11. W. G. Lewis. 9 South Cockrell St., Alexandria. Drilled unused water-table well in sand of Early Cretaceous age (previously reported in Potomac Group of Early and Late Cretaceous age), diam 6 in (15 cm), depth 50 ft (15 m), casing information not available. Lsd 110 ft (34 m) above msl. MP inner flange of cement pit, 0.70 ft (0.21 m) above lsd. Highest water level 44.37 ft (13.52 m) below lsd, Apr. 30, 1958; lowest 46.07 ft (14.04 m) below lsd, June 26, 1970. Records available: 1957-70. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1969	45.30	June 27, 1969	45.40	Nov. 28, 1969	45.44	Mar. 30, 1970	45.20
Feb. 28	45.24	Aug. 1	45.40	Dec. 29	45.25	Apr. 29	45.13
Mar. 26	45.17	27	45.58	Jan. 26, 1970	45.25	May 27	45.02
Apr. 28	45.20	Sept. 26	45.45	Mar. 2	45.08	June 26	46.07
May 28	45.29	Oct. 27	45.49				

j Interpolated measurement.

### City of Colonial Heights

371644077244601. Local number 51G1. Johnson and Swearingen. Pilcher Well, Matoaka Manor. Drilled unused water-table well in Petersburg Granite of late Paleozoic age; diam 6 in (15 cm); depth 100 ft (30 m), previously reported 139 ft (42 m); cased to 50 ft (15 m); open hole 50-100 ft (15-30 m). Lsd 57.30 ft (17.47 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 11.13 ft (3.39 m) below lsd, Jan. 18, 1960; lowest 19.09 ft (5.82 m) below lsd, Jan. 14, 1942. Records available: 1939-73.

Jan. 28, 1969	17.53	Mar. 26, 1970	14.83	July 28, 1971	15.19	Oct. 26, 1972	14.50
Feb. 26	16.20	Apr. 28	13.98	Aug. 25	15.49	Nov. 27	13.50
Mar. 26	14.05	May 27	14.69	Sept. 28	16.36	Dec. 27	12.82
Apr. 28	13.76	June 26	15.37	Oct. 29	15.33	Jan. 26, 1973	13.84
May 27	14.55	July 28	15.93	Nov. 29	14.57	Feb. 26	13.17
June 5	14.76	Aug. 26	16.25	Dec. 28	14.80	Mar. 29	13.86
26	15.05	Oct. 1	16.66	Jan. 27, 1972	15.38	Apr. 26	13.30
July 15	15.29	28	17.16	Feb. 28	14.05	May 29	14.40
30	15.34	Nov. 24	17.17	Mar. 29	14.22	June 28	15.25
Aug. 27	14.24	Dec. 28	17.49	Apr. 25	14.03	July 27	15.89
Sept. 26	14.72	Jan. 28, 1971	17.07	May 26	13.81	Aug. 29	16.50
Oct. 29	15.06	Feb. 25	15.58	July 19	14.46	Sept. 27	17.07
Nov. 25	15.64	Mar. 29	14.83	26	14.67	Oct. 29	17.54
Dec. 29	15.55	Apr. 28	14.28	Aug. 28	15.34	Nov. 28	17.89
Jan. 28, 1970	14.74	May 27	14.60	Sept. 26	16.01	Dec. 27	17.20
Feb. 25	14.84	June 28	14.33				

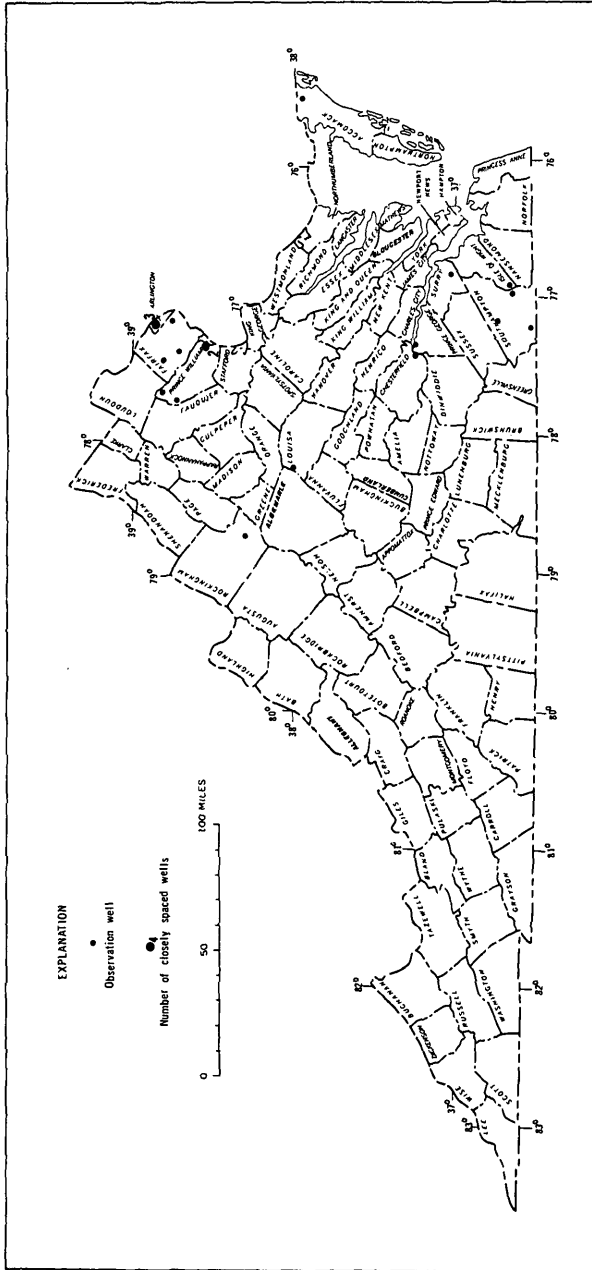


Figure 11.--Location of observation wells in Virginia, 1969-73.

City of Franklin

364047076552401. Local number 55B22. City of Franklin. Fifth Ave. and Middle St. Jetted observation artesian well in sand of Early Cretaceous age (previously reported in sand of Potomac Group of Early and Late Cretaceous age), diam 4 in (10 cm), depth 354 ft (108 m), screened 335-354 ft (102-108 m). Lsd 21.24 ft (6.47 m) above msl. MP top edge of manhole, at lsd; previously erroneously reported top of casing, 0.50 ft (0.15 m) below lsd. Highest water level 14.5 ft (4.4 m) below lsd, June 25, 1942; lowest 178.8 ft (54.5 m) below lsd, Jan. 4, 1969. Records available: 1942-73. Water levels affected by local pumpage.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1969	178.8	Mar. 2, 1970	163.20	June 2, 1971	171.83	Oct. 16, 1972	171.13
11	157.5	Apr. 8	169.84	July 12	169.62	Nov. 30	173.77
18	158.3	May 18	173.26	Sept. 2	169.89	Feb. 21, 1973	173.81
25	163.0	July 8	167.98	Oct. 4	170.46	Apr. 2	176.32
Feb. 28	158.47	Aug. 12	174.41	Nov. 15	171.07	May 14	177.10
Mar. 28	162.33	Sept. 22	178.59	Dec. 20	173.45	June 25	177.73
Apr. 30	164.13	Nov. 4	177.86	Feb. 7, 1972	173.08	25	176.90
May 27	168.22	Dec. 14	178.40	Mar. 20	174.31	Aug. 7	174.76
July 28	169.22	28	152.32	May 1	175.23	Oct. 3	174.81
Aug. 27	166.30	Jan. 25, 1971	174.15	June 12	178.75	Nov. 1	173.62
Dec. 3	165.21	Mar. 8	177.40	July 19	171.80	27	175.41
Jan. 22, 1970	165.77	Apr. 19	167.79	Sept. 6	169.11		

City of Hopewell

371801077164201 (revised). Local number 52G1. Old Dominion Water Corp. Hopewell. Drilled unused artesian well in sand of Early Cretaceous age (previously reported in sand of Potomac Group of Early and Late Cretaceous age), diam 6 in (15 cm), reported depth 300 ft (91 m), screen depth unknown. Lsd 50.26 ft (15.32 m) above msl. MP top of casing, 0.34 ft (0.10 m) above lsd. Highest water level 20.73 ft (6.32 m) below lsd, Jan. 25, 1954; lowest 56.95 ft (17.36 m) below lsd, Aug. 14, 1943. Records available: 1939-73.

Jan. 3, 1969	39.85	Mar. 6, 1970	38.27	May 7, 1971	37.43	July 7, 1972	34.57
10	39.64	13	37.94	14	37.51	14	34.40
17	40.07	20	38.00	21	36.02	21	34.80
24	36.65	27	38.15	28	36.77	28	34.87
31	39.38	Apr. 3	36.11	June 4	35.83	Aug. 4	34.92
Feb. 7	39.11	10	37.89	11	36.51	11	35.06
14	38.27	17	38.16	18	36.62	18	35.17
21	39.26	24	38.19	25	36.64	25	35.11
28	38.12	May 1	38.20	July 2	36.66	Sept. 1	35.09
Mar. 7	37.66	8	38.21	9	36.97	8	35.09
14	38.61	15	38.19	16	37.16	15	35.07
21	39.11	22	38.32	23	37.06	22	35.08
28	39.08	29	38.18	30	37.09	29	35.00
Apr. 4	39.43	June 5	38.03	Aug. 6	38.80	Oct. 6	29.66
11	38.84	12	38.08	13	36.97	13	34.26
18	39.05	19	38.12	20	36.89	20	34.76
25	38.95	26	38.07	27	36.78	27	35.00
May 2	39.25	July 3	38.03	Sept. 3	36.59	Nov. 3	34.49
9	38.99	10	38.76	10	36.76	10	34.26
16	39.41	17	38.15	17	36.70	17	33.36
23	39.08	24	37.42	24	36.93	24	32.38
30	39.04	31	37.74	Oct. 1	36.24	Dec. 1	32.82
June 6	39.05	Aug. 7	38.03	8	35.32	8	34.16
13	39.07	14	37.95	15	35.04	15	35.03
20	38.48	21	37.74	22	36.50	22	34.12
27	38.56	28	37.86	29	36.32	29	33.46
July 4	38.78	Sept. 4	38.04	Nov. 5	36.54	Jan. 5, 1973	34.92
11	37.22	11	38.19	12	36.51	12	34.86
18	38.34	18	38.29	19	36.56	19	34.83
25	38.25	25	38.29	26	36.59	26	34.76
Aug. 1	37.13	Oct. 2	38.17	Dec. 3	36.64	Feb. 2	33.83
8	33.83	9	38.35	10	36.42	9	34.15
15	31.53	16	38.21	17	36.54	16	34.66
22	33.21	23	38.11	24	36.76	23	34.84
29	38.33	30	38.19	31	36.39	Mar. 2	34.88
Sept. 5	38.62	Nov. 6	37.86	Jan. 7, 1972	36.36	9	34.70
12	38.82	13	33.95	14	35.94	16	34.48
19	38.84	20	36.81	21	35.67	23	32.84
26	38.47	27	37.25	28	35.82	30	33.73
Oct. 3	37.88	Dec. 4	37.53	Feb. 28	34.78	Apr. 6	33.87
10	38.24	11	37.80	11	34.76	13	33.97
17	38.36	18	37.42	18	34.97	20	34.76
24	38.80	25	37.58	25	35.78	27	32.63
31	38.82	Jan. 1, 1971	37.32	Mar. 3	35.66	May 4	34.45
Nov. 7	38.32	8	37.56	10	35.63	11	34.42
14	37.91	15	37.68	17	35.05	18	34.51
21	38.71	22	37.62	24	34.98	25	34.39
28	38.85	29	37.59	31	35.12	June 1	34.48
Dec. 5	38.61	Feb. 5	37.88	Apr. 7	35.14	8	34.66
12	36.60	12	36.38	14	34.79	15	34.70
19	38.44	19	37.02	21	35.21	22	34.72
26	38.16	26	37.16	28	35.11	29	34.76
Jan. 2, 1970	37.98	Mar. 5	35.92	May 5	34.59	July 6	34.74
9	38.41	12	37.18	12	34.31	13	34.61
16	38.61	19	37.56	19	34.26	20	34.71
23	38.68	26	37.20	26	35.16	27	34.74
30	38.54	Apr. 2	36.76	June 2	34.76	Aug. 3	34.62
Feb. 6	37.66	9	35.32	9	35.16	10	34.80
13	38.27	16	37.02	16	34.61	17	34.78
20	37.79	23	37.13	23	34.17	24	34.68
27	38.18	30	37.35	30	34.37	31	34.79



371801077164201--Continued.

Date	Water level
Sept. 7, 1973	34.78
14	34.76
21	34.75
28	34.73
Oct. 5	34.78

Date	Water level
Oct. 12, 1973	34.86
19	34.90
26	34.93
Nov. 2	34.62

Date	Water level
Nov. 9, 1973	34.88
16	35.08
23	35.06
30	34.97

Date	Water level
Dec. 7, 1973	35.00
14	34.29
21	34.25
28	34.33

Accomack County

375600075280002. Local number 67M2. U.S. Naval Air Station well B31. Wallops Station. Drilled unused water-table well in sand of Columbia Group of Pleistocene age, diam 8 in (20 cm), depth about 60 ft (18 m), screen depth unknown. Lsd 34.10 ft (10.39 m) above msl. MP top of casing, 6.09 ft (1.86 m) above lsd. Highest water level 17.82 ft (5.43 m) below lsd, May 9, 1963; lowest 22.31 ft (6.80 m) below lsd, Jan. 20, 1967. Records available: 1963-73.

Jan. 27, 1969	21.38
Feb. 24	21.76
Apr. 15, 1970	21.91

Aug. 6, 1970	20.46
Jan. 26, 1971	21.41
Aug. 25	21.01

Jan. 14, 1972	20.41
Mar. 1	20.41
Apr. 16	19.46

July 25, 1972	18.56
Jan. 5, 1973	19.31
Apr. 12	18.66

Arlington County

385346077073701. Local number 53V1. Formerly 1. Arlington County School Dept., Langston School. 4854 Lee Highway, Arlington. Dug unused water-table well in Brandywine Formation (previously reported of Pleistocene age) and Bryn Mawr(?) Gravel of Pliocene(?) age, overlying the Sykesville Formation of Precambrian age, diam 24 in (61 cm), depth 35 ft (11 m), terra-cotta casing. Lsd 410 ft (125 m) above msl. MP inner flange of manhole, at lsd. Highest water level 17.74 ft (5.41 m) below lsd, Apr. 20, 1935; lowest 34.80 ft (10.61 m) below lsd, Jan. 4, 1932. Records available: 1931-73.

Jan. 27, 1969	29.21
Feb. 27	28.80
Mar. 27	27.84
Apr. 28	27.71
May 28	28.10
June 26	28.17
July 25	28.10
Aug. 26	26.28
Sept. 25	26.33
Oct. 24	27.34
Nov. 26	28.27
Dec. 29	28.64
Jan. 26, 1970	27.39
Feb. 27	26.32
Mar. 25	26.00

Apr. 27, 1970	24.35
May 27	24.11
June 24	24.66
July 29	25.38
Aug. 31	26.27
Sept. 30	27.28
Oct. 29	28.18
Nov. 30	28.43
Dec. 31	28.35
Jan. 29, 1971	27.44
Feb. 26	26.20
Mar. 30	24.90
Apr. 28	24.25
May 28	23.98
June 28	23.32

July 30, 1971	24.34
Aug. 31	24.84
Sept. 30	25.12
Oct. 29	24.75
Nov. 30	24.37
Dec. 30	23.82
Jan. 28, 1972	23.93
Mar. 1	22.11
Apr. 28	20.78
May 30	19.92
June 25	19.36
30	19.45
Aug. 2	19.95
30	21.65

Sept. 29, 1972	23.31
Oct. 31	24.93
Dec. 1	24.58
Jan. 4, 1973	22.45
31	21.27
Feb. 28	21.19
Mar. 30	20.87
Apr. 30	19.34
May 31	19.90
June 29	20.77
July 30	22.30
Aug. 30	23.06
Oct. 2	24.15
Nov. 1	24.13
Dec. 3	26.45

385346077051901. Local number 54V1. Formerly 2. Grace Jones. 1918 N. Wayne St., Arlington. Dug unused water-table well in terrace gravels of Holocene age, diam 25 in (64 cm), depth 28 ft (9 m), casing information not available. Lsd 235 ft (72 m) above msl. MP top of terra-cotta casing, 1.43 ft (0.44 m) above lsd. Highest water level 15.85 ft (4.83 m) below lsd, May 20, 1933; lowest 25.42 ft (7.75 m) below lsd, Mar. 21, 28, 1931. Records available: 1928-70. Well destroyed; measurement discontinued.

Jan. 27, 1969	22.62
Feb. 27	21.94
Mar. 26	21.06
Apr. 28	21.26

May 29, 1969	21.34
June 26	21.35
July 25	21.01
Aug. 26	18.60

Sept. 26, 1969	20.03
Oct. 24	20.97
Nov. 26	21.59
Dec. 29	21.32

Jan. 26, 1970	20.29
Feb. 27	19.68
Mar. 25	20.23

385253077042301. Local number 54V3. Formerly 4. U.S. Dept. of Defense. Arlington National Cemetery. Dug unused water-table well in terrace gravels of Holocene age and sand of Early Cretaceous age (previously reported terrace gravel of Holocene age and Potomac Group of Early and Late Cretaceous age), diam 4 ft (1 m), depth 50 ft (15 m), casing information not available. Lsd 205 ft (62 m) above msl. MP top of stone and brick casing, 3.00 ft (0.91 m) above lsd. Highest water level 40.73 ft (12.41 m) below lsd, Aug. 2, 1972; lowest 44.90 ft (13.69 m) below lsd, Mar. 4, 1966. Records available: 1958-73.

Jan. 2, 1969	43.38
Feb. 31	43.50
Mar. 26	43.60
Apr. 28	43.62
May 28	43.63
June 26	43.68
July 29	43.80
Aug. 26	43.85
Sept. 26	43.52
Oct. 27	43.05
Nov. 26	42.87
Dec. 29	43.03
Jan. 26, 1970	43.29
Feb. 27	43.31
Mar. 25	43.20

Apr. 29, 1970	42.79
May 26	42.45
June 24	42.42
July 29	42.45
Aug. 31	42.47
Sept. 30	42.85
Oct. 29	43.16
Nov. 30	43.37
Dec. 31	43.15
Jan. 29, 1971	43.53
Feb. 26	43.50
Mar. 31	42.94
Apr. 28	42.53
May 28	42.29
June 28	42.10

July 30, 1971	42.07
Aug. 31	42.24
Sept. 30	42.35
Oct. 29	42.56
Nov. 30	42.59
Dec. 30	42.05
Jan. 28, 1972	42.18
Feb. 29	41.88
Mar. 31	41.29
Apr. 28	41.14
May 30	41.02
June 25	40.98
30	40.98
Aug. 2	40.73
30	41.23

Sept. 29, 1972	41.59
Oct. 31	42.11
Dec. 1	42.45
Jan. 4, 1973	42.45
31	42.25
Feb. 28	41.84
Mar. 30	41.50
Apr. 30	41.17
May 31	40.90
June 29	41.09
July 30	41.45
Aug. 30	41.69
Oct. 2	41.40
Nov. 1	42.25
Dec. 3	42.48

j Interpolated measurement.

Fairfax County

385152077211301. Local number 5201. Formerly 1. Atwell Somerville. Fair Acres Farm. Northwest of Fairfax on U.S. Highway 50. Dug unused water-table well in Wissahickon Formation of Precambrian and/or Early Cambrian age, diam 4 ft (1 m), depth 24 ft (7 m), uncemented stone casing. Lsd 400 ft (122 m) above msl. MP top of access pipe, 3.05 ft (0.93 m) above lsd (since 1962). Highest water level 9.17 ft (2.80 m) below lsd, June 25, 1972; lowest 23.58 ft (7.19 m) below lsd, Dec. 26, 1931. Records available: 1931-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1969	16.14	Apr. 27, 1970	12.88	July 30, 1971	14.45	Sept. 29, 1972	15.20
Feb. 27	15.52	May 26	13.51	Aug. 31	15.01	Oct. 31	15.65
Mar. 26	15.20	June 24	14.62	Sept. 30	15.14	Dec. 1	13.98
Apr. 24	15.43	July 29	15.47	Oct. 29	14.05	29	12.63
May 26	16.10	Aug. 31	16.31	Nov. 30	13.36	Jan. 31, 1973	12.03
June 26	16.38	Sept. 30	17.15	Dec. 30	13.83	Feb. 28	12.09
July 25	16.70	Oct. 29	17.67	Jan. 28, 1972	14.02	Mar. 30	11.96
Aug. 26	16.72	Nov. 30	16.32	Feb. 29	11.52	Apr. 30	10.33
Sept. 25	16.19	Dec. 31	15.81	Mar. 31	11.85	May 31	11.44
Oct. 24	16.79	Jan. 29, 1971	14.99	Apr. 28	11.13	June 29	13.05
Nov. 28	17.15	Feb. 26	13.14	May 30	11.56	July 31	14.54
Dec. 31	16.04	Mar. 31	13.11	June 30	9.28	Aug. 31	15.32
Jan. 26, 1970	15.43	Apr. 30	12.97	25	9.17	Oct. 1	15.81
Feb. 27	14.15	May 28	12.55	Aug. 1	11.74	Nov. 1	16.33
Apr. 1	13.62	June 28	12.83	30	13.84	29	16.72

384518077163501. Local number 5204. Formerly 6. Sydenstricker Church. East of intersection of State Highways 641 and 643, Springfield. Dug unused water-table well in granite of undetermined age, diam 24 in (61 cm), depth 28 ft (9 m), casing information not available. Lsd 340 ft (104 m) above msl. MP hole in cement platform, 0.67 ft (0.20 m) above lsd. Highest water level 12.54 ft (3.82 m) below lsd, Apr. 30, 1973; lowest 27.57 ft (8.40 m) below lsd, Nov. 30, 1964. Records available: 1957-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1969	23.03	Apr. 29, 1970	17.50	July 30, 1971	18.86	Sept. 29, 1972	19.36
Feb. 27	22.01	May 27	17.05	Aug. 31	20.53	Oct. 31	20.64
Mar. 26	21.13	June 24	17.55	Sept. 30	21.00	Dec. 1	19.23
Apr. 24	20.50	July 29	19.03	Oct. 29	21.38	Jan. 8, 1973	17.19
May 26	20.22	Aug. 31	20.44	Nov. 30	20.67	31	16.38
June 26	20.73	Sept. 30	22.03	Dec. 30	19.89	Feb. 28	15.14
July 25	21.70	Oct. 29	22.97	Jan. 31, 1972	19.12	Mar. 30	14.10
Aug. 26	22.22	Nov. 30	22.92	Feb. 29	17.25	Apr. 30	12.54
Sept. 26	22.57	Dec. 31	22.27	Mar. 31	16.04	May 31	13.29
Oct. 27	23.06	Jan. 29, 1971	21.22	Apr. 28	15.14	June 29	14.85
Nov. 28	23.38	Feb. 26	18.81	May 30	14.13	July 31	16.83
Dec. 29	22.71	Mar. 31	18.59	June 25	13.86	Aug. 30	18.03
Jan. 26, 1970	21.25	Apr. 29	17.51	30	13.97	Oct. 1	18.87
Feb. 27	19.82	June 1	16.44	Aug. 3	15.41	Nov. 1	19.41
Mar. 25	19.15	28	16.77	30	17.67	Dec. 3	20.17

Isle of Wight County

364059076544901. Local number 55B16. Union-Camp Corp. Franklin. Lumberyard well. Drilled observation artesian well in sand of Early Cretaceous age (previously reported sand of Potomac Group of Early and Late Cretaceous age), diam 6 in (15 cm), depth 305 ft (93 m), screened 285-305 ft (87-93 m). Lsd 25 ft (8 m) above msl. MP from June 6, 1960 to Feb. 18, 1969 was top of casing, 0.50 ft (0.15 m) above lsd (previously reported top edge of recorder platform, 3.2 ft (1.0 m) above lsd; to correct error in previously reported measurements from June 6, 1960 to Apr. 27, 1966, add 2.70 ft (0.82 m) to depth below land surface). MP top edge of recorder shelf, 3.50 ft (1.07 m) above lsd (since Feb. 18, 1969). Highest water level 99.00 ft (30.18 m) below lsd, Dec. 27, 1960 (revised); lowest 186.34 ft (56.80 m) below lsd, Oct. 15, 1970. Records available: 1960-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 17, 1966	124.6	Jan. 10, 1967	141.2	June 23, 1967	152.7	Dec. 14, 1967	162.8
25	125.2	18	140.4	July 12	150.1	21	162.3
June 2	125.38	24	141.3	Aug. 1	155.2	28	151.6
10	125.15	31	142.2	10	153.2	Jan. 9, 1968	167.0
24	125.50	7	141.9	16	157.0	19	160.7
July 7	127.20	15	139.9	25	155.8	25	160.7
14	126.7	20	140.6	Sept. 1	157.6	31	160.7
Sept. 12	139.0	Mar. 1	141.8	8	152.0	Feb. 9	163.0
22	136.8	7	139.8	14	158.3	16	162.9
29	136.3	15	140.1	26	157.0	22	163.6
Oct. 12	135.9	23	141.8	Oct. 4	156.9	27	164.4
20	135.2	28	145.1	13	156.7	Mar. 6	162.5
28	135.0	Apr. 6	142.1	24	154.8	15	164.8
Nov. 16	140.3	11	142.8	Nov. 7	159.3	19	164.0
22	141.8	20	144.4	7	163.6	25	164.3
Dec. 29	138.9	27	143.7	17	165.8	Apr. 4	165.9
7	138.6	May 15	145.1	24	163.8	15	165.6
14	138.0	31	146.3	Dec. 1	166.1	Aug. 7	170.25
20	140.2	June 1	146.3	8	162.5	Sept. 3	162.05
28	127.8	13	160.5			Feb. 18, 1969	167.55
Jan. 4, 1967	140.2						

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	169.18	166.80	172.85	173.98	169.85	.....	170.05	174.02	172.87	173.29
10	.....	.....	.....	169.46	172.45	172.80	167.40	175.66	172.60	173.30	172.94	173.67
15	.....	.....	.....	167.03	173.35	174.04	173.00	176.57	173.85	174.15	173.22	173.63
20	.....	.....	.....	168.25	172.70	172.10	172.93	174.93	176.40	173.96	172.05	174.02
25	.....	.....	.....	170.25	172.60	173.08	.....	174.11	176.80	172.38	171.55	171.37
Eom	.....	.....	.....	173.90	174.56	174.56	.....	176.28	176.35	172.65	172.56	168.17

364059076544901--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	171.11	173.00	171.30	174.43	177.16	181.66	175.60	181.76	184.07	.....	182.56	182.60
10	172.48	173.40	171.82	174.00	177.97	183.18	177.45	181.42	179.00	185.81	181.80	182.70
15	172.69	172.55	171.45	172.77	178.78	183.89	180.79	181.70	180.46	186.34	181.84	182.80
20	172.56	171.15	171.15	172.90	179.21	185.08	182.35	181.92	182.97	185.62	182.33	182.65
25	173.35	170.00	172.30	175.68	179.62	186.12	182.72	182.42	184.40	184.60	182.67	171.85
Eom	171.38	170.72	172.61	177.02	180.49	185.98	183.37	182.80	184.65	184.34	182.75	163.40
1971												
5	172.50	179.39	181.97	180.97	178.63	179.13	.....	179.70	176.66	177.29	177.64	181.10
10	175.84	179.92	182.66	180.00	179.06	179.57	176.12	178.58	173.94	177.58	.....	181.21
15	177.41	180.45	182.98	178.24	178.66	178.30	178.01	177.97	175.81	178.15	177.93	180.98
20	177.80	180.62	182.27	175.23	178.65	179.17	177.22	177.07	.....	177.65	178.83	.....
25	179.15	181.95	181.98	175.62	179.05	179.35	178.77	177.77	177.14	177.10	180.18	.....
Eom	179.52	179.31	181.53	178.10	179.28	.....	178.47	177.40	178.03	177.11	179.82	.....
1972												
5	175.51	180.18	180.75	182.11	182.83	184.52	180.00	180.98	178.30	181.05	179.41	181.32
10	177.23	180.75	180.60	182.05	182.38	.....	177.40	181.07	179.93	180.64	178.83	181.27
15	178.08	180.64	181.10	181.92	183.55	185.34	.....	181.02	181.09	178.28	179.80	181.16
20	178.93	180.87	181.39	181.88	183.60	185.60	179.71	181.06	181.48	178.30	180.24	181.10
25	179.66	180.43	181.65	181.85	183.92	185.74	181.39	181.22	181.05	177.59	180.74	178.37
Eom	179.66	180.57	181.27	182.25	184.23	185.18	180.97	181.28	180.88	179.24	181.15	177.37
1973												
5	178.27	179.29	183.88	183.45	183.87	183.58	.....	181.71	179.07	181.60	181.02	180.91
10	178.51	179.82	184.88	183.32	184.09	.....	182.37	180.56	181.60	181.60	180.91	180.48
15	179.14	180.22	185.65	183.26	184.27	184.60	182.89	182.59	181.90	181.66	180.71	180.67
20	178.78	180.74	184.97	183.82	183.63	184.00	182.80	182.36	182.11	182.10	180.96	180.81
25	179.02	181.97	185.10	183.76	183.87	184.06	182.21	181.34	181.84	181.78	180.86	178.90
Eom	179.20	182.63	183.40	183.61	183.35	183.72	182.33	181.40	181.90	181.26	181.24	178.13

Louisa County

380217078133701. Local number 45N1. Tyler well. Near Thelma, 3 mi (5 km) southwest of Boswells Tavern on Tyler property near State Highway 640. Drilled observation water-table well in Wissahickon Formation of Precambrian and/or Early Cambrian age, diam 6 in (15 cm), depth 56 ft (17 m), depth of casing unknown. Lsd about 500 ft (152 m) above msl. NP top of casing, 3.10 ft (0.94 m) above lsd. Highest water level 11.97 ft (3.65 m) below lsd, Apr. 30, 1973; lowest 34.24 ft (10.44 m) below lsd, Oct. 15, 1966. Records available: 1952-73.

Water level at noon, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.7	28.70	27.66	26.66	26.32	26.62	27.40	28.90	30.22	31.63	32.95	33.63
10	30.4	28.36	27.55	26.62	26.35	26.58	27.56	29.07	30.40	31.86	33.19	33.73
15	30.0	28.17	27.61	26.39	26.40	26.74	27.85	29.12	30.68	32.10	33.29	33.78
20	29.5	27.95	27.18	26.40	26.48	26.76	28.04	29.54	30.93	32.28	33.39	33.84
25	29.2	27.88	27.13	26.32	26.42	26.90	28.31	29.72	31.10	32.49	33.47	33.91
Eom	28.9	27.73	26.85	26.22	26.60	27.16	28.68	29.99	31.37	32.79	33.57	33.92
1969												
5	33.97	33.41	32.28	30.51	29.49	29.42	29.12	28.51	26.75	26.41	27.05	28.31
10	34.00	33.26	31.98	30.30	29.38	29.40	29.06	28.27	26.58	26.35	27.30	28.37
15	34.03	33.06	31.74	30.12	29.37	29.34	29.07	.....	26.37	26.49	27.54	28.33
20	34.03	32.84	31.47	29.96	29.29	29.26	28.99	e26.84	26.36	26.48	27.66	28.40
25	33.73	32.63	31.10	29.79	29.29	29.22	28.76	27.34	26.26	26.74	27.92	28.46
Eom	33.55	32.48	30.82	29.63	29.30	29.22	28.67	27.10	26.23	26.97	27.95	27.80
1970												
5	27.74	26.19	24.60	23.88	22.94	23.46	25.86	27.83	29.31	30.78	32.06	32.70
10	27.42	25.55	24.54	23.53	22.83	23.76	26.24	28.06	29.55	30.99	32.23	32.79
15	27.22	25.47	24.46	23.44	22.78	24.18	26.61	28.33	29.80	31.20	32.35	32.88
20	26.86	25.44	24.32	.....	23.00	24.54	26.97	28.52	30.04	31.48	32.41	32.91
25	26.60	24.89	24.29	.....	23.10	24.88	27.26	28.76	30.28	31.67	32.54	32.88
Eom	26.41	24.97	24.06	22.94	e23.30	25.36	27.54	29.00	30.46	31.89	e32.60	32.85
1971												
5	32.75	31.43	29.13	27.27	25.96	24.43	23.62	25.26	26.97	28.84	25.64	24.06
10	e32.51	31.11	28.72	26.95	25.99	24.22	23.74	25.50	27.18	27.80	25.08	23.42
15	e32.31	e30.69	28.30	26.71	25.88	23.91	23.89	25.84	27.40	27.62	24.82	23.23
20	e32.10	e30.25	28.00	26.37	25.54	23.70	24.18	26.13	27.50	.....	24.52	22.96
25	e31.89	e29.81	27.89	26.24	25.29	23.60	24.43	26.46	27.67	.....	24.44	22.95
Eom	31.65	e29.55	27.50	26.11	24.57	23.58	24.92	26.75	27.73	.....	24.12	22.69
1972												
5	22.81	22.84	20.10	19.90	20.48	19.81	19.26	21.62	23.78	25.71	23.72	20.26
10	22.64	22.66	19.98	20.01	20.46	20.12	19.46	22.01	24.28	24.90	23.23	19.71
15	22.95	21.80	19.58	20.10	20.16	20.46	19.66	22.26	24.44	24.50	22.60	19.24
20	22.69	21.74	19.80	20.17	20.06	20.68	20.10	22.63	24.98	24.50	21.88	18.71
25	22.82	21.32	19.56	20.34	19.91	.....	20.48	22.96	25.30	24.30	21.00	18.19
Eom	22.82	20.62	19.60	20.31	19.76	19.19	21.62	23.46	25.50	23.98	20.86	17.67
Lowest water level for the day, from recorder graph, 1973												
5	17.15	.....	15.84	.....	12.63	17.35	20.91	23.27	24.91	26.28	27.02	27.43
10	16.87	.....	.....	.....	13.40	18.00	21.42	23.52	25.17	26.32	27.14	27.20
15	16.84	.....	15.80	.....	14.43	18.65	21.96	23.85	25.46	26.40	27.10	26.80
20	17.00	.....	15.68	.....	15.15	19.32	22.31	24.10	25.70	26.60	27.28	26.35
25	16.91	.....	15.30	.....	15.99	19.87	22.65	24.38	25.96	26.70	27.33	24.95
Eom	16.48	15.48	14.41	11.97	16.75	20.40	22.97	24.70	26.17	26.86	27.45	23.62

e Estimated.

Prince William County

384930077420801. Local number 49U1. Virginia Department of Highways. North of State Highway 55 near Thoroughfare Gap, 3.7 mi (6.0 km) west of Haymarket. Drilled observation artesian well in shale and sandstone of Newark Group of Triassic age, diam 7 in (18 cm), depth 345 ft (105 m), cased to 20 ft (6 m), open hole 20-345 ft (6-105 m). Lsd 383 ft (117 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 2.89 ft (0.88 m) below lsd, Feb. 26, 1972; lowest 10.22 ft (3.12 m) below lsd, Nov. 8, 9, 1968. Records available: 1968-73.

## Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	....	....	10.18	9.44
10	....	....	....	....	....	....	....	....	....	....	10.16	9.36
15	....	....	....	....	....	....	....	....	....	....	9.99	9.12
20	....	....	....	....	....	....	....	....	....	....	9.78	8.89
25	....	....	....	....	....	....	....	....	....	....	9.64	....
Eom	....	....	....	....	....	....	....	....	....	10.19	9.65	....

1969

5	....	7.30	6.57	6.05	6.99	8.29	....	....	8.59	....	....	....
10	8.70	7.37	6.09	6.39	7.08	....	....	....	7.90	....	....	....
15	8.77	7.52	6.58	6.76	7.66	....	....	8.30	8.12	....	....	....
20	8.77	7.38	6.54	6.93	7.67	....	....	8.37	7.41	....	....	....
25	7.92	6.62	6.10	6.72	7.81	....	....	8.63	7.56	....	....	....
Eom	7.53	6.59	6.25	6.95	8.08	....	....	8.75	7.61	....	....	6.90

1970

5	....	....	5.00	....	....	....	7.85	6.38	8.19	9.32	9.16	7.28
10	....	....	....	....	....	....	7.69	6.72	8.41	9.45	9.04	7.47
15	....	....	....	....	....	....	6.25	7.25	8.69	9.49	7.02	7.70
20	....	....	....	....	....	7.30	7.38	8.86	9.64	9.64	6.80	6.72
25	....	....	....	....	....	7.52	5.52	7.68	9.00	9.4	6.98	5.50
Eom	....	....	....	4.15	....	7.84	5.64	8.00	9.09	9.62	7.02	6.03

1971

5	5.75	5.75	4.36	5.80	6.19	4.37	6.89	7.79	7.81	7.95	5.67	4.77
10	5.41	4.38	4.62	4.38	6.31	4.94	7.26	7.27	7.92	7.84	5.66	4.38
15	5.49	4.47	4.64	4.95	5.11	5.18	7.52	7.99	7.99	7.14	6.20	4.73
20	5.63	4.76	5.00	4.98	4.52	5.12	7.90	7.67	7.99	7.31	6.20	4.98
25	5.48	4.39	5.49	5.56	4.62	5.85	8.02	8.06	8.07	6.69	6.59	5.32
Eom	5.57	4.61	5.62	6.02	4.41	6.48	8.35	7.90	8.07	5.32	4.12	5.89

1972

5	5.62	4.88	4.05	5.08	4.40	5.40	4.32	6.52	7.95	8.69	8.57	5.57
10	5.01	4.97	4.59	5.21	4.61	6.00	4.79	6.92	8.32	8.88	8.22	4.59
15	5.28	3.79	4.47	4.50	4.56	6.16	5.29	7.16	8.37	8.75	7.51	5.01
20	5.35	3.81	4.29	4.42	4.75	6.39	5.47	7.27	8.58	8.89	6.56	4.89
25	5.70	3.61	4.25	3.44	4.38	3.66	5.89	7.51	8.59	8.74	5.96	4.50
Eom	5.63	3.51	4.69	4.11	4.78	4.07	6.28	7.86	8.55	8.74	5.79	4.94

1973

5	4.49	4.38	5.21	4.18	4.33	4.74	6.58	6.89	6.26	5.49	6.78	6.30
10	4.92	4.24	4.86	3.96	4.49	5.22	6.85	7.05	6.39	5.63	6.84	5.66
15	5.40	4.32	4.77	4.38	5.00	5.84	7.09	7.35	5.89	5.79	6.34	5.52
20	5.62	4.72	5.00	4.70	5.17	6.16	6.95	7.44	5.43	6.27	6.73	5.66
25	5.33	5.24	5.13	4.82	5.42	6.10	6.45	5.78	5.95	6.43	6.52	4.55
Eom	4.82	5.23	5.00	4.02	4.28	6.40	6.64	6.18	6.20	6.43	6.76	4.16

385607077381101. Local number 49V1. J. H. Hutchison. North of Haymarket at intersection of State Highways 600 and 615. Drilled observation artesian well in shale and sandstone of Newark Group of Triassic age, diam 7 in (18 cm), depth 165 ft (50 m), cased to 10 ft (3 m), open hole 10-165 ft (3-50 m). Lsd 420 ft (128 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.54 ft (2.30 m) below lsd, Feb. 28, 1972; lowest 12.28 ft (3.74 m) below lsd, July 12, 13, 1970. Records available: 1968-73.

## Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	....	....	....	9.37
10	....	....	....	....	....	....	....	....	....	....	10.91	9.56
15	....	....	....	....	....	....	....	....	....	....	10.14	9.47
20	....	....	....	....	....	....	....	....	....	....	9.57	9.70
25	....	....	....	....	....	....	....	....	....	....	9.49	9.32
Eom	....	....	....	....	....	....	....	....	....	....	9.75	9.44

1969

5	9.62	8.62	8.58	9.08	....	....	....	....	....	10.50	10.73	10.59
10	9.83	8.88	8.42	9.32	....	....	11.27	....	....	10.54	10.66	10.07
15	10.21	9.08	8.93	9.63	....	....	....	....	....	10.68	10.61	8.96
20	10.08	9.25	9.17	....	....	....	....	....	....	10.77	10.51	9.36
25	8.83	8.73	8.98	....	....	10.75	....	....	....	10.98	10.30	9.39
Eom	8.78	8.57	8.94	....	....	....	....	....	....	11.00	10.36	9.31

1970

5	8.94	8.83	9.06	....	9.15	10.05	11.22	12.13	11.28	11.74	10.44	....
10	9.28	8.56	8.47	9.37	9.55	10.08	11.77	11.89	11.42	11.81	10.21	9.92
15	9.68	....	8.79	....	9.48	10.42	12.25	11.55	11.54	11.84	8.36	9.82
20	9.33	8.46	9.08	....	9.43	....	11.81	11.40	11.60	11.60	8.53	8.85
25	9.54	8.69	....	....	9.76	....	12.27	11.29	11.68	11.20	....	8.28
Eom	9.16	9.11	9.39	....	10.08	....	12.14	11.14	11.59	11.18	....	8.94

1971

5	8.98	9.36	8.26	9.41	10.14	8.51	10.42	10.44	10.79	9.19	....	....
10	8.66	9.01	8.50	8.44	10.20	8.42	10.63	10.50	10.88	9.31	....	....
15	8.78	....	8.84	8.84	9.64	8.92	10.77	10.56	9.46	....	....	8.61
20	....	....	8.94	9.25	9.07	9.22	10.95	10.78	9.16	....	9.66	9.05
25	....	8.14	9.20	9.76	9.01	9.75	11.01	11.01	9.56	....	9.74	9.31
Eom	....	8.24	9.43	10.07	8.73	10.10	10.91	10.76	9.70	....	....	9.70

385607077381101--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.27	8.55	8.13	9.04	8.65	9.61	....	9.98	.....	10.85	10.38	8.48
10	8.86	8.94	8.80	8.93	8.63	9.93	8.19	10.19	.....	10.86	9.58	7.82
15	9.02	8.18	8.76	8.50	8.72	10.01	8.79	10.28	.....	10.76	8.94	....
20	9.29	8.11	8.31	8.21	8.95	8.88	9.15	10.39	.....	10.79	....	8.32
25	9.13	8.03	8.33	7.82	8.87	7.74	9.60	.....	10.80	10.76	....	7.75
Eom	9.15	7.74	8.85	8.52	9.26	7.68	....	.....	10.68	10.53	....	8.32
1973												
5	8.14	7.94	8.87	....	....	8.86	10.16	10.39	....	....	10.17	10.13
10	8.68	7.98	8.27	....	8.75	9.19	10.40	10.49	....	....	10.14	9.29
15	9.26	8.43	8.57	....	9.30	9.70	10.59	10.40	h8.61	....	10.02	8.85
20	9.27	8.83	8.49	....	9.47	9.84	10.61	9.93	....	....	10.25	9.07
25	8.66	9.13	8.77	....	9.36	9.84	10.05	....	....	....	10.26	8.18
Eom	....	9.18	8.82	....	8.22	10.04	10.32	....	....	9.79	10.24	7.99

h Tape measurement.

383634077151301. Local number 5284. District of Columbia Dept. of Sanitary Engineering. Featherstone test well 1. Woodbridge. Drilled observation artesian well in sand and gravel of Early Cretaceous age, diam 10 in (25 cm), depth 186 ft (57 m), screened 156-176 ft (48-54 m). Lsd 28 ft (9 m) above msl. MP top edge of recorder shelf, 3.30 ft (1.01 m) above lsd. Highest water level 17.17 ft (5.23 m) below lsd, Apr. 28, 1973; lowest 20.05 ft (6.11 m) below lsd, June 30, 1969. Records available: 1969-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 25, 1969	19.52	Jan. 11, 1971	19.33	Apr. 30, 1971	18.96	Aug. 2, 1971	19.03
30	20.05	Feb. 17	19.41	June 3	18.66	24	19.05
Jan. 26, 1970	19.51	Mar. 8	19.30	July 2	18.92	26	19.18
Oct. 28	19.00	Apr. 1	19.07	9	18.95		

Lowest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	....	18.87	18.51	18.92	....
10	....	....	....	....	....	....	....	....	18.82	18.76	....	18.59
15	....	....	....	....	....	....	....	....	18.75	18.90	....	18.86
20	....	....	....	....	....	....	....	....	18.73	18.62	....	19.12
25	....	....	....	....	....	....	....	....	18.92	18.40	....	19.07
Eom	....	....	....	....	....	....	....	19.06	18.80	18.75	....	18.98

1972

5	18.95	19.09	18.63	18.53	18.47	18.33	18.27	18.25	18.16	18.29	18.46	18.62
10	18.93	19.27	19.07	18.63	18.32	18.45	18.15	18.34	18.27	18.48	18.53	18.23
15	18.99	18.67	18.54	18.30	18.14	18.43	18.16	18.39	18.41	18.52	18.19	18.31
20	19.11	19.05	18.48	18.42	18.13	18.40	18.26	18.22	18.52	18.63	18.17	18.72
25	18.79	18.93	18.66	18.33	18.13	17.54	18.27	18.19	18.25	18.45	18.35	17.65
Eom	18.89	18.50	18.25	19.47	18.14	17.92	18.09	18.37	18.11	18.49	18.60	17.99

1973

5	18.07	18.01	18.06	17.56	17.97	17.93	17.91	18.18	18.18	18.23	18.68	18.48
10	18.43	18.12	18.06	17.56	17.72	18.07	18.08	18.19	18.26	18.21	18.81	18.21
15	18.29	17.87	18.04	18.24	17.86	18.14	18.13	18.15	17.97	18.29	18.50	18.36
20	18.19	18.24	18.29	18.13	17.90	17.95	17.99	18.10	18.11	18.50	18.66	18.73
25	18.19	18.24	17.80	17.99	17.71	17.96	18.07	17.95	18.20	18.34	18.35	18.71
Eom	18.23	18.23	17.70	17.71	17.76	17.75	18.12	18.18	18.15	17.93	18.61	18.35

383634077151302. Local number 5285. District of Columbia Dept. of Sanitary Engineering. Featherstone test well 2. Woodbridge. Drilled observation artesian well in sand and gravel of Early Cretaceous age, diam 6 in (15 cm), depth 114 ft (35 m), screened 95-105 ft (29-32 m). Lsd 28 ft (9 m) above msl. MP top of casing, 2.20 ft (0.67 m) above lsd. Highest water level 16.79 ft (5.12 m) below lsd, June 7, 1973; lowest 18.96 ft (5.78 m) below lsd, July 1, 1969. Records available: 1969-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 1, 1969	18.96	July 2, 1971	17.95	Mar. 10, 1972	18.02	Mar. 5, 1973	16.86
Jan. 26, 1970	18.76	9	18.01	Apr. 10	17.72	Apr. 18	16.97
Oct. 28	18.69	Aug. 2	18.18	May 22	17.04	June 7	16.79
Jan. 11, 1971	18.61	24	18.24	July 18	17.19	July 18	16.99
Feb. 17	18.71	Sept. 28	18.15	Sept. 6	17.28	Aug. 20	17.10
Mar. 8	18.28	Nov. 5	18.28	Oct. 26	17.55	Sept. 26	17.31
Apr. 1	18.30	Dec. 9	17.86	Dec. 7	17.58	Nov. 2	17.40
30	18.21	23	18.46	Jan. 26, 1973	17.17	Dec. 13	18.27
June 3	17.96	Feb. 4, 1972	17.64				

## Rockingham County

382150078424001. Local number 41Q1. Virginia Dept. of Highways. McGaheysville. Drilled observation artesian well in Conococheague Limestone of Late Cambrian age, diam 6 in (16 cm), depth 310 ft (94 m), cased to 131 ft (40 m), open hole 131-310 ft (40-94 m). Lsd 1,105 ft (337 m) above msl. MP top edge of recorder shelf, 3.50 ft (1.07 m) above lsd. Highest water level 60.38 ft (18.40 m) below lsd, Dec. 26, 1972; lowest 81.70 ft (24.90 m) below lsd, Oct. 30, 31, 1970. Records available: 1970-73.

382150078424001--Continued.

Lowest water level for the day, from recorder graph, 1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	74.22	78.29	81.46	75.16
10	.....	.....	.....	.....	.....	.....	.....	.....	74.88	79.05	81.10	74.88
15	.....	.....	.....	.....	.....	.....	.....	.....	75.54	79.78	80.05	74.91
20	.....	.....	.....	.....	.....	.....	.....	72.41	76.20	80.50	78.94	74.83
25	.....	.....	.....	.....	.....	.....	.....	72.90	76.88	81.12	77.44	74.16
Eom	.....	.....	.....	.....	.....	.....	.....	73.58	77.58	81.70	75.88	72.66
1971												
5	71.76	69.15	66.85	67.37	67.82	64.67	65.99	67.53	68.32	68.76	65.42	66.56
10	70.75	68.97	66.72	67.40	68.04	65.25	66.25	67.00	68.69	68.13	65.61	66.46
15	70.07	68.14	66.78	67.38	68.14	65.42	66.45	67.15	69.10	67.70	65.87	66.49
20	69.51	67.73	66.90	67.40	67.94	65.09	66.76	67.37	69.44	67.66	66.03	66.57
25	69.32	67.21	67.11	67.51	67.06	65.40	67.06	67.71	69.64	66.45	66.36	66.75
Eom	69.14	67.09	67.23	67.68	65.50	65.73	67.48	68.00	69.96	65.17	66.43	66.93
1972												
5	67.07	67.61	64.77	66.12	65.98	66.29	62.11	64.24	66.06	68.14	64.60	62.66
10	67.14	67.54	65.21	66.29	65.65	66.59	62.53	64.47	66.38	63.12	64.30	62.19
15	67.35	66.40	65.44	66.42	65.85	66.86	62.94	64.80	66.68	63.37	63.27	61.96
20	67.39	66.13	65.67	65.95	65.92	67.05	63.38	65.08	67.15	64.00	62.55	61.76
25	67.55	65.85	65.75	66.41	65.90	61.78	63.81	65.67	67.48	64.35	62.27	60.52
Eom	67.60	64.56	65.93	66.53	66.05	61.45	64.03	65.78	67.80	64.49	62.27	61.05
1973												
5	61.45	62.44	63.95	63.95	63.92	64.77	66.08	67.58	67.70	69.26	70.24	69.68
10	61.90	62.60	63.95	63.71	64.19	65.01	66.31	67.78	67.93	69.55	69.00	69.15
15	62.37	62.82	64.04	63.90	64.43	65.25	66.56	67.62	68.17	69.88	69.58	68.59
20	62.74	63.25	63.47	64.10	64.60	65.51	66.80	67.45	68.42	70.24	69.45	68.50
25	62.94	63.55	63.70	64.22	64.85	65.61	67.02	67.25	68.72	70.38	69.48	66.44
Eom	63.12	63.72	63.88	63.69	64.53	65.83	67.30	67.47	69.02	70.46	69.63	64.52

## Southampton County

363457077114901. Local number 53A2. Town of Boykins. Near elementary school at Bryant Ave. and Elizabeth St. Drilled unused artesian well in sand of Early Cretaceous age, diam 8 in (20 cm), depth 270 ft (82 m), screen depth unknown. Lsd 38 ft (12 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 46.88 ft (14.29 m) below lsd, Mar. 10, 1969; lowest 63.75 ft (19.43 m) below lsd, Aug. 1, 1973. Records available: 1968-73. Well destroyed; measurement discontinued Aug. 7, 1973. Water levels affected by local pumpage.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.73	48.81
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.47	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.77	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.45	48.90	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.87	48.76	.....
Eom	.....	.....	.....	.....	.....	.....	h48.62	.....	.....	48.83	48.83	.....
1969												
5	49.91	49.57	47.98	49.54	50.94	51.86	50.38	.....	51.44	51.50	51.20	52.24
10	50.10	49.51	48.59	49.70	51.70	51.97	51.18	49.95	51.45	51.75	50.96	51.67
15	50.17	.....	49.83	50.27	.....	52.08	51.00	51.25	61.43	51.66	51.22	51.49
20	49.24	.....	49.67	50.80	51.15	.....	51.08	51.20	52.09	51.35	51.60	51.85
25	50.07	.....	49.18	50.39	51.75	51.50	50.80	51.00	51.89	51.66	51.62	51.78
Eom	49.99	49.84	49.30	50.55	51.20	50.80	50.71	50.95	51.54	51.43	51.82	51.66
1970												
5	51.69	.....	61.37	51.30	51.50	53.05	.....	53.18	.....	.....	h53.82	.....
10	52.37	.....	51.22	51.51	51.53	52.75	52.78	52.45	.....	.....	.....	.....
15	52.12	.....	51.35	51.22	51.93	53.37	52.83	53.09	.....	.....	.....	55.23
20	.....	.....	51.42	51.28	52.01	54.10	52.82	.....	.....	.....	.....	h54.60
25	.....	.....	51.34	51.67	52.08	.....	52.56	.....	h53.80	.....	.....	.....
Eom	.....	.....	51.18	52.05	51.85	.....	53.01	.....	.....	.....	.....	.....
1971												
5	.....	.....	.....	55.10	.....	h56.29	55.44	57.12	57.13	56.92	57.13	57.60
10	.....	.....	54.90	55.38	.....	.....	55.80	57.00	57.47	57.12	57.03	57.71
15	.....	.....	54.67	55.30	.....	.....	56.30	57.20	57.16	57.30	57.07	57.35
20	.....	.....	54.99	55.30	.....	.....	56.31	57.16	57.14	57.17	57.21	57.19
25	.....	.....	55.24	55.30	.....	.....	56.59	56.79	57.27	57.05	57.40	56.90
Eom	h54.55	.....	55.15	.....	.....	55.39	57.24	56.68	57.17	57.12	57.57	57.25
1972												
5	57.12	57.96	58.20	57.50	57.85	57.97	58.71	58.84	.....	60.68	60.23	59.62
10	57.15	58.55	58.33	57.79	57.64	57.83	59.03	60.19	60.03	60.75	59.73	59.65
15	57.35	57.40	57.74	57.73	57.67	58.90	58.22	.....	60.93	59.79	59.75	59.90
20	57.61	57.45	57.30	57.90	57.89	58.22	58.65	.....	60.79	60.15	59.10	60.16
25	57.60	58.07	57.68	57.62	57.88	58.35	58.79	.....	60.67	60.69	59.68	59.25
Eom	57.62	58.06	57.50	57.73	57.85	58.70	58.80	.....	60.28	61.14	59.75	59.20
1973												
5	59.64	59.33	59.96	60.13	60.55	61.41	60.54	63.10	.....	.....	.....	.....
10	60.40	59.76	60.25	59.80	60.75	61.36	61.07	.....	.....	.....	.....	.....
15	60.40	59.88	60.03	59.74	60.68	62.46	61.50	.....	.....	.....	.....	.....
20	60.68	60.35	59.77	60.42	60.45	61.82	62.50	.....	.....	.....	.....	.....
25	60.14	60.25	59.64	60.23	60.74	61.78	.....	.....	.....	.....	.....	.....
Eom	60.35	60.42	59.65	60.39	60.56	61.31	63.25	.....	.....	.....	.....	.....

h Tape measurement.

364706077072301. Local number 54C1. Norfolk and Western Railway. Sebrell. Drilled unused artesian well in sand and gravel of pre-Miocene age, diam 10 in (25 cm), depth 344 ft (105 m), screen depth unknown. Lsd 58.4 ft (17.8 m) above msl. MP top of casing, at lsd. Highest water level 15.00 ft (4.57 m) below lsd, 1907; lowest 89.82 ft (27.38 m) below lsd, Dec. 10, 1973. Records available: 1907, 1938, 1940-46, 1948-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1969	76.86	Dec. 4, 1969	79.62	Apr. 19, 1971	83.49	Oct. 16, 1972	86.09
Feb. 17	76.84	Jan. 22, 1970	79.59	June 2	83.69	Nov. 28	86.63
Mar. 31	77.05	Mar. 3	79.61	July 12	84.14	Jan. 9, 1973	86.82
Apr. 1	77.05	Apr. 9	79.27	Aug. 26	84.49	Feb. 20	86.55
30	77.19	May 18	79.72	Oct. 4	84.53	Apr. 2	86.47
May 7	77.32	July 8	80.39	Nov. 15	84.79	May 14	87.39
27	77.32	Aug. 11	80.96	Dec. 20	84.80	June 13	87.75
June 16	77.58	Sept. 22	82.14	Feb. 7, 1972	84.57	25	87.78
July 28	77.92	Nov. 4	82.82	Mar. 20	85.00	Aug. 7	88.39
Aug. 27	78.14	Dec. 14	83.44	May 1	85.54	Oct. 3	89.01
Sept. 10	78.34	30	81.44	June 12	86.00	Nov. 1	89.42
25	78.32	Jan. 25, 1971	83.34	July 19	85.99	26	89.80
Oct. 20	78.70	Mar. 8	83.05	Sept. 5	86.34	Dec. 10	89.82

### Surry County

370408076460101. Local number 56E1. Buster Cox. On State Highway 617, 3.2 mi (5.1 km) southwest of Bacons Castle. Drilled unused artesian well in sand of Early Cretaceous age, diam 18 in (46 cm), depth 705 ft (215 m), six screened intervals from 401-705 ft (122-215 m). Lsd 93 ft (28 m) above msl. MP top edge of recorder shelf, 3.60 ft (1.10 m) above lsd. Highest water level 73.52 ft (22.41 m) below lsd, Mar. 10, 1942; lowest 132.11 ft (40.27 m) below lsd, Nov. 20, 30, 1973. Records available: 1942, 1969-73. Water level Mar. 10, 1942 was 73.52 ft below lsd.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	117.41	117.71	117.72	118.11
10	.....	.....	.....	.....	.....	.....	.....	116.76	117.50	117.74	117.75	118.10
15	.....	.....	.....	.....	.....	.....	.....	116.77	117.62	117.77	117.80	117.94
20	.....	.....	.....	.....	.....	.....	.....	116.78	117.68	117.83	117.87	118.10
25	.....	.....	.....	.....	.....	.....	.....	117.04	117.53	117.91	117.96	118.14
Eom	.....	.....	.....	.....	.....	.....	.....	117.30	117.65	117.91	117.90	118.19
1970												
5	118.15	118.27	118.25	118.40	118.55	119.05	119.45	120.46	120.86	121.45	121.68	121.98
10	118.19	118.13	118.31	118.38	118.65	119.16	119.63	120.35	121.05	121.51	121.77	122.08
15	118.16	118.25	118.31	118.45	118.80	119.35	119.75	120.48	121.17	121.55	121.65	122.15
20	118.16	118.27	118.39	118.44	118.81	119.43	119.91	120.57	121.28	121.65	121.74	122.06
25	118.18	118.21	118.36	118.50	118.88	119.41	119.90	120.64	121.38	121.59	121.89	122.01
Eom	118.21	118.40	118.39	118.56	119.03	119.51	120.06	120.80	121.65	121.65	121.94	122.11
1971												
5	122.11	122.36	122.48	122.82	123.15	123.32	124.03	124.63	125.18	125.38	.....	125.71
10	122.13	122.40	122.65	122.90	123.23	123.45	124.15	124.75	125.24	125.38	.....	125.63
15	122.15	122.38	122.70	122.95	123.25	123.50	124.11	124.90	125.23	125.51	125.60	125.65
20	122.25	122.45	122.64	122.99	123.22	123.59	124.26	124.84	125.41	.....	125.52	125.70
25	122.25	122.50	122.90	122.99	123.28	123.66	124.40	125.03	125.53	.....	125.60	125.75
Eom	122.32	122.49	122.80	123.10	123.20	123.85	124.55	125.03	125.56	.....	125.59	125.78
1972												
5	125.69	125.74	125.78	125.93	126.06	126.31	126.83	127.34	128.04	128.36	128.51	128.54
10	125.62	125.82	125.94	125.96	126.10	126.41	126.99	127.54	128.18	128.37	128.42	128.53
15	125.75	125.69	125.86	125.92	125.02	125.50	125.88	127.65	128.22	128.34	128.43	128.54
20	125.72	125.73	125.90	125.99	126.08	126.58	127.05	127.75	128.42	128.47	128.37	128.52
25	125.79	125.73	125.84	125.96	126.16	126.55	127.18	127.86	128.29	128.37	128.42	128.53
Eom	125.79	125.73	125.88	125.07	126.15	126.59	127.29	128.02	128.16	128.48	128.51	128.54
1973												
5	128.48	.....	128.66	128.63	128.92	129.28	129.72	130.57	131.29	131.59	131.89	132.09
10	128.52	.....	128.66	128.62	129.05	129.40	.....	130.73	131.42	131.68	132.02	.....
15	.....	.....	128.64	128.86	129.10	129.53	130.07	130.77	131.42	131.71	.....	.....
20	.....	128.58	128.72	128.93	129.11	129.66	.....	130.88	131.52	131.80	132.11	132.04
25	.....	128.69	128.75	128.87	129.09	129.63	130.39	130.97	131.66	131.83	132.04	132.07
Eom	.....	128.71	128.68	128.89	129.16	129.68	130.54	131.18	131.67	131.72	132.11	132.06

# WEST VIRGINIA

The observation-well program was continued during the period 1969 through 1973 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

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

Observation wells in West Virginia are assigned local 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. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

### Berkeley County

392725077582401. Local number 20-5-7. Martinsburg Mills, Inc. Plant grounds, Martinsburg. Drilled unused artesian(?) well in the Beekmantown Group of Early Ordovician age, diam 8 in (20 cm), depth 250 ft (76 m), cased to 10 ft (3 m). Lsd about 445 ft (136 m) above msl. MP top edge of recorder-shelter base, 3.30 ft (1.01 m) above lsd. Highest water level e23.00 ft (7.01 m) below lsd, June 24, 1972; lowest 68.45 ft (20.86 m) below lsd, Dec. 7, 1969. Records available: 1956-73.

#### Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	55.94	55.69	55.97	56.12	56.81	57.52	60.78	55.57	57.80	59.91	62.02	67.67
10	56.02	55.67	55.99	56.15	56.15	58.18	60.60	56.38	58.18	61.24	62.64	66.97
15	56.07	55.92	56.11	56.23	56.62	55.79	60.79	57.23	59.22	61.75	63.43	63.64
20	56.33	56.00	56.27	56.19	56.79	57.62	61.94	53.45	59.97	62.89	63.05	66.35
25	56.05	55.98	55.82	56.02	57.41	58.77	58.61	56.28	60.55	63.37	63.78	66.66
Eom	55.85	56.06	56.02	56.31	58.11	60.02	56.63	57.50	60.45	63.61	64.71	59.45

1970

5	60.20	59.25	55.75	42.95	33.77	.....	.....	.....	.....	.....	.....	.....
10	62.27	55.56	55.76	42.66	.....	.....	.....	.....	.....	.....	.....	.....
15	63.06	54.51	55.58	37.00	.....	.....	.....	.....	.....	.....	.....	.....
20	62.92	55.26	54.15	35.76	.....	.....	.....	40.54	.....	.....	.....	.....
25	63.85	55.79	49.29	32.78	.....	36.80	36.98	40.60	.....	.....	.....	.....
Eom	60.70	56.06	47.35	32.97	.....	36.41	33.89	.....	.....	.....	.....	.....

#### Average daily water level, from digital tape, 1970

5	.....	.....	.....	.....	.....	.....	.....	.....	41.40	47.97	46.95	47.73
10	.....	.....	.....	.....	.....	.....	.....	.....	41.86	49.25	48.91	48.72
15	.....	.....	.....	.....	.....	.....	.....	.....	42.86	50.21	42.77	49.30
20	.....	.....	.....	.....	.....	.....	.....	.....	44.01	51.33	44.30	47.89
25	.....	.....	.....	.....	.....	.....	.....	.....	45.37	49.97	45.48	42.47
Eom	.....	.....	.....	.....	.....	.....	.....	.....	46.57	49.25	46.72	44.04

1971

5	41.12	42.60	36.19	40.03	43.60	33.49	38.85	34.33	41.70	42.00	39.99	40.52
10	40.86	41.42	36.18	39.92	41.62	33.28	39.88	37.62	42.93	42.25	41.14	39.96
15	41.34	37.69	37.17	40.68	38.46	34.23	40.76	36.74	41.83	42.83	42.20	40.80
20	42.06	38.67	37.72	41.45	37.91	35.33	41.40	38.89	41.93	43.93	43.09	41.75
25	42.25	36.09	38.63	42.27	38.01	36.58	41.60	40.20	39.55	40.66	43.82	42.67
Eom	42.19	36.27	39.56	43.06	34.04	37.70	41.10	41.27	40.91	39.12	39.86	43.51

1972

5	42.05	40.17	32.88	35.89	31.50	33.82	.....	.....	.....	.....	47.69	43.84
10	41.61	40.34	34.29	36.08	31.42	35.04	.....	.....	.....	.....	46.42	37.19
15	41.39	35.03	33.18	33.64	32.69	35.93	.....	.....	.....	44.61	44.53	37.75
20	41.57	35.67	33.29	33.23	31.71	36.64	.....	.....	.....	45.28	43.60	37.76
25	41.74	34.77	34.05	32.57	32.55	e25.20	27.16	.....	.....	46.38	44.77	35.00
Eom	42.13	31.89	35.25	34.10	33.55	.....	.....	.....	.....	47.09	43.10	36.87



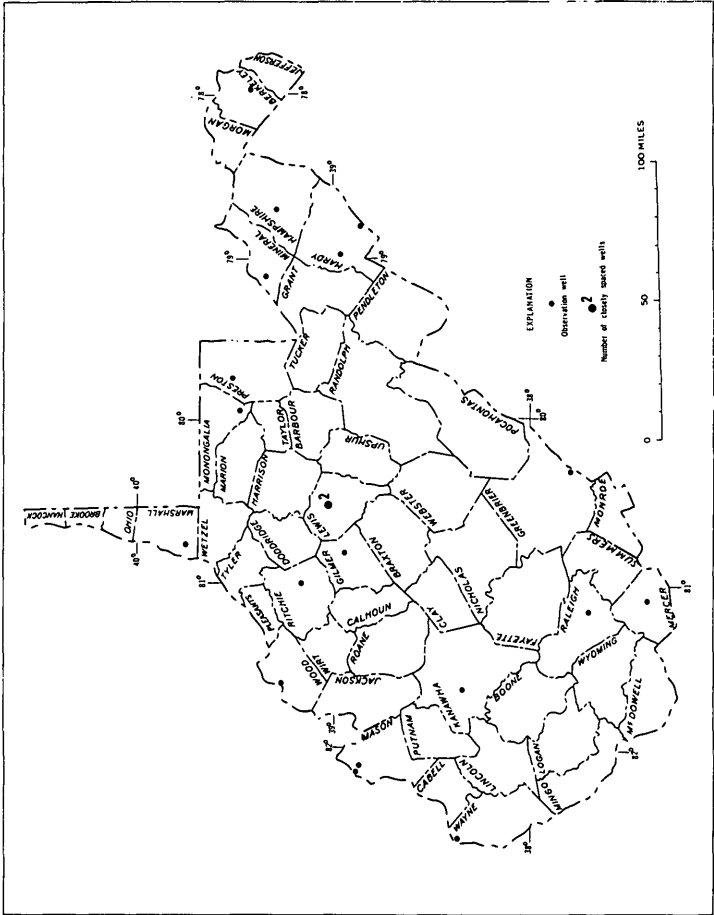


Figure 12.--Location of observation wells in West Virginia, 1969-73.

392725077582401--Continued.

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	36.26	33.28	36.20	33.75	33.01	34.00	38.86	41.45	42.45	45.35	40.81	47.12
10	36.75	33.15	35.65	31.89	33.98	34.98	39.64	42.03	43.18	46.30	42.52	45.91
15	37.45	33.73	36.03	32.93	35.17	36.20	39.88	39.98	40.54	47.40	43.73	46.62
20	38.18	34.60	36.34	33.51	35.69	37.11	39.89	40.11	42.27	48.42	44.85	47.25
25	38.09	35.49	36.96	34.04	35.57	37.69	40.10	40.28	43.84	49.50	45.76	43.66
Eom	35.61	35.92	37.11	31.12	33.51	37.91	40.97	41.69	44.98	38.11	46.38	38.74

e Estimated.

Gilmer County

385604080495901. Local number 33-3-1. Olenville State College. Olenville. Dug unused water-table(?) well in upper part of Conemaugh Formation of Late Pennsylvanian age; diam 3 ft (1 m), previously reported 36 in (91 cm); depth 25 ft (8 m); cased to 10 ft (3 m). Lsd about 820 ft (250 m) above msl. MP top of concrete cover, at lsd. Highest water level 13.58 ft (4.14 m) below lsd, Jan. 26, 1958; lowest 18.75 ft (5.72 m) below lsd, Nov. 30, 1953. Records available: 1953-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	17.46	Apr. 13, 1970	16.06	July 6, 1971	17.30	Oct. 2, 1972	17.70
13	17.53	20	16.37	12	17.20	9	17.66
20	17.68	27	15.14	19	17.07	16	17.66
27	17.33	May 4	15.98	23	16.10	23	17.61
Feb. 3	16.07	11	16.48	26	16.35	30	17.56
10	16.01	18	16.85	30	16.26	Nov. 6	17.37
17	16.40	25	17.08	Aug. 9	15.63	13	17.21
24	16.96	June 1	17.32	16	16.30	20	17.03
Mar. 3	17.41	8	17.53	23	16.73	27	16.68
10	17.60	15	17.61	30	17.27	Dec. 4	16.40
17	17.77	22	17.59	Sept. 7	17.50	11	14.89
24	17.90	29	17.67	13	17.29	18	15.57
31	17.77	July 6	17.62	20	16.58	27	15.60
Apr. 7	17.68	13	17.48	27	15.53	Jan. 2, 1973	16.05
14	17.68	20	17.39	Oct. 4	16.04	8	16.27
21	17.56	27	17.44	12	16.68	15	16.70
28	17.21	Aug. 3	17.35	18	17.12	22	16.91
May 5	17.24	10	17.39	25	17.36	29	16.82
12	17.10	17	17.38	Nov. 1	17.31	Feb. 5	15.98
19	17.20	24	16.88	8	16.99	12	15.70
26	17.40	31	17.07	15	17.20	21	15.77
June 2	17.63	Sept. 7	16.76	22	17.30	26	16.17
9	17.82	14	16.68	29	17.16	Mar. 5	16.52
16	17.82	21	16.68	Dec. 6	16.67	12	16.50
23	17.83	28	16.50	13	16.48	21	15.66
30	17.91	Oct. 5	16.81	21	16.81	26	16.12
July 7	17.98	12	16.88	27	17.02	Apr. 2	16.37
14	17.90	20	17.02	Jan. 3, 1972	17.12	9	16.51
21	17.93	26	16.74	10	15.89	16	15.49
28	17.78	Nov. 2	15.95	20	15.86	23	16.01
Aug. 4	17.57	9	15.74	24	15.58	30	14.95
11	17.40	16	16.22	31	15.52	7	15.80
18	17.33	23	16.55	Feb. 7	15.66	May 14	15.85
25	17.29	30	16.81	14	15.20	21	16.29
Sept. 2	17.39	Dec. 7	16.95	21	15.40	28	16.60
8	17.40	14	16.92	28	15.17	June 4	16.90
15	17.54	21	16.91	Mar. 6	15.28	11	17.22
22	17.58	29	15.90	13	15.85	18	17.27
29	17.65	Jan. 5, 1971	15.00	20	16.00	25	17.39
Oct. 6	17.70	11	15.59	27	15.81	July 2	17.34
13	17.74	18	15.63	Apr. 3	16.02	9	17.31
20	17.84	22	15.96	10	15.07	16	16.98
27	17.96	25	16.17	17	14.60	23	17.04
Nov. 3	17.96	Feb. 1	16.36	24	14.91	30	17.06
10	17.93	8	15.99	May 1	15.73	Aug. 6	17.02
17	17.90	15	15.33	8	16.09	13	17.14
21	17.84	22	15.46	15	16.09	20	17.10
Dec. 1	17.70	Mar. 1	15.79	22	16.09	27	17.09
8	17.73	8	15.30	30	16.65	Sept. 4	17.30
15	17.46	15	15.83	June 5	17.04	10	17.46
22	17.19	22	16.06	12	17.21	17	17.53
29	17.12	29	16.12	20	17.30	24	17.50
Jan. 5, 1970	17.68	Apr. 5	16.45	26	16.81	Oct. 1	17.52
12	16.36	12	16.70	July 3	16.35	8	17.46
19	16.64	19	16.89	10	16.29	15	17.53
26	16.94	23	17.00	17	16.62	22	17.70
Feb. 2	16.57	26	17.10	24	16.98	29	17.74
9	16.27	May 3	17.28	31	17.29	Nov. 5	17.41
16	15.27	10	16.07	Aug. 7	17.09	12	17.27
23	15.97	17	15.66	14	17.16	19	17.19
Mar. 2	16.53	24	16.05	21	16.89	26	17.21
9	16.55	June 1	16.60	28	16.91	Dec. 3	16.45
16	16.23	7	16.48	Sept. 4	17.27	10	16.73
23	16.25	14	16.77	11	17.47	17	16.69
30	16.38	21	17.13	18	17.59	21	16.72
Apr. 6	15.32	28	17.41	25	17.69	31	16.10

Greenbrier County

374804080174001. Local number 45-8-2. U.S. Fish & Wildlife Service. Fish Culture Station, White Sulphur Springs. Drilled unused artesian(?) well in Marcellus Shale and Hamilton Formation of Middle Devonian age, diam 6 in (15 cm), depth 61 ft (19 m), cased to 21 ft (6 m). Lsd about 1,875 ft (572 m) above msl. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 2.80 ft (0.85 m) below lsd, Mar. 16, 1955; lowest 7.77 ft (2.37 m) below lsd, Sept. 28, Oct. 5, 1968. Records available: 1953-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1969	6.39	Apr. 4, 1970	4.68	June 26, 1971	5.25	Oct. 14, 1972	5.48
12	5.98	15	4.83	July 3	5.42	21	5.35
18	6.72	18	4.77	10	5.73	28	5.61
25	5.14	25	4.85	17	5.48	Nov. 4	5.24
Feb. 1	5.06	May 2	4.75	24	5.50	11	5.28
8	5.25	9	4.93	31	4.65	18	5.38
15	5.18	16	4.93	Aug. 7	4.95	25	5.42
22	5.52	23	4.77	14	5.40	Dec. 2	5.46
Mar. 1	5.52	30	4.93	21	5.50	9	4.67
8	5.35	June 6	5.10	28	5.62	16	5.14
15	5.33	13	4.89	Sept. 4	5.65	23	4.90
22	5.10	20	5.02	11	5.74	30	5.54
29	5.35	27	5.14	18	5.41	Jan. 6, 1973	5.46
Apr. 5	5.35	July 4	5.10	25	5.48	13	5.66
12	5.35	11	4.79	Oct. 2	5.50	20	5.70
19	5.27	18	5.35	9	5.62	27	5.57
26	5.27	25	5.31	16	5.68	Feb. 3	5.01
May 3	5.35	Aug. 1	4.93	23	5.60	10	5.38
10	5.35	8	5.31	30	4.88	17	5.74
17	5.27	15	4.93	Nov. 6	4.68	24	5.85
24	5.43	22	5.27	13	5.44	Mar. 3	5.67
31	5.69	29	5.37	20	5.57	10	5.42
June 7	5.77	Sept. 5	5.50	27	5.43	17	5.73
14	5.47	12	5.52	Dec. 4	5.64	24	5.24
22	5.72	19	5.58	11	4.88	31	5.28
28	5.77	26	5.52	14	5.00	Apr. 7	4.59
July 5	5.85	Oct. 3	5.60	25	5.00	14	5.30
12	5.64	10	5.80	Jan. 29, 1972	4.60	21	5.18
19	5.93	17	5.80	Feb. 5	4.77	28	4.75
26	5.18	24	5.57	12	5.05	May 5	5.36
Aug. 2	5.85	31	4.50	19	4.90	12	5.60
9	5.79	Nov. 7	4.20	26	3.11	19	5.32
16	5.77	14	5.00	Mar. 4	4.76	26	4.82
23	5.70	21	4.73	11	5.10	June 2	5.22
30	5.06	28	5.22	18	5.06	9	5.26
Sept. 6	5.06	Dec. 5	5.38	25	4.77	16	5.58
13	4.95	12	5.18	Apr. 1	4.70	23	5.39
20	4.97	19	4.73	8	4.55	30	5.65
27	5.20	26	4.46	15	4.60	July 7	5.90
Oct. 4	5.29	Jan. 2, 1971	4.86	22	4.48	14	5.70
11	5.29	9	4.68	29	5.00	21	5.38
18	5.33	16	4.48	May 6	4.65	28	5.80
25	5.39	23	4.84	13	4.79	Aug. 4	5.56
Nov. 8	4.97	30	4.49	20	4.74	11	5.85
15	5.27	Feb. 6	4.37	27	4.84	18	5.90
22	5.25	13	4.54	June 3	4.28	25	5.93
29	5.25	20	4.51	10	4.98	Sept. 1	5.97
Dec. 6	5.39	27	4.94	17	4.61	8	5.50
13	4.72	Mar. 6	4.75	24	4.65	15	5.48
20	5.06	13	4.98	July 1	4.82	22	5.56
27	4.89	20	5.04	8	4.72	29	6.03
Jan. 3, 1970	4.52	27	5.10	15	4.80	Oct. 6	5.38
10	4.81	Apr. 3	5.10	22	5.58	13	5.83
17	5.22	10	4.50	29	4.15	20	5.90
24	4.93	17	5.10	Aug. 5	5.05	27	6.00
31	4.47	24	5.70	12	5.33	Nov. 3	5.10
Feb. 7	4.85	May 1	6.00	19	5.24	10	5.22
14	4.93	8	4.62	26	5.64	17	5.30
21	4.52	15	4.80	Sept. 2	5.80	24	5.30
28	4.97	22	5.01	9	5.92	Dec. 1	5.10
Mar. 7	5.02	29	4.90	16	5.98	8	5.13
14	5.00	June 5	4.67	23	6.10	15	4.94
21	4.85	12	4.86	30	5.66	22	4.80
27	4.95	19	5.05	Oct. 7	4.60	29	4.97

Hampshire County

391900078413001. Local number 23-6-1. State Road Commission. Shanks Roadside Park near Romney. Drilled public-supply water-table well in sandstone and shale of the Hampshire Formation (previously reported Catskill Formation) of Late Devonian age, diam 6 in (15 cm), depth 51 ft (16 m), cased. Lsd about 1,150 ft (351 m) above msl. MP edge of hole in pumpbase, at lsd. Highest water level 3.52 ft (1.07 m) below lsd, May 31, 1968; lowest 14.53 ft (4.43 m) below lsd, Sept. 3, 1957. Records available: 1955-59, 1966-73. Measurement discontinued Jan. 26, 1973.

391900078413001--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1969	9.32	May 19, 1969	9.44	Oct. 6, 1969	10.26	Apr. 22, 1971	9.13
10	9.36	26	9.66	13	10.29	May 18	5.71
17	9.56	June 2	9.69	20	10.29	June 21	9.91
20	9.62	9	9.68	Nov. 19	9.48	Aug. 24	10.00
27	7.37	16	9.63	Dec. 19	9.66	Sept. 21	9.47
Feb. 3	8.76	23	9.88	Jan. 20, 1970	8.03	Oct. 19	10.00
10	9.37	30	9.88	Feb. 19	8.20	Nov. 23	9.88
17	9.44	July 7	10.69	Mar. 27	6.77	Dec. 21	9.47
24	9.33	14	10.08	Apr. 24	3.76	Jan. 18, 1972	8.67
Mar. 3	9.19	21	9.88	May 26	9.60	Feb. 29	4.93
10	8.66	28	8.35	June	9.50	Mar. 21	6.86
17	9.18	Aug. 4	8.59	July 21	9.05	Apr. 20	6.79
24	9.14	11	8.66	Aug. 24	9.94	May 23	6.11
31	8.54	18	8.88	Sept. 24	10.30	June 2	9.23
Apr. 7	8.22	25	9.06	Oct. 23	10.08	Aug. 2	10.37
14	8.88	Sept. 1	9.17	Nov. 24	9.86	Oct. 9	10.40
21	8.68	8	9.77	Dec. 21	9.34	Nov. 15	6.79
28	8.86	15	10.29	Jan. 22, 1971	7.90	Dec. 26	5.94
May 5	9.14	22	10.18	Feb. 24	4.11	Jan. 26, 1973	9.59
12	9.32	29	10.28	Mar. 23	8.24		

## Hardy County

390308079001201. Local number 25-3-9. Village of Fisher. Well is located behind John Deere Store of K. L. Keller near barn. Drilled unused artesian well in Marcellus(?) Shale of Middle Devonian age (previously reported Mahantango Formation of Devonian age), diam 6 in (15 cm), depth 200+ ft (61 m), cased. Lsd about 825 ft (251 m) above msl. MP top of casing, about 1.50 ft (0.46 m) above lsd. Highest water level 10.87 ft (3.31 m) below lsd, Feb. 23, 1971; lowest 17.21 ft (5.25 m) below lsd, Dec. 5, 1969. Records available: 1966-71. Well destroyed; measurement discontinued July 20, 1971.

## Water level at noon, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.37	16.05	16.21	16.56	16.44	16.75	16.94	16.09	16.40	16.71	16.91	17.21
10	16.38	15.98	16.15	16.47	16.40	16.74	16.82	15.92	16.44	16.68	16.93	16.98
15	16.56	15.94	16.14	16.29	16.56	16.65	16.80	15.90	16.60	16.82	17.05	16.71
20	16.39	15.98	16.17	16.23	16.52	16.70	16.65	15.85	16.75	16.82	17.02	16.78
25	16.35	15.94	16.64	16.22	16.62	16.82	16.50	16.05	16.57	16.96	17.05	16.82
Eom	16.24	16.07	16.42	16.49	16.72	16.92	16.28	16.32	16.65	16.94	17.01	16.25

1970

5	16.00	15.73	.....	13.36	13.09	.....	15.30	15.70	16.13	16.43	.....	15.63
10	15.95	15.37	.....	13.23	13.51	.....	15.21	15.73	16.20	16.45	.....	15.91
15	16.00	15.38	.....	13.39	13.93	.....	15.34	15.90	16.24	16.38	15.38	16.03
20	15.70	15.51	14.99	13.74	14.21	14.84	15.43	15.89	16.23	16.53	15.17	15.96
25	15.75	.....	14.71	14.48	14.36	14.90	15.55	16.00	16.35	16.35	15.54	14.39
Eom	15.57	.....	14.13	14.20	.....	15.13	15.53	16.11	16.22	.....	15.61	14.60

1971

5	14.05	12.86	11.99	13.67	14.26	13.67	.....	.....	.....	.....	.....	.....
10	13.80	13.24	11.66	13.55	14.50	.....	.....	.....	.....	.....	.....	.....
15	14.03	12.40	11.70	13.57	14.50	.....	14.71	.....	.....	.....	.....	.....
20	13.81	11.88	12.10	13.56	14.37	.....	.....	.....	.....	.....	.....	.....
25	12.93	11.52	12.96	13.83	13.92	.....	.....	.....	.....	.....	.....	.....
Eom	12.84	11.69	13.29	14.13	13.50	.....	.....	.....	.....	.....	.....	.....

385714078441301. Local number 25-4-5. U.S. Forest Service. Trout Pond Recreation Area. Drilled unused water-table well in the Helderberg Group of Early Devonian age and the Tonoloway Limestone of Late Silurian age, diam 6 in (15 cm), depth 460 ft (140 m), cased. Lsd about 1,920 ft (585 m) above msl. MP top of well casing, 0.90 ft (0.27 m) above lsd. Highest water level e263.00 ft (80.16 m) below lsd, July 15, 1972; lowest 274.15 ft (83.56 m) below lsd, Nov. 6, 1970. Records available: 1968-73.

## Water level at noon, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	270.53	e270.23	269.83	270.37	270.84	270.80	e271.61	272.04
10	.....	.....	.....	.....	270.59	e269.60	269.85	270.38	270.85	270.76	271.76	272.21
15	.....	.....	272.26	270.51	270.64	269.74	269.95	270.57	270.99	270.71	271.89	272.20
20	.....	.....	272.27	270.56	270.56	269.75	269.75	270.63	270.73	270.73	271.92	272.22
25	.....	.....	272.28	270.54	270.44	269.75	270.13	270.64	271.07	270.64	271.94	272.31
Eom	.....	.....	.....	270.68	270.74	269.83	270.25	270.74	270.89	270.43	272.09	272.47

1969

5	272.47	272.12	272.52	272.66	.....	272.09	272.56	.....	273.07	273.18	273.07	.....
10	272.35	271.92	272.72	272.57	.....	272.00	.....	.....	273.07	273.16	273.12	.....
15	272.30	271.82	272.73	272.60	.....	271.98	.....	.....	273.05	273.17	273.25	.....
20	272.28	272.01	272.83	272.36	.....	271.87	.....	273.02	273.05	273.27	273.25	.....
25	272.20	272.21	272.81	.....	.....	272.64	272.90	273.05	273.05	273.36	e273.25	.....
Eom	272.15	272.33	272.66	.....	272.22	272.61	272.80	273.07	273.09	273.13	273.24	.....

1970

5	.....	273.08	272.23	.....	.....	272.68	273.55	273.56	273.62	.....	273.98	274.12
10	.....	.....	272.24	.....	.....	.....	.....	.....	.....	.....	.....	273.92
15	.....	.....	272.35	.....	271.87	.....	.....	.....	.....	273.90	.....	273.86
20	273.10	.....	272.51	.....	272.07	.....	.....	.....	.....	273.96	.....	273.85
25	.....	272.00	.....	e271.62	272.22	.....	.....	.....	273.69	273.96	.....	.....
Eom	.....	272.26	.....	271.71	272.62	.....	.....	273.63	273.84	273.98	.....	.....

385714078441301--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	272.55	271.58	271.45	271.34	270.89	271.65	271.95	270.99	271.60	271.34	271.21
10	.....	272.59	271.21	271.67	271.60	271.00	271.79	271.48	271.09	271.48	271.10	270.96
15	.....	.....	.....	271.45	271.70	271.05	271.83	271.19	271.23	271.75	270.97	270.73
20	e 272.74	.....	.....	271.15	271.49	271.16	272.03	270.94	.....	271.75	270.96	270.57
25	272.40	271.86	271.34	271.23	271.10	271.40	272.05	270.91	.....	271.70	271.07	270.68
Eom	272.40	271.71	271.32	271.25	271.01	271.55	272.20	270.96	271.50	271.49	271.21	270.85
1972												
5	270.75	271.23	269.76	.....	268.04	266.53	.....	.....	272.42	272.99	273.29	272.32
10	270.75	271.17	269.68	.....	267.76	266.49	.....	.....	272.60	273.30	273.16	272.03
15	271.06	270.95	269.39	269.06	267.20	266.50	e 263.00	.....	272.59	273.14	273.12	271.54
20	270.78	271.09	.....	268.59	267.04	266.57	.....	.....	272.72	273.20	272.80	271.50
25	271.07	270.71	269.30	268.50	266.70	.....	.....	.....	272.76	273.07	272.74	271.43
Eom	271.02	270.35	.....	268.20	266.45	.....	.....	.....	272.73	273.23	272.74	271.13
1973												
5	271.15	270.82	270.54	270.50	269.24	269.61	.....	.....	.....	.....	.....	270.80
10	271.09	270.73	270.60	269.98	269.60	269.65	.....	.....	.....	.....	270.75	270.66
15	270.98	270.36	270.59	269.89	269.68	.....	269.30	.....	.....	.....	270.45	270.87
20	270.89	270.46	270.55	269.62	269.80	.....	.....	.....	.....	.....	270.67	271.03
25	270.90	270.65	270.38	269.49	269.59	.....	.....	.....	.....	.....	270.55	271.03
Eom	270.90	270.54	270.50	269.25	269.54	.....	.....	.....	.....	.....	270.64	270.10
e Estimated.												

e Estimated.

Kanawha County

382055081375301. Local number 40-5-14. Coyle & Richardson Department Store. Dickinson and Lee Sts., Charleston. Drilled unused artesian well in Pottsville Formation of Early and Middle Pennsylvanian age, diam 8 in (20 cm), depth 208 ft (63 m), cased to 42 ft (13 m). Lsd about 575 ft (175 m) above ms1. MP top edge of casing, 12.00 ft (3.66 m) below lsd. Highest water level 26.76 ft (8.16 m) below lsd, Mar. 20, 1963; lowest 43.44 ft (13.24 m) below lsd, Sept. 6, 1945. Records available: 1941-1973.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.36	29.27	29.39	29.19	29.32	29.52	29.61	29.67	29.57	29.68	29.64	29.77
10	29.42	29.35	29.38	29.22	29.36	29.52	29.59	29.67	29.61	29.63	29.67	29.61
15	29.45	29.19	29.47	29.31	29.40	29.52	29.62	29.62	29.58	29.67	29.72	29.60
20	29.36	29.28	29.35	29.46	29.42	29.48	29.68	29.65	29.63	29.60	29.76	29.60
25	29.42	29.28	29.30	29.32	29.40	29.62	29.59	29.45	29.58	29.69	29.69	29.57
Eom	29.37	29.27	29.40	29.36	29.40	29.58	29.65	29.57	29.59	29.70	29.60	29.21
1970												
5	28.60	29.15	28.92	28.79	28.78	29.05	29.21	29.35	29.38	29.56	29.38	29.35
10	29.13	28.96	28.85	28.75	28.85	29.08	29.20	29.33	29.42	29.56	29.35	29.44
15	29.13	28.93	28.86	28.89	28.95	29.12	29.18	29.38	29.47	29.54	29.32	29.45
20	29.10	28.88	28.85	28.79	29.01	29.16	29.17	29.35	29.47	29.55	29.20	29.50
25	29.05	28.72	28.87	28.90	28.98	29.12	29.30	29.40	29.53	29.48	29.43	28.94
Eom	29.16	28.97	28.89	28.82	29.08	29.23	29.25	29.39	29.39	29.55	29.39	29.09
1971												
5	29.23	28.85	28.67	28.75	28.90	28.64	28.91	29.22	29.39	29.15	29.48	29.61
10	29.03	28.80	28.44	28.82	28.80	28.73	29.00	29.24	29.28	29.16	29.50	29.10
15	29.13	28.59	28.44	28.74	28.66	28.75	28.96	29.30	29.05	29.39	29.58	29.18
20	29.14	28.49	28.50	28.74	28.65	28.80	29.12	29.38	29.05	29.53	29.45	29.23
25	29.06	28.45	28.64	28.81	28.66	28.88	29.16	29.40	29.13	29.41	29.70	29.39
Eom	29.07	28.60	28.70	28.92	28.72	28.90	29.24	29.40	29.11	29.36	29.63	29.46
1972												
5	29.40	29.17	27.38	28.72	28.38	28.60	28.38	28.40	28.79	29.00	28.75	28.69
10	29.09	29.14	28.18	28.53	28.34	28.68	28.20	28.56	28.96	29.07	28.70	28.14
15	29.39	28.87	28.22	28.39	28.16	28.70	28.38	28.64	28.91	29.03	28.75	27.07
20	29.18	29.04	28.45	28.12	28.30	28.64	28.56	28.59	29.02	29.11	28.64	27.80
25	29.18	28.55	28.43	28.03	28.37	27.68	28.56	28.65	29.02	28.94	28.56	27.57
Eom	28.91	27.61	28.57	28.35	28.43	28.17	28.55	28.79	28.90	29.08	28.64	28.10
1973												
5	28.31	27.52	28.41	28.13	27.10	27.90	28.39	28.21	28.82	28.96	28.98	28.49
10	28.45	28.15	28.43	27.91	27.26	28.10	28.49	28.16	28.87	28.99	29.00	28.68
15	28.42	28.13	28.40	28.13	27.94	28.24	28.53	28.18	28.92	28.97	28.97	28.73
20	28.58	28.30	27.75	28.02	27.99	28.28	28.10	28.20	28.96	29.00	28.97	28.66
25	28.67	28.48	27.83	28.06	28.09	28.29	28.10	28.77	28.98	29.04	28.81	28.43
Eom	28.62	28.53	28.06	26.95	27.62	28.39	28.11	28.85	28.95	28.91	28.38	27.43

Lewis County

390553080280801. 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 and Late Pennsylvanian age, diam 12 in (30 cm), depth 92 ft (28 m), cased. Lsd about 1,020 ft (311 m) above ms1. MP hole in concrete pump platform, at lsd. Highest water level 9.40 ft (2.87 m) below lsd, Dec. 30, 1969; lowest 23.85 ft (7.27 m) below lsd, Oct. 14, 1963. Records available: 1961-73.

390553080280801--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	21.72	Mar. 30, 1970	20.17	July 5, 1971	22.60	Oct. 2, 1972	21.77
13	21.73	Apr. 6	19.27	12	21.94	8	20.88
20	22.16	13	21.35	19	22.30	16	21.30
27	21.37	20	21.08	Aug. 2	20.05	23	21.24
Feb. 3	18.32	27	18.94	9	21.04	30	21.40
10	19.72	May 4	21.57	17	22.66	Nov. 6	20.50
17	21.51	11	22.39	23	22.71	13	20.54
24	21.49	18	22.30	30	22.54	20	20.99
Mar. 3	22.40	25	22.60	Sept. 7	22.84	27	19.35
10	22.29	June 1	22.77	13	15.88	Dec. 4	20.08
17	22.05	8	22.54	20	20.05	11	11.80
24	22.25	15	22.62	28	20.00	18	19.18
31	20.99	22	22.32	Oct. 4	22.15	Jan. 1, 1973	21.14
Apr. 7	20.66	29	22.74	12	22.67	8	21.20
14	21.31	July 6	22.76	18	22.57	15	22.13
21	21.13	13	22.20	27	21.30	22	21.06
28	20.50	20	22.30	Nov. 1	21.62	29	21.08
May 5	21.60	27	22.34	8	21.70	Feb. 5	18.37
12	19.25	Aug. 3	22.54	15	22.20	12	20.00
19	21.52	10	22.75	22	21.93	19	20.00
26	22.15	17	22.84	Dec. 1	19.61	26	21.22
June 2	22.86	24	21.35	6	20.48	Mar. 5	20.83
9	22.76	31	22.46	13	20.35	12	20.83
16	22.00	Sept. 7	22.58	20	21.78	20	20.69
23	22.52	15	22.24	Jan. 2, 1972	20.74	26	20.07
30	22.57	21	22.00	10	18.04	Apr. 2	20.86
July 7	22.66	Oct. 5	22.57	17	19.97	9	19.80
14	19.12	12	24.45	24	18.60	16	19.85
21	21.85	19	22.53	Feb. 1	20.44	23	20.32
28	20.65	Nov. 2	20.29	7	19.91	30	18.12
Aug. 4	22.18	9	19.95	14	17.48	May 7	20.80
11	14.80	17	19.93	21	20.00	14	20.70
18	22.19	23	21.42	28	17.53	21	21.86
25	22.29	Dec. 1	22.12	Mar. 13	21.08	29	21.90
Sept. 2	23.05	7	21.84	20	20.32	June 4	21.63
8	21.48	14	21.87	27	20.64	11	22.34
15	22.33	21	20.90	Apr. 3	20.42	18	22.98
22	22.16	28	21.03	10	19.06	25	23.00
29	22.33	Jan. 6, 1971	16.22	17	18.60	July 2	22.40
Oct. 6	22.27	11	20.57	24	16.22	16	22.39
13	22.00	18	20.62	May 1	20.39	23	22.72
20	22.57	25	20.68	8	20.08	30	22.80
27	22.34	Feb. 8	17.42	15	20.11	Aug. 7	22.60
Nov. 3	22.53	16	20.06	22	20.57	13	22.59
10	22.07	22	20.64	31	21.88	20	21.44
17	22.13	Mar. 1	20.43	June 5	22.37	27	22.05
25	20.85	8	16.35	12	22.35	Sept. 4	22.53
Dec. 1	21.33	15	20.36	19	21.90	11	22.56
8	22.11	22	20.29	26	18.72	17	21.95
15	19.41	30	21.15	July 5	20.02	24	21.02
22	21.11	Apr. 5	21.83	11	20.80	Oct. 1	21.30
30	9.40	12	21.39	17	21.48	8	21.40
Jan. 5, 1970	20.60	20	21.48	24	22.02	15	22.02
12	22.10	27	22.27	31	22.25	22	22.10
19	21.73	May 4	21.93	Aug. 7	20.56	Nov. 5	21.00
26	21.44	10	17.78	14	22.22	12	21.02
Feb. 2	19.47	17	19.48	21	21.62	19	20.89
9	19.50	24	21.45	28	22.38	26	21.31
23	20.85	June 1	21.48	Sept. 5	22.10	Dec. 3	20.40
Mar. 2	22.00	7	20.90	11	22.06	10	21.48
9	22.04	14	22.75	17	22.02	16	21.12
16	20.58	21	22.65	25	21.98	24	19.37
23	20.80						

390553080280802. 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 and Late Pennsylvanian age, diam 12 in (30 cm), depth 122 ft (37 m), cased. Lsd about 1,020 ft (311 m) above msl. MP drilled hole in steel plate covering casing mouth, at lsd. Highest water level 8.88 ft (2.71 m) below lsd, Dec. 30, 1969; lowest 23.95 ft (7.30 m) below lsd, Sept. 18, 1961. Records available: 1961-73.

Jan. 6, 1969	21.68	June 9, 1969	22.75	Nov. 10, 1969	21.92	Apr. 20, 1970	21.06
13	21.70	16	21.90	17	21.97	27	19.03
20	22.05	23	22.48	25	20.78	May 4	21.57
27	21.34	30	22.47	Dec. 1	21.31	11	22.35
Feb. 3	18.25	July 7	22.56	8	22.03	18	22.15
10	19.42	14	19.03	15	19.41	25	22.53
17	21.45	21	21.85	22	21.17	June 1	22.76
24	21.42	28	20.50	30	8.88	8	22.46
Mar. 3	22.32	Aug. 4	22.17	Jan. 5, 1970	20.59	15	22.53
10	22.17	11	15.13	12	22.07	22	22.28
17	21.97	18	22.15	19	21.72	29	22.67
24	22.16	25	22.29	26	21.42	July 6	22.78
31	20.76	Sept. 2	22.94	Feb. 2	19.44	13	22.10
Apr. 7	20.47	8	21.39	9	19.48	20	22.23
14	21.24	15	22.31	23	20.85	27	22.28
21	21.00	22	22.00	Mar. 2	21.93	Aug. 3	22.45
28	20.43	29	22.24	9	22.00	10	22.65
May 5	21.55	Oct. 6	22.24	16	20.55	17	22.77
12	19.15	13	21.94	23	20.75	24	21.08
19	21.66	20	22.50	30	20.06	31	22.43
26	22.10	27	22.23	Apr. 6	19.25	Sept. 7	22.53
June 2	22.78	Nov. 3	22.46	13	21.19	15	22.17

390553080280802--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 21, 1970	21.81	Aug. 9, 1971	21.00	May 31, 1972	21.80	Mar. 12, 1973	20.75
Oct. 5	22.54	17	22.60	June 5	22.30	20	20.64
12	22.35	23	22.64	12	22.28	26	20.05
19	22.45	30	22.40	19	21.83	Apr. 2	20.78
Nov. 2	20.18	Sept. 7	22.74	26	18.70	9	19.61
9	19.95	13	15.18	July 5	19.96	16	19.68
17	19.91	20	20.00	11	20.74	23	20.50
23	21.35	28	19.95	17	21.45	30	18.10
Dec. 1	22.04	Oct. 4	22.06	24	21.94	May 7	20.72
7	21.76	12	22.56	31	22.07	14	20.70
14	21.80	18	22.50	Aug. 7	20.64	21	21.80
21	20.84	27	21.16	14	22.10	29	21.82
28	21.00	Nov. 1	21.47	21	21.48	June 4	21.56
Jan. 6, 1971	16.33	8	21.52	28	22.32	11	22.23
11	20.74	15	22.12	Sept. 5	21.96	18	22.95
18	20.79	22	21.82	11	21.96	25	23.04
25	20.56	Dec. 1	19.57	17	21.94	July 2	22.21
Feb. 8	17.36	6	20.45	25	21.95	9	22.26
16	20.00	13	20.31	Oct. 2	21.67	16	23.57
22	20.44	20	21.70	8	20.80	30	22.60
Mar. 1	20.33	Jan. 2, 1972	20.55	16	21.24	Aug. 7	22.45
8	16.00	10	17.86	23	21.18	13	22.49
15	20.25	17	19.91	30	21.24	20	21.31
22	20.20	24	18.48	Nov. 6	20.44	27	21.93
30	21.07	Feb. 1	20.22	13	20.42	Sept. 4	22.42
Apr. 5	21.75	7	19.85	20	20.84	10	22.45
12	21.35	14	17.32	27	19.20	17	21.77
20	21.50	21	19.93	Dec. 4	20.00	24	20.83
27	22.22	28	17.60	11	12.00	Oct. 1	21.18
May 4	21.80	Mar. 13	21.06	18	19.20	8	21.26
10	17.67	20	20.27	Jan. 1, 1973	21.08	15	21.94
17	19.43	27	20.56	8	21.14	22	21.98
24	21.40	Apr. 3	20.26	15	22.06	Nov. 5	20.87
June 1	21.44	10	19.02	22	20.93	12	20.85
7	20.76	17	18.57	29	20.96	19	20.72
14	22.66	24	16.22	Feb. 5	18.26	26	21.17
21	22.65	May 1	20.35	12	19.83	Dec. 3	20.24
July 5	22.51	8	20.00	19	19.95	10	21.40
12	21.85	15	20.05	26	21.12	16	21.02
19	22.22	22	20.74	Mar. 5	20.65	24	19.50
Aug. 2	19.98						

Marshall County

395608080452301. Local number 4-3-8. Triangle Conduit & Cable Co. U.S. Highway 250, Glen Dale. Drilled unused water-table well in gravel, diam 10 in (25 cm), depth 100 ft (30 m), cased. Lad about 650 ft (198 m) above msl. MP top edge of recorder-shelter base, 4.00 ft (1.22 m) below lad. Highest water level 54.27 ft (16.54 m) below lad, Jan. 30, 1952; lowest 73.80 ft (22.49 m) below lad, Nov. 8, 22, 1957. Records available: 1950-65, 1967-73.

Jan. 6, 1969	70.90	Oct. 27, 1969	72.60	Aug. 3, 1970	70.00	May 10, 1971	66.25
13	71.24	Nov. 3	72.75	10	70.10	17	65.34
20	71.90	10	72.81	17	70.15	24	66.60
Feb. 27	71.26	17	72.68	24	70.55	June 1	67.18
3	70.33	24	72.44	31	70.58	8	67.48
10	69.73	Dec. 1	72.32	Sept. 8	70.79	14	67.98
17	70.23	8	71.98	14	71.05	22	68.73
24	70.05	15	71.48	21	71.15	28	69.24
Mar. 3	71.36	22	71.10	28	71.97	July 7	70.03
10	71.84	29	71.64	Oct. 5	71.83	12	70.04
17	72.04	Jan. 5, 1970	71.34	12	71.67	19	70.84
24	71.96	12	71.65	19	71.42	26	71.09
Apr. 31	72.57	20	71.92	26	71.05	Aug. 2	71.23
7	72.14	26	72.17	Nov. 2	70.65	9	71.60
14	71.57	Feb. 2	71.15	9	70.10	16	72.23
21	71.18	9	70.02	16	69.62	23	71.95
28	71.16	16	69.94	23	69.38	30	72.05
May 5	71.79	23	69.96	30	69.17	Sept. 7	72.05
12	71.99	Mar. 2	69.93	Dec. 7	69.54	13	72.28
20	72.87	9	69.35	14	69.18	20	71.12
26	71.90	16	69.29	21	68.74	27	71.09
June 2	72.12	23	69.49	28	68.04	Oct. 4	70.98
9	72.45	30	69.48	Jan. 4, 1971	67.16	11	71.09
16	72.75	Apr. 6	68.32	11	66.68	18	71.19
23	72.62	13	67.59	19	66.89	27	71.26
30	72.66	20	68.09	25	67.31	Nov. 1	71.25
July 21	69.87	27	68.09	Feb. 8	67.67	8	71.63
28	70.58	May 4	68.14	15	67.65	15	71.69
Aug. 4	70.80	11	68.77	15	67.36	22	71.75
11	71.31	18	69.20	22	66.36	29	71.73
18	71.35	25	69.21	Mar. 1	66.37	Dec. 6	71.31
25	71.46	June 1	69.46	8	64.30	13	69.85
Sept. 2	71.50	8	69.87	15	64.20	20	69.74
8	71.73	15	70.24	22	64.15	27	70.85
15	72.03	22	70.30	29	65.38	Jan. 3, 1972	69.49
22	72.19	29	70.73	Apr. 5	65.84	10	68.95
Oct. 29	72.17	July 6	70.14	12	66.20	17	68.89
6	72.33	13	69.64	19	66.50	24	69.15
13	72.46	20	69.12	26	67.00	31	69.24
20	72.37	27	70.26	May 3	67.26	Feb. 7	69.54

395608080452301--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 14, 1972	69.97	Aug. 7, 1972	65.05	Jan. 29, 1973	66.35	July 23, 1973	68.26
21	70.05	14	65.61	Feb. 5	66.00	30	69.15
28	69.80	21	66.23	17	65.85	Aug. 6	69.79
Mar. 6	68.95	28	66.35	19	66.46	13	70.01
13	67.10	Sept. 4	66.93	26	67.07	20	70.30
20	66.00	11	67.79	Mar. 5	67.84	27	70.53
27	65.57	18	68.00	12	67.59	Sept. 4	70.61
Apr. 3	66.14	25	68.37	19	66.82	10	70.67
10	66.32	Oct. 2	68.75	26	67.88	17	70.77
17	65.94	9	69.06	Apr. 2	66.22	Oct. 2	70.73
24	64.55	16	69.22	9	65.85	9	70.70
May 1	64.92	23	69.53	16	66.19	8	70.91
8	65.23	30	69.26	23	66.57	15	71.23
15	65.47	Nov. 6	69.51	30	66.35	22	71.68
22	65.99	13	69.71	May 7	65.47	29	71.39
29	66.55	20	68.25	14	65.36	Nov. 5	71.25
June 5	66.98	27	68.19	21	65.54	12	71.46
12	67.51	Dec. 4	68.33	28	65.65	20	71.51
19	67.95	11	67.15	June 4	66.35	26	71.46
26	63.67	18	65.85	11	66.52	Dec. 3	70.67
July 3	63.30	22	65.65	18	66.93	10	70.99
10	62.73	Jan. 2, 1973	65.04	25	67.28	17	71.55
17	61.85	8	65.34	July 2	67.18	26	70.10
24	63.69	15	65.62	9	67.71	31	69.25
31	63.97	22	65.92	16	68.31		

## Mason County

385450082064601. Local number 38-3-53. West Virginia University. Ohio Valley Agricultural Experiment Station. West Virginia Rte. 2, 4 mi north of Point Pleasant. Drilled irrigation water-table well in alluvial sand and gravel, diam 12 in (30 cm), depth 73 ft (22 m), screened 61-73 ft (19-22 m). Lad about 600 ft (183 m) above msl. MP edge of pump housing above hole on east side of pump, 1.40 ft (0.43 m) above lsd. Highest water level 36.72 ft (11.19 m) below lsd, May 27, 1963; lowest 42.54 ft (12.97 m) below lsd, Jan. 16, 1970. Records available: 1958-73.

Jan. 3, 1969	40.33	Feb. 27, 1970	42.48	Mar. 19, 1971	40.68	Apr. 7, 1972	39.22
10	40.40	Mar. 6	42.45	26	40.60	14	39.08
17	40.46	13	42.42	Apr. 2	40.50	21	39.05
24	40.52	20	42.37	9	40.40	28	38.67
31	40.56	27	42.36	16	40.36	May 5	38.38
Feb. 7	40.61	Apr. 3	42.27	23	40.30	12	38.15
14	40.65	10	42.21	30	40.33	19	38.00
21	40.68	17	42.07	May 7	40.30	26	37.80
28	40.70	24	41.87	14	40.28	June 2	37.57
Mar. 7	40.73	May 1	41.78	21	40.27	9	37.46
14	40.77	8	41.67	28	40.20	16	37.37
21	40.83	15	41.39	4	40.15	23	37.31
28	40.87	22	41.29	11	40.20	30	37.25
Apr. 4	40.94	29	41.14	18	40.18	July 7	37.22
11	41.00	June 5	40.98	25	40.14	14	37.16
18	40.97	12	40.90	July 2	40.19	21	37.15
25	41.32	19	41.81	9	40.22	28	37.20
May 2	41.14	26	40.74	16	40.25	Aug. 4	37.27
9	41.10	July 3	40.66	23	40.30	11	37.38
16	41.16	10	40.62	30	40.40	18	37.42
23	41.19	17	40.60	Aug. 6	40.42	25	37.50
30	41.19	24	40.57	13	40.40	Sept. 1	37.57
June 6	41.22	31	40.51	20	40.40	8	37.65
13	41.27	Aug. 7	40.51	27	40.42	15	37.74
20	41.30	14	40.53	Sept. 3	40.46	22	37.82
27	41.34	21	40.55	10	40.46	29	37.87
July 4	41.39	28	40.59	17	40.49	Oct. 8	38.00
11	41.45	Sept. 4	40.62	24	40.52	13	38.09
18	41.50	11	40.65	Oct. 1	40.52	20	38.22
25	41.10	18	40.74	8	40.42	27	38.30
Aug. 1	41.60	25	40.77	15	40.38	Nov. 3	38.41
8	41.66	Oct. 2	40.82	22	40.35	10	38.51
15	41.69	9	40.86	29	40.38	17	38.65
22	41.74	16	40.92	Nov. 5	40.40	24	38.69
29	41.78	23	40.95	12	40.38	Dec. 1	38.80
Sept. 5	41.80	30	41.03	19	40.43	8	38.84
12	41.85	Nov. 6	41.04	26	40.47	15	38.78
19	41.90	13	41.08	Dec. 3	40.48	22	38.71
26	41.93	20	41.10	10	40.47	29	38.57
Oct. 3	41.98	27	41.14	17	40.51	Jan. 5, 1973	38.47
10	42.00	Dec. 4	41.18	24	40.52	12	38.41
17	42.05	11	41.15	31	40.52	19	38.35
24	42.10	18	41.22	Jan. 7, 1972	40.52	26	38.30
31	42.13	25	41.19	14	40.50	Feb. 2	38.27
Nov. 7	42.02	Jan. 1, 1971	41.19	21	40.48	9	38.30
14	42.20	8	41.19	28	40.37	16	38.30
21	42.25	15	41.19	Feb. 4	40.32	23	38.25
28	42.28	22	41.14	11	40.33	Mar. 2	38.26
Dec. 5	42.33	29	41.10	18	40.41	9	38.27
12	42.35	Feb. 5	41.09	25	40.17	16	38.24
19	42.41	12	41.05	Mar. 3	40.10	23	38.30
26	42.44	19	41.00	10	39.93	30	38.25
Jan. 2, 1970	42.48	26	40.94	17	39.80	Apr. 6	38.25
9	42.50	Mar. 5	40.86	24	39.65	13	38.25
16	42.54	12	40.76	31	39.40	20	38.15



385450082064601--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 27, 1973	38.07	June 29, 1973	37.30	Aug. 31, 1973	37.64	Nov. 9, 1973	38.50
May 4	37.91	July 1	37.28	Sept. 7	37.70	16	38.59
11	37.99	13	37.24	14	37.72	23	38.65
18	38.02	20	37.30	21	37.75	30	38.75
25	37.73	27	37.28	Oct. 5	38.09	Dec. 7	38.83
June 1	37.65	Aug. 3	37.35	12	39.11	14	38.88
8	37.55	10	37.45	19	38.20	21	38.93
15	37.48	17	37.51	26	37.30	28	38.96
22	37.46	24	37.58	Nov. 2	38.45		

385451082062001. Local number 38-3-54. West Virginia University. Ohio Valley Agricultural Experiment Station, Point Pleasant. Drilled unused artesian well in Conemaugh Formation of Late Pennsylvanian age, diam 6 in (15 cm), depth 131 ft (40 m), cased to 60 ft (18 m). Led about 615 ft (187 m) above msl. MP top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 23.98 ft (7.31 m) below lsd, May 28, 29, 1973; lowest 26.20 ft (7.99 m) below lsd, Jan. 1, 1966. Records available: 1959-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	25.53	.....	25.41	25.53	25.52	25.58	25.84	25.80	25.86	25.85	25.91	25.99
10	25.53	.....	25.41	25.52	25.45	25.61	25.63	25.71	25.76	25.87	25.93	25.96
15	25.58	25.39	25.45	25.55	25.48	25.63	25.64	25.75	25.81	25.90	25.92	25.94
20	25.58	25.39	25.48	25.49	25.49	25.67	25.70	25.74	25.80	25.91	25.94	25.95
25	25.60	25.40	25.46	25.49	25.52	25.69	25.73	25.78	25.80	.....	25.97	.....
Eom	25.52	25.41	25.53	25.49	25.57	25.75	25.74	25.86	25.84	25.98	25.98	.....
1970												
5	25.80	25.82	25.66	.....	25.17	25.09	25.32	25.55	.....	.....	25.72	25.76
10	25.80	25.75	25.65	.....	25.19	.....	25.31	.....	.....	25.85	25.73	25.76
15	25.81	25.72	.....	.....	25.09	25.18	25.38	.....	.....	25.85	25.73	25.80
20	25.82	25.74	25.59	25.27	25.07	25.21	25.42	.....	.....	25.87	25.73	25.78
25	25.82	25.73	.....	25.18	25.09	25.26	25.49	25.54	25.76	25.86	25.74	25.70
Eom	25.85	25.75	.....	25.16	25.10	25.28	25.48	.....	.....	25.80	25.76	25.70
1971												
5	25.52	25.38	25.19	25.06	25.19	25.19	25.34	.....	25.23	25.08	25.14	25.27
10	25.56	25.38	25.13	25.08	25.13	25.24	25.40	.....	25.26	25.06	25.17	25.23
15	25.50	25.31	25.10	25.11	25.09	25.24	25.42	.....	25.24	25.06	25.20	25.23
20	25.47	25.30	25.07	25.12	25.10	25.30	25.38	.....	25.24	25.10	25.21	25.24
25	25.45	25.24	25.06	25.13	25.11	25.35	.....	.....	25.29	25.09	25.24	25.27
Eom	25.42	25.23	25.07	25.17	25.14	25.30	.....	.....	25.31	25.10	25.12	25.26
1972												
5	25.20	25.03	24.65	24.48	24.14	24.24	24.54	24.78	24.86	25.00	25.10	25.04
10	25.26	25.02	24.62	24.45	24.08	24.30	24.61	24.82	24.92	25.05	25.08	24.89
15	25.15	24.94	24.58	24.40	24.04	24.34	24.65	24.89	24.95	25.09	25.07	24.79
20	25.13	24.90	24.51	24.37	24.04	24.40	24.69	24.75	25.01	25.11	25.08	24.70
25	25.01	24.85	24.46	24.22	24.09	24.38	24.75	24.79	24.98	25.14	25.09	24.61
Eom	25.01	24.79	24.47	24.21	24.18	24.45	24.82	24.84	24.95	25.17	25.05	24.56
1973												
5	24.51	24.50	24.50	24.46	24.20	24.05	24.09	24.36	24.68	24.85	24.86	24.83
10	24.51	24.50	24.51	24.42	24.12	24.07	24.16	24.46	24.67	24.86	24.89	24.86
15	24.50	24.48	24.51	24.44	24.10	24.02	24.20	24.41	24.70	24.90	24.92	24.85
20	24.50	24.49	24.49	24.44	24.06	24.00	24.26	24.45	24.74	24.95	24.93	24.87
25	24.50	24.50	24.50	24.37	24.03	24.04	24.28	24.51	24.79	24.99	24.93	e24.82
Eom	24.51	24.52	24.50	24.29	24.00	24.08	24.31	24.61	24.82	24.85	24.83	e24.76

e Estimated.

Mercer County

372149081055001. Local number 48-5-1. West Virginia Service Co. Company well No. 1, Princeton. Drilled unused artesian well in sandstone and shale of the Hinton Formation of Late Mississippian age, diam 6 in (15 cm), depth 249 ft (76 m), cased. Led about 2,387 ft (728 m) above msl. MP top of well, at lsd. Highest water level 0.00, many days 1968-73; lowest 90.58 ft (27.61 m) below lsd, Dec. 10, 1969. Records available: 1960-73.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1, 1969	5.07	May 21, 1969	(j)	Oct. 8, 1969	19.18	Feb. 25, 1970	(j)
8	5.31	28	(j)	15	19.01	Mar. 4	(j)
15	5.58	June 4	4.22	22	20.56	11	(j)
22	4.02	11	4.28	29	20.36	18	(j)
Feb. 5	4.59	18	4.46	Nov. 5	20.17	25	(j)
9	3.45	25	6.45	12	21.62	Apr. 1	(j)
12	2.56	July 2	9.58	19	21.60	8	(j)
19	2.67	9	15.47	26	21.60	15	(j)
26	(j)	16	20.36	Dec. 3	85.59	22	(j)
Mar. 5	(j)	23	26.40	10	90.58	29	(j)
12	(j)	30	27.06	17	43.58	May 6	(j)
19	(j)	Aug. 6	27.24	24	80.57	13	(j)
26	(j)	13	27.46	31	69.55	20	(j)
Apr. 2	(j)	20	17.09	Jan. 7, 1970	63.67	27	(j)
9	(j)	27	18.75	14	55.71	June 3	0.00
16	(j)	Sept. 3	18.27	21	38.49	10	4.78
23	(j)	10	18.10	28	16.27	17	4.67
30	(j)	17	19.54	Feb. 4	13.43	24	4.18
May 7	(j)	24	19.35	11	8.09	July 1	5.53
14	(j)	Oct. 1	19.24	18	(j)	8	5.06

372149081055001--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 15, 1970	5.97	May 26, 1971	(j)	Apr. 12, 1972	(j)	Feb. 21, 1973	(j)
22	5.97	June 2	(j)	19	(j)	28	(j)
29	5.92	9	(j)	26	(j)	Mar. 7	(j)
Aug. 5	6.14	16	(j)	May 3	(j)	14	(j)
12	6.58	23	(j)	10	(j)	21	(j)
19	5.89	30	(j)	17	(j)	28	(j)
26	5.79	July 7	(j)	24	(j)	Apr. 4	(j)
Sept. 2	5.08	14	(j)	31	(j)	11	(j)
9	6.67	21	(j)	June 7	(j)	18	(j)
16	6.49	28	(j)	14	(j)	25	(j)
23	6.15	Aug. 4	(j)	21	(j)	May 2	(j)
30	6.15	11	(j)	28	(j)	9	(j)
Oct. 7	6.13	18	(j)	July 5	(j)	16	(j)
14	6.10	25	3.37	12	(j)	23	(j)
21	7.68	Sept. 1	3.37	19	(j)	30	(j)
28	7.12	8	4.30	26	(j)	June 6	(j)
Nov. 4	6.28	15	5.75	Aug. 2	(j)	13	(j)
11	5.06	22	5.36	9	(j)	20	(j)
18	5.38	29	5.36	16	(j)	27	(j)
25	5.60	Oct. 6	5.70	23	(j)	July 4	(j)
Dec. 2	5.73	13	4.10	30	(j)	11	(j)
9	4.07	20	4.45	Sept. 6	(j)	18	(j)
16	4.10	27	4.50	13	(j)	25	(j)
23	4.12	Nov. 3	4.50	20	(j)	Aug. 1	(j)
30	4.79	10	4.47	27	(j)	8	(j)
Jan. 6, 1971	3.60	17	4.45	Oct. 4	(j)	15	(j)
13	(j)	Dec. 1	3.49	11	(j)	22	(j)
20	(j)	8	(j)	18	(j)	29	(j)
27	(j)	15	(j)	25	(j)	Sept. 5	(j)
Feb. 3	(j)	22	(j)	Nov. 1	(j)	12	(j)
10	(j)	29	(j)	8	(j)	19	(j)
17	(j)	Jan. 5, 1972	(j)	15	(j)	26	(j)
24	(j)	12	(j)	22	(j)	Oct. 3	(j)
Mar. 3	(j)	19	(j)	29	(j)	10	(j)
10	(j)	26	(j)	Dec. 6	(j)	17	(j)
17	(j)	Feb. 1	(j)	13	(j)	24	(j)
24	(j)	8	(j)	20	(j)	31	(j)
31	(j)	15	(j)	27	(j)	Nov. 7	(j)
Apr. 7	(j)	22	(j)	Jan. 3, 1973	(j)	14	(j)
14	(j)	Mar. 1	(j)	10	(j)	21	(j)
21	(j)	8	(j)	17	(j)	28	(j)
28	(j)	15	(j)	24	(j)	Dec. 5	(j)
May 5	(j)	22	(j)	31	(j)	12	(j)
12	(j)	29	(j)	Feb. 7	(j)	19	(j)
19	(j)	Apr. 5	(j)	14	(j)	26	(j)

j Well overflowing.

Mineral County

392114079081101. Local number 22-5-23. Gerald Whisner. Near Elk Garden. Drilled unused artesian well in Conemaugh Formation of Late Pennsylvanian age, diam 6 in (15 cm), depth 37 ft (11 m), cased. Lsd about 2,480 ft (756 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 0.69 ft (0.21 m) above lsd, many days 1972-73; lowest blt 0.81 ft (3.29 m) below lsd, Oct. 29, 1968. Records available: 1968-73.

Aug. 29, 1968	-8.60	Nov. 5, 1971	-0.48	June 30, 1972	+0.68	Feb. 9, 1973	+0.69
Sept. 25	8.91	12	.27	July 7	.66	16	.69
Oct. 29	10.81	19	.15	14	.66	23	.69
Dec. 5	8.19	26	.10	21	+.68	Mar. 2	.68
Jan. 16, 1969	7.50	Dec. 3	-.05	28	-.80	9	.68
May 13	4.19	10	+.50	Aug. 4	.70	16	.66
June 11	3.73	17	.56	11	2.00	23	.64
July 15	5.64	24	.50	18	3.10	30	.66
Aug. 12	6.17	31	.55	25	2.50	Apr. 6	.68
Sept. 11	6.46	Jan. 7, 1972	.50	Sept. 1	2.40	13	.68
Oct. 8	7.96	14	+.08	8	4.10	20	.68
Nov. 13	7.98	21	-.08	15	3.60	27	.68
Dec. 20	4.77	28	+.52	22	5.10	May 4	.68
Jan. 20, 1970	2.63	Feb. 1	.60	29	3.60	11	.68
Feb. 23	-.35	11	.50	Oct. 6	3.70	18	.68
Mar. 23	+.29	18	.50	13	2.40	24	.68
Apr. 17	+.65	25	.25	20	2.40	June 1	.66
May 14	-.04	Mar. 3	.40	27	1.52	8	.68
June 18	3.72	10	.55	Nov. 3	1.44	15	.18
July 20	5.31	17	.65	10	-.32	22	+.64
Aug. 17	4.42	31	.68	17	+.64	29	-.90
Sept. 17	5.15	Apr. 7	.68	24	.69	July 6	1.12
Oct. 13	6.24	14	.68	30	.69	13	1.60
Nov. 27	-.24	21	.68	Dec. 1	.69	20	1.40
Dec. 21	-.32	28	.68	8	.68	27	1.40
Jan. 19, 1971	+.55	May 5	.68	15	.69	27	3.00
July 20	-.4.18	12	.68	22	.69	Aug. 3	3.10
Sept. 24	.46	19	.68	29	.68	10	3.70
Oct. 1	.58	26	.38	Jan. 5, 1973	.68	24	3.60
8	.69	June 2	+.26	12	.68	31	2.98
15	.68	9	-.60	19	.68	Sept. 7	3.12
22	.68	16	.60	26	.69	14	3.56
29	.69	23	-.60	Feb. 2	.69	21	3.02

392114079081101--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 28, 1973	-4.00	Oct. 26, 1973	-3.76	Nov. 16, 1973	-3.48	Dec. 14, 1973	-0.70
Oct. 5	3.70	Nov. 2	3.74	Dec. 23	3.38	21	-.60
12	3.68	9	3.54	Dec. 7	2.10	28	+0.05
19	3.74						

b Well pumped recently.

Monongalia County

392923079571801. Local number 9-7-33. Paul H. Price. Halleck. Drilled unused water-table well in Buffalo and Mahoning Sandstone Members of the Conemaugh Formation of Late Pennsylvanian age, diam 6 in (15 cm), depth 141 ft (43 m), cased to 21 ft (6 m). Lsd about 1,850 ft (564 m) above msl. MP top of casing, 0.35 ft (0.11 m) above lsd. Highest water level 40.95 ft (12.48 m) below lsd, Jan 4, 1960; lowest 80.57 ft (24.56 m) below lsd, Oct. 25, 1973. Records available: 1953-73.

Jan. 24, 1969	60.06	Apr. 22, 1970	61.63	July 21, 1971	78.15	Oct. 24, 1972	79.51
Feb. 26	64.70	May 27	75.06	Aug. 24	78.69	Nov. 21	61.34
Mar. 24	62.68	June 25	78.31	Sept. 27	62.07	Dec. 22	58.45
Apr. 23	62.15	July 27	73.98	Oct. 26	68.55	Jan. 22, 1973	58.96
May 23	68.48	Aug. 25	67.55	Nov. 24	63.85	Feb. 22	61.42
June 20	77.56	Sept. 24	78.87	Dec. 22	62.25	Mar. 23	60.53
July 23	66.63	Oct. 22	79.07	Jan. 24, 1972	52.15	Apr. 25	61.29
Aug. 25	78.87	Nov. 24	65.57	Feb. 25	46.15	May 23	64.00
Sept. 22	79.11	Dec. 24	55.74	Mar. 24	58.60	June 21	74.02
Oct. 23	79.38	Jan. 25, 1971	58.98	Apr. 24	61.05	July 20	77.47
Nov. 24	79.60	Feb. 23	53.63	May 24	65.24	Aug. 23	77.68
Dec. 24	75.30	Mar. 24	59.95	June 21	77.35	Sept. 19	80.33
Jan. 26, 1970	63.67	Apr. 23	64.08	July 24	76.25	Oct. 25	80.57
Feb. 24	64.10	May 26	67.78	Aug. 23	76.05	Nov. 29	62.98
Mar. 27	61.66	June 21	77.84	Sept. 22	77.95	Dec. 28	58.06

Preston County

393306079474501. Local number 11-3-8. G. E. Lemmons. East Depot St., Masontown. Drilled unused artesian well in sandstone of Pottsville Formation of Late Pennsylvanian age (previously reported Early to Middle Pennsylvanian age), diam 8 in (20 cm), depth 785 ft (239 m), cased. Lsd about 1,770 ft (539 m) above msl. MP top north edge of casing, 3.00 ft (0.91 m) below lsd. Highest water level 7.15 ft (2.18 m) below lsd, Jan. 20, 1947 (revised); lowest 108+ ft (33 m) below lsd, Feb. 3, 1959. Records available: 1941-73.

Jan. 24, 1969	66.05	Apr. 22, 1970	65.94	July 21, 1971	66.73	Oct. 24, 1972	66.85
Feb. 26	66.34	May 27	66.59	Aug. 24	66.45	Nov. 21	65.03
Mar. 24	66.08	June 25	66.65	Sept. 27	65.50	Dec. 22	65.08
Apr. 24	65.89	July 27	72.41	Oct. 26	66.30	Jan. 22, 1973	65.14
May 23	65.84	Aug. 25	65.35	Nov. 24	66.50	Feb. 22	65.60
June 20	66.89	Sept. 24	66.21	Dec. 22	66.10	Mar. 23	66.09
July 23	66.25	Oct. 22	66.27	Jan. 24, 1972	65.80	Apr. 25	66.25
Aug. 25	66.66	Nov. 24	65.94	Feb. 25	65.80	May 23	66.14
Sept. 22	67.02	Dec. 24	65.29	Mar. 24	65.20	June 21	66.18
Oct. 23	67.14	Jan. 25, 1971	65.93	Apr. 24	65.30	July 20	67.10
Nov. 24	66.80	Feb. 23	65.37	May 24	66.90	Aug. 23	65.79
Dec. 24	65.62	Mar. 24	66.23	June 21	63.40	Sept. 19	66.73
Jan. 26, 1970	65.57	Apr. 23	66.34	July 24	67.00	Oct. 25	66.40
Feb. 24	65.27	May 26	66.98	Aug. 23	71.70	Nov. 29	65.48
Mar. 27	65.13	June 21	77.25	Sept. 22	66.90	Dec. 28	65.19

Raleigh County

374607081122201. Local number 43-3-8. Raleigh Bottling & Ice Co. Mabscott. Drilled unused artesian well in New River Formation of Early Pennsylvanian age, diam 8 in (20 cm), depth 475 ft (145 m), cased to 40 ft (12 m). Lsd about 2,285 ft (696 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 13.03 ft (3.97 m) below lsd, Dec. 27, 1972; lowest 37.13 ft (11.32 m) below lsd, Dec. 15, 1965. Records available: 1959-73.

Jan. 2, 1969	18.46	May 14, 1969	17.10	Sept. 24, 1969	20.57	Feb. 11, 1970	17.54
8	18.71	21	17.23	Oct. 1	20.46	18	(J)
15	18.89	28	17.55	8	20.17	25	16.28
22	18.55	June 4	18.18	15	21.86	Mar. 4	16.81
29	17.92	11	18.70	22	22.80	11	17.45
Feb. 5	17.54	18	18.08	29	23.62	18	17.42
12	17.21	25	18.78	Nov. 5	23.18	25	17.53
19	17.44	July 2	18.87	12	24.36	Apr. 1	17.20
26	17.39	9	18.98	19	24.46	8	16.91
Mar. 5	17.43	16	18.71	26	24.98	15	17.05
12	17.44	23	18.85	Dec. 3	23.82	22	17.34
19	17.15	30	18.14	10	23.95	29	16.98
28	17.00	Aug. 6	18.58	17	21.03	May 6	17.15
Apr. 2	16.61	13	18.76	23	21.25	13	17.68
9	16.53	20	18.44	Jan. 7, 1970	17.66	20	17.91
16	16.43	27	18.29	14	18.23	27	18.22
23	16.37	Sept. 3	18.26	21	18.45	June 3	18.68
30	16.46	10	18.45	28	18.04	10	19.01
May 7	16.92	17	18.91	Feb. 4	17.92	17	19.58

374607081122201--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 24, 1970	20.95	May 12, 1971	15.67	Mar. 29, 1972	17.23	Feb. 14, 1973	15.99
July 1	20.85	19	15.08	Apr. 5	15.98	21	15.92
8	21.00	26	15.41	12	15.38	28	16.14
15	20.96	June 2	15.20	19	14.55	Mar. 7	15.75
22	20.97	9	15.60	26	14.96	14	16.05
29	22.63	16	15.81	May 3	15.30	21	14.45
Aug. 5	23.33	23	15.97	10	15.20	28	14.75
12	23.03	30	16.97	17	15.33	Apr. 4	14.93
19	24.43	July 7	17.14	24	15.58	11	14.86
26	22.76	14	18.84	31	14.99	18	15.02
Sept. 2	22.20	21	18.50	June 7	15.53	25	14.40
9	21.80	28	18.88	14	16.05	May 2	14.09
16	21.58	Aug. 4	18.94	21	15.98	9	14.82
23	22.00	11	18.71	28	15.97	16	15.35
30	22.23	18	19.45	July 5	17.92	23	15.49
Oct. 7	22.81	25	20.26	12	17.01	30	15.00
14	23.56	Sept. 1	20.16	19	17.43	June 6	15.51
21	24.34	8	22.07	26	17.61	13	15.99
28	25.11	15	21.82	Aug. 2	17.80	20	17.08
Nov. 4	25.71	22	21.45	9	17.08	27	17.77
11	21.88	29	20.59	16	17.40	July 4	18.32
18	21.16	Oct. 6	20.54	23	16.04	11	18.94
25	20.94	13	21.03	29	16.61	19	20.92
Dec. 2	20.84	20	21.37	Sept. 6	16.99	25	20.07
9	21.26	27	20.95	13	17.13	Aug. 1	19.06
14	21.43	3	19.91	20	18.89	8	19.86
21	21.81	10	19.82	27	19.15	15	20.92
30	17.77	17	19.66	Oct. 4	18.74	22	18.76
Jan. 6, 1971	17.89	24	19.99	11	18.87	29	18.89
13	18.20	Dec. 1	19.90	18	18.78	Sept. 5	19.55
20	17.94	8	19.13	25	18.26	12	20.09
27	17.28	15	18.77	Nov. 1	18.04	19	20.95
Feb. 3	17.19	22	18.43	8	18.13	26	21.35
10	15.63	29	18.54	15	16.18	Oct. 3	21.53
17	15.65	Jan. 5, 1972	17.41	22	16.40	10	21.70
24	15.65	12	16.99	29	17.23	17	21.88
Mar. 3	15.73	19	17.00	6	17.27	24	22.91
10	15.81	26	16.60	13	15.92	31	22.78
17	16.06	Feb. 2	16.44	20	15.93	Nov. 7	21.48
24	16.07	9	16.87	27	13.03	14	20.20
31	16.06	16	16.63	Jan. 3, 1973	14.50	21	19.65
Apr. 7	15.93	23	15.98	10	15.55	28	20.27
14	16.03	Mar. 1	15.25	17	16.05	Dec. 5	17.43
21	16.28	8	16.05	24	15.84	12	17.30
27	16.13	15	16.15	31	16.03	19	17.55
May 5	16.00	22	16.66	Feb. 7	16.16	26	16.07

j Well flooded; high water.

Ritchie County

391226081024901. Local number 28-3-3. City of Harrisville. Drilled unused artesian well in Dunkard Group of Pennsylvanian and Permian age, diam 6 in (15 cm), depth 118 ft (36 m), cased. Lsd 840 ft (256 m) above ms1. MP top of casing, about 1.20 ft (0.37 m) above lsd. Highest water level 17.92 ft (5.46 m) below lsd, Apr. 2, 1970; lowest 21.80 ft (6.64 m) below lsd, Sept. 7, 1966 (revised). Records available: 1966, 1968-73.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	19.17	19.99	19.37	19.72	20.14	20.10	19.55	.....	19.89	19.56	20.05
10	.....	19.22	20.00	19.35	19.30	20.16	19.50	.....	.....	19.78	19.77	19.20
15	20.00	19.41	20.20	19.67	19.49	e19.90	19.75	.....	.....	19.97	19.79	19.22
20	19.33	20.82	19.98	19.60	.....	19.70	19.65	.....	.....	19.86	19.49	19.51
25	19.41	19.80	19.55	19.50	19.83	19.95	18.86	19.46	19.85	19.95	19.48	19.60
Eom	18.80	19.78	19.77	19.65	19.99	20.03	19.20	19.85	19.83	19.85	19.45	19.05
1970												
5	19.23	19.07	19.30	18.86	19.43	19.75	19.88	19.69	19.25	.....	.....	.....
10	.....	18.47	19.27	19.15	19.61	19.85	19.64	18.95	.....	.....	.....	.....
15	.....	18.77	18.87	19.52	19.74	19.93	19.76	19.29	.....	.....	.....	.....
20	.....	.....	18.87	19.35	19.53	19.80	19.59	19.36	.....	.....	.....	.....
25	.....	19.10	19.08	18.88	19.61	19.90	19.84	18.90	.....	.....	.....	.....
Eom	19.08	19.80	18.95	19.26	19.80	19.87	19.32	19.29	.....	.....	.....	.....
Average daily water level, from digital tape, 1970												
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.34	18.23	19.33
10	.....	.....	.....	.....	.....	.....	.....	.....	19.54	19.49	19.00	19.49
15	.....	.....	.....	.....	.....	.....	.....	.....	19.68	19.48	19.04	19.13
20	.....	.....	.....	.....	.....	.....	.....	.....	19.25	19.54	18.97	19.24
25	.....	.....	.....	.....	.....	.....	.....	.....	19.17	19.04	19.20	18.33
Eom	.....	.....	.....	.....	.....	.....	.....	.....	18.76	18.72	19.33	19.02
1971												
5	18.84	18.81	19.37	19.84	19.82	19.61	20.22	19.24	20.13	19.33	19.22	19.08
10	19.13	19.15	18.87	20.05	19.51	19.81	20.20	19.49	19.99	19.40	19.25	18.46
15	18.90	18.68	19.02	19.83	19.05	19.82	20.06	19.85	18.89	19.72	19.55	18.87
20	19.31	18.63	19.25	19.76	19.34	19.93	19.98	19.94	18.75	19.86	19.28	19.03
25	19.19	18.86	19.57	19.95	19.54	20.09	19.96	19.96	19.07	19.37	19.69	19.23
Eom	19.43	19.12	19.70	20.00	19.65	20.20	19.94	20.04	18.96	19.53	18.82	19.32

391226081024901--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.60	19.00	18.62	19.23	19.14	19.82	18.66	19.36	19.58	19.78	19.38	18.95
10	18.44	19.22	19.18	18.78	19.39	19.95	19.00	19.61	19.90	20.26	18.91	18.30
15	19.21	18.43	19.16	18.74	19.15	19.82	19.40	19.67	19.46	19.85	19.29	18.49
20	19.18	18.91	19.28	18.90	19.11	19.61	19.59	18.79	19.76	19.94	19.00	18.53
25	19.15	18.36	18.94	18.70	19.56	18.92	19.67	19.30	19.79	19.80	18.73	18.70
Eom	19.04	18.63	19.26	19.24	19.56	18.85	19.93	19.65	19.56	19.81	18.58	18.86
1973												
5	18.87	18.78	19.11	19.14	18.93	19.43	19.65	19.55	19.88	19.90	19.11	18.78
10	19.27	18.77	19.05	18.57	18.73	19.60	19.74	19.64	20.11	19.66	.....	19.08
15	19.50	18.63	19.17	18.79	19.16	19.72	19.45	19.25	20.07	19.60	.....	19.02
20	19.33	18.89	18.76	19.18	19.25	19.84	19.64	19.35	20.02	19.82	.....	18.96
25	19.10	19.22	18.83	18.72	19.36	19.61	19.69	19.46	19.93	19.90	18.92	19.06
Eom	18.92	19.30	19.26	18.67	19.27	19.89	19.37	19.74	19.92	19.22	18.69	18.72
e Estimated.												

e Estimated.

Wayne County

382424082352701. Local number 50-1-5. Ashland Oil & Refining Corp. Kenova. Drilled unused water-table well in gravel, diam 6 in (15 cm), depth 73 ft (22 m), cased to 63 ft (19 m), screened 63-73 ft (19-22 m). Lsd about 548 ft (167 m) above msl. MP top of casing, 4.90 ft (1.49 m) above lsd. Highest water level 21.29 ft (6.49 m) below lsd, July 30, 1956; lowest 43.39 ft (13.23 m) below lsd, Jan. 15, 1954. Records available: 1942-46, 1948-72. No measurement made in 1973.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1969	28.17	Jan. 5, 1970	28.50	Dec. 28, 1970	27.62	Dec. 20, 1971	28.45
13	28.29	12	28.32	Jan. 4, 1971	27.57	27	28.02
20	28.34	19	28.39	11	27.17	Jan. 27, 1972	28.02
27	28.29	26	28.47	18	27.32	Feb. 2	28.01
Feb. 3	27.89	2	28.15	25	27.32	9	28.02
10	27.61	9	27.98	Feb. 1	27.29	17	27.09
17	27.97	16	27.68	8	27.27	22	28.00
24	27.74	24	27.39	15	27.18	Mar. 1	27.04
Mar. 3	27.92	2	27.54	22	26.86	7	26.03
10	28.06	9	27.55	Mar. 1	25.61	14	26.03
17	28.24	16	27.47	8	25.18	20	25.99
24	28.25	23	27.48	15	25.67	29	25.35
31	28.38	30	27.63	22	25.71	Apr. 6	25.35
Apr. 7	28.41	Apr. 6	27.05	29	26.05	14	25.18
14	28.10	13	26.21	Apr. 5	26.44	20	24.93
21	28.04	20	26.47	12	26.75	27	25.02
28	27.86	27	26.66	19	26.89	Apr. 4	26.04
May 5	27.93	May 4	26.37	26	27.08	May 11	26.06
12	28.06	11	26.61	May 3	26.89	18	26.05
19	27.97	18	26.90	10	26.64	25	26.06
26	28.13	25	27.02	17	26.32	June 1	26.06
June 2	28.17	June 1	27.36	24	26.34	8	26.07
9	28.32	8	27.52	31	26.77	15	26.08
16	28.42	15	27.67	June 7	27.08	22	26.08
23	28.50	22	27.86	14	27.15	29	26.07
30	28.60	29	27.46	21	27.39	July 6	26.07
July 7	28.65	July 6	28.50	28	27.49	13	26.07
14	28.64	13	28.10	July 5	27.73	20	26.08
21	28.65	20	28.06	12	27.80	27	26.09
28	28.68	27	27.61	19	27.74	Aug. 3	26.08
Aug. 4	28.77	Aug. 3	28.34	26	27.95	3	25.60
11	28.75	10	28.31	Aug. 2	27.99	10	25.60
18	28.72	17	28.42	9	28.01	17	25.68
25	28.75	24	28.41	16	28.10	24	25.68
Sept. 1	28.82	31	28.56	23	28.25	31	27.35
8	28.79	Sept. 7	28.59	30	28.52	Sept. 4	27.43
15	28.92	14	28.57	Sept. 6	28.25	11	27.43
22	28.98	21	28.62	13	28.24	18	27.60
29	28.99	28	28.73	20	28.18	25	27.60
Oct. 6	29.04	Oct. 5	28.79	27	28.16	Oct. 5	27.60
13	29.05	12	28.84	Oct. 4	28.20	12	27.77
20	29.06	19	28.88	11	28.21	19	27.85
27	29.06	26	28.87	18	28.32	26	27.93
Nov. 3	29.02	Nov. 2	28.67	27	28.32	Nov. 2	27.93
10	29.08	9	28.51	Nov. 1	28.40	9	27.93
17	29.16	16	28.40	8	28.46	16	27.85
24	29.18	23	28.35	15	28.55	23	27.68
Dec. 1	29.12	30	28.36	22	28.58	Dec. 4	27.60
8	29.16	Dec. 7	28.30	29	28.53	11	27.35
15	29.09	14	28.29	Dec. 6	28.48	18	26.70
22	29.10	21	28.29	13	28.46	25	26.66
29	28.97						

Wood County

391712081333201. Local number 27-3-22. City of Parkersburg. Drilled unused water-table well in gravel, diam 5 in (13 cm), depth 55 ft (17 m), cased to 55 ft (17 m). Lsd about 601 ft (183 m) above msl. MP top of casing, 2.94 ft (0.90 m) above lsd (since Jan. 27, 1970). Highest water level e16.06 ft (4.90 m) below lsd, Feb. 23, 1971; lowest 37.75 ft (11.51 m) below lsd, Feb. 12, 1948. Records available: 1943-44, 1946-73.

391712081333201--Continued.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	20.85	22.88	22.80	.....	23.10	23.03	23.12	23.36	23.56	22.77	22.55
10	.....	21.33	23.24	21.85	.....	23.16	22.68	23.10	23.42	23.52	22.55	22.52
15	23.04	21.80	23.49	22.12	.....	23.09	22.82	22.98	23.42	23.61	22.87	22.66
20	22.54	21.10	23.65	21.14	22.33	22.97	23.01	23.01	23.69	23.57	22.28	22.99
25	22.63	22.17	23.24	.....	22.38	23.04	23.32	22.24	23.68	23.65	22.18	22.72
Eom	22.06	22.70	22.96	.....	22.94	23.15	23.14	23.10	23.65	23.28	22.23	23.12
1970												
5	22.85	21.54	22.63	17.82	21.31	23.08	23.83	23.89	24.03	24.10	22.74	23.76
10	23.02	21.71	21.79	19.29	21.91	23.27	23.79	23.88	23.89	24.01	22.91	24.04
15	23.23	22.25	.....	20.68	22.14	23.64	23.71	24.04	24.19	23.69	23.17	21.96
20	22.85	22.65	.....	21.11	22.52	23.31	23.54	23.82	24.23	23.80	23.24	20.89
25	23.17	22.56	22.29	20.30	22.30	23.53	23.85	23.83	24.36	23.67	23.59	17.73
Eom	22.24	22.90	22.36	20.14	22.31	23.70	23.88	24.20	23.99	23.44	23.74	19.60
1971												
5	19.97	20.25	20.13	24.60	26.19	25.74	25.82	25.26	25.39	24.77	25.51	24.88
10	18.36	20.31	20.54	25.30	24.95	25.86	25.80	25.07	25.50	24.91	25.60	24.46
15	19.66	19.46	21.41	25.46	24.88	25.76	26.02	25.32	24.81	25.11	25.76	25.38
20	19.97	18.32	22.50	25.59	25.24	25.90	26.14	25.27	24.35	25.25	25.72	25.97
25	19.67	e16.16	23.25	25.88	25.56	25.94	26.15	25.32	24.66	25.33	25.54	26.47
Eom	20.42	18.64	24.17	26.10	25.59	25.92	25.78	25.24	24.50	25.46	23.93	26.86
1972												
5	26.32	26.98	.....	25.35	23.30	22.25	21.60	24.90	24.56	25.17	25.71	25.14
10	26.16	.....	.....	24.43	23.86	24.15	22.36	25.07	24.58	25.47	25.45	21.68
15	26.25	26.86	.....	23.24	23.88	24.87	23.17	25.20	24.61	25.60	25.41	21.33
20	26.56	27.05	23.60	20.93	24.35	25.31	23.76	24.49	24.91	25.75	24.91	21.60
25	26.88	.....	23.85	20.71	24.84	22.51	24.21	24.56	25.24	25.34	24.86	20.85
Eom	26.93	.....	24.75	22.46	22.96	20.76	24.83	24.55	25.11	26.01	24.77	22.20
1973												
5	22.79	24.50	24.71	24.40	25.11	24.55	25.91	26.01	26.34	26.13	27.01	25.12
10	23.37	24.51	24.54	23.47	24.86	24.62	26.01	26.00	26.43	26.14	e26.86	25.65
15	24.08	24.11	24.76	23.53	24.92	25.11	25.82	26.11	26.40	26.38	e26.87	25.78
20	24.62	24.51	23.06	23.91	24.36	25.44	25.77	26.19	26.41	26.56	e26.81	25.93
25	24.72	24.94	23.23	23.86	24.20	25.69	25.71	26.12	26.29	26.56	26.13	25.91
Eom	24.50	25.14	23.98	25.81	24.27	25.82	25.81	26.27	26.14	26.74	25.03	24.95

e Estimated.

## References

- Bain, George L., and Friel, Eugene A., 1972, Water resources of the Little Kanawha River basin, West Virginia: River Basin Bull. No. 2, W. Va. Geol. and Econ. Survey.
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- Hobbs, W. A., Jr., Friel, E. A., and Chisholm, J. L., 1974, Water resources of the Potomac River basin, West Virginia: River Basin Bull. No. 3, W. Va. Geol. and Econ. Survey open-file report.